

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094611.D
 Acq On : 25 Apr 2017 18:00
 Operator : SJ/MA
 Sample : I2835-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Manual Integrations
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 4/26/2017 2:21:01 PM

Quant Time: Apr 26 03:10:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	126544	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	492384	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	214503	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	341419	20.00	ng	-0.02
75) Chrysene-d12	14.46	240	249808	20.00	ng	0.00
86) Perylene-d12	16.08	264	235417	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	853673	111.92	ng	0.00
7) Phenol-d6	5.39	99	1022364	113.70	ng	0.00
23) Nitrobenzene-d5	6.41	82	637139	79.90	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	179761	107.14	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1158220	79.45	ng	-0.01
78) Terphenyl-d14	13.18	244	786700	84.18	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	112786	25.43	ng	97
3) Pyridine	2.64	79	287242	29.63	ng	99
4) n-Nitrosodimethylamine	2.57	42	138852	34.61	ng	90
6) Aniline	5.38	93	372322	31.16	ng	# 90
8) 2-Chlorophenol	5.53	128	336493	38.77	ng	94
9) Benzaldehyde	5.25	77	102058	14.92	ng	99
10) Phenol	5.40	94	467042	42.28	ng	92
11) bis(2-Chloroethyl)ether	5.47	93	309215	38.32	ng	95
12) 1,3-Dichlorobenzene	5.69	146	355541	36.97	ng	99
13) 1,4-Dichlorobenzene	5.78	146	361157	37.33	ng	98
14) 1,2-Dichlorobenzene	5.95	146	336868	37.80	ng	95
15) Benzyl Alcohol	5.94	79	253282	37.97	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	406730	38.44	ng	73
17) 2-Methylphenol	6.08	107	265368	38.82	ng	92
18) Hexachloroethane	6.34	117	114195	34.43	ng	88
19) n-Nitroso-di-n-propylamine	6.25	70	232979	39.10	ng	95
20) 3+4-Methylphenols	6.26	107	366892	39.50	ng	# 63
22) Acetophenone	6.23	105	471593	39.39	ng	# 85
24) Nitrobenzene	6.43	77	331241	39.45	ng	91
25) Isophorone	6.72	82	591858	40.04	ng	95
26) 2-Nitrophenol	6.80	139	166013	36.80	ng	98
27) 2,4-Dimethylphenol	6.88	122	287678	39.26	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	383788	40.14	ng	99
29) 2,4-Dichlorophenol	7.10	162	272021	39.90	ng	98
30) 1,2,4-Trichlorobenzene	7.19	180	277442	39.37	ng	98
31) Naphthalene	7.28	128	935309	39.51	ng	99
33) 4-Chloroaniline	7.35	127	177636	18.04	ng	# 94
34) Hexachlorobutadiene	7.43	225	137433	39.11	ng	97
35) Caprolactam	7.80	113	70478m	32.91	ng	
36) 4-Chloro-3-methylphenol	7.98	107	273755	38.32	ng	88
37) 2-Methylnaphthalene	8.12	142	632832	39.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	249187	40.80	ng	99
40) Hexachlorocyclopentadiene	8.31	237	73492	29.74	ng	98
42) 2,4,6-Trichlorophenol	8.48	196	169147	39.43	ng	98

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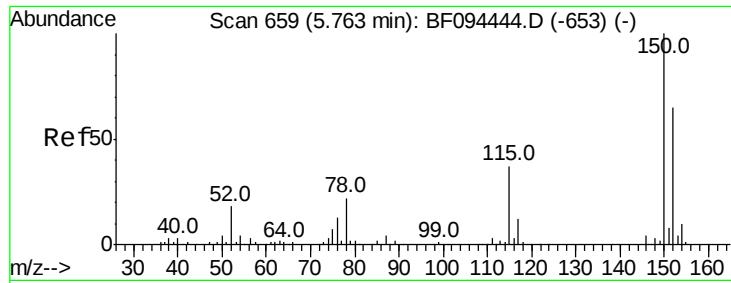
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	8.54	196	169017	38.37	nq	#	92
45) 1,1'-Biphenyl	8.69	154	715001	40.80	nq		98
46) 2-Chloronaphthalene	8.71	162	559643	40.16	nq		94
47) 2-Nitroaniline	8.85	65	164164	40.95	nq	#	79
48) Acenaphthylene	9.21	152	841382	38.73	nq		98
49) Dimethylphthalate	9.08	163	790477	49.45	nq		99 mohammad
50) 2,6-Dinitrotoluene	9.15	165	142230	39.64	nq		98
51) Acenaphthene	9.42	154	509357	39.15	nq		99
52) 3-Nitroaniline	9.35	138	128882	31.05	nq		92
53) 2,4-Dinitrophenol	9.51	184	3643	7.49	nq	#	74
54) Dibenzofuran	9.64	168	747699	39.54	nq		97 4/26/2017 2:21:01 PM
55) 4-Nitrophenol	9.61	139	154331m	52.62	nq		
56) 2,4-Dinitrotoluene	9.65	165	179630	40.80	nq	#	83
57) Fluorene	10.06	166	567830	38.56	nq		100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	114548	36.28	nq		93
59) Diethylphthalate	9.95	149	623683	41.35	nq		99
60) 4-Chlorophenyl-phenylether	10.07	204	250811	40.93	nq		94
61) 4-Nitroaniline	10.11	138	141408	33.51	nq		95
62) Azobenzene	10.26	77	587945	40.15	nq		97
64) 4,6-Dinitro-2-methylphenol	10.15	198	10948	4.89	nq	#	68
65) n-Nitrosodiphenylamine	10.22	169	523456	44.08	nq		99
66) 4-Bromophenyl-phenylether	10.67	248	149584	44.12	nq		96
67) Hexachlorobenzene	10.74	284	139115	40.72	nq	#	85
68) Atrazine	10.89	200	152123	42.82	nq		95
69) Pentachlorophenol	10.99	266	99844	73.60	nq		97
70) Phenanthrene	11.24	178	765785	39.83	nq		98
71) Anthracene	11.30	178	783863	39.41	nq		99
72) Carbazole	11.51	167	718915	38.51	nq		98
73) Di-n-butylphthalate	11.96	149	933422	45.42	nq		98
74) Fluoranthene	12.69	202	690373	34.65	nq		99
76) Benzidine	12.88	184	350880	34.69	nq	#	93
77) Pyrene	12.97	202	681206	39.03	nq		98
79) Butylbenzylphthalate	13.79	149	326842	42.73	nq		89
80) Benzo(a)anthracene	14.45	228	561435	38.67	nq		98
81) 3,3'-Dichlorobenzidine	14.42	252	191221	37.20	nq	#	96
82) Chrysene	14.49	228	520686	39.24	nq		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	458487	44.65	nq	#	99
84) Di-n-octyl phthalate	15.27	149	754883	43.82	nq		98
85) Indeno(1,2,3-cd)pyrene	17.36	276	489450	38.77	nq		100
87) Benzo(b)fluoranthene	15.68	252	542197	37.65	nq		98
88) Benzo(k)fluoranthene	15.71	252	546436	40.10	nq		96
89) Benzo(a)pyrene	16.03	252	523842	39.10	nq		99
90) Dibenzo(a,h)anthracene	17.37	278	414570	37.27	nq		96
91) Benzo(g,h,i)perylene	17.73	276	382676	33.79	nq		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

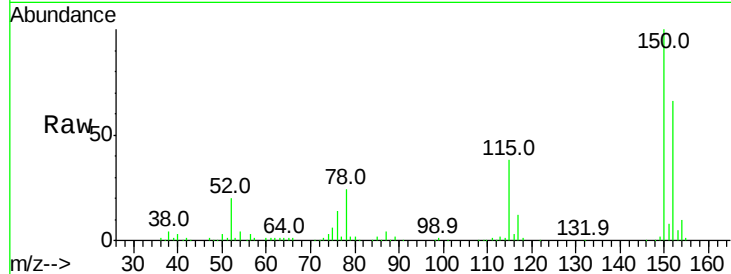
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
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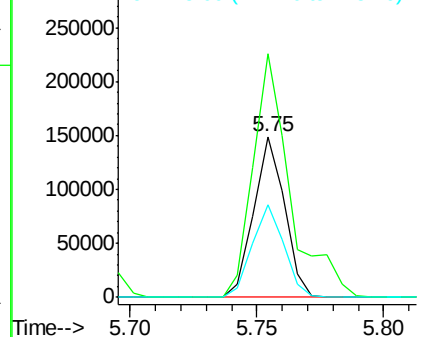
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.2	189.2
115	57.2	52.2	78.2

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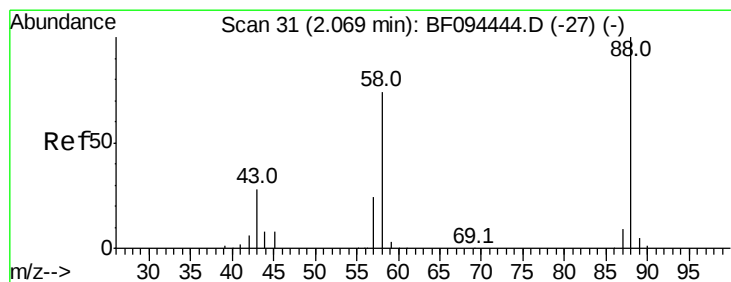
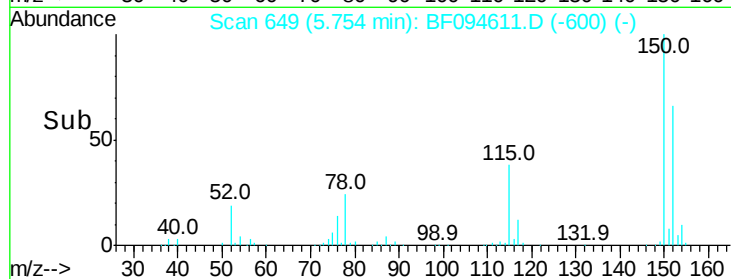


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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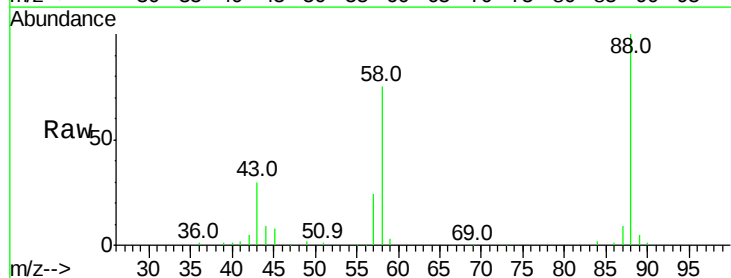
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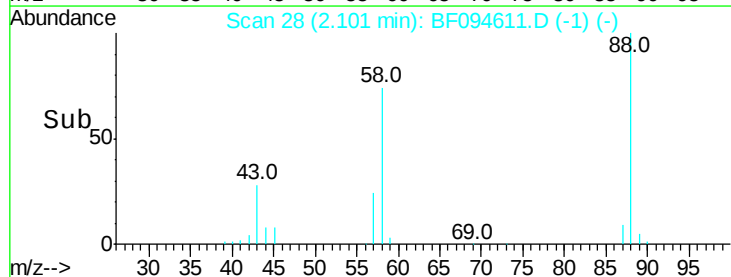
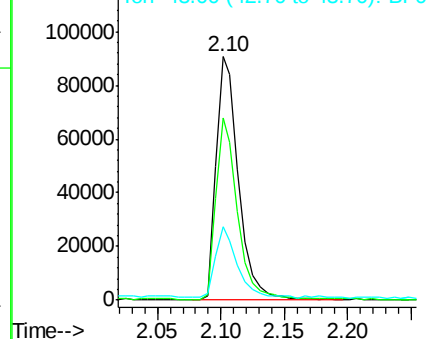
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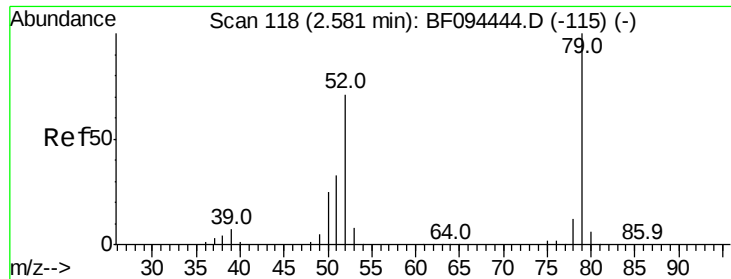
1,4-Dioxane
Concen: 25.43 ng
RT: 2.10 min Scan# 28
Delta R.T. 0.03 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	61.4	92.0
43	28.5	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





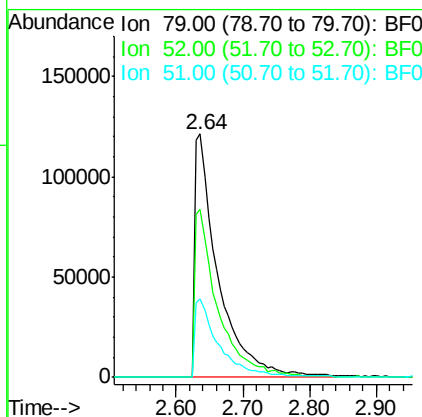
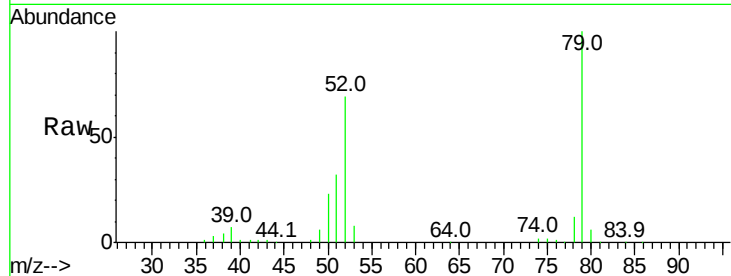
#3
 Pvridine
 Concen: 29.63 ng
 RT: 2.64 min Scan# 119
 Delta R.T. 0.06 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	54.8	82.2
51	32.0	27.0	40.4

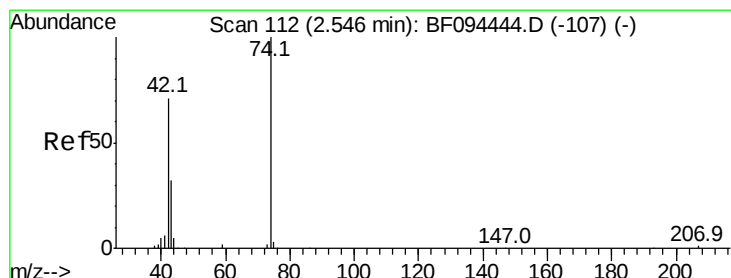
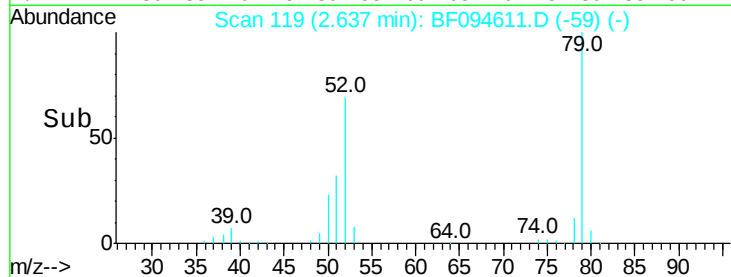
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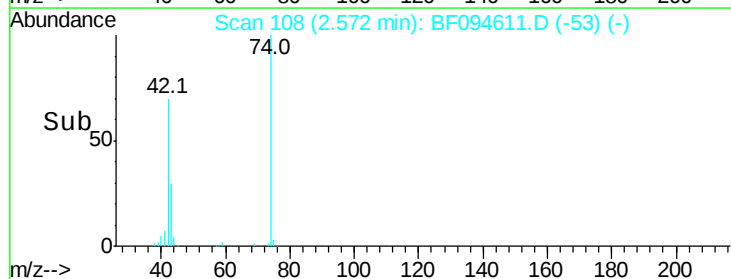
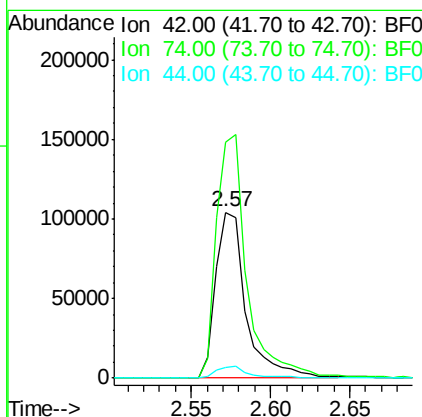
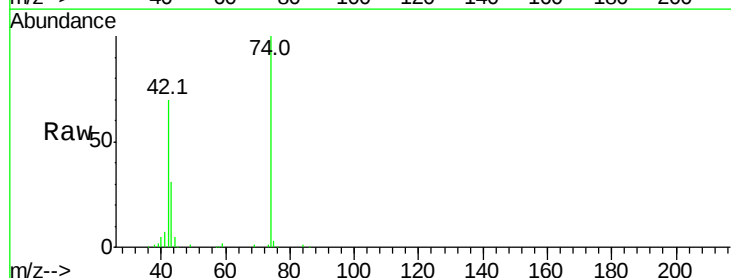
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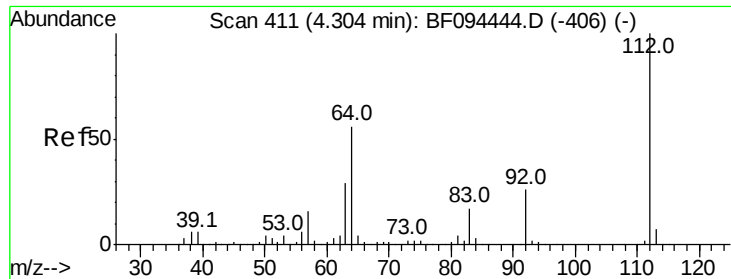
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#4
 n-Nitrosodimethylamine
 Concen: 34.61 ng
 RT: 2.57 min Scan# 108
 Delta R.T. 0.03 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.9	103.9	155.9
44	6.4	5.7	8.5





#5

2-Fluorophenol

Concen: 111.92 ng

RT: 4.31 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

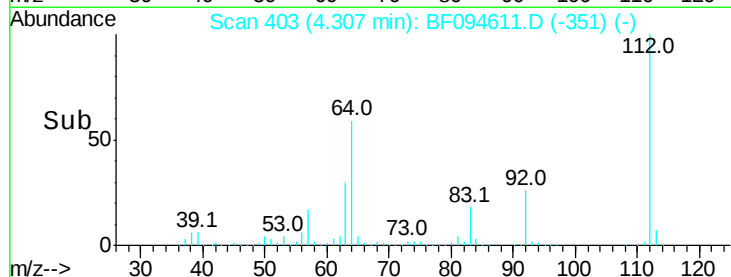
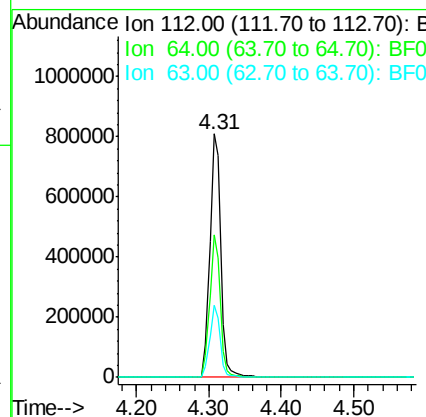
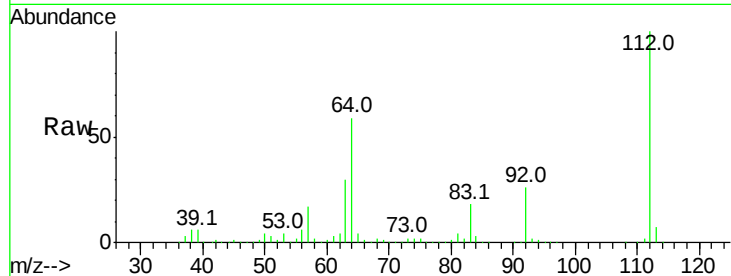
ClientSampleId :

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Tot Ion:	112	Resp:	853673
Ion Ratio	Lower	Upper	
112	100		
64	58.6	46.0	69.0
63	29.7	23.4	35.0

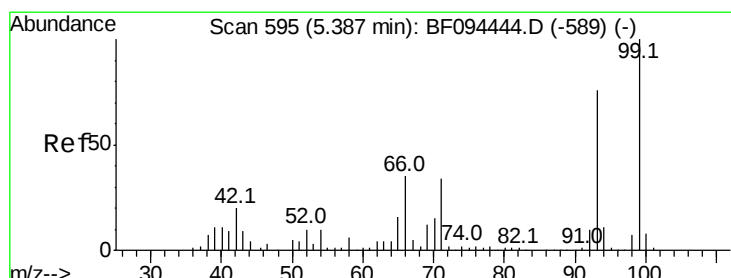
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#6

Aniline

Concen: 31.16 ng

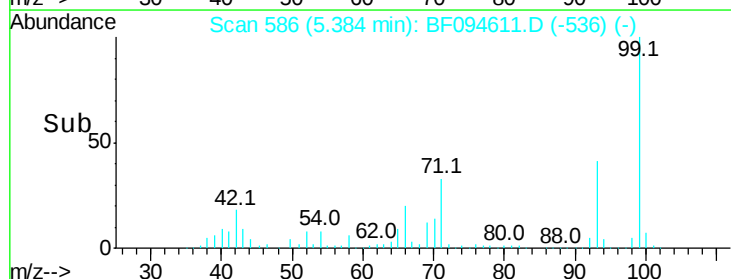
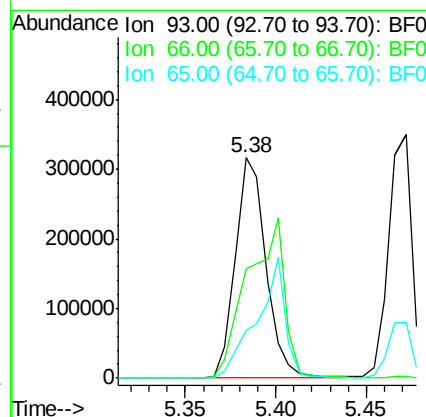
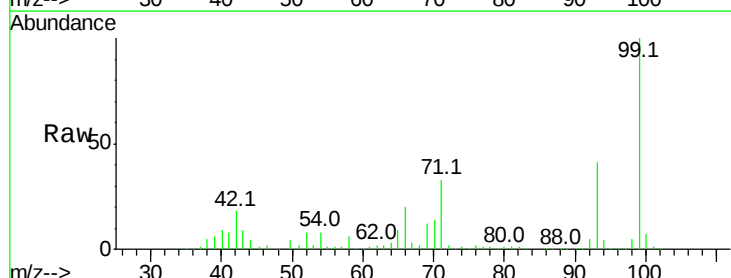
RT: 5.38 min Scan# 586

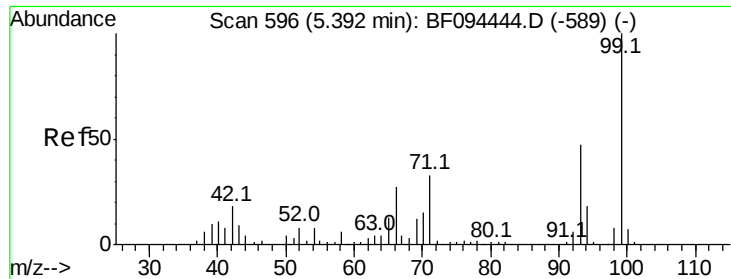
Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:	93	Resp:	372322
Ion Ratio	Lower	Upper	
93	100		
66	49.6	32.9	49.3#
65	21.5	16.0	24.0





#7

Phenol-d6

Concen: 113.70 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

MARJON-SEMS

Tot Ion: 99 Resp: 1022364

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

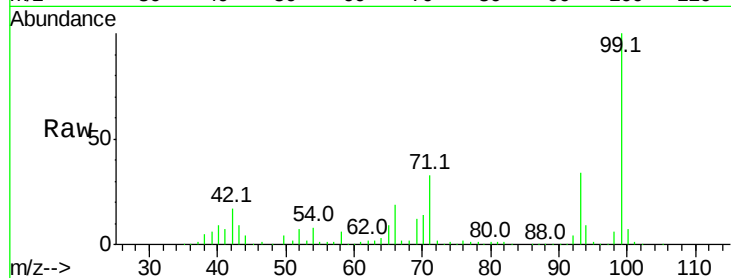
71 32.8 24.5 36.7

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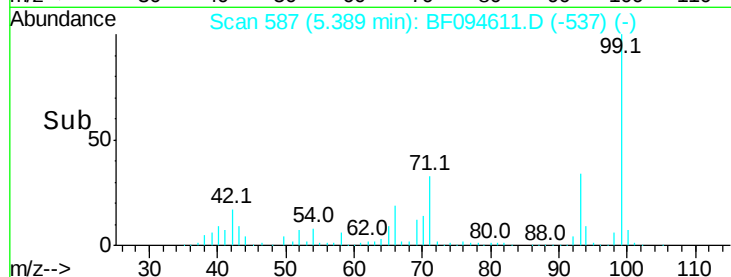
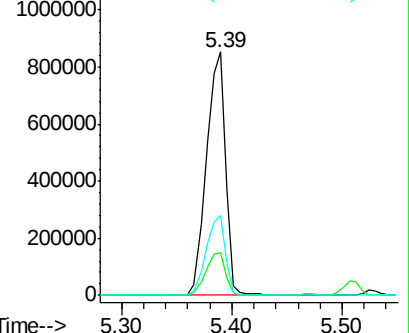
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Abundance Ion 99.00 (98.70 to 99.70): BF0

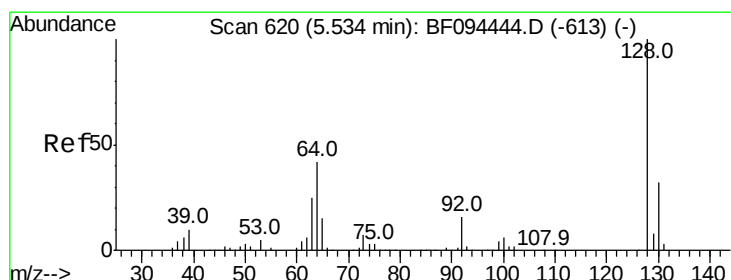
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 38.77 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

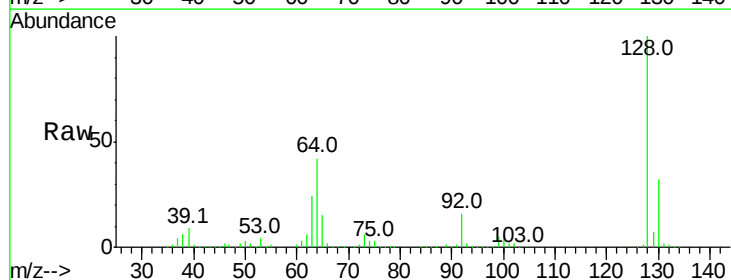
Tgt Ion:128 Resp: 336493

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

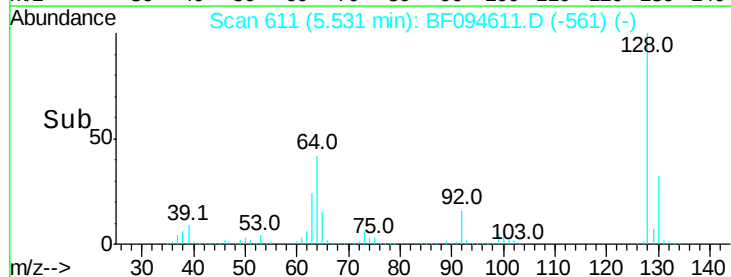
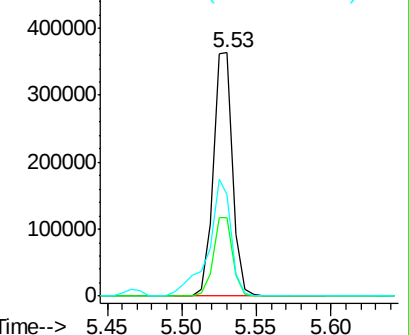
64 41.6 28.4 68.4

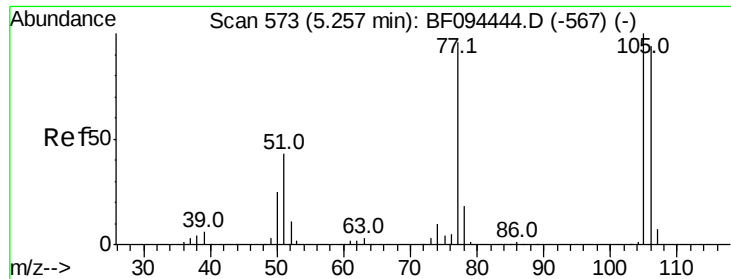


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





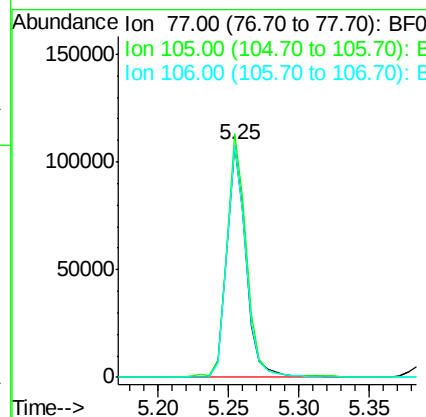
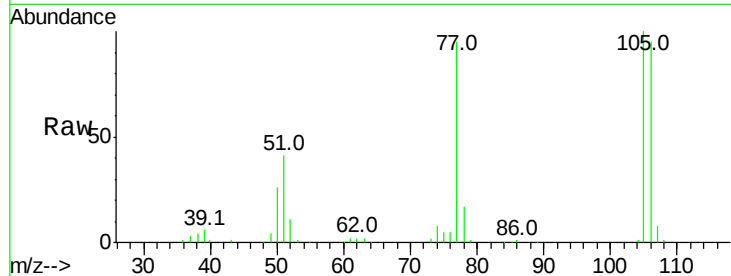
#9
Benzaldehyde
Concen: 14.92 ng
RT: 5.25 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion: 77 Resp: 102058
Ion Ratio Lower Upper
77 100
105 104.7 83.8 123.8
106 99.9 79.1 119.1

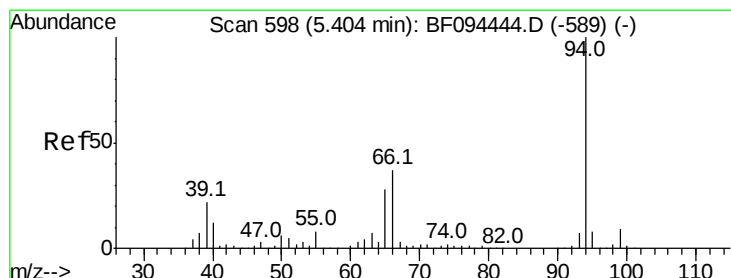
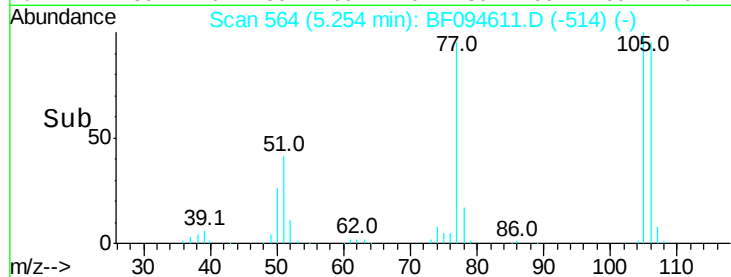
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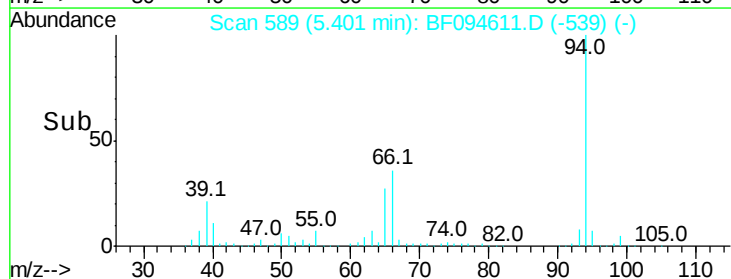
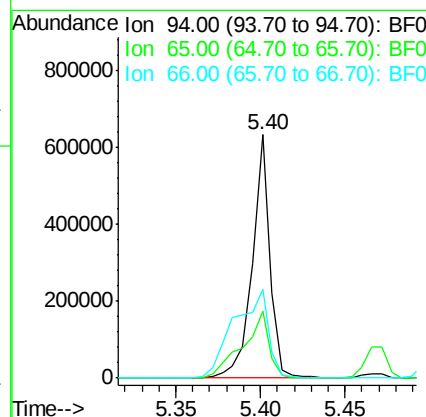
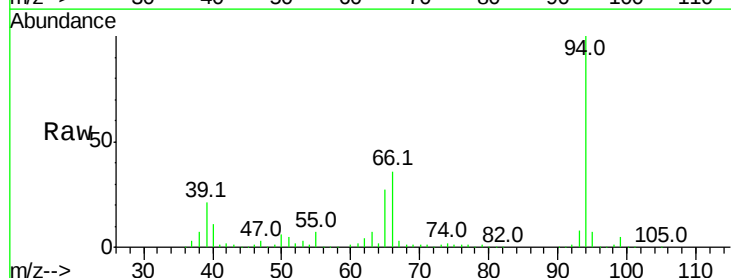
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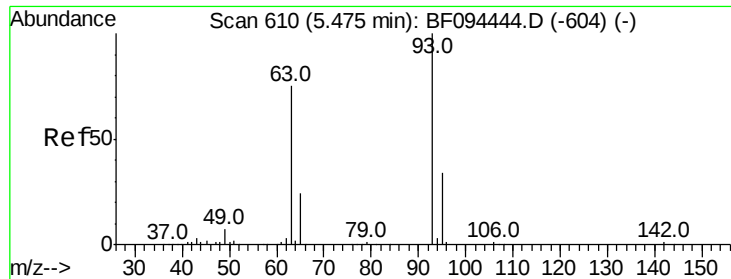
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#10
Phenol
Concen: 42.28 ng
RT: 5.40 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion: 94 Resp: 467042
Ion Ratio Lower Upper
94 100
65 27.4 9.9 49.9
66 36.4 23.1 63.1





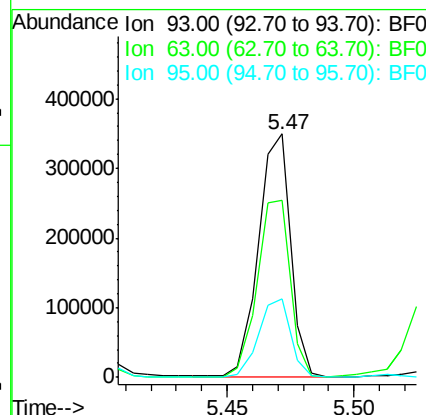
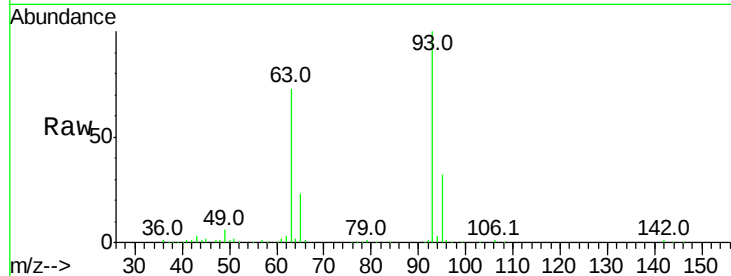
#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
93	100	309215		
63	73.0		59.2	99.2
95	32.1		12.8	52.8

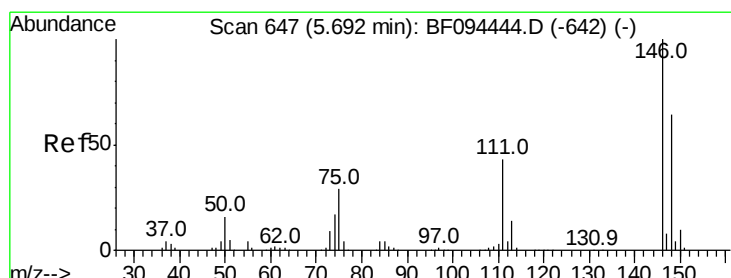
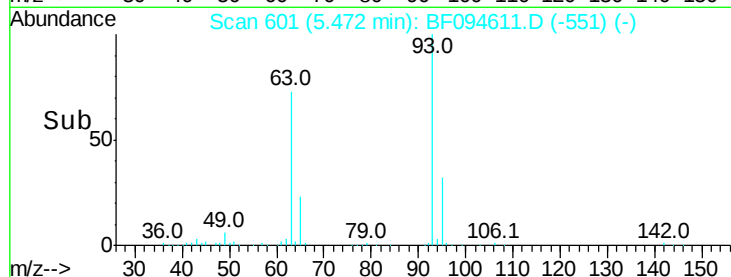
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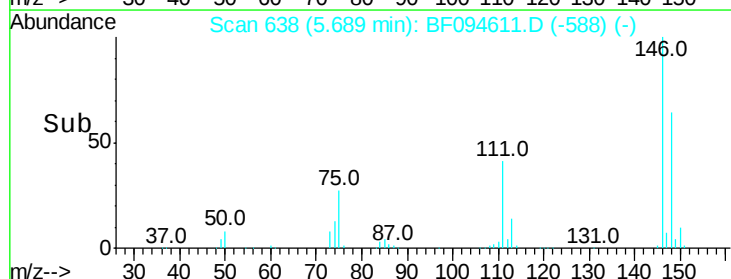
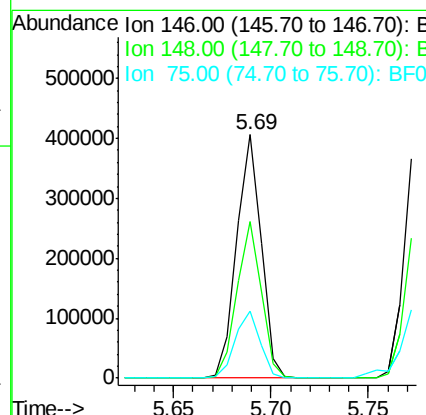
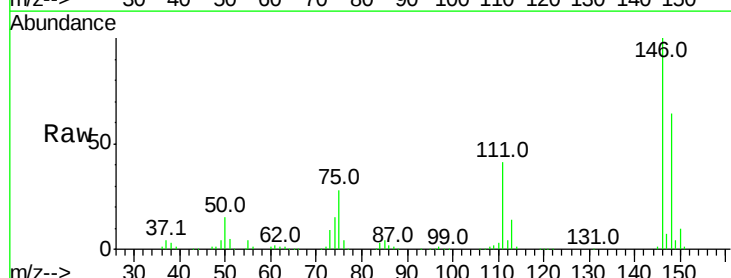
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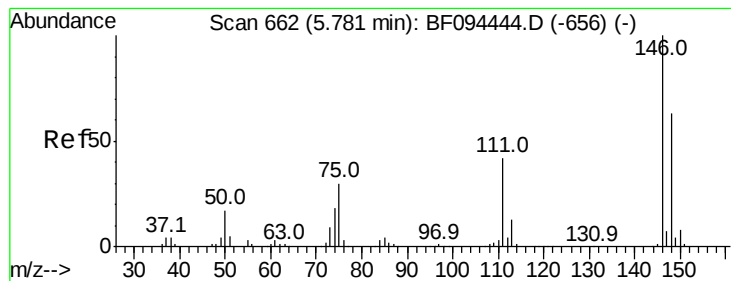
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#12
1,3-Dichlorobenzene
Concen: 36.97 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	355541		
148	64.2		51.8	77.6
75	27.6		23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.33 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

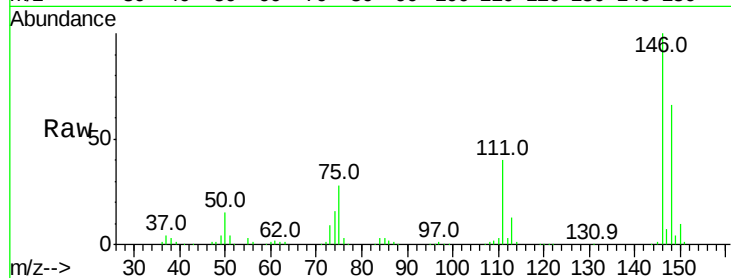
ClientSampleId :

MARJON-SEMS

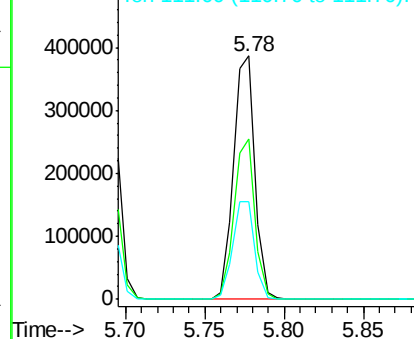
Tot Ion:	146	Resp:	361157
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.2	78.2
111	40.2	30.3	45.5

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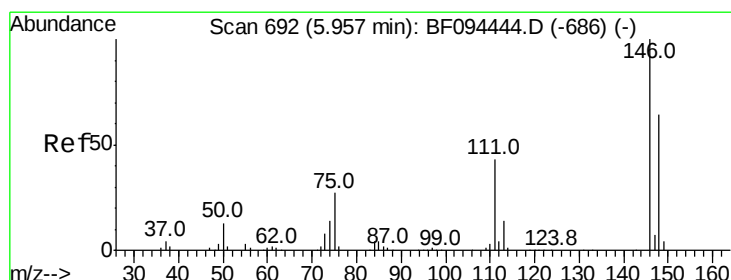
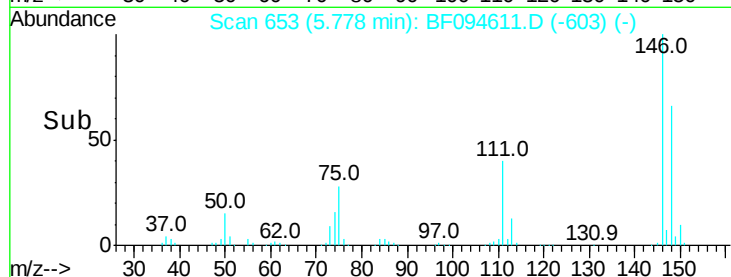


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 37.80 ng

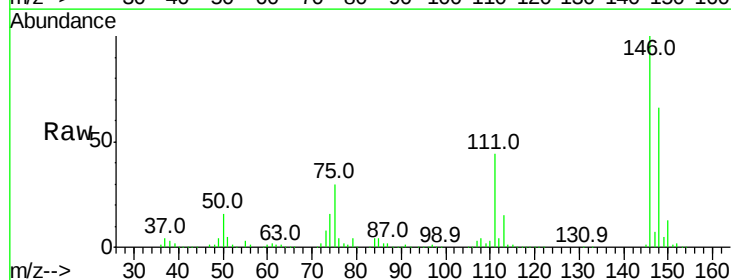
RT: 5.95 min Scan# 682

Delta R.T. -0.01 min

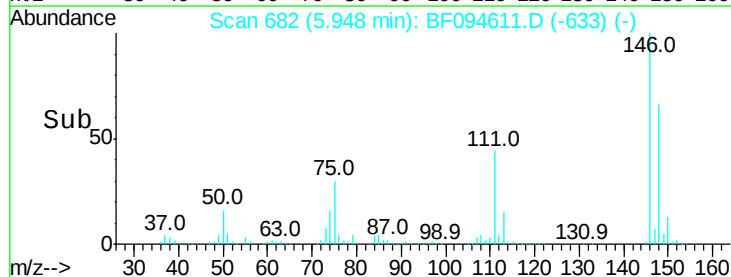
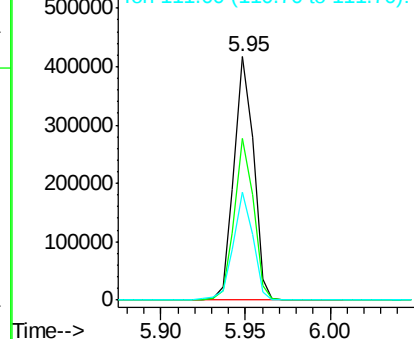
Lab File: BF094611.D

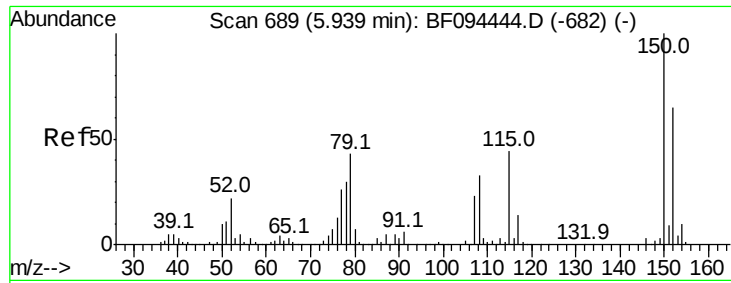
Acq: 25 Apr 2017 18:00

Tgt Ion:	146	Resp:	336868
Ion Ratio	Lower	Upper	
146	100		
148	66.4	50.4	75.6
111	44.4	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





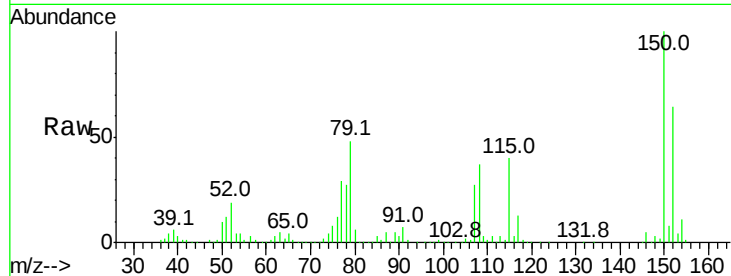
#15
Benzyl Alcohol
Concen: 37.97 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
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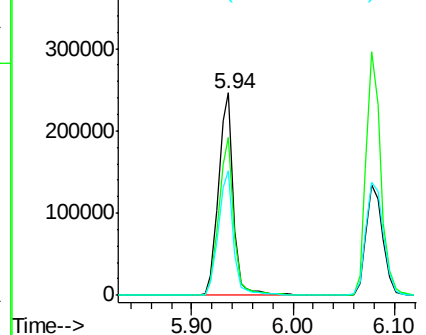
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.0	63.4	95.0
77	61.4	49.2	73.8

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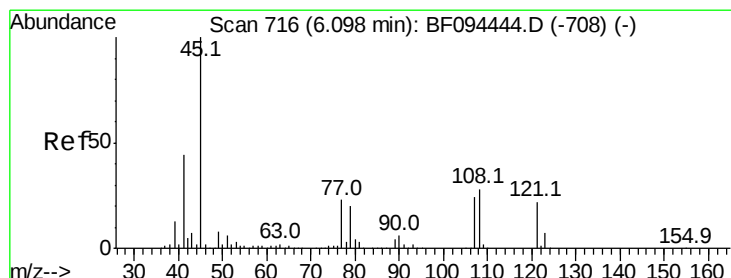
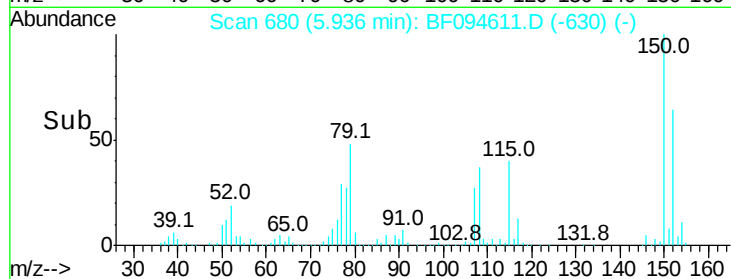


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



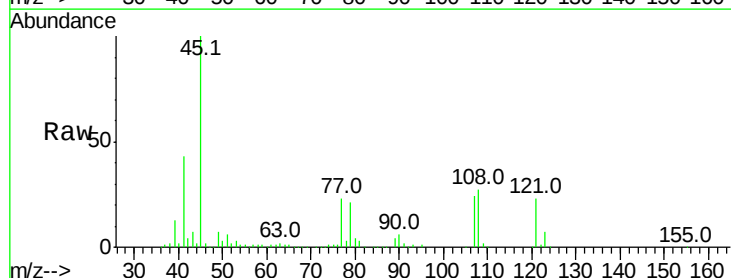
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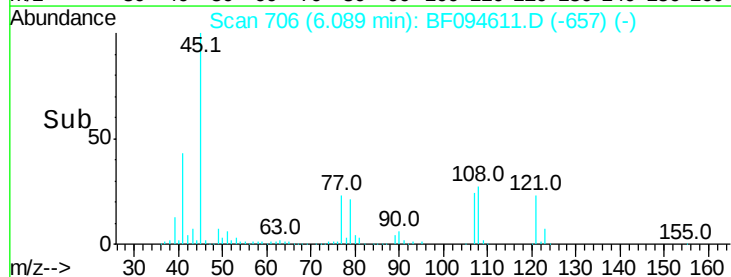
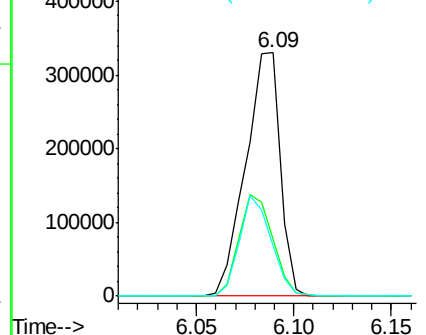


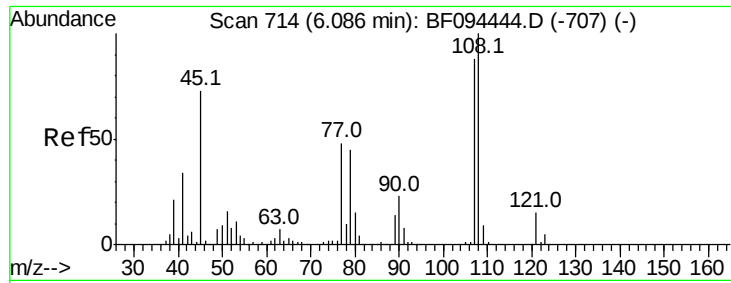
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.44 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	0.0	33.2
79	20.6	0.0	30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





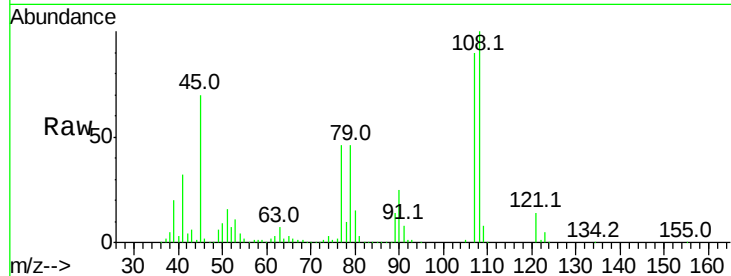
#17
2-Methylphenol
Concen: 38.82 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
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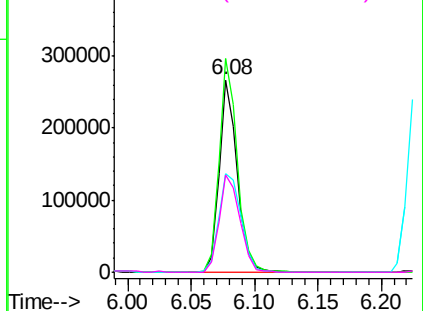
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.1	93.4	140.0		
77	51.6	35.8	53.6		
79	50.7	34.8	52.2		

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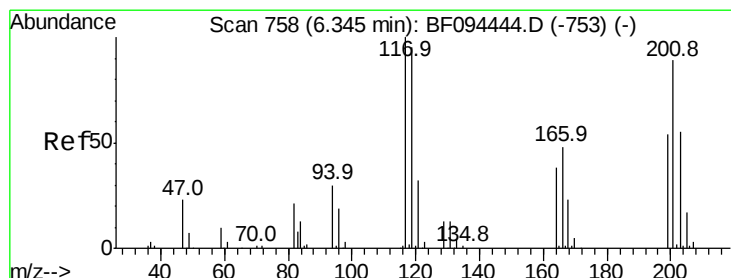
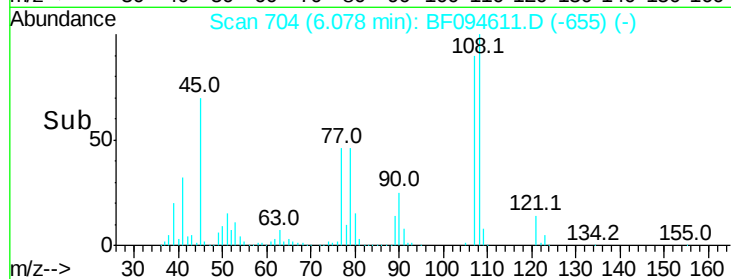


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



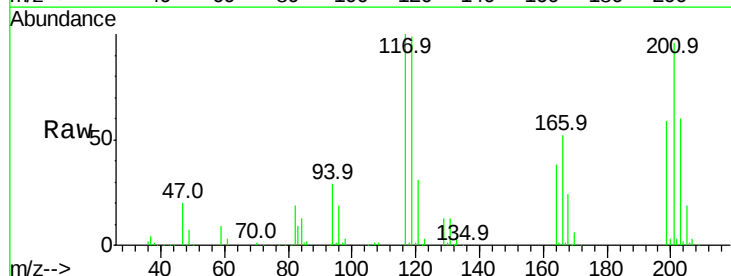
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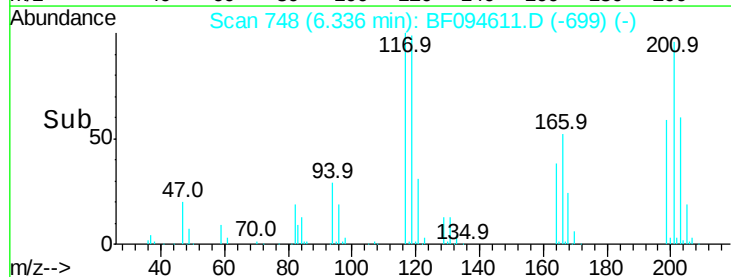
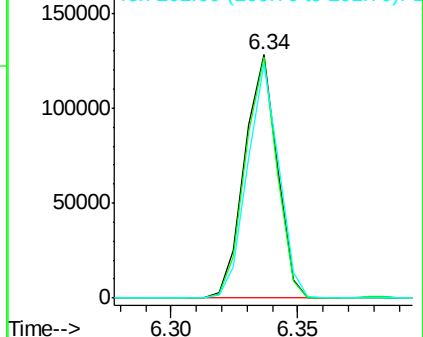


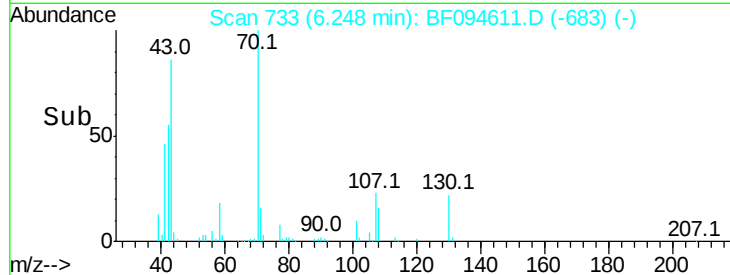
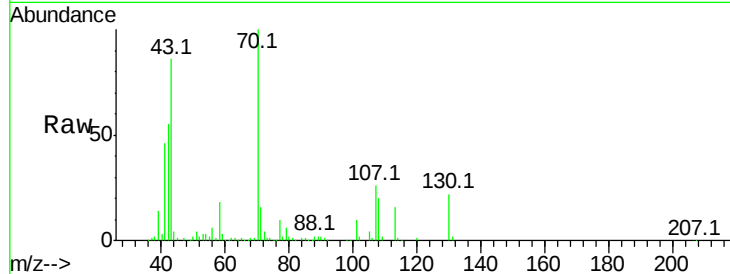
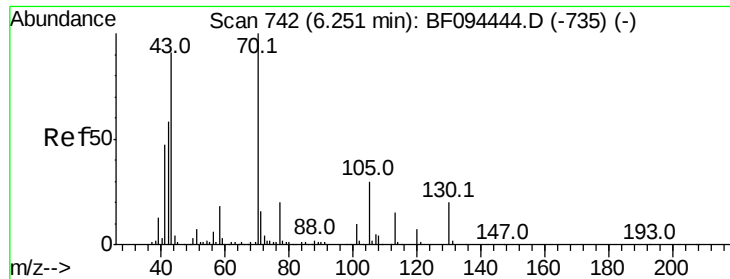
#18
Hexachloroethane
Concen: 34.43 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	98.9	77.4	116.0		
201	96.4	94.6	141.8		



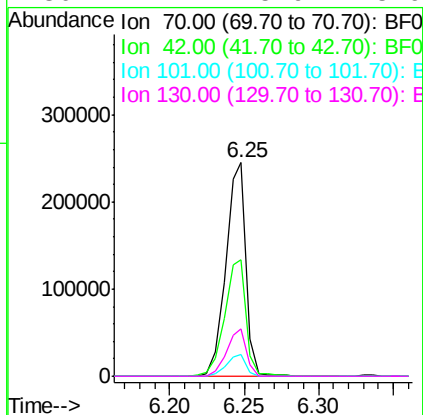
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 39.10 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.7	47.2	70.8	
101	10.4	7.2	10.8	
130	22.4	15.9	23.9	



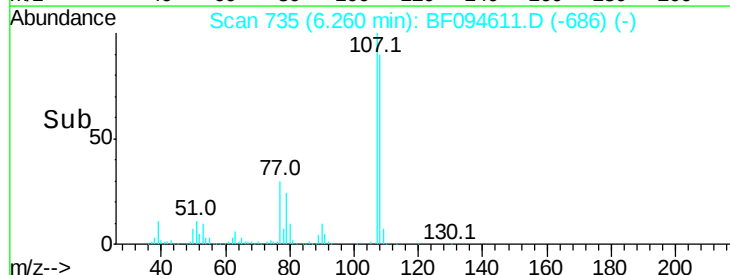
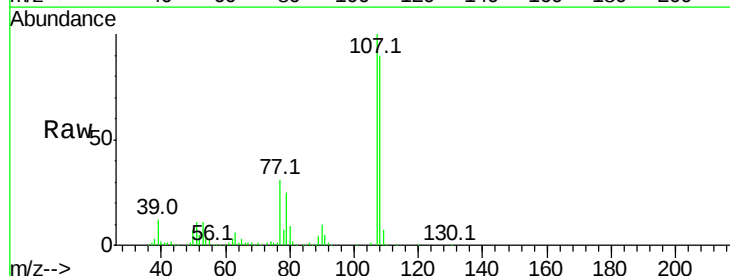
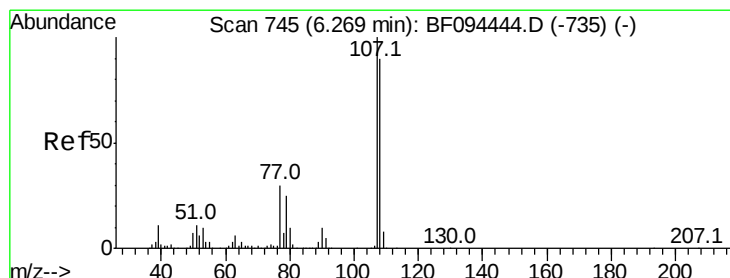
Instrument :
BNA_F
ClientSampleId :
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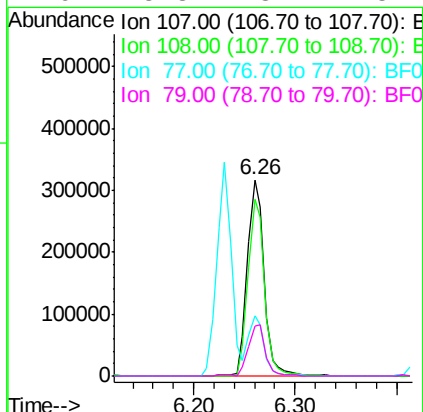
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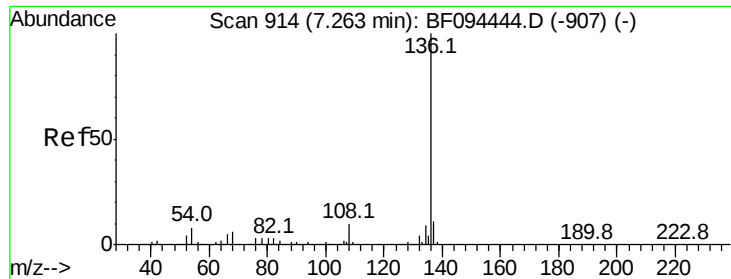
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#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	71.0	111.0	
77	30.7	90.5	130.5#	
79	25.3	8.4	48.4	





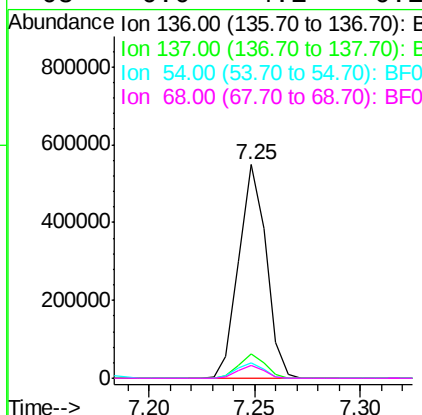
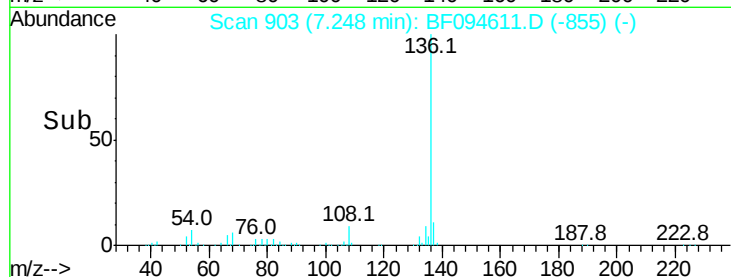
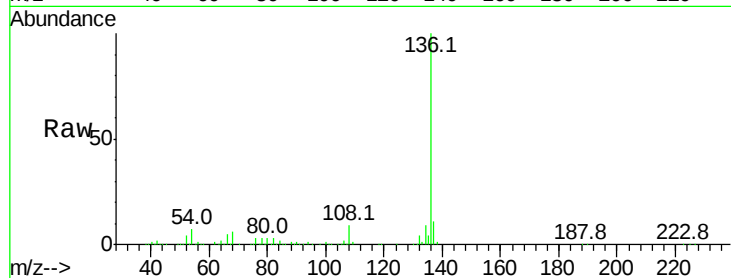
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
136	100	492384		
137	11.4	8.5	12.7	
54	7.4	4.9	7.3#	
68	6.0	4.1	6.1	

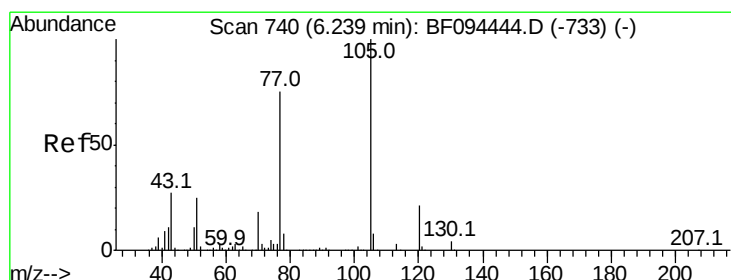
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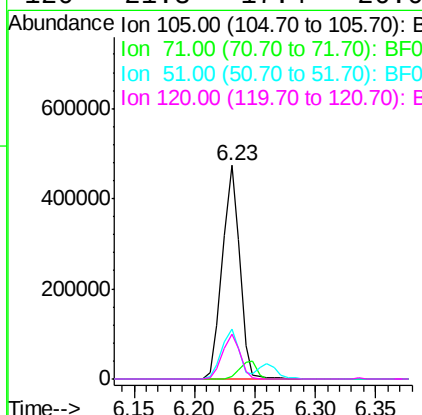
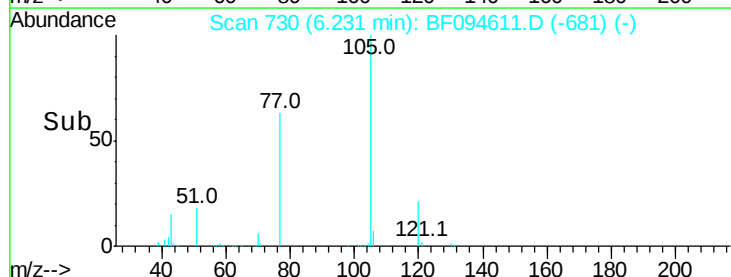
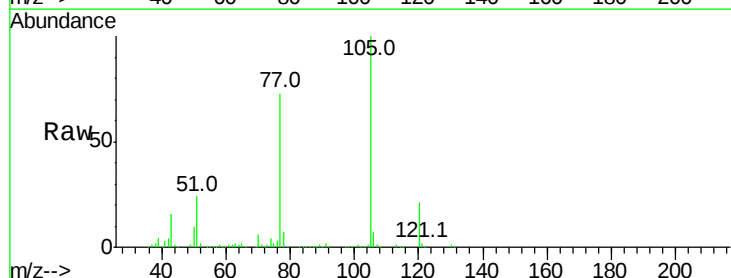
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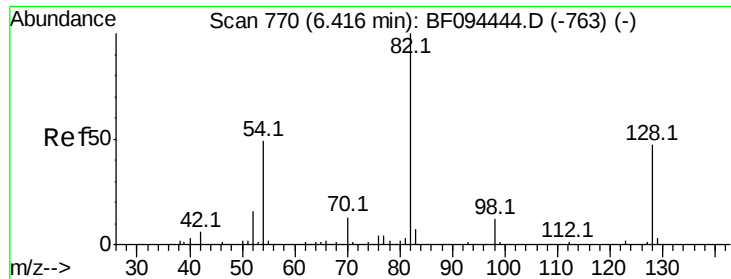
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#22
Acetophenone
Concen: 39.39 ng
RT: 6.23 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	471593		
71	1.1	2.8	4.2#	
51	23.6	30.7	46.1#	
120	21.3	17.4	26.0	





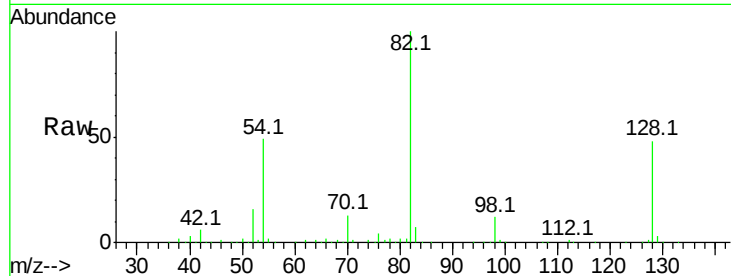
#23
Nitrobenzene-d5
Concen: 79.90 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

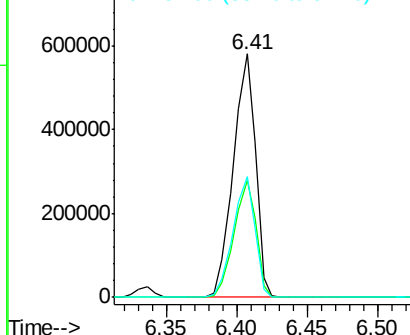
Tot Ion	Ratio	Resp	Lower	Upper
82	100	637139		
128	48.0		34.0	51.0
54	49.3		42.2	63.2

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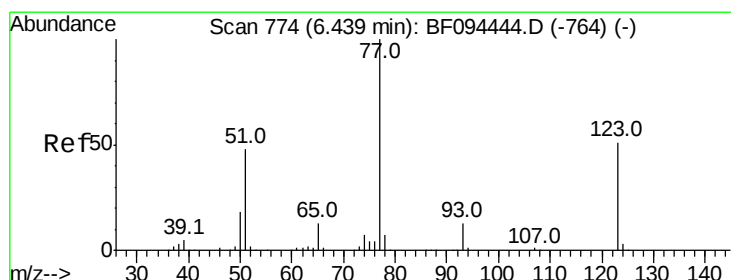
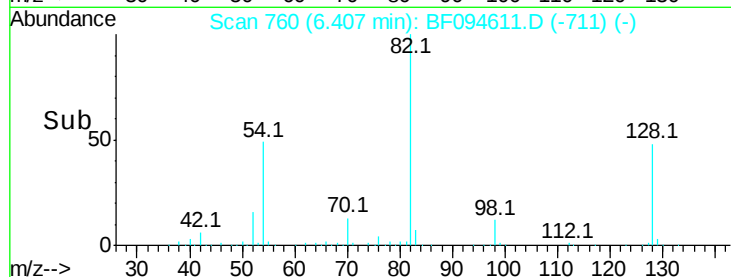


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



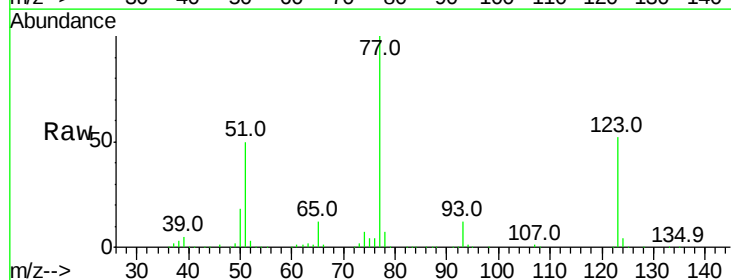
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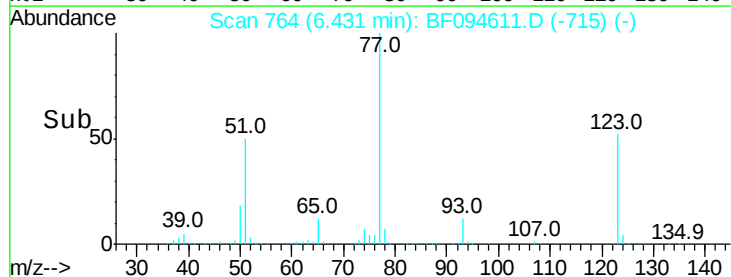
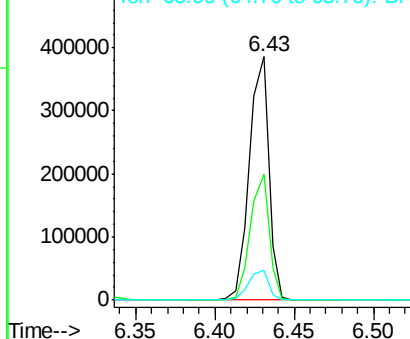


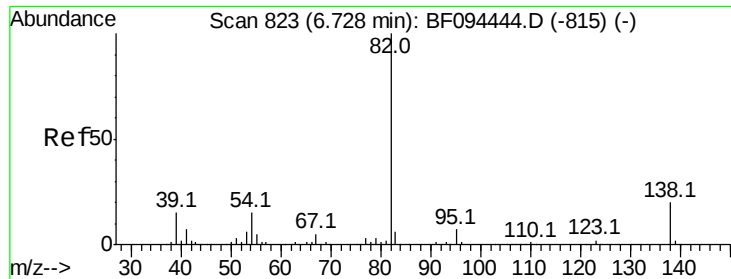
#24
Nitrobenzene
Concen: 39.45 ng
RT: 6.43 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	331241		
123	51.8		35.8	53.8
65	12.4		10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.04 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

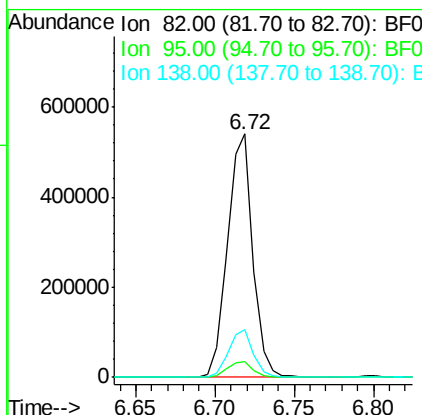
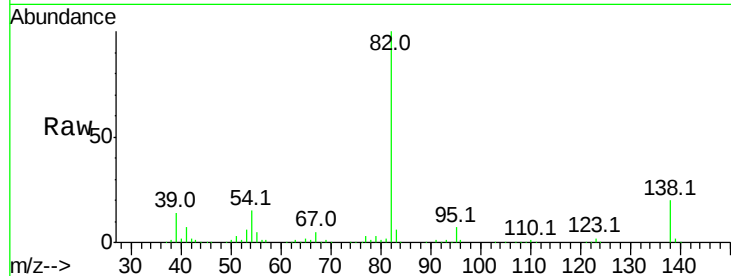
ClientSampleId :

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Tot Ion:	82	Resp:	591858
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	19.6	13.1	19.7

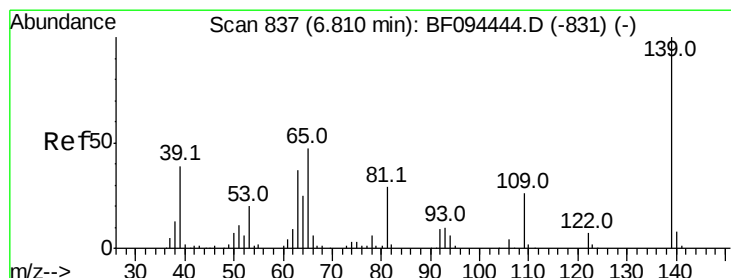
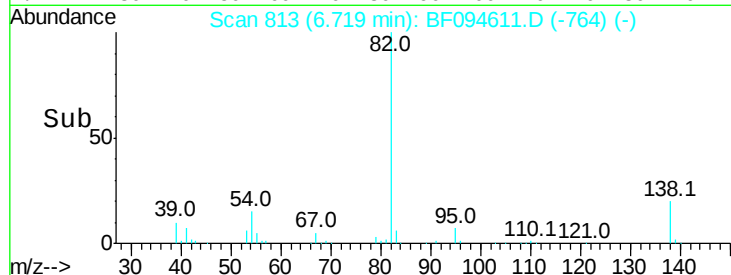
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#26

2-Nitrophenol

Concen: 36.80 ng

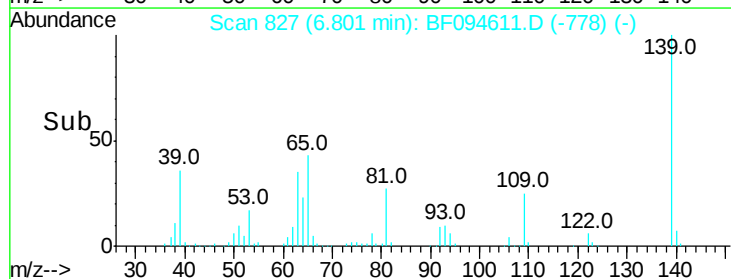
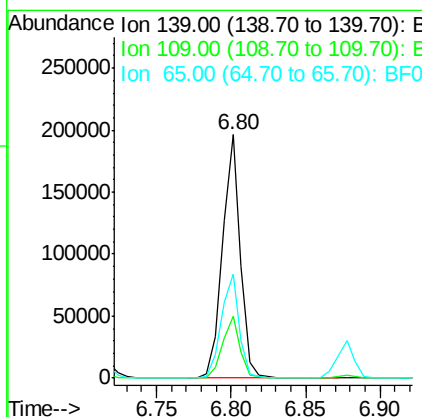
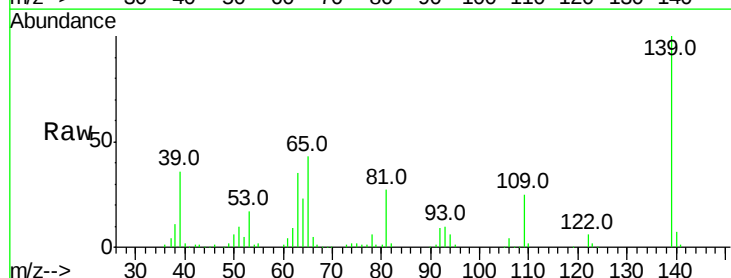
RT: 6.80 min Scan# 827

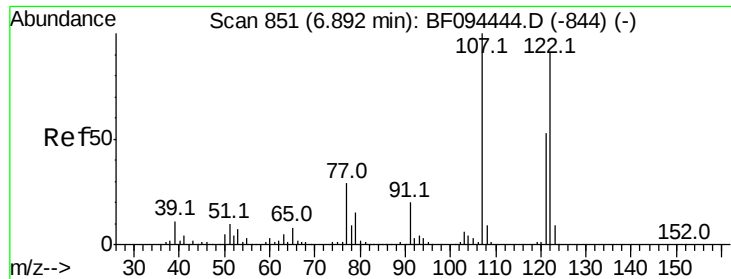
Delta R.T. -0.01 min

Lab File: BF094611.D

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Tgt Ion:	139	Resp:	166013
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.0	31.6
65	42.7	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 39.26 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

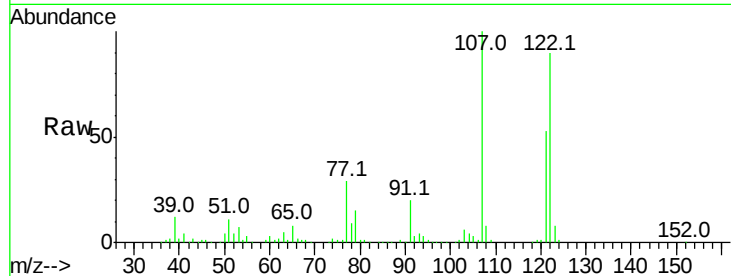
ClientSampleId :

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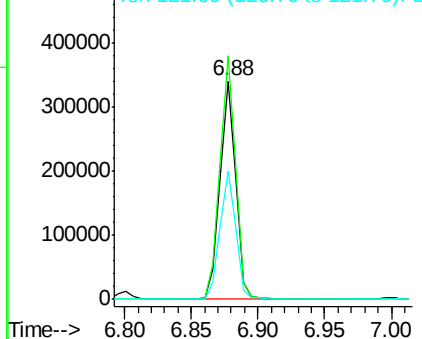
Tot Ion:	122	Resp:	287678
Ion Ratio	Lower	Upper	
122	100		
107	111.5	89.2	133.8
121	58.6	45.2	67.8

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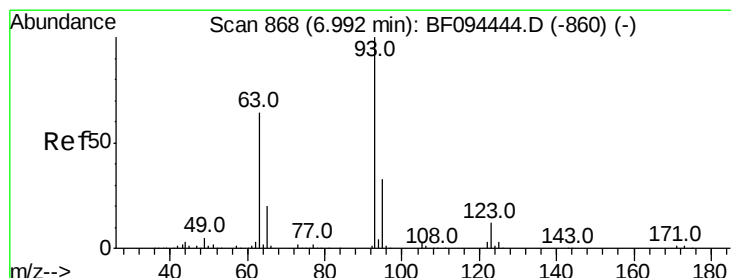
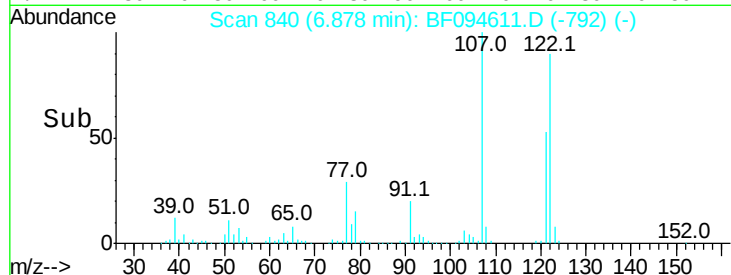


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 40.14 ng

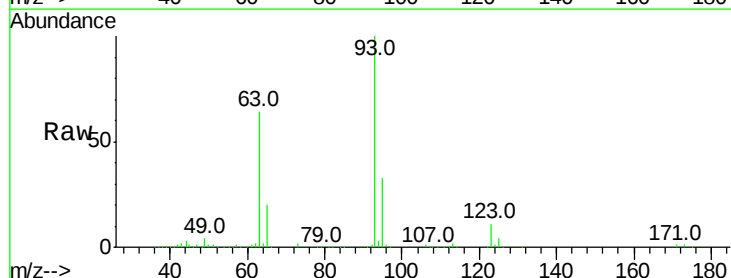
RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

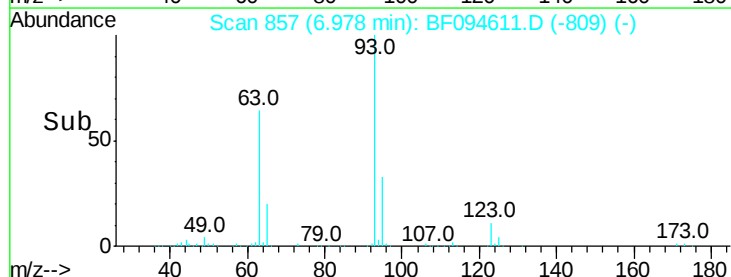
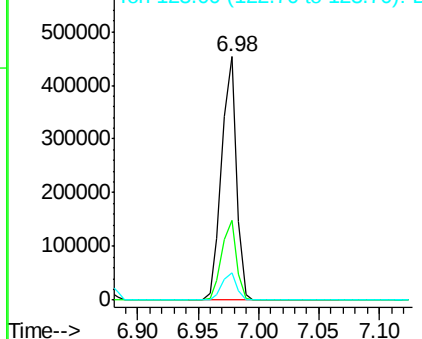
Lab File: BF094611.D

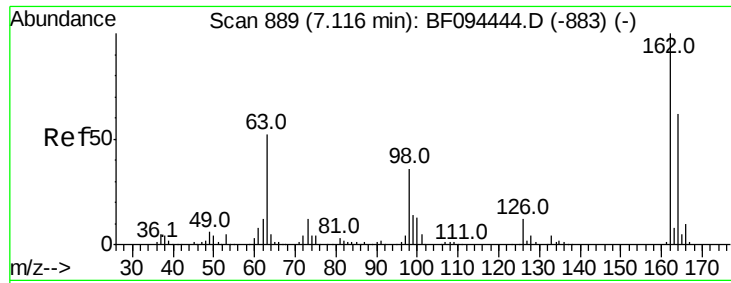
Acq: 25 Apr 2017 18:00

Tgt Ion:	93	Resp:	383788
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	11.0	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





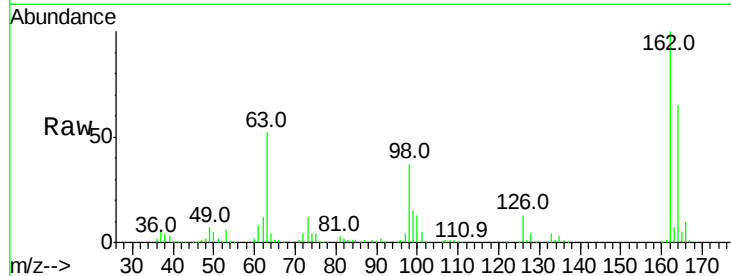
#29
 2,4-Dichlorophenol
 Concen: 39.90 ng
 RT: 7.10 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

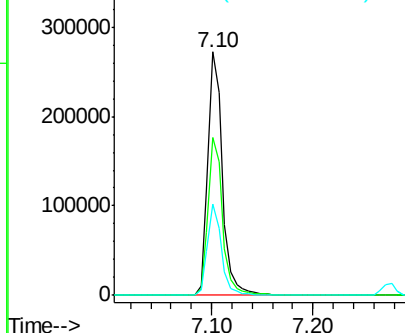
Tot Ion	Ratio	Resp	Lower	Upper
162	100	272021		
164	64.8	44.6	84.6	
98	37.5	14.8	54.8	

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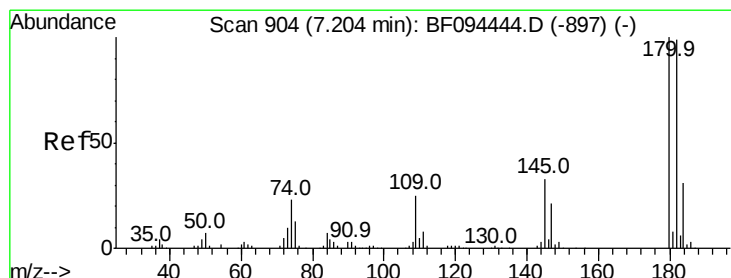
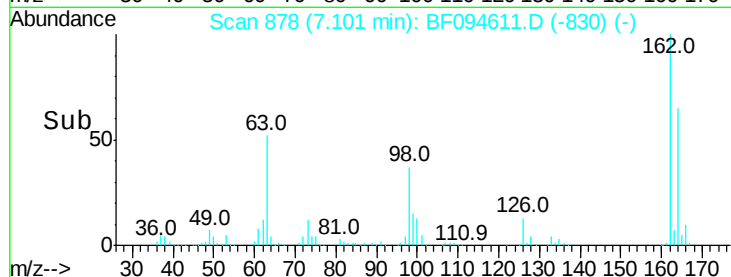


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



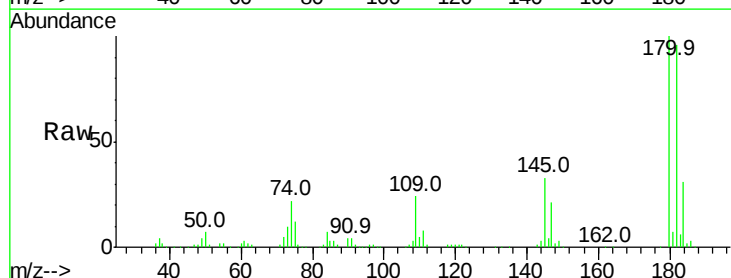
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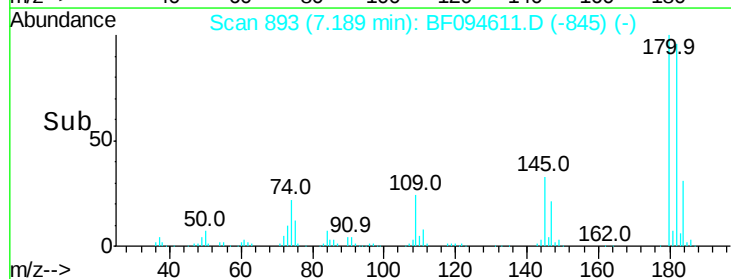
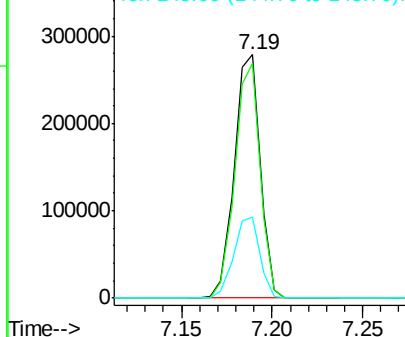


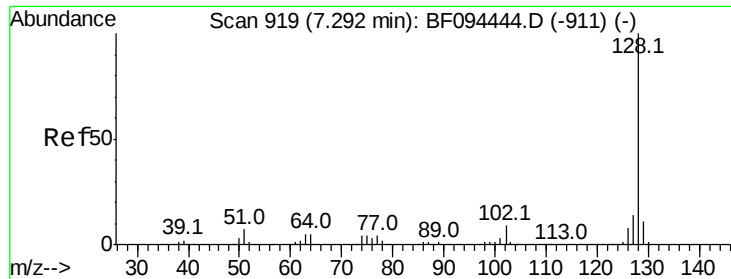
#30
 1,2,4-Trichlorobenzene
 Concen: 39.37 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277442		
182	96.3	75.8	113.6	
145	33.2	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





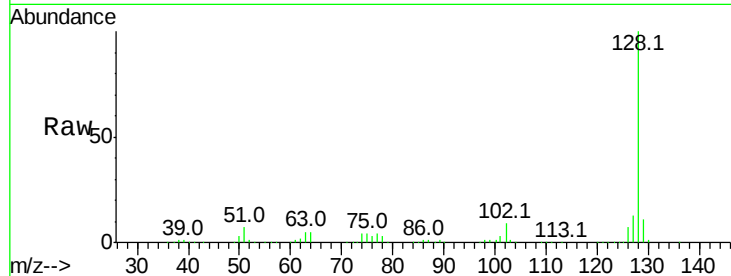
#31
Naphthalene
Concen: 39.51 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
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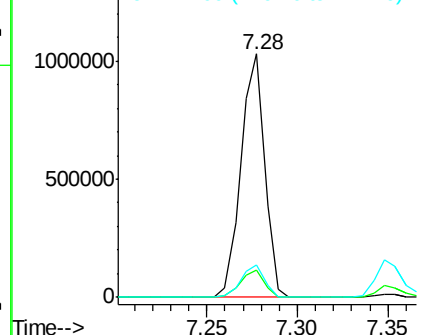
Tot Ion:	128	Resp:	935309
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.2	10.8	16.2

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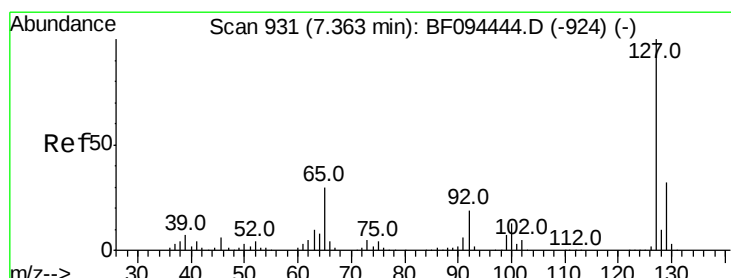
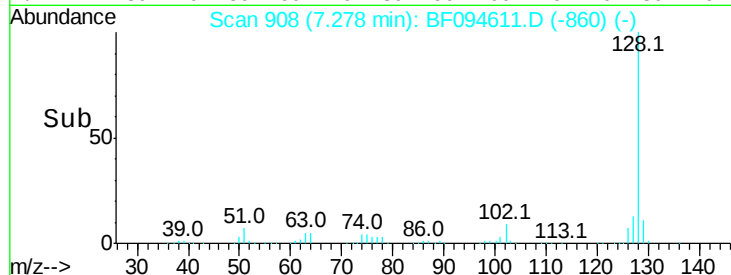


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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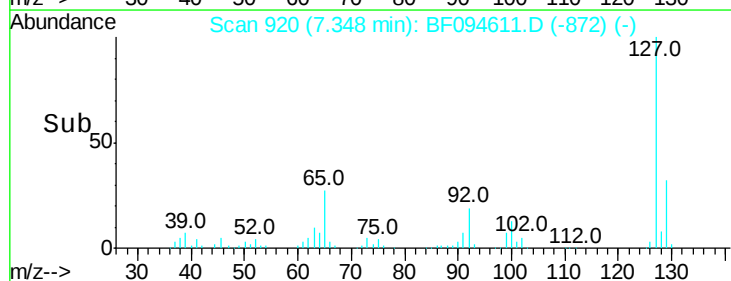
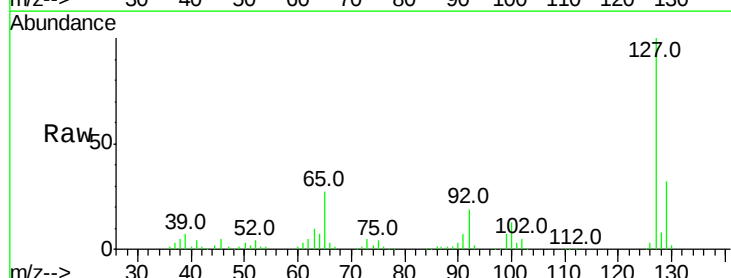
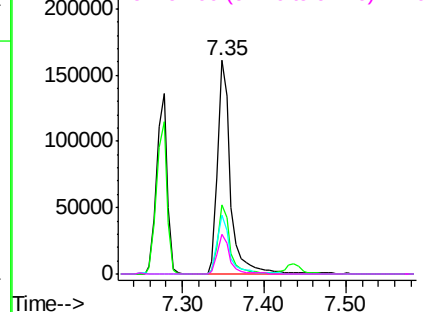
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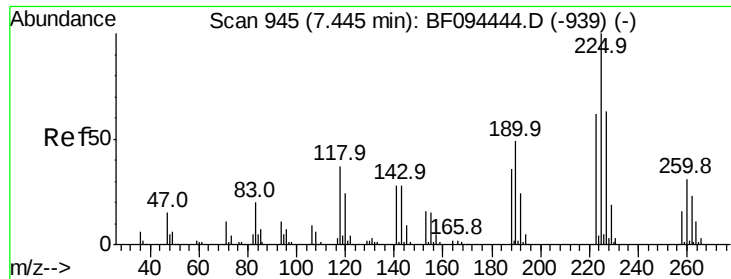


#33
4-Chloroaniline
Concen: 18.04 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:	127	Resp:	177636
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.2	39.2
65	27.3	27.8	41.8#
92	18.6	16.8	25.2

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





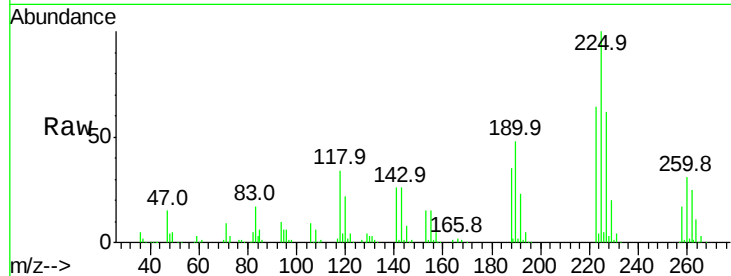
#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

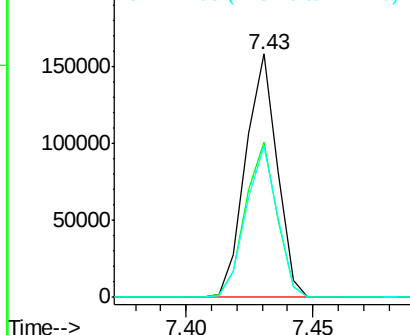
Tot Ion	Ratio	Resp	Lower	Upper
225	100	137433		
223	64.0	48.8	73.2	
227	62.1	51.1	76.7	

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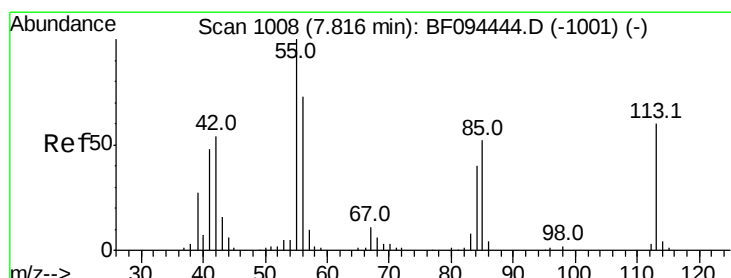
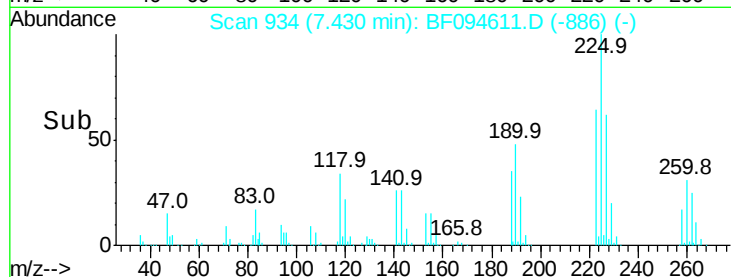


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



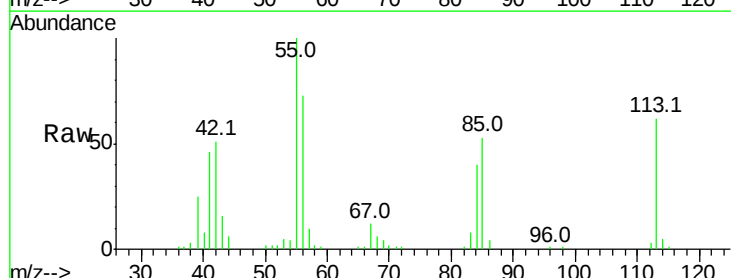
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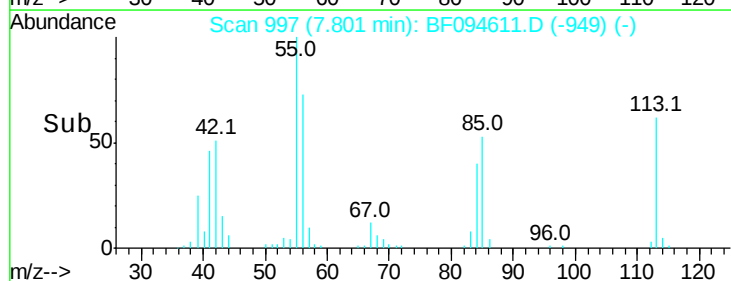
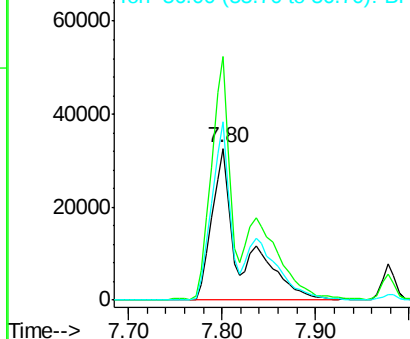


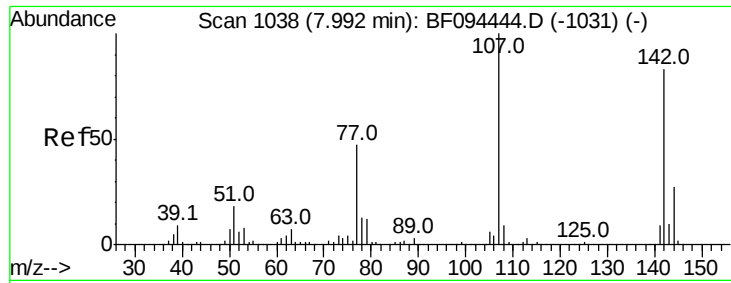
#35
Caprolactam
Concen: 32.91 ng m
RT: 7.80 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	70478		
55	160.2	150.2	190.2	
56	117.1	107.8	147.8	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





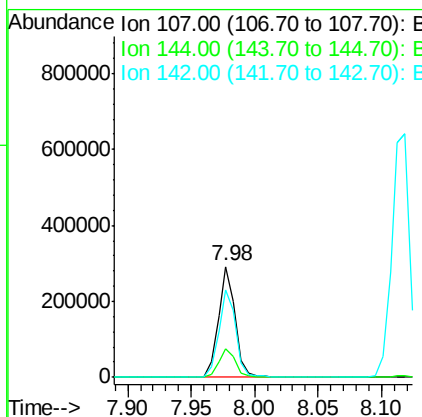
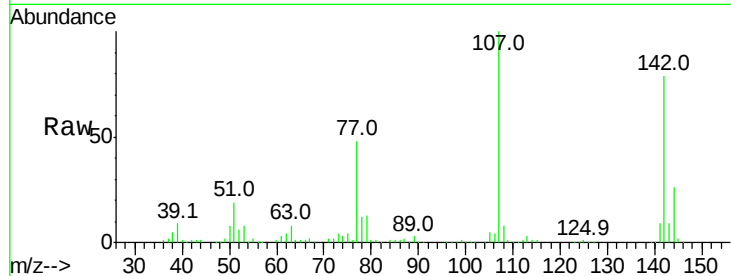
#36
 4-Chloro-3-methylphenol
 Concen: 38.32 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
107	100	273755		
144	25.9	24.2	36.4	
142	79.4	73.4	110.0	

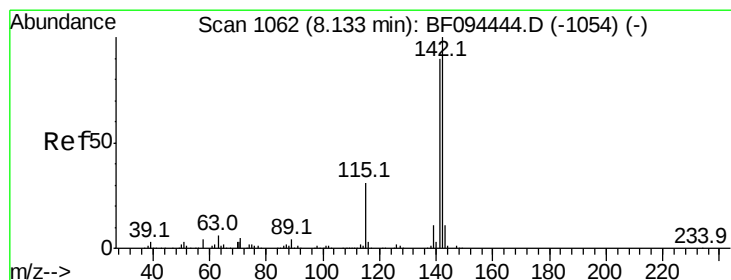
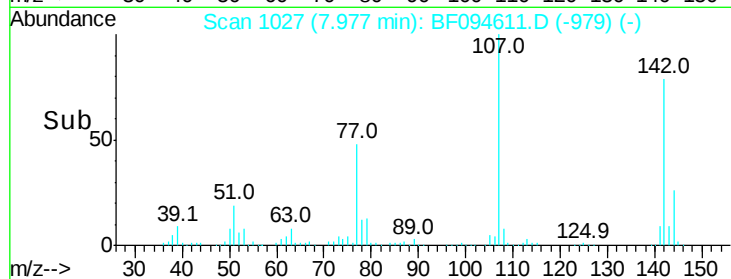
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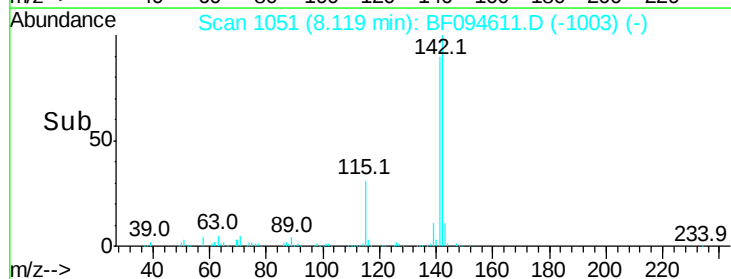
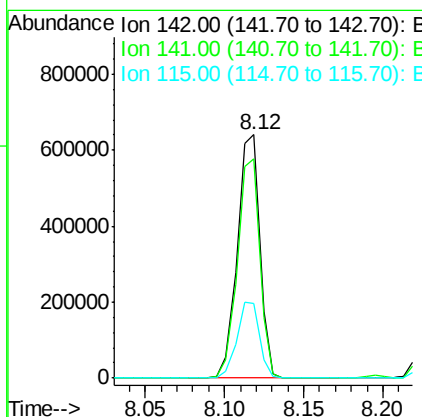
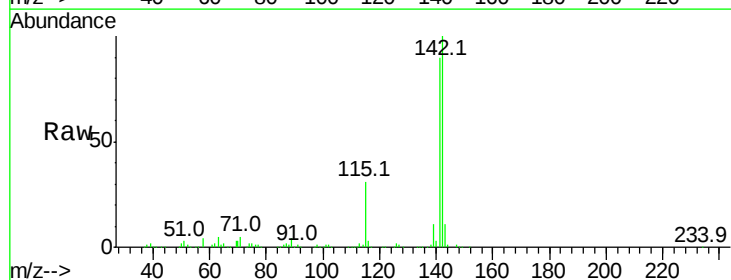
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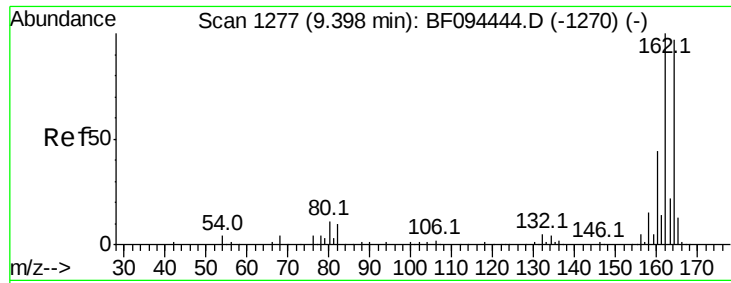
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#37
 2-Methylnaphthalene
 Concen: 39.08 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	632832		
141	90.1	71.3	106.9	
115	30.7	27.1	40.7	





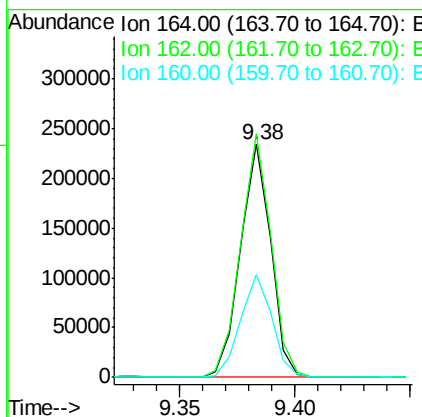
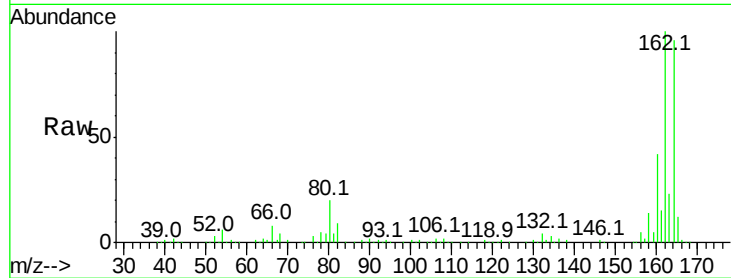
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	44.2	36.2	54.2

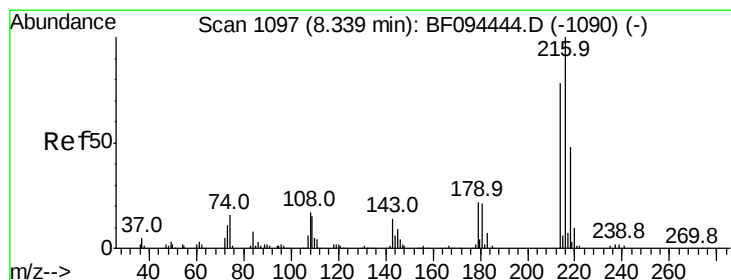
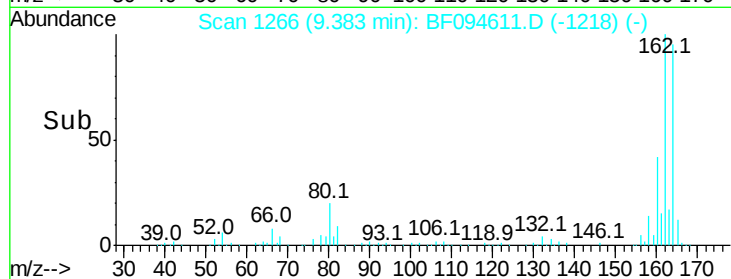
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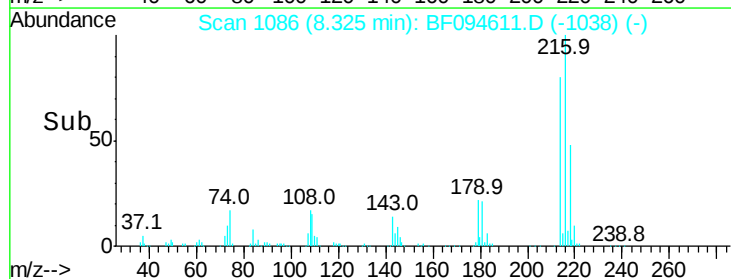
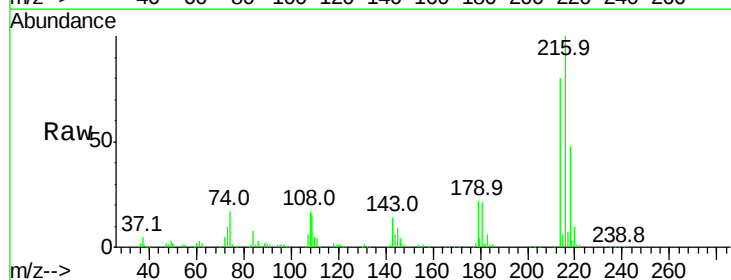
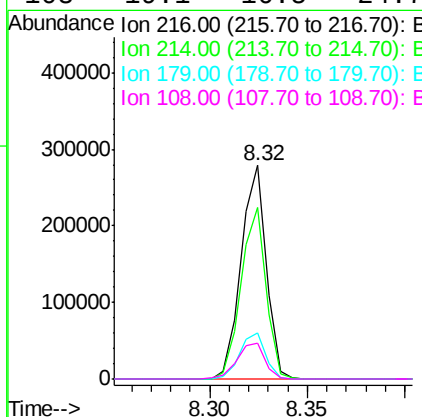
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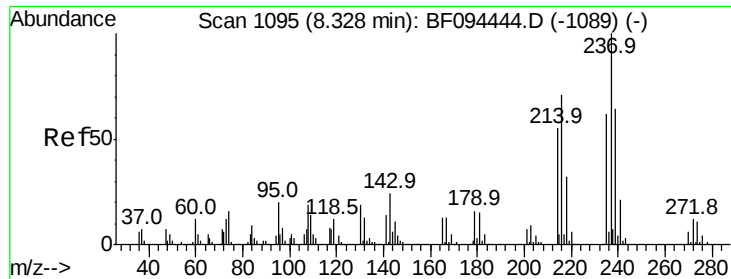
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.80 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.0	17.9	26.9
108	19.1	16.5	24.7





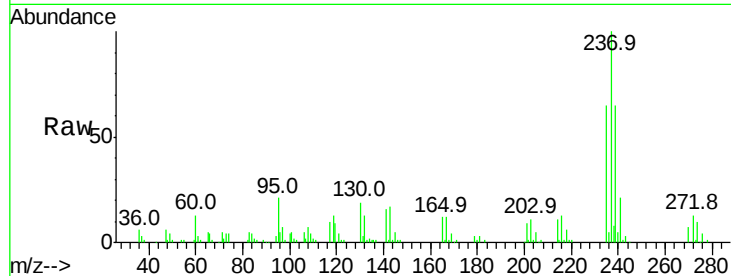
#40
Hexachlorocyclopentadiene
Concen: 29.74 ng
RT: 8.31 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

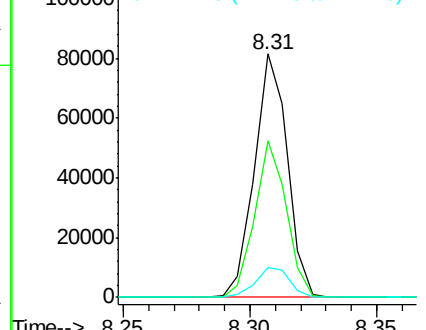
Tot Ion:	237	Resp:	73492
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.6	82.6
272	12.5	0.0	31.9

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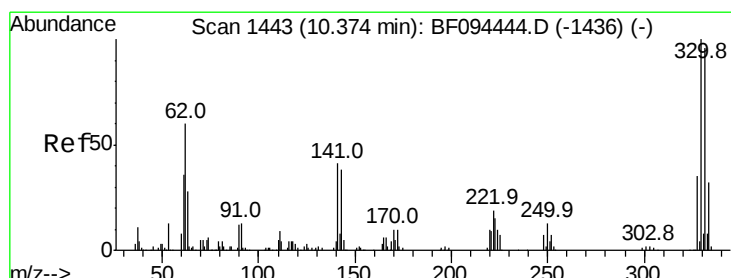
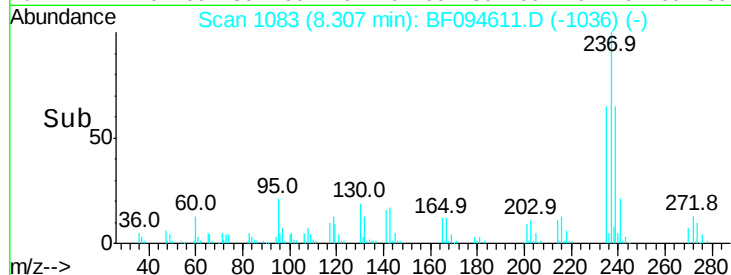


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



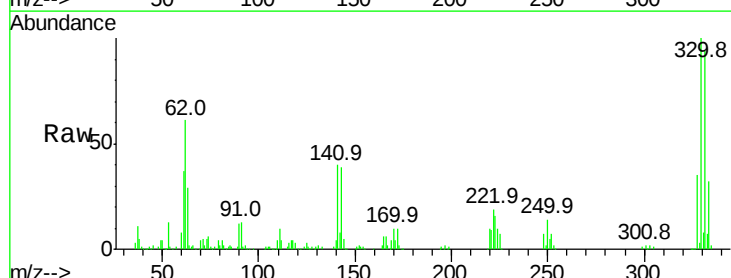
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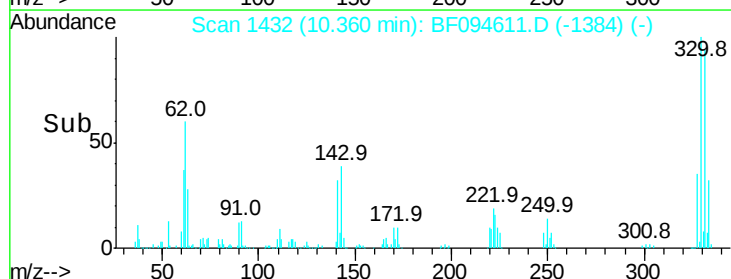
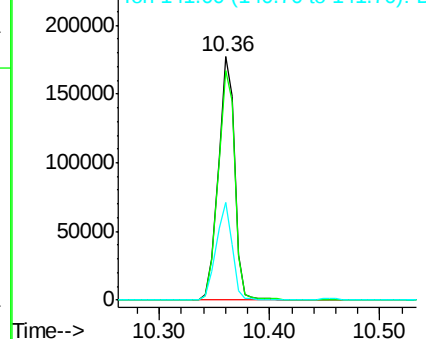


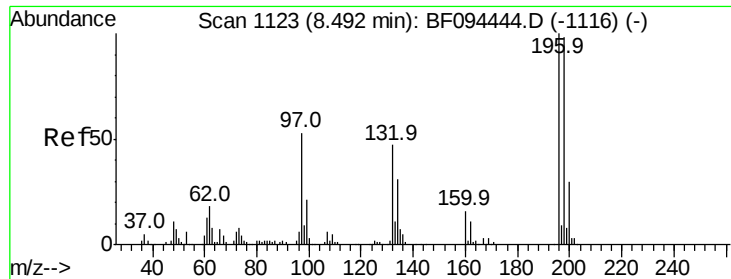
#41
2,4,6-Tribromophenol
Concen: 107.14 ng
RT: 10.36 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:	330	Resp:	179761
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	38.9	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





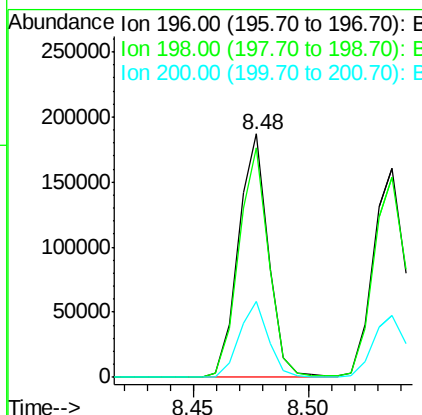
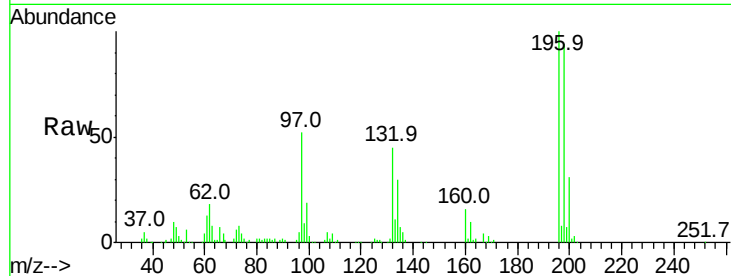
#42
 2,4,6-Trichlorophenol
 Concen: 39.43 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion:	196	Resp:	169147
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.2	111.4
200	31.3	24.0	36.0

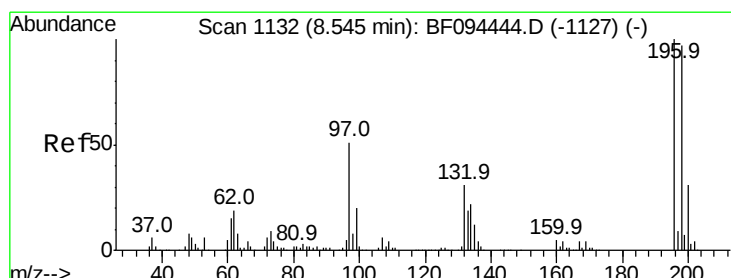
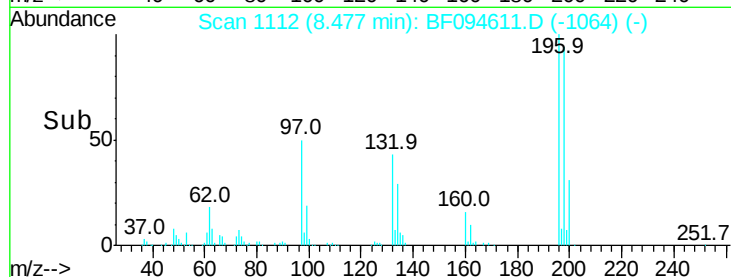
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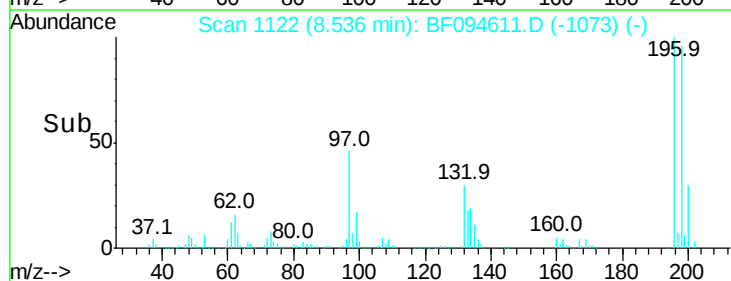
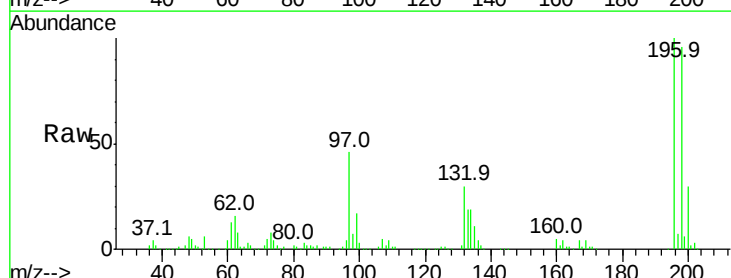
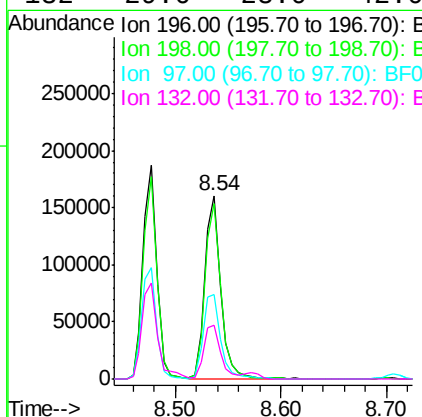
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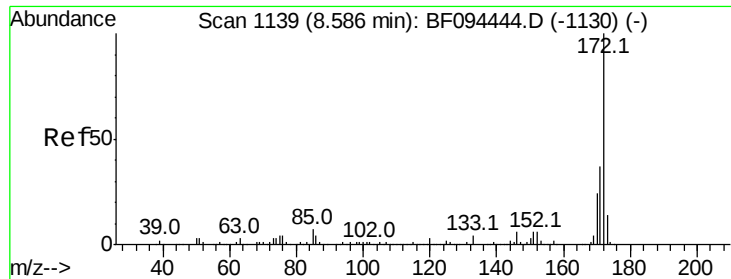
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#43
 2,4,5-Trichlorophenol
 Concen: 38.37 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	196	Resp:	169017
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
97	46.4	47.7	71.5#
132	29.6	28.0	42.0





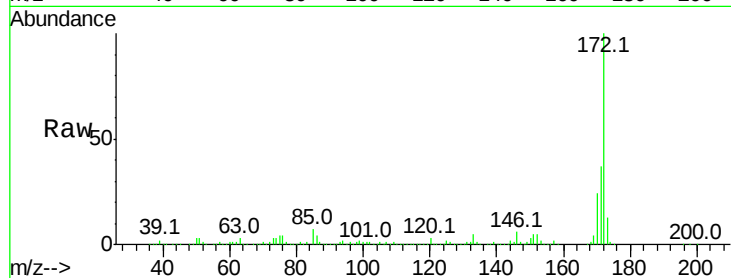
#44
2-Fluorobiphenyl
Concen: 79.45 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.8	19.8	29.8

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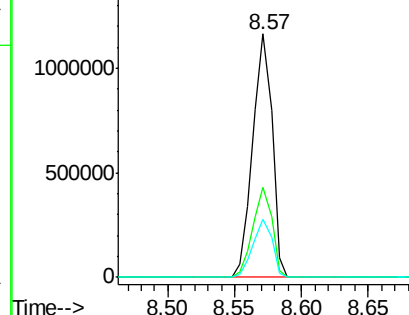
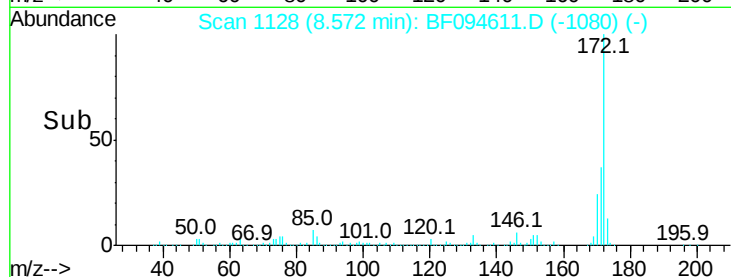


Abundance

Ion 172.00 (171.70 to 172.70): E

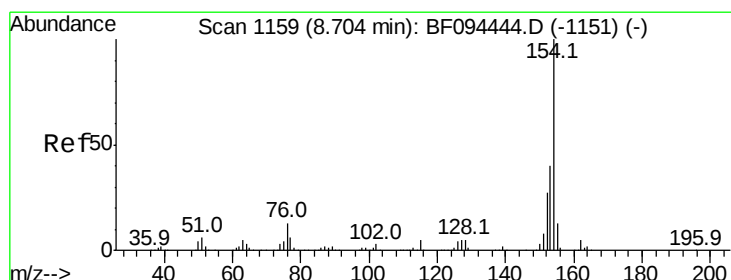
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



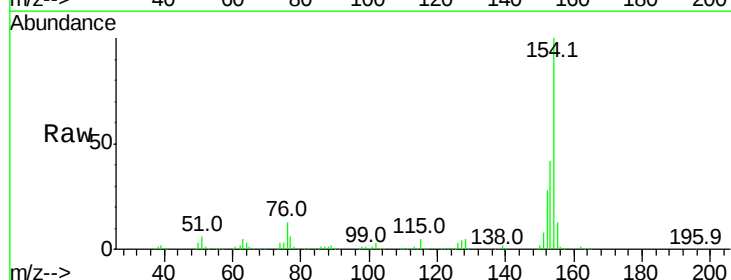
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#45
1,1'-Biphenyl
Concen: 40.80 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.2	61.2
76	13.3	0.0	29.9

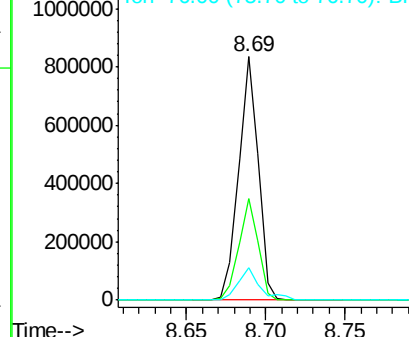
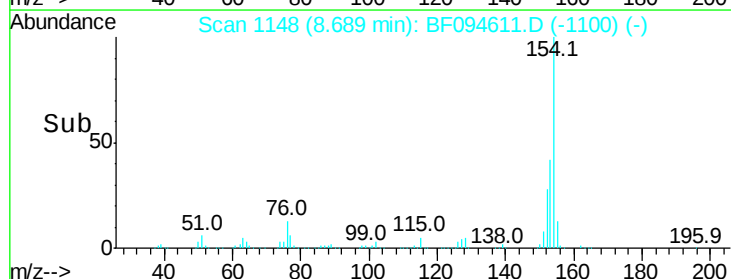


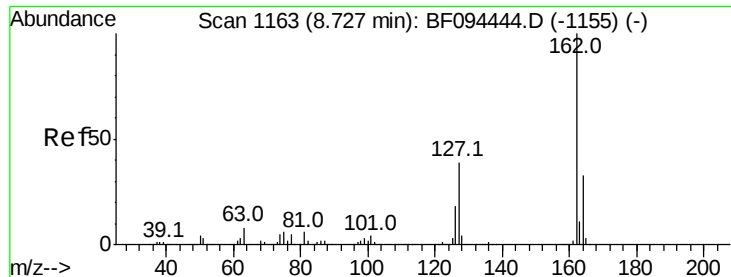
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





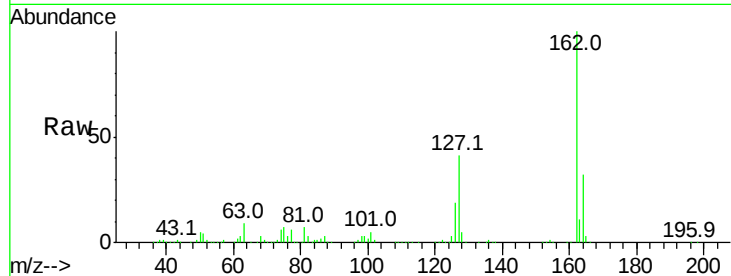
#46
 2-Chloronaphthalene
 Concen: 40.16 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

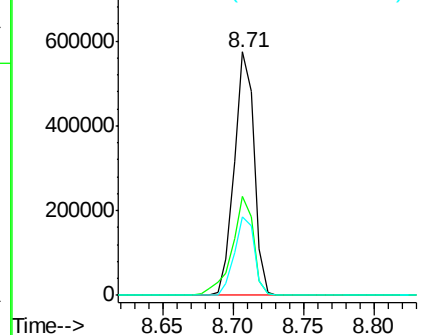
Tot Ion:	162	Resp:	559643
Ion Ratio	Lower	Upper	
162	100		
127	40.8	28.3	42.5
164	32.0	27.0	40.4

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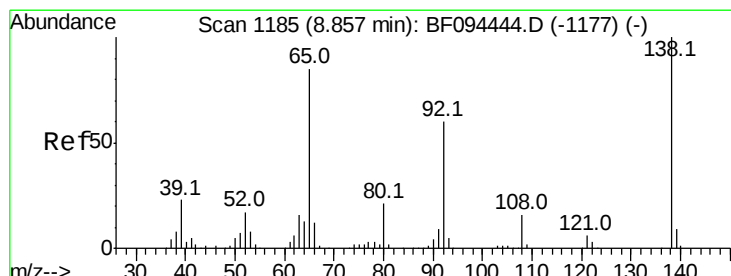
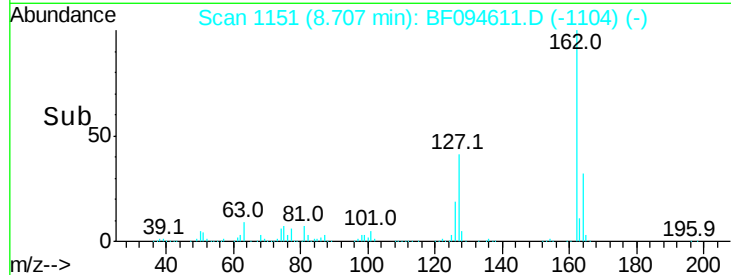


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



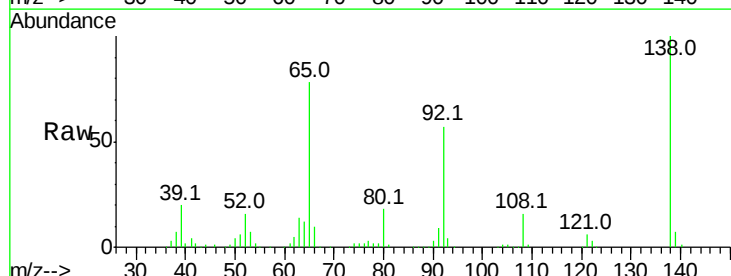
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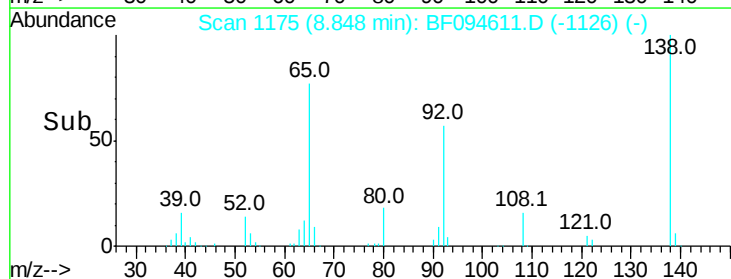
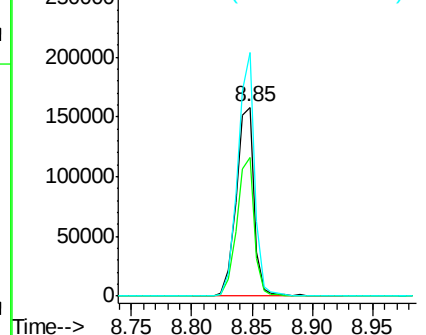


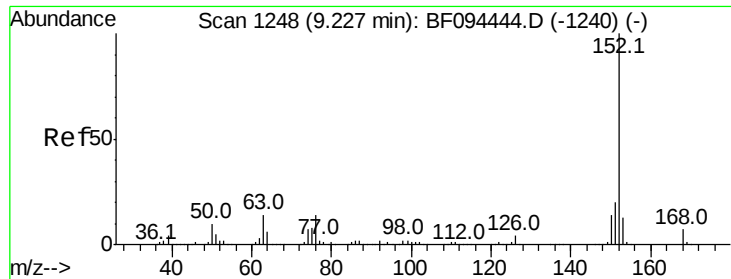
#47
 2-Nitroaniline
 Concen: 40.95 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	65	Resp:	164164
Ion Ratio	Lower	Upper	
65	100		
92	73.6	53.9	80.9
138	128.9	78.8	118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 38.73 ng

RT: 9.21 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

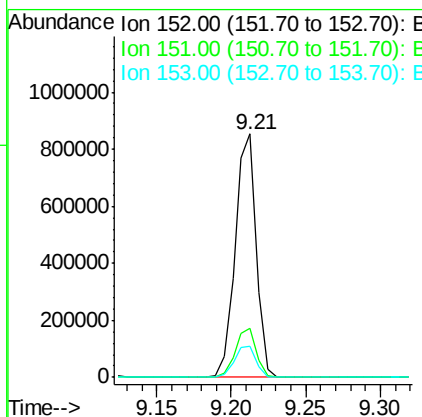
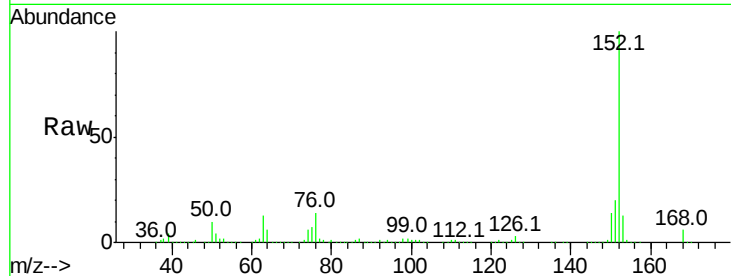
ClientSampleId :

MARJON-SEMS

Tot Ion:	152	Resp:	841382
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.8	25.2
153	12.7	10.8	16.2

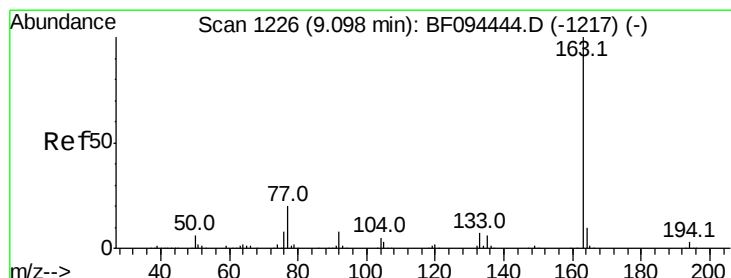
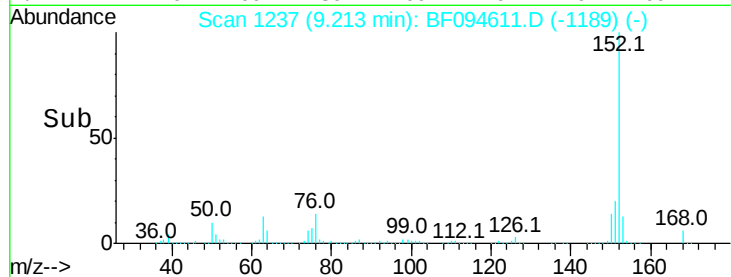
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#49

Dimethylphthalate

Concen: 49.45 ng

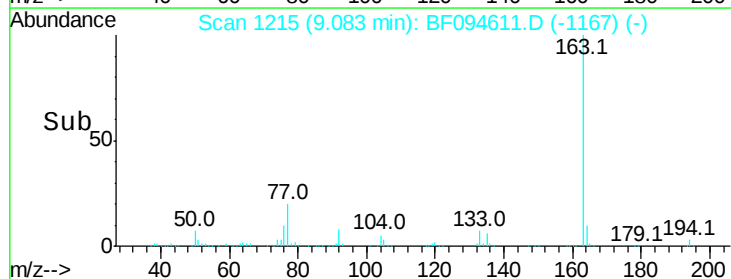
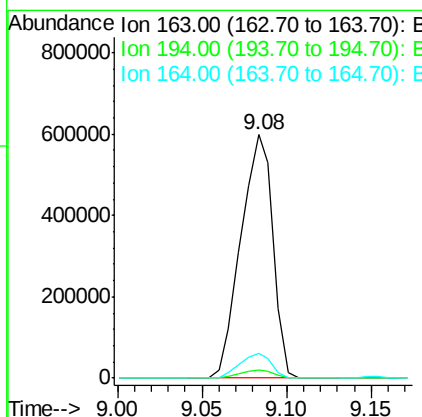
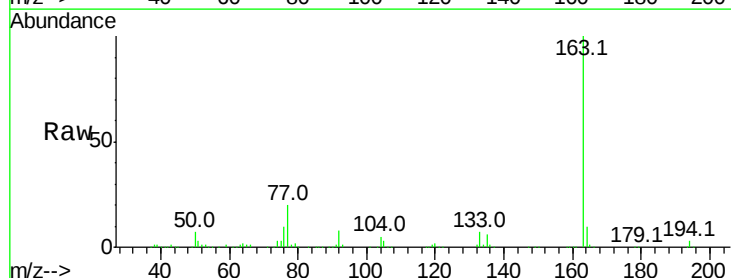
RT: 9.08 min Scan# 1215

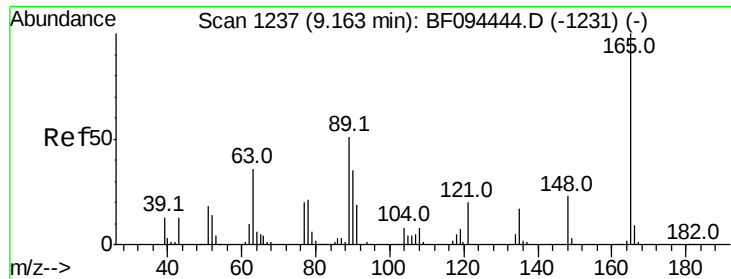
Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:	163	Resp:	790477
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6





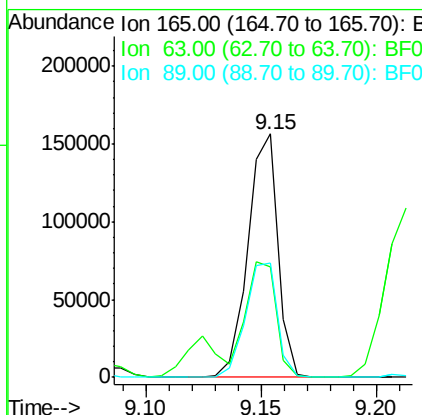
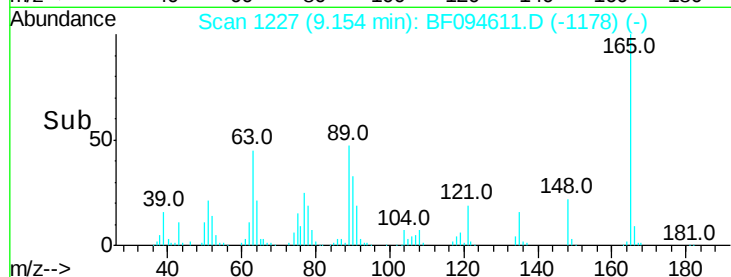
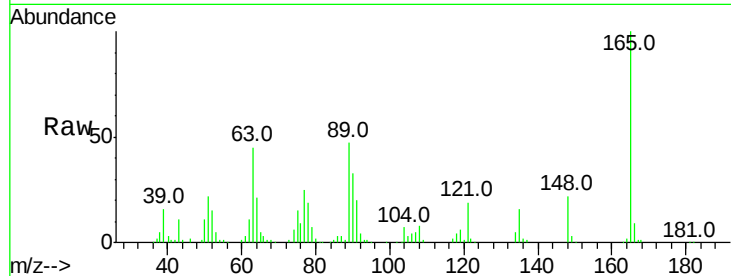
#50
 2,6-Dinitrotoluene
 Concen: 39.64 ng
 RT: 9.15 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion:	165	Resp:	142230
Ion Ratio	Lower	Upper	
165	100		
63	45.3	34.3	51.5
89	46.7	37.1	55.7

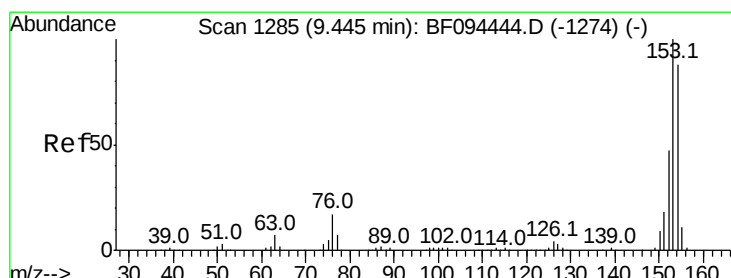
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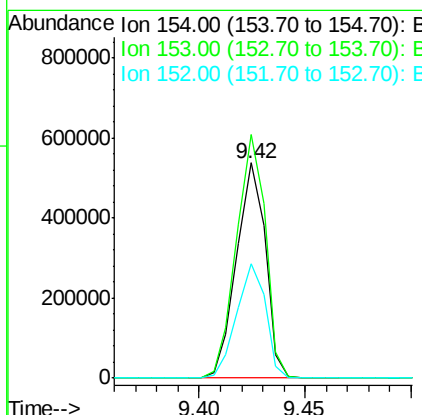
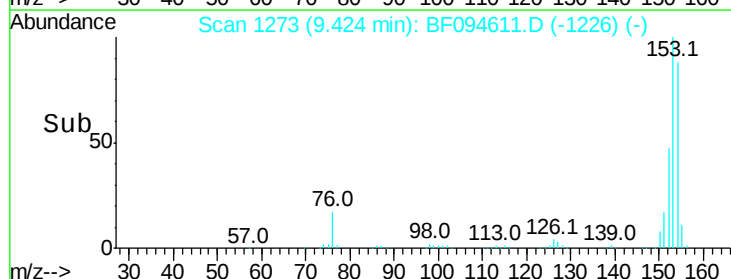
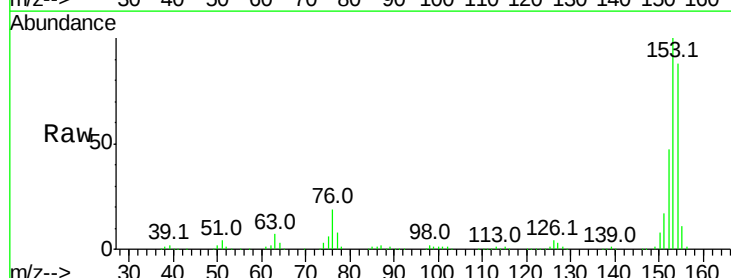
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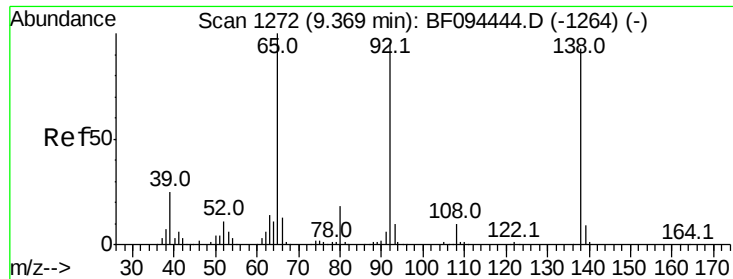
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#51
 Acenaphthene
 Concen: 39.15 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	154	Resp:	509357
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.5	135.7
152	53.3	43.6	65.4





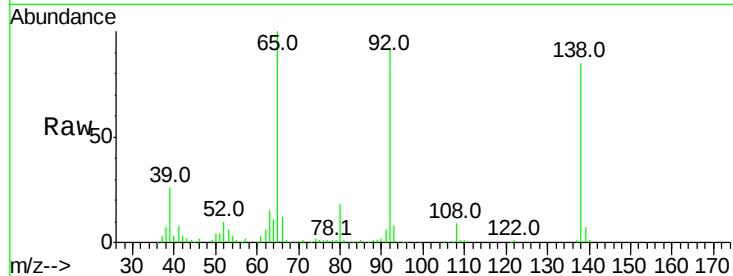
#52
3-Nitroaniline
Concen: 31.05 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

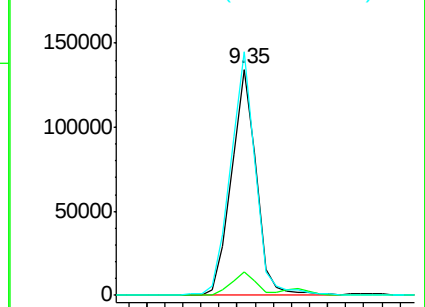
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	107.7	93.8	140.6

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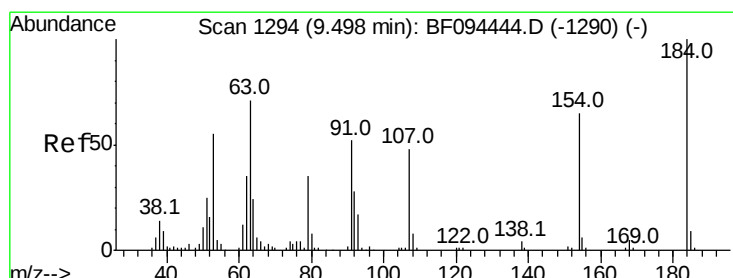
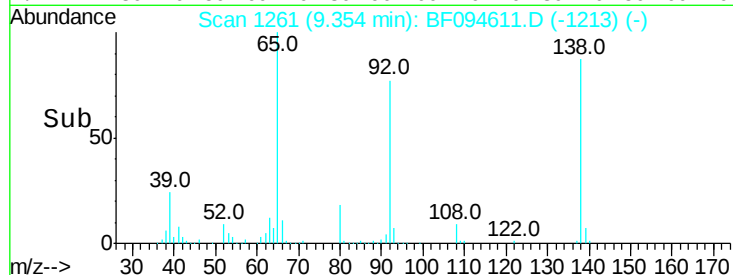


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



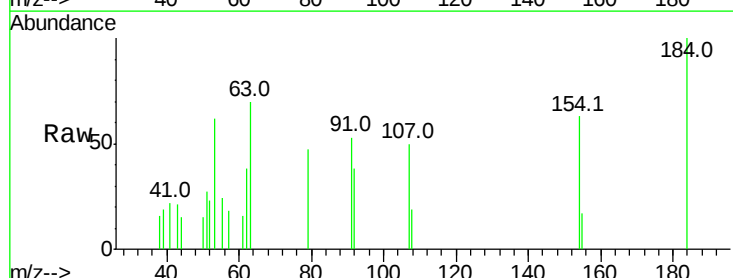
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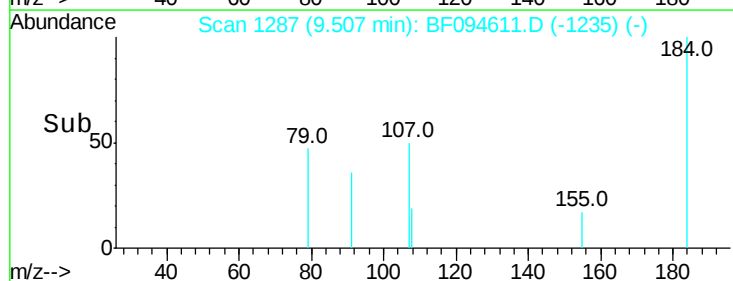
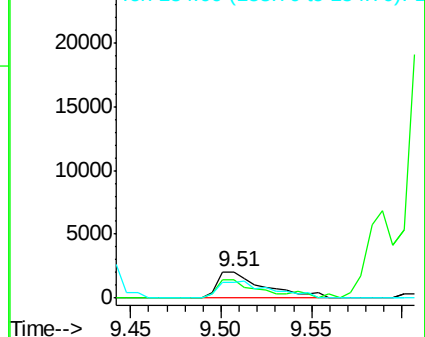


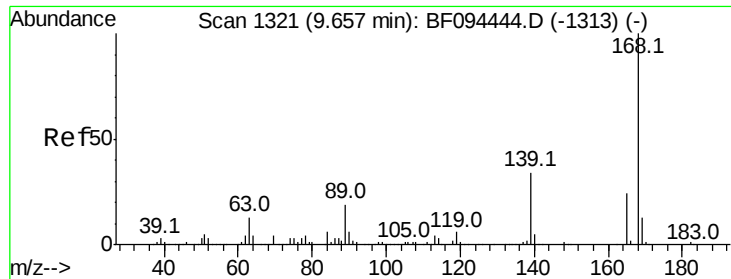
#53
2,4-Dinitrophenol
Concen: 7.49 ng
RT: 9.51 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.0	62.7	94.1
154	62.6	81.1	121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





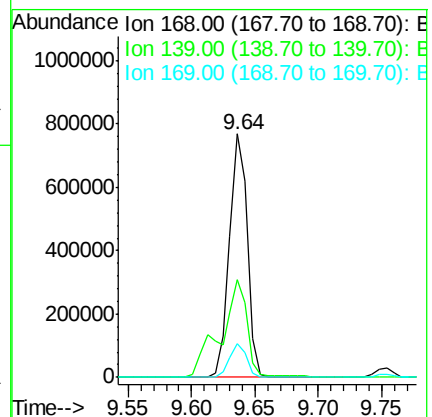
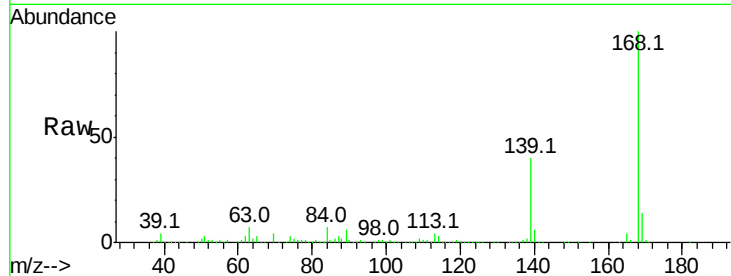
#54
Dibenzofuran
Concen: 39.54 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.6	45.8
169	13.9	10.8	16.2

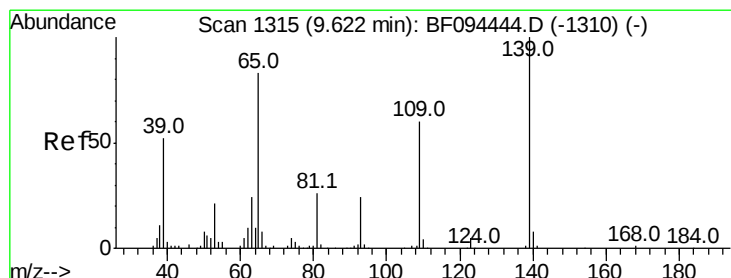
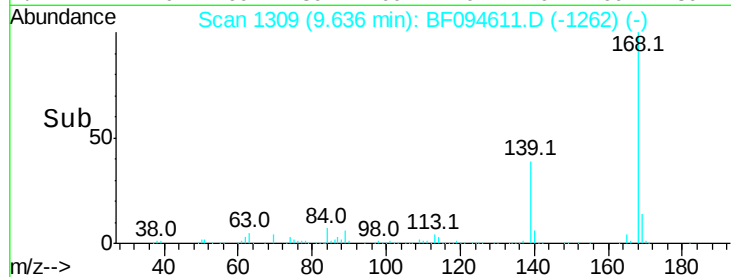
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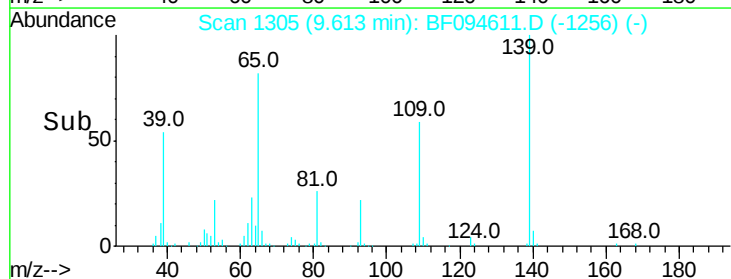
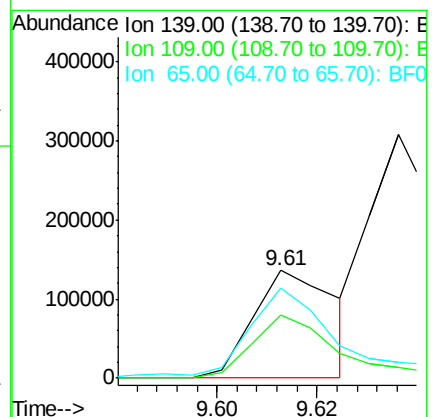
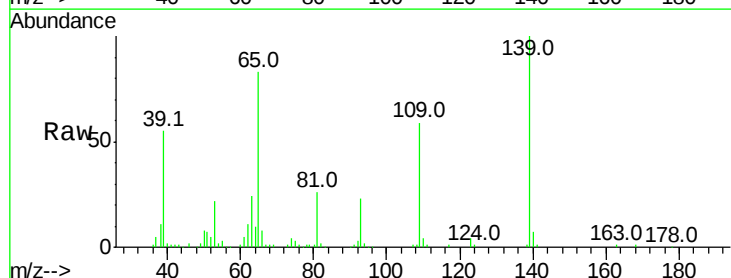
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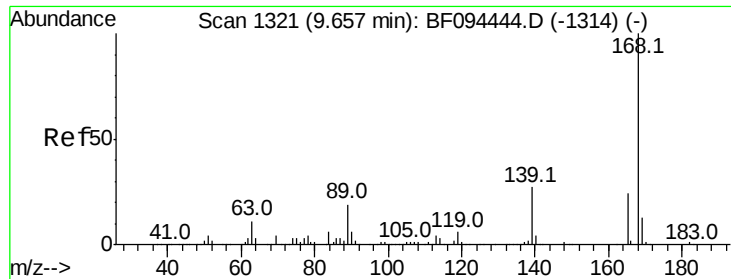
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#55
4-Nitrophenol
Concen: 52.62 ng m
RT: 9.61 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.8	34.1	74.1
65	83.2	31.4	71.4#





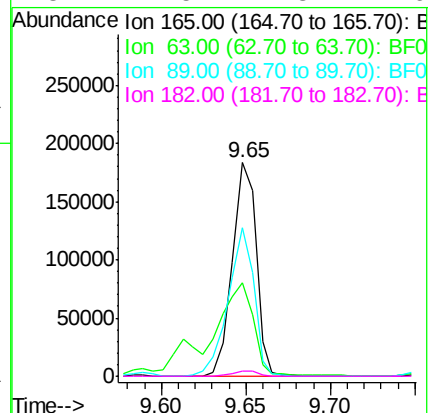
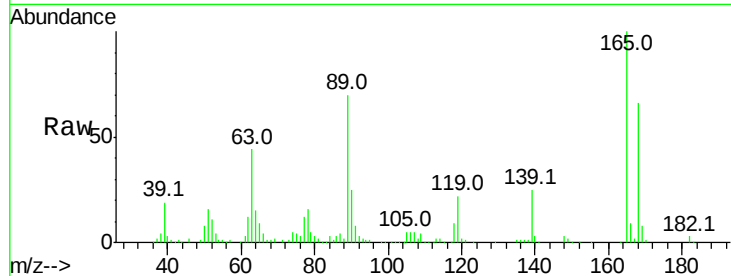
#56
2,4-Dinitrotoluene
Concen: 40.80 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179630		
63	43.9	25.4	38.0#	
89	69.5	46.4	69.6	
182	2.5	1.8	2.6	

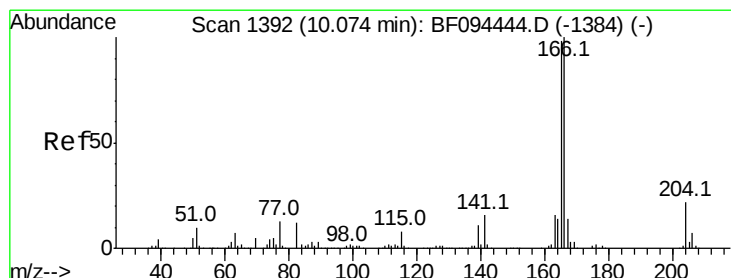
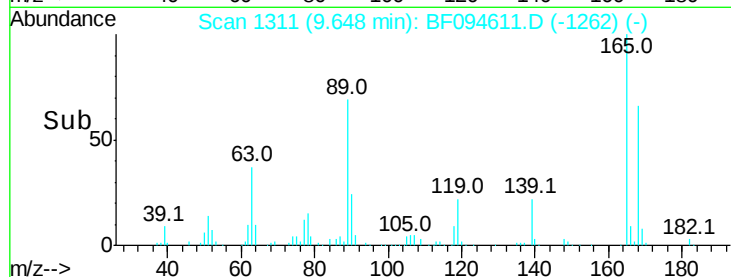
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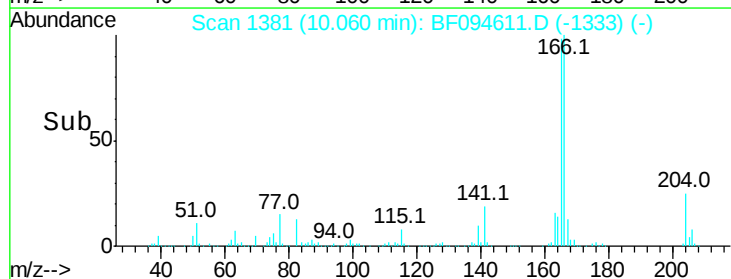
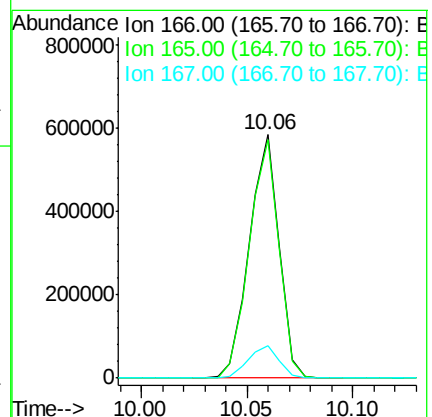
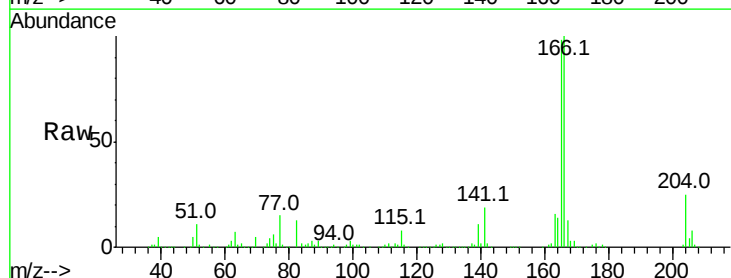
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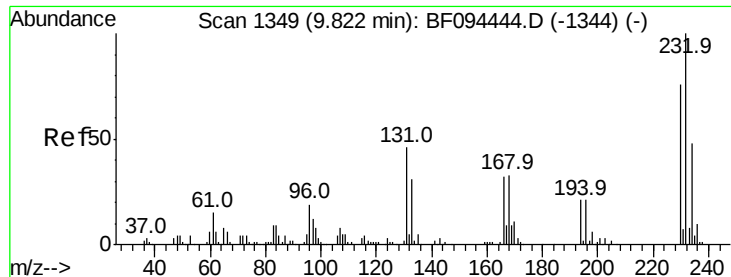
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#57
Fluorene
Concen: 38.56 ng
RT: 10.06 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	567830		
165	98.2	78.8	118.2	
167	13.3	10.6	16.0	





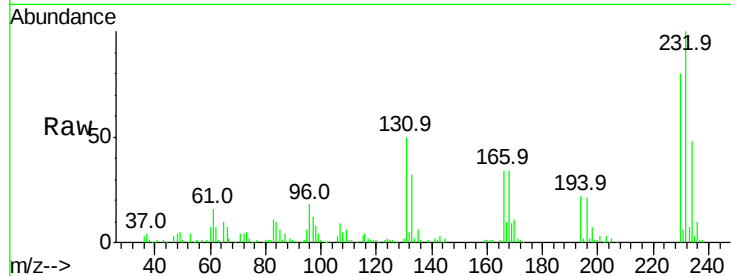
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.28 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

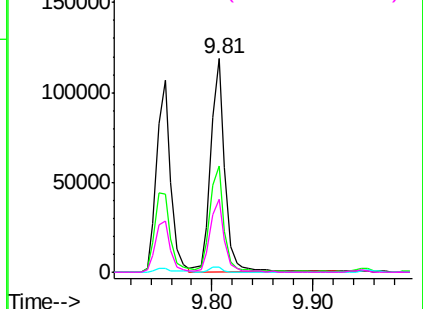
Tot Ion	Ratio	Resp	Lower	Upper
232	100	114548		
131	49.3		44.8	67.2
130	2.3		2.3	3.5
166	34.5		29.0	43.4

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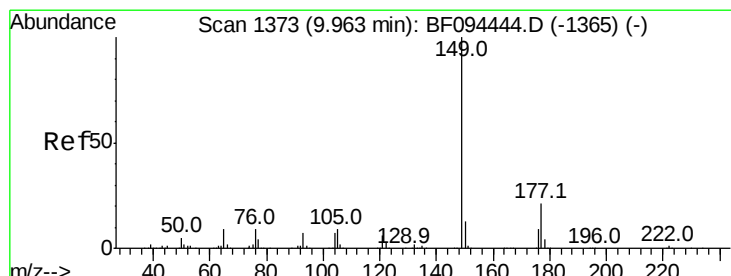
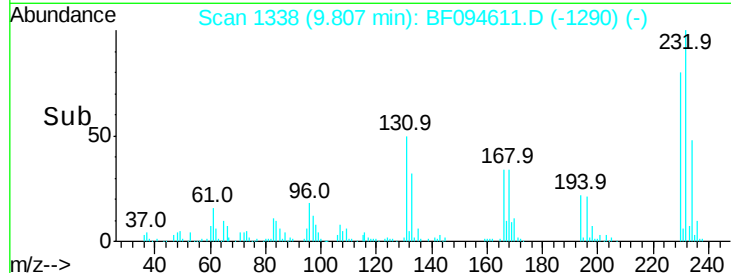


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



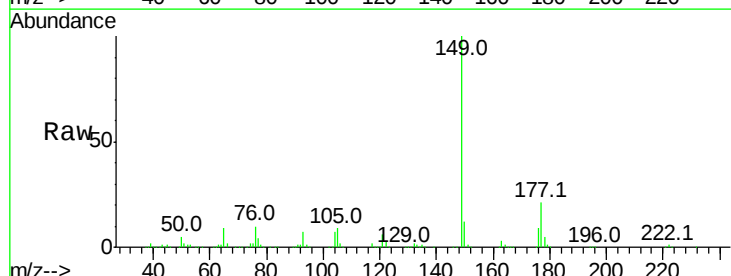
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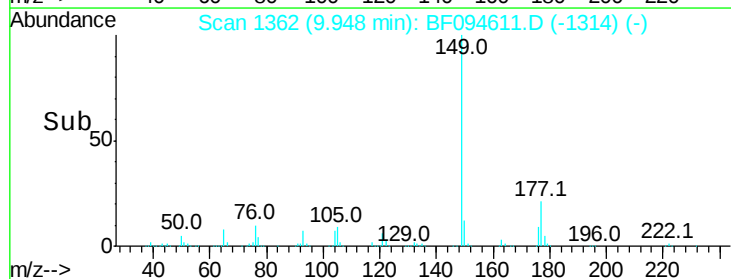
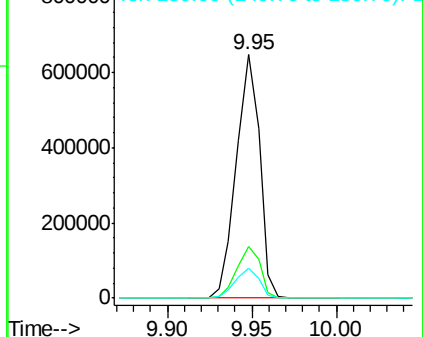


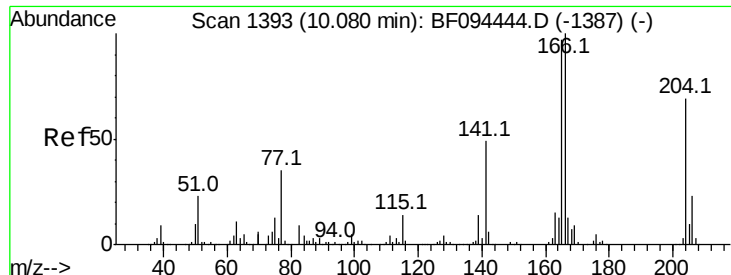
#59
 Diethylphthalate
 Concen: 41.35 ng
 RT: 9.95 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	623683		
177	21.4		16.7	25.1
150	12.5		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





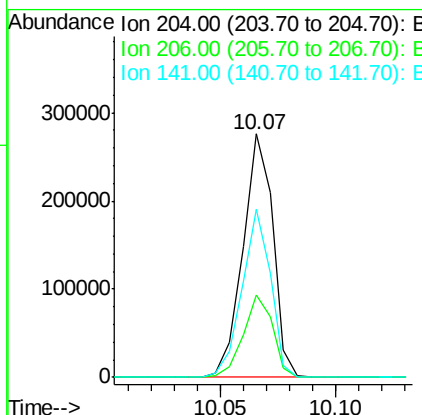
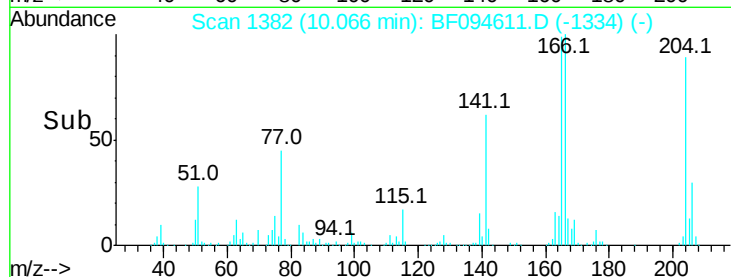
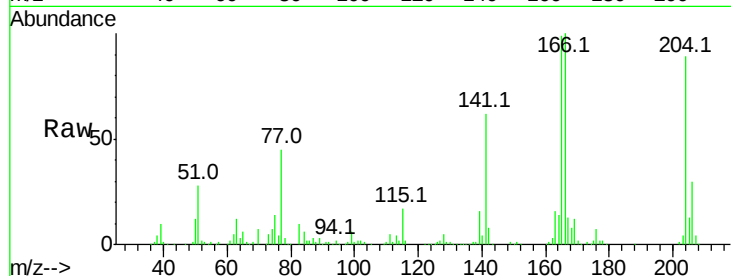
#60
 4-Chlorophenyl-phenylether
 Concen: 40.93 ng
 RT: 10.07 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion:	204	Resp:	250811
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.2	39.2
141	69.2	60.8	91.2

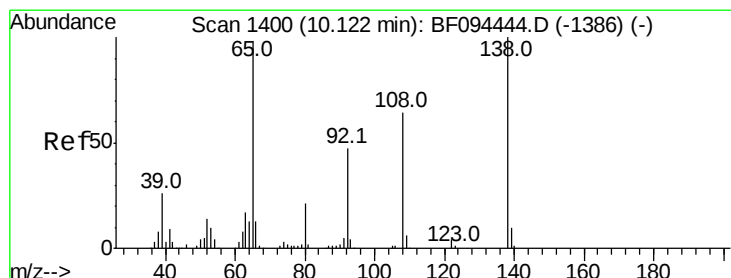
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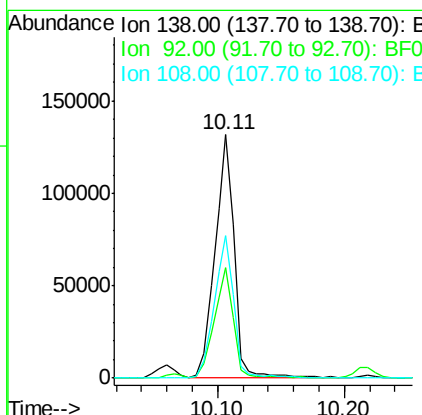
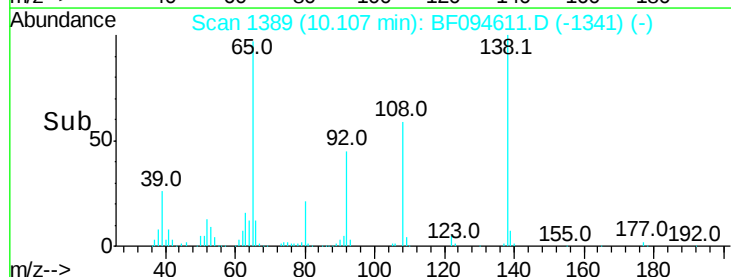
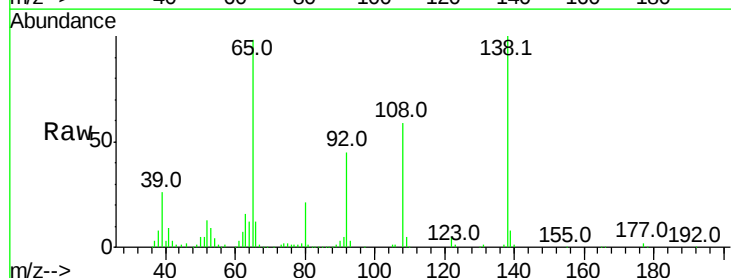
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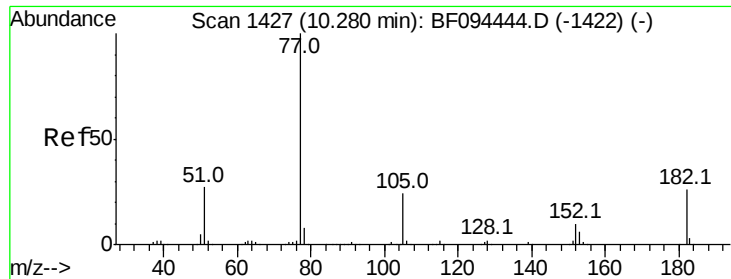
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#61
 4-Nitroaniline
 Concen: 33.51 ng
 RT: 10.11 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	138	Resp:	141408
Ion Ratio	Lower	Upper	
138	100		
92	45.4	21.8	61.8
108	58.6	42.3	82.3





#62

Azobenzene

Concen: 40.15 ng

RT: 10.26 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

MARJON-SEMS

Tot Ion: 77 Resp: 587945

Ion Ratio Lower Upper

77 100

182 22.9 0.1 40.1

105 23.2 3.6 43.6

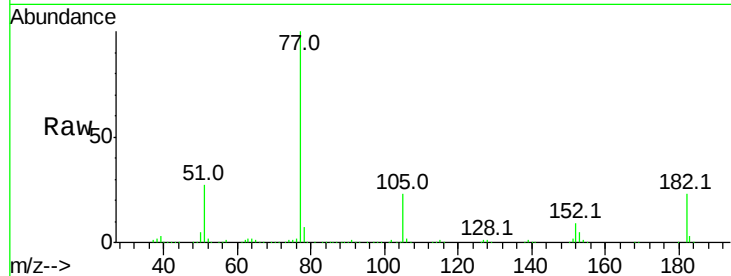
51 27.4 9.4 49.4

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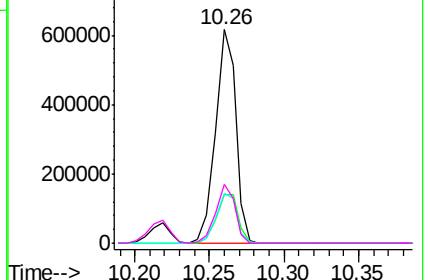
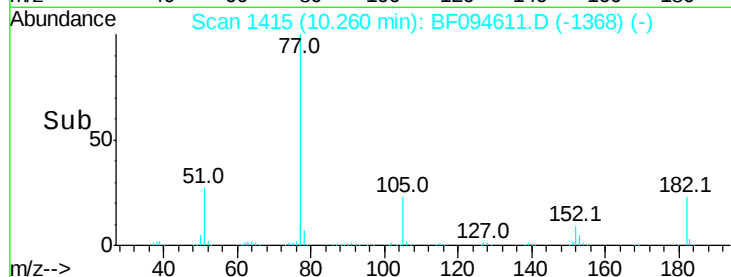


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

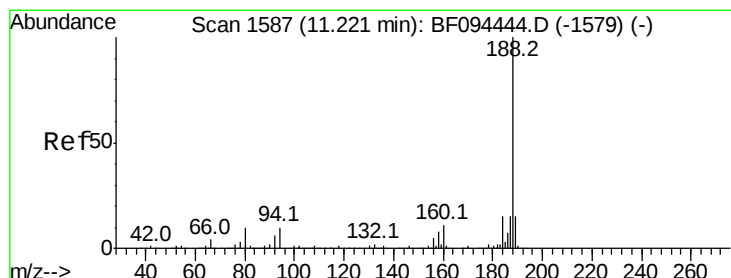
Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

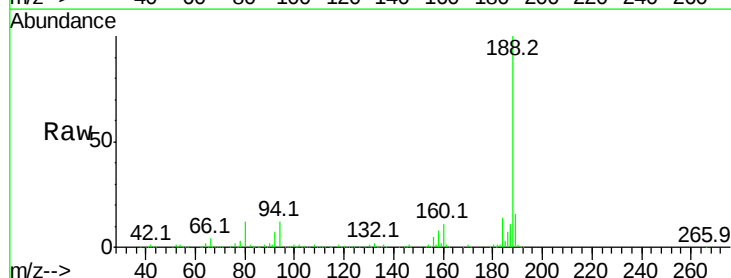
Tgt Ion: 188 Resp: 341419

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

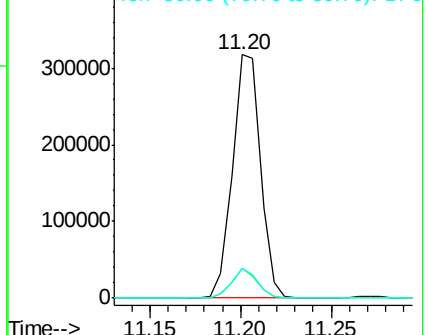
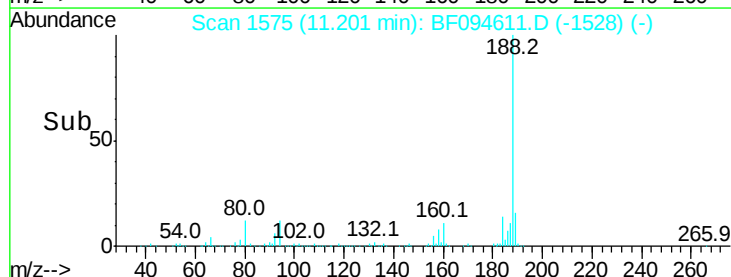
80 12.2 10.2 15.2

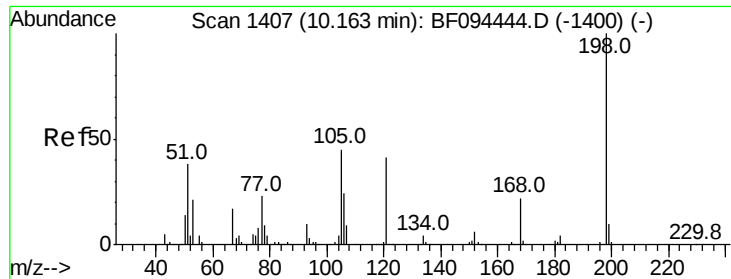


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





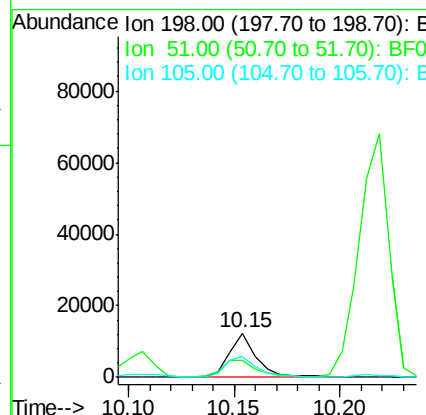
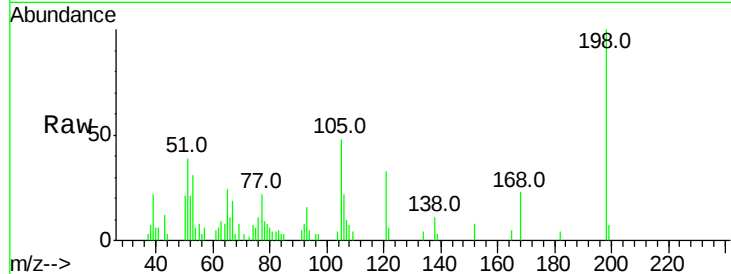
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.89 ng
 RT: 10.15 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	10948		
51	39.4		53.2	93.2#
105	48.1		45.8	85.8

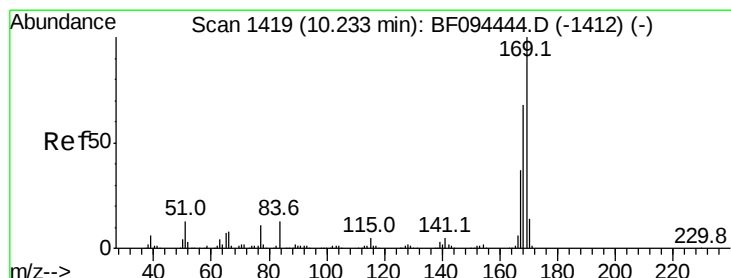
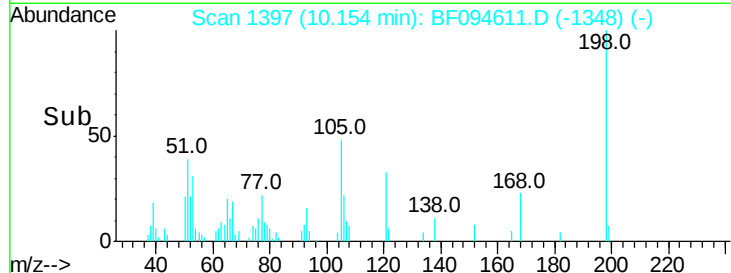
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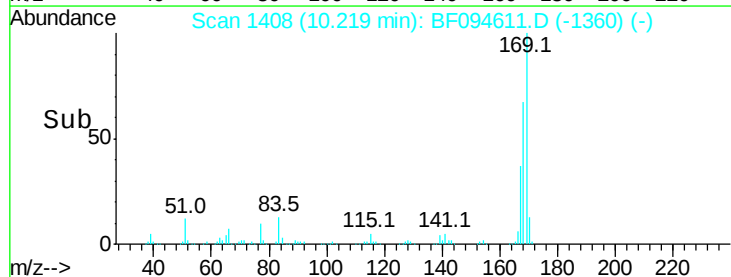
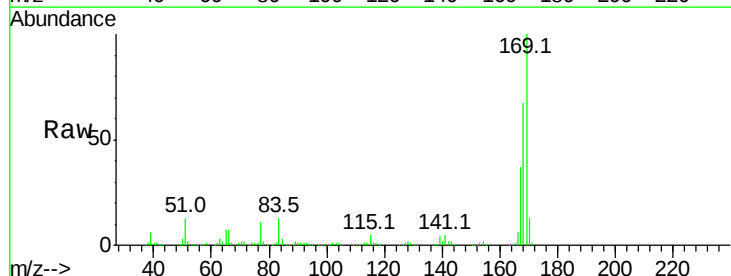
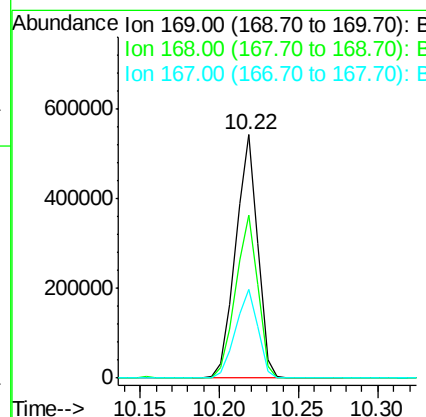
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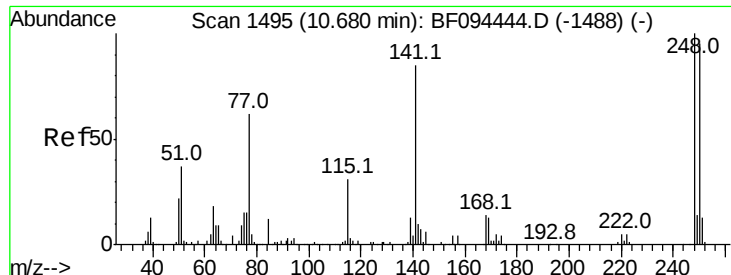
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#65
 n-Nitrosodiphenylamine
 Concen: 44.08 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	523456		
168	67.1		53.2	79.8
167	36.5		29.5	44.3





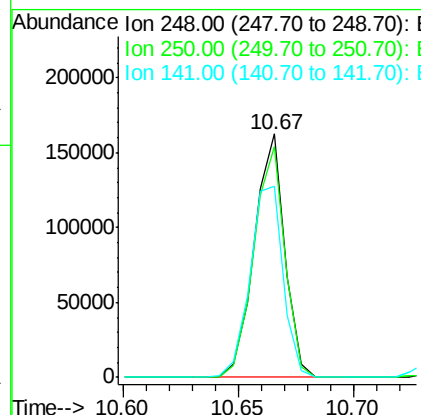
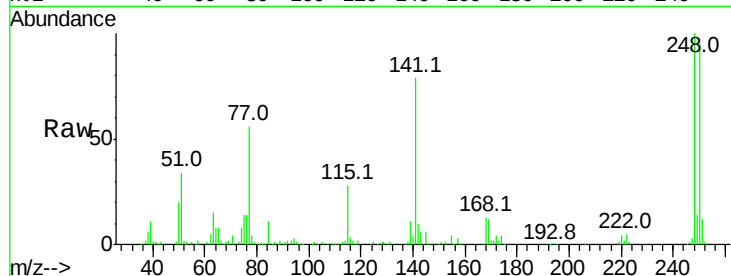
#66
4-Bromophenyl-phenylether
Concen: 44.12 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.8	115.2
141	78.6	68.6	103.0

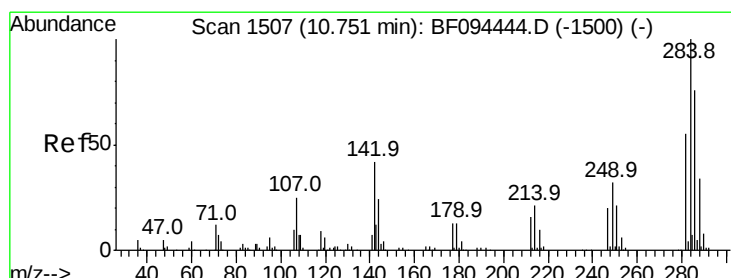
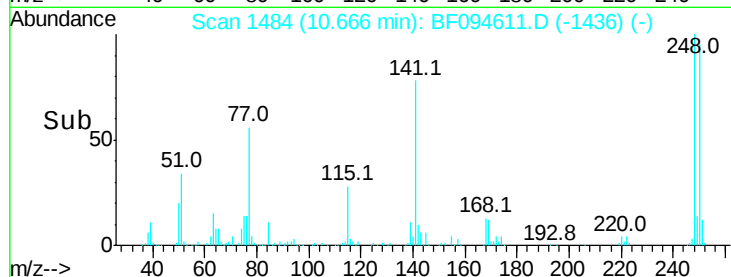
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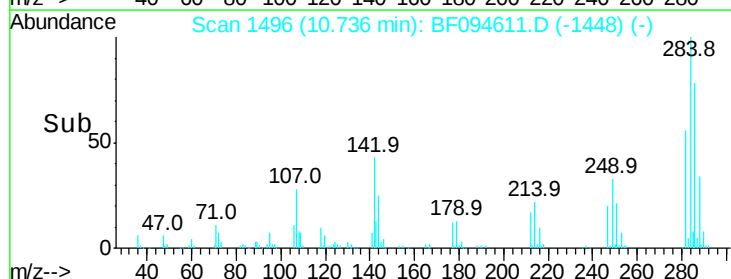
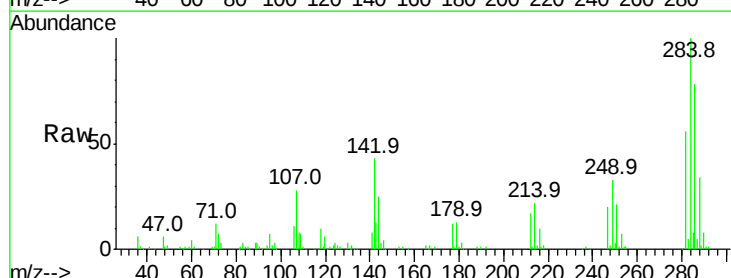
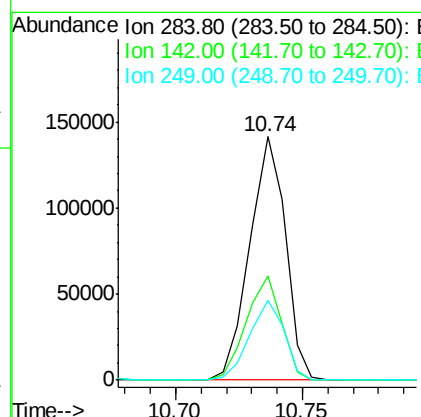
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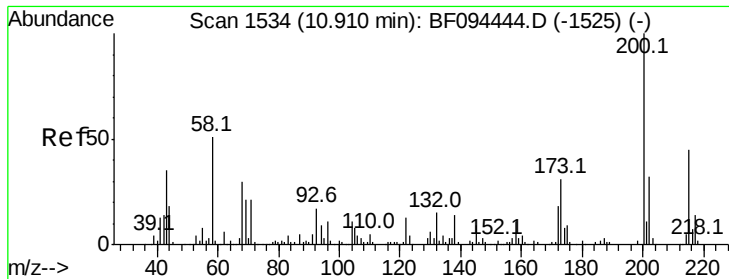
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#67
Hexachlorobenzene
Concen: 40.72 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.7	22.8	34.2#
249	32.6	24.0	36.0





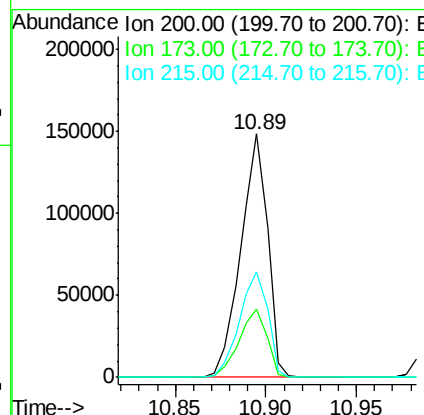
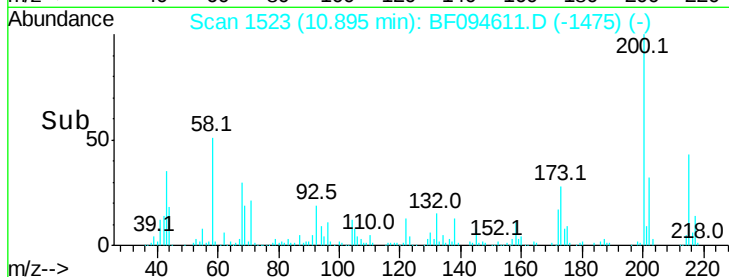
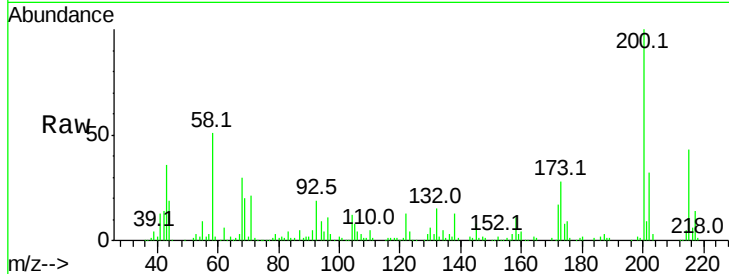
#68
 Atrazine
 Concen: 42.82 ng
 RT: 10.89 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	6.3	46.3
215	43.2	27.2	67.2

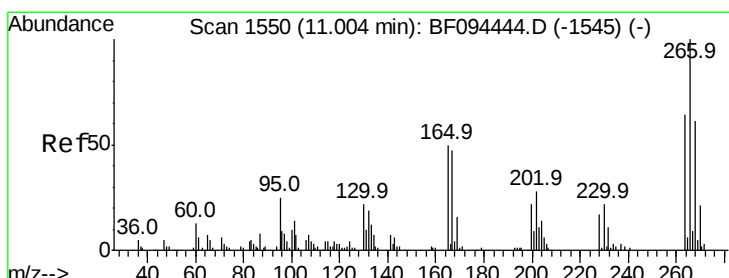
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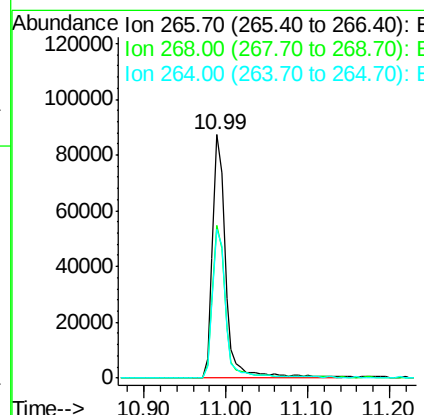
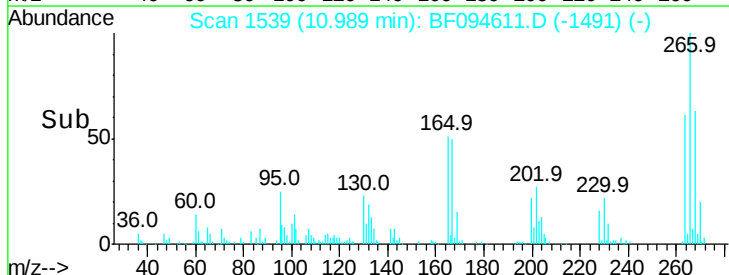
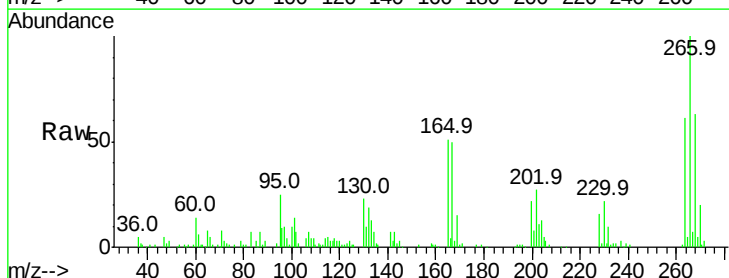
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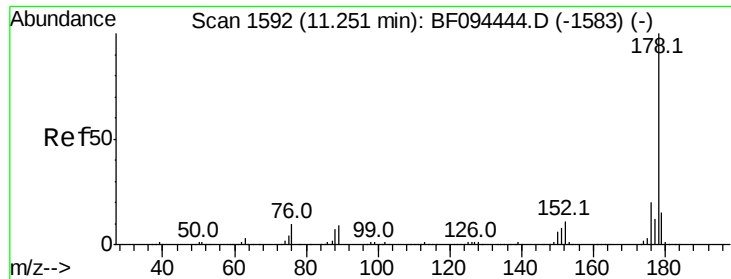
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#69
 Pentachlorophenol
 Concen: 73.60 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.8	51.1	76.7
264	61.0	51.7	77.5





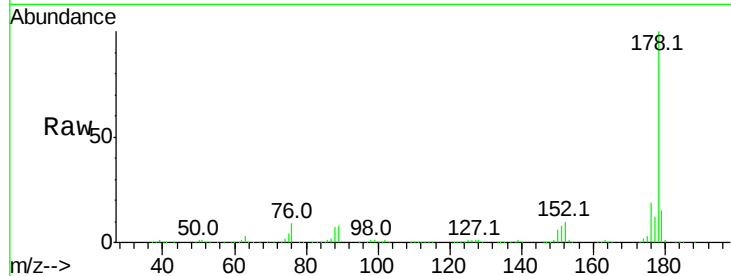
#70
Phenanthrene
Concen: 39.83 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

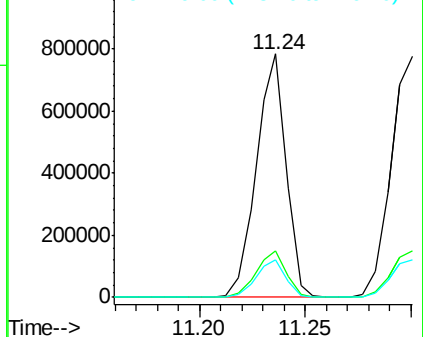
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	15.2	12.6	19.0

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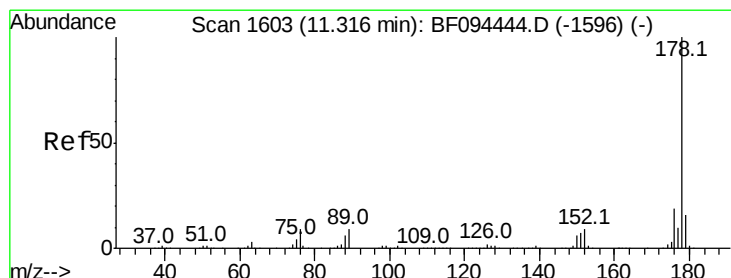
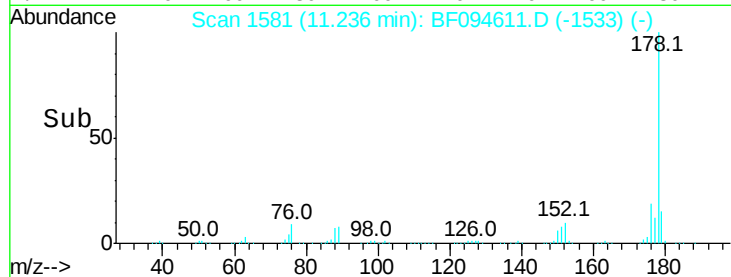


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



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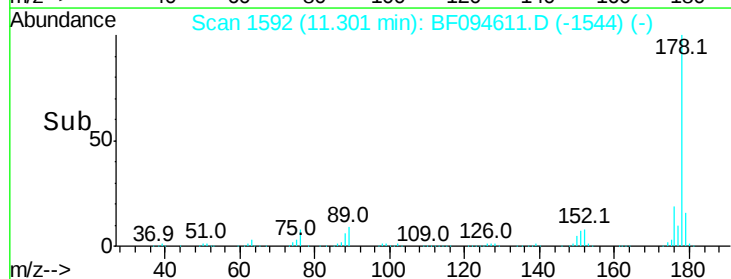
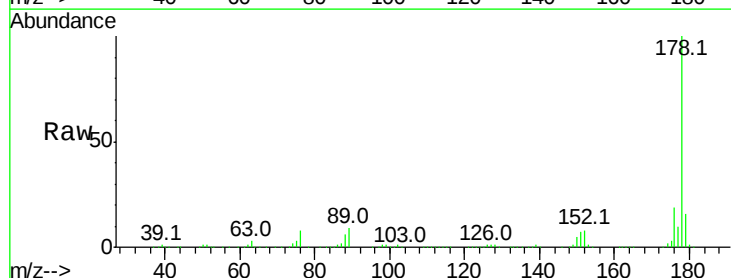
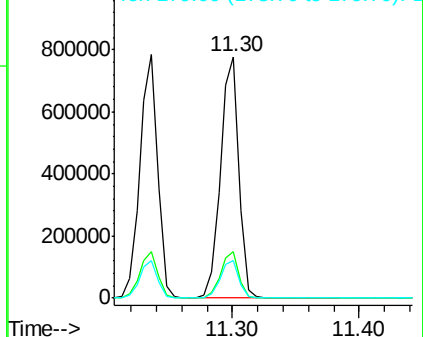
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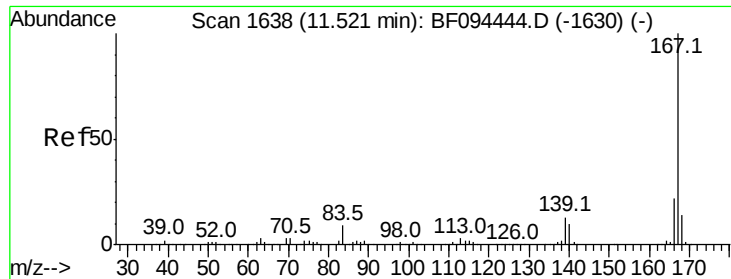


#71
Anthracene
Concen: 39.41 ng
RT: 11.30 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	12.7	19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.51 ng

RT: 11.51 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

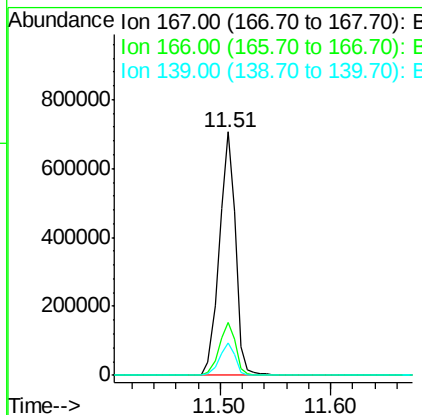
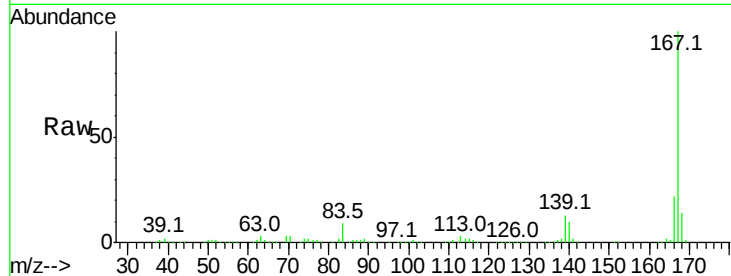
ClientSampleId :

MARJON-SEMS

Tot Ion:	167	Resp:	718915
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	13.1	11.7	17.5

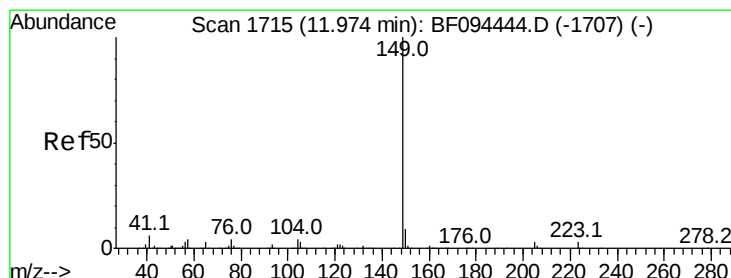
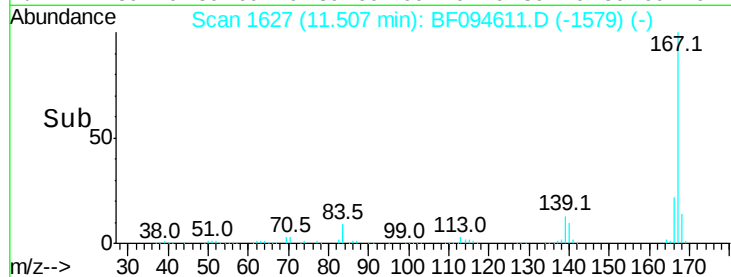
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#73

Di-n-butylphthalate

Concen: 45.42 ng

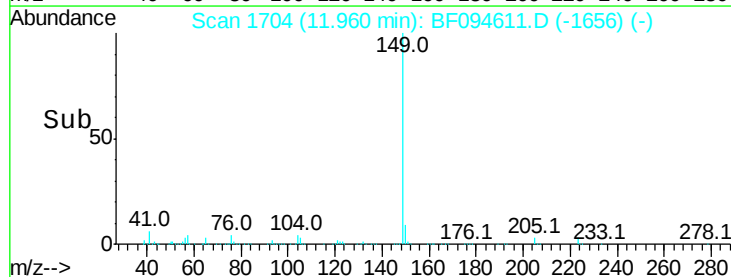
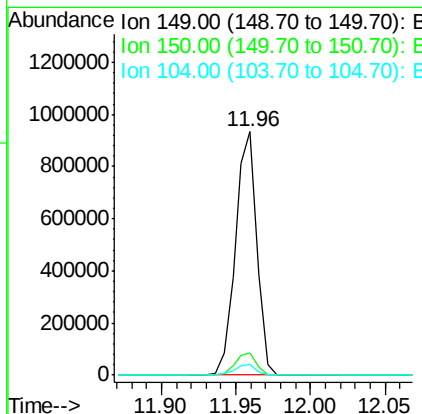
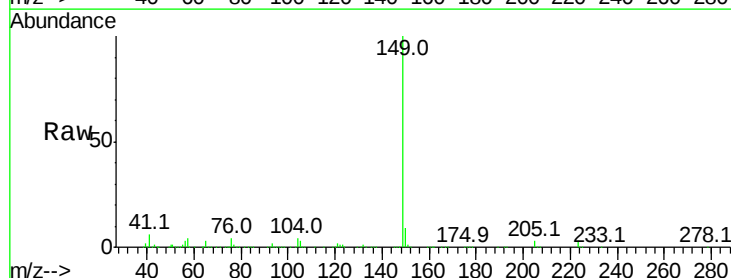
RT: 11.96 min Scan# 1704

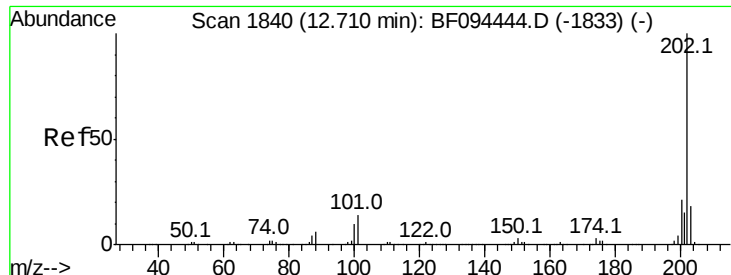
Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Tgt Ion:	149	Resp:	933422
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0





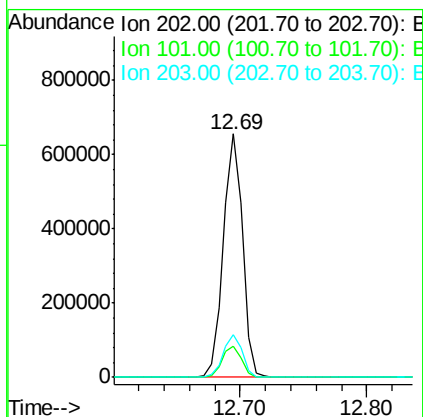
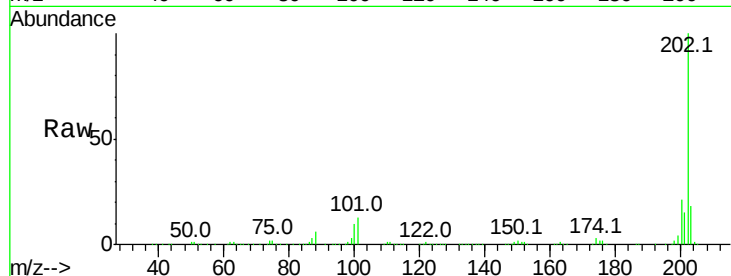
#74
Fluoranthene
 Concen: 34.65 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.8	0.0	38.1

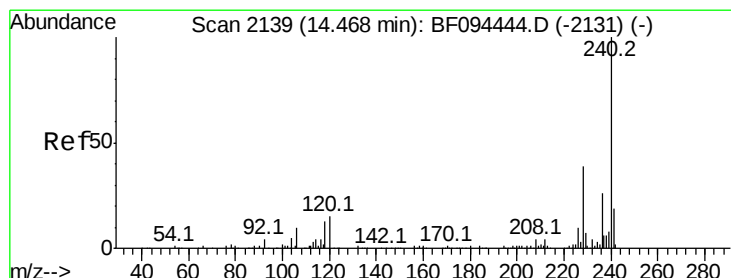
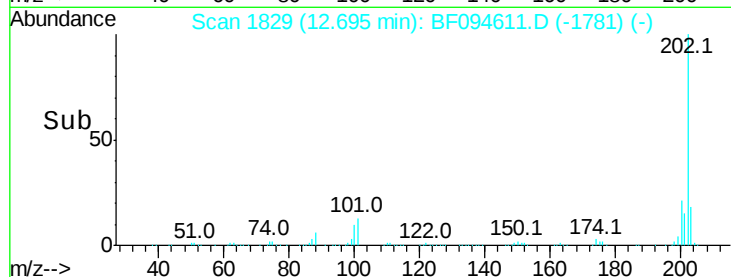
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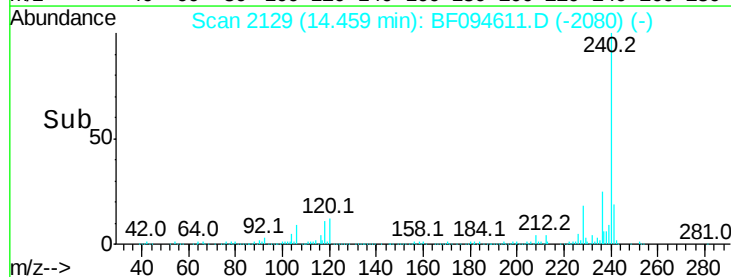
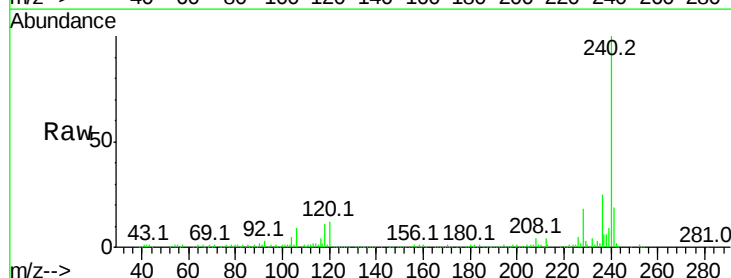
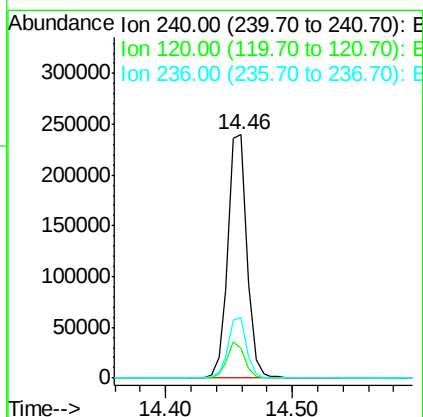
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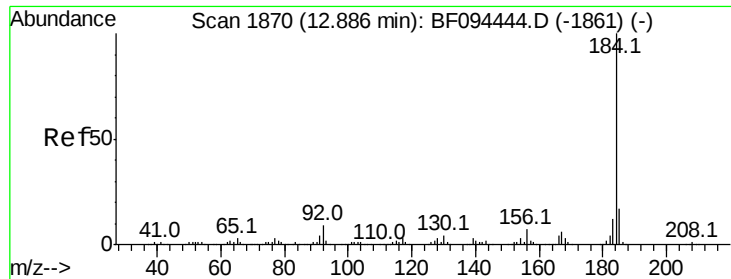
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	24.8	20.5	30.7





#76

Benzidine

Concen: 34.69 ng

RT: 12.88 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

Instrument :

BNA_F

ClientSampleId :

MARJON-SEMS

Tot Ion:184 Resp: 350880

Ion Ratio Lower Upper

184 100

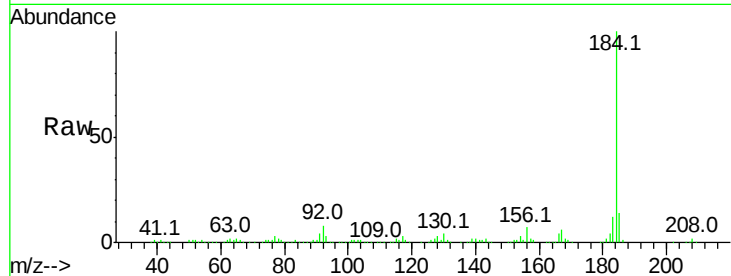
185 14.3 15.5 23.3#

183 11.6 9.8 14.6

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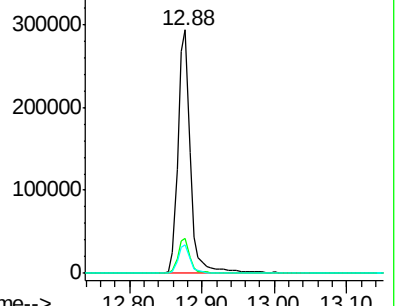
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Abundance Ion 184.00 (183.70 to 184.70): E

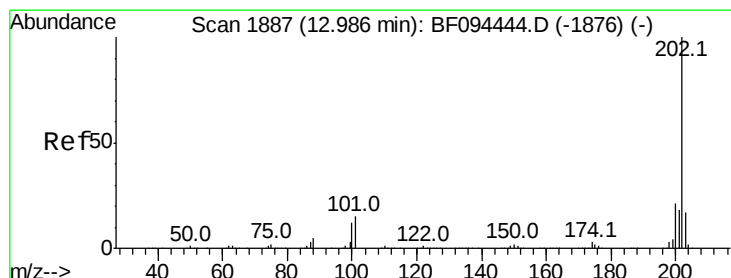
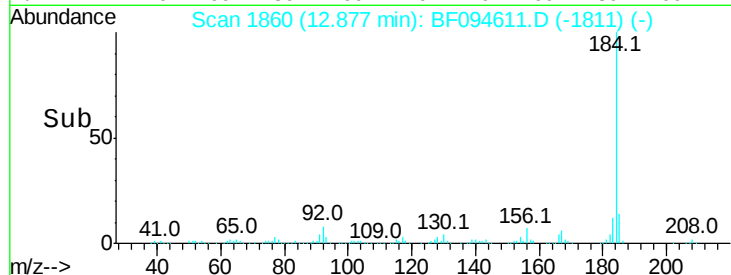
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 39.03 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094611.D

Acq: 25 Apr 2017 18:00

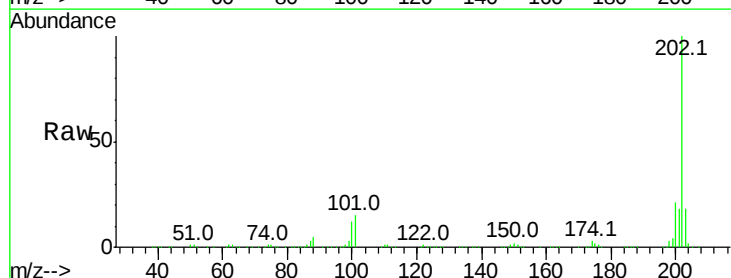
Tgt Ion:202 Resp: 681206

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

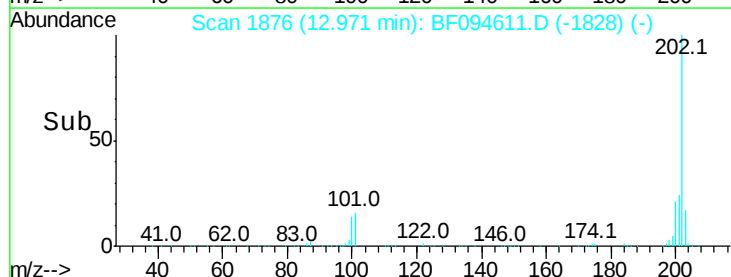
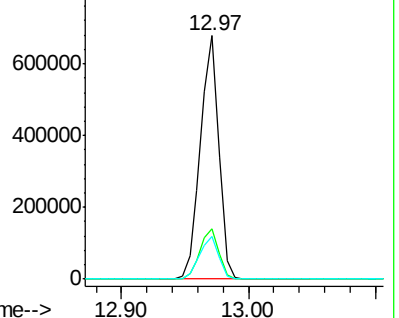
203 17.6 14.4 21.6

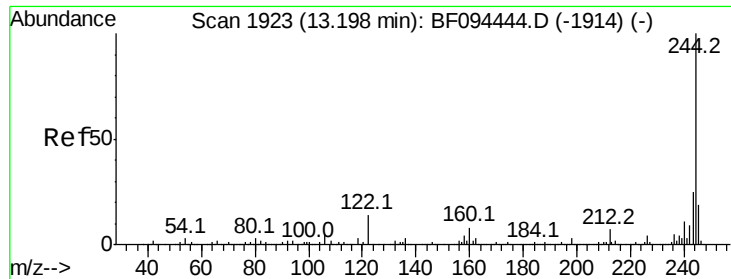


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





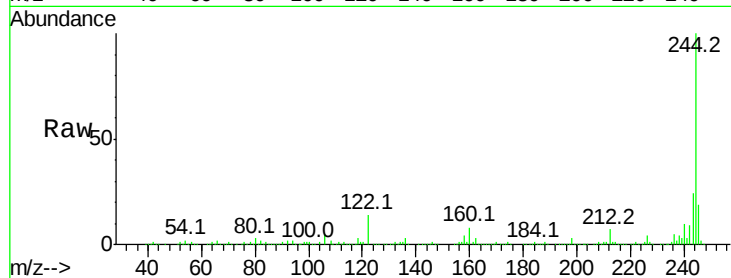
#78
 Terphenyl-d14
 Concen: 84.18 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

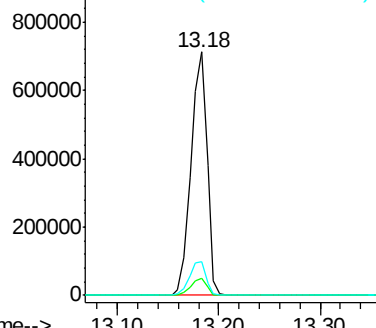
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.7	10.3	15.5

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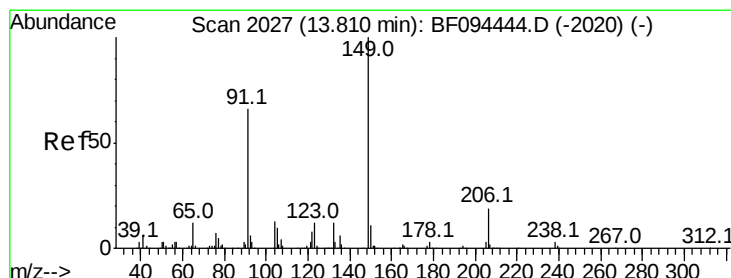
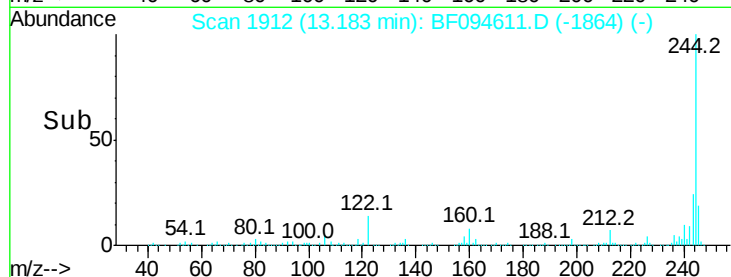


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



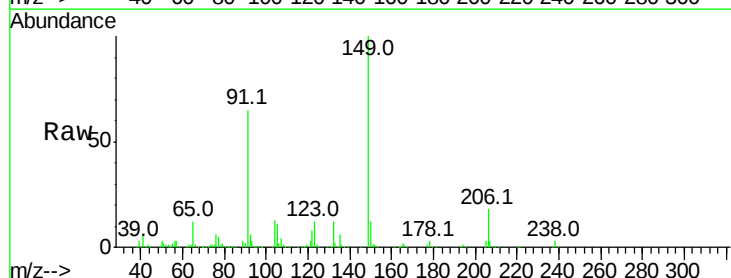
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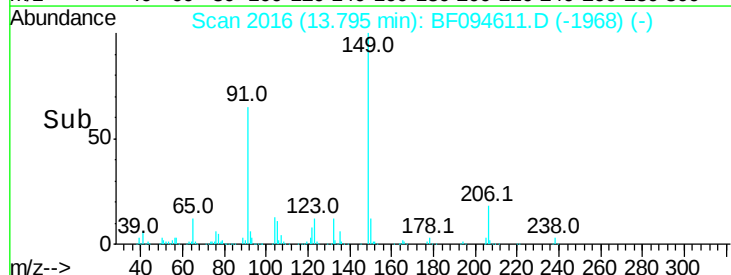
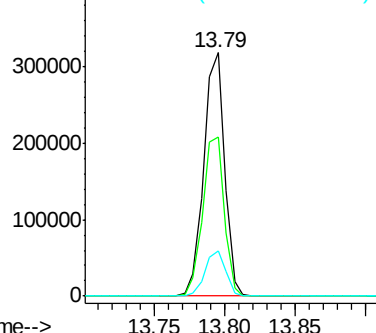


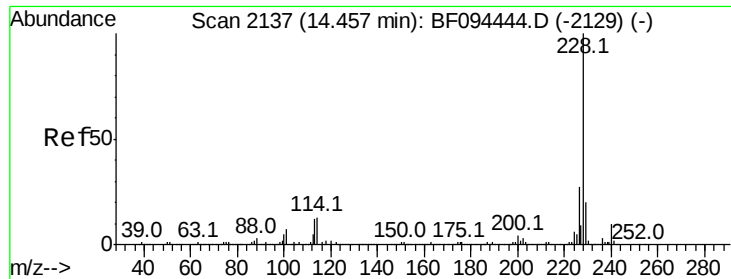
#79
 Butylbenzylphthalate
 Concen: 42.73 ng
 RT: 13.79 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	45.0	67.4
206	18.4	17.0	25.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E





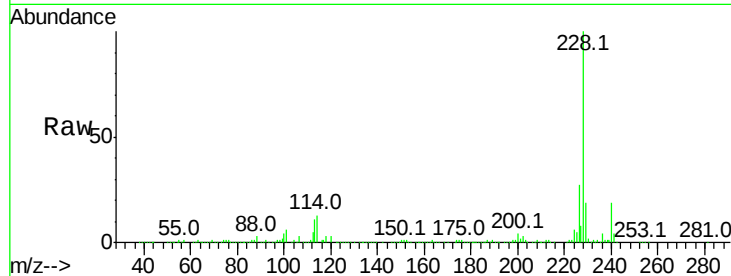
#80
Benzo(a)anthracene
Concen: 38.67 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

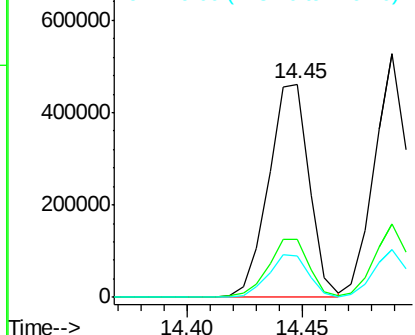
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.4	16.3	24.5

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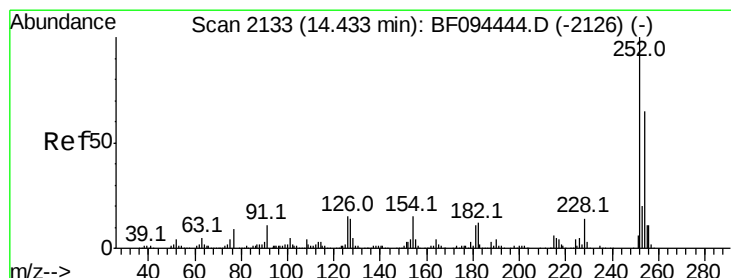
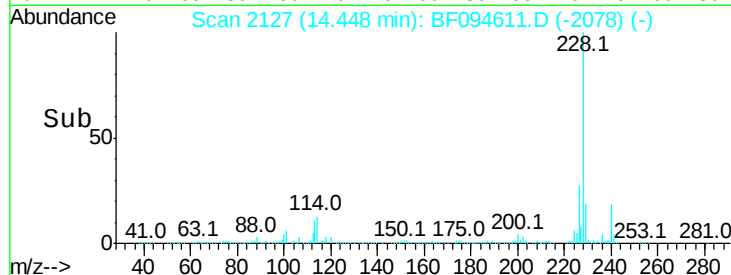


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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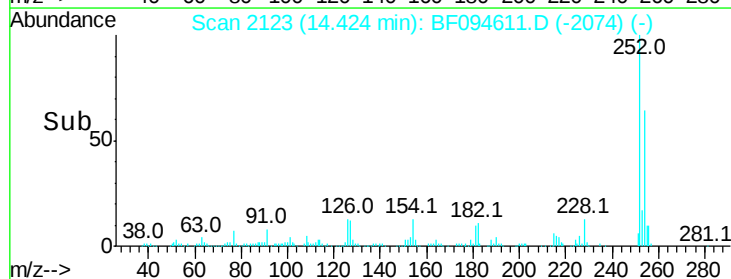
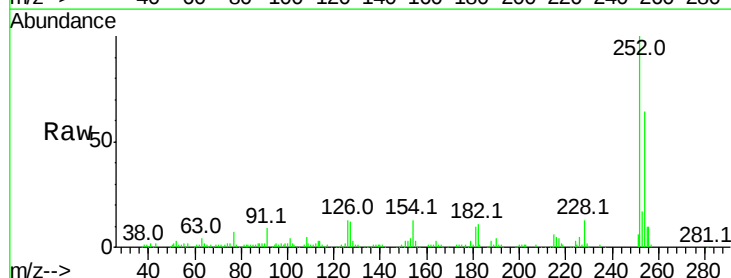
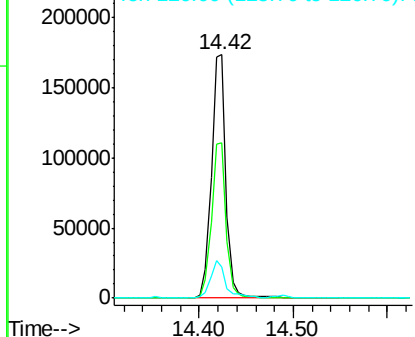
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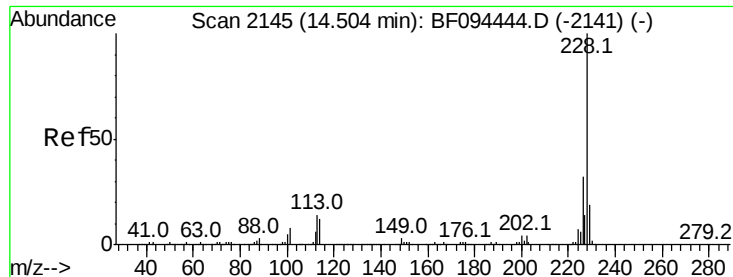


#81
3,3'-Dichlorobenzidine
Concen: 37.20 ng
RT: 14.42 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.0	15.8	23.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





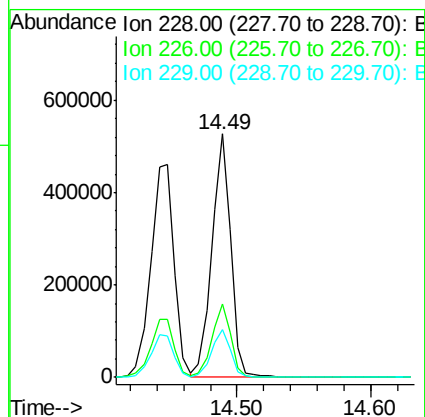
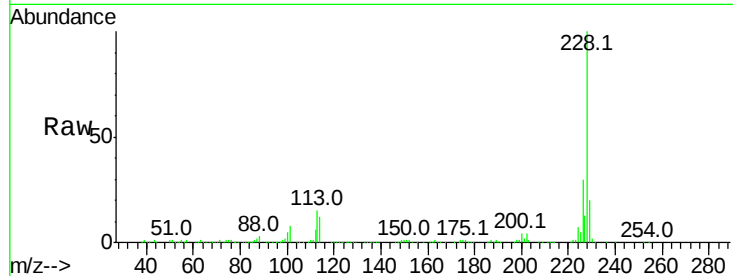
#82
 Chrysene
 Concen: 39.24 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MARJON-SEMS

Tot Ion:	228	Resp:	520686
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	19.7	15.8	23.6

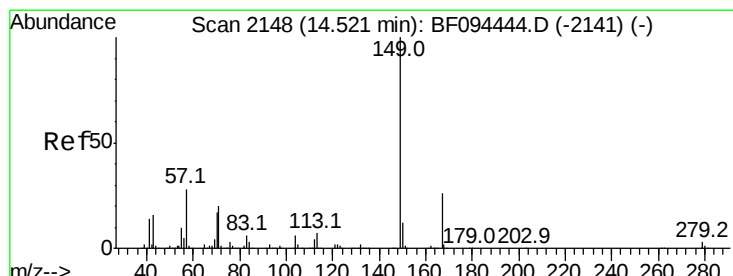
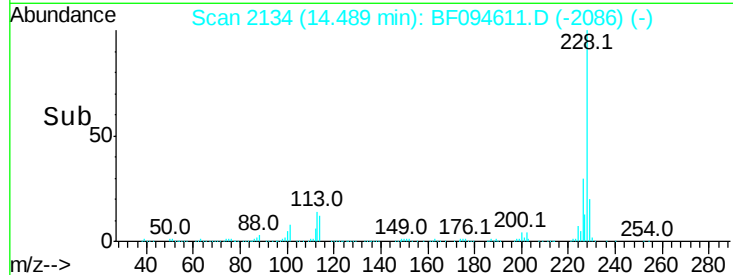
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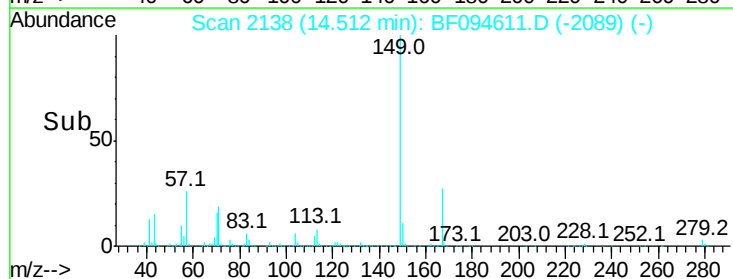
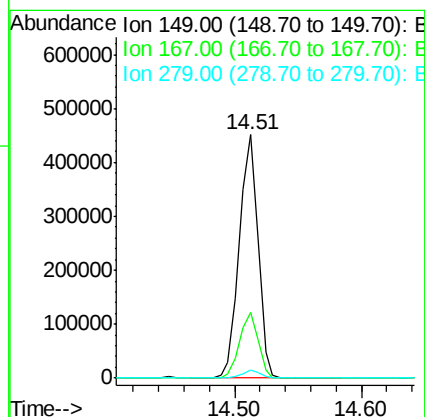
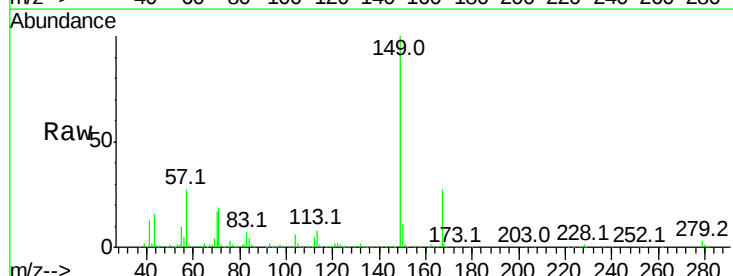
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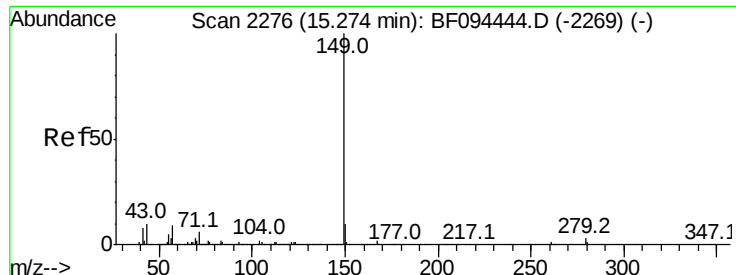
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.65 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094611.D
 Acq: 25 Apr 2017 18:00

Tgt Ion:	149	Resp:	458487
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.2	1.9	2.9#





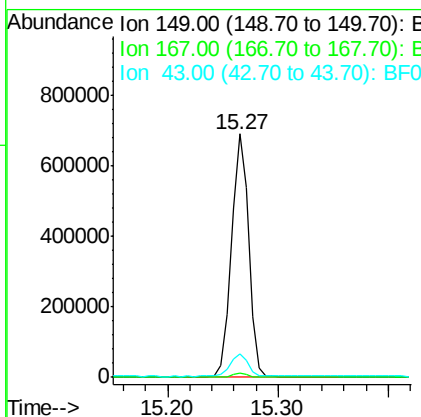
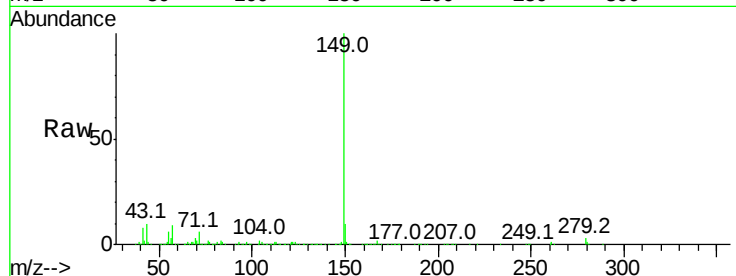
#84
Di-n-octyl phthalate
Concen: 43.82 ng
RT: 15.27 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion:	149	Resp:	754883
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7

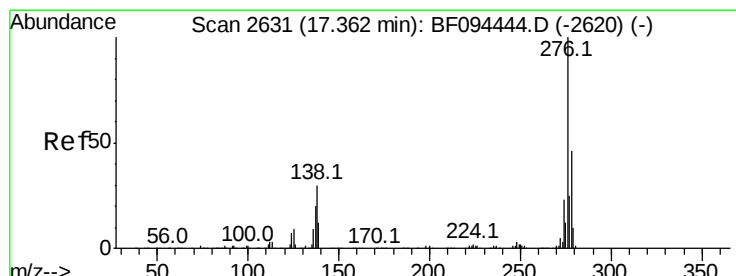
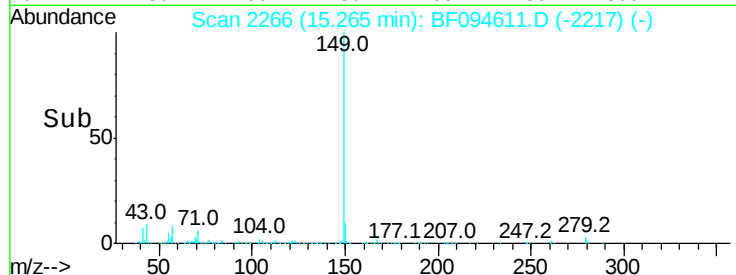
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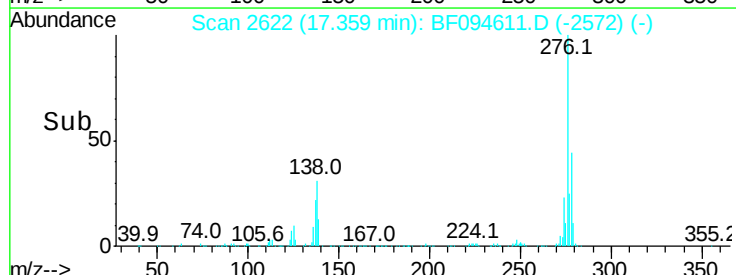
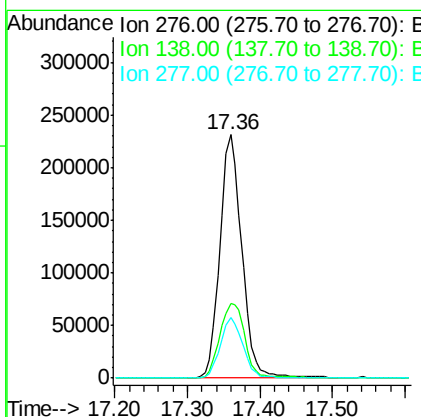
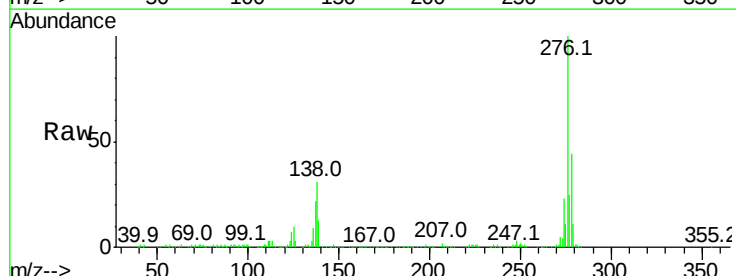
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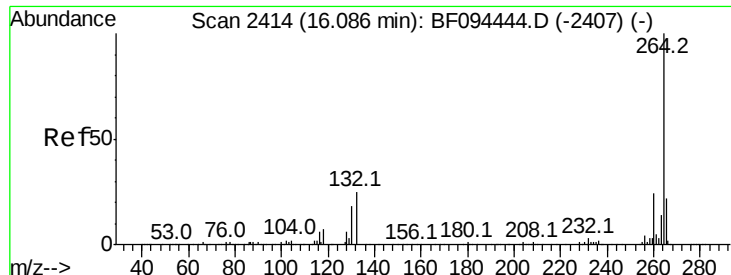
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.77 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion:	276	Resp:	489450
Ion Ratio	Lower	Upper	
276	100		
138	34.7	27.8	41.6
277	25.7	20.2	30.4





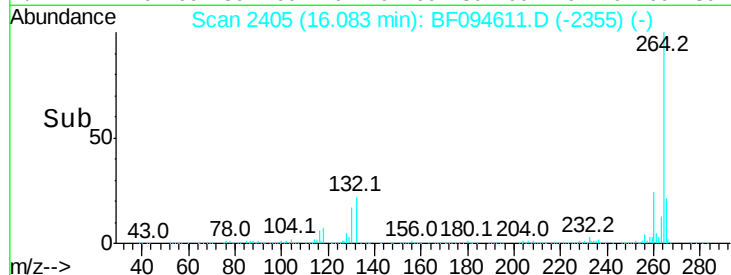
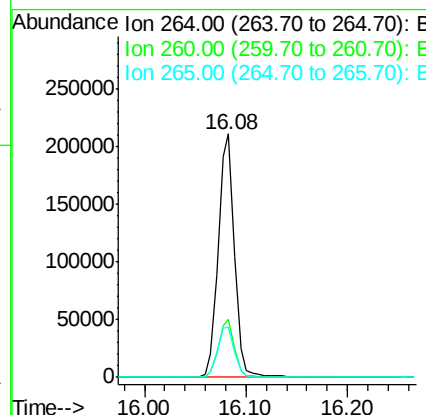
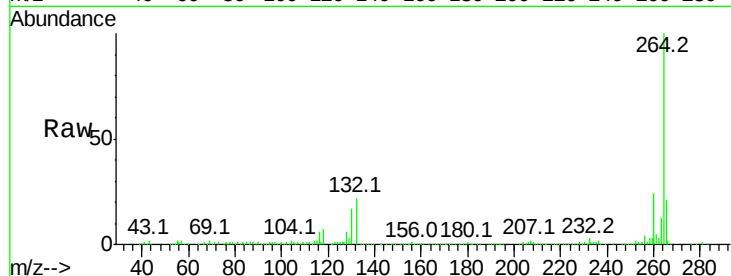
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.7	17.2	25.8

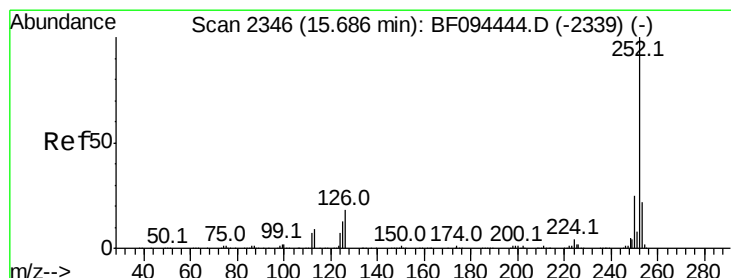
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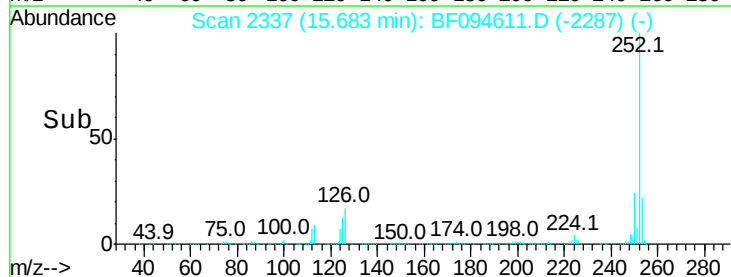
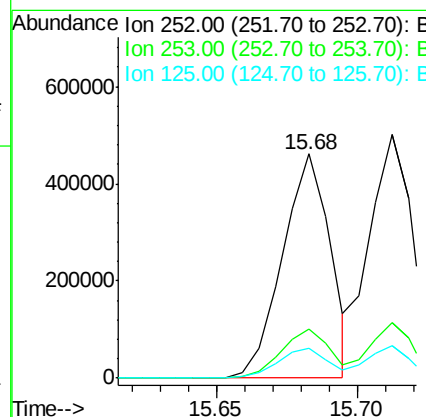
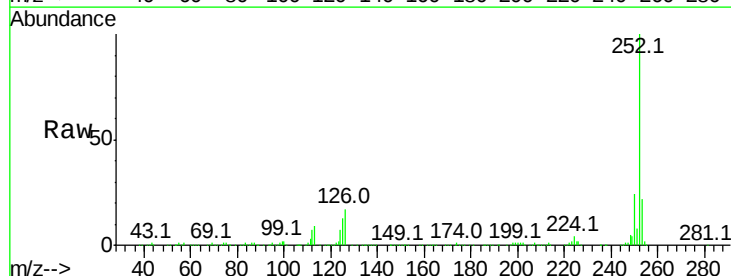
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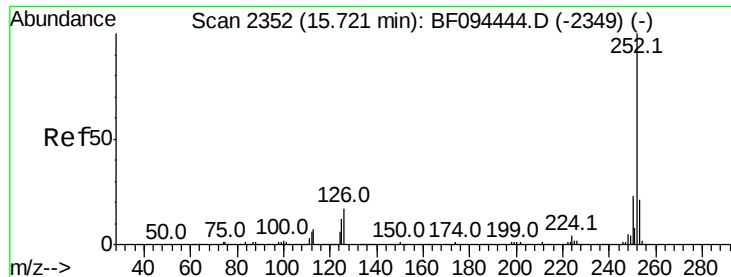
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#87
Benzo(b)fluoranthene
Concen: 37.65 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.2	9.8	14.8





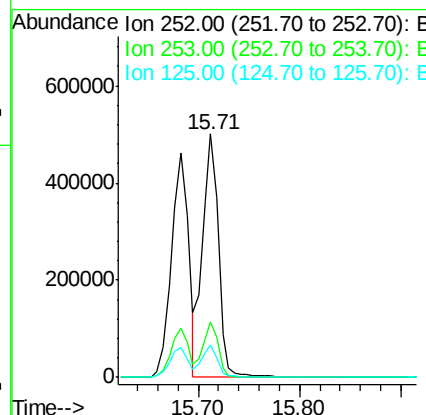
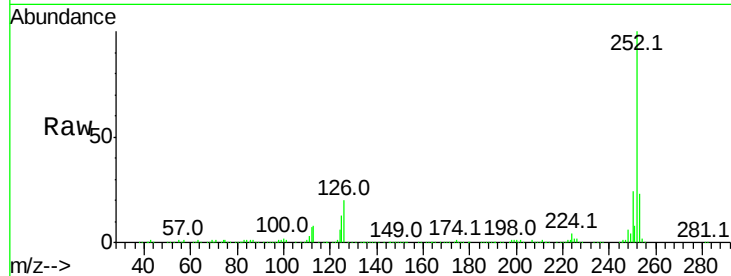
#88
Benzo(k)fluoranthene
Concen: 40.10 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.2	13.1	19.7

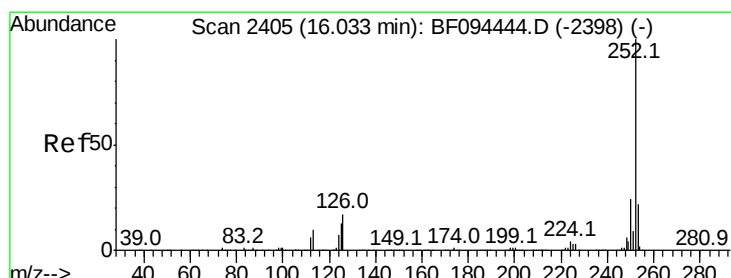
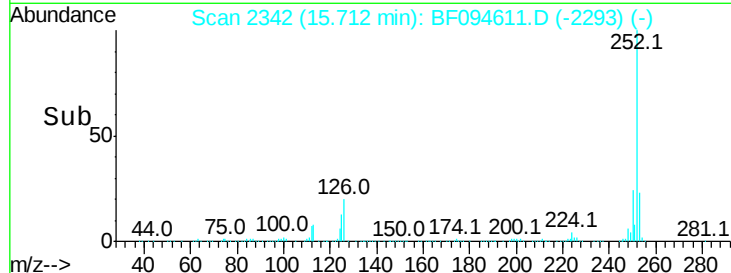
Manual Integrations
APPROVED

mohammad
4/26/2017 2:21:01 PM



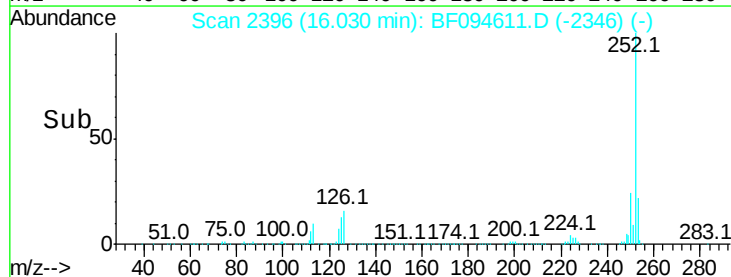
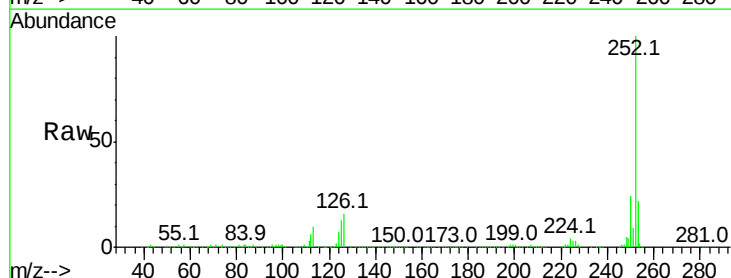
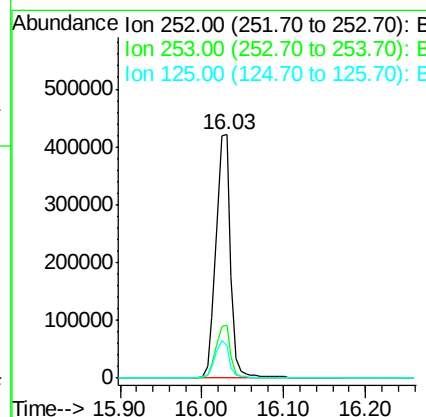
mohammad

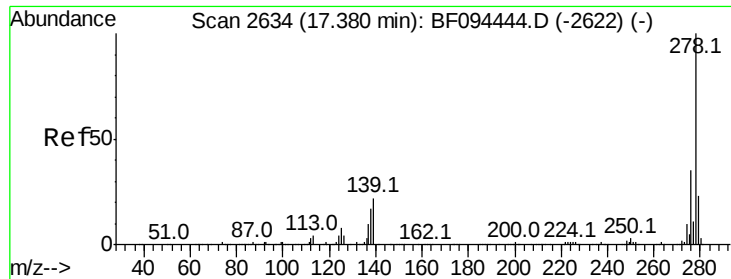
4/26/2017 2:21:01 PM



#89
Benzo(a)pyrene
Concen: 39.10 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	13.4	11.0	16.4





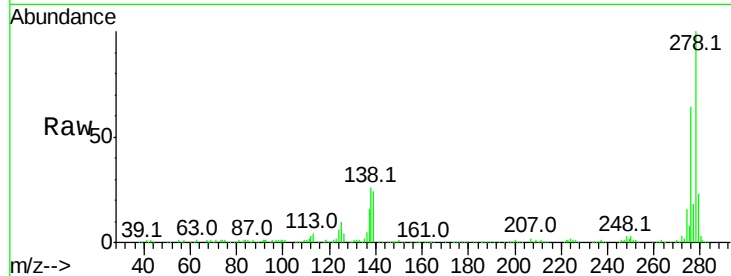
#90
Dibenzo(a,h)anthracene
Concen: 37.27 ng
RT: 17.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Instrument :
BNA_F
ClientSampleId :
MARJON-SEMS

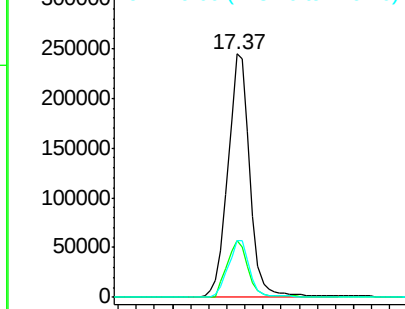
Tot Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.6	24.8
279	23.4	19.3	28.9

Manual Integrations
APPROVED

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4/26/2017 2:21:01 PM

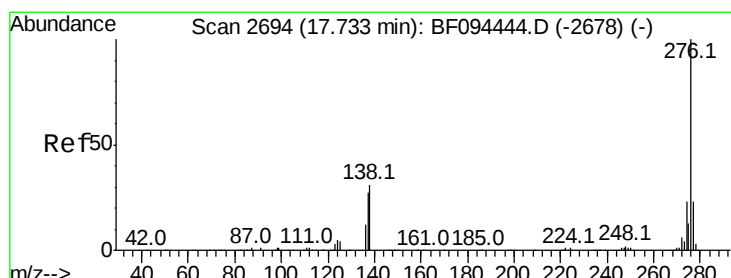
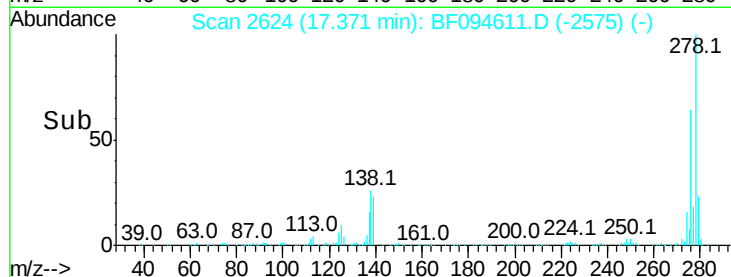


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



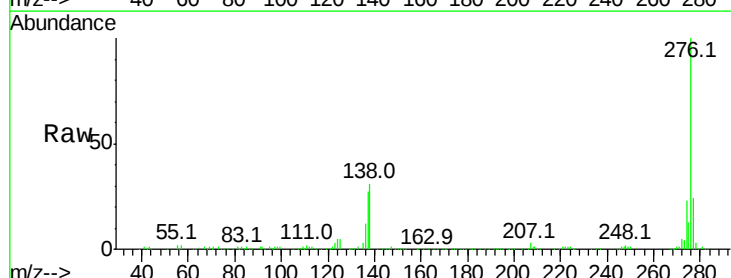
mohammad

4/26/2017 2:21:01 PM



#91
Benzo(g,h,i)perylene
Concen: 33.79 ng
RT: 17.73 min Scan# 2685
Delta R.T. -0.00 min
Lab File: BF094611.D
Acq: 25 Apr 2017 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	30.9	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

