

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094231.D
 Acq On : 6 Apr 2017 16:35
 Operator : SJ/MA
 Sample : I2537-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Manual Integrations
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 4/7/2017 5:20:51 PM

Quant Time: Apr 06 17:34:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	165951	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	698214	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	319154	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	546069	20.00	ng	0.00
75) Chrysene-d12	14.57	240	380177	20.00	ng	0.00
86) Perylene-d12	16.19	264	274035	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1169210	119.00	ng	0.01
7) Phenol-d6	5.47	99	1512374	124.43	ng	0.00
23) Nitrobenzene-d5	6.50	82	943421	77.11	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	305060	120.96	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1558556	74.48	ng	0.00
78) Terphenyl-d14	13.30	244	1208897	71.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	161112	34.13	ng	97
3) Pyridine	2.73	79	388858	30.23	ng	98
4) n-Nitrosodimethylamine	2.69	42	216684	40.93	ng	91
6) Aniline	5.48	93	293567	17.36	ng	# 1
8) 2-Chlorophenol	5.62	128	478830	44.34	ng	95
9) Benzaldehyde	5.35	77	240331	29.28	ng	99
10) Phenol	5.48	94	649790	46.98	ng	99
11) bis(2-Chloroethyl)ether	5.56	93	444454	41.12	ng	98
12) 1,3-Dichlorobenzene	5.79	146	490115	40.46	ng	99
13) 1,4-Dichlorobenzene	5.87	146	502324	40.94	ng	98
14) 1,2-Dichlorobenzene	6.05	146	471603	41.74	ng	96
15) Benzyl Alcohol	6.02	79	393388	44.22	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	625753	37.57	ng	96
17) 2-Methylphenol	6.17	107	400216	43.27	ng	97
18) Hexachloroethane	6.44	117	173373	40.20	ng	# 83
19) n-Nitroso-di-n-propylamine	6.34	70	331874	42.48	ng	98
20) 3+4-Methylphenols	6.35	107	515969	46.06	ng	# 63
22) Acetophenone	6.33	105	670533	43.09	ng	# 86
24) Nitrobenzene	6.53	77	492652	40.83	ng	93
25) Isophorone	6.82	82	884280	41.13	ng	96
26) 2-Nitrophenol	6.90	139	270886	47.07	ng	97
27) 2,4-Dimethylphenol	6.97	122	438015	44.18	ng	96
28) bis(2-Chloroethoxy)methane	7.08	93	578197	40.78	ng	100
29) 2,4-Dichlorophenol	7.20	162	409948	44.22	ng	99
30) 1,2,4-Trichlorobenzene	7.29	180	391995	41.05	ng	99
31) Naphthalene	7.38	128	1341763	39.97	ng	99
32) Benzoic acid	7.12	122	158172	23.96	ng	89
33) 4-Chloroaniline	7.45	127	139635	10.26	ng	# 93
34) Hexachlorobutadiene	7.54	225	193653	39.55	ng	99
35) Caprolactam	7.89	113	131810m	44.58	ng	
36) 4-Chloro-3-methylphenol	8.07	107	439296	45.35	ng	91
37) 2-Methylnaphthalene	8.23	142	937022	41.87	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	345520	39.57	ng	99
40) Hexachlorocyclopentadiene	8.42	237	246099	60.24	ng	99

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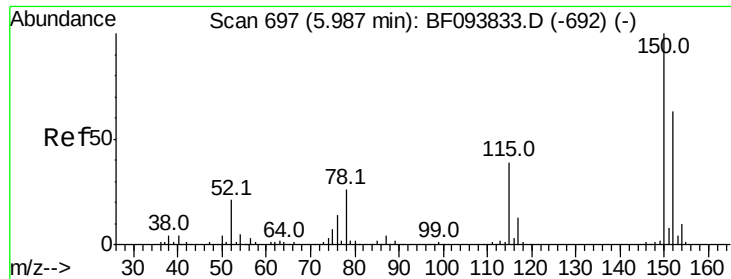
Manual Integrations
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Quant Time: Apr 06 17:34:56 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	275093	44.53	nq	97
43) 2,4,5-Trichlorophenol	8.63	196	283525	42.42	nq	96
45) 1,1'-Biphenyl	8.80	154	1037436	40.30	nq	97
46) 2-Chloronaphthalene	8.82	162	825053	40.94	nq	95
47) 2-Nitroaniline	8.95	65	256735	42.95	nq	87
48) Acenaphthylene	9.33	152	1294093	38.64	nq	99
49) Dimethylphthalate	9.19	163	1188363	52.38	nq	100
50) 2,6-Dinitrotoluene	9.26	165	224455	43.16	nq	90
51) Acenaphthene	9.54	154	768852	39.34	nq	100
52) 3-Nitroaniline	9.45	138	114631	18.77	nq	94
53) 2,4-Dinitrophenol	9.59	184	167938	61.49	nq	# 68
54) Dibenzofuran	9.76	168	1095629	41.19	nq	99
55) 4-Nitrophenol	9.70	139	354233	74.07	nq	# 71
56) 2,4-Dinitrotoluene	9.75	165	265133	40.58	nq	# 63
57) Fluorene	10.17	166	847609	38.42	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	210754	45.95	nq	98
59) Diethylphthalate	10.06	149	936635	41.77	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	363032	38.63	nq	93
61) 4-Nitroaniline	10.22	138	227946	38.90	nq	98
62) Azobenzene	10.37	77	908798	42.85	nq	97
64) 4,6-Dinitro-2-methylphenol	10.26	198	129854	38.83	nq	# 67
65) n-Nitrosodiphenylamine	10.33	169	786011	41.62	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	220980	41.15	nq	99
67) Hexachlorobenzene	10.85	284	226189	41.60	nq	# 89
68) Atrazine	11.00	200	232684	41.14	nq	96
69) Pentachlorophenol	11.10	266	248566	73.46	nq	96
70) Phenanthrene	11.35	178	1205258	39.68	nq	99
71) Anthracene	11.42	178	1244298	39.78	nq	100
72) Carbazole	11.62	167	1197531	37.34	nq	99
73) Di-n-butylphthalate	12.07	149	1425698	42.74	nq	99
74) Fluoranthene	12.82	202	1189251	38.23	nq	98
76) Benzidine	12.98	184	369060	24.53	nq	# 93
77) Pyrene	13.09	202	1201601	43.55	nq	99
79) Butylbenzylphthalate	13.91	149	582095	49.52	nq	91
80) Benzo(a)anthracene	14.56	228	904153	40.78	nq	97
81) 3,3'-Dichlorobenzidine	14.53	252	194242	24.51	nq	# 96
82) Chrysene	14.60	228	804836	39.12	nq	100
83) Bis(2-ethylhexyl)phthalate	14.62	149	801920	50.00	nq	100
84) Di-n-octyl phthalate	15.37	149	1244304	46.44	nq	98
85) Indeno(1,2,3-cd)pyrene	17.52	276	702029	39.40	nq	99
87) Benzo(b)fluoranthene	15.79	252	679007	40.42	nq	98
88) Benzo(k)fluoranthene	15.82	252	677212	41.21	nq	96
89) Benzo(a)pyrene	16.14	252	631537	40.83	nq	99
90) Dibenzo(a,h)anthracene	17.54	278	577760	44.10	nq	97
91) Benzo(g,h,i)perylene	17.91	276	606865	45.97	nq	97

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



#1

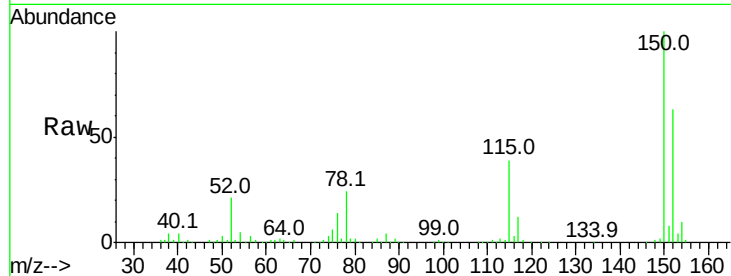
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

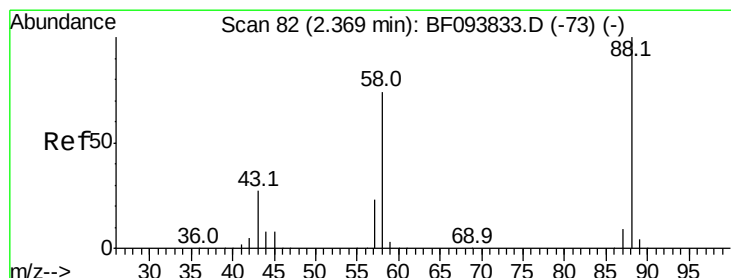
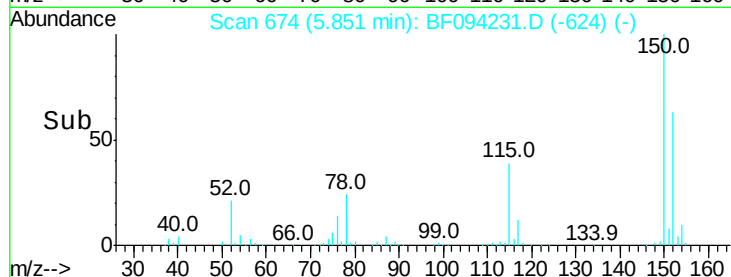
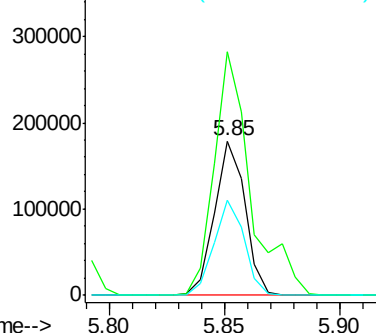
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	61.3	52.2	78.2

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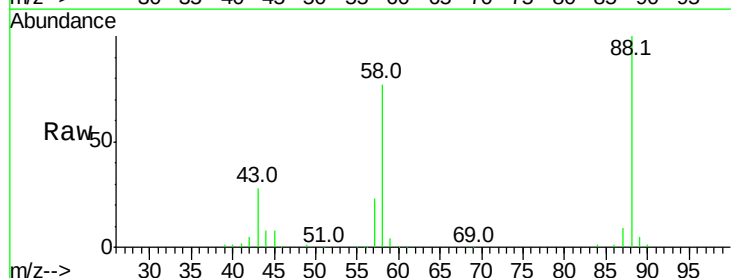
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



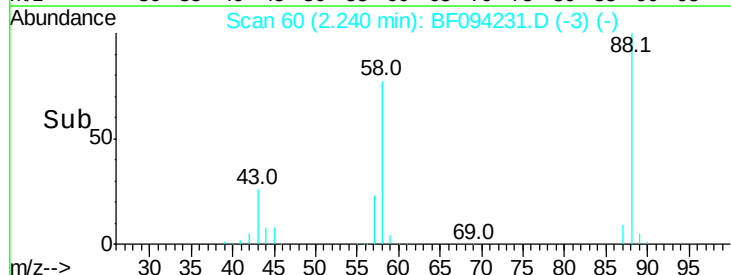
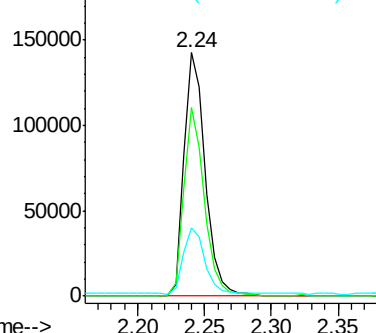
#2

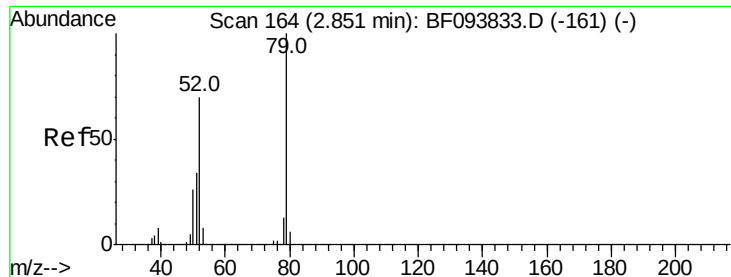
1,4-Dioxane
Concen: 34.13 ng
RT: 2.24 min Scan# 60
Delta R.T. 0.04 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	61.4	92.0
43	27.1	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: 30.23 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

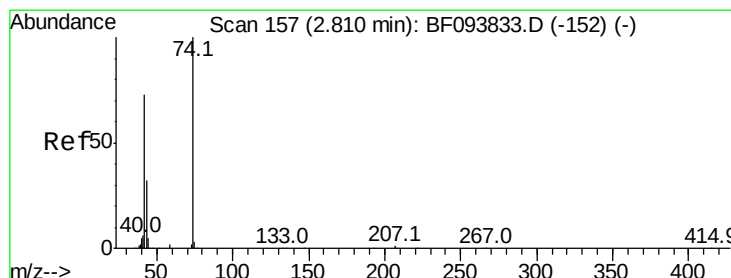
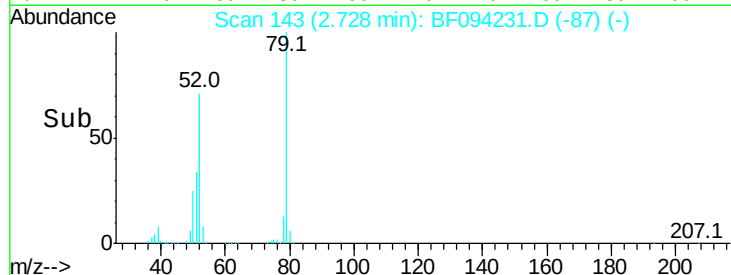
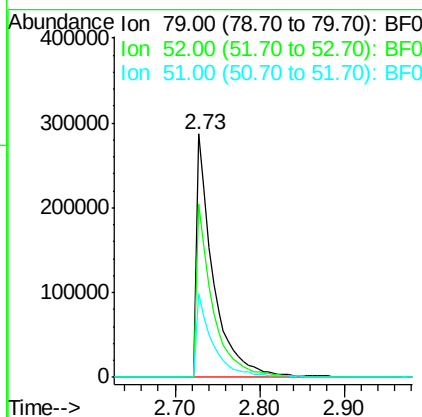
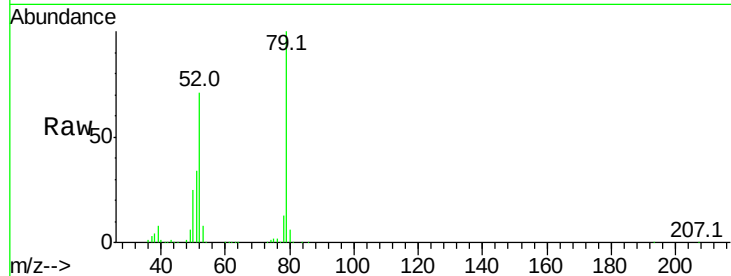
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	79	Resp:	388858
Ion Ratio	Lower	Upper	
79	100		
52	70.9	54.8	82.2
51	34.1	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 40.93 ng

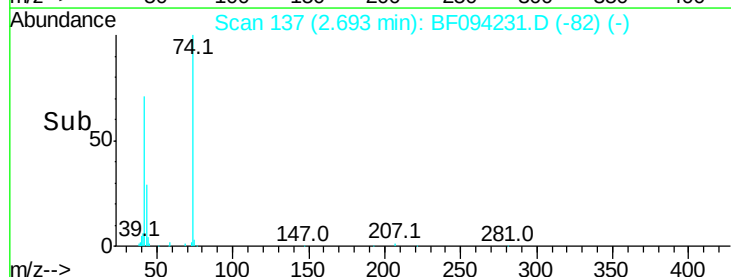
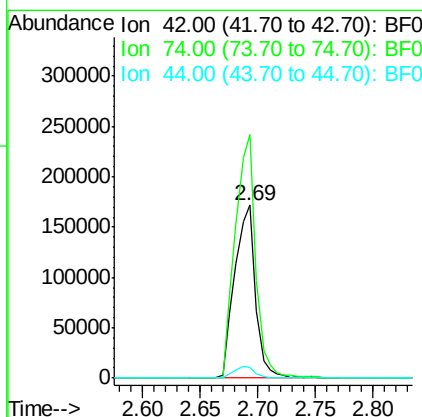
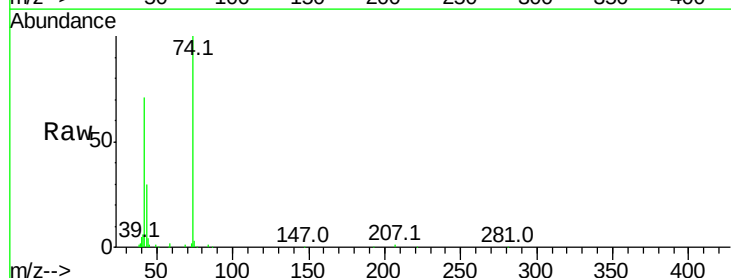
RT: 2.69 min Scan# 137

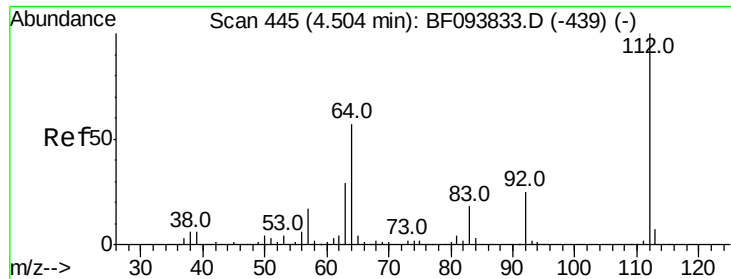
Delta R.T. 0.02 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	42	Resp:	216684
Ion Ratio	Lower	Upper	
42	100		
74	140.9	103.9	155.9
44	6.2	5.7	8.5





#5

2-Fluorophenol

Concen: 119.00 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

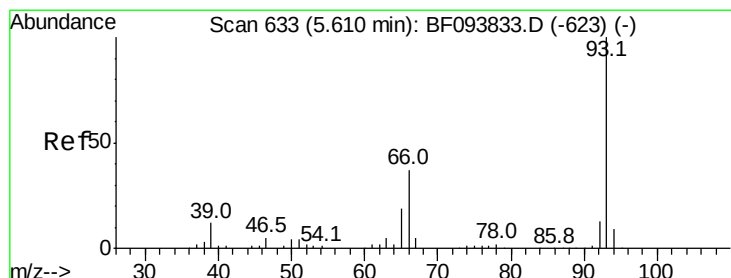
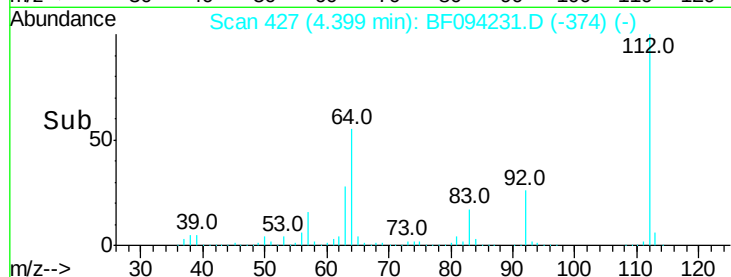
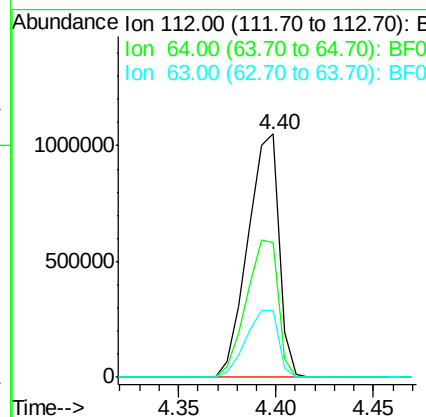
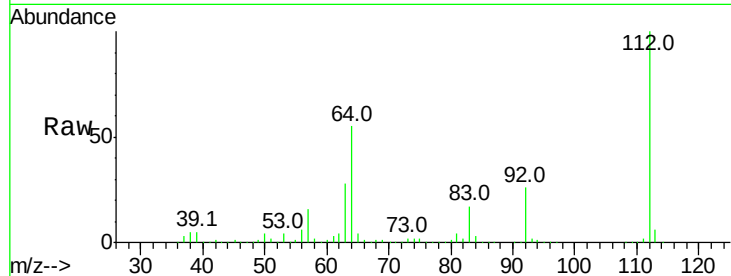
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	112	Resp:	1169210
Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	27.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 17.36 ng

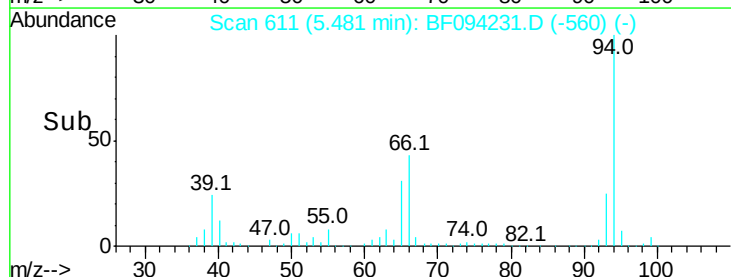
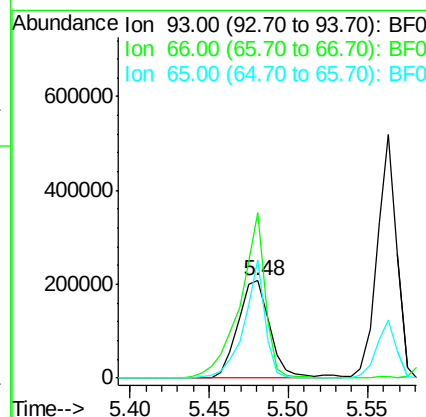
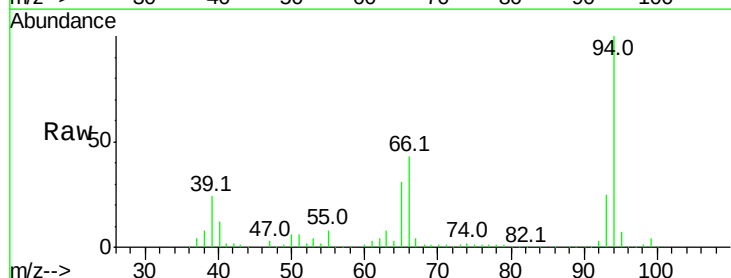
RT: 5.48 min Scan# 611

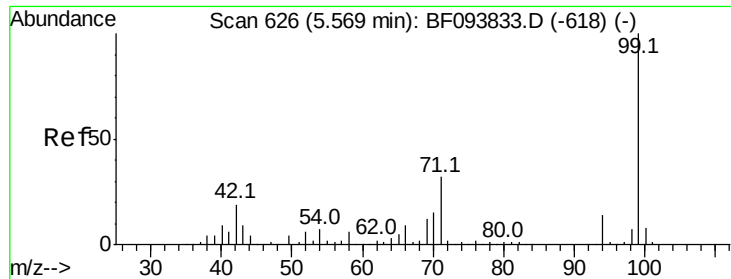
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	93	Resp:	293567
Ion	Ratio	Lower	Upper
93	100		
66	170.8	32.9	49.3#
65	121.9	16.0	24.0#





#7

Phenol-d6

Concen: 124.43 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MSD

Tot Ion: 99 Resp: 1512374

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

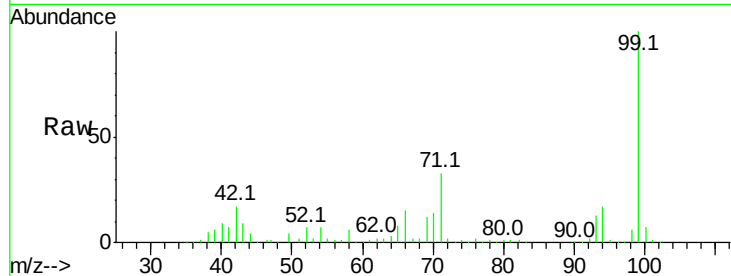
71 33.1 24.5 36.7

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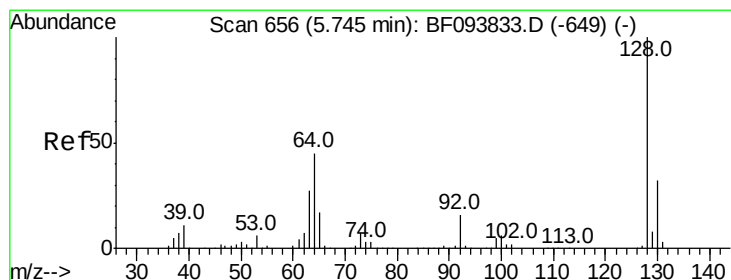
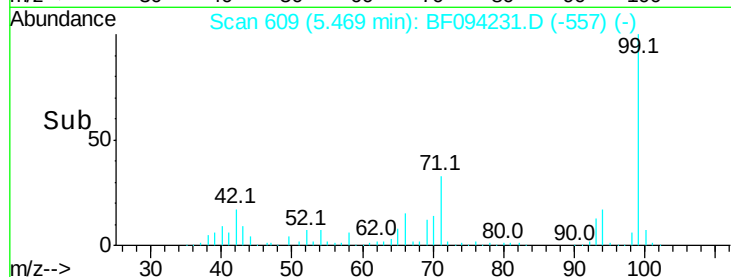
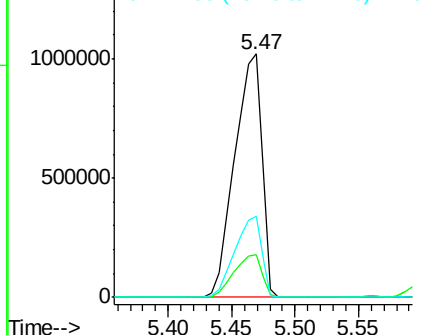
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.34 ng

RT: 5.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

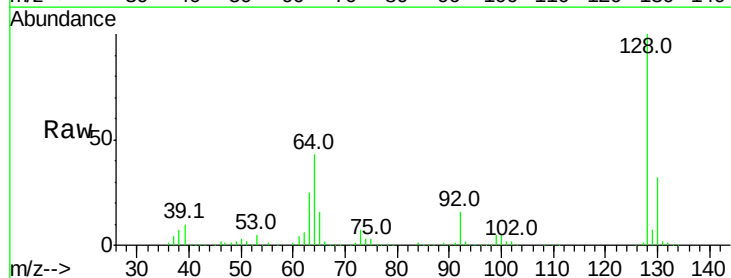
Tgt Ion:128 Resp: 478830

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

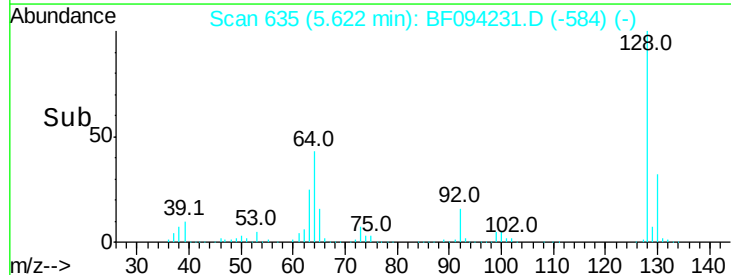
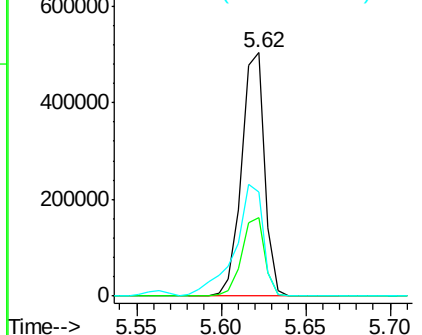
64 42.7 28.4 68.4

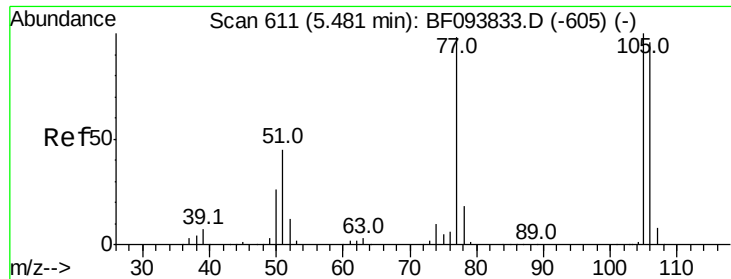


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.28 ng

RT: 5.35 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

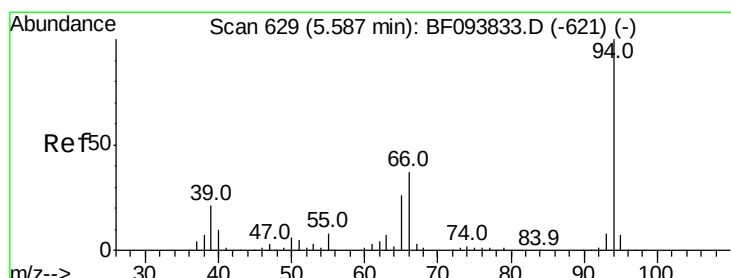
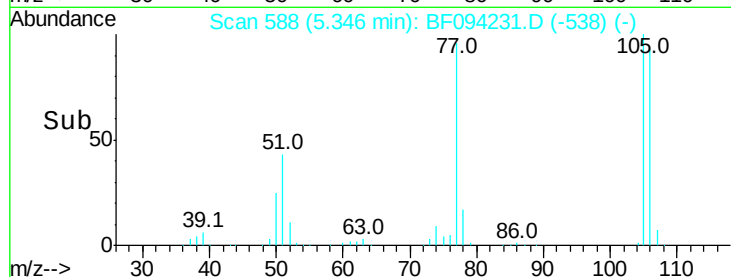
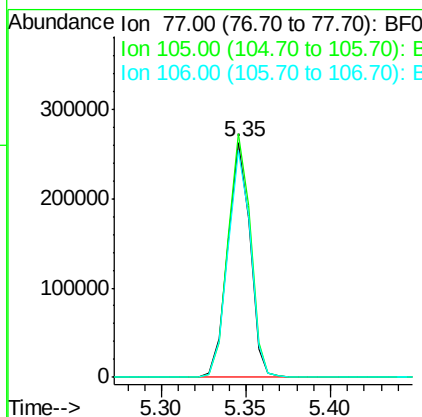
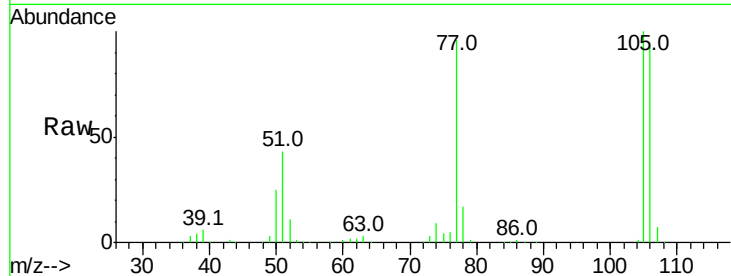
ClientSampleId :

B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.8	123.8
106	96.6	79.1	119.1

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#10

Phenol

Concen: 46.98 ng

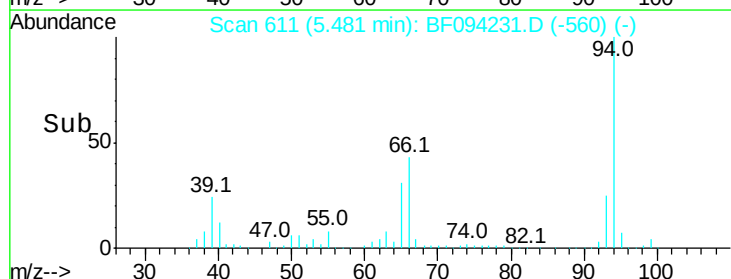
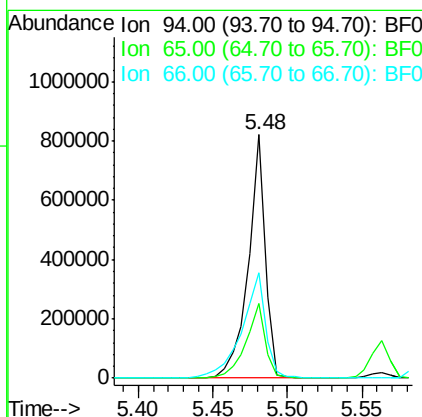
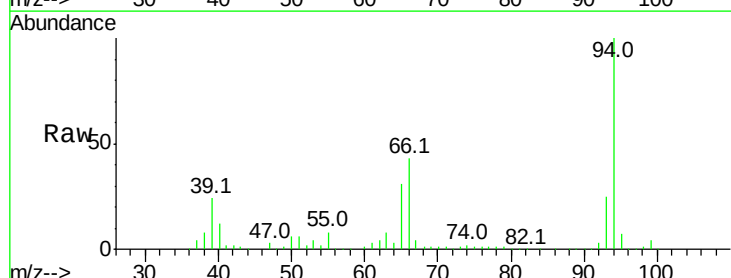
RT: 5.48 min Scan# 611

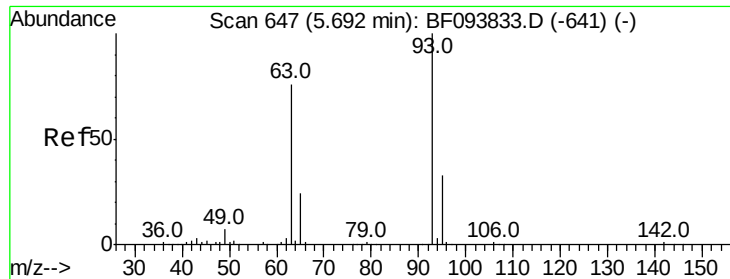
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.9	49.9
66	43.0	23.1	63.1





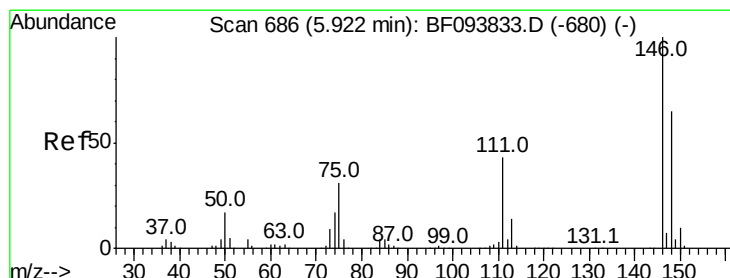
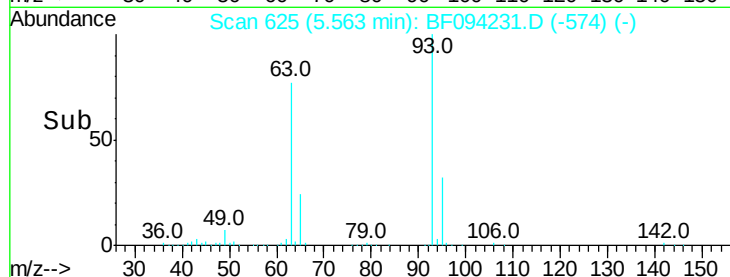
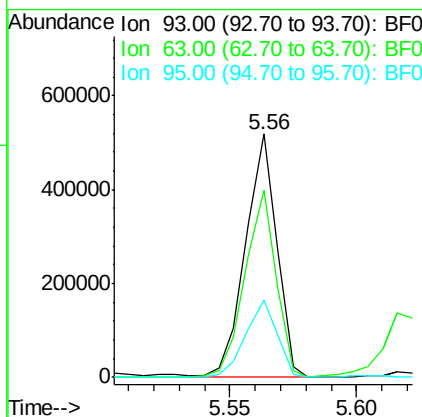
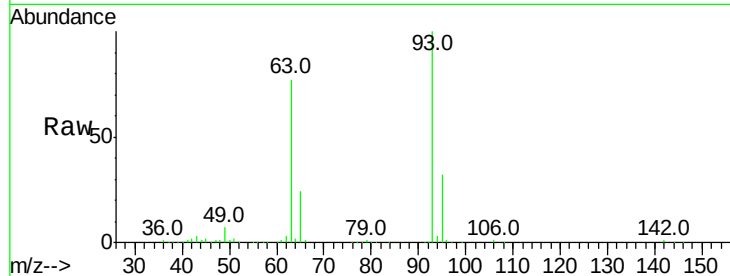
#11
bis(2-Chloroethyl)ether
Concen: 41.12 ng
RT: 5.56 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	444454		
63	76.8	59.2	99.2	
95	31.9	12.8	52.8	

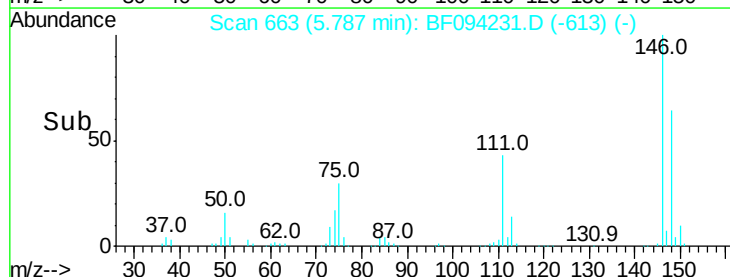
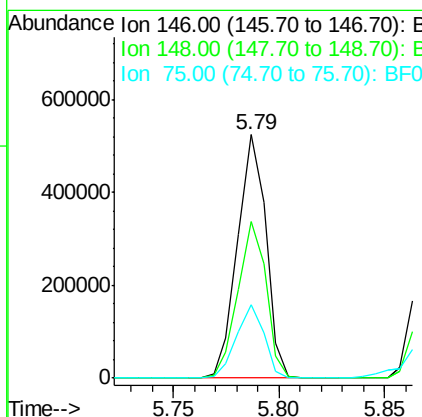
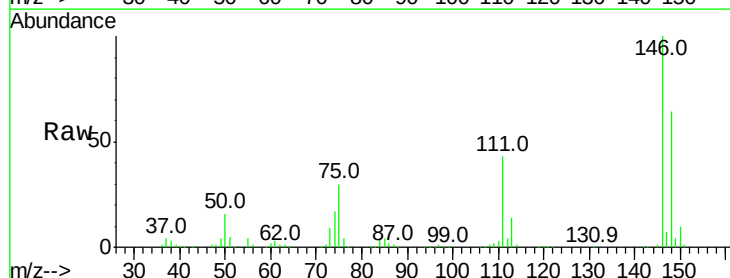
Manual Integrations
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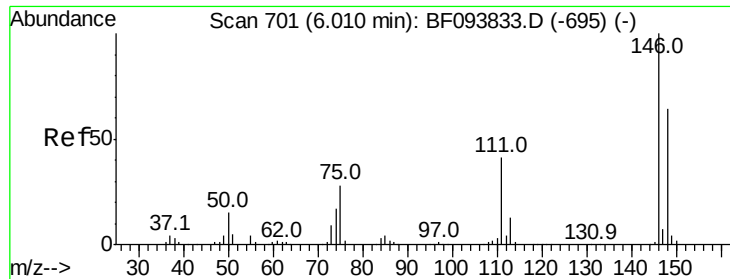
mohammad
4/7/2017 5:20:51 PM



#12
1,3-Dichlorobenzene
Concen: 40.46 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	490115		
148	64.2	51.8	77.6	
75	30.2	23.1	34.7	





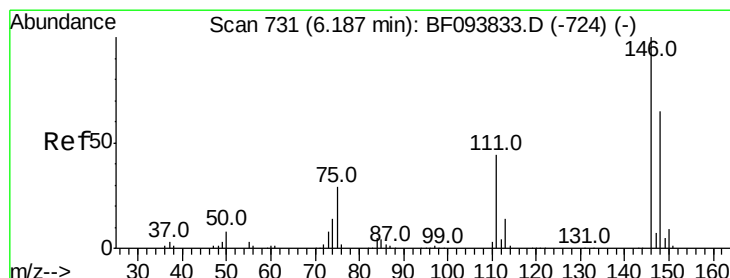
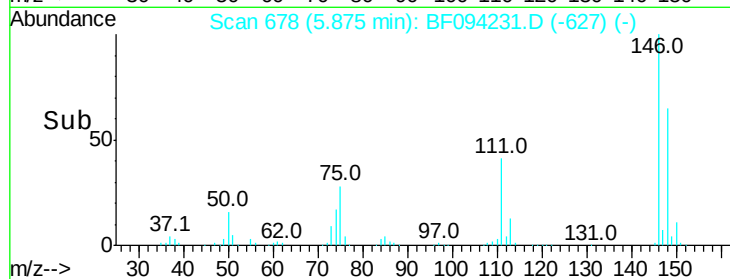
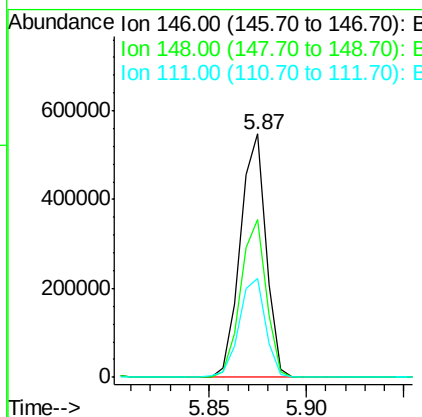
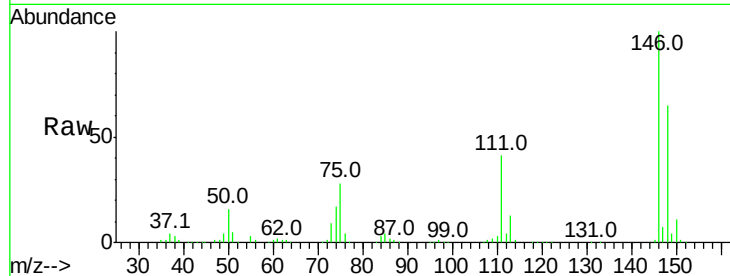
#13
 1,4-Dichlorobenzene
 Concen: 40.94 ng
 RT: 5.87 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	40.9	30.3	45.5

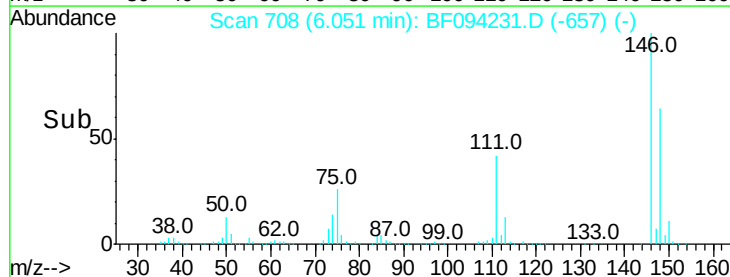
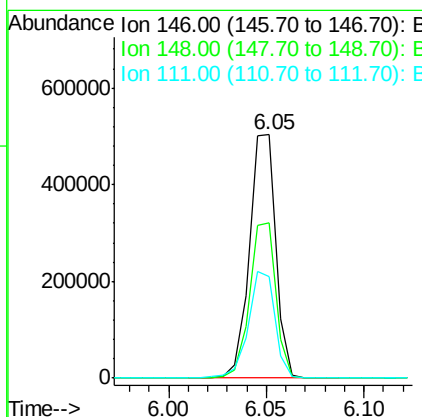
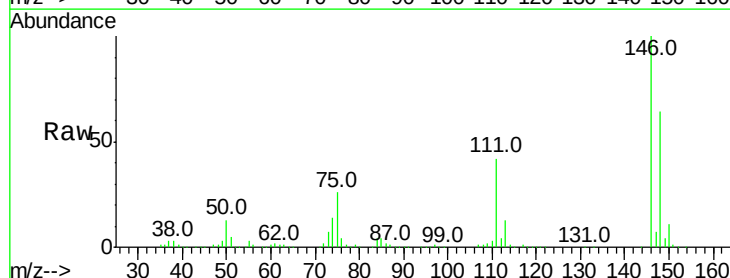
Manual Integrations
 APPROVED

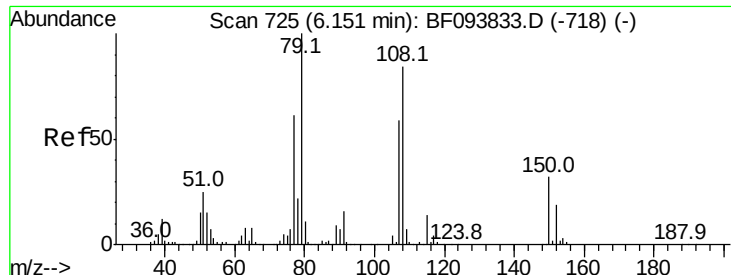
mohammad
 4/7/2017 5:20:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.74 ng
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	41.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 44.22 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MSD

Tot Ion: 79 Resp: 393388

Ion Ratio Lower Upper

79 100

108 80.2 63.4 95.0

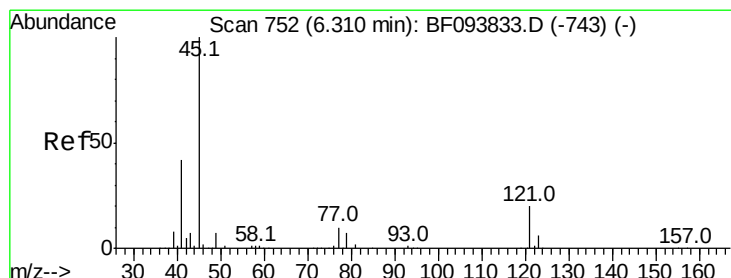
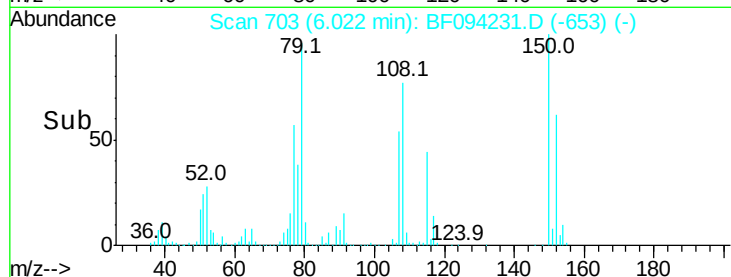
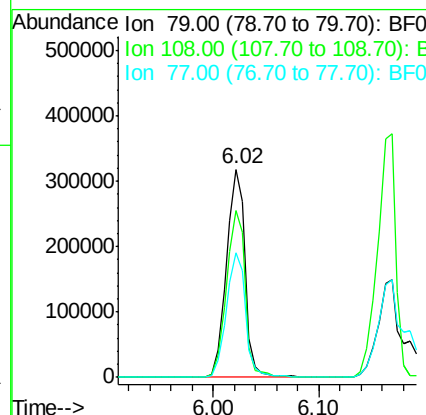
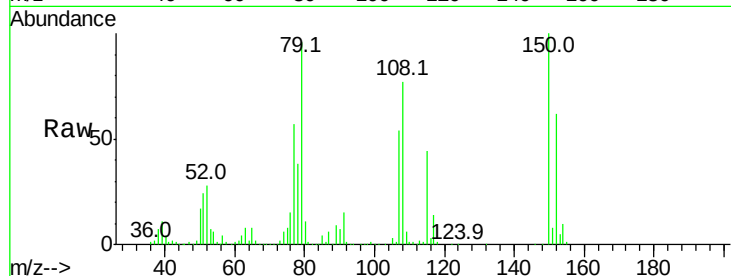
77 59.9 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.57 ng

RT: 6.19 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

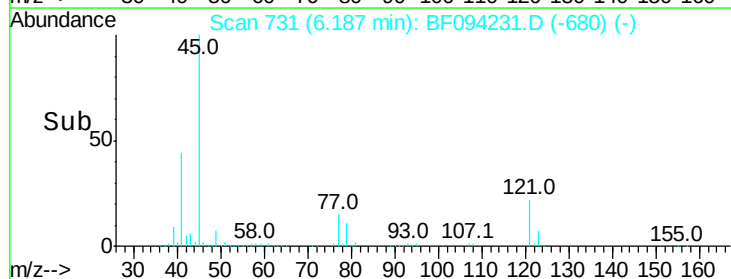
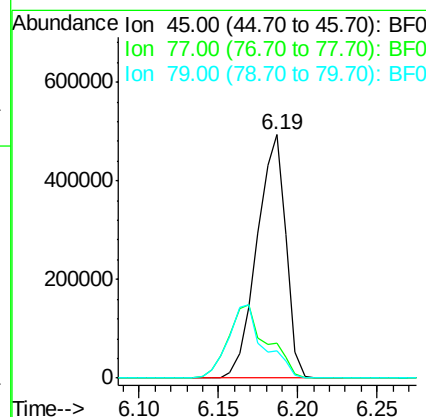
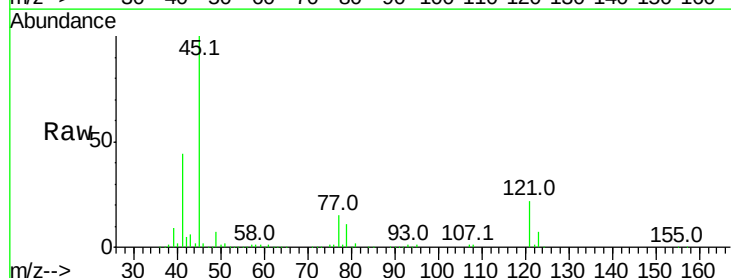
Tgt Ion: 45 Resp: 625753

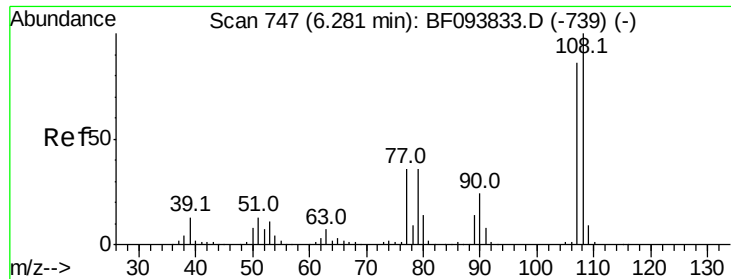
Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

79 11.4 0.0 30.0





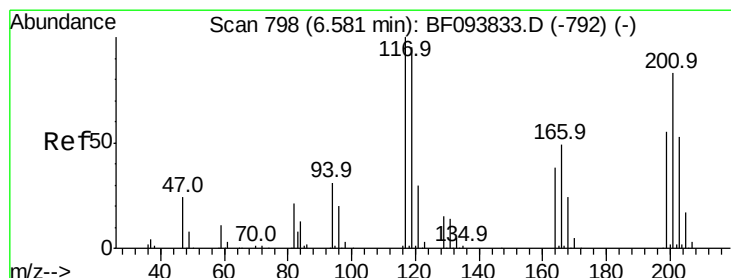
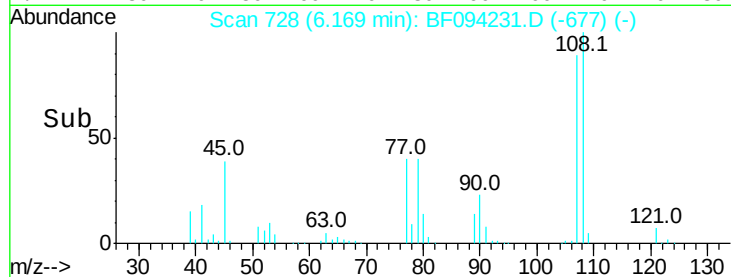
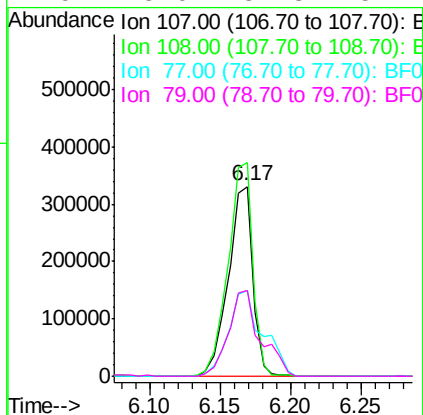
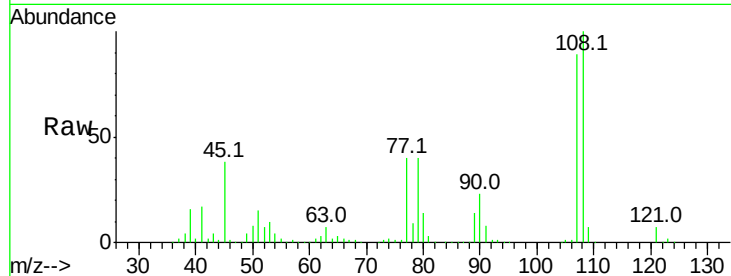
#17
2-Methylphenol
Concen: 43.27 ng
RT: 6.17 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	93.4	140.0	
77	45.0	35.8	53.6	
79	45.0	34.8	52.2	

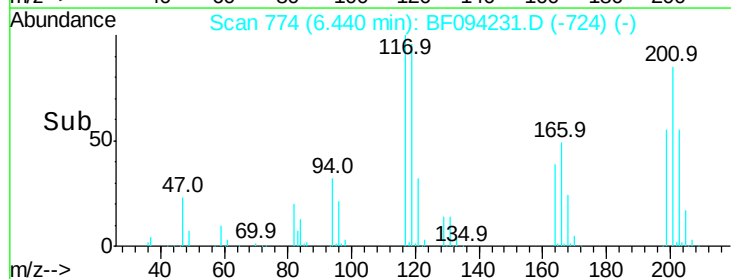
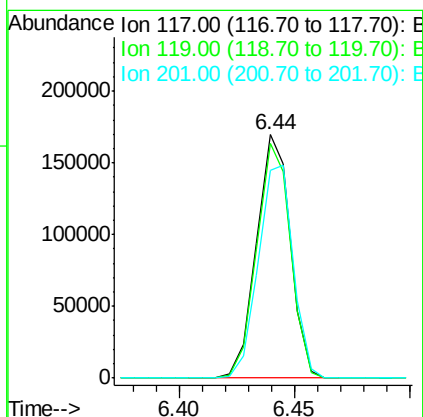
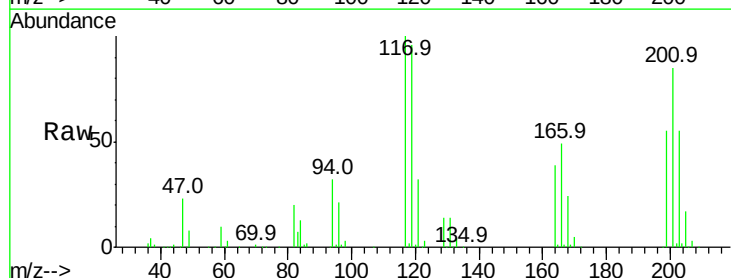
Manual Integrations
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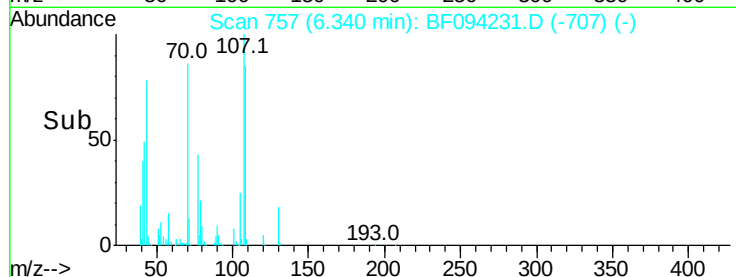
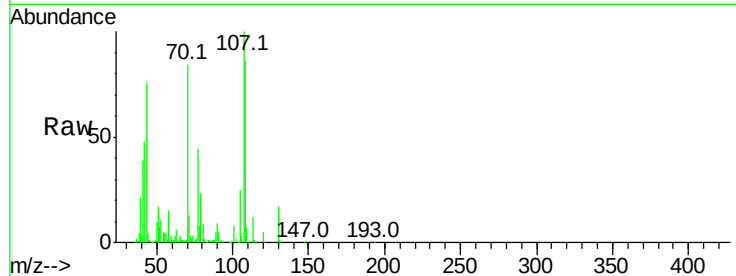
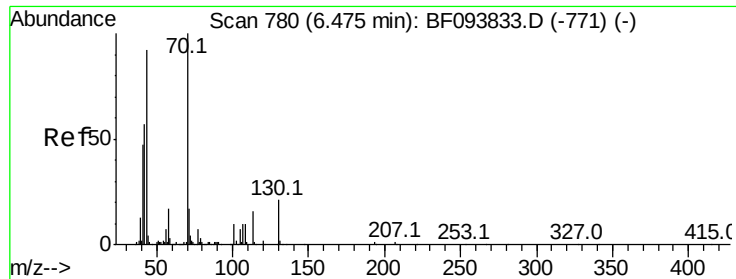
mohammad
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#18
Hexachloroethane
Concen: 40.20 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	85.1	94.6	141.8#	





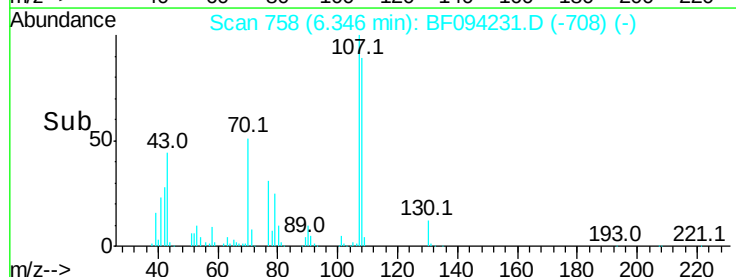
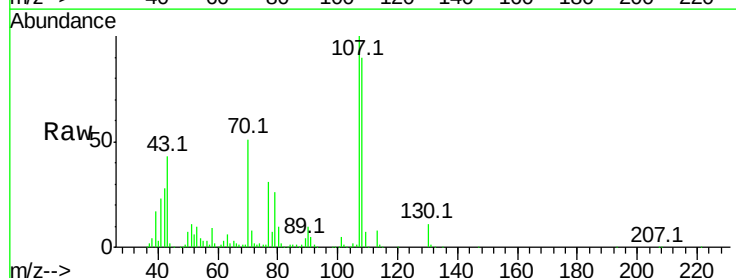
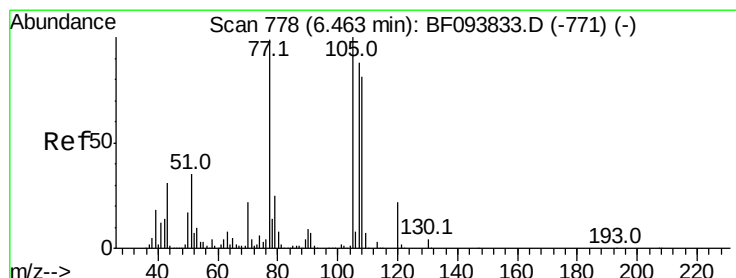
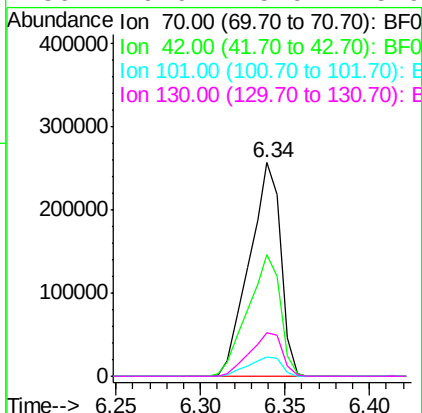
#19
n-Nitroso-di-n-propylamine
Concen: 42.48 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ion	Ratio	Lower	Upper
331874	70	100		
	42	57.2	47.2	70.8
	101	9.0	7.2	10.8
	130	20.6	15.9	23.9

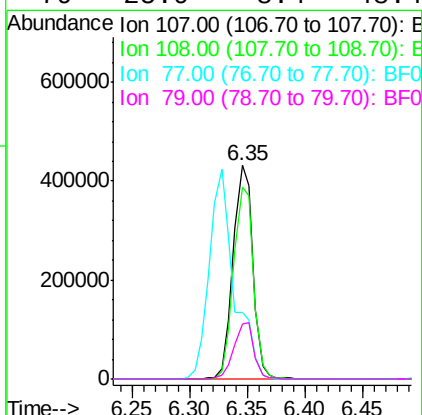
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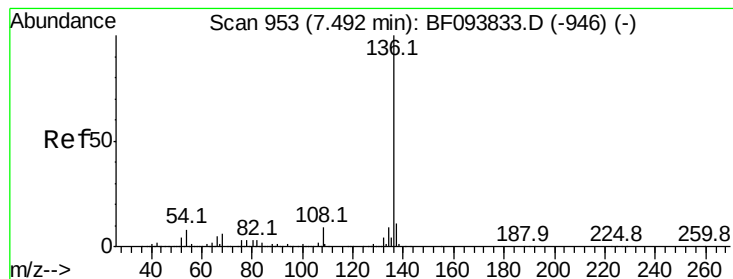
mohammad
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#20
3+4-Methylphenols
Concen: 46.06 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
515969	107	100		
	108	89.7	71.0	111.0
	77	31.1	90.5	130.5#
	79	25.9	8.4	48.4





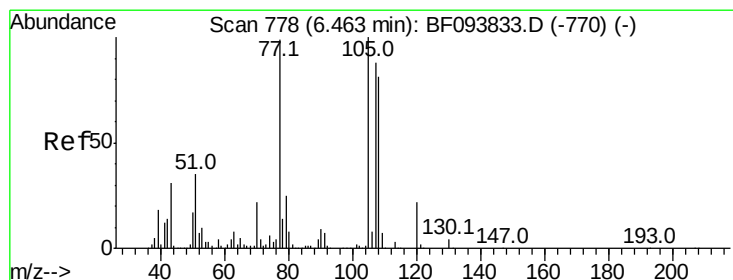
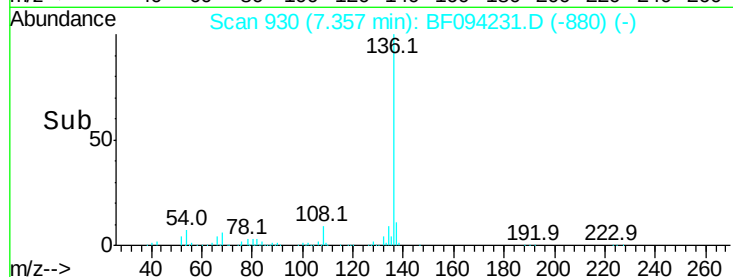
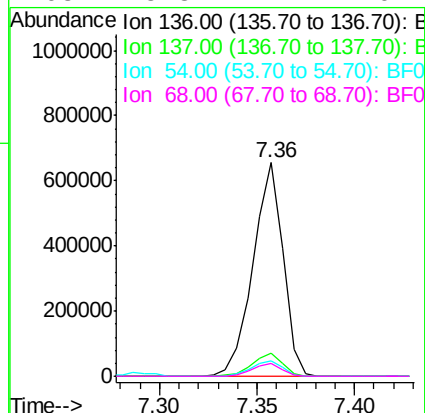
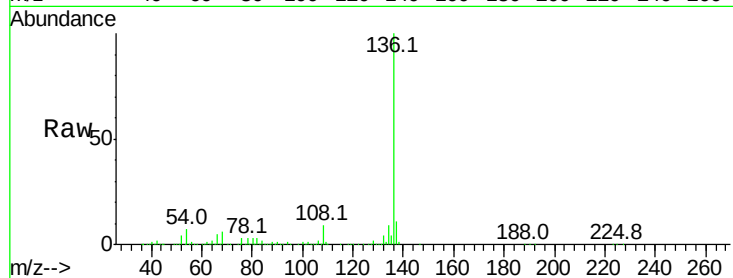
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	698214		
137	11.0		8.5	12.7
54	7.4		4.9	7.3#
68	5.8		4.1	6.1

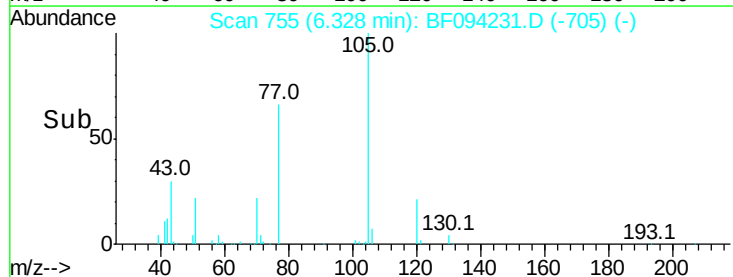
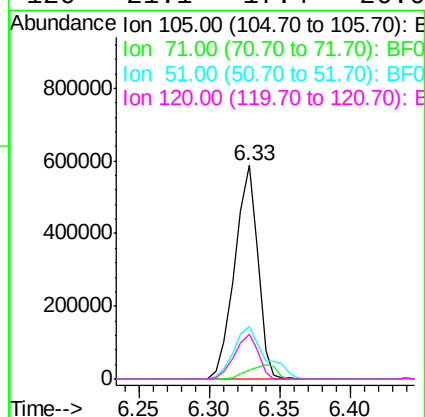
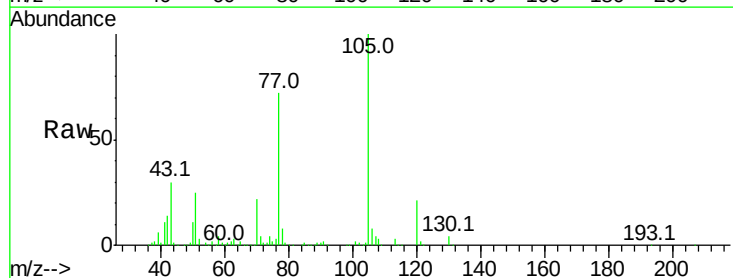
Manual Integrations
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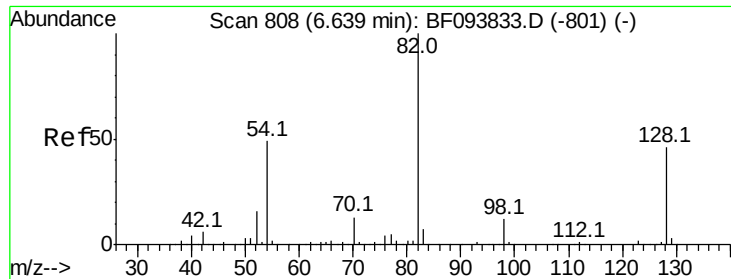
mohammad
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#22
Acetophenone
Concen: 43.09 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	670533		
71	3.9		2.8	4.2
51	24.8		30.7	46.1#
120	21.1		17.4	26.0





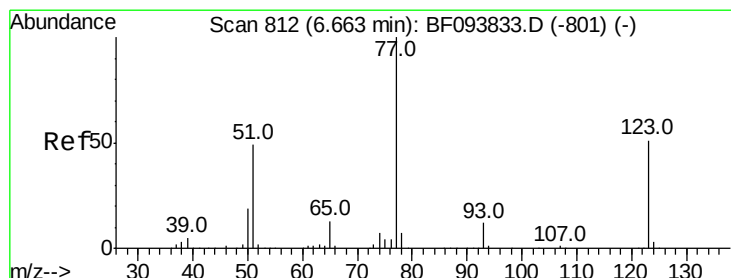
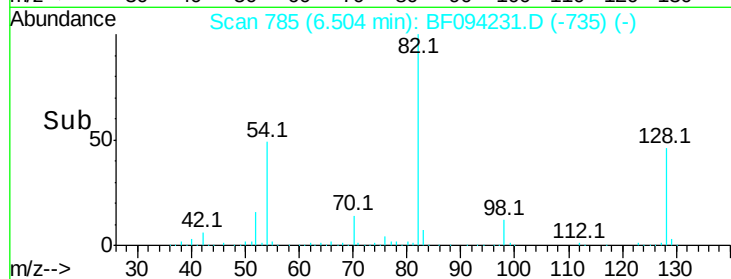
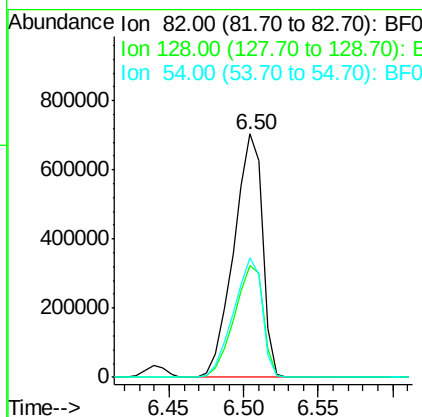
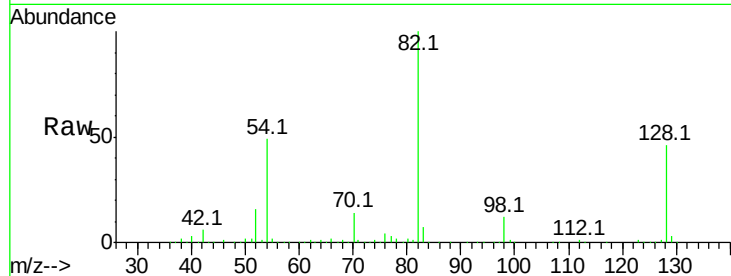
#23
 Nitrobenzene-d5
 Concen: 77.11 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.0	51.0	
54	49.2	42.2	63.2	

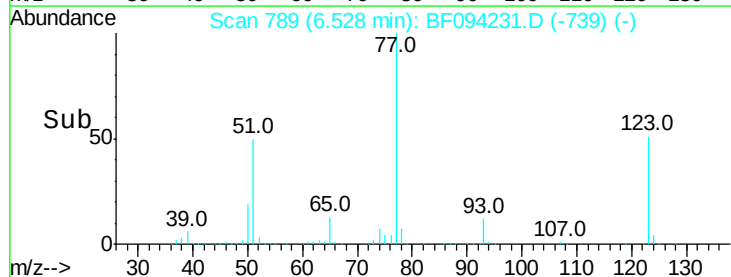
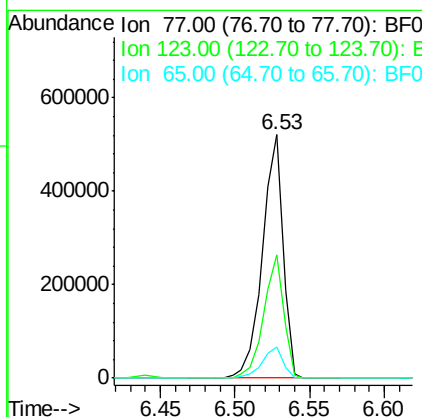
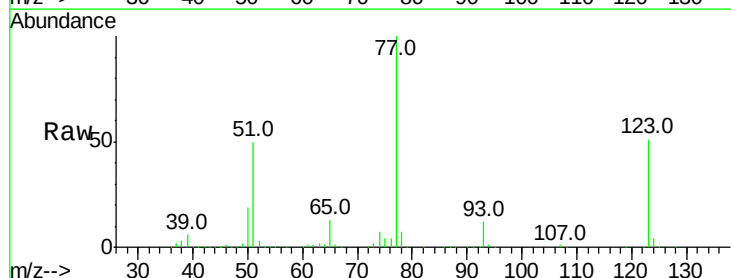
Manual Integrations
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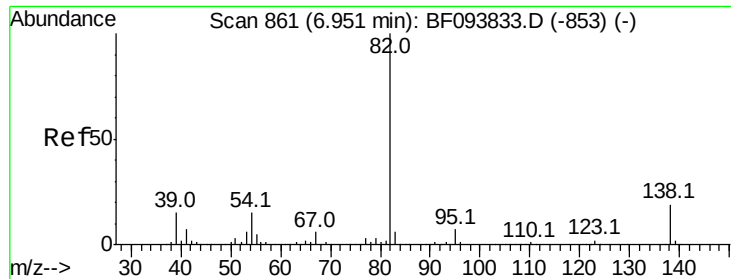
mohammad
 4/7/2017 5:20:51 PM



#24
 Nitrobenzene
 Concen: 40.83 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.8	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 41.13 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

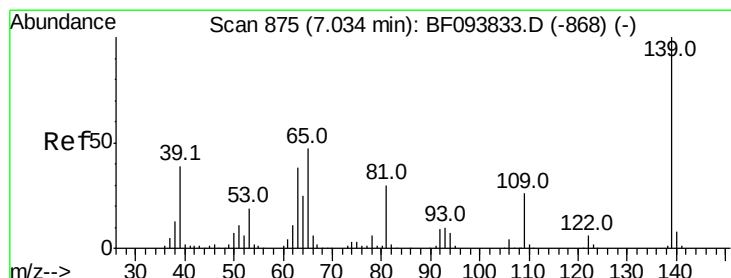
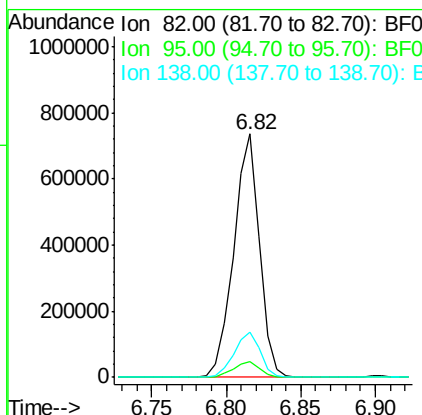
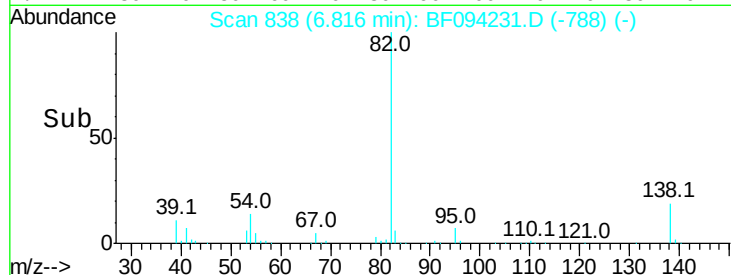
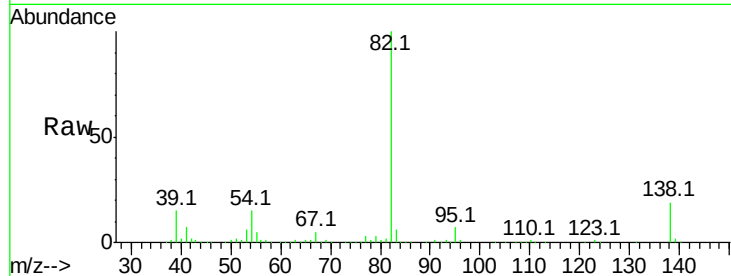
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	82	Resp:	884280
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.07 ng

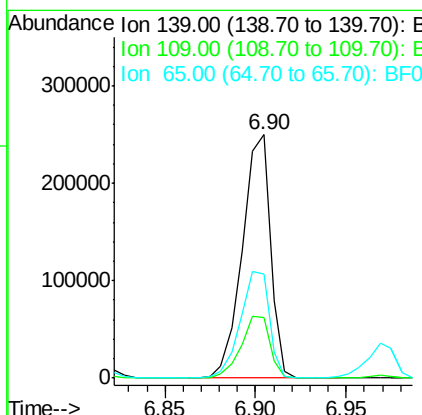
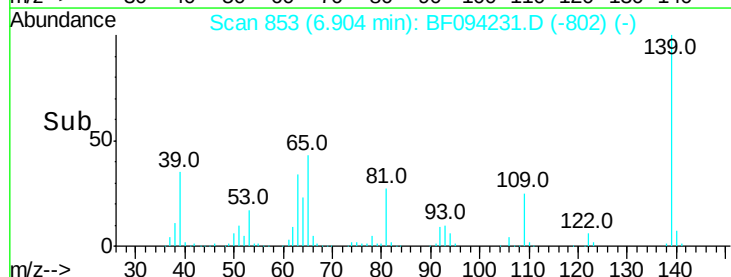
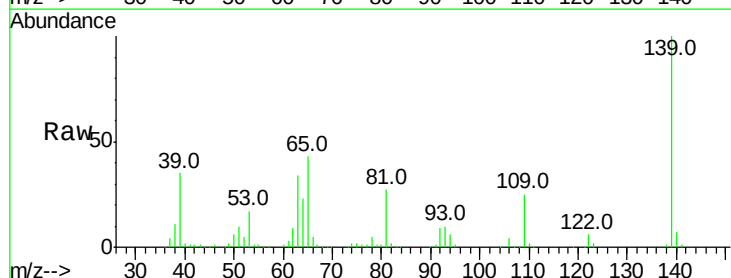
RT: 6.90 min Scan# 853

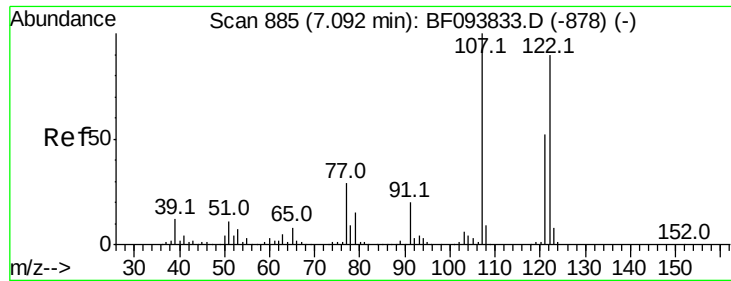
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	139	Resp:	270886
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	42.8	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 44.18 ng

RT: 6.97 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

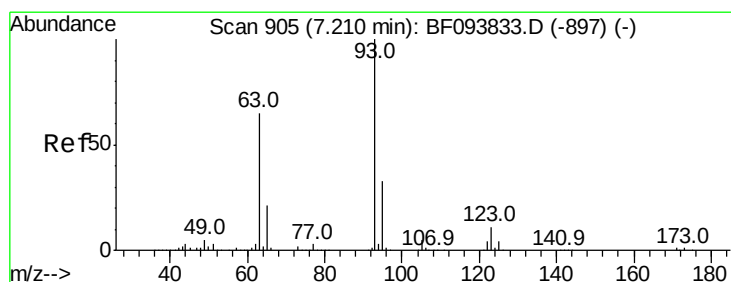
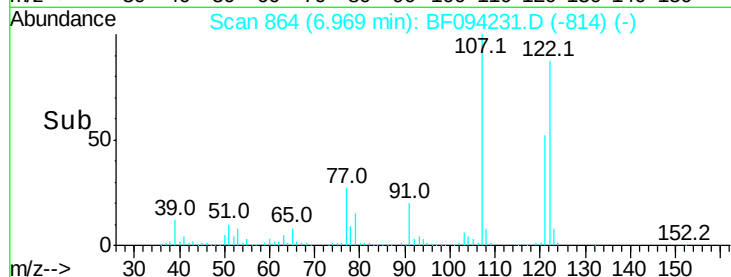
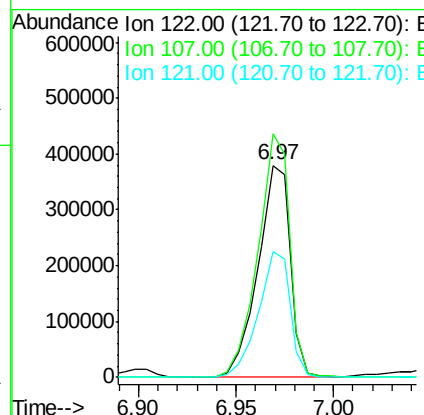
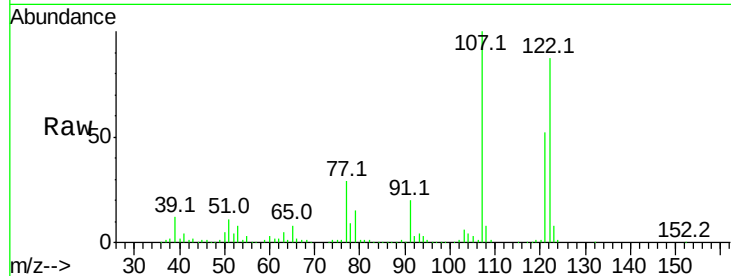
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	122	Resp:	438015
Ion Ratio	Lower	Upper	
122	100		
107	114.8	89.2	133.8
121	59.6	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 40.78 ng

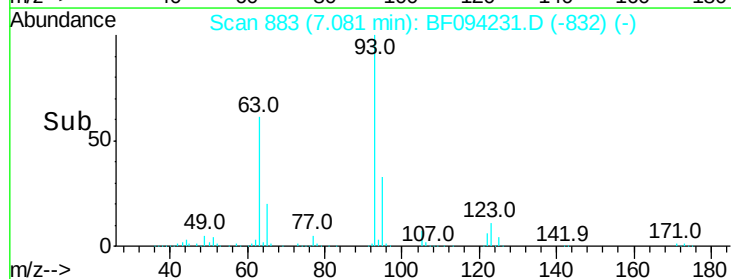
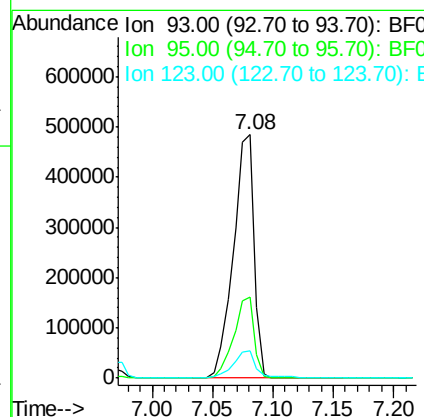
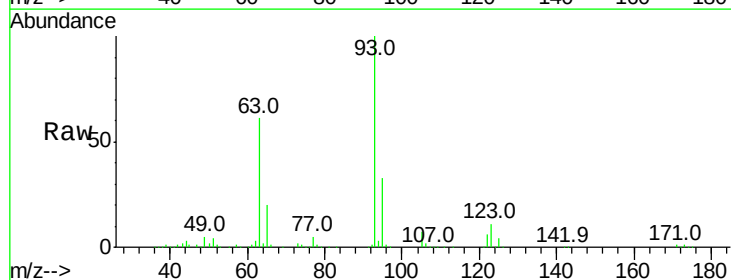
RT: 7.08 min Scan# 883

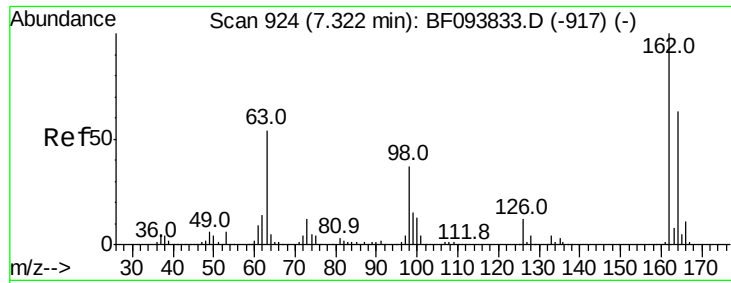
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	93	Resp:	578197
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	11.3	9.0	13.4





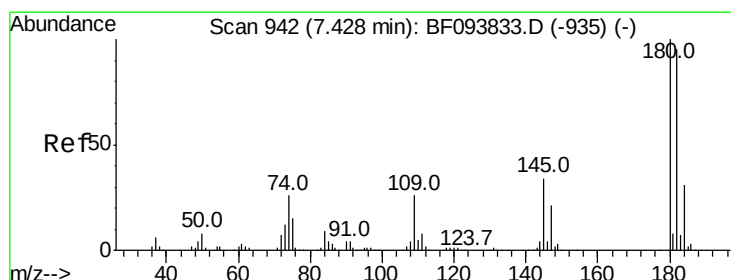
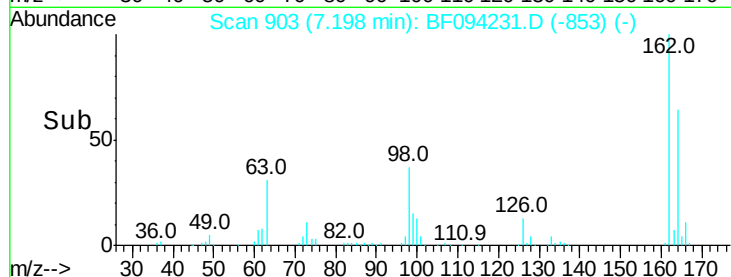
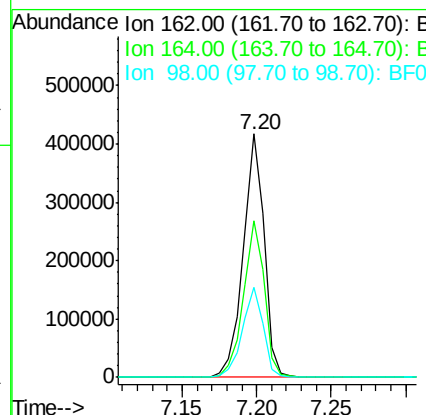
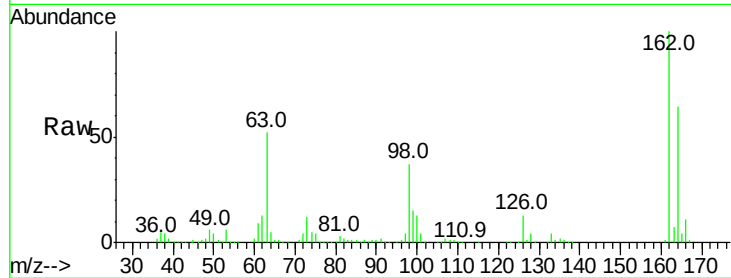
#29
 2,4-Dichlorophenol
 Concen: 44.22 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion:	162	Resp:	409948
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.6	84.6
98	37.1	14.8	54.8

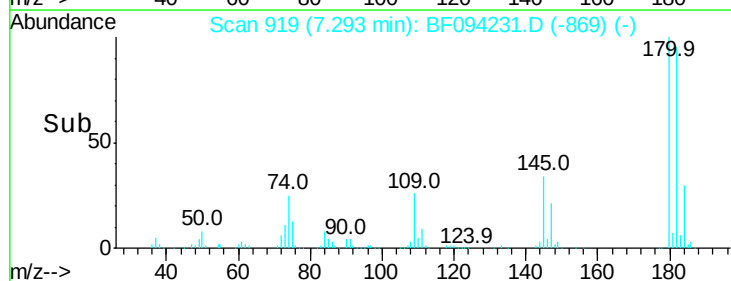
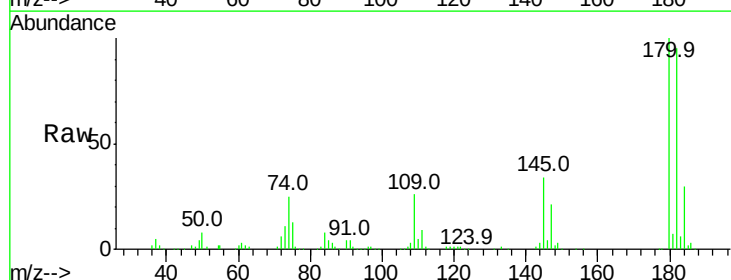
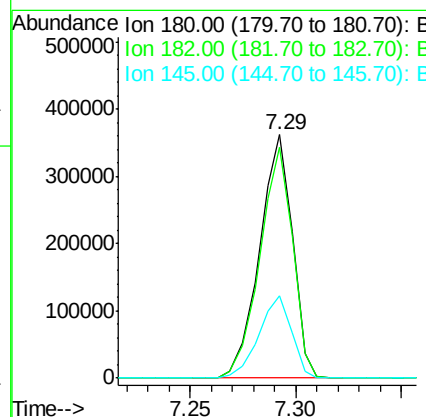
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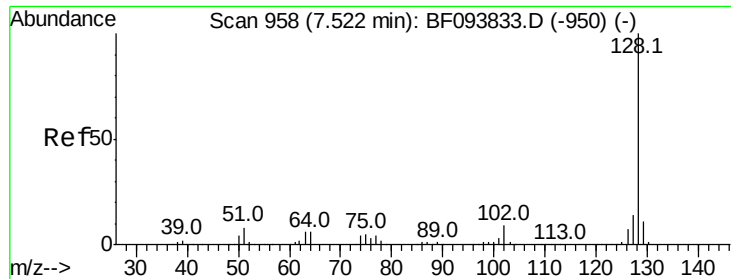
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.05 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion:	180	Resp:	391995
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	33.7	25.3	37.9





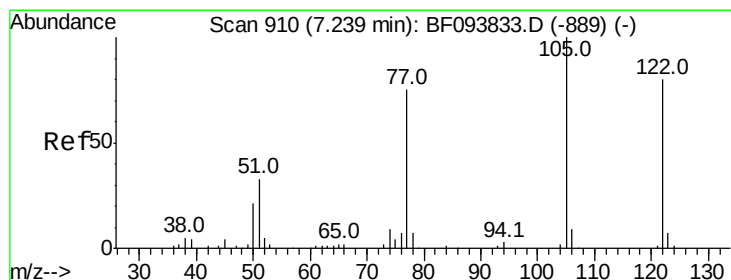
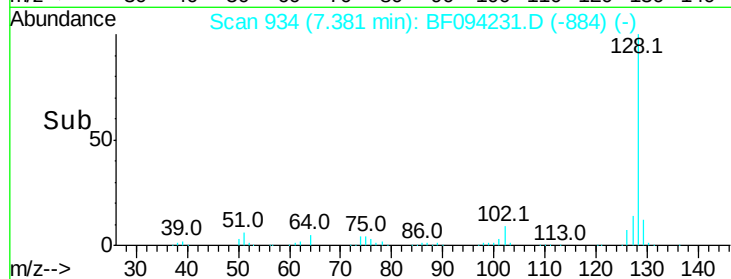
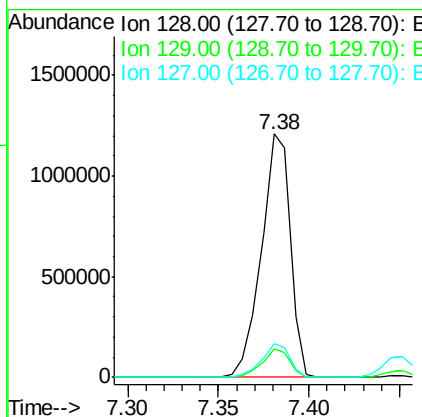
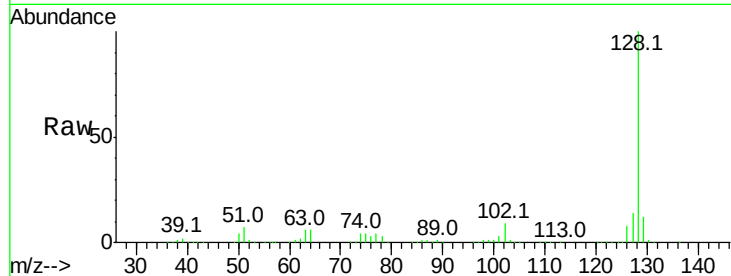
#31
Naphthalene
Concen: 39.97 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion:128 Resp: 1341763
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.8 16.2

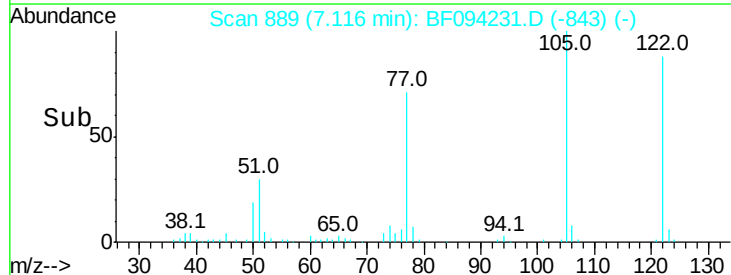
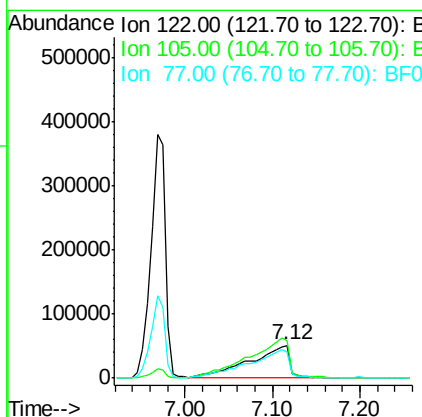
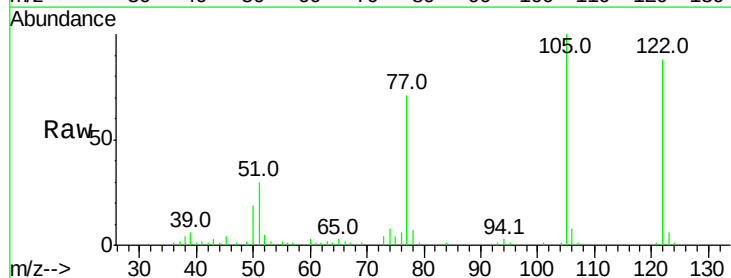
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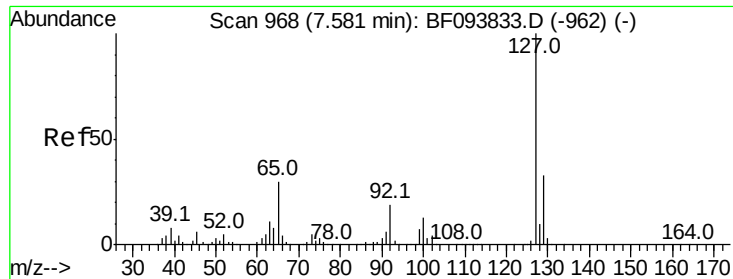
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#32
Benzoic acid
Concen: 23.96 ng
RT: 7.12 min Scan# 889
Delta R.T. -0.03 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion:122 Resp: 158172
Ion Ratio Lower Upper
122 100
105 113.2 103.3 143.3
77 80.8 73.7 113.7





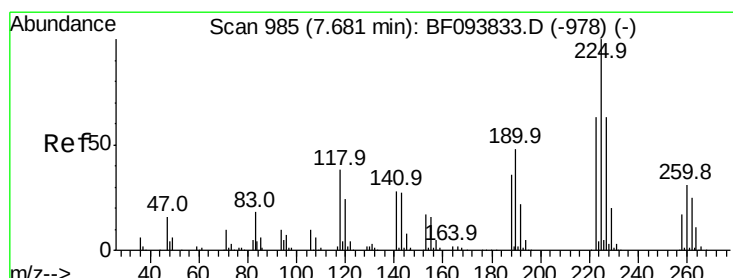
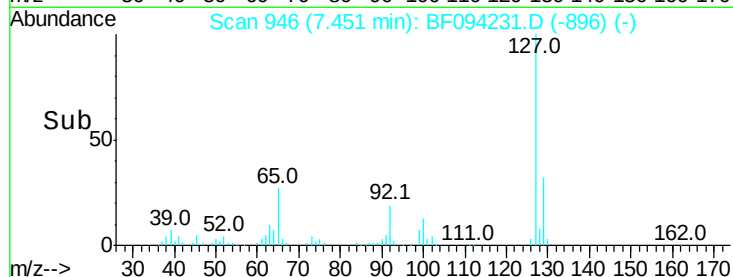
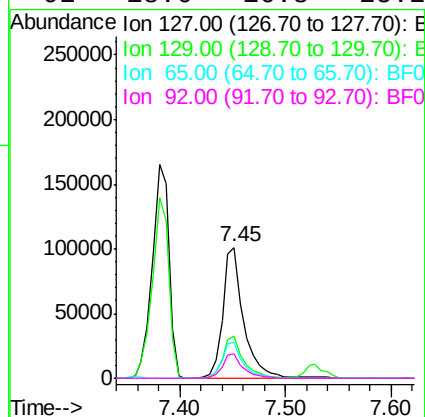
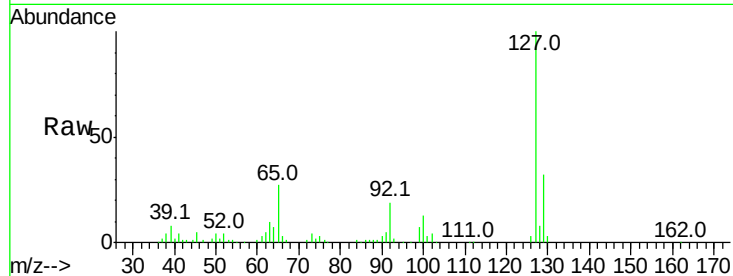
#33
4-Chloroaniline
Concen: 10.26 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	26.2	39.2
65	27.0	27.8	41.8
92	18.6	16.8	25.2

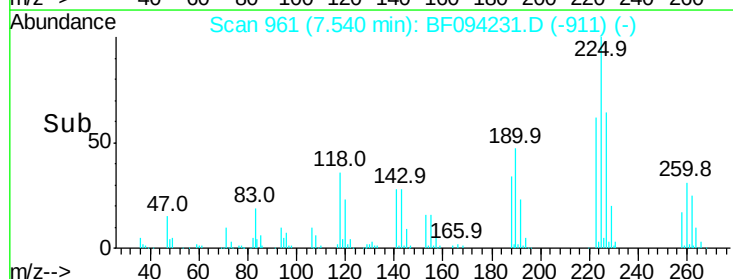
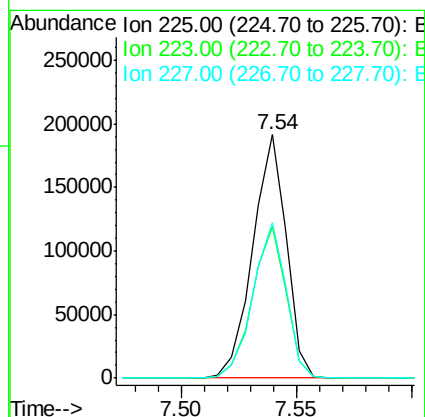
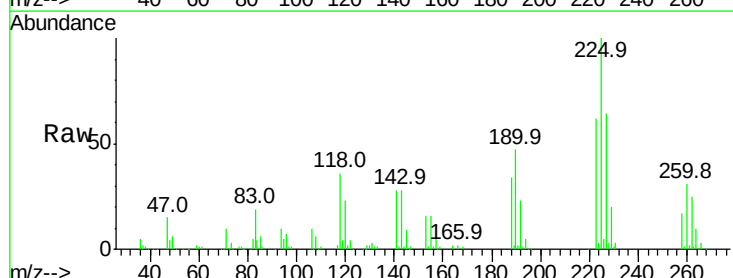
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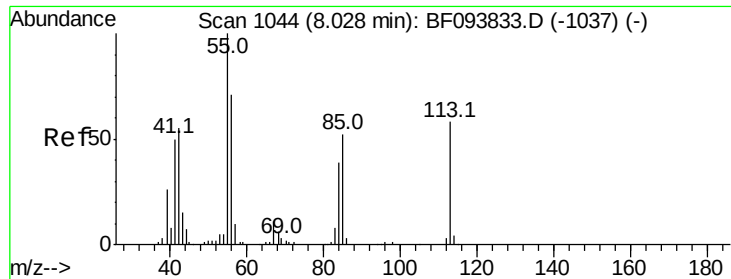
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#34
Hexachlorobutadiene
Concen: 39.55 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.0	48.8	73.2
227	63.7	51.1	76.7





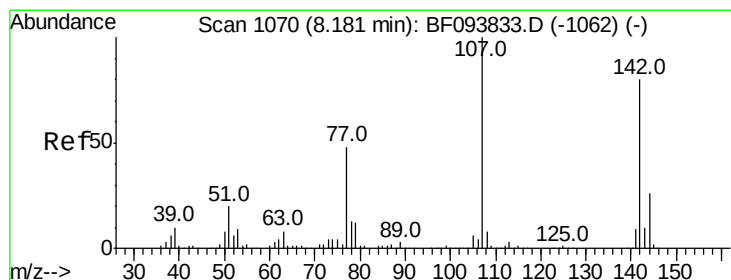
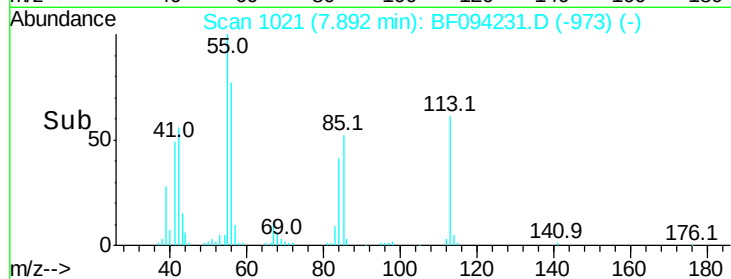
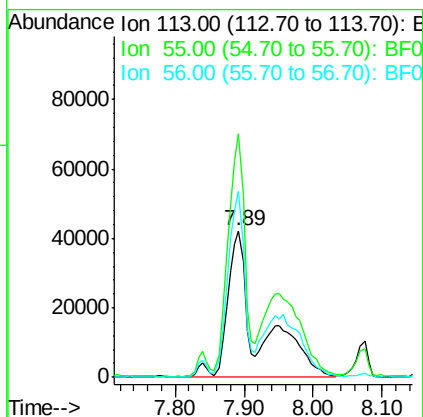
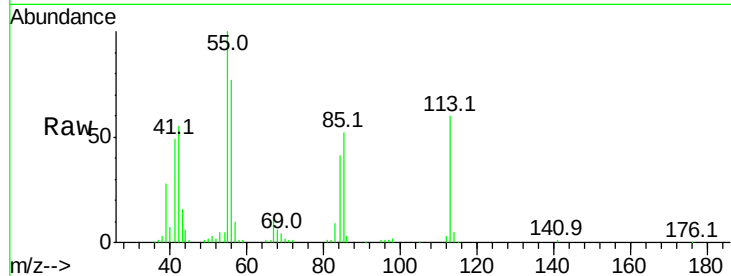
#35
 Caprolactam
 Concen: 44.58 ng/ml
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleID :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.7	150.2	190.2
56	126.9	107.8	147.8

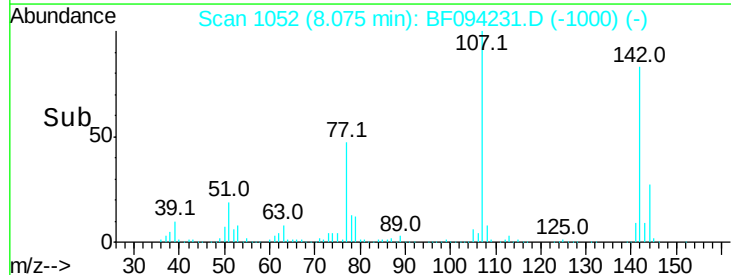
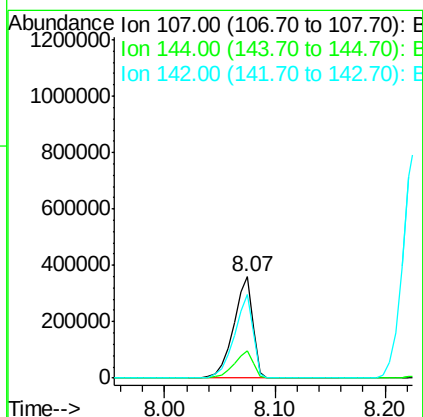
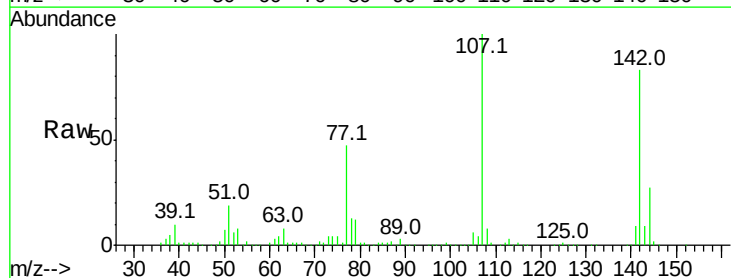
Manual Integrations
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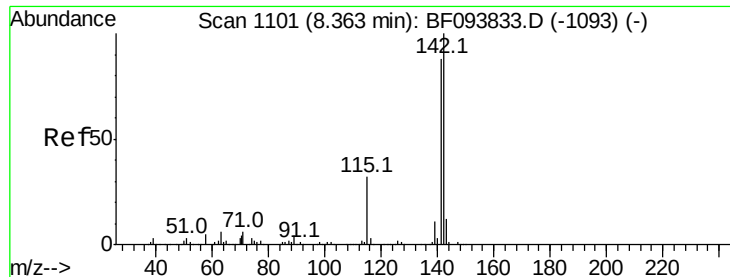
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#36
 4-Chloro-3-methylphenol
 Concen: 45.35 ng/ml
 RT: 8.07 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	24.2	36.4
142	82.8	73.4	110.0





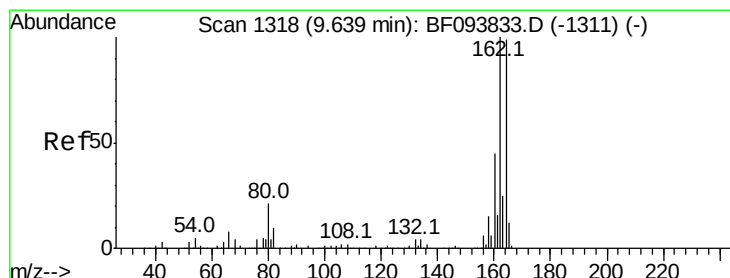
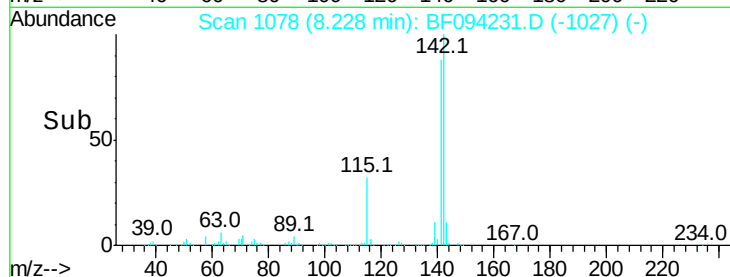
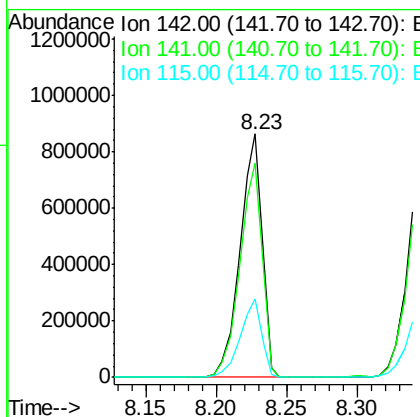
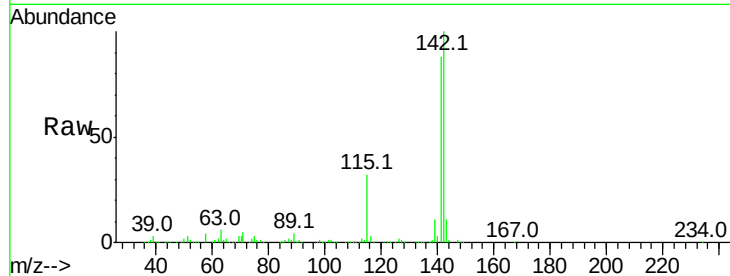
#37
 2-Methylnaphthalene
 Concen: 41.87 ng
 RT: 8.23 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	32.2	27.1	40.7

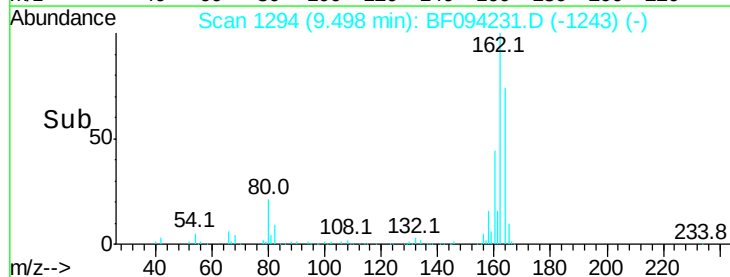
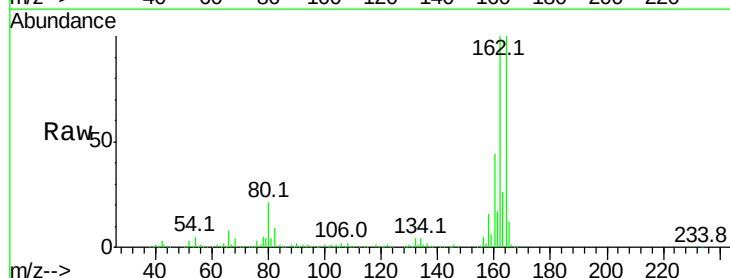
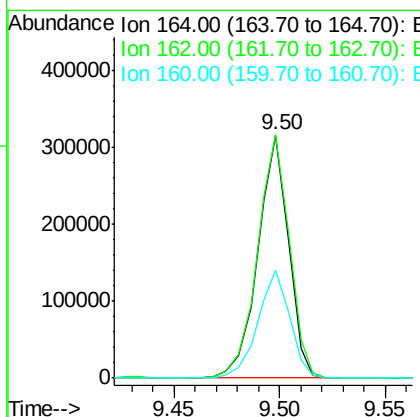
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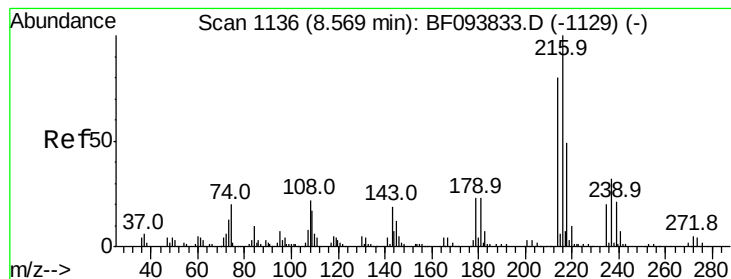
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	44.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.57 ng

RT: 8.43 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

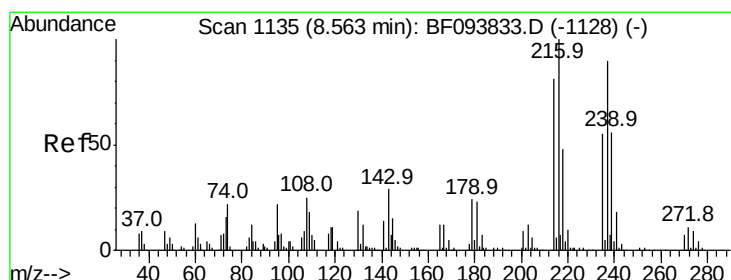
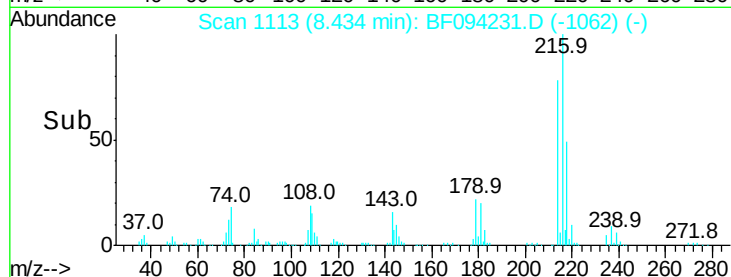
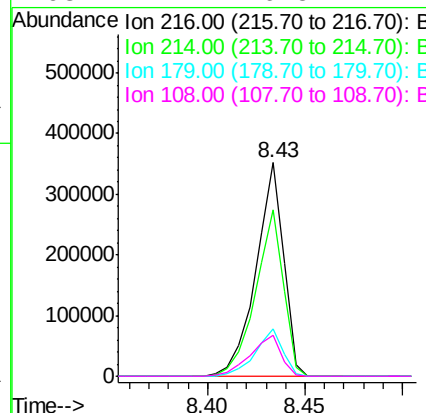
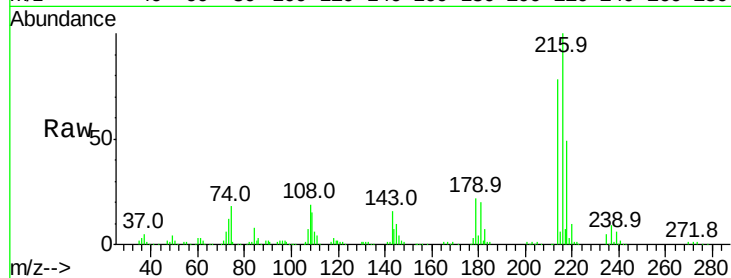
ClientSampleId :

B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	345520		
214	78.7	63.4	95.2	
179	22.2	17.9	26.9	
108	21.4	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 60.24 ng

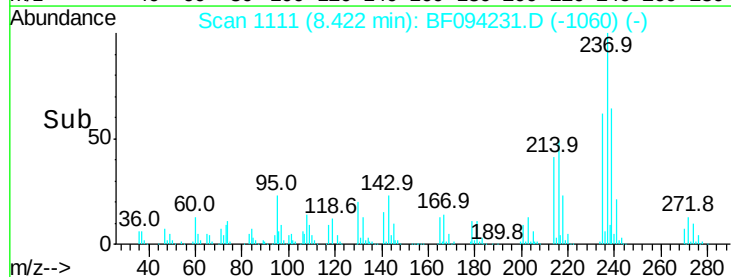
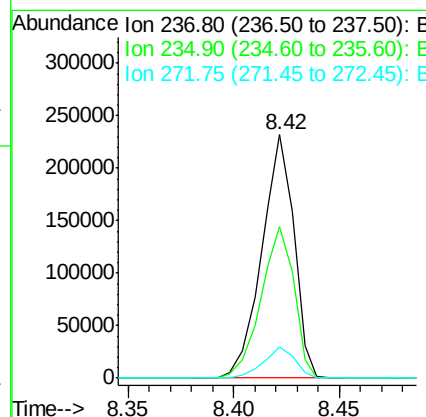
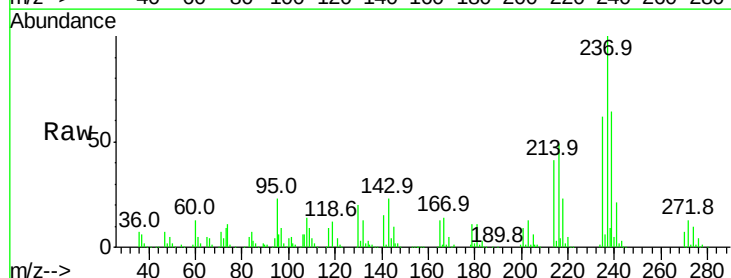
RT: 8.42 min Scan# 1111

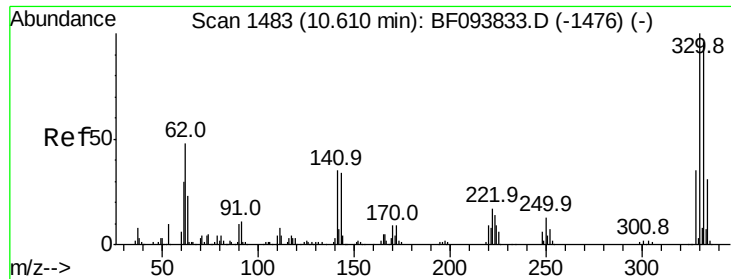
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	246099		
235	62.4	42.6	82.6	
272	13.0	0.0	31.9	





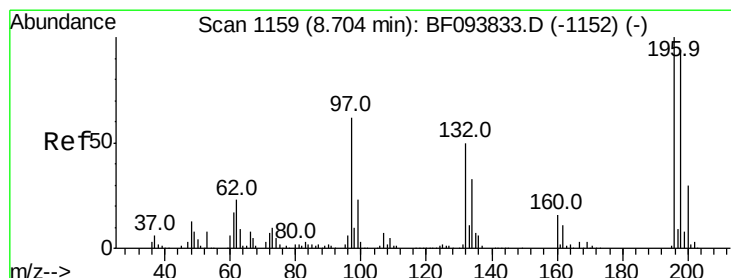
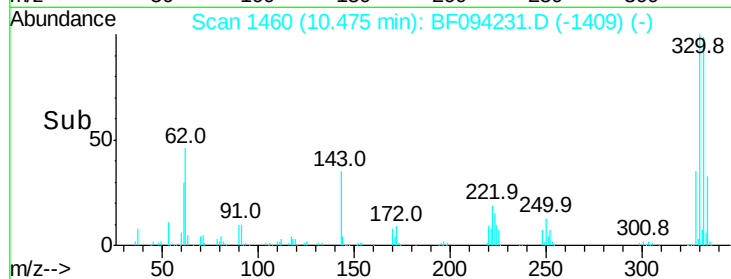
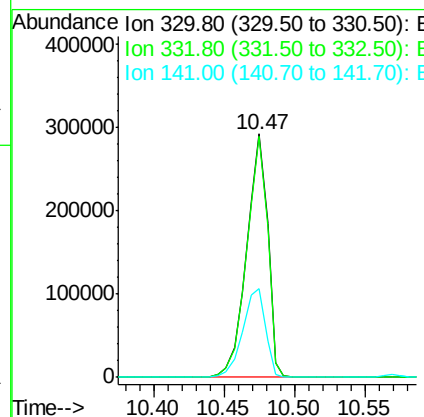
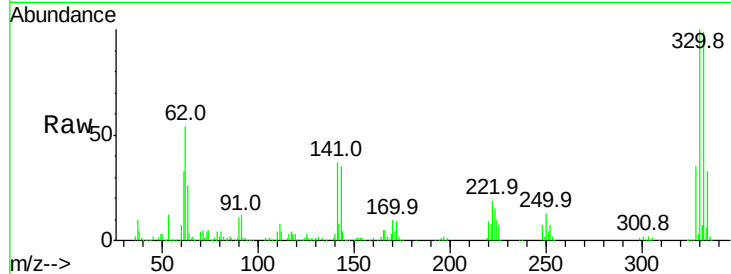
#41
 2,4,6-Tribromophenol
 Concen: 120.96 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.1	76.6	115.0	
141	39.3	31.4	47.2	

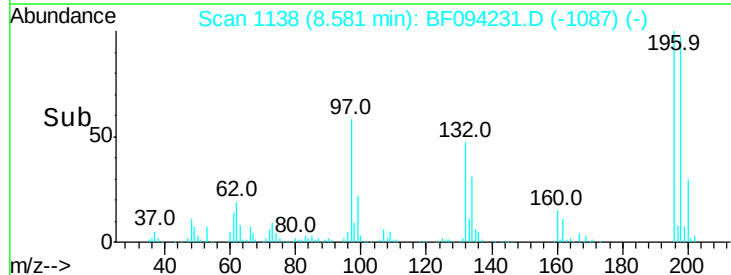
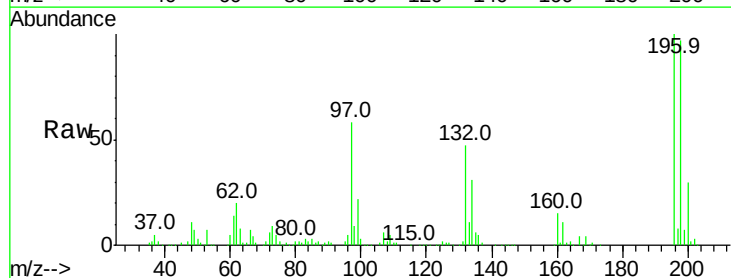
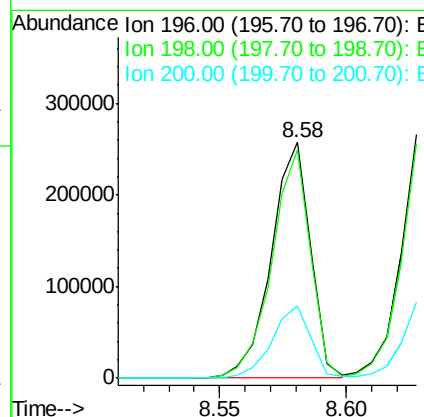
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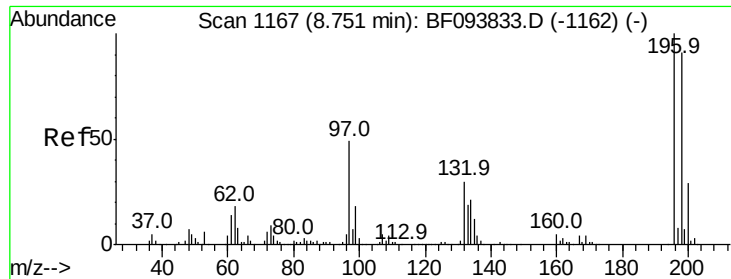
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#42
 2,4,6-Trichlorophenol
 Concen: 44.53 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.8	74.2	111.4	
200	30.3	24.0	36.0	





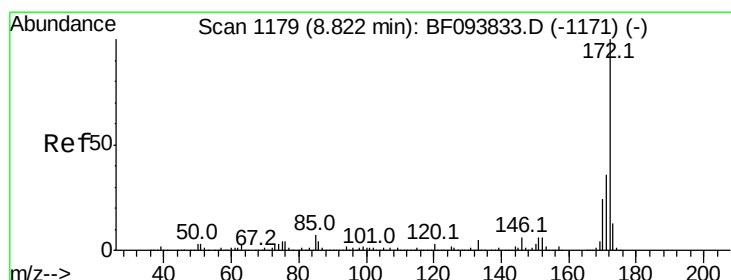
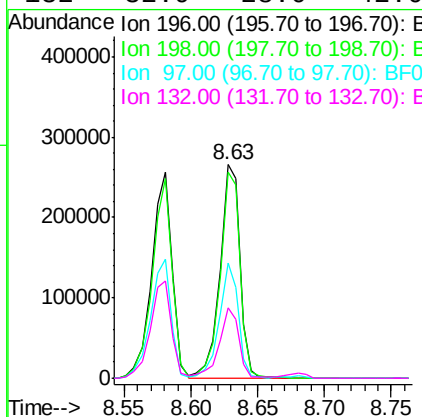
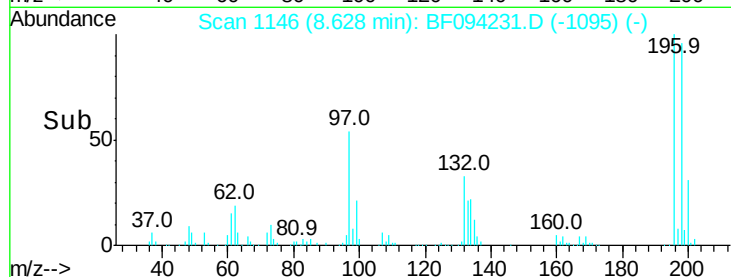
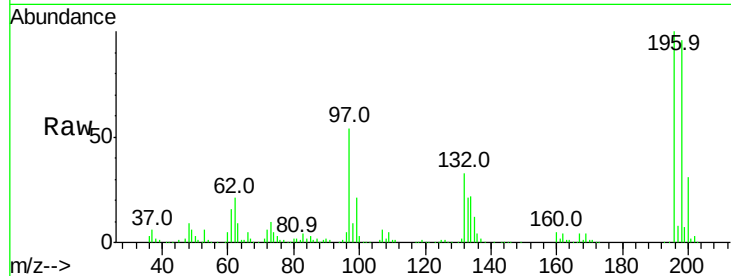
#43
 2,4,5-Trichlorophenol
 Concen: 42.42 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	196	Resp	283525
Ion Ratio	Lower	Upper	
196	100		
198	96.4	75.7	113.5
97	53.7	47.7	71.5
132	32.9	28.0	42.0

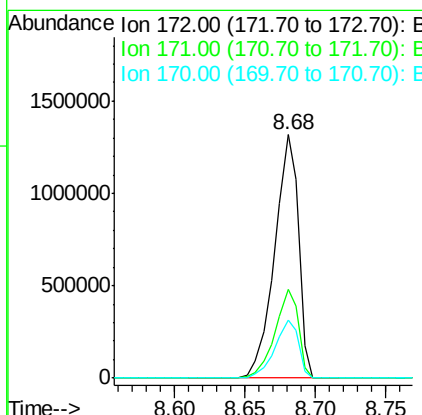
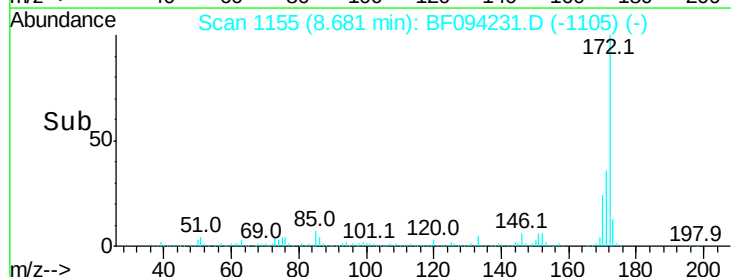
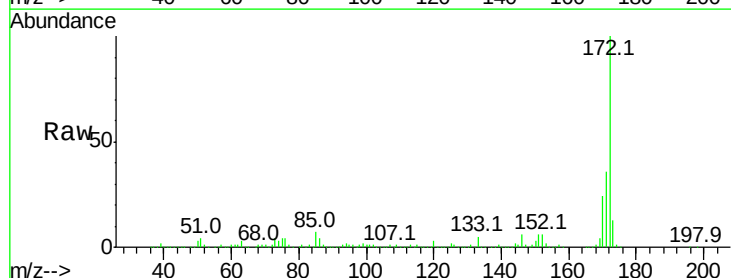
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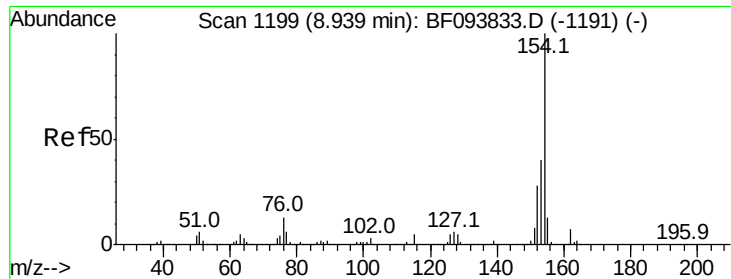
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 74.48 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	172	Resp	1558556
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.30 ng

RT: 8.80 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MSD

Tot Ion:154 Resp: 1037436

Ion Ratio Lower Upper

154 100

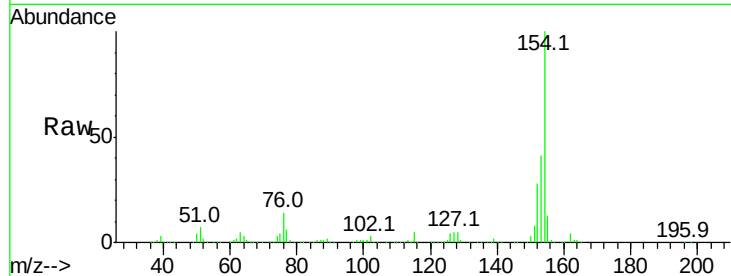
153 40.6 21.2 61.2

76 13.7 0.0 29.9

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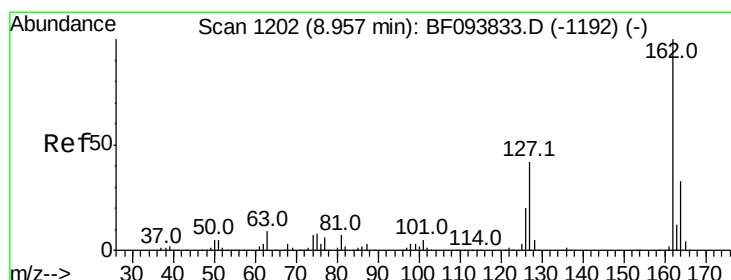
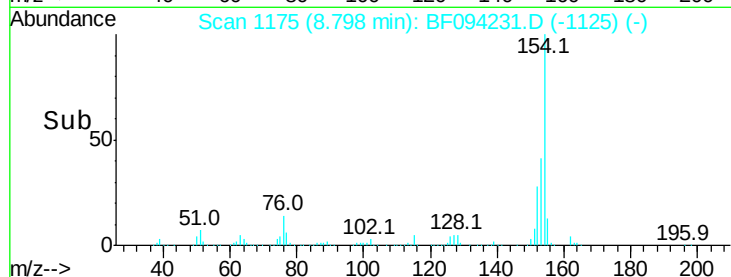
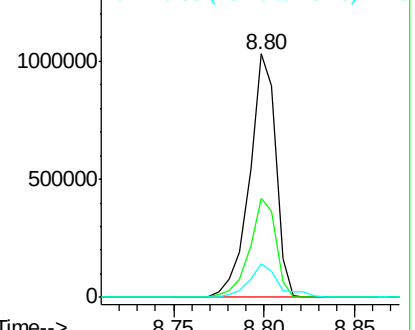
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.94 ng

RT: 8.82 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

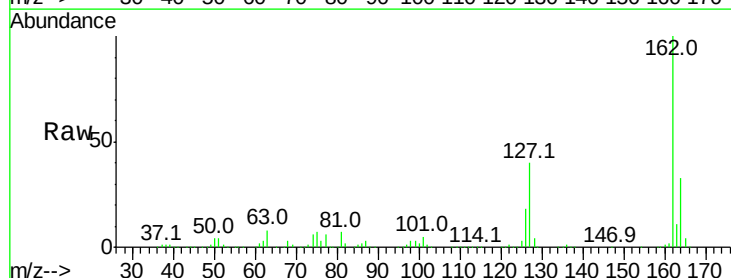
Tgt Ion:162 Resp: 825053

Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

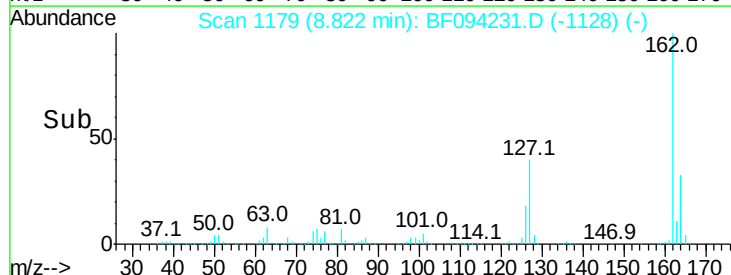
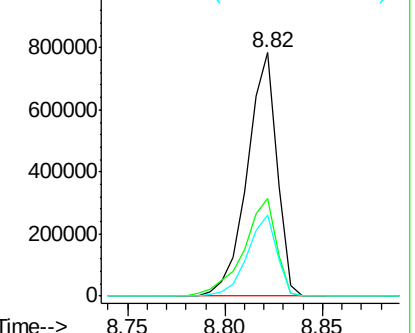
164 33.4 27.0 40.4

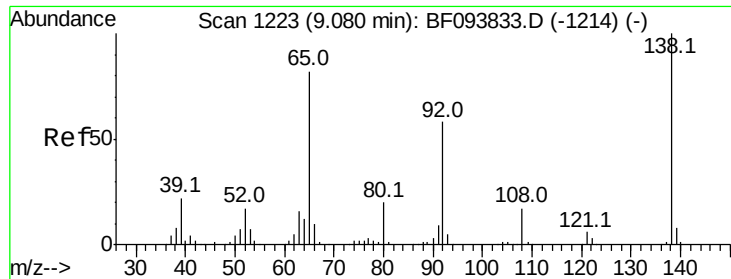


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





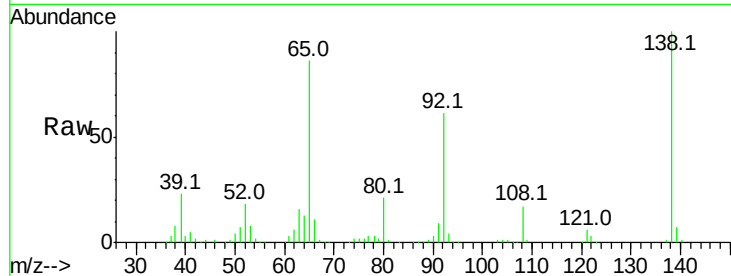
#47
2-Nitroaniline
Concen: 42.95 ng
RT: 8.95 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

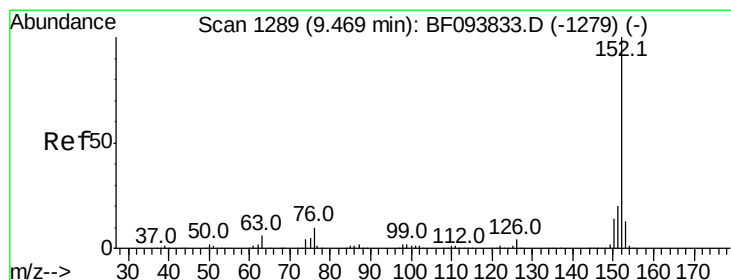
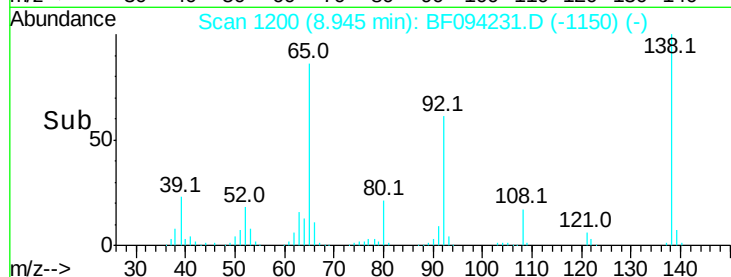
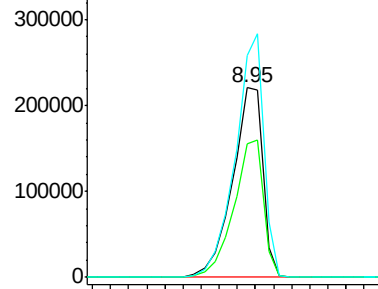
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.9	80.9
138	116.9	78.8	118.2

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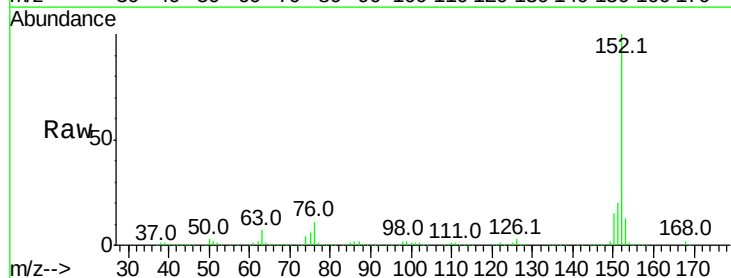


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

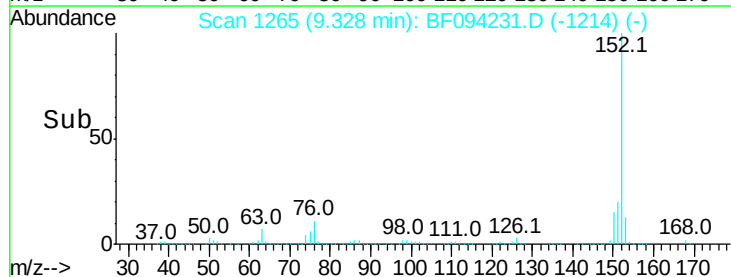
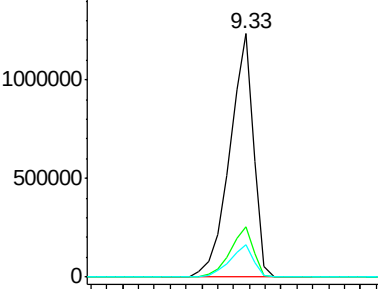


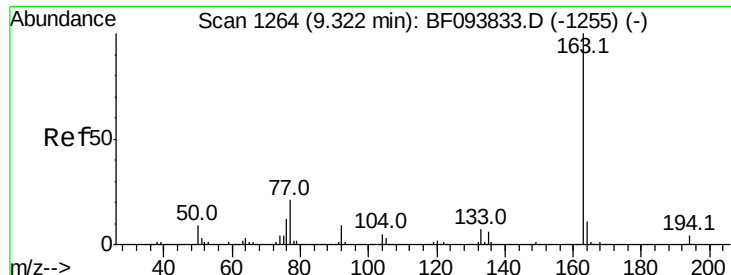
#48
Acenaphthylene
Concen: 38.64 ng
RT: 9.33 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.4	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





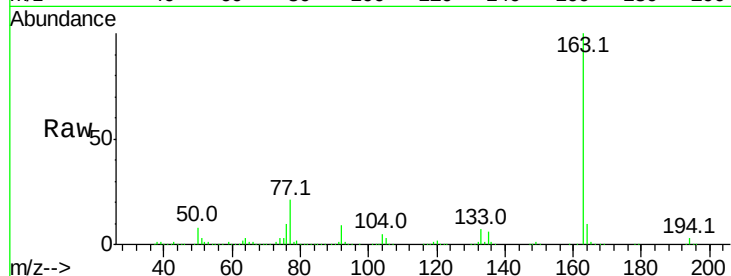
#49
Dimethylphthalate
Concen: 52.38 ng
RT: 9.19 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

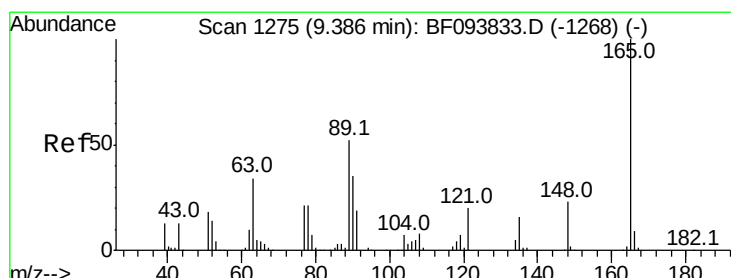
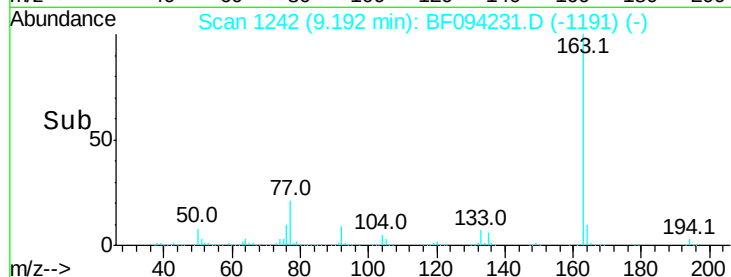
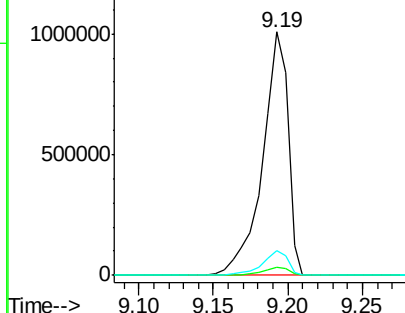
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6

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4/7/2017 5:20:51 PM

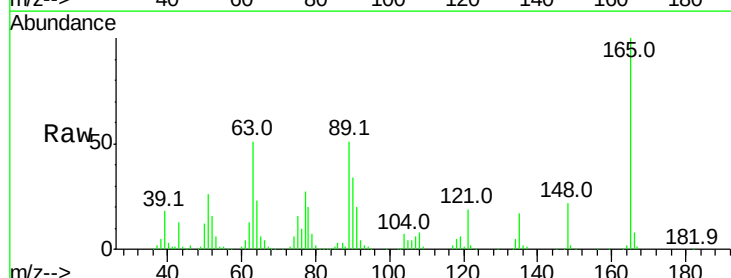


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

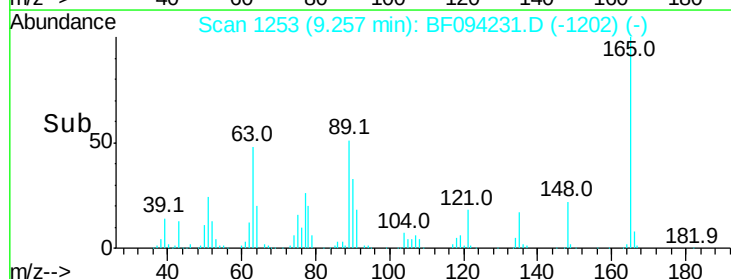
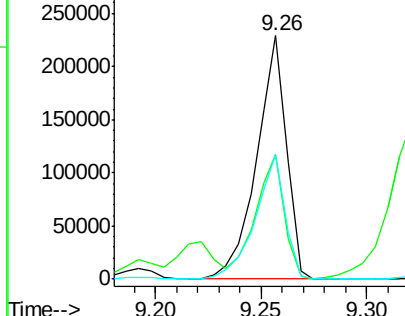


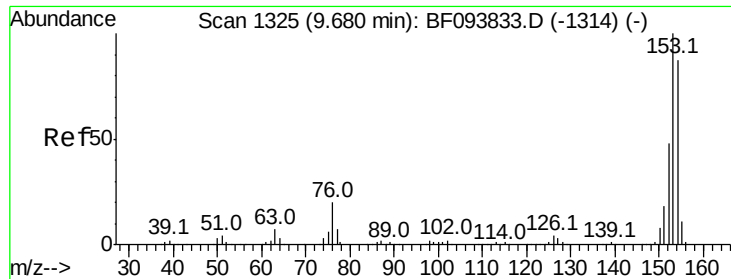
#50
2,6-Dinitrotoluene
Concen: 43.16 ng
RT: 9.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	34.3	51.5
89	51.0	37.1	55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





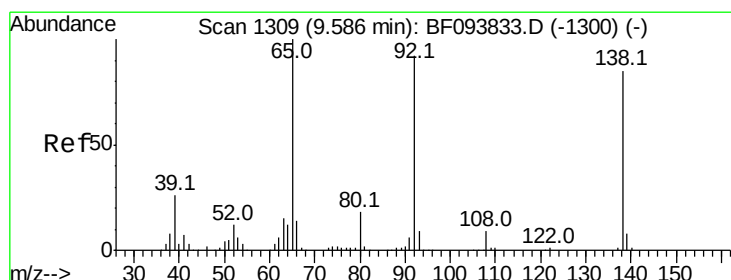
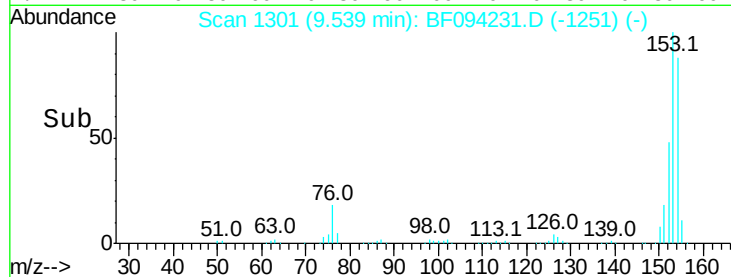
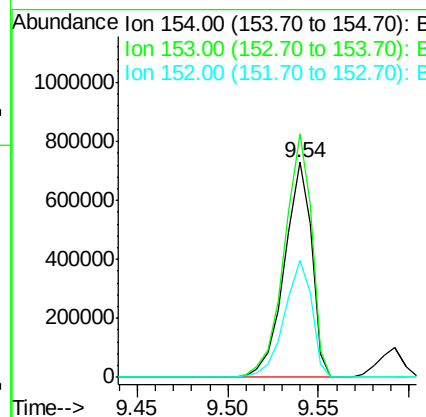
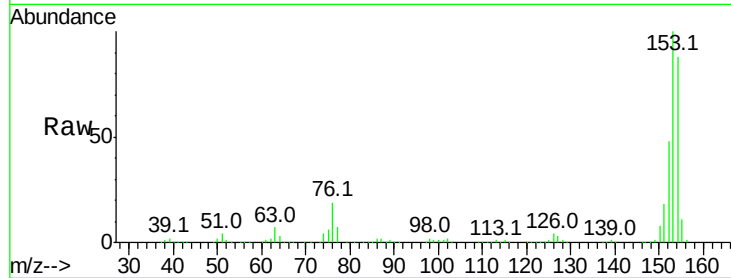
#51
Acenaphthene
Concen: 39.34 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampled :
B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	54.3	43.6	65.4

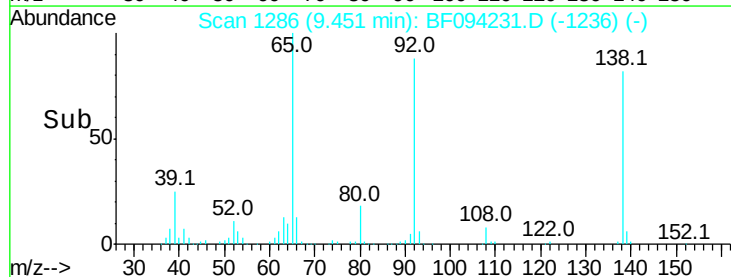
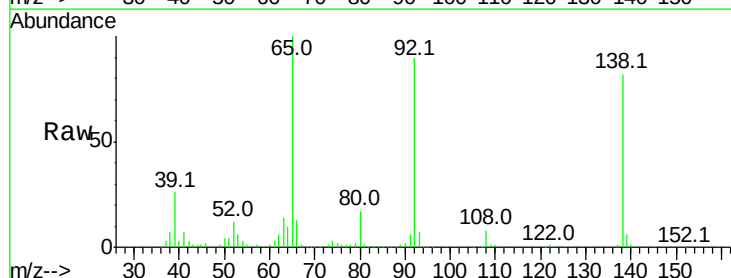
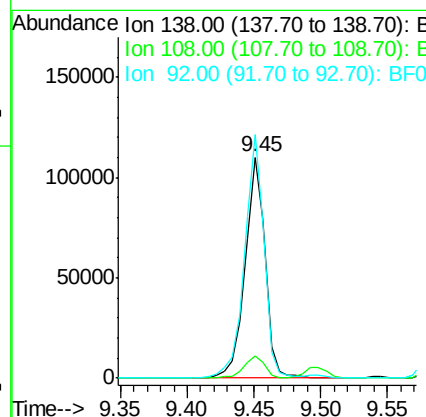
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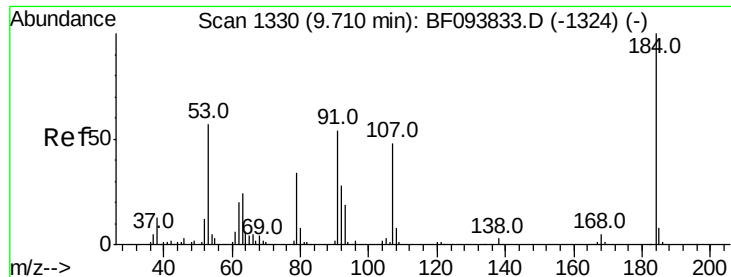
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#52
3-Nitroaniline
Concen: 18.77 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	110.2	93.8	140.6





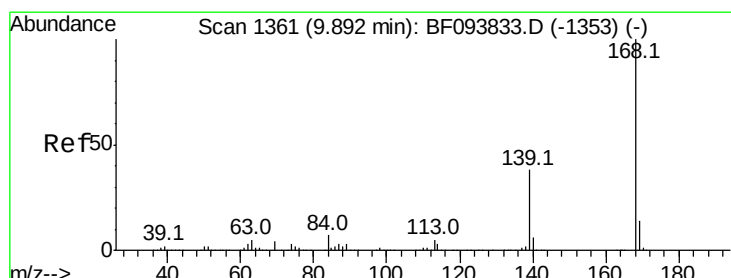
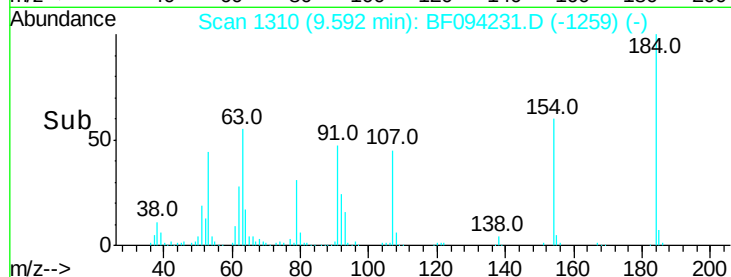
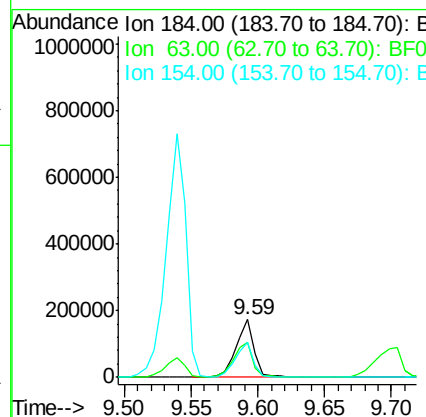
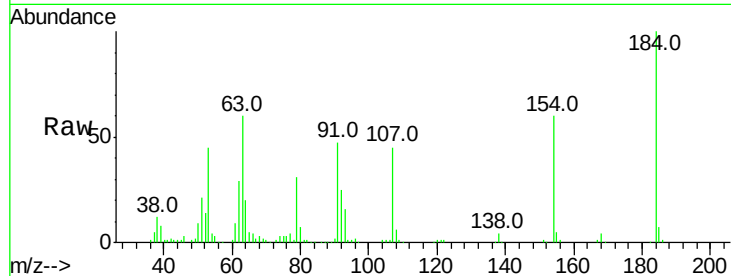
#53
 2,4-Dinitrophenol
 Concen: 61.49 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.3	62.7	94.1#
154	60.0	81.1	121.7#

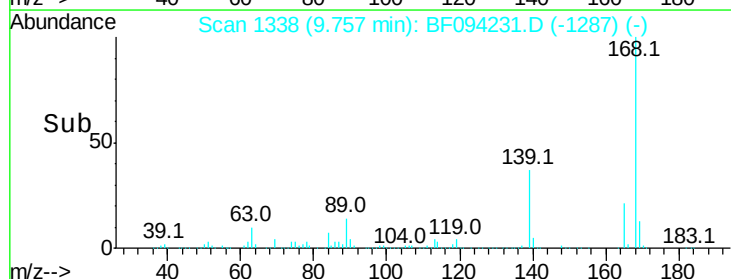
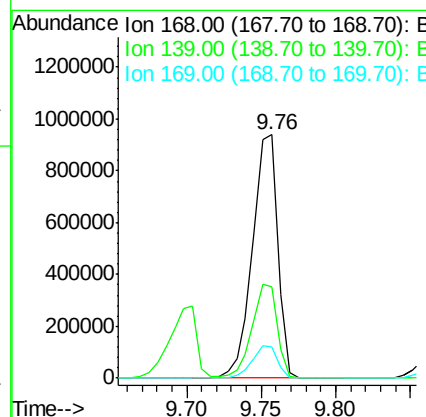
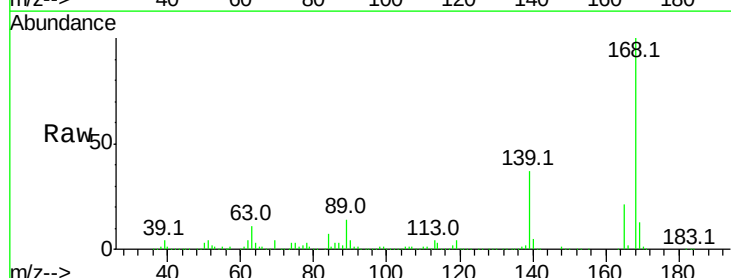
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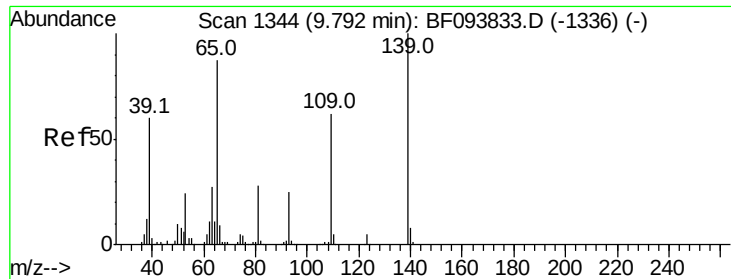
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#54
 Dibenzofuran
 Concen: 41.19 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.6	45.8
169	13.0	10.8	16.2





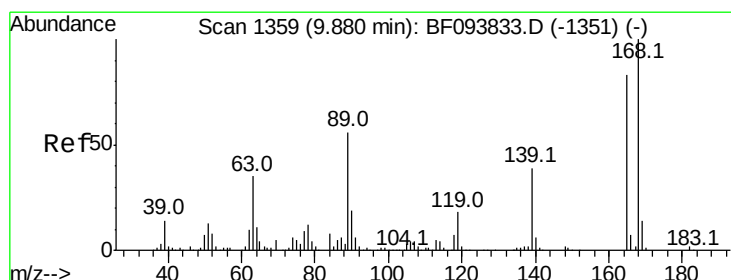
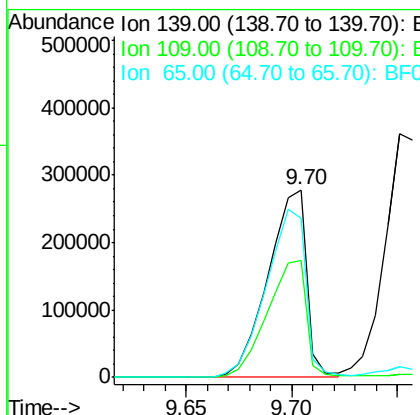
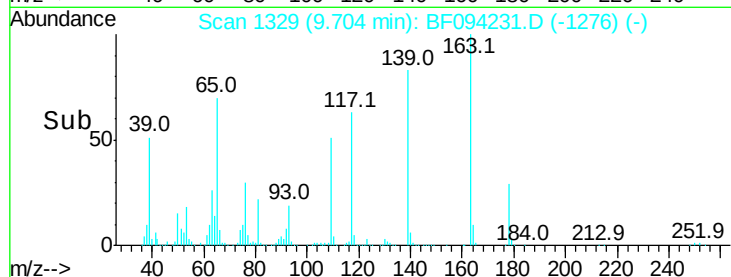
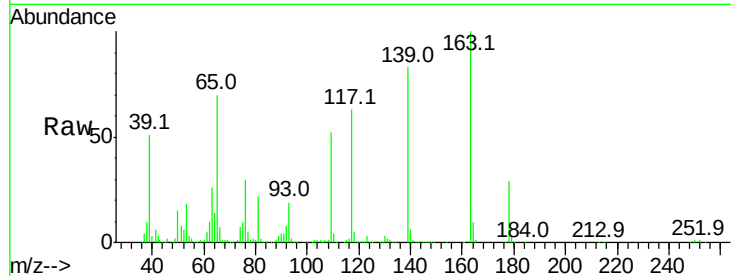
#55
4-Nitrophenol
Concen: 74.07 ng
RT: 9.70 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.0	34.1	74.1	
65	84.4	31.4	71.4	

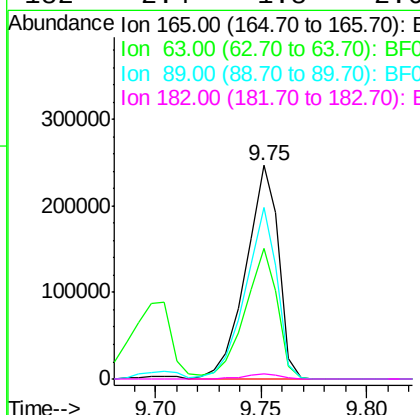
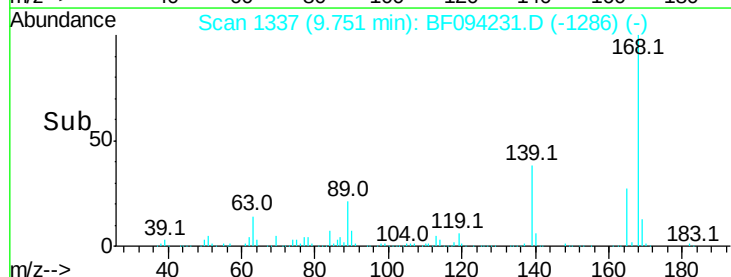
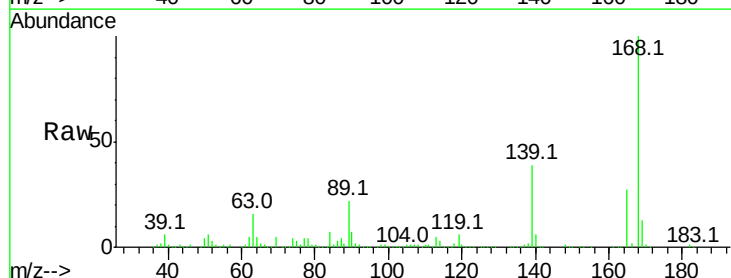
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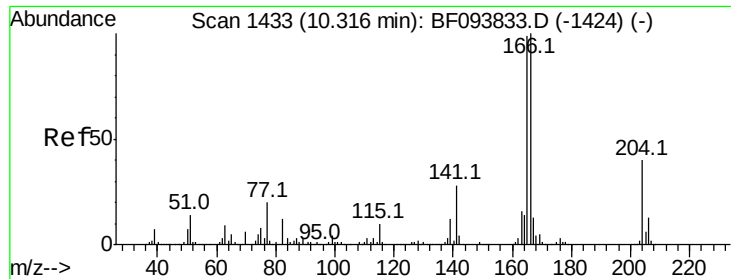
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#56
2,4-Dinitrotoluene
Concen: 40.58 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.9	25.4	38.0	
89	80.4	46.4	69.6	
182	2.4	1.8	2.6	





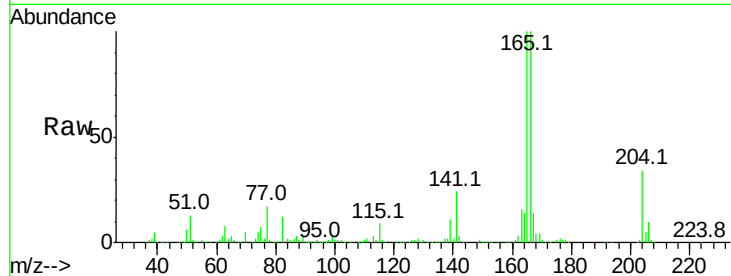
#57
 Fluorene
 Concen: 38.42 ng
 RT: 10.17 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	78.8	118.2	
167	14.1	10.6	16.0	

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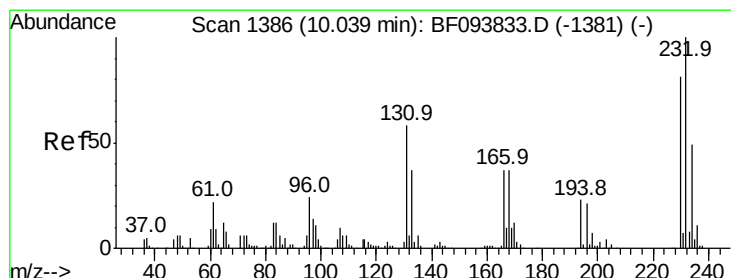
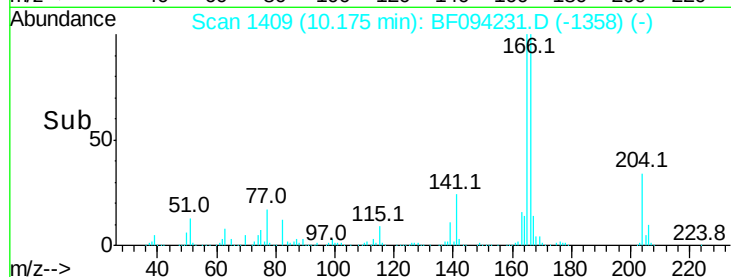
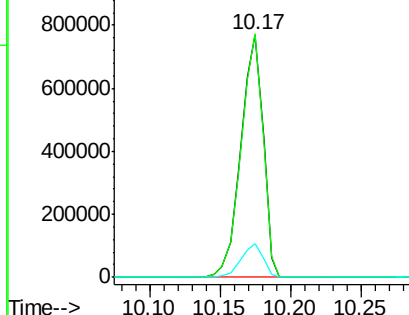


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.95 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.9	44.8	67.2	
130	3.2	2.3	3.5	
166	36.0	29.0	43.4	

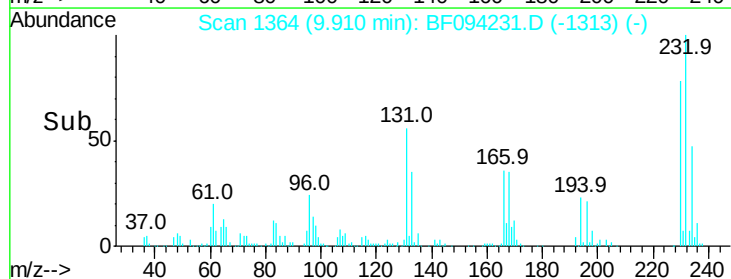
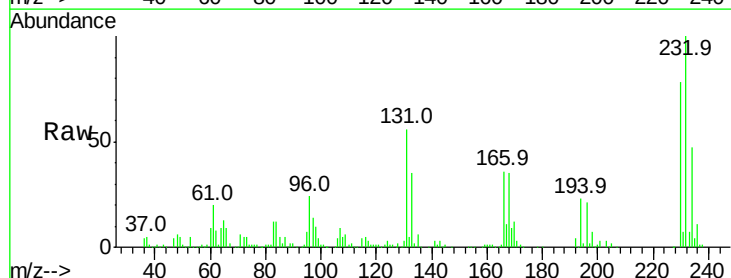
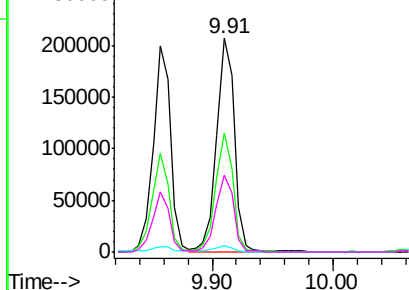
Abundance

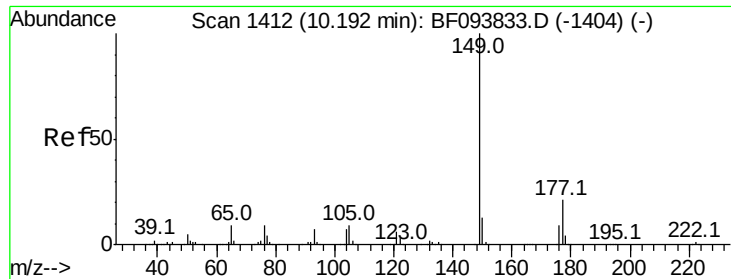
Ion 232.00 (231.70 to 232.70): E

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





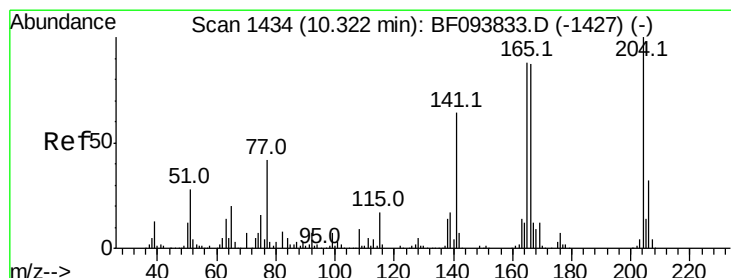
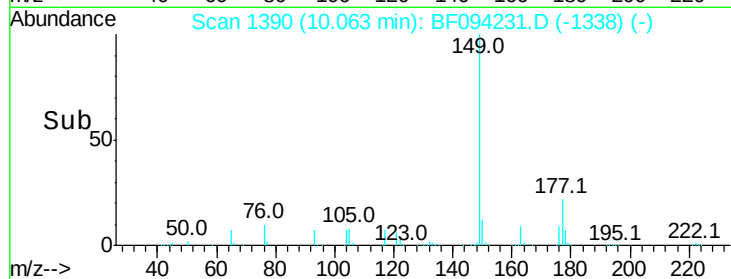
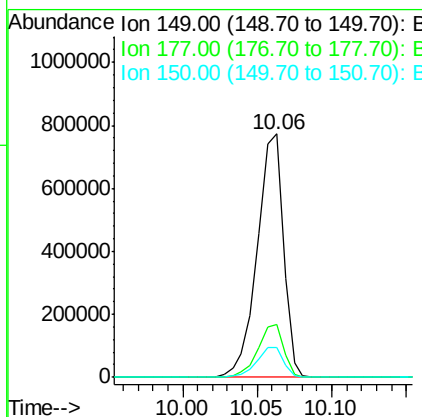
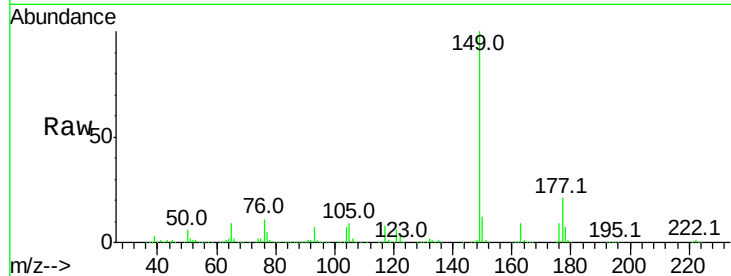
#59
Diethylphthalate
Concen: 41.77 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	936635		
177	21.5	16.7	25.1	
150	12.3	10.2	15.2	

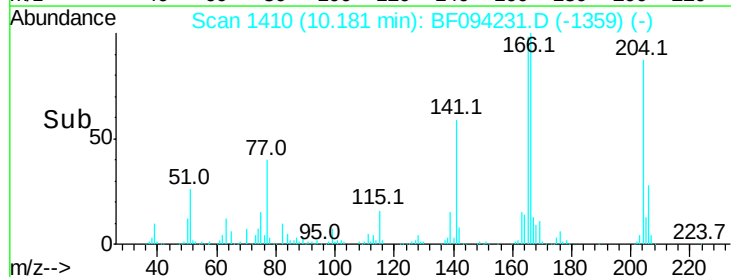
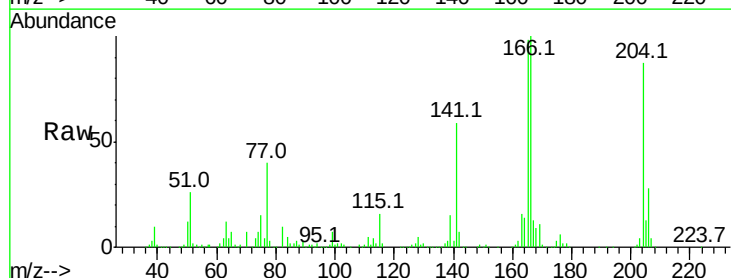
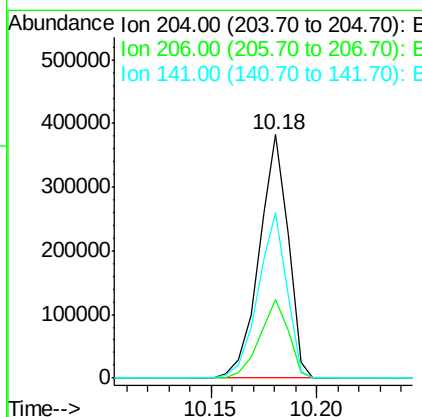
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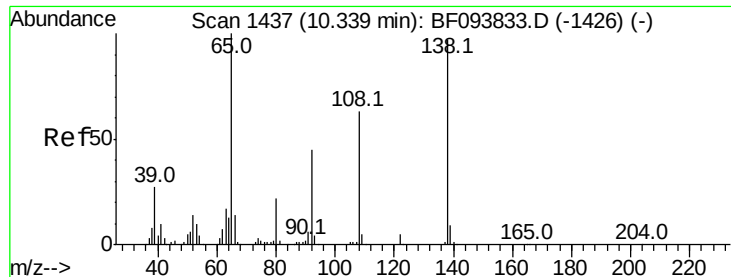
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.63 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	363032		
206	32.4	26.2	39.2	
141	67.9	60.8	91.2	





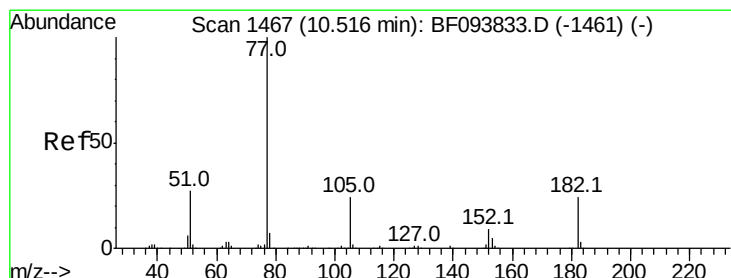
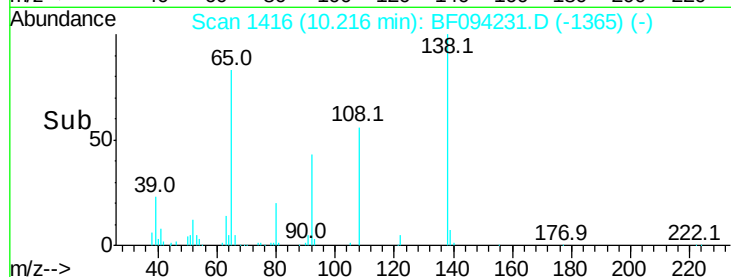
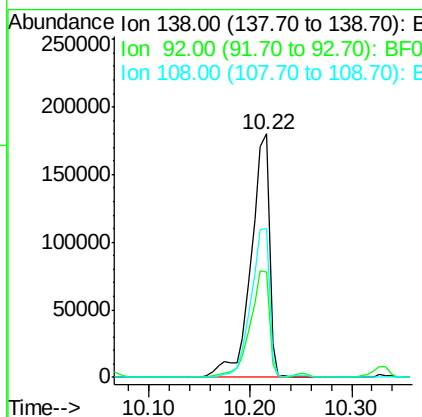
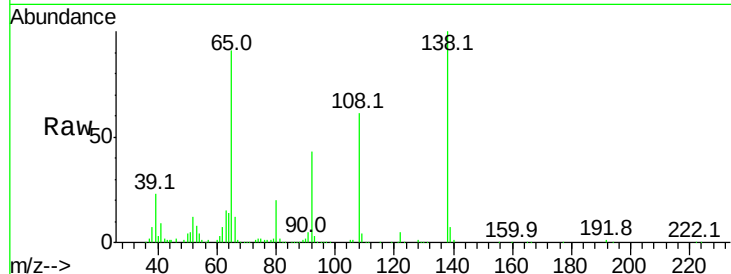
#61
4-Nitroaniline
Concen: 38.90 ng
RT: 10.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.1	21.8	61.8
108	60.9	42.3	82.3

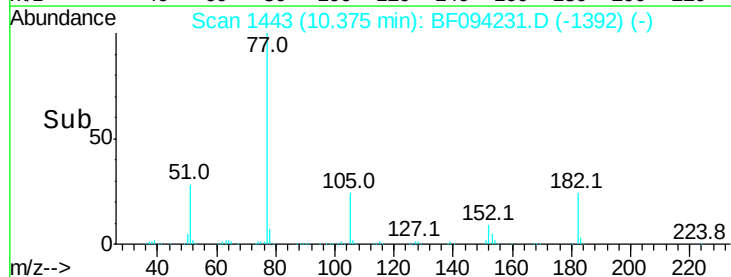
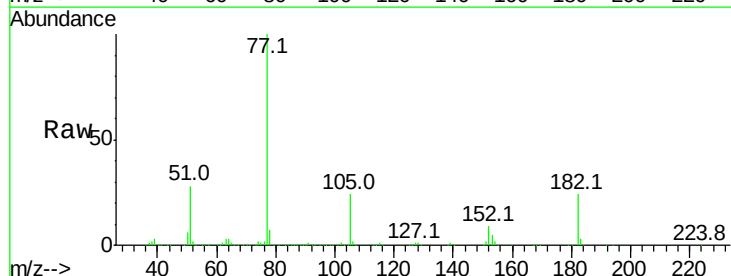
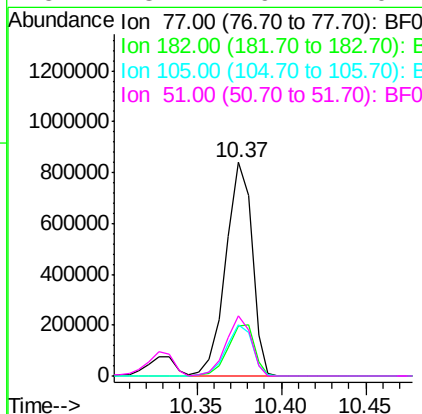
Manual Integrations
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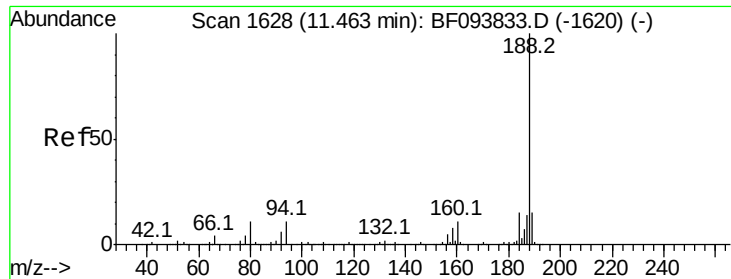
mohammad
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#62
Azobenzene
Concen: 42.85 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	0.1	40.1
105	24.2	3.6	43.6
51	28.2	9.4	49.4





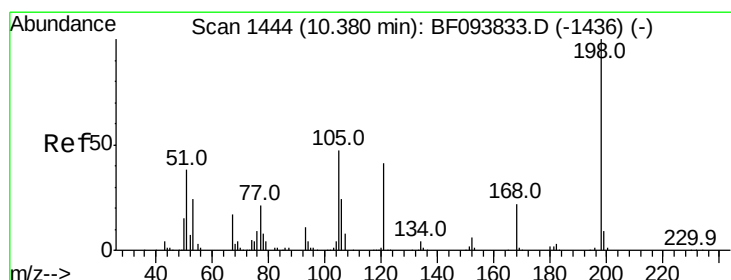
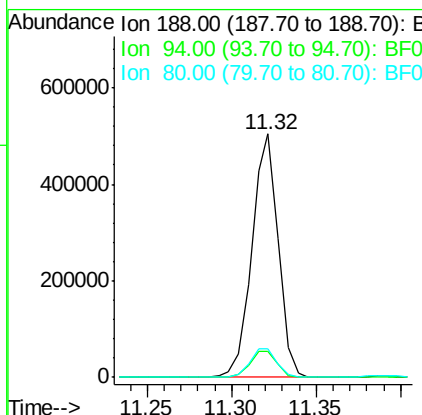
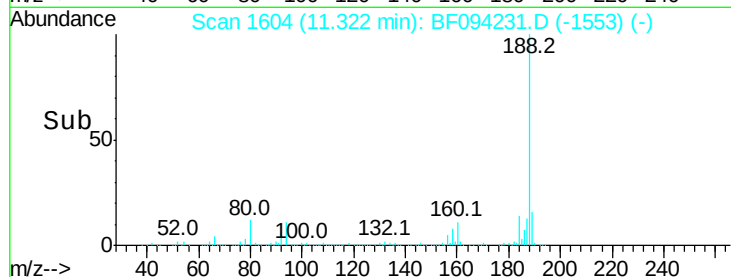
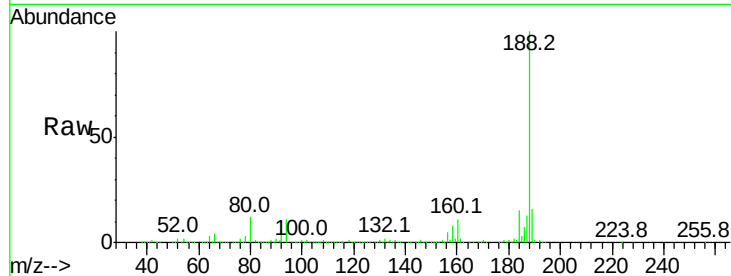
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	9.4	14.2	
80	11.7	10.2	15.2	

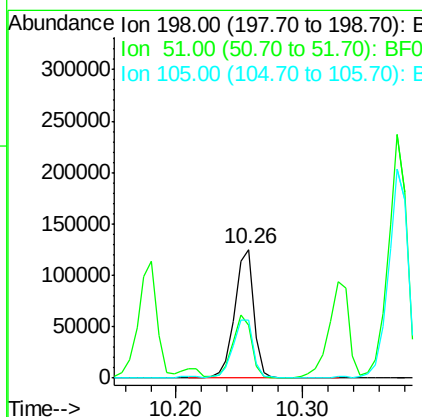
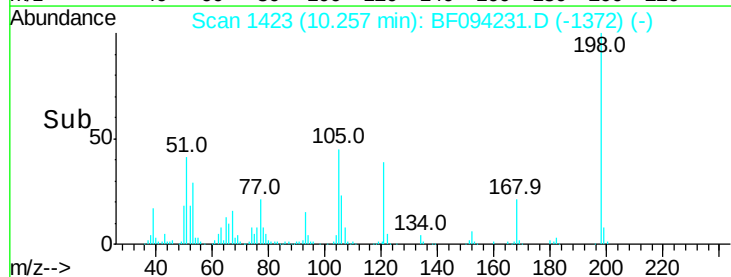
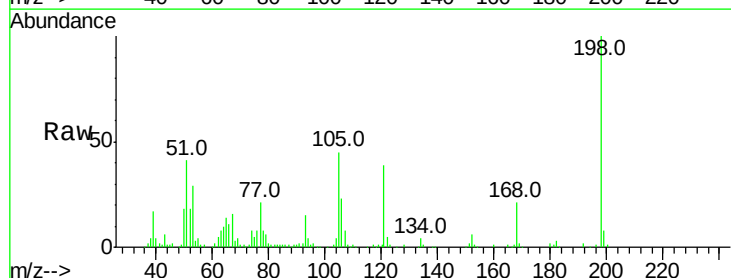
Manual Integrations
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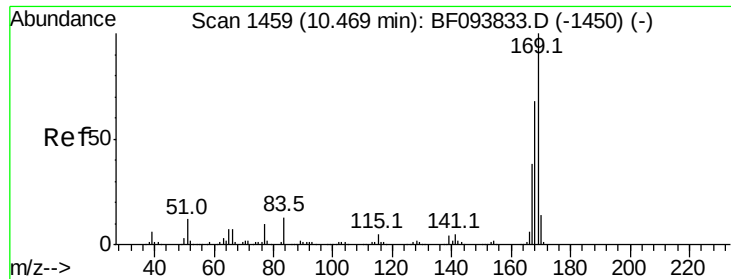
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.83 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.6	53.2	93.2#	
105	44.5	45.8	85.8#	





#65

n-Nitrosodiphenylamine

Concen: 41.62 ng

RT: 10.33 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

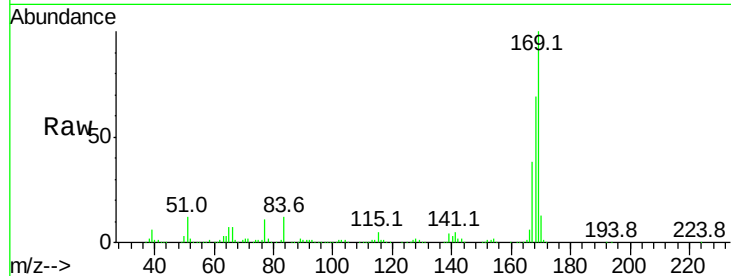
ClientSampleId :

B4-(0-5)MSD

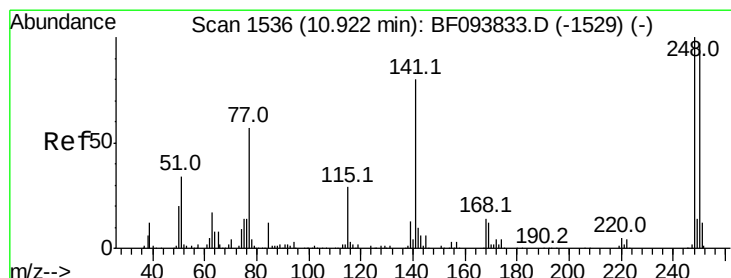
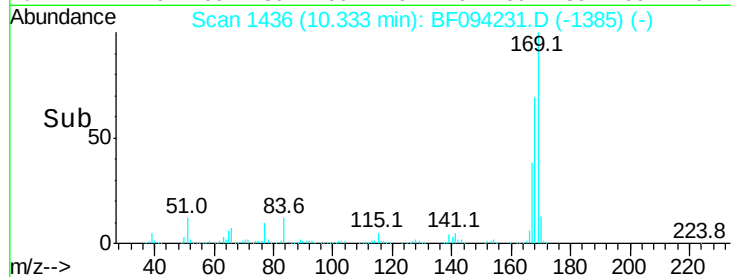
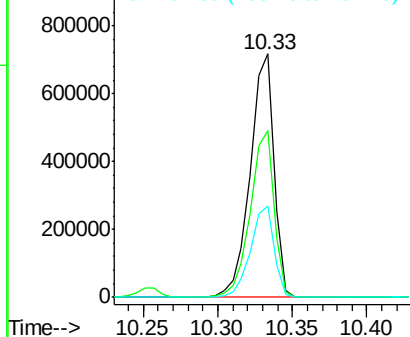
Tot Ion:	169	Resp:	786011
Ion Ratio	Lower	Upper	
169	100		
168	68.8	53.2	79.8
167	37.7	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.15 ng

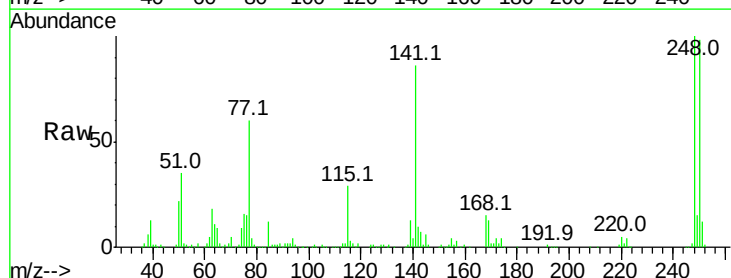
RT: 10.78 min Scan# 1512

Delta R.T. 0.00 min

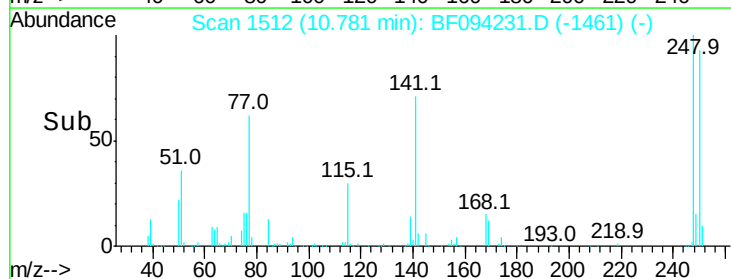
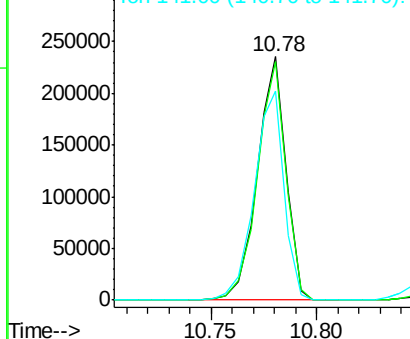
Lab File: BF094231.D

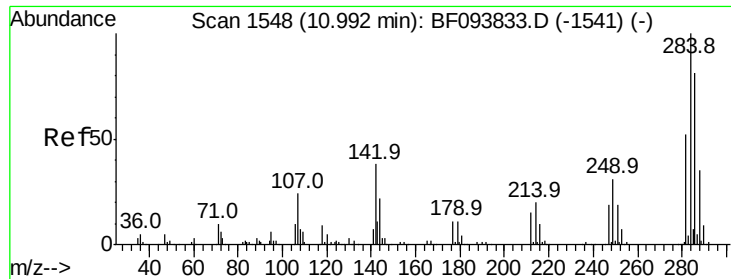
Acq: 6 Apr 2017 16:35

Tgt Ion:	248	Resp:	220980
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.8	115.2
141	86.0	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.60 ng

RT: 10.85 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

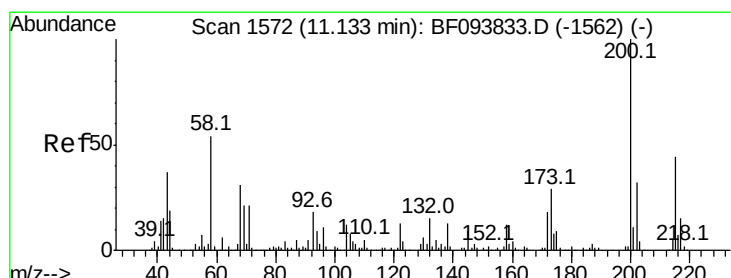
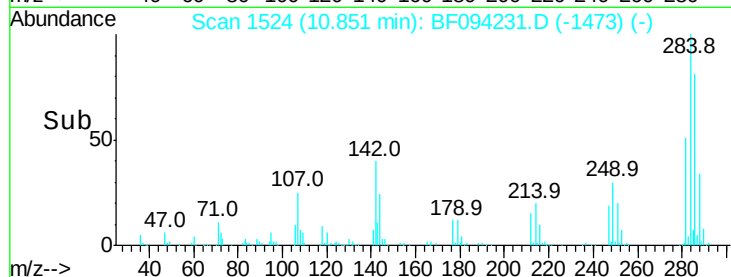
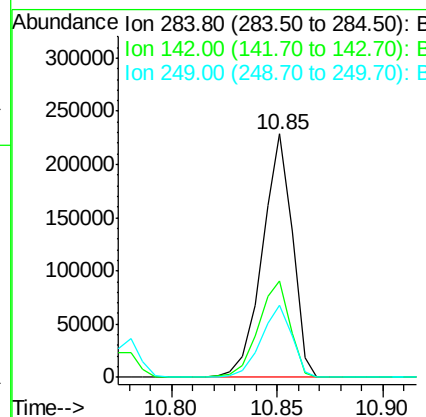
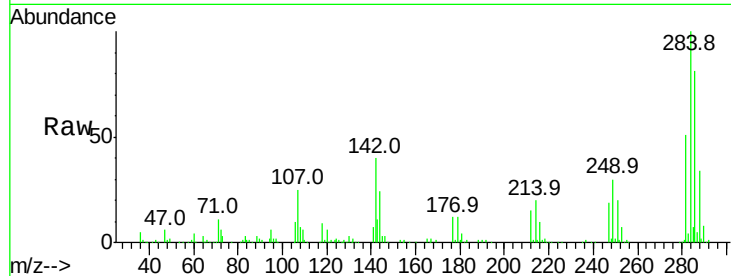
ClientSampleId :

B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	226189		
142	39.7	22.8	34.2#	
249	29.7	24.0	36.0	

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#68

Atrazine

Concen: 41.14 ng

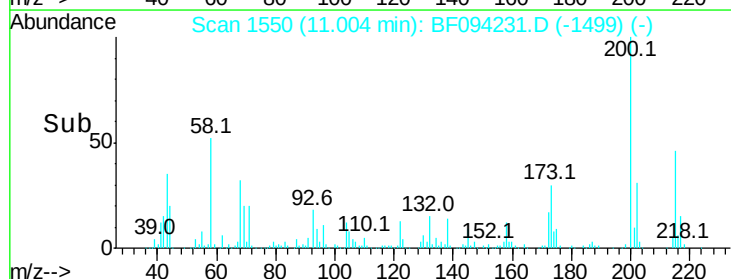
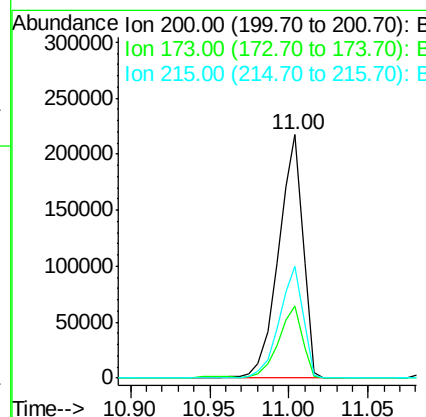
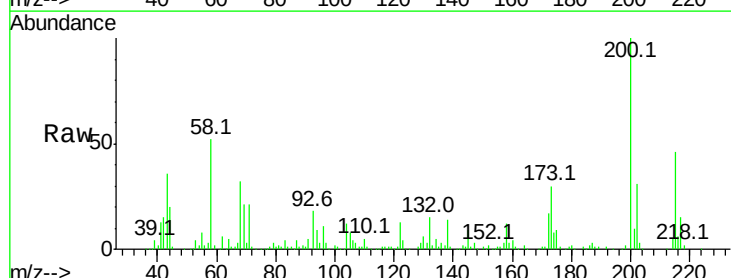
RT: 11.00 min Scan# 1550

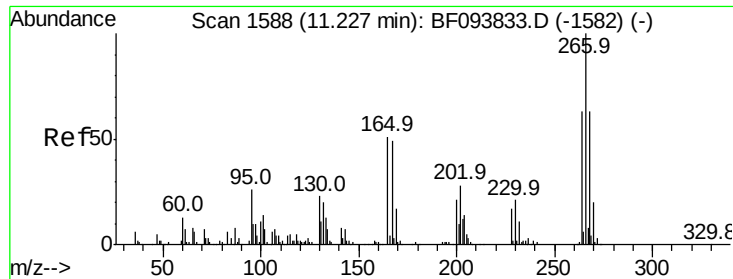
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232684		
173	29.7	6.3	46.3	
215	45.7	27.2	67.2	





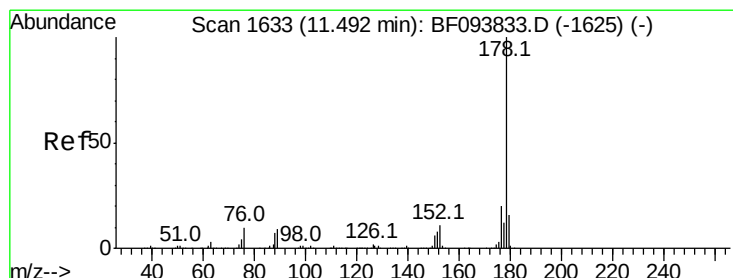
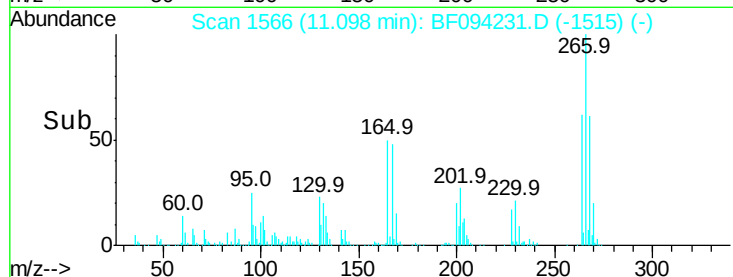
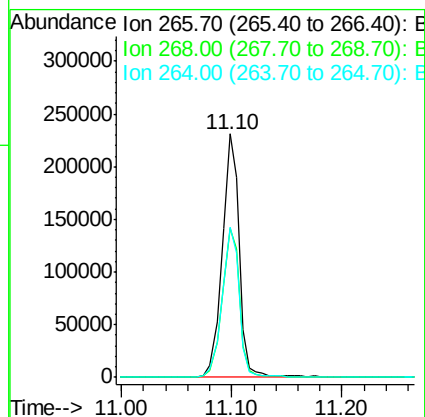
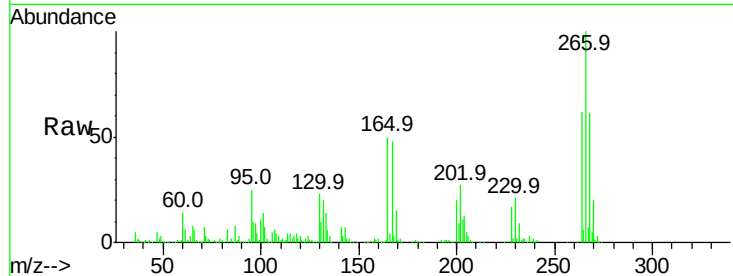
#69
 Pentachlorophenol
 Concen: 73.46 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	248566		
268	61.2		51.1	76.7
264	61.6		51.7	77.5

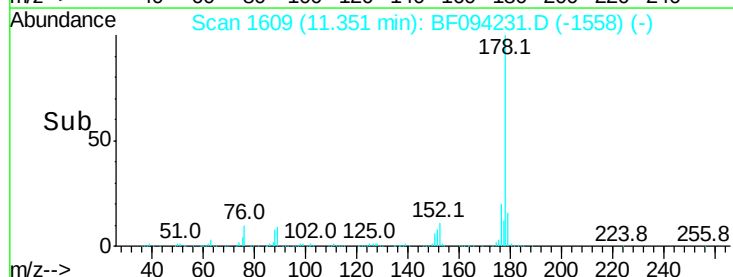
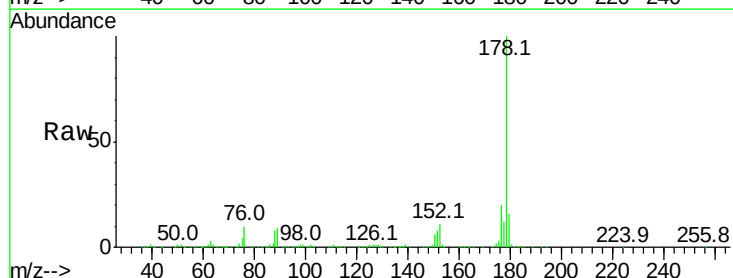
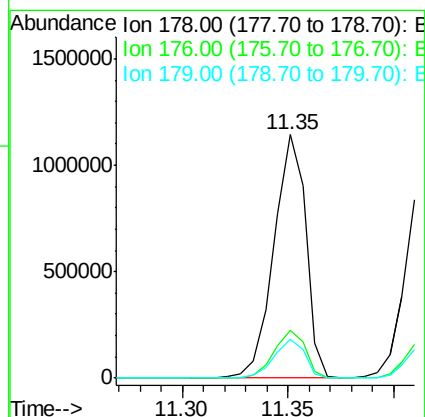
Manual Integrations
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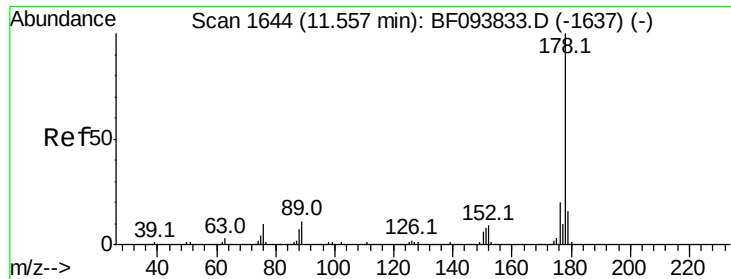
mohammad
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#70
 Phenanthrene
 Concen: 39.68 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1205258		
176	19.7		16.2	24.4
179	15.9		12.6	19.0





#71

Anthracene

Concen: 39.78 ng

RT: 11.42 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MSD

Tot Ion:178 Resp: 1244298

Ion Ratio Lower Upper

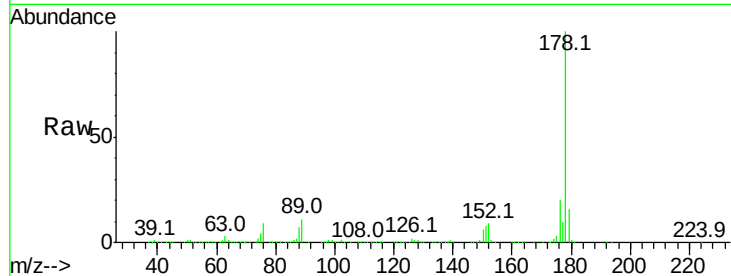
178 100

176 19.6 15.8 23.8

179 15.6 12.7 19.1

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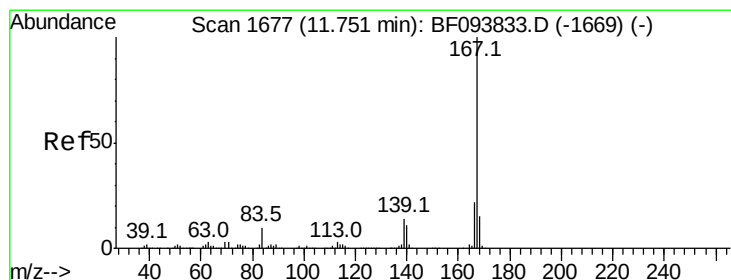
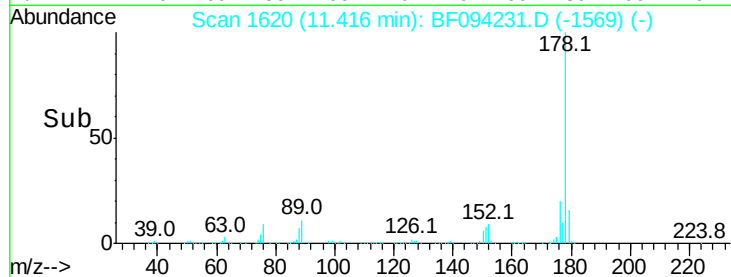
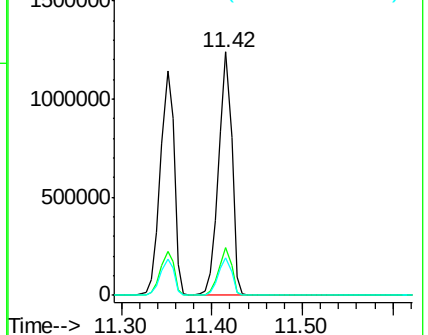
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.34 ng

RT: 11.62 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

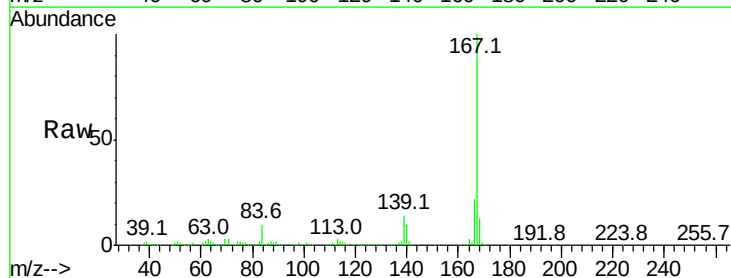
Tgt Ion:167 Resp: 1197531

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

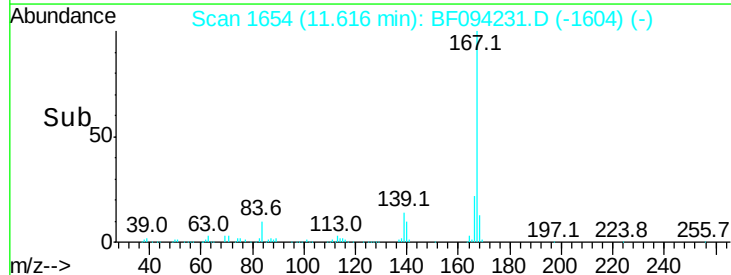
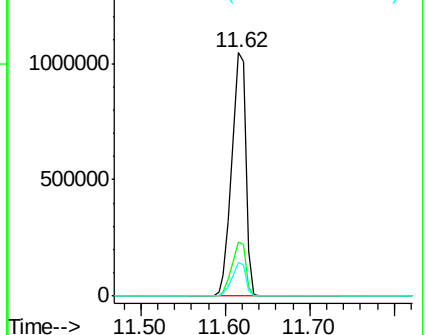
139 13.9 11.7 17.5

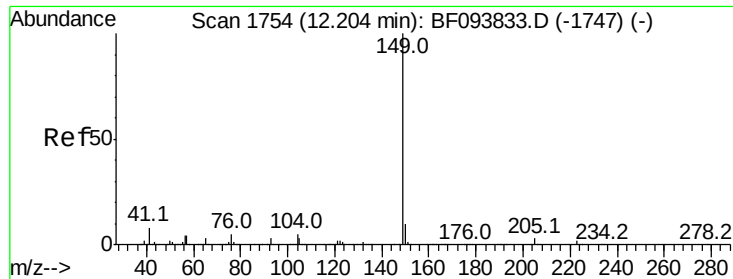


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.74 ng

RT: 12.07 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

ClientSampleId :

B4-(0-5)MSD

Tot Ion:149 Resp: 1425698

Ion Ratio Lower Upper

149 100

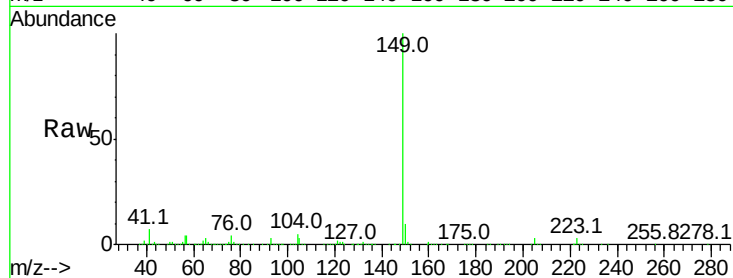
150 9.5 7.7 11.5

104 4.6 4.0 6.0

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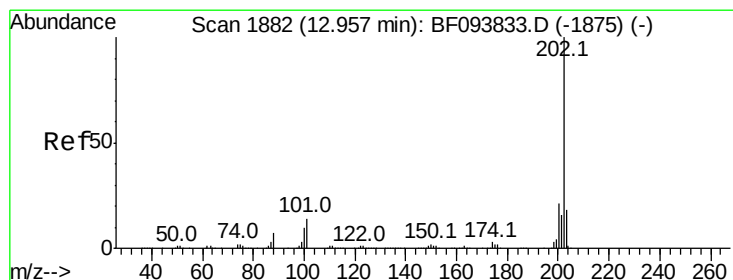
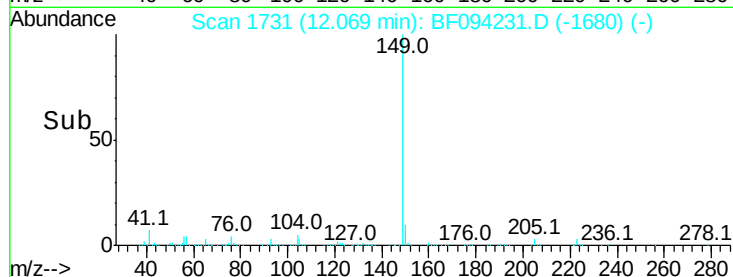
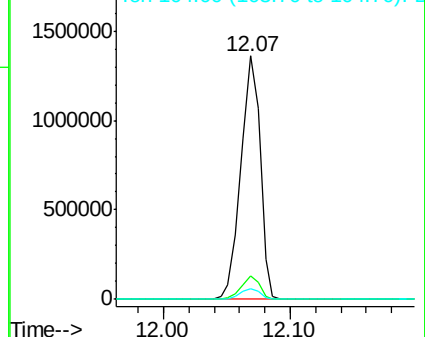
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.23 ng

RT: 12.82 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

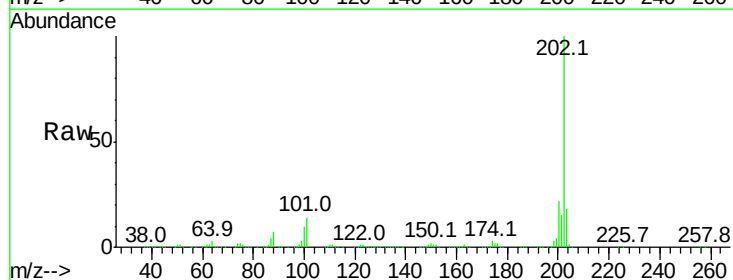
Tgt Ion:202 Resp: 1189251

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

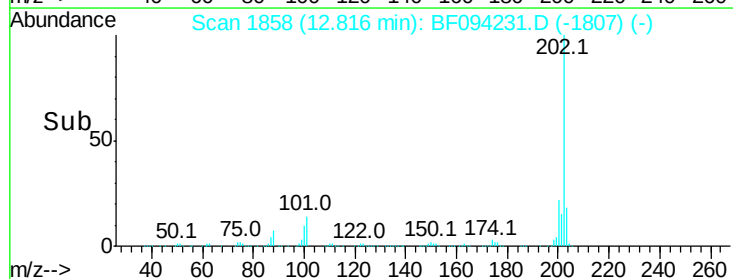
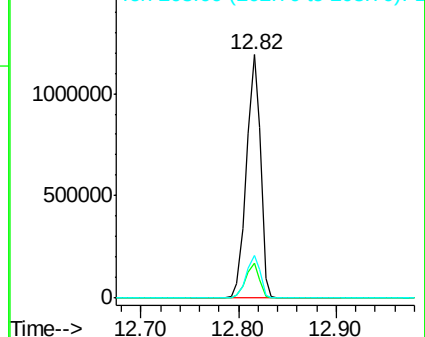
203 17.7 0.0 38.1

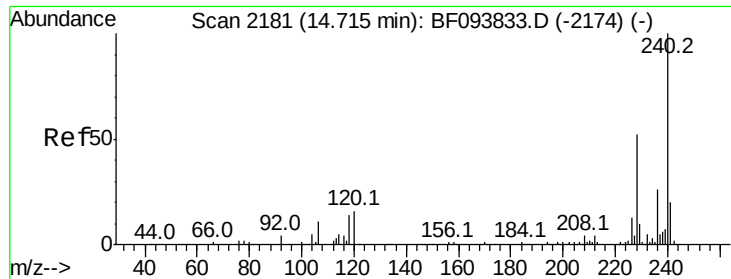


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





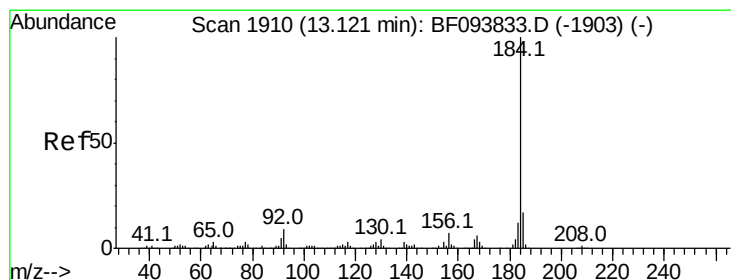
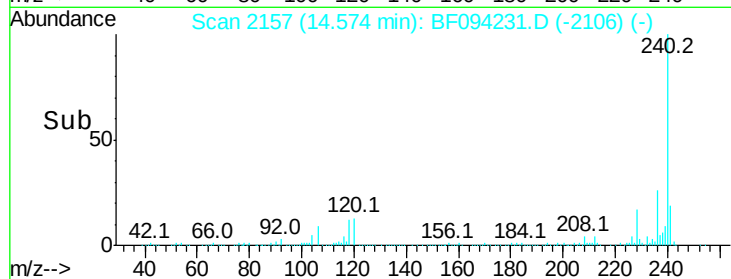
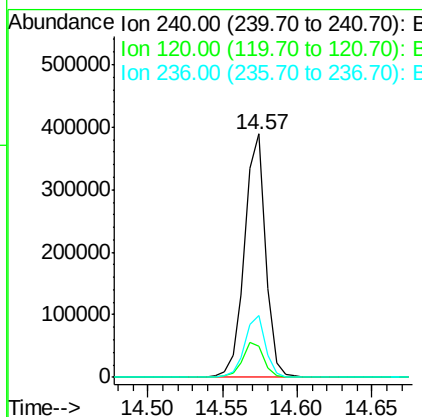
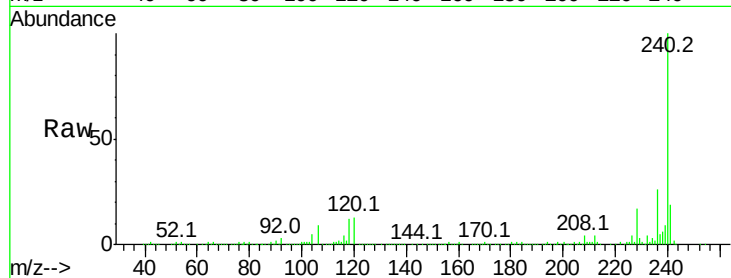
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.57 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	25.6	20.5	30.7

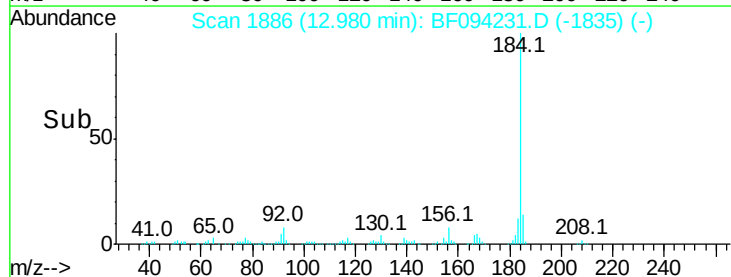
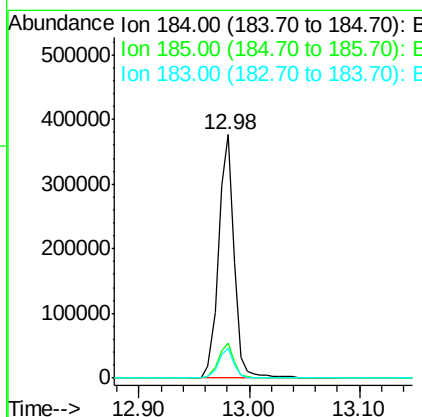
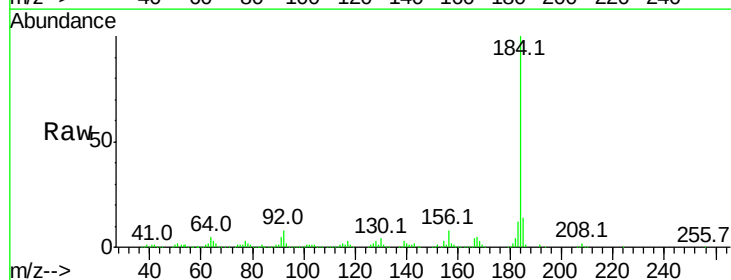
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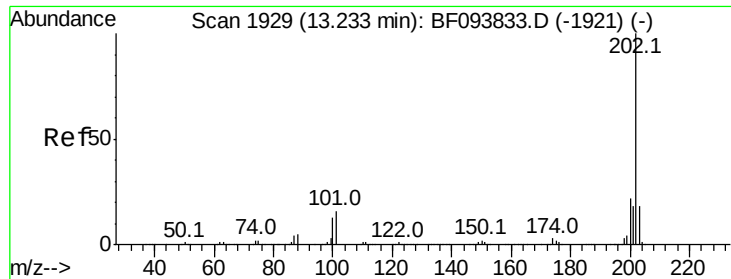
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#76
 Benzidine
 Concen: 24.53 ng
 RT: 12.98 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	12.3	9.8	14.6





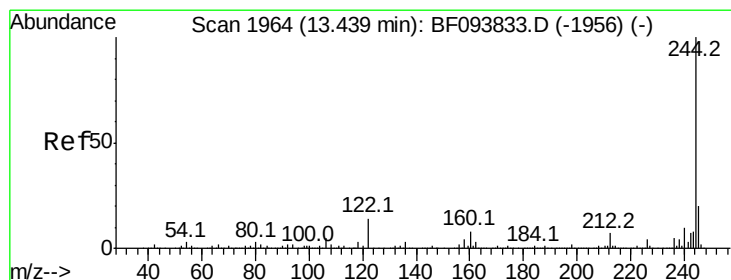
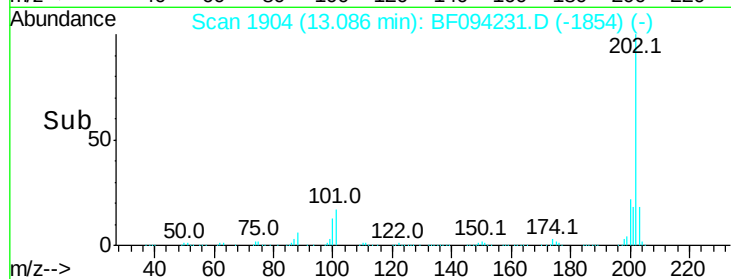
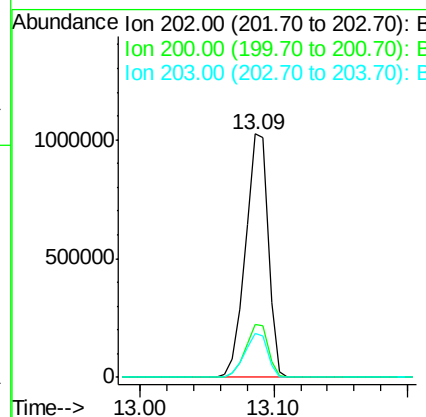
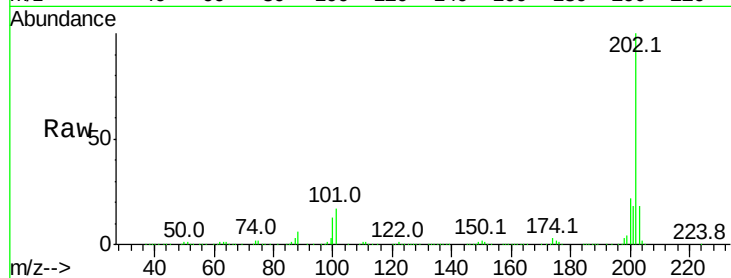
#77
Pvrene
Concen: 43.55 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6

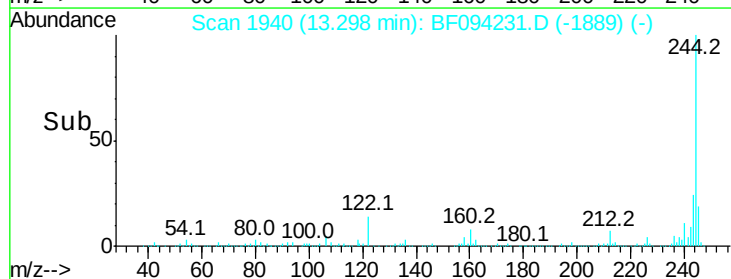
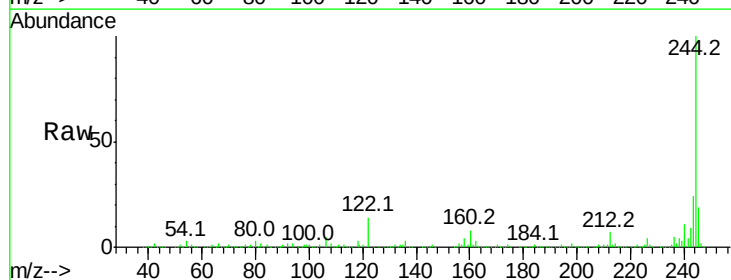
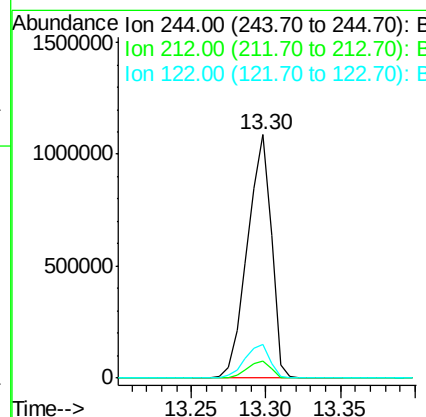
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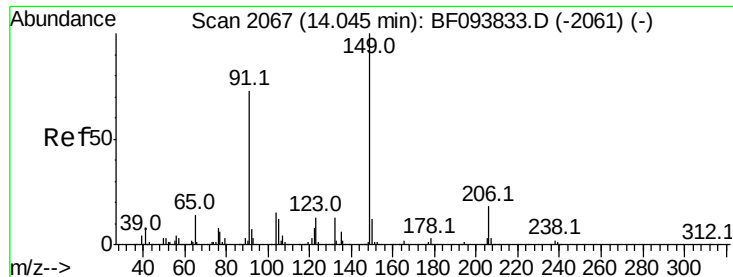
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#78
Terphenyl-d14
Concen: 71.28 ng
RT: 13.30 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5





#79

Butylbenzylphthalate

Concen: 49.52 ng

RT: 13.91 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

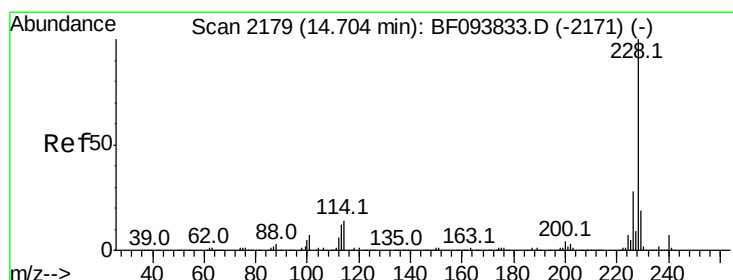
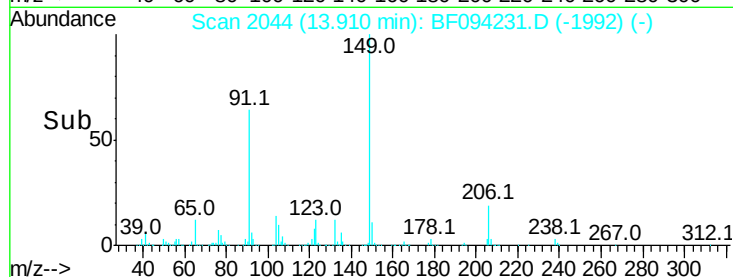
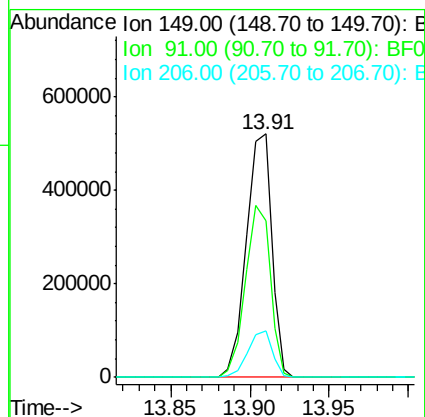
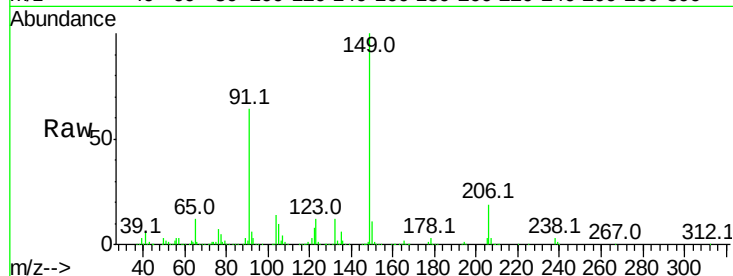
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	149	Resp:	582095
Ion Ratio	Lower	Upper	
149	100		
91	64.2	45.0	67.4
206	19.4	17.0	25.6

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.78 ng

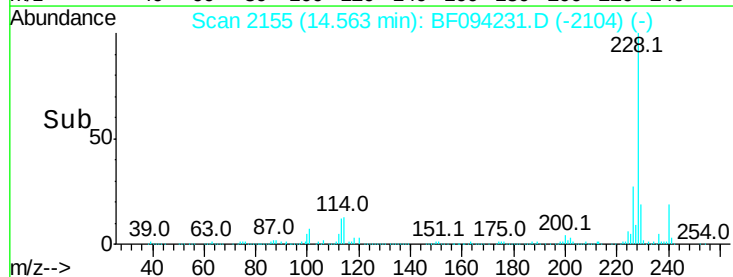
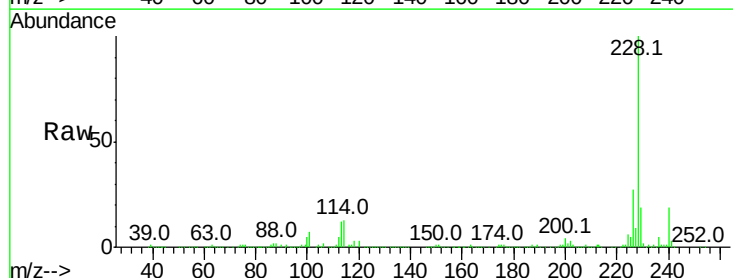
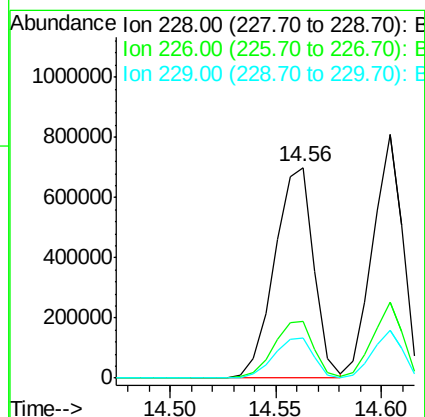
RT: 14.56 min Scan# 2155

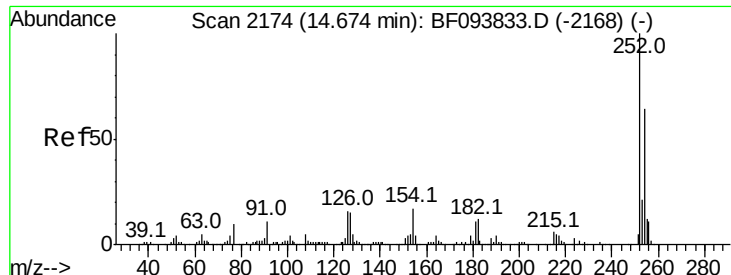
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	228	Resp:	904153
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	33.8
229	19.3	16.3	24.5





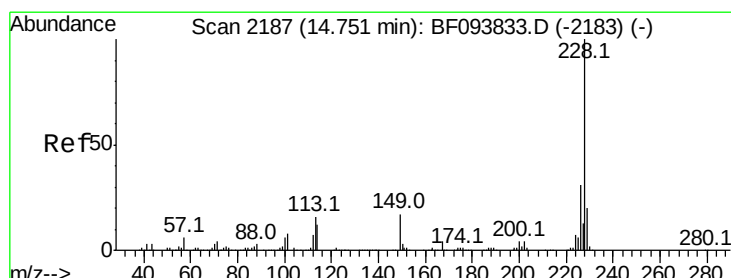
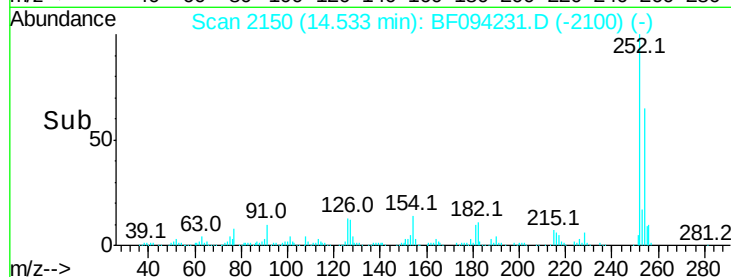
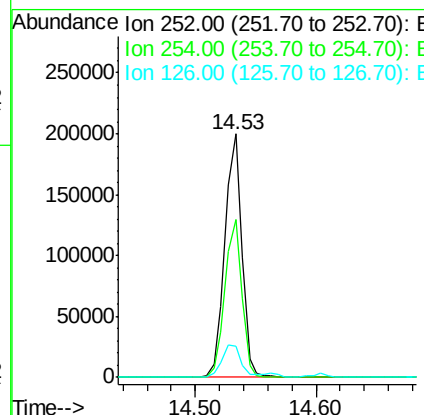
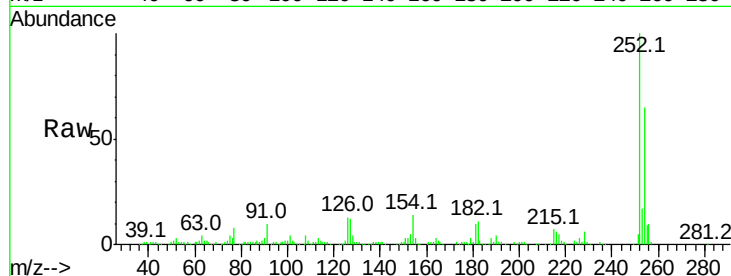
#81
 3,3'-Dichlorobenzidine
 Concen: 24.51 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	194242		
254	65.1	51.5	77.3	
126	12.7	15.8	23.8	

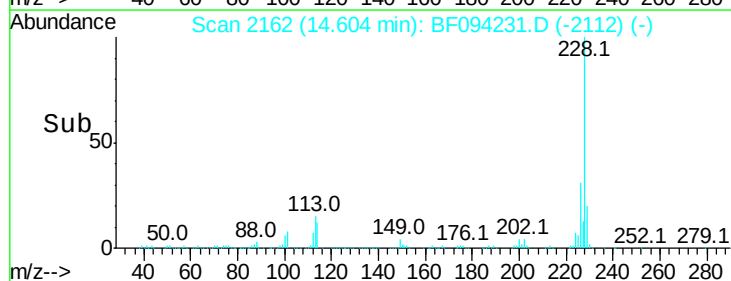
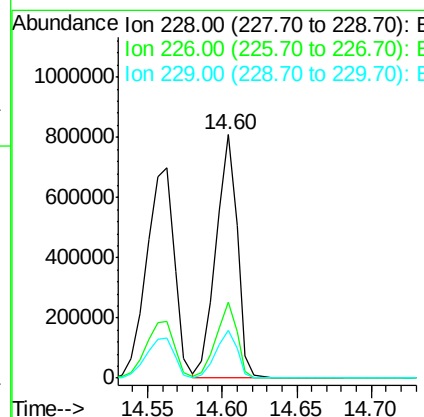
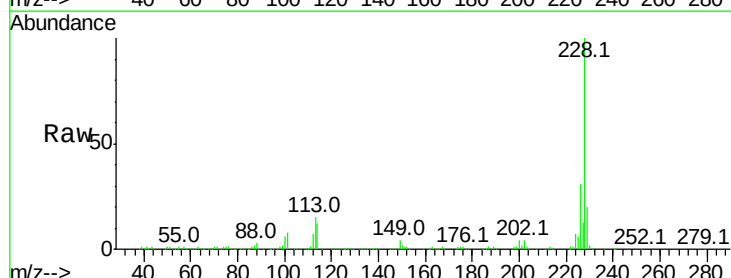
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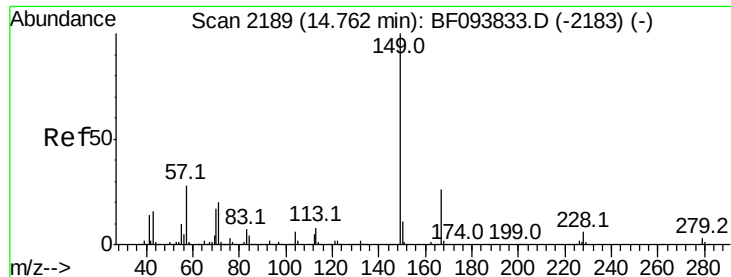
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#82
 Chrysene
 Concen: 39.12 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	804836		
226	31.3	24.9	37.3	
229	19.5	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.00 ng

RT: 14.62 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

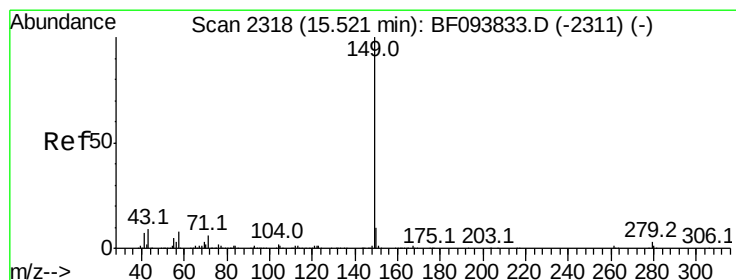
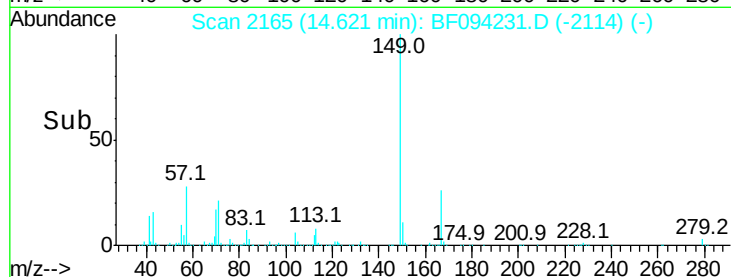
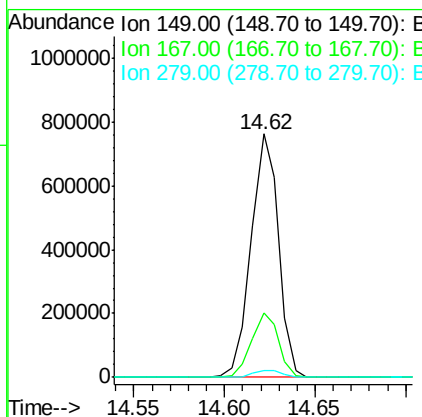
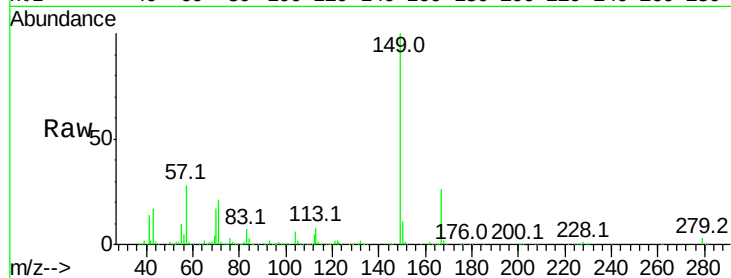
ClientSampled :

B4-(0-5)MSD

Tot Ion:	149	Resp:	801920
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.8	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 46.44 ng

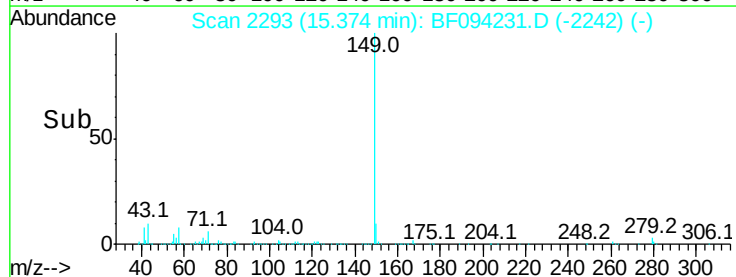
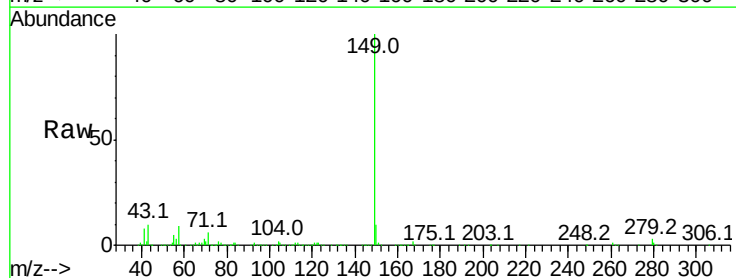
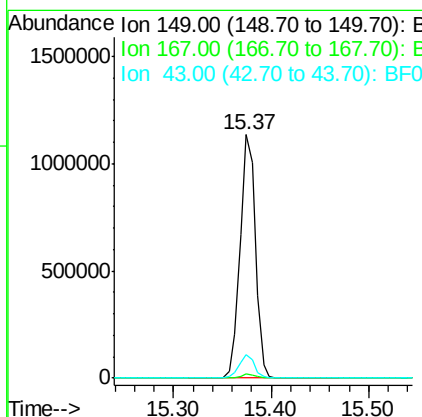
RT: 15.37 min Scan# 2293

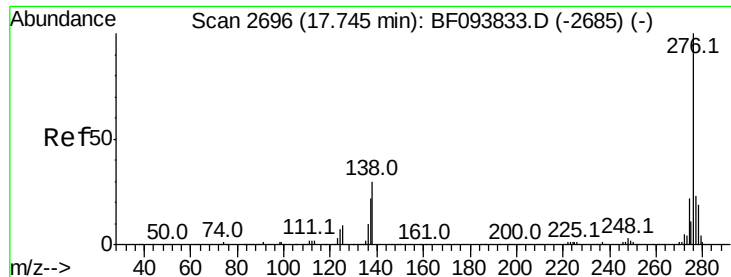
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	149	Resp:	1244304
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.40 ng

RT: 17.52 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Instrument :

BNA_F

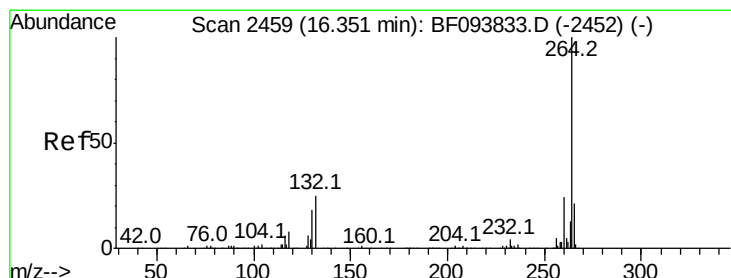
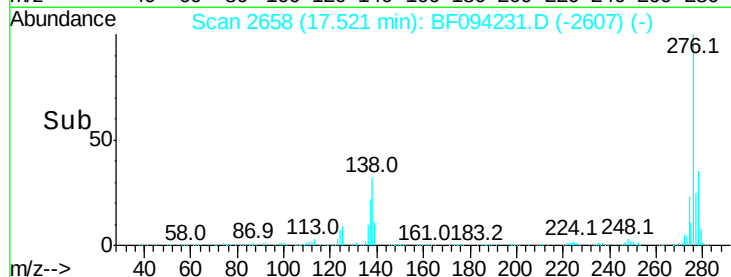
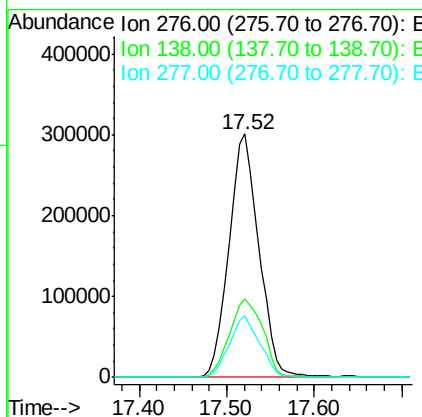
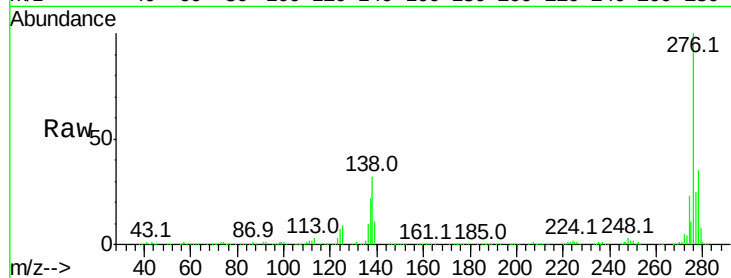
ClientSampleId :

B4-(0-5)MSD

Tot Ion:	276	Resp:	702029
Ion Ratio	Lower	Upper	
276	100		
138	36.0	27.8	41.6
277	25.5	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

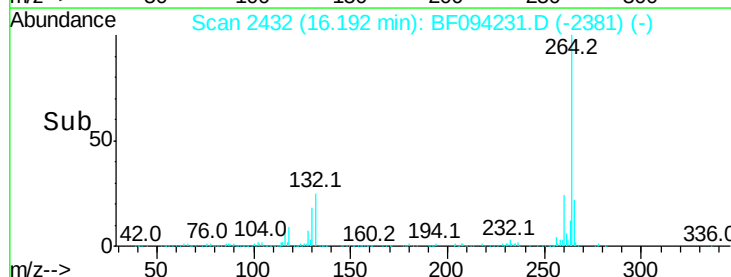
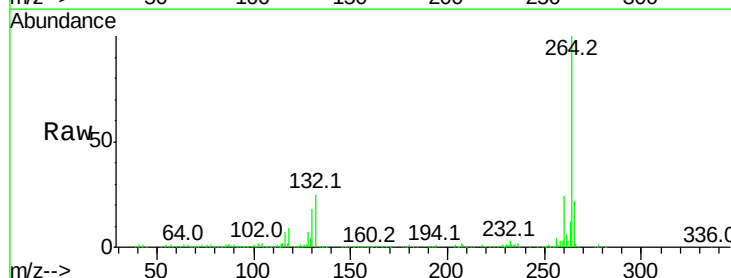
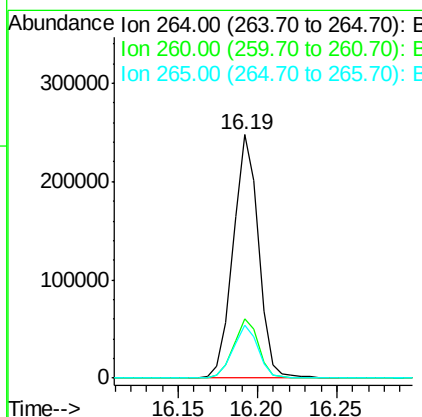
RT: 16.19 min Scan# 2432

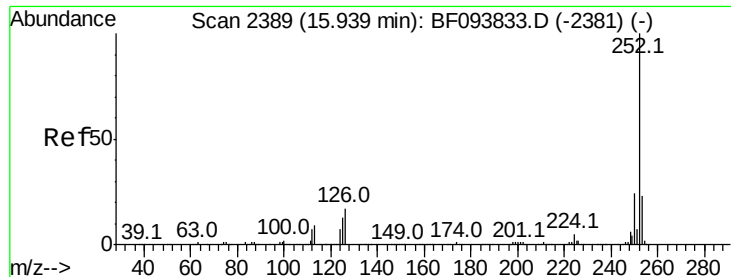
Delta R.T. 0.00 min

Lab File: BF094231.D

Acq: 6 Apr 2017 16:35

Tgt Ion:	264	Resp:	274035
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.0	17.2	25.8





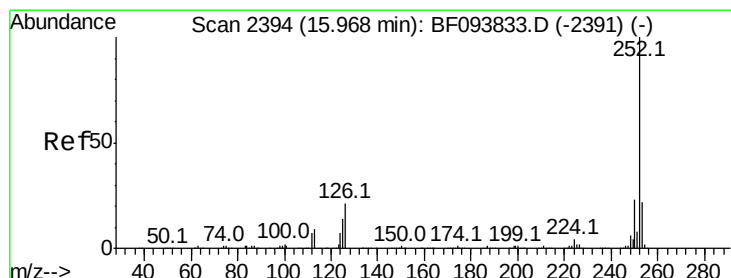
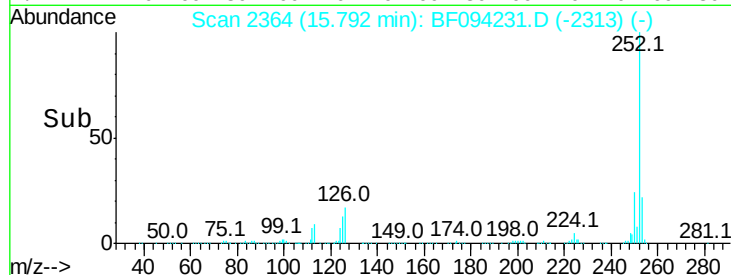
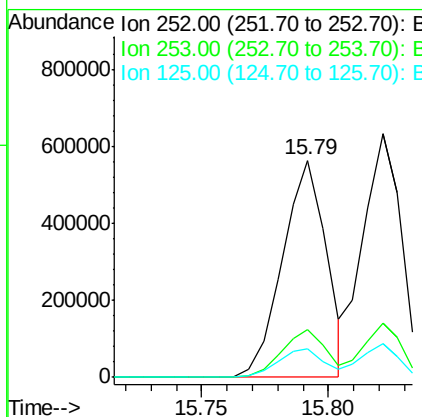
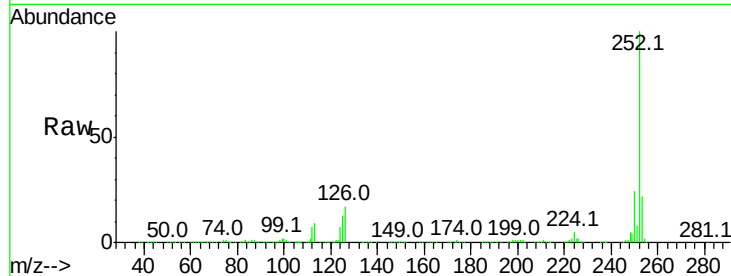
#87
Benzo(b)fluoranthene
Concen: 40.42 ng
RT: 15.79 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.4	9.8	14.8

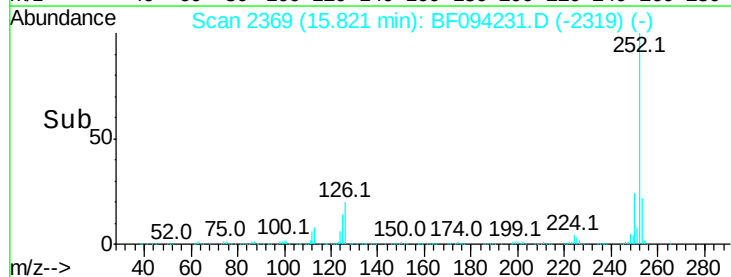
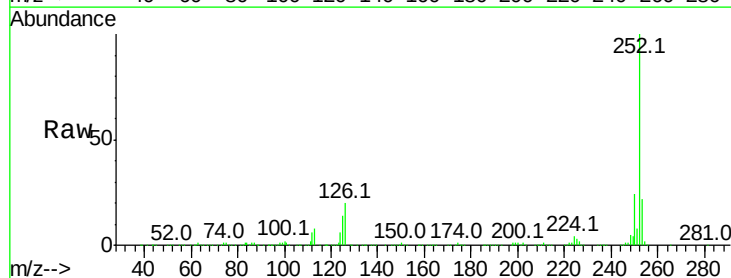
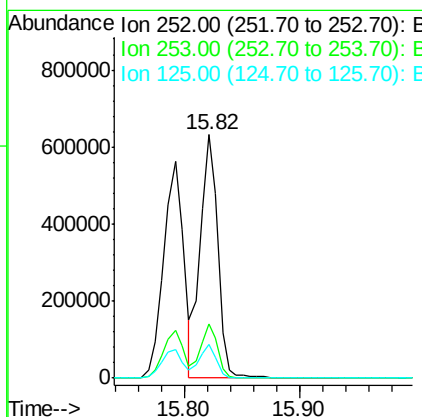
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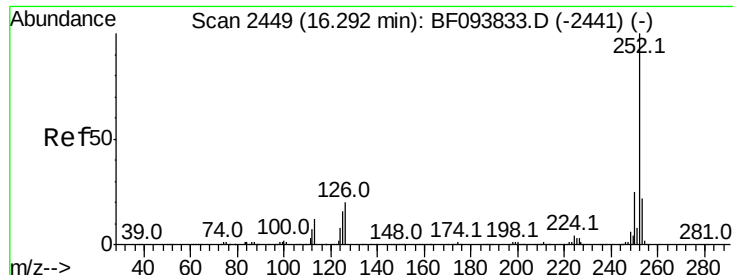
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#88
Benzo(k)fluoranthene
Concen: 41.21 ng
RT: 15.82 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.7	13.1	19.7





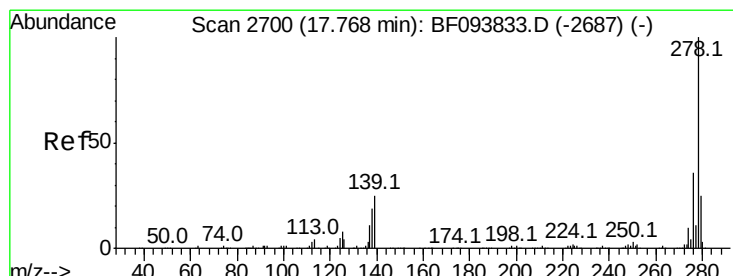
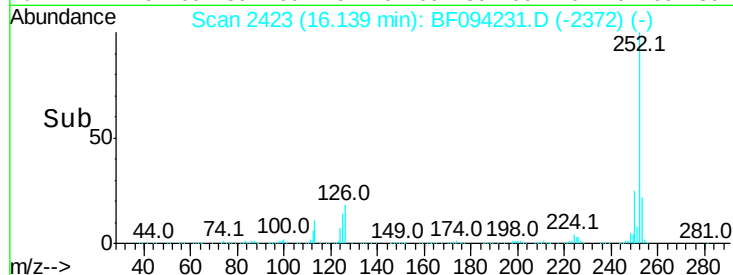
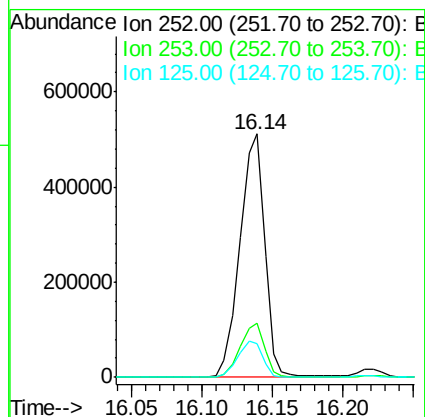
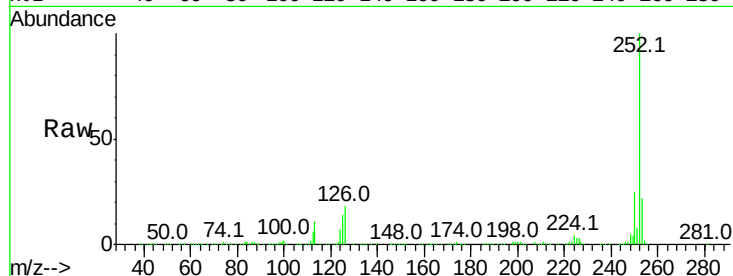
#89
Benzo(a)pyrene
Concen: 40.83 ng
RT: 16.14 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Instrument :
BNA_F
ClientSampleId :
B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	13.8	11.0	16.4

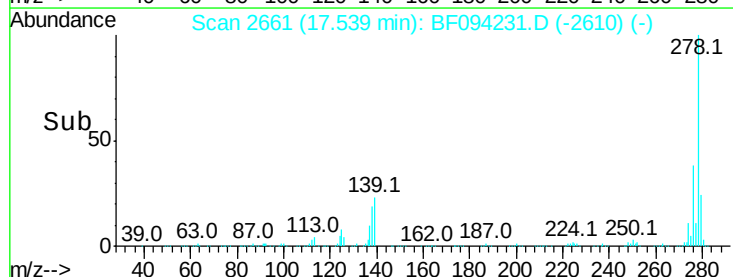
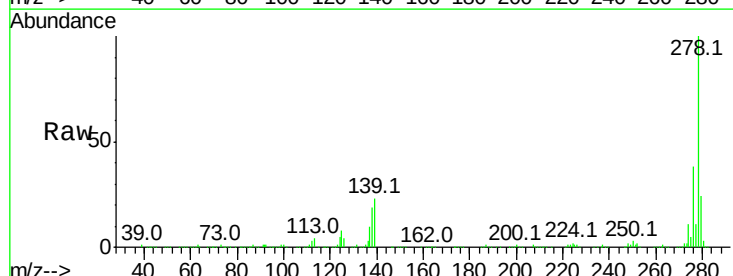
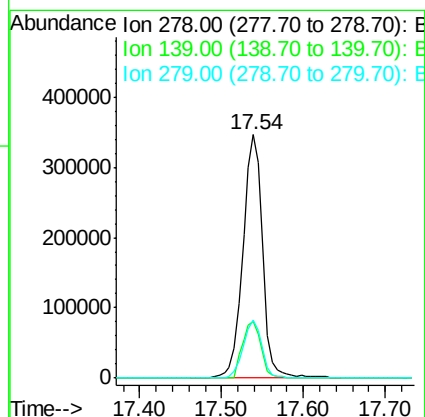
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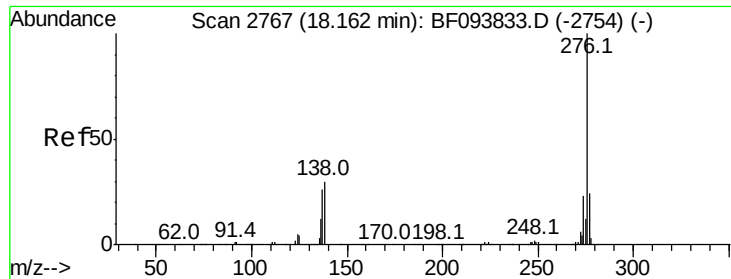
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#90
Dibenzo(a,h)anthracene
Concen: 44.10 ng
RT: 17.54 min Scan# 2661
Delta R.T. 0.00 min
Lab File: BF094231.D
Acq: 6 Apr 2017 16:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 45.97 ng
 RT: 17.91 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BF094231.D
 Acq: 6 Apr 2017 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B4-(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	29.3	25.4	38.0

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