

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093018.D
 Acq On : 17 Feb 2017 18:47
 Operator : SJ/MA
 Sample : I1879-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Manual Integrations
 APPROVED

mohammad
 2/20/2017 12:59:48 PM

Quant Time: Feb 17 23:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	162728	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	664708	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	317195	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	573980	20.00	ng	0.00
75) Chrysene-d12	14.02	240	487506	20.00	ng	0.00
86) Perylene-d12	15.45	264	359522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1446980	152.55	ng	0.01
7) Phenol-d6	6.51	99	1933675	158.44	ng	0.02
23) Nitrobenzene-d5	7.42	82	1160082	97.19	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	392064	170.90	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1644662	93.94	ng	0.00
78) Terphenyl-d14	12.97	244	1592125	76.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	194889	38.03	ng	# 84
3) Pyridine	3.22	79	333554	25.59	ng	# 84
4) n-Nitrosodimethylamine	3.17	42	283828	46.38	ng	88
6) Aniline	6.52	93	297441	17.87	ng	# 32
8) 2-Chlorophenol	6.65	128	501778	47.95	ng	95
9) Benzaldehyde	6.40	77	108421	12.40	ng	87
10) Phenol	6.52	94	792091	55.47	ng	# 75
11) bis(2-Chloroethyl)ether	6.60	93	527401	46.28	ng	99
12) 1,3-Dichlorobenzene	6.80	146	535337m	43.68	ng	
13) 1,4-Dichlorobenzene	6.88	146	565064	45.55	ng	95
14) 1,2-Dichlorobenzene	7.02	146	472502	39.83	ng	98
15) Benzyl Alcohol	7.00	79	392089	43.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	835505	42.20	ng	94
17) 2-Methylphenol	7.13	107	447776	49.88	ng	97
18) Hexachloroethane	7.37	117	183096	43.24	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	343597	44.23	ng	95
20) 3+4-Methylphenols	7.28	107	471792	43.96	ng	90
22) Acetophenone	7.28	105	653197	43.04	ng	# 92
24) Nitrobenzene	7.45	77	590163	48.15	ng	94
25) Isophorone	7.69	82	1031866	46.39	ng	98
26) 2-Nitrophenol	7.76	139	282644	48.51	ng	92
27) 2,4-Dimethylphenol	7.80	122	440795	43.08	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	601862	40.86	ng	99
29) 2,4-Dichlorophenol	8.01	162	458839	48.08	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	460166	44.75	ng	97
31) Naphthalene	8.17	128	1444321	42.86	ng	99
32) Benzoic acid	7.93	122	162387	30.99	ng	96
33) 4-Chloroaniline	8.21	127	134345	10.17	ng	96
34) Hexachlorobutadiene	8.28	225	236093	41.73	ng	98
35) Caprolactam	8.59	113	135730m	45.22	ng	
36) 4-Chloro-3-methylphenol	8.70	107	471028	47.34	ng	100
37) 2-Methylnaphthalene	8.85	142	902989	41.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	437120	49.09	ng	100
40) Hexachlorocyclopentadiene	9.00	237	320291	79.73	ng	96

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 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	320371	54.76	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	307691	48.00	ng #	88
45) 1,1'-Biphenyl	9.32	154	1183964	51.55	ng	98
46) 2-Chloronaphthalene	9.34	162	885866	49.30	ng	97
47) 2-Nitroaniline	9.45	65	339855	56.26	ng #	85
48) Acenaphthylene	9.76	152	1351452	43.54	ng	99
49) Dimethylphthalate	9.63	163	1445692	67.67	ng	100
50) 2,6-Dinitrotoluene	9.69	165	224950	48.75	ng #	82
51) Acenaphthene	9.93	154	874811	47.14	ng	96
52) 3-Nitroaniline	9.86	138	138709	26.27	ng #	75
53) 2,4-Dinitrophenol	9.96	184	188377	80.24	ng #	57
54) Dibenzofuran	10.10	168	1150236	46.34	ng	98
55) 4-Nitrophenol	10.03	139	328771	86.45	ng	93
56) 2,4-Dinitrotoluene	10.10	165	308221	50.18	ng #	81
57) Fluorene	10.44	166	849321	44.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246330	57.60	ng	97
59) Diethylphthalate	10.33	149	1052885	52.29	ng	94
60) 4-Chlorophenyl-phenylether	10.43	204	417264	45.48	ng	98
61) 4-Nitroaniline	10.48	138	264676	48.94	ng	88
62) Azobenzene	10.59	77	1130660	54.35	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	150516	43.36	ng #	46
65) n-Nitrosodiphenylamine	10.56	169	778443	42.45	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	250230	41.73	ng	95
67) Hexachlorobenzene	10.99	284	249666	42.13	ng #	88
68) Atrazine	11.08	200	256390	43.57	ng	100
69) Pentachlorophenol	11.18	266	274823	88.95	ng	96
70) Phenanthrene	11.40	178	1289555	39.21	ng	99
71) Anthracene	11.46	178	1514757	45.87	ng	98
72) Carbazole	11.61	167	1287445	40.78	ng	99
73) Di-n-butylphthalate	11.94	149	1467432	42.98	ng #	98
74) Fluoranthene	12.59	202	1406703	41.47	ng	97
76) Benzidine	12.72	184	211732	10.19	ng	95
77) Pyrene	12.82	202	1406161	38.54	ng	99
79) Butylbenzylphthalate	13.44	149	708551	47.83	ng	89
80) Benzo(a)anthracene	14.01	228	1106504	37.11	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	250852	23.60	ng #	94
82) Chrysene	14.04	228	1030498	36.91	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	929579	45.88	ng #	96
84) Di-n-octyl phthalate	14.60	149	1536541	46.57	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	878888	40.64	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1042801m	44.07	ng	
88) Benzo(k)fluoranthene	15.06	252	901616m	44.13	ng	
89) Benzo(a)pyrene	15.39	252	923459	45.11	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	741441	44.82	ng	96
91) Benzo(g,h,i)perylene	17.28	276	757976	45.35	ng #	91

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

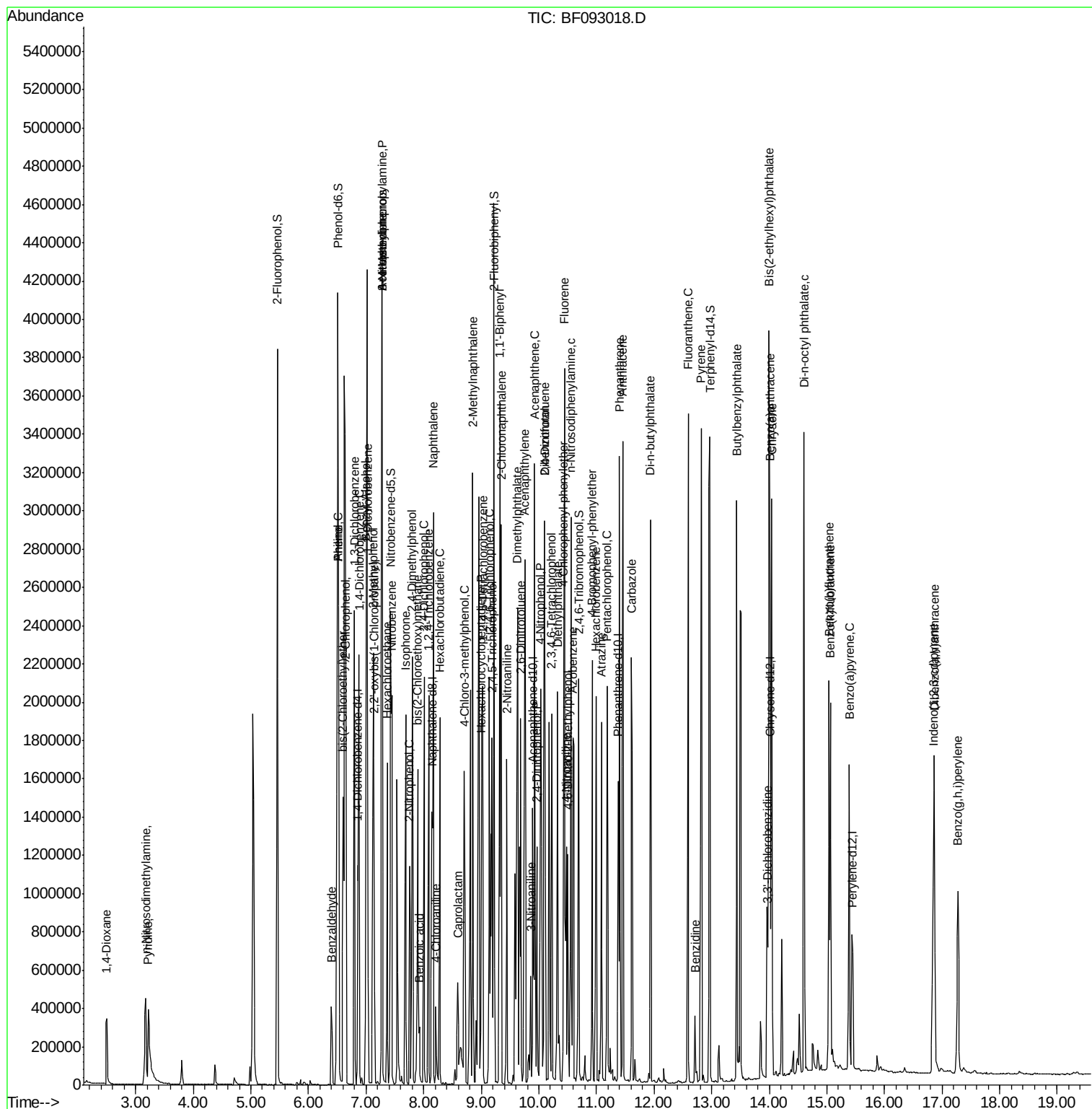
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
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Operator  : SJ/MA
Sample    : I1879-05MS
Misc      :
ALS Vial  : 15      Sample Multiplier: 1
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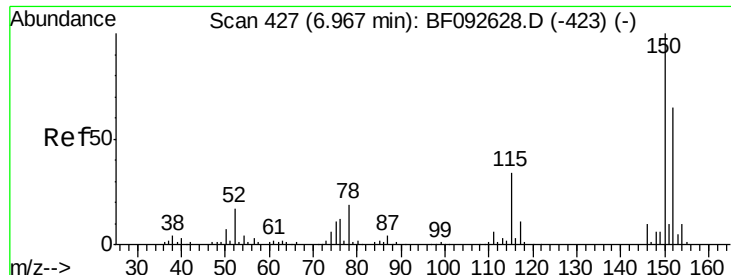
Instrument :
BNA_F
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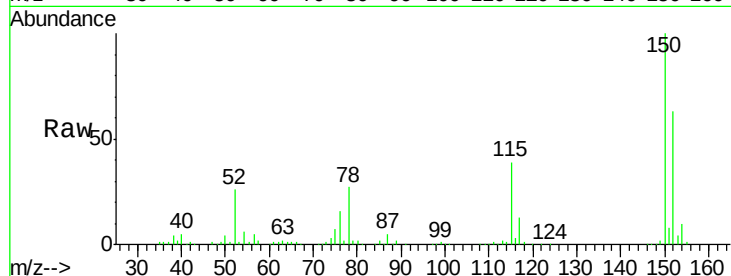




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

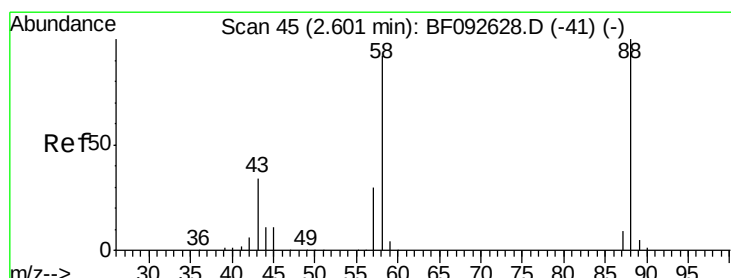
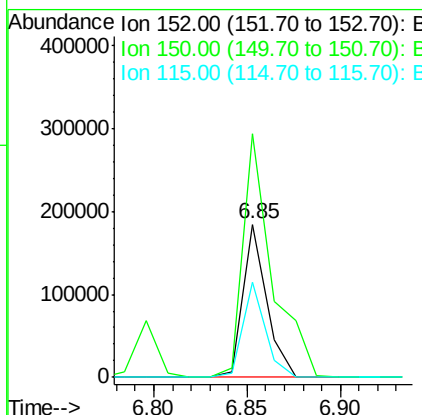
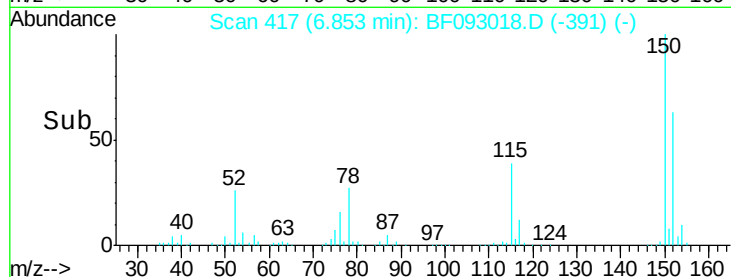
Instrument :
BNA_F
ClientSampleId :
M-3MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.9	187.3
115	62.7	46.0	69.0

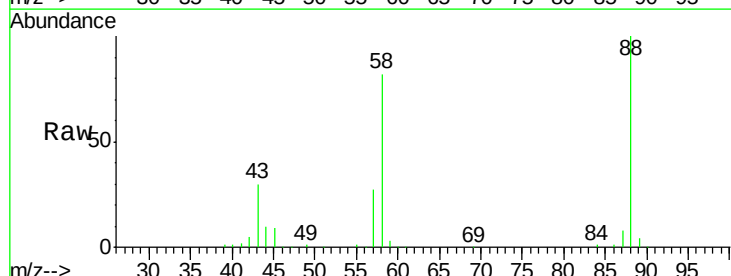
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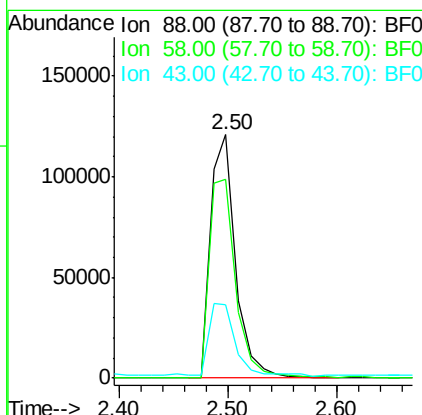
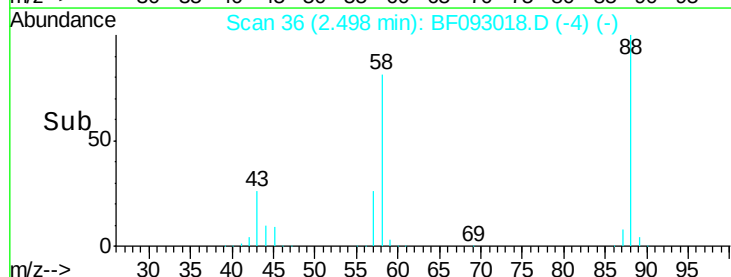


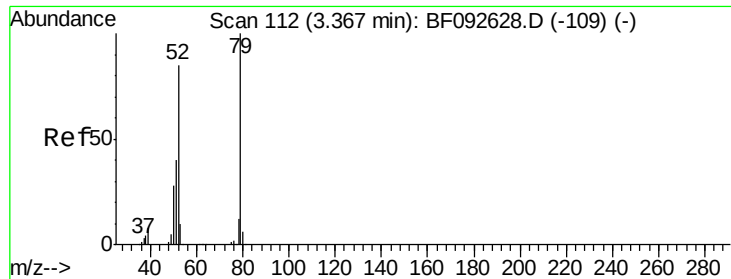
#2

1,4-Dioxane
Concen: 38.03 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.07 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47



Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	57.8	86.8#
43	31.9	22.3	33.5





#3

Pyridine

Concen: 25.59 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

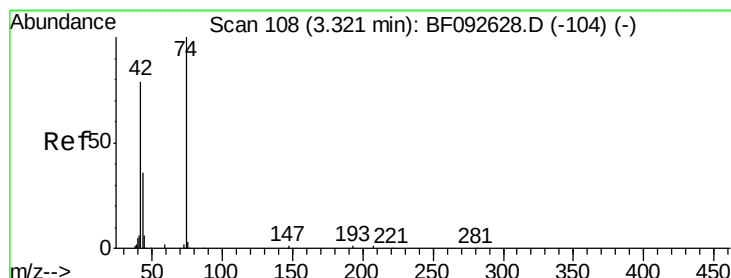
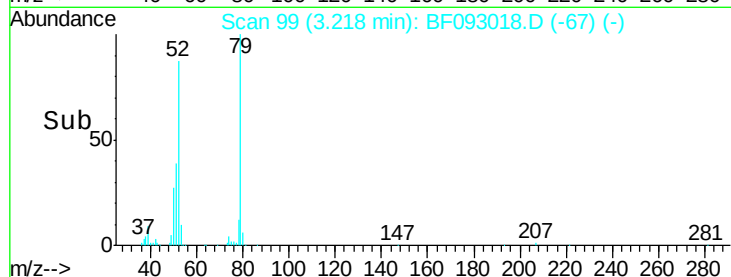
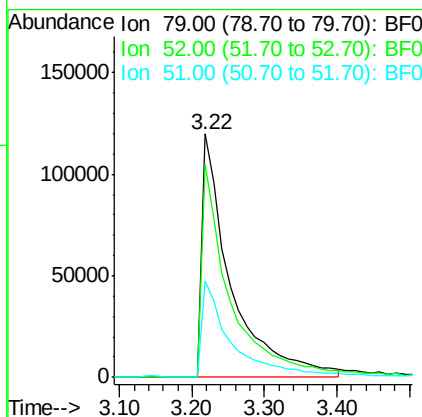
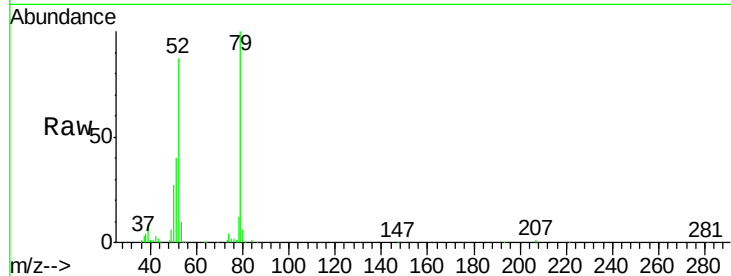
ClientSampleId :

M-3MS

Tgt Ion:	79	Resp:	333554
Ion	Ratio	Lower	Upper
79	100		
52	87.2	57.1	85.7#
51	39.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.38 ng

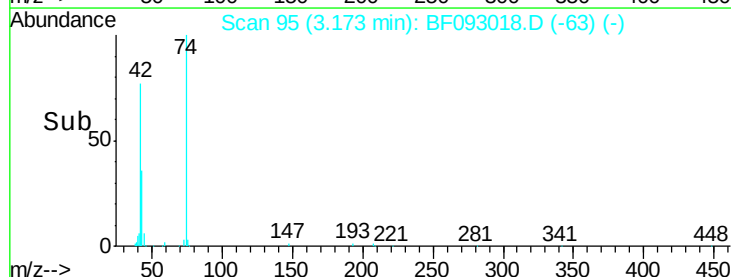
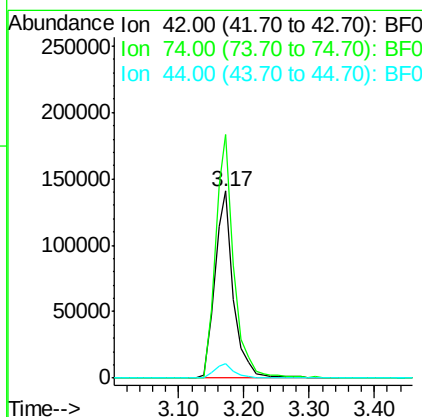
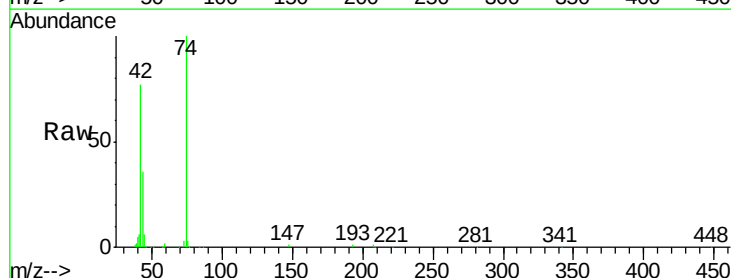
RT: 3.17 min Scan# 95

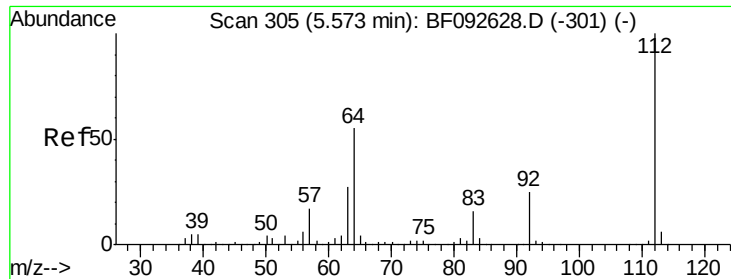
Delta R.T. 0.07 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion:	42	Resp:	283828
Ion	Ratio	Lower	Upper
42	100		
74	130.0	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 152.55 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

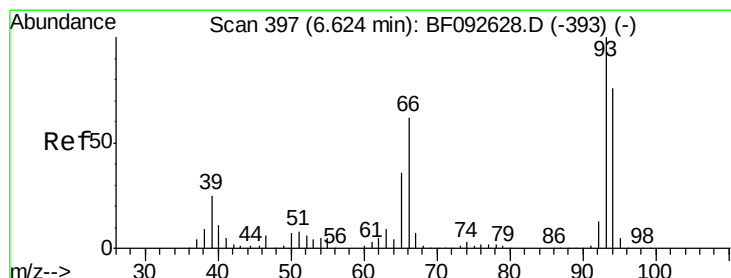
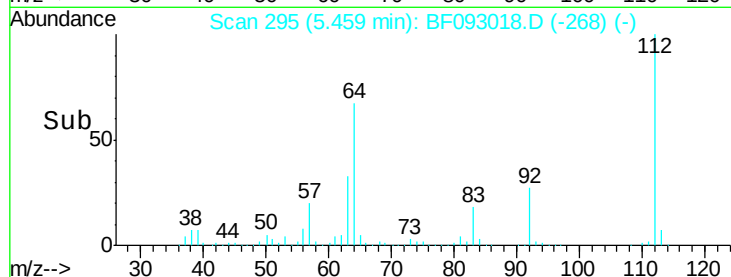
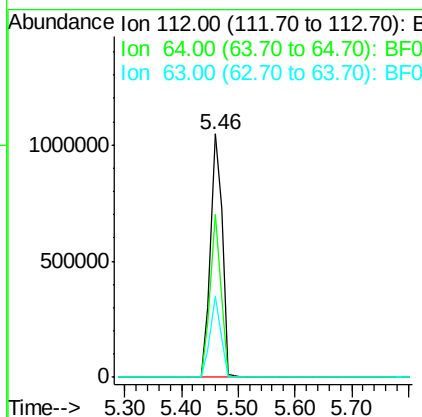
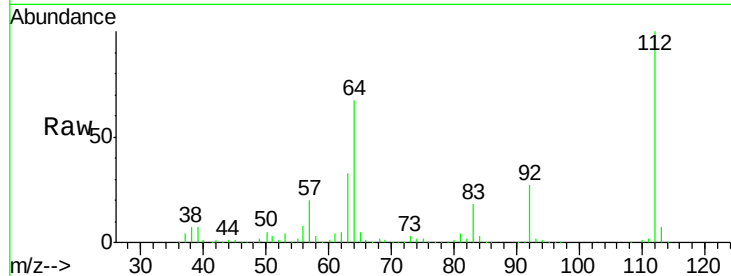
ClientSampleId :

M-3MS

Tgt Ion:	112	Resp:	1446980
Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.1	69.1
63	33.1	23.8	35.6

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#6

Aniline

Concen: 17.87 ng

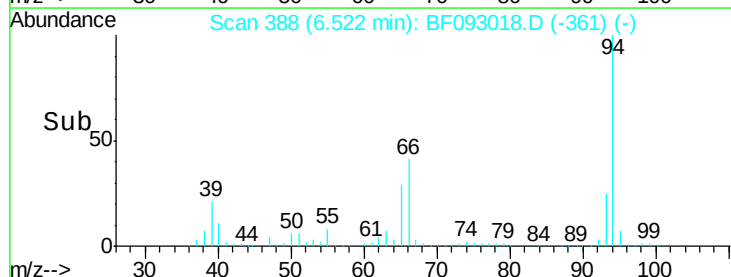
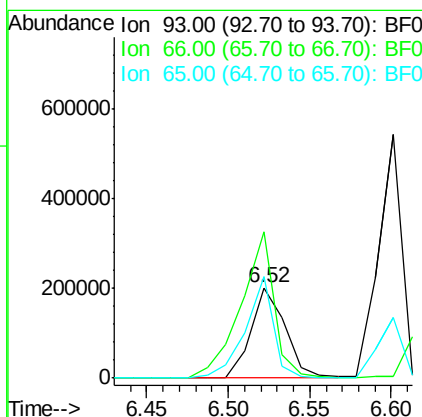
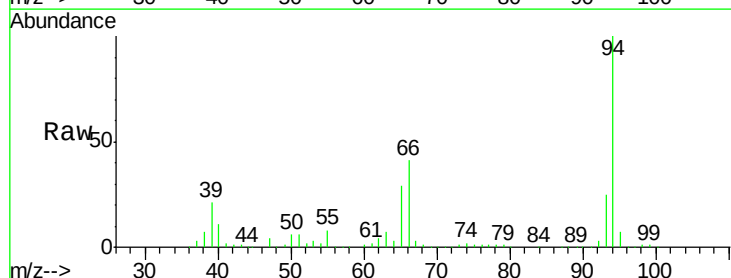
RT: 6.52 min Scan# 388

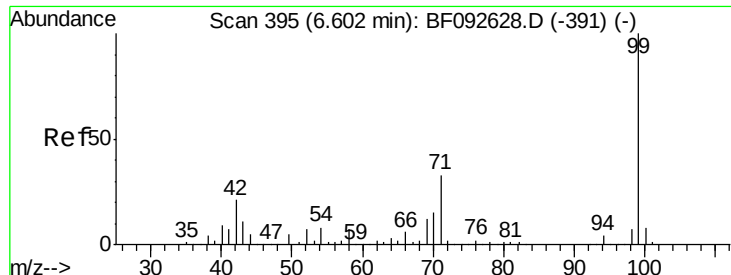
Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion:	93	Resp:	297441
Ion	Ratio	Lower	Upper
93	100		
66	162.2	76.2	114.2#
65	112.9	49.3	73.9#





#7

Phenol-d6

Concen: 158.44 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

Tgt Ion: 99 Resp: 1933675

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

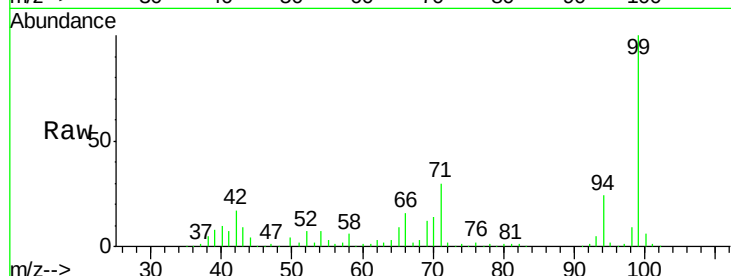
71 30.3 27.5 41.3

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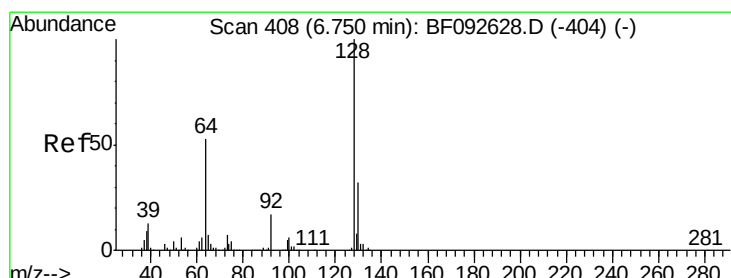
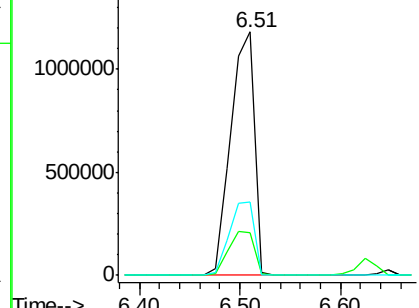
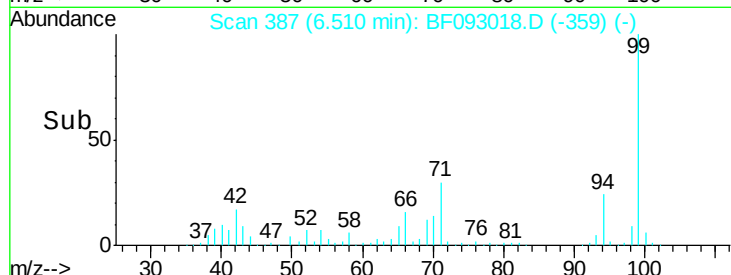
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 47.95 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

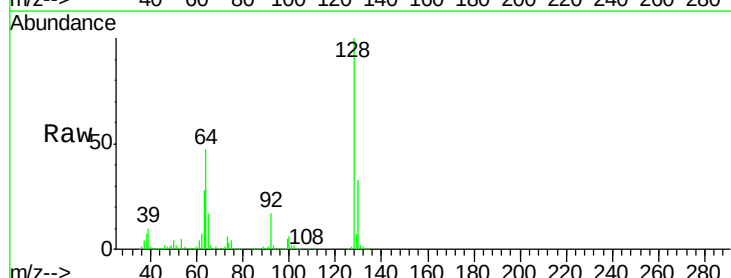
Tgt Ion: 128 Resp: 501778

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

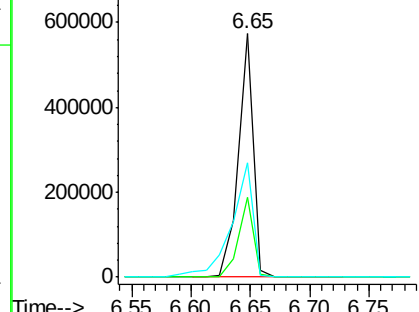
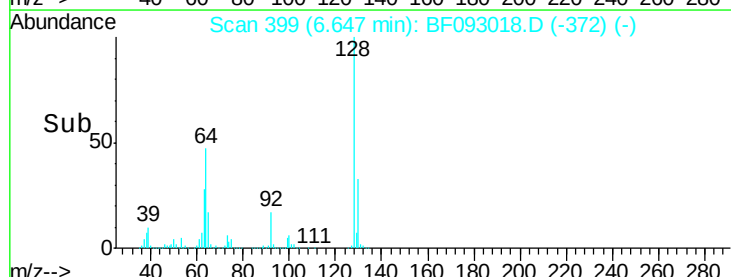
64 47.0 32.2 72.2

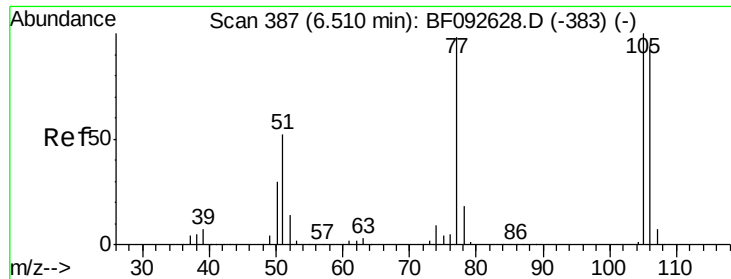


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.40 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

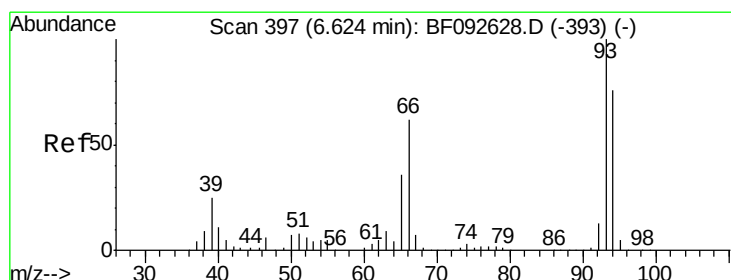
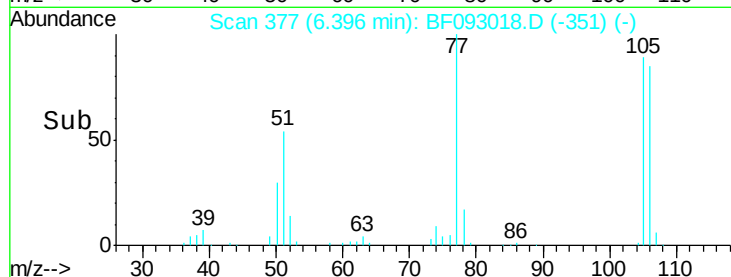
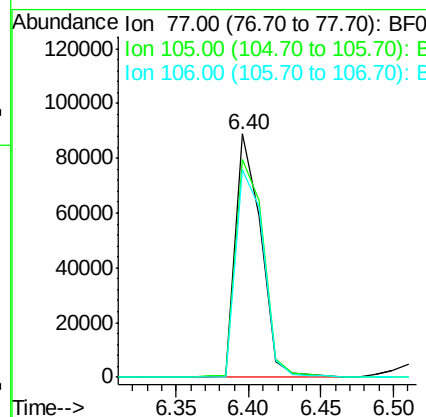
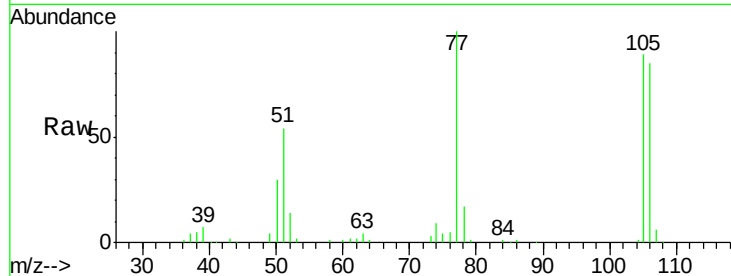
ClientSampleId :

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Tgt Ion:	77	Resp:	108421
Ion	Ratio	Lower	Upper
77	100		
105	89.3	83.9	123.9
106	85.1	77.6	117.6

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#10

Phenol

Concen: 55.47 ng

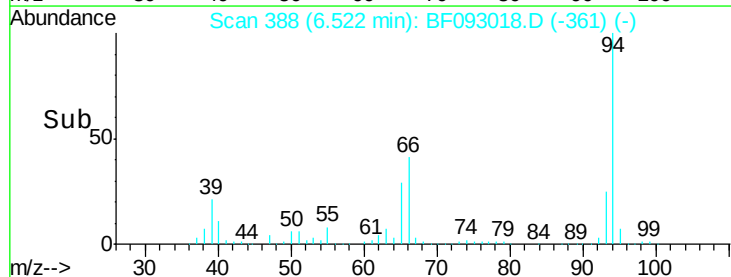
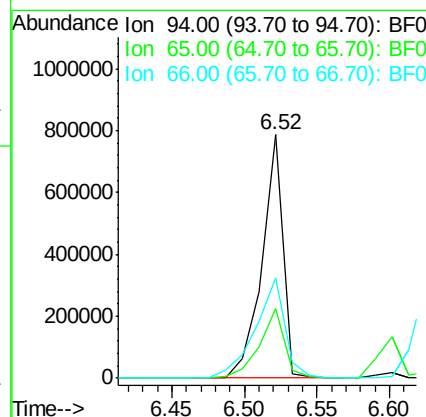
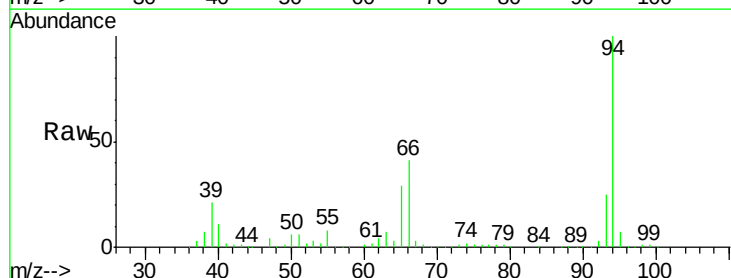
RT: 6.52 min Scan# 388

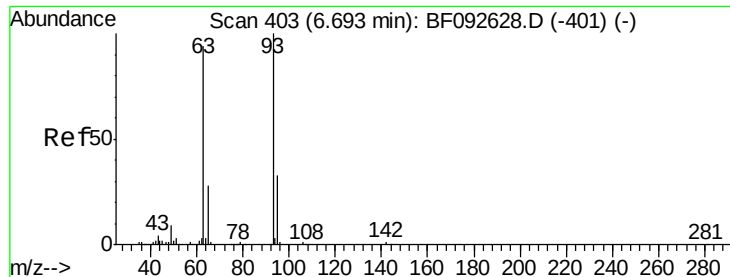
Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion:	94	Resp:	792091
Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.4	61.4
66	41.4	44.0	84.0#





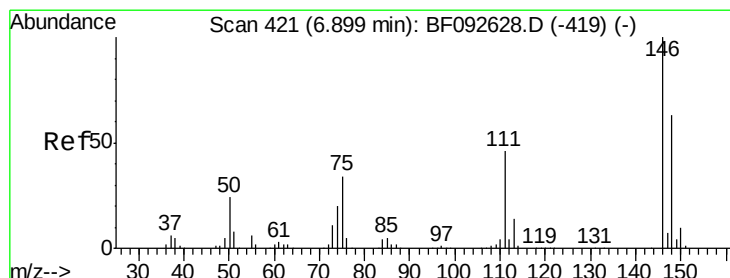
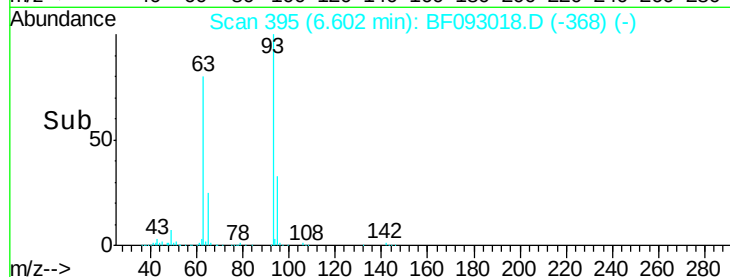
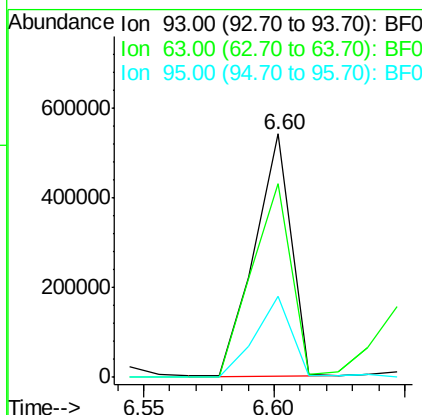
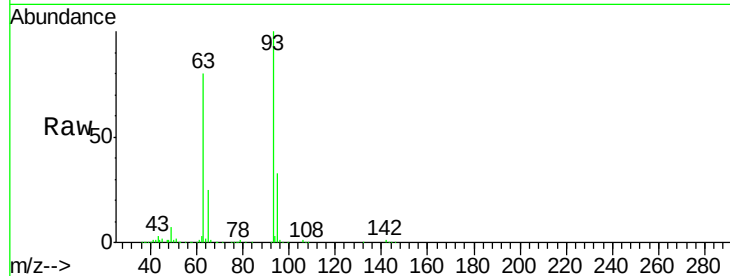
#11
bis(2-Chloroethyl)ether
Concen: 46.28 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.8	60.4	100.4
95	33.4	12.8	52.8

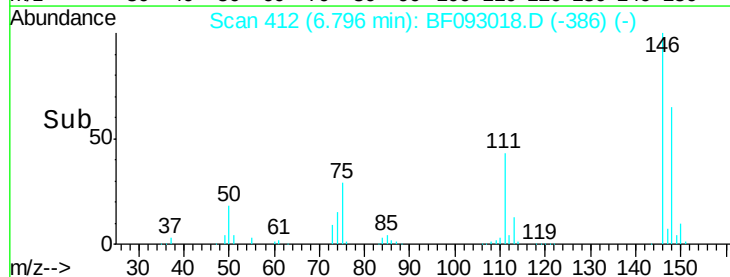
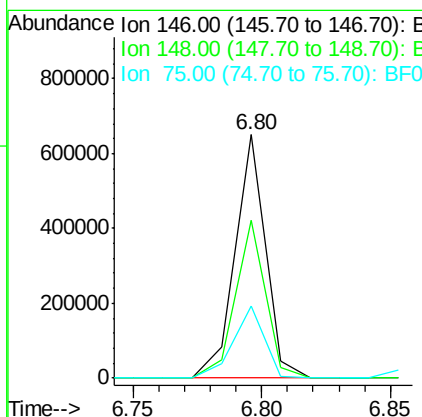
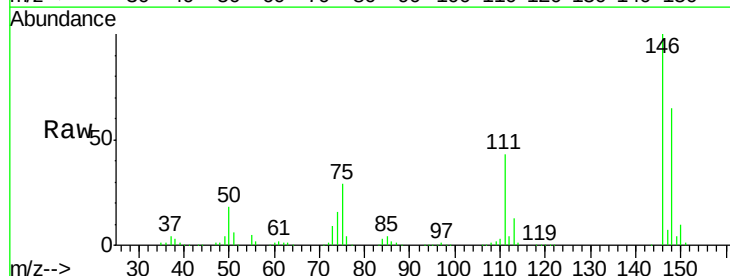
Manual Integrations
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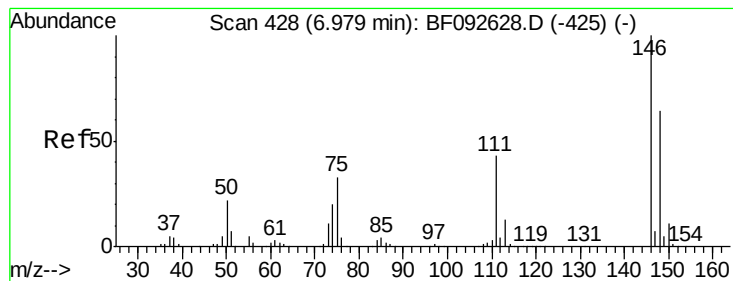
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.68 ng m
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	53.4	80.0
75	29.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 45.55 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

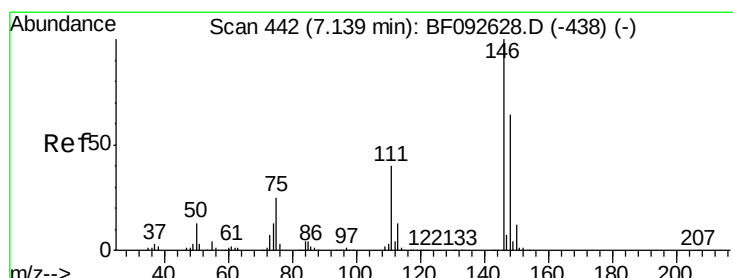
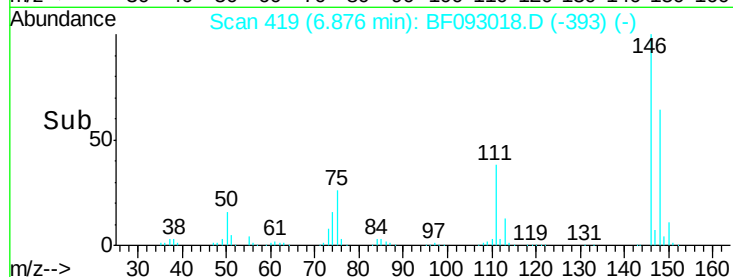
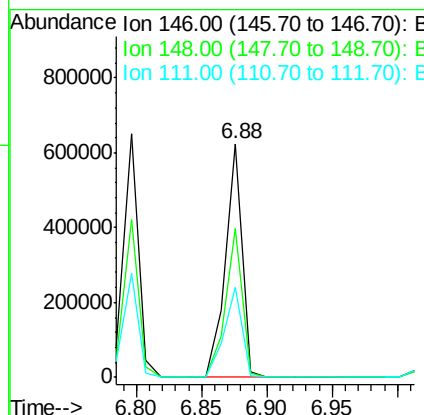
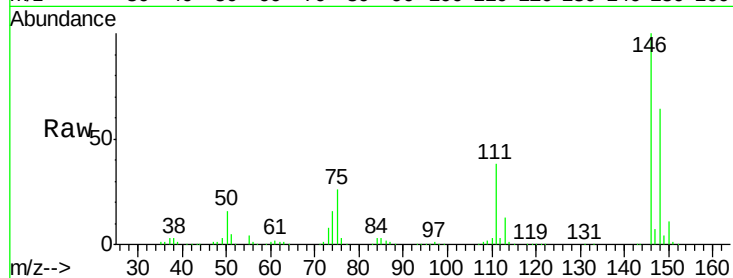
ClientSampled :

M-3MS

Tgt Ion:	146	Resp:	565064
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	38.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.83 ng

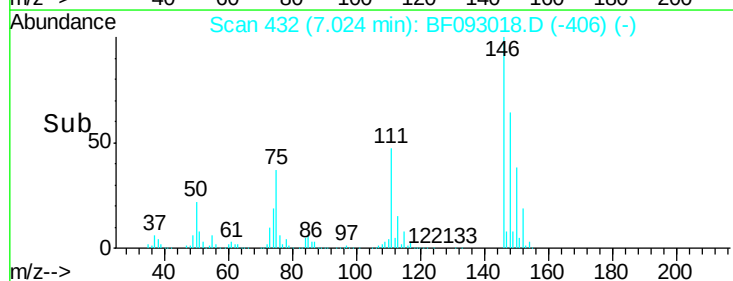
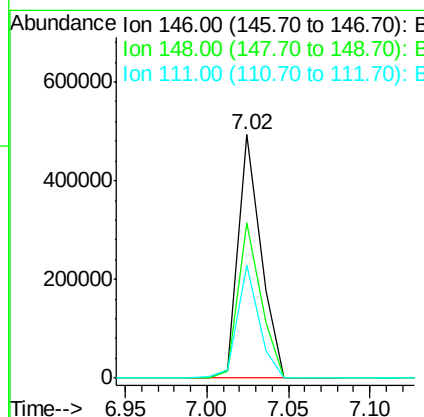
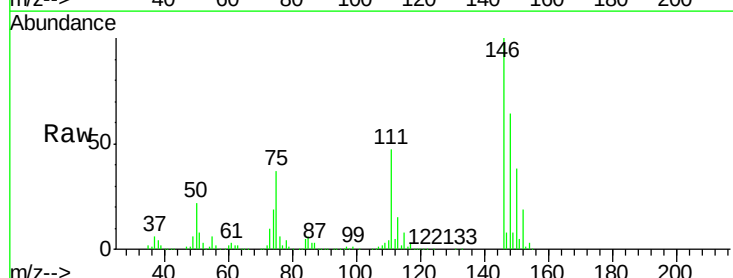
RT: 7.02 min Scan# 432

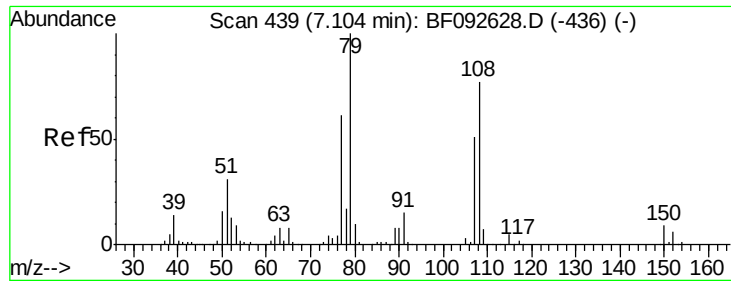
Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion:	146	Resp:	472502
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	46.5	36.2	54.2





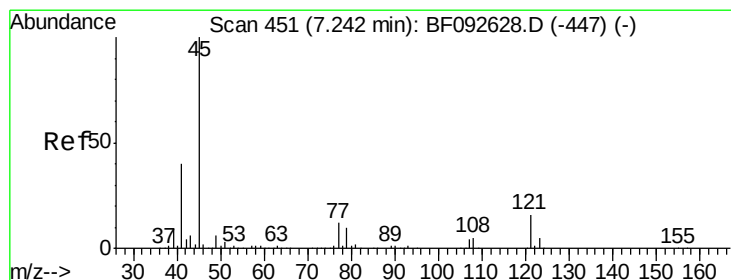
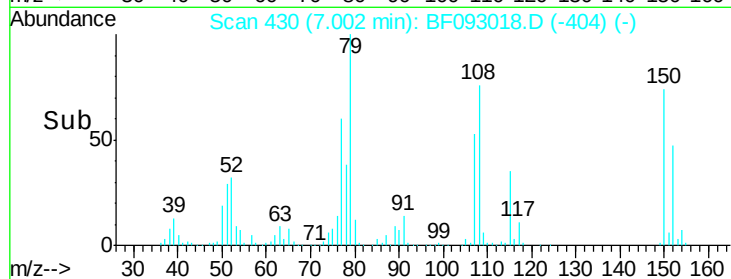
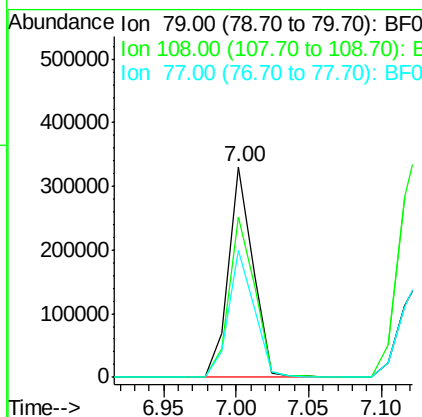
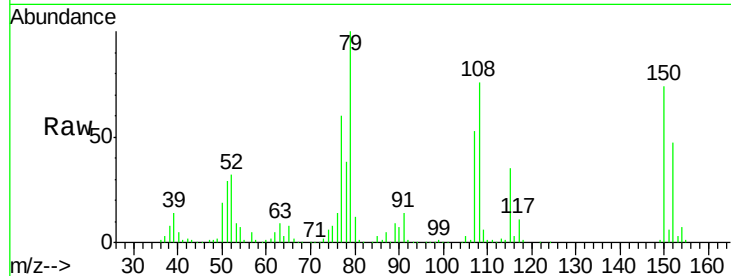
#15
Benzyl Alcohol
Concen: 43.40 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion: 79 Resp: 392089
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 60.2 50.9 76.3

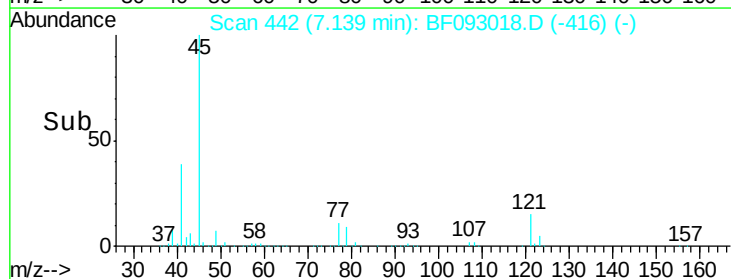
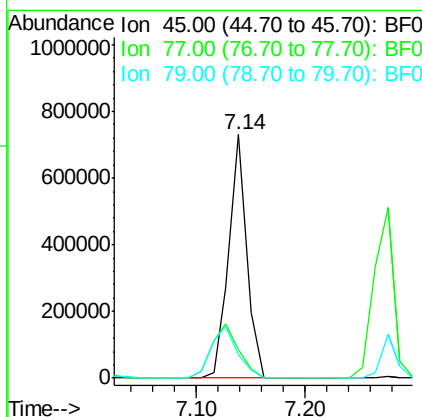
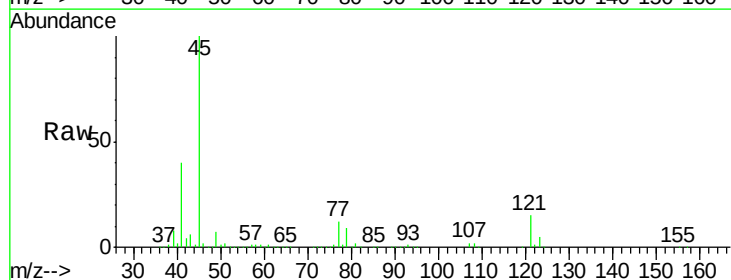
Manual Integrations
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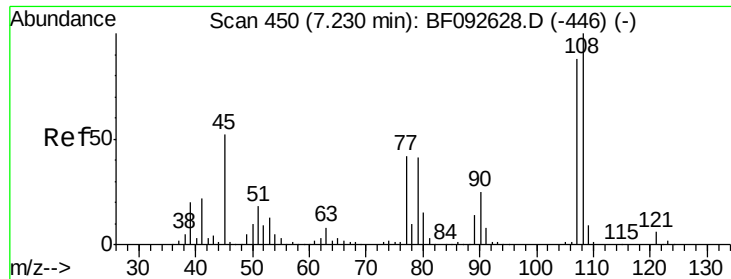
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.20 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion: 45 Resp: 835505
Ion Ratio Lower Upper
45 100
77 11.5 0.0 34.6
79 9.5 0.0 31.2





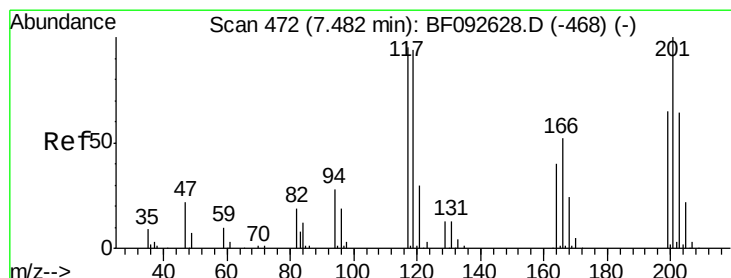
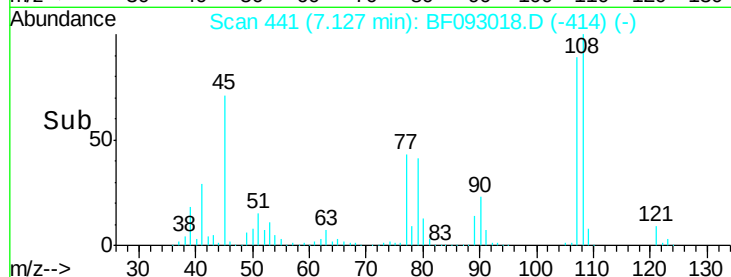
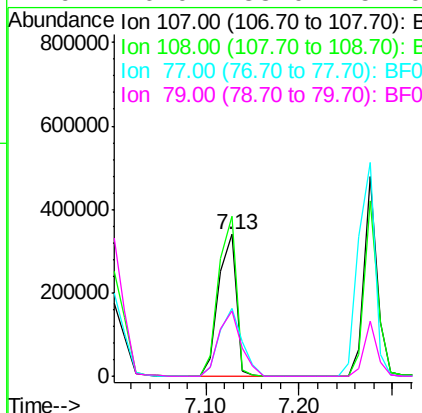
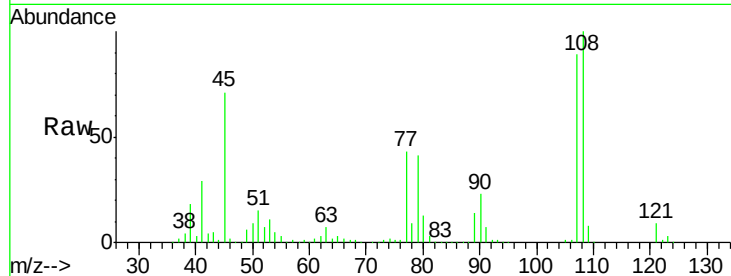
#17
2-Methylphenol
Concen: 49.88 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	447776		
108	112.7	93.0	139.6	
77	48.3	39.8	59.8	
79	46.0	38.0	57.0	

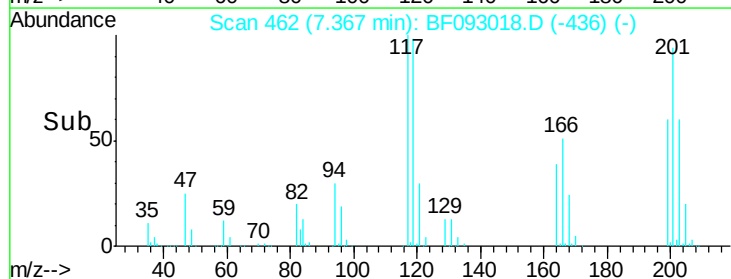
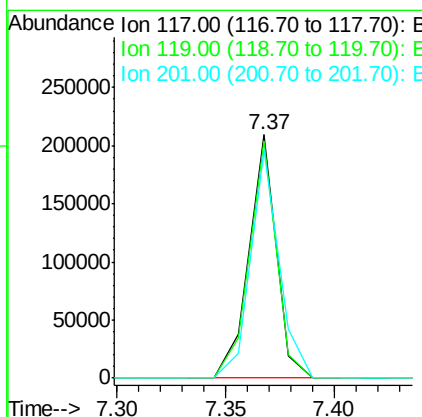
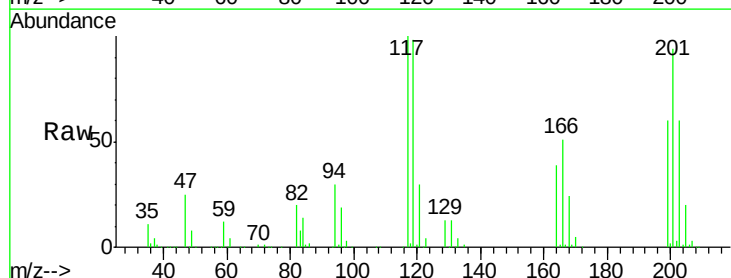
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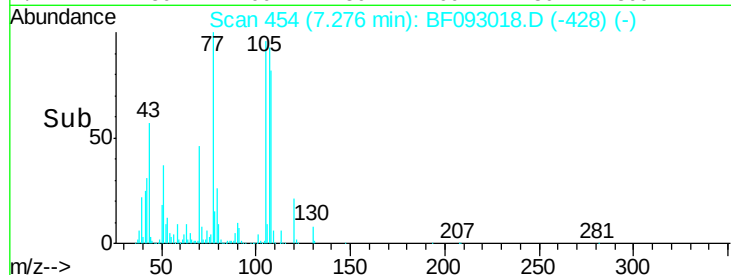
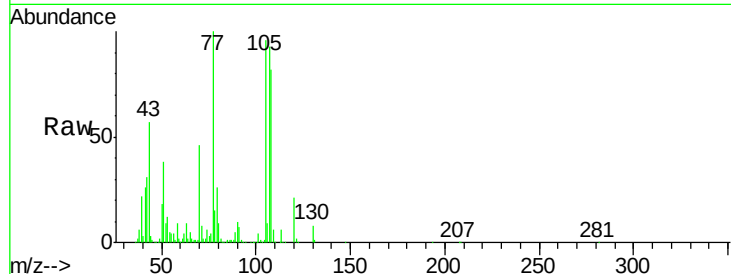
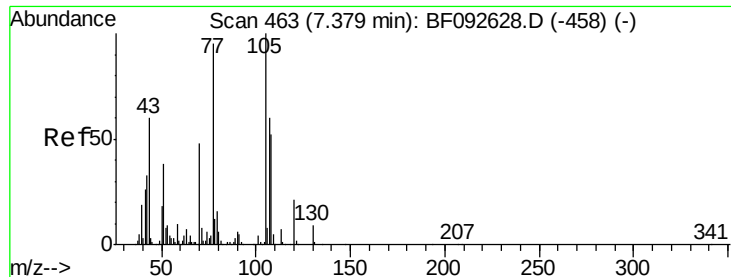
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#18
Hexachloroethane
Concen: 43.24 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183096		
119	97.6	78.1	117.1	
201	93.8	78.6	117.8	





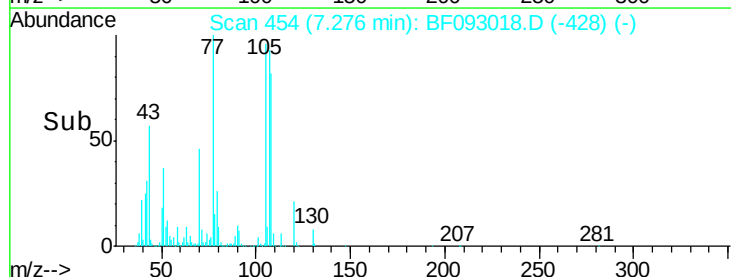
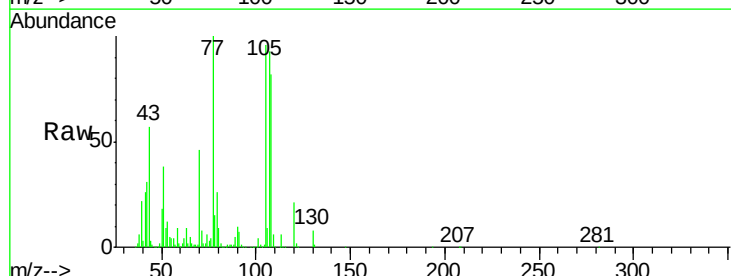
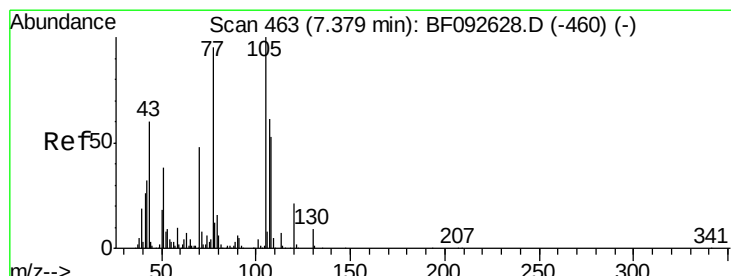
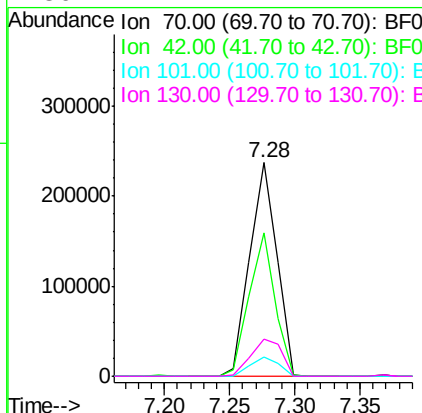
#19
n-Nitroso-di-n-propylamine
Concen: 44.23 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.1	49.4	74.0
101	8.8	7.4	11.2
130	17.2	14.2	21.4

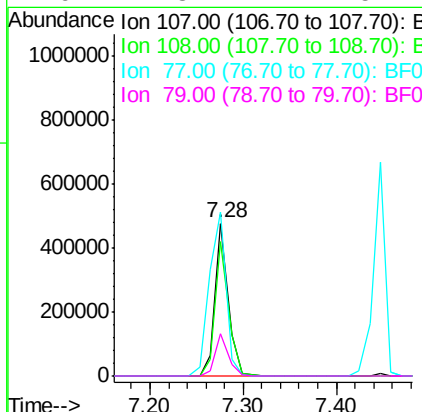
Manual Integrations
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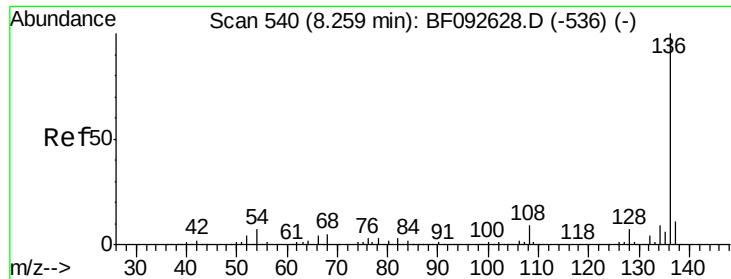
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#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	107.2	71.3	111.3
79	27.8	11.1	51.1





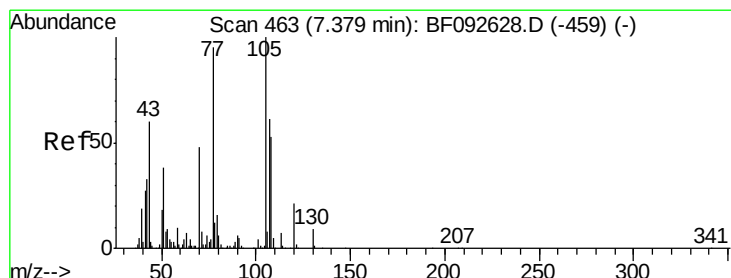
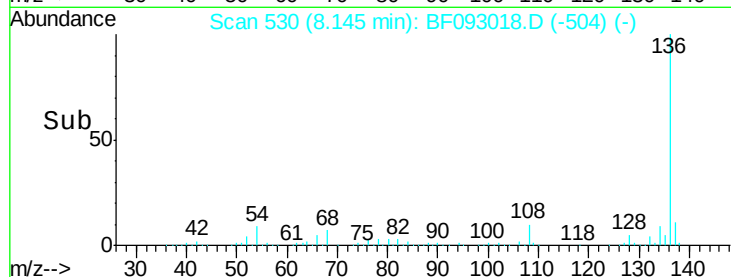
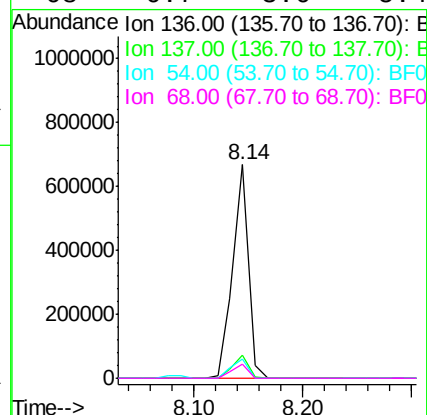
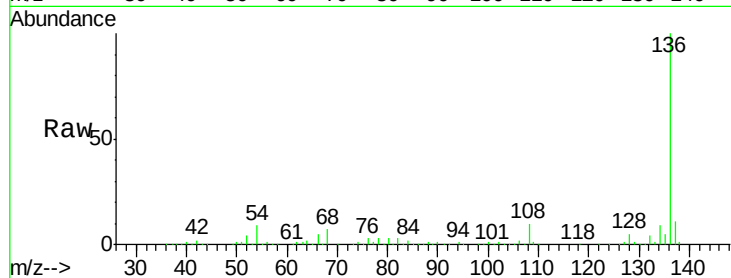
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	664708		
137	11.0	8.4	12.6	
54	9.3	4.5	6.7#	
68	6.7	3.6	5.4#	

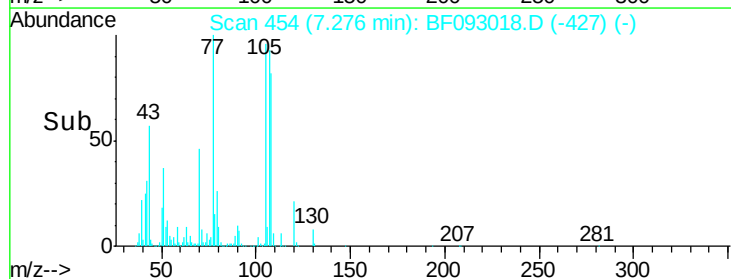
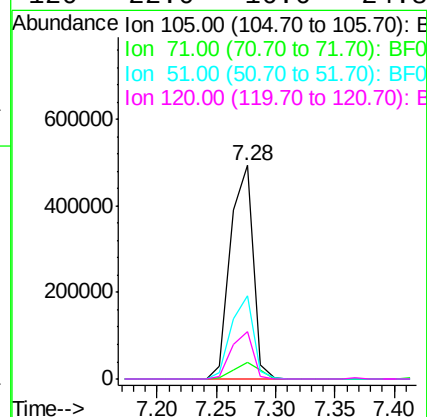
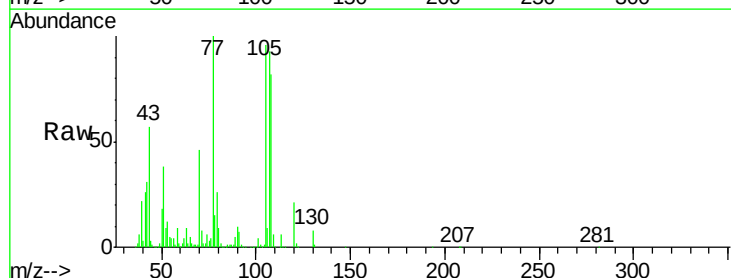
Manual Integrations
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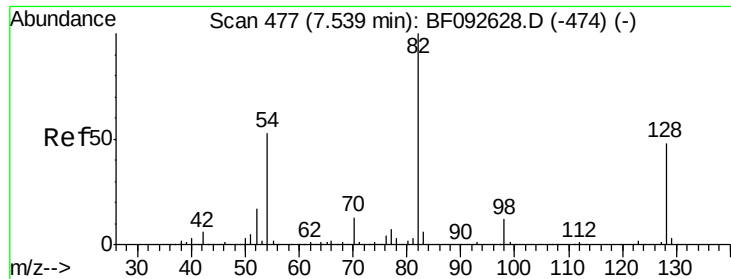
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#22
Acetophenone
Concen: 43.04 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	653197		
71	8.1	3.2	4.8#	
51	38.9	26.2	39.4	
120	22.0	16.6	24.8	





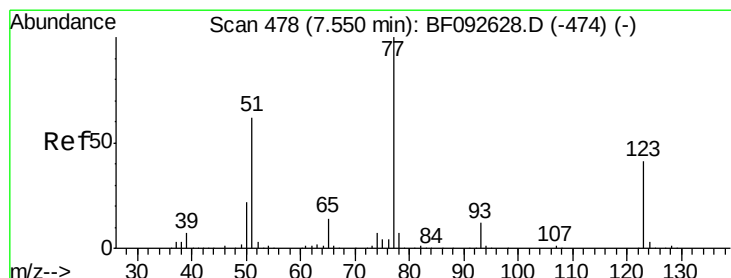
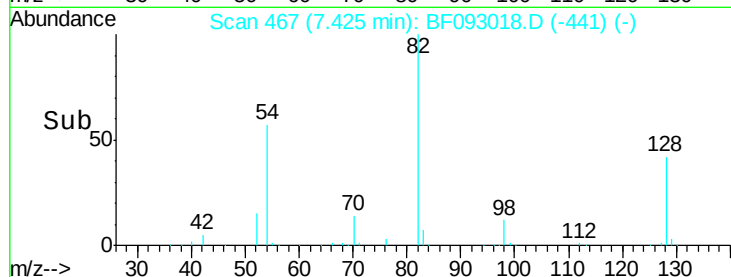
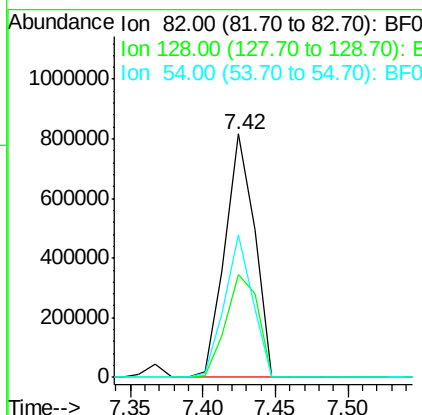
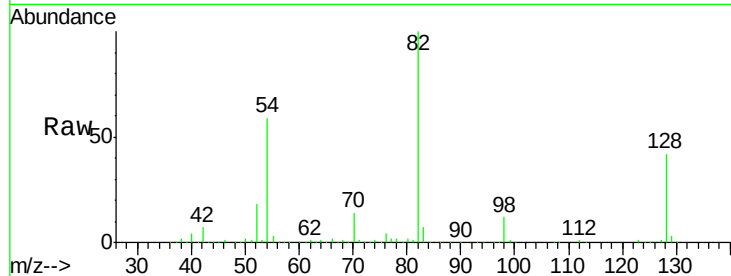
#23
 Nitrobenzene-d5
 Concen: 97.19 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion: 82 Resp: 1160082
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 52.0
 54 58.6 39.5 59.3

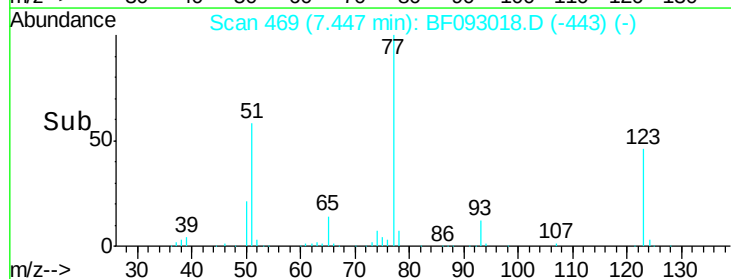
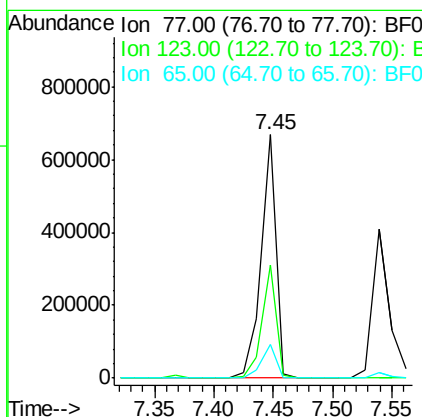
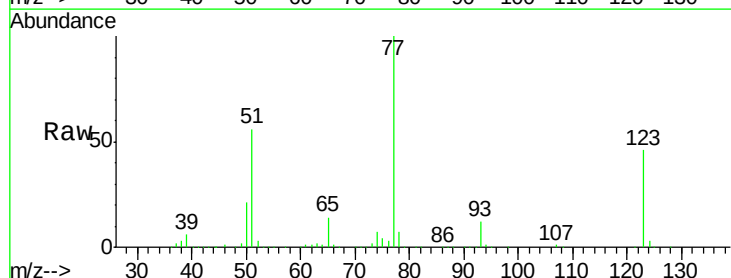
Manual Integrations
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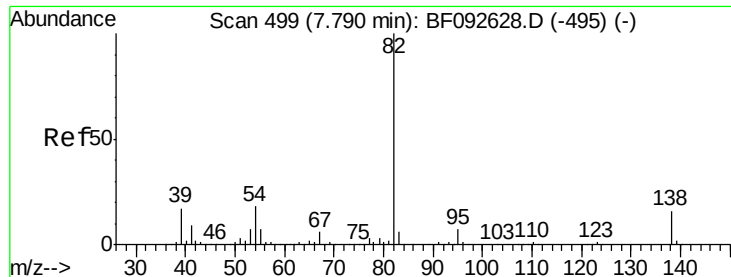
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#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion: 77 Resp: 590163
 Ion Ratio Lower Upper
 77 100
 123 46.5 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 46.39 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

Tgt Ion: 82 Resp: 1031866

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

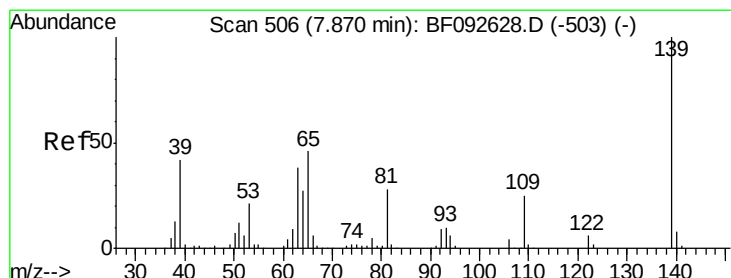
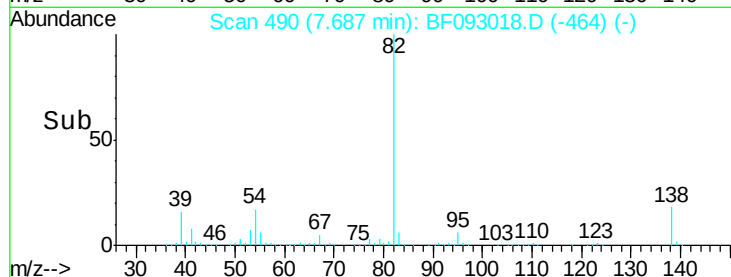
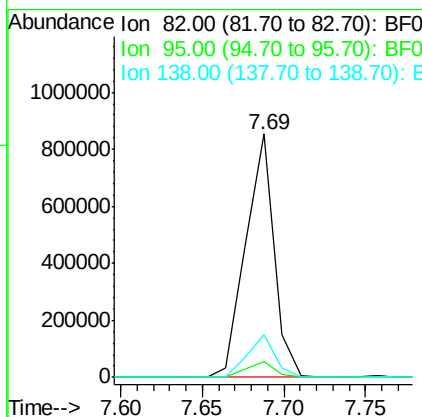
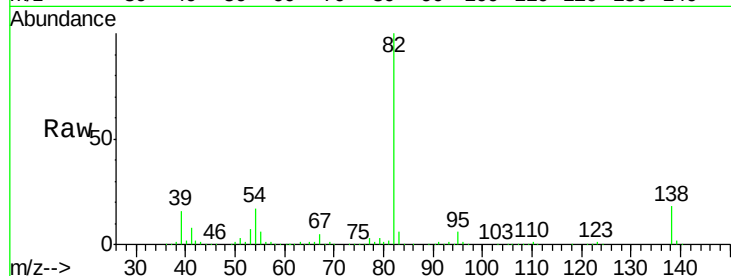
138 17.6 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.51 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

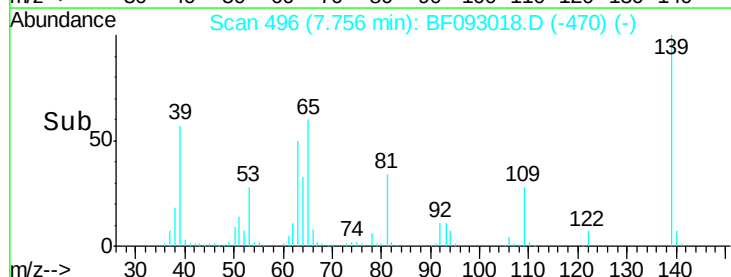
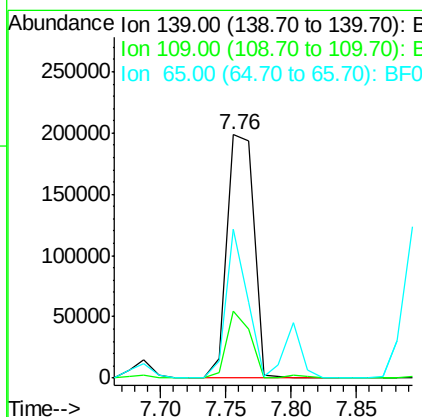
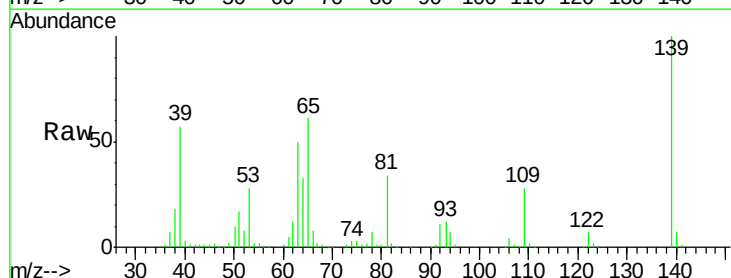
Tgt Ion: 139 Resp: 282644

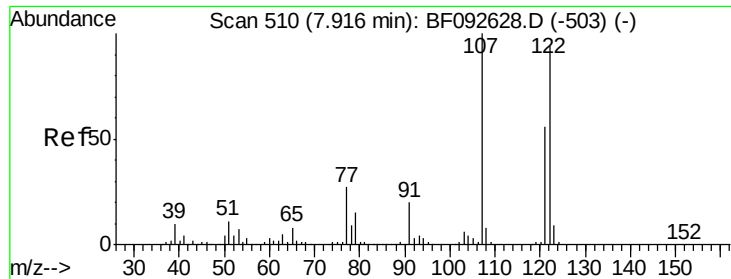
Ion Ratio Lower Upper

139 100

109 27.7 23.3 34.9

65 61.1 42.7 64.1





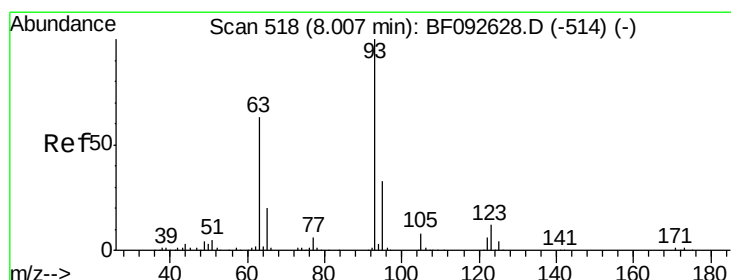
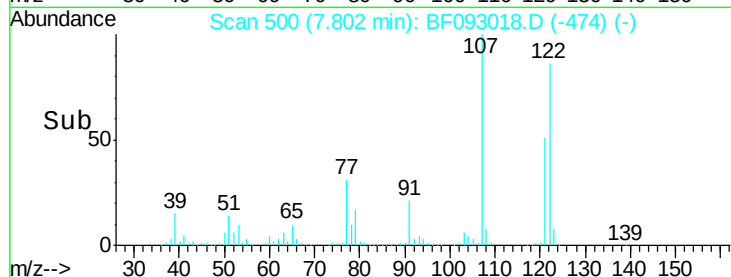
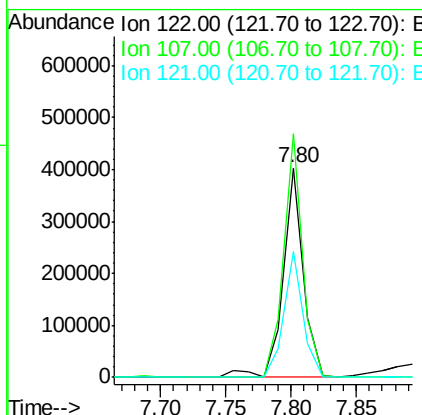
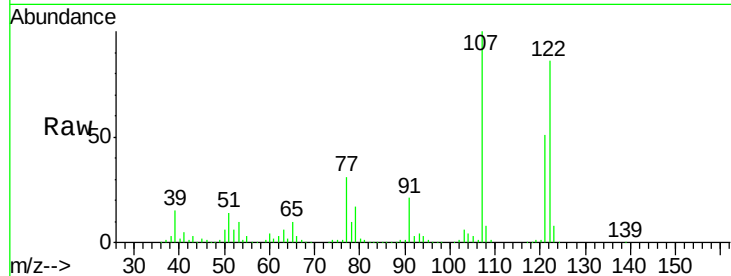
#27
2,4-Dimethylphenol
Concen: 43.08 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	94.1	141.1
121	59.8	46.0	69.0

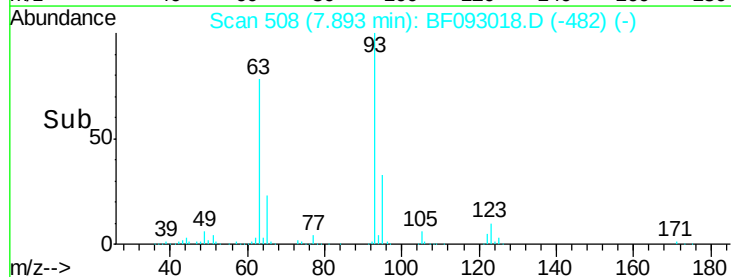
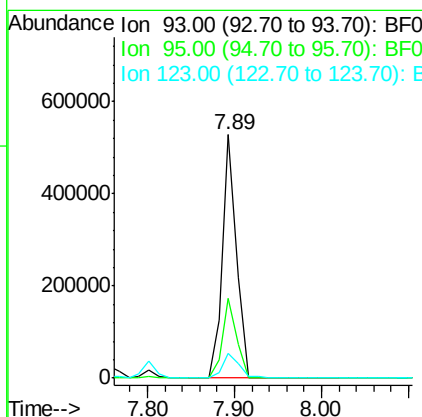
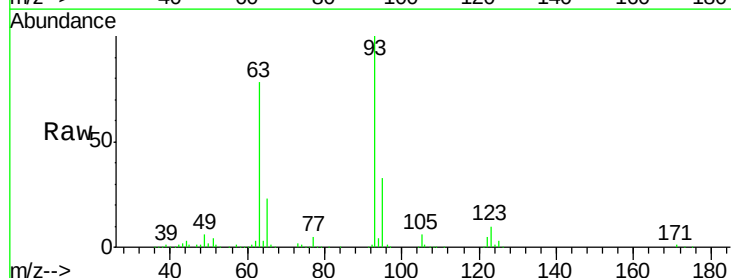
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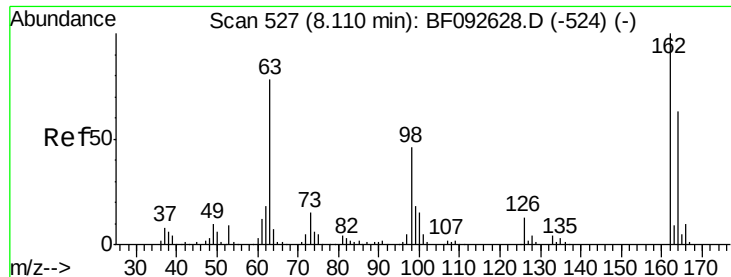
mohammad
2/20/2017 12:59:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.86 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.1	8.6	13.0





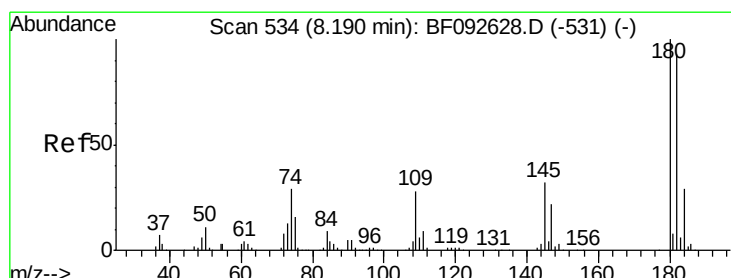
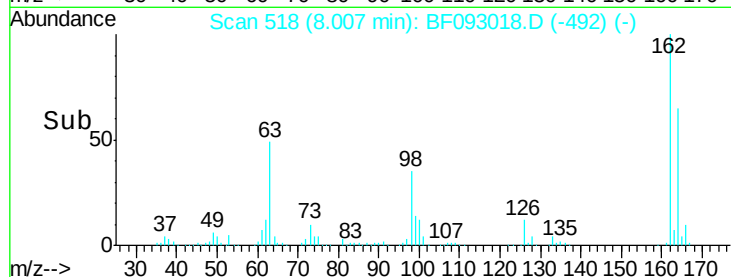
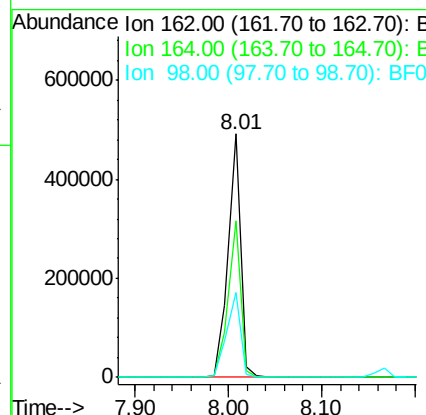
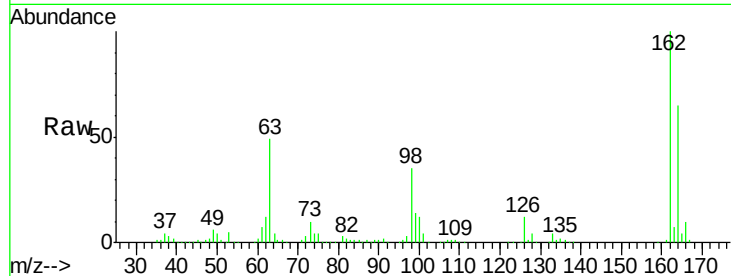
#29
2,4-Dichlorophenol
Concen: 48.08 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	458839		
164	64.5	46.8	86.8	
98	35.1	9.1	49.1	

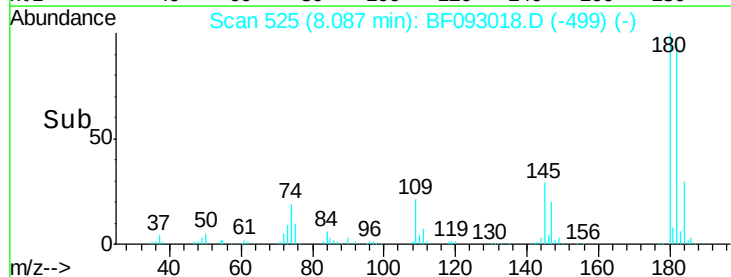
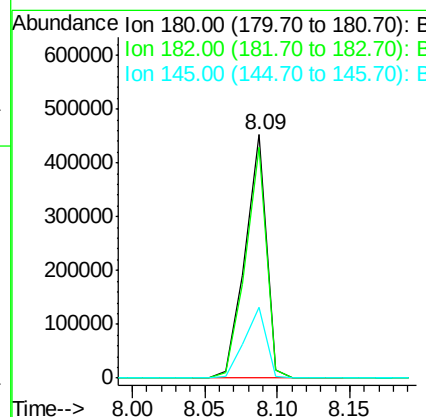
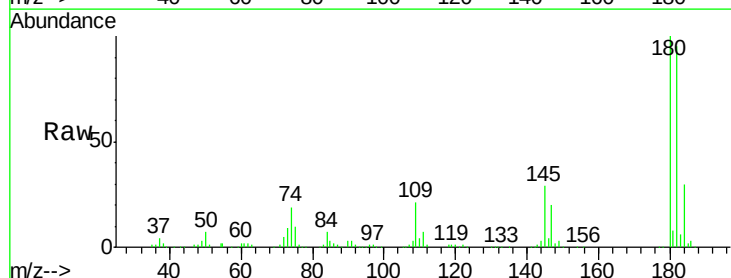
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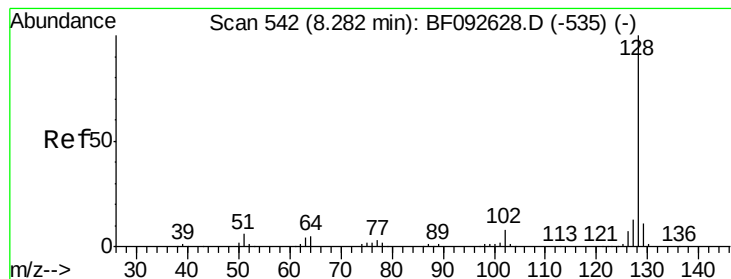
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#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	460166		
182	94.9	78.2	117.4	
145	28.8	21.6	32.4	





#31

Naphthalene

Concen: 42.86 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

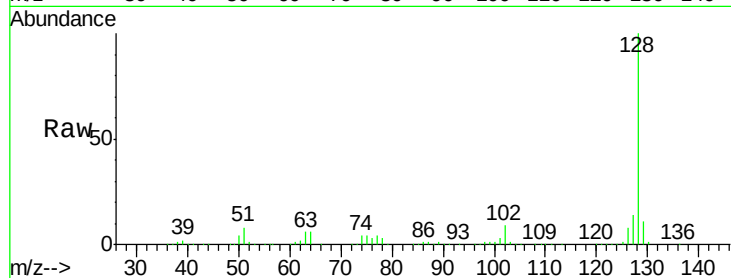
ClientSampled :

M-3MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.6	10.8	16.2

Manual Integrations
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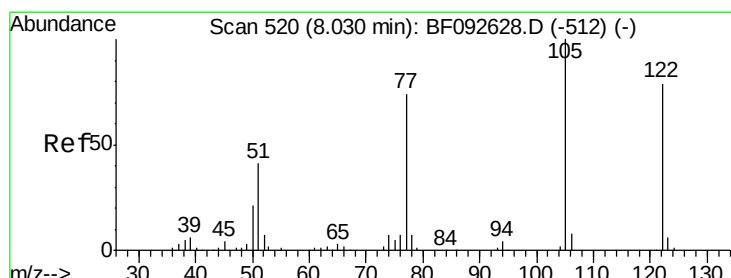
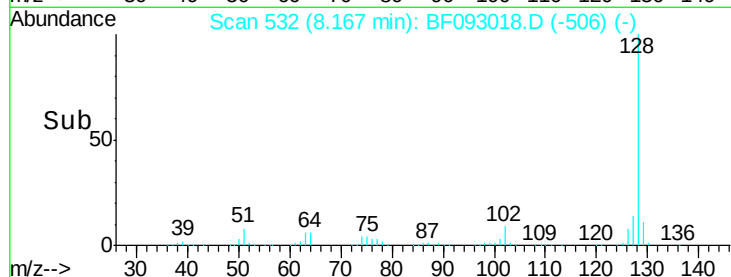
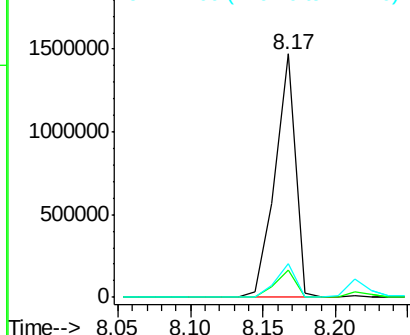
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.99 ng

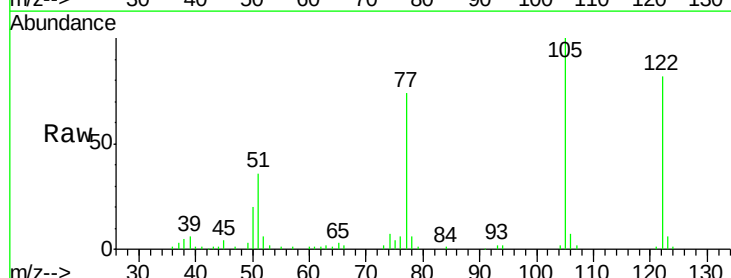
RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

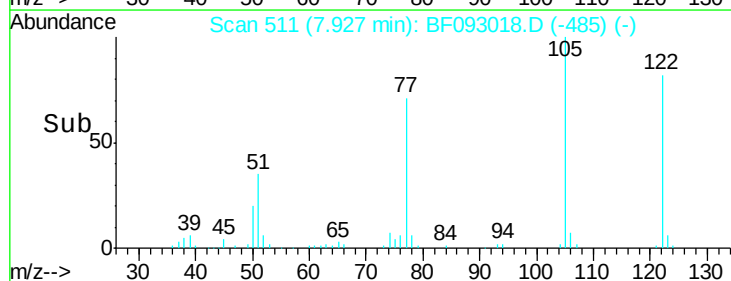
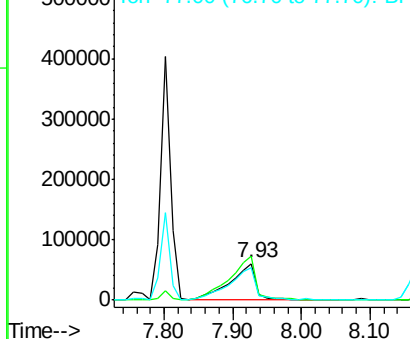
Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	107.2	147.2
77	90.6	74.5	114.5

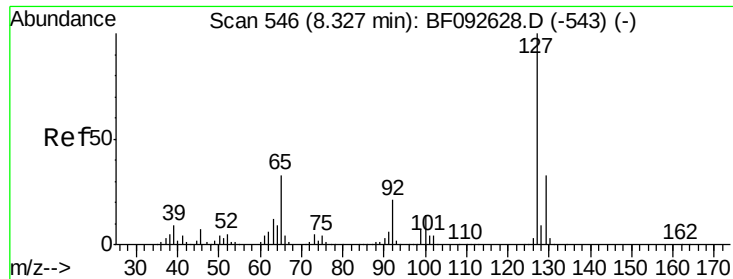


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





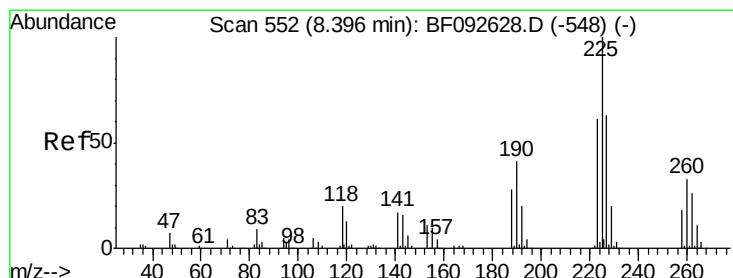
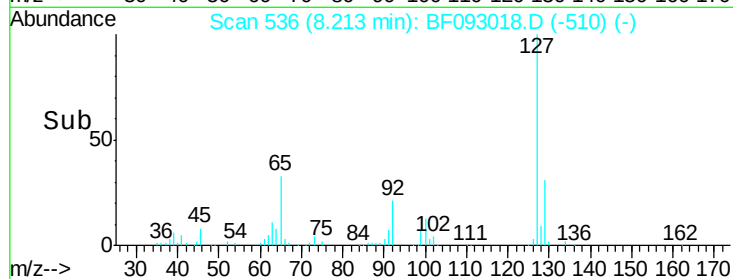
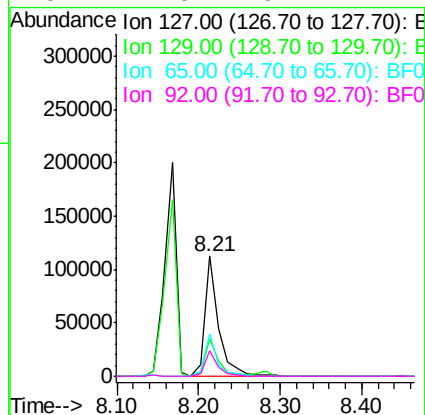
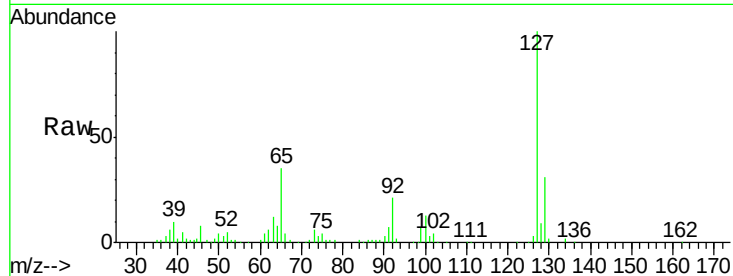
#33
4-Chloroaniline
Concen: 10.17 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	134345		
129	30.5	26.3	39.5	
65	34.8	25.8	38.8	
92	21.0	16.1	24.1	

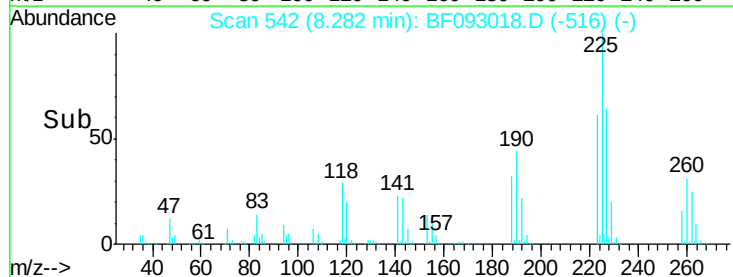
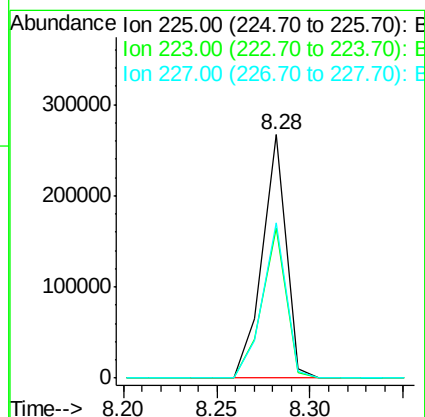
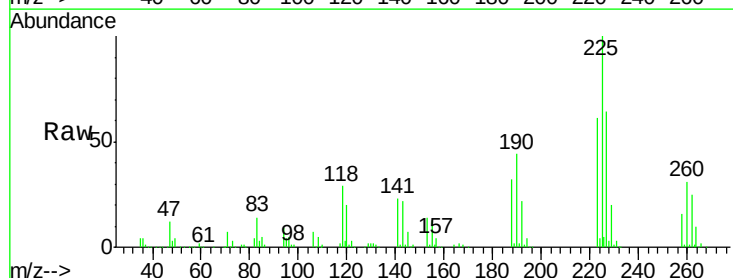
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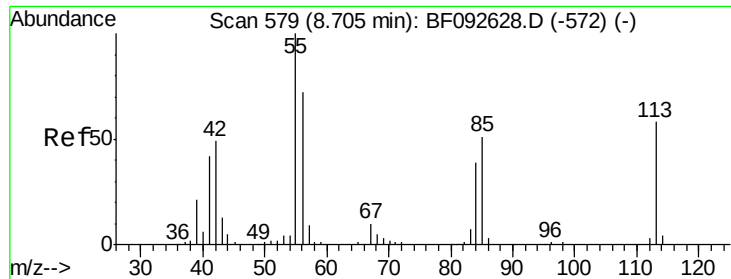
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#34
Hexachlorobutadiene
Concen: 41.73 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	236093		
223	61.4	51.0	76.6	
227	63.7	50.6	76.0	





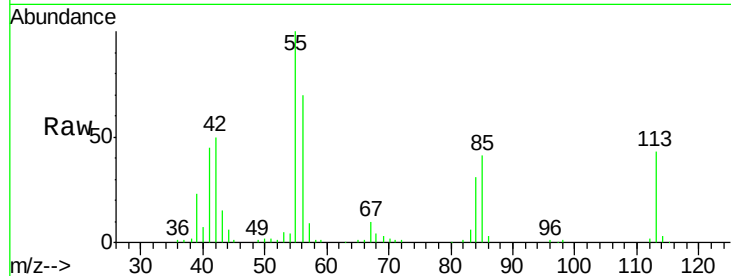
#35
 Caprolactam
 Concen: 45.22 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

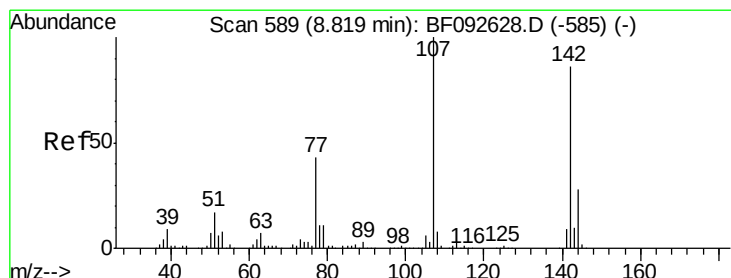
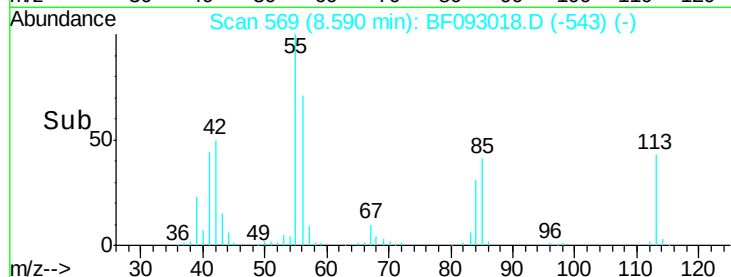
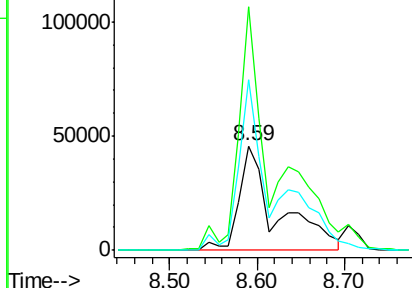
Tgt Ion:113 Resp: 135730
 Ion Ratio Lower Upper
 113 100
 55 233.7 119.2 159.2#
 56 164.4 83.8 123.8#

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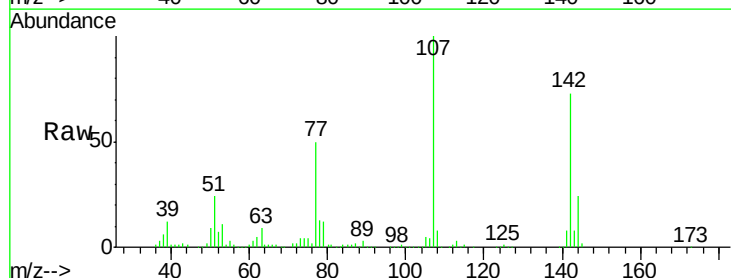


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

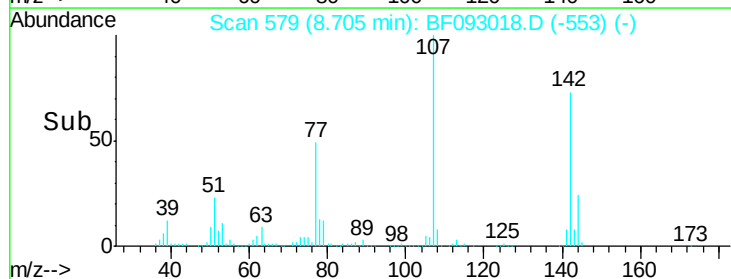
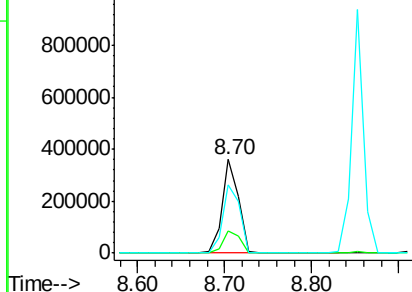


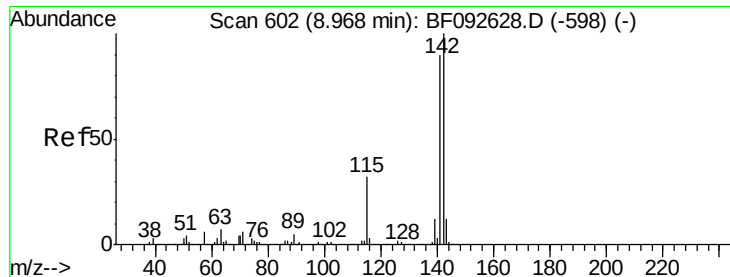
#36
 4-Chloro-3-methylphenol
 Concen: 47.34 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:107 Resp: 471028
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 73.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





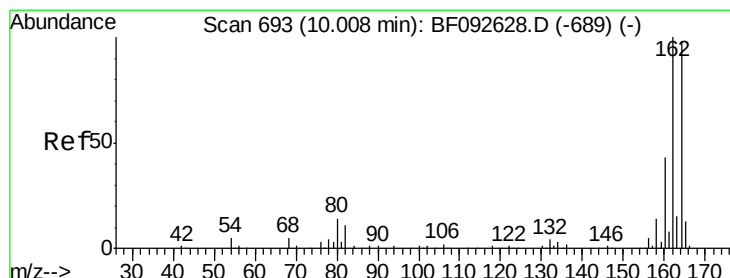
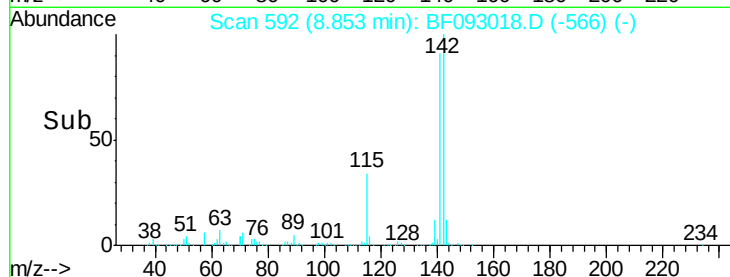
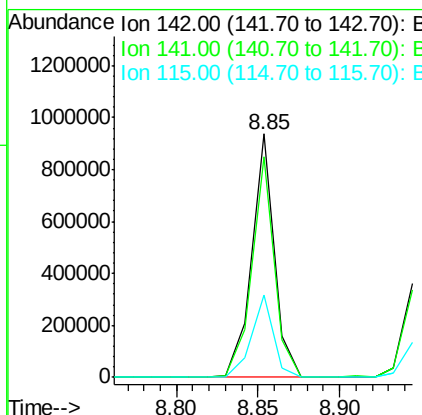
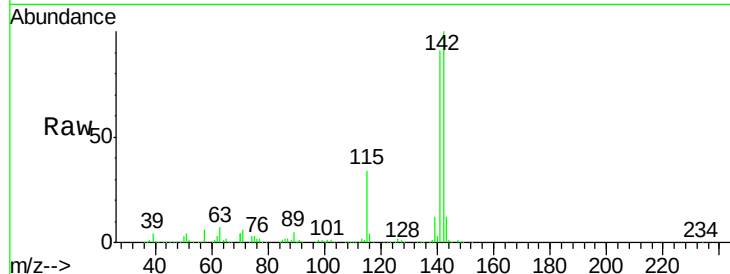
#37
2-Methylnaphthalene
Concen: 41.74 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.0	106.6
115	33.7	28.3	42.5

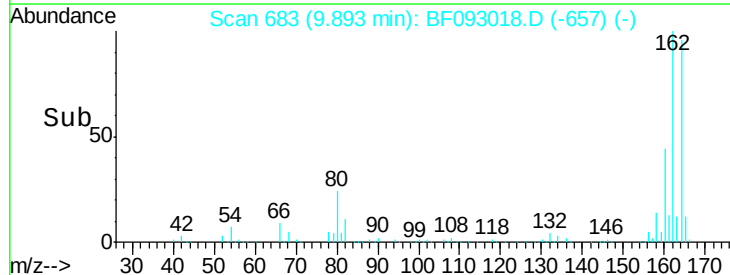
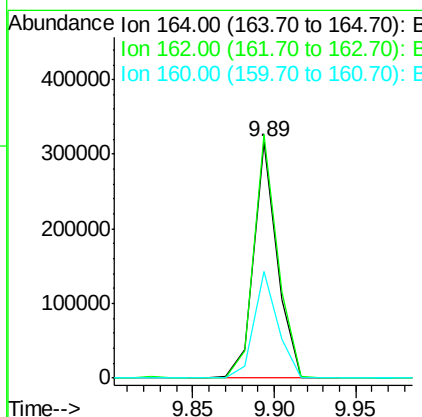
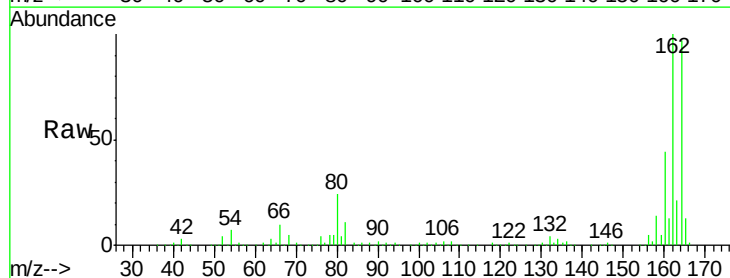
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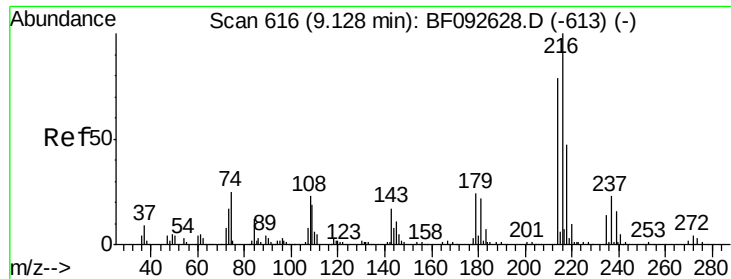
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	80.2	120.2
160	45.2	36.9	55.3





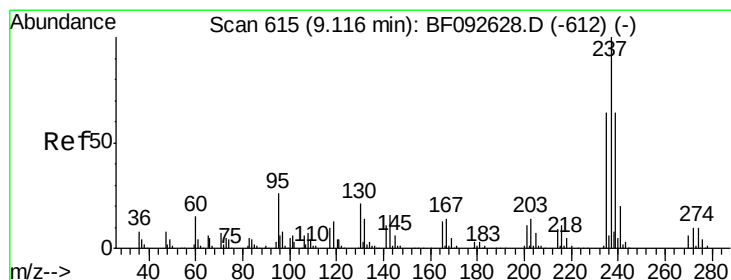
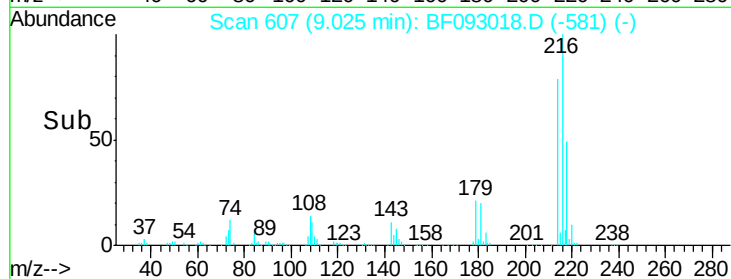
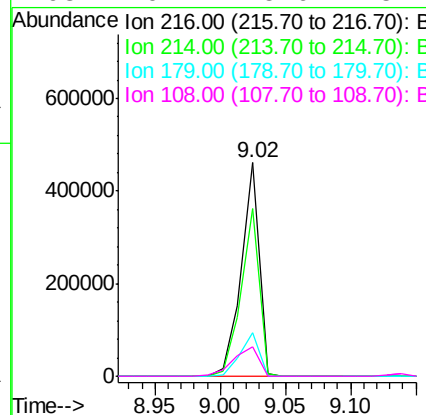
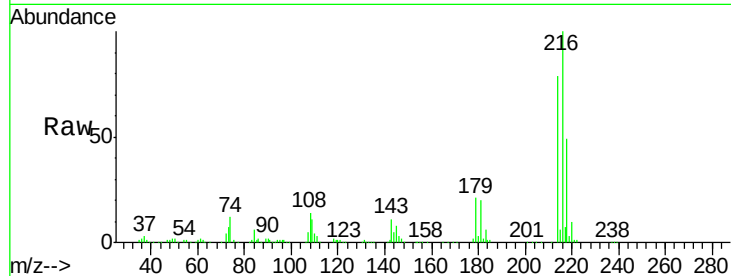
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.09 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:	216	Resp:	437120
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.4	95.0
179	21.5	17.4	26.2
108	19.4	15.6	23.4

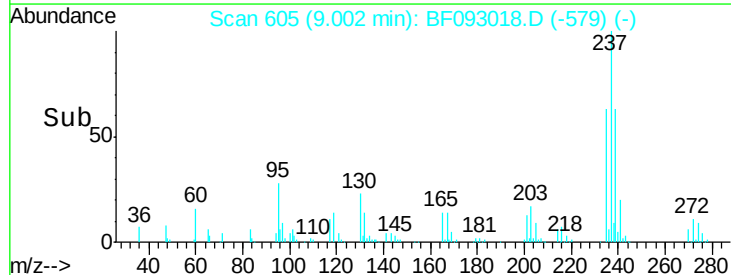
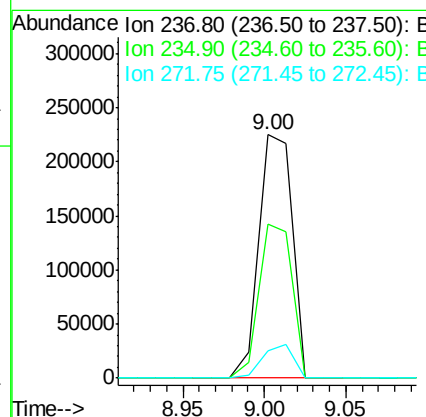
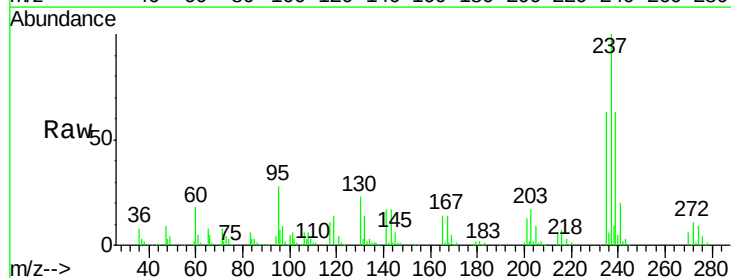
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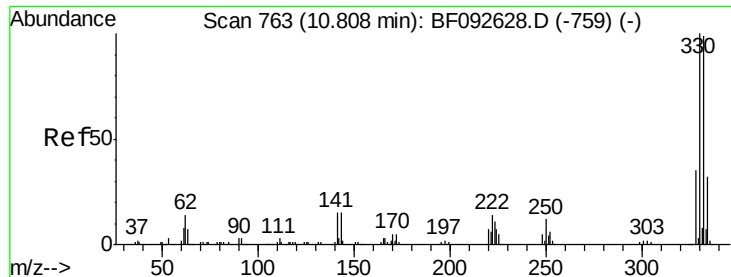
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#40
 Hexachlorocyclopentadiene
 Concen: 79.73 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:	237	Resp:	320291
Ion Ratio		Lower	Upper
237	100		
235	63.3	41.2	81.2
272	11.1	0.0	35.4





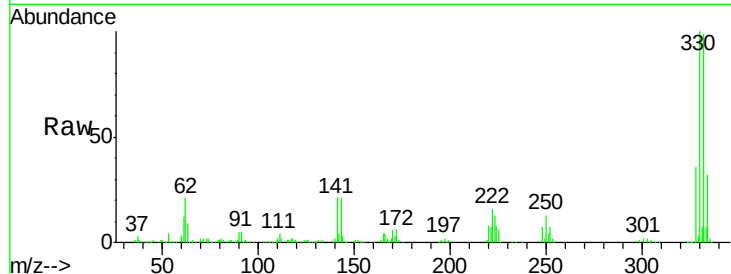
#41
 2,4,6-Tribromophenol
 Concen: 170.90 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleID :
 M-3MS

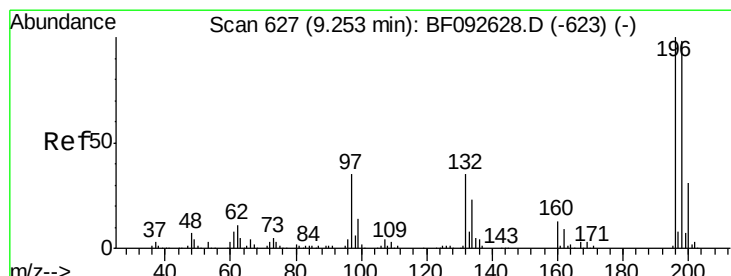
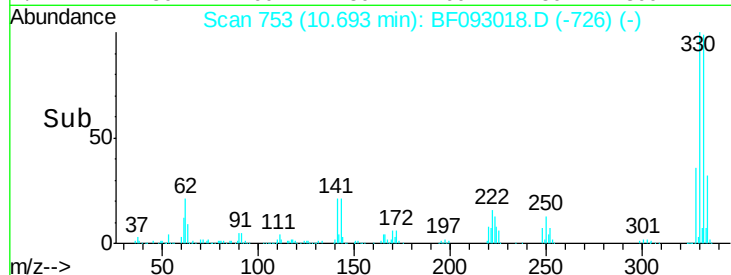
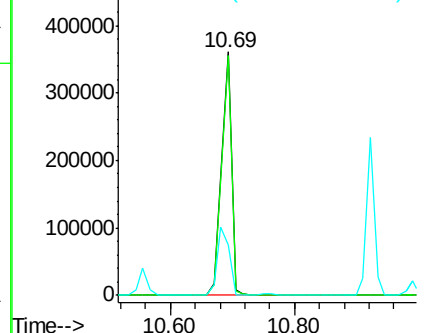
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	392064		
332	97.6	77.4	116.2	
141	34.2	34.1	51.1	

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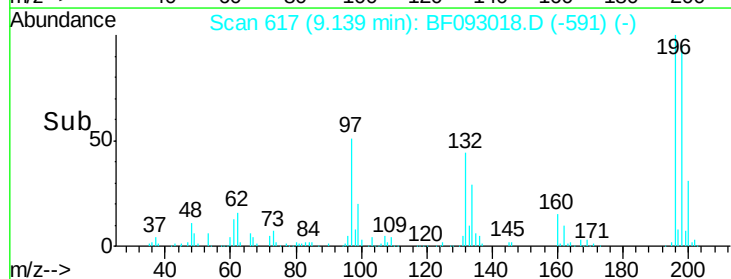
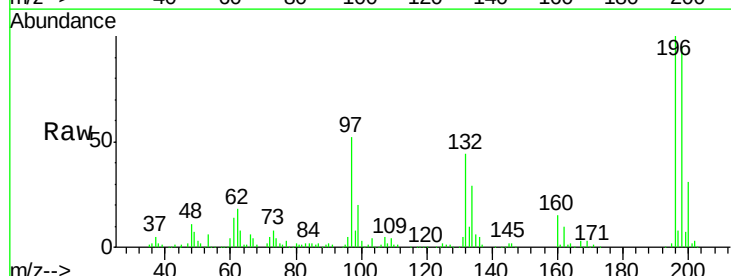
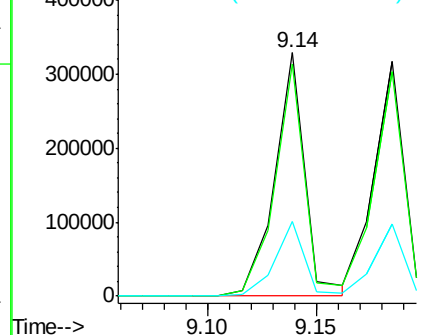
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

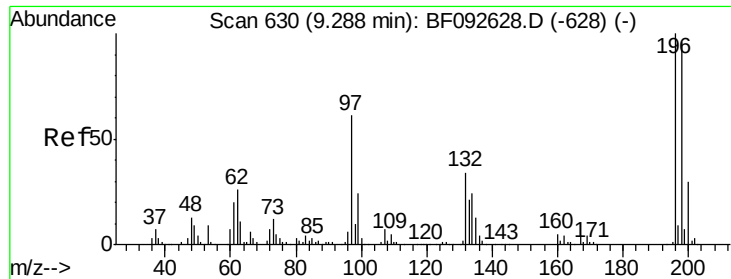


#42
 2,4,6-Trichlorophenol
 Concen: 54.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320371		
198	95.1	82.1	123.1	
200	30.6	27.0	40.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





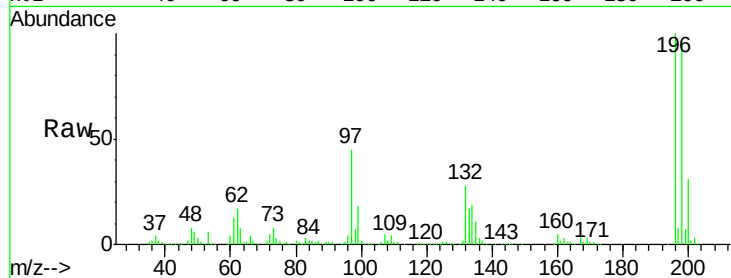
#43
2,4,5-Trichlorophenol
Concen: 48.00 ng
RT: 9.18 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

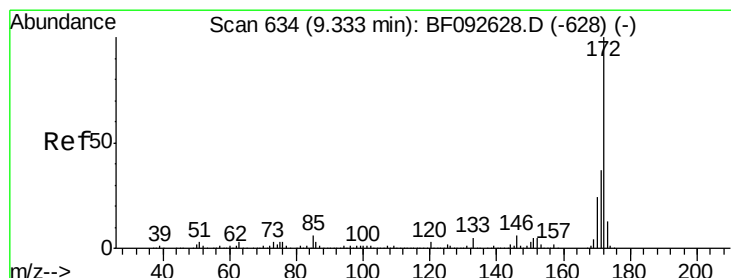
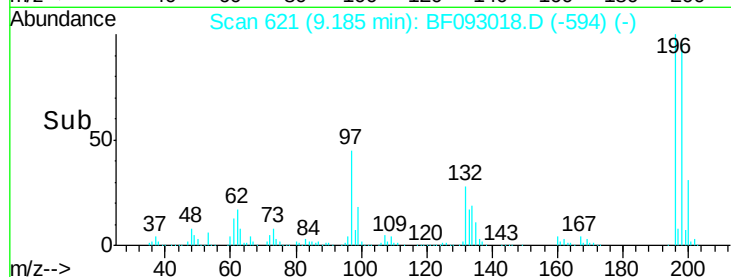
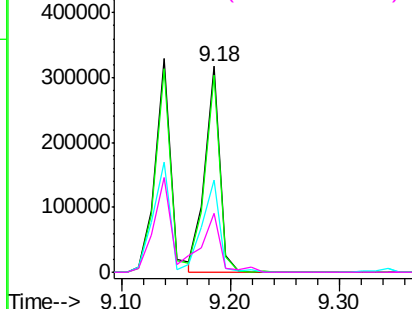
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307691		
198	95.6	79.4	119.2	
97	45.0	51.5	77.3	
132	28.5	27.4	41.2	

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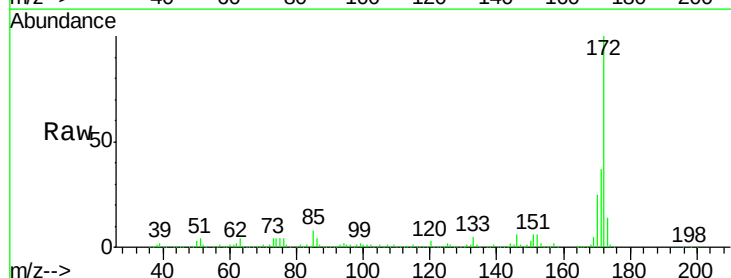


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

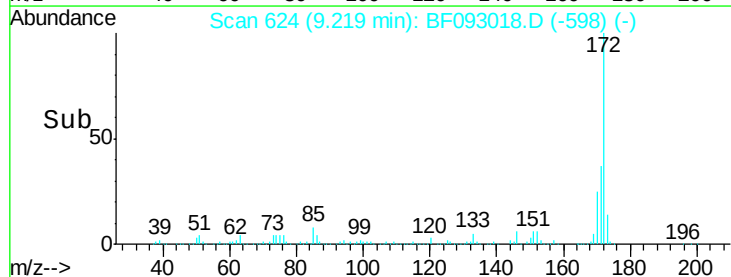
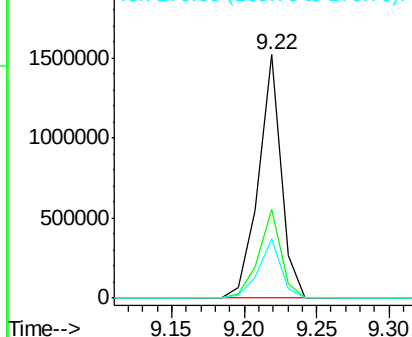


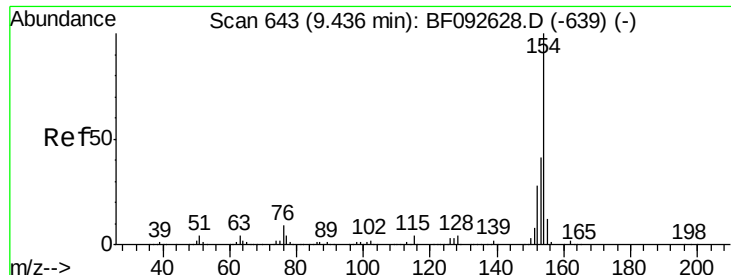
#44
2-Fluorobiphenyl
Concen: 93.94 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1644662		
171	36.7	29.4	44.0	
170	24.6	20.2	30.4	



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 51.55 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

Tgt Ion:154 Resp: 1183964

Ion Ratio Lower Upper

154 100

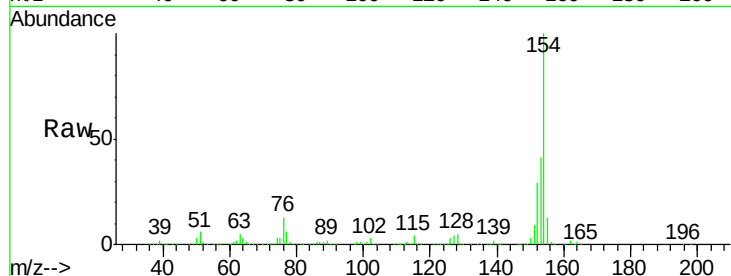
153 41.3 20.9 60.9

76 12.6 0.0 30.5

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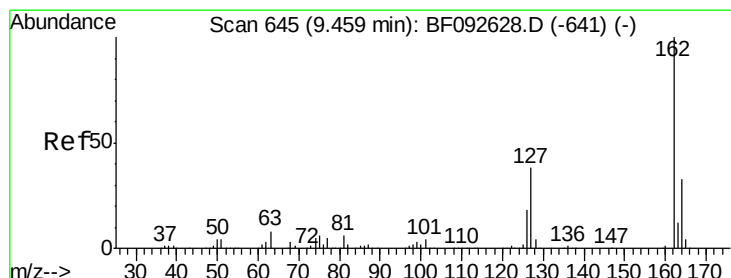
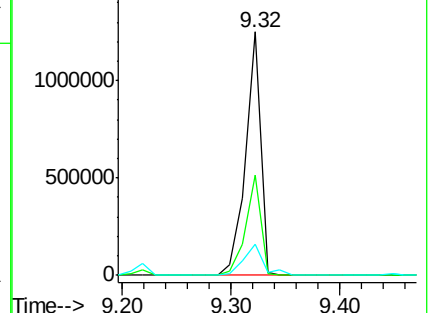
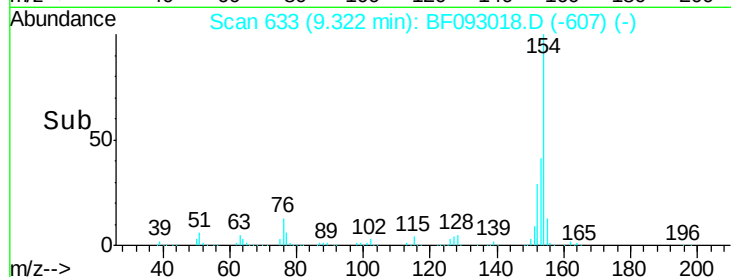
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.30 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

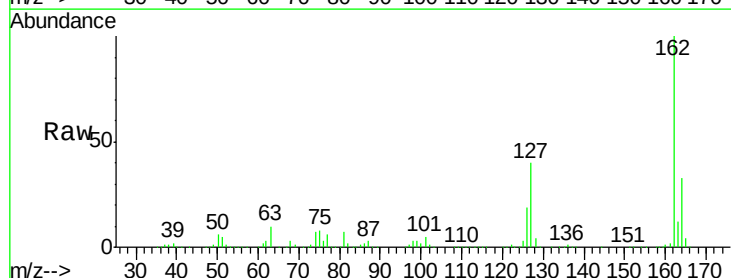
Tgt Ion:162 Resp: 885866

Ion Ratio Lower Upper

162 100

127 40.5 30.7 46.1

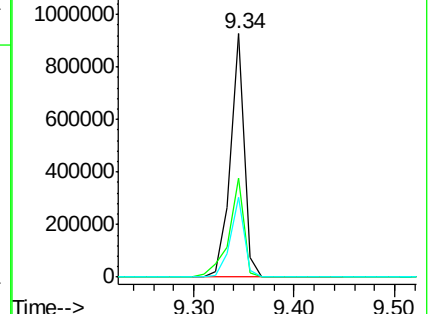
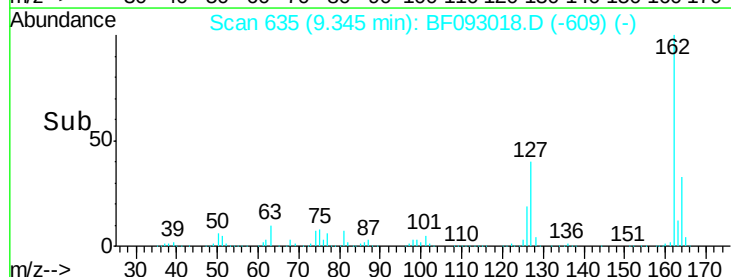
164 33.0 27.6 41.4

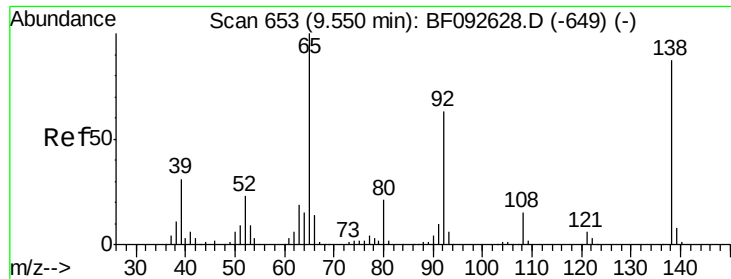


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





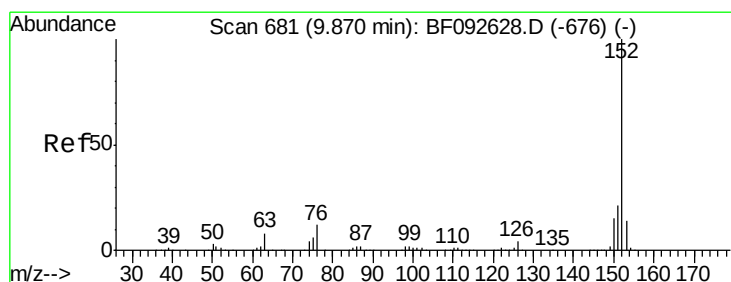
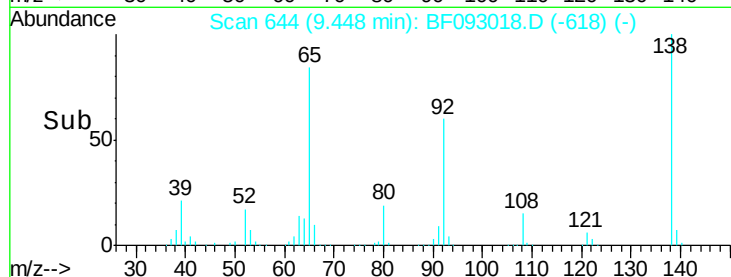
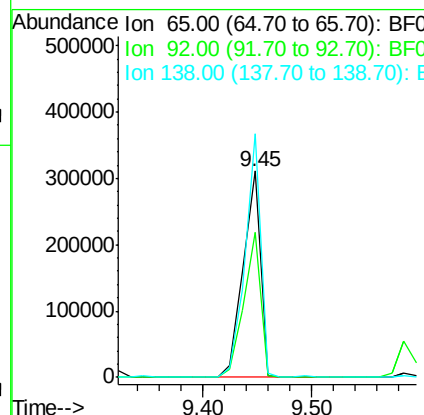
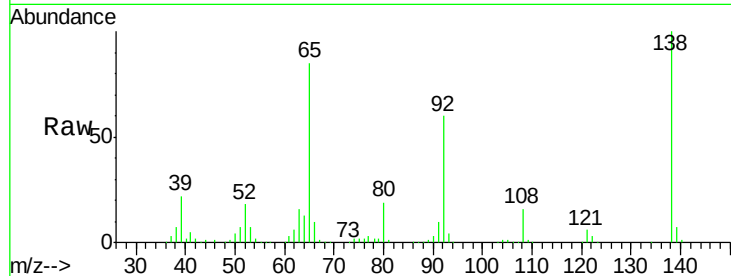
#47
2-Nitroaniline
Concen: 56.26 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	53.9	80.9
138	118.0	76.8	115.2

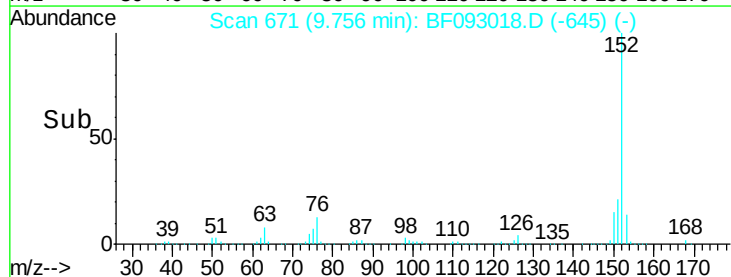
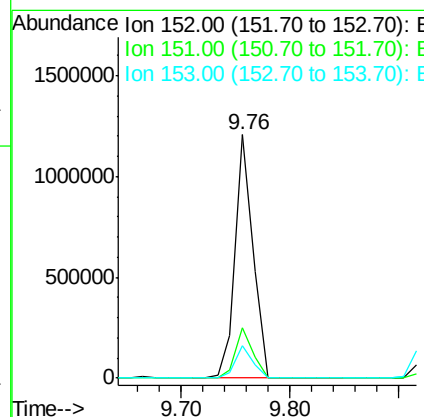
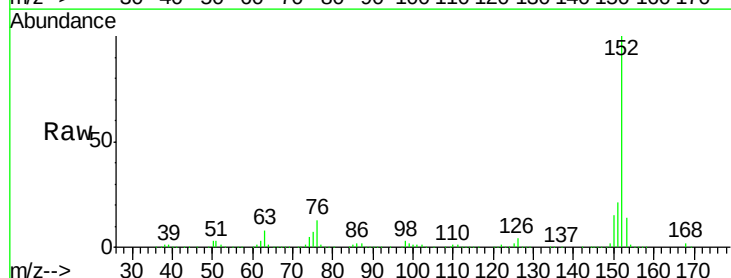
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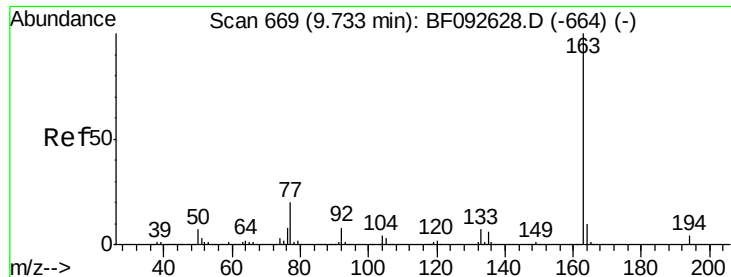
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#48
Acenaphthylene
Concen: 43.54 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.5	11.4	17.2





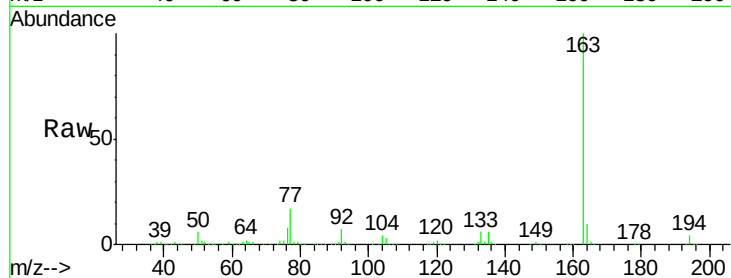
#49
Dimethylphthalate
Concen: 67.67 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

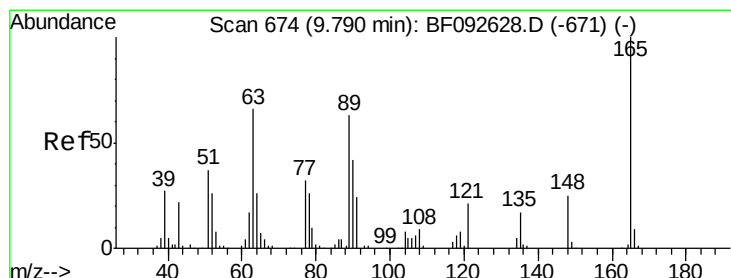
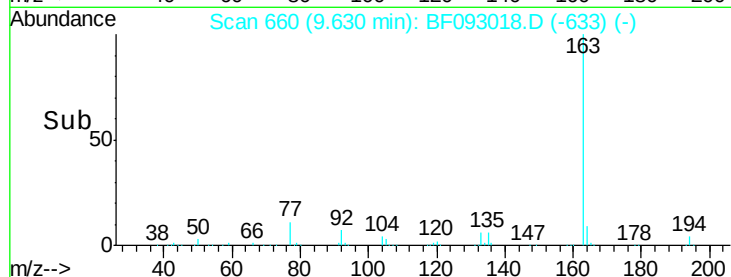
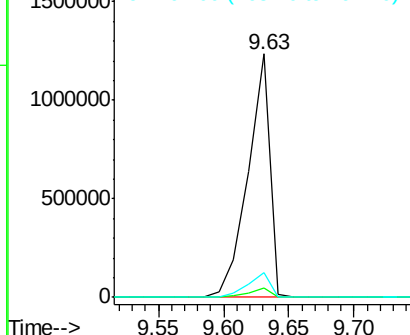
Tgt Ion:163 Resp: 1445692
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.0 8.0 12.0

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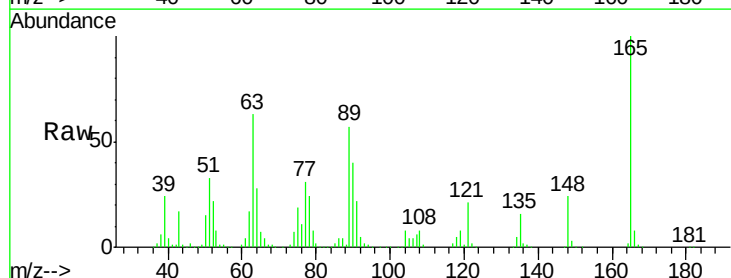


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

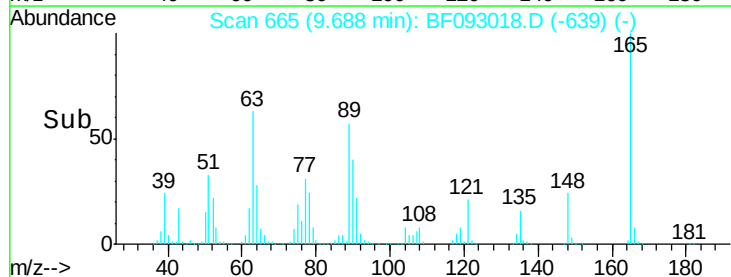
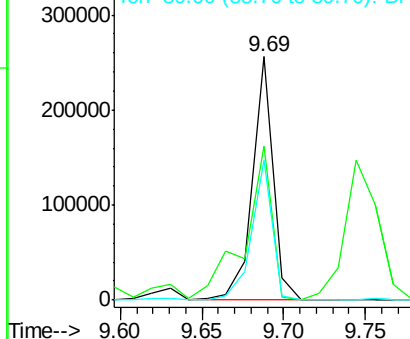


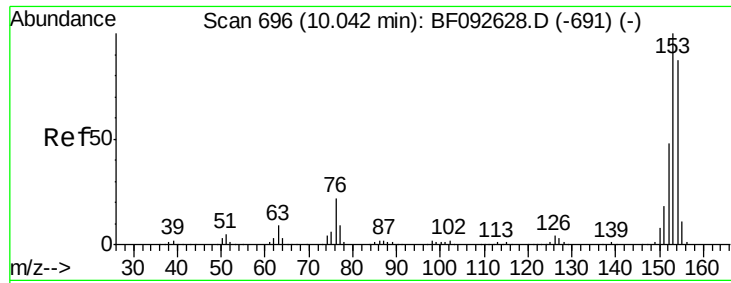
#50
2,6-Dinitrotoluene
Concen: 48.75 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:165 Resp: 224950
Ion Ratio Lower Upper
165 100
63 63.2 36.2 54.4#
89 57.4 40.2 60.4



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





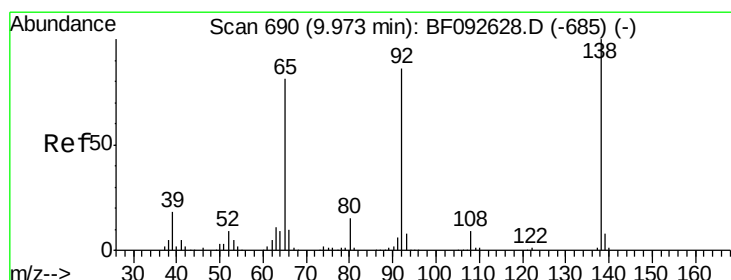
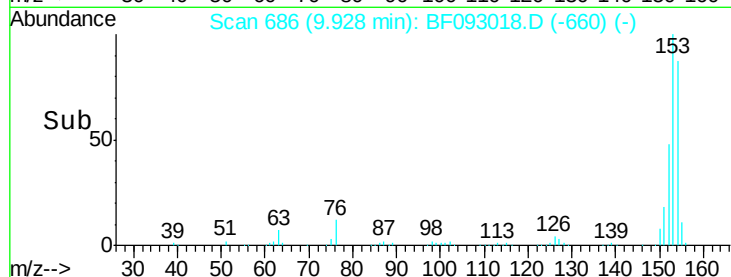
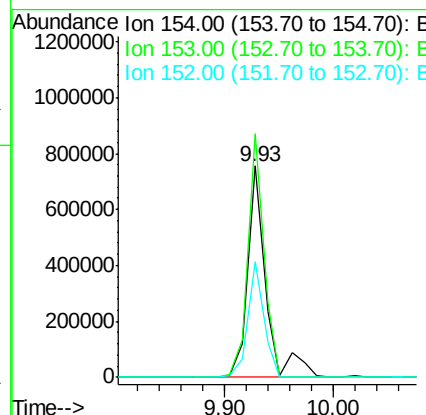
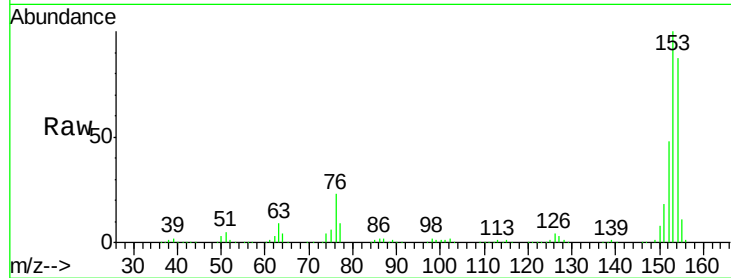
#51
Acenaphthene
Concen: 47.14 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	874811		
153	115.1	88.6	133.0	
152	54.9	41.6	62.4	

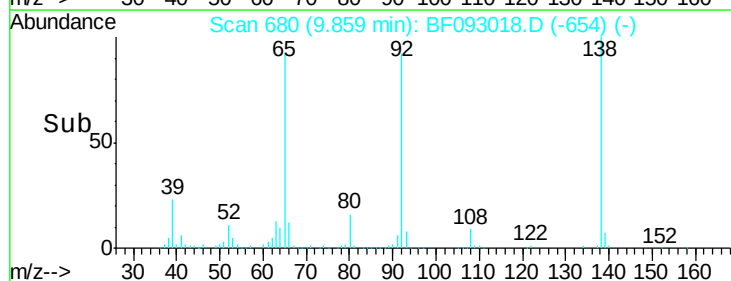
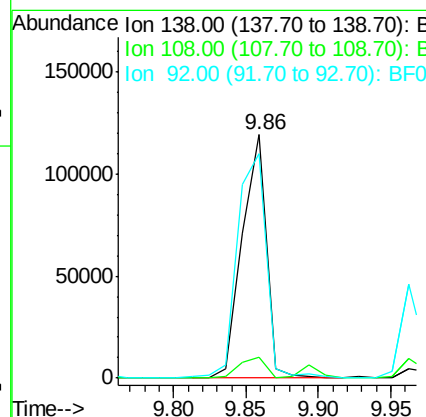
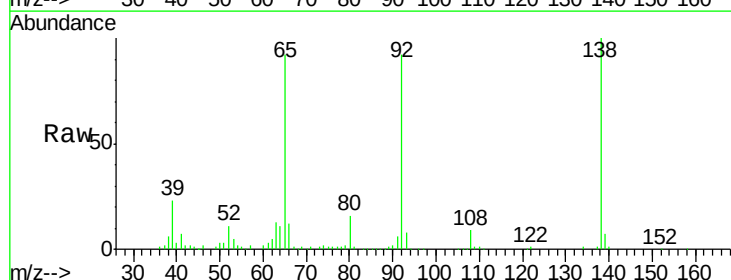
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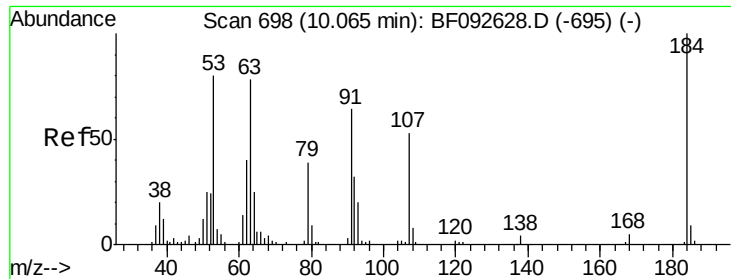
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#52
3-Nitroaniline
Concen: 26.27 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

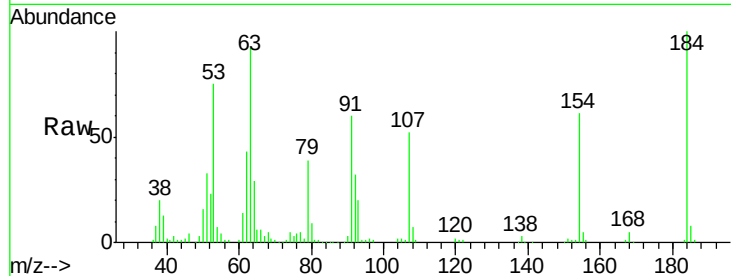
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	138709		
108	8.8	8.5	12.7	
92	92.3	97.8	146.8#	





#53
2,4-Dinitrophenol
Concen: 80.24 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

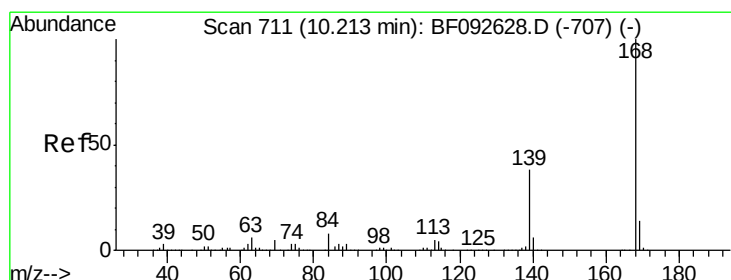
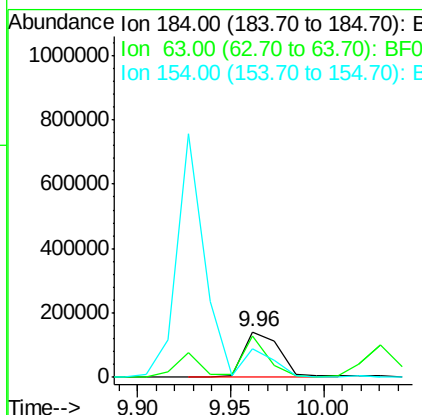
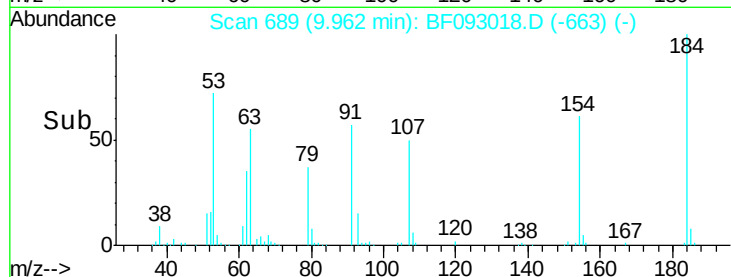
Instrument :
BNA_F
ClientSampleId :
M-3MS



Tgt Ion:184 Resp: 188377
Ion Ratio Lower Upper
184 100
63 91.8 28.4 42.6#
154 61.4 44.3 66.5

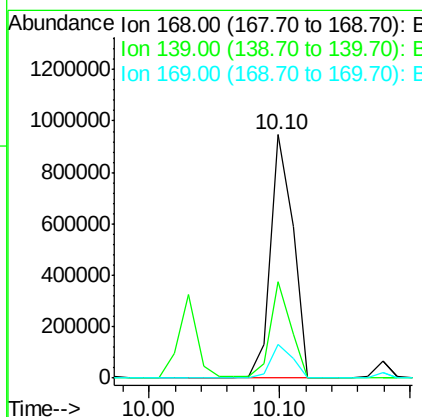
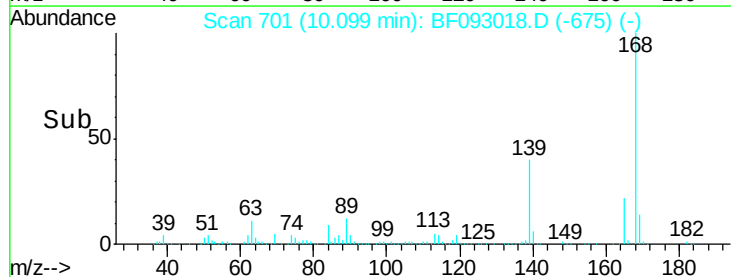
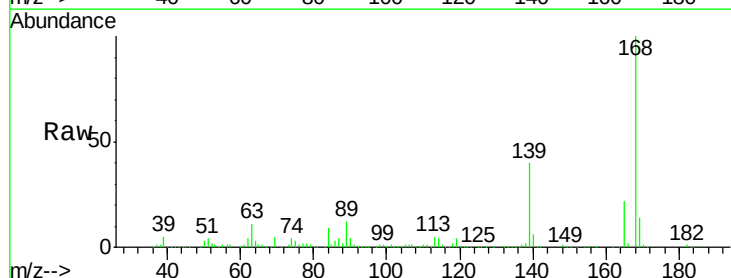
Manual Integrations
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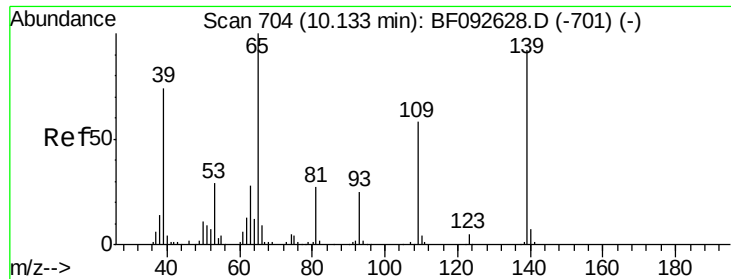
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#54
Dibenzofuran
Concen: 46.34 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:168 Resp: 1150236
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 13.7 11.3 16.9





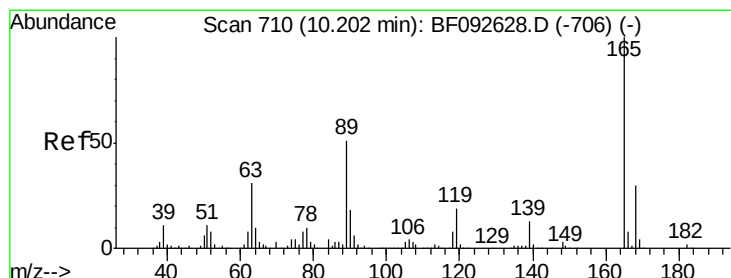
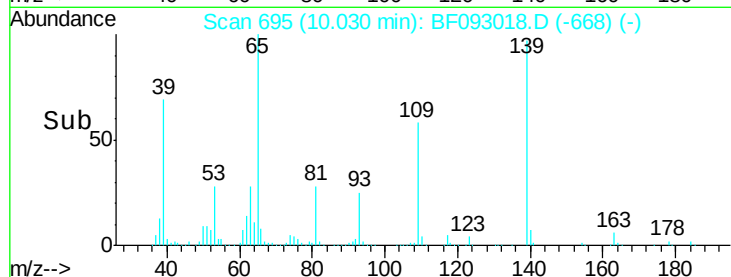
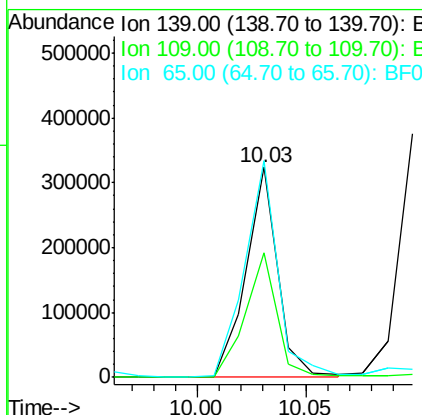
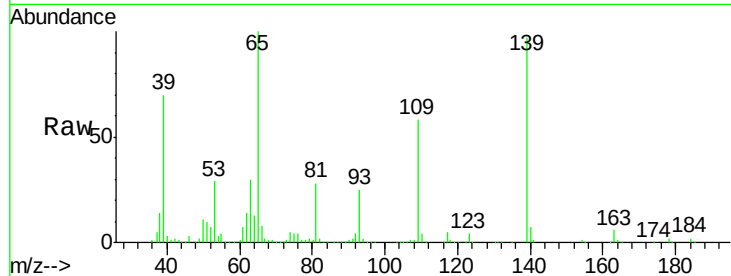
#55
4-Nitrophenol
Concen: 86.45 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	328771		
109	59.5	52.2	92.2	
65	103.5	85.8	125.8	

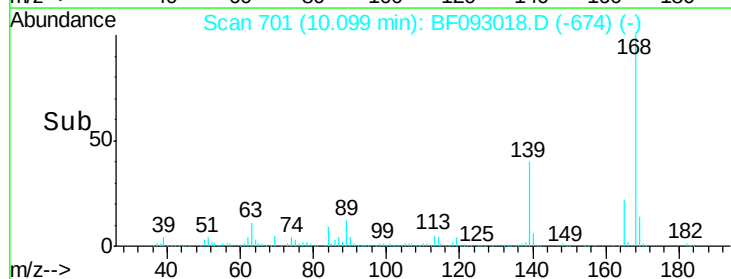
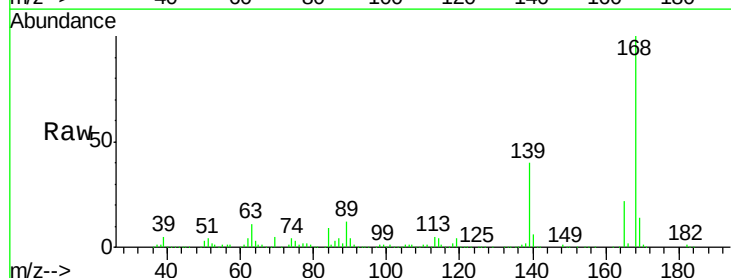
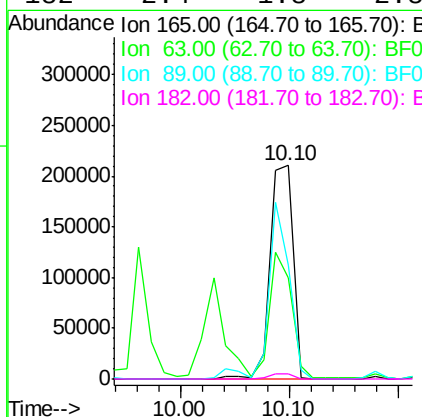
Manual Integrations
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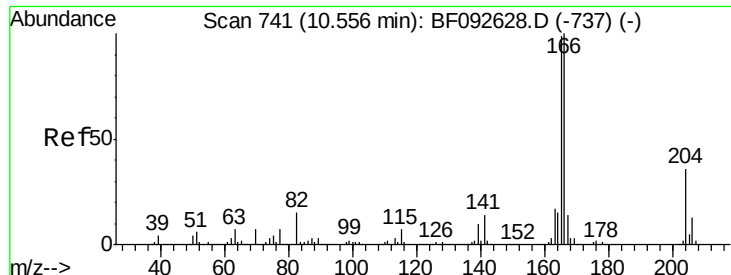
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#56
2,4-Dinitrotoluene
Concen: 50.18 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	308221		
63	47.6	40.2	60.4	
89	53.1	62.5	93.7#	
182	2.4	1.8	2.8	





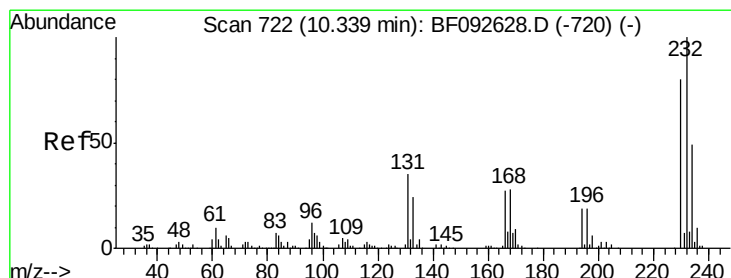
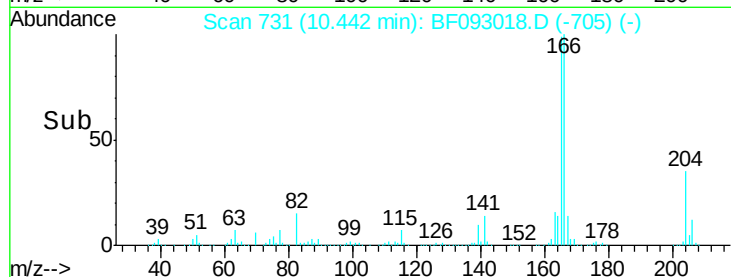
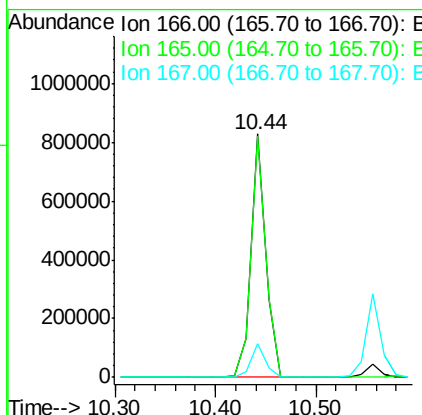
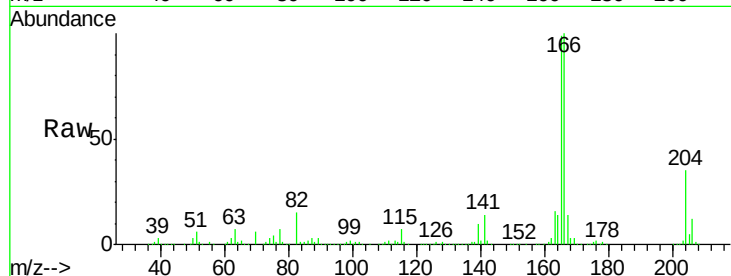
#57
 Fluorene
 Concen: 44.48 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	849321		
165	99.1	77.8	116.8	
167	13.9	10.8	16.2	

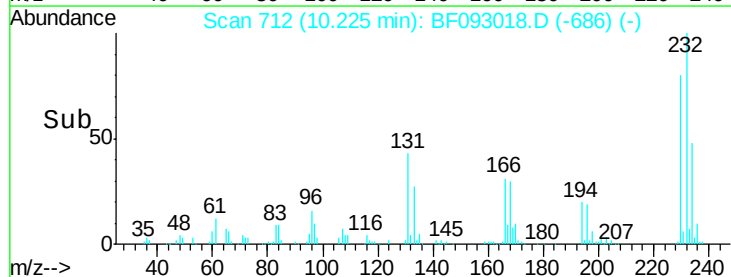
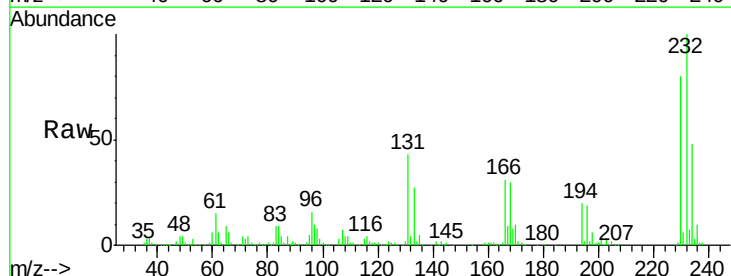
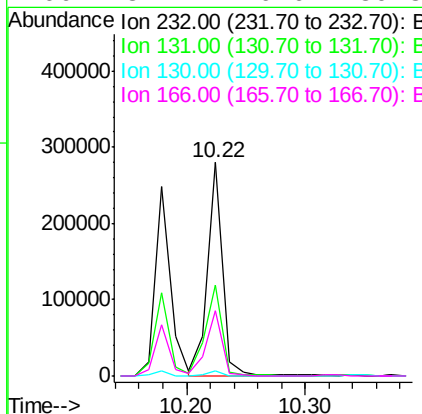
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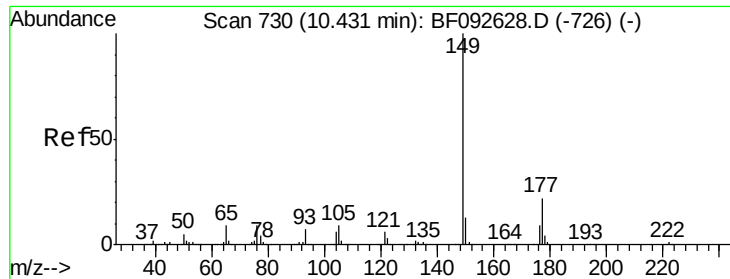
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.60 ng
 RT: 10.22 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	246330		
131	47.8	40.1	60.1	
130	2.2	1.8	2.8	
166	32.2	26.6	39.8	





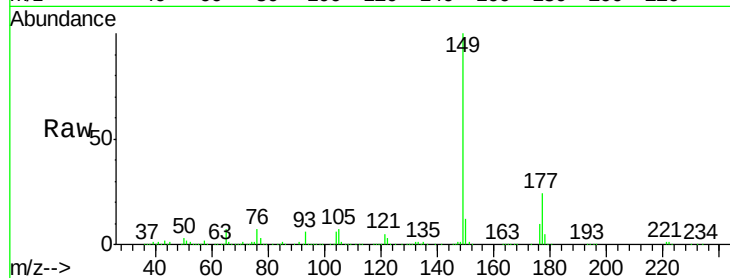
#59
Diethylphthalate
Concen: 52.29 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

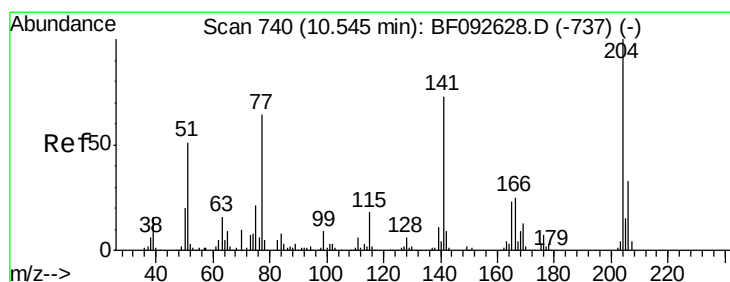
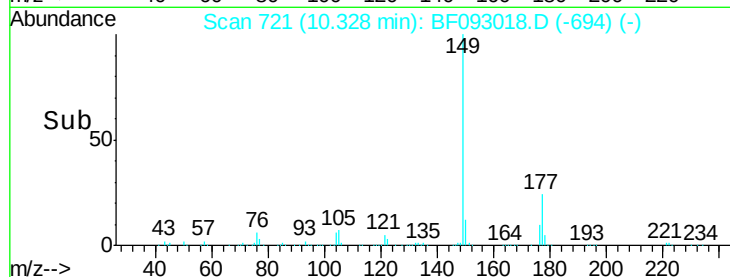
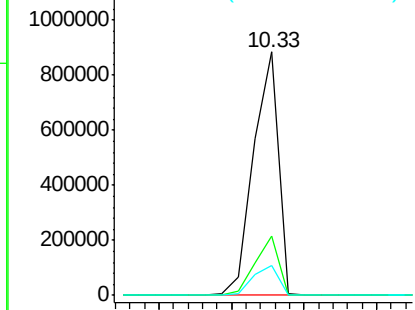
Tgt Ion:149 Resp: 1052885
Ion Ratio Lower Upper
149 100
177 24.4 16.6 25.0
150 12.2 10.4 15.6

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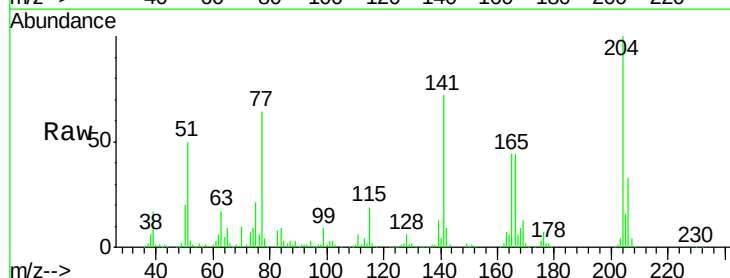


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

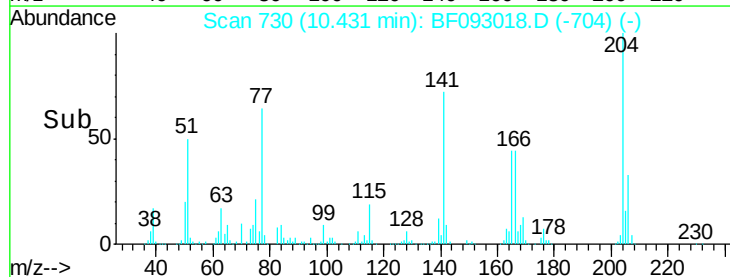
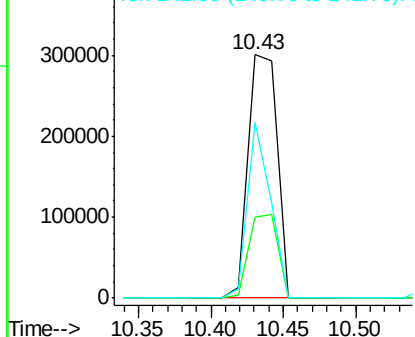


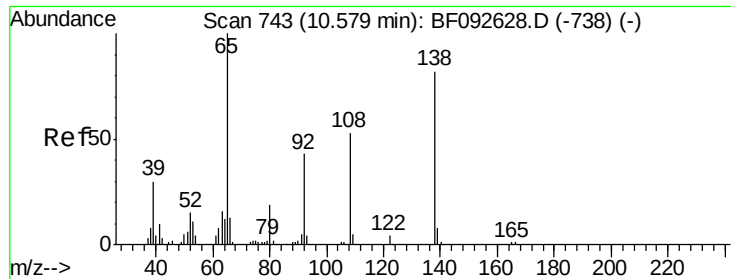
#60
4-Chlorophenyl-phenylether
Concen: 45.48 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion:204 Resp: 417264
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 72.1 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.94 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

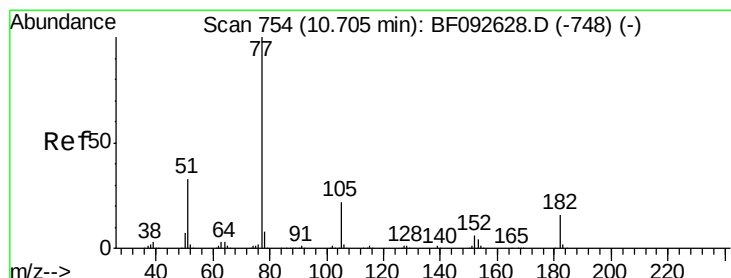
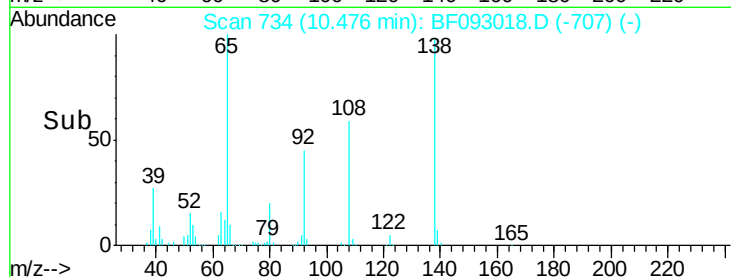
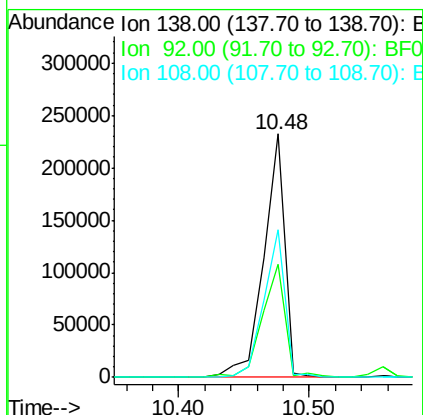
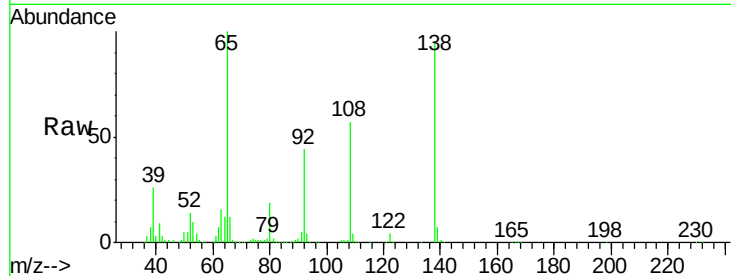
ClientSampleId :

M-3MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	31.7	71.7
108	60.4	52.6	92.6

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#62

Azobenzene

Concen: 54.35 ng

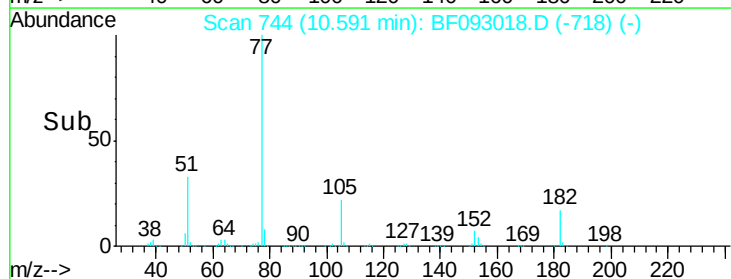
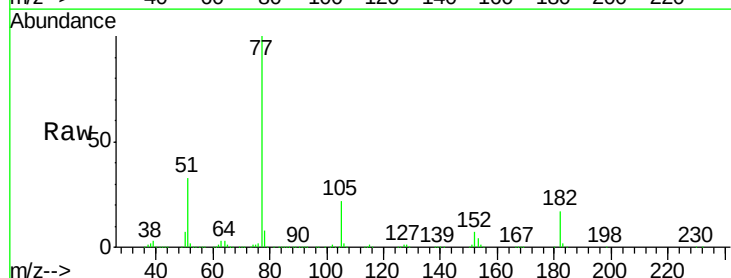
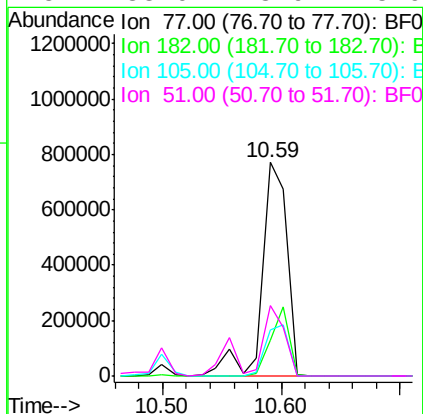
RT: 10.59 min Scan# 744

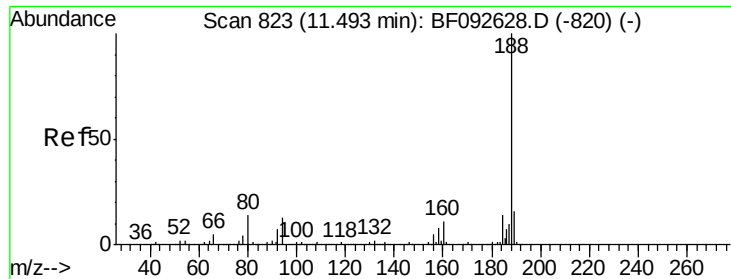
Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.7	0.0	39.3
105	21.8	2.3	42.3
51	33.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

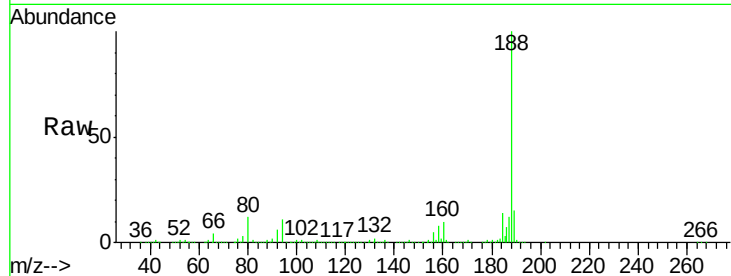
ClientSampleId :

M-3MS

Tgt Ion:	188	Resp:	573980
Ion Ratio	Lower	Upper	
188	100		
94	11.1	10.0	15.0
80	11.6	11.2	16.8

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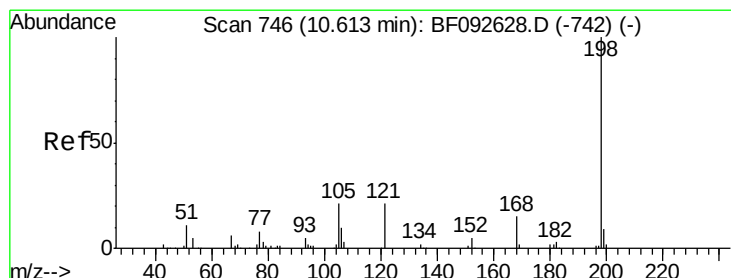
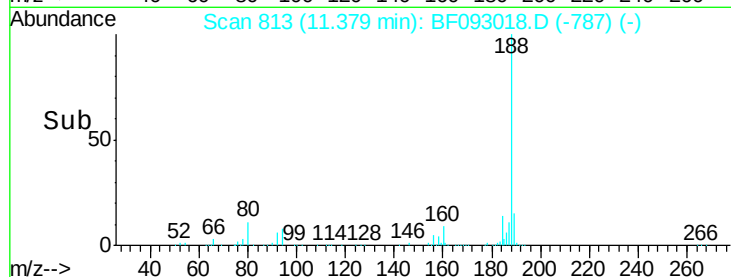
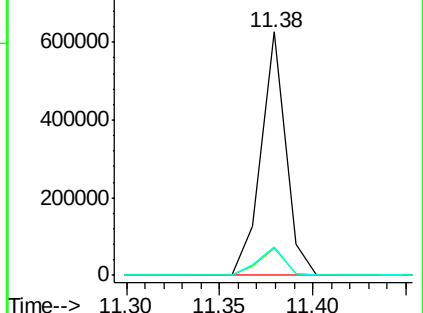
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.36 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093018.D

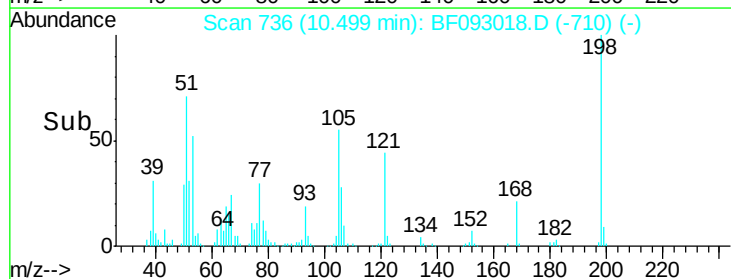
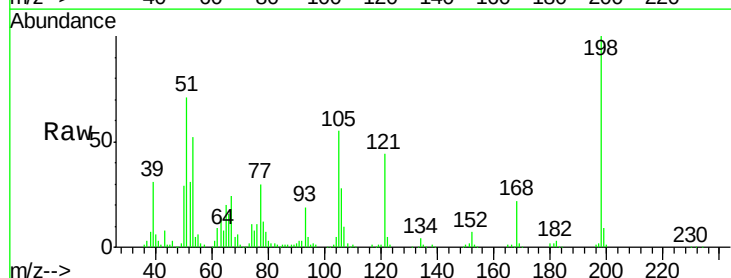
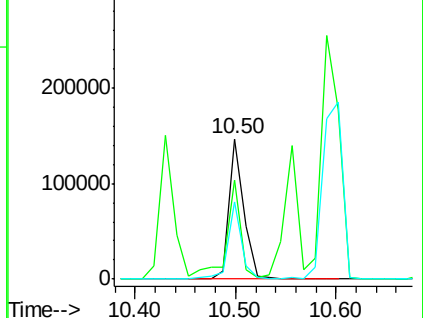
Acq: 17 Feb 2017 18:47

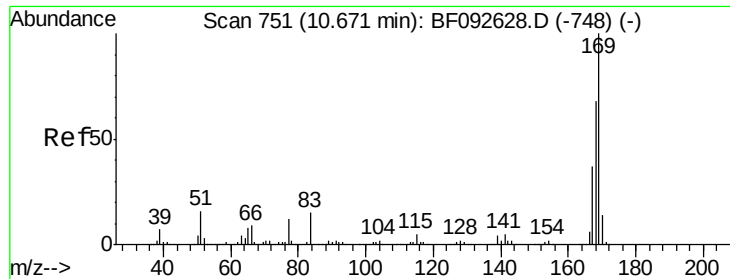
Tgt Ion:	198	Resp:	150516
Ion Ratio	Lower	Upper	
198	100		
51	70.8	6.7	46.7#
105	54.9	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





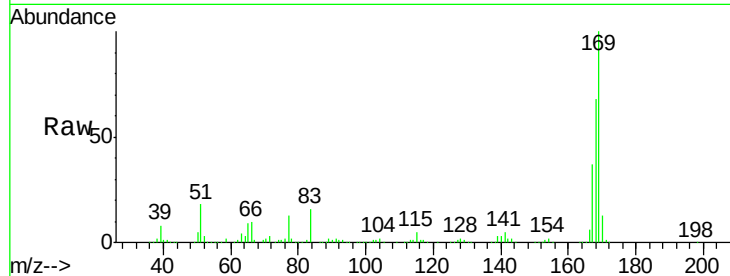
#65
n-Nitrosodiphenylamine
Concen: 42.45 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

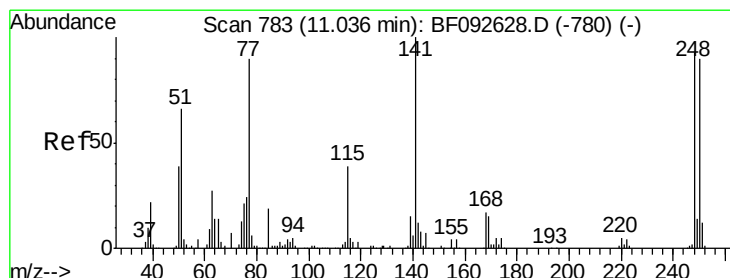
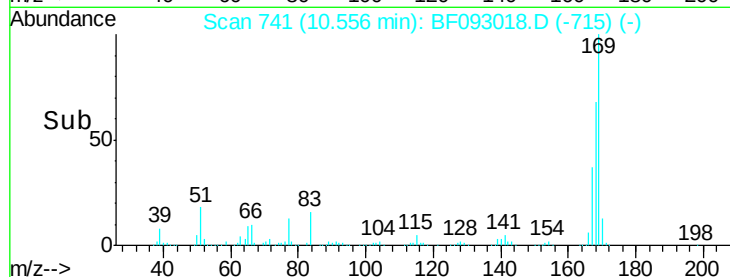
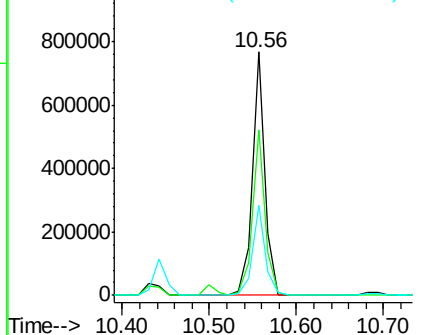
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	778443		
168	68.2	54.2	81.2	
167	37.1	30.2	45.4	

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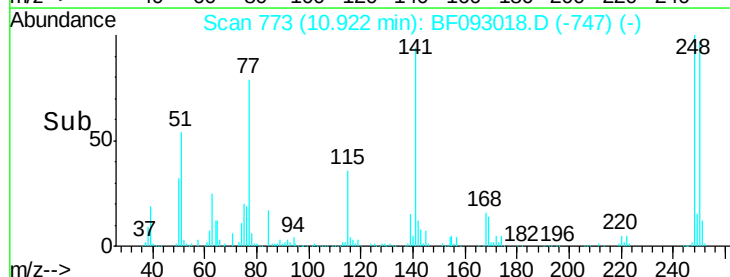
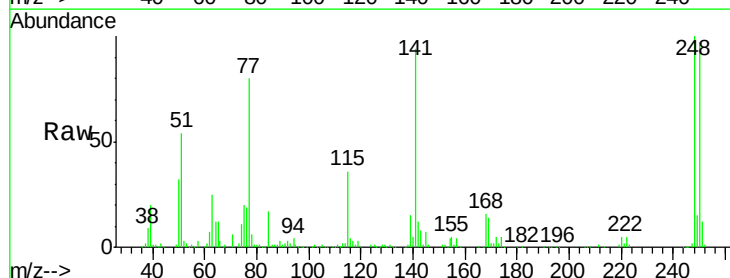
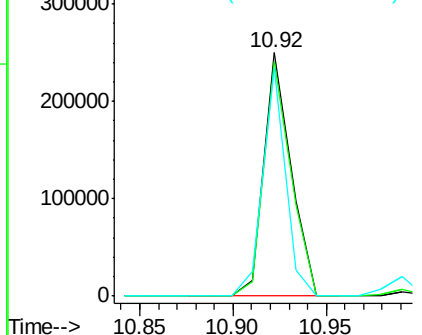
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

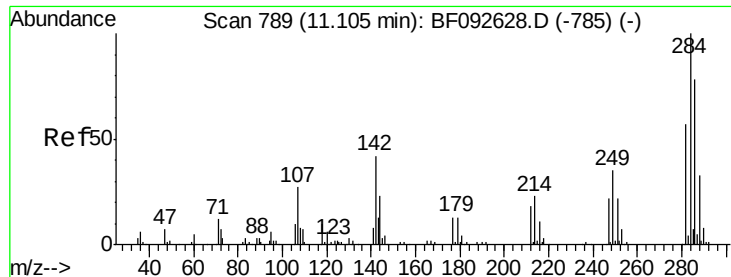


#66
4-Bromophenyl-phenylether
Concen: 41.73 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	250230		
250	96.6	76.9	115.3	
141	94.0	68.2	102.4	

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: 42.13 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

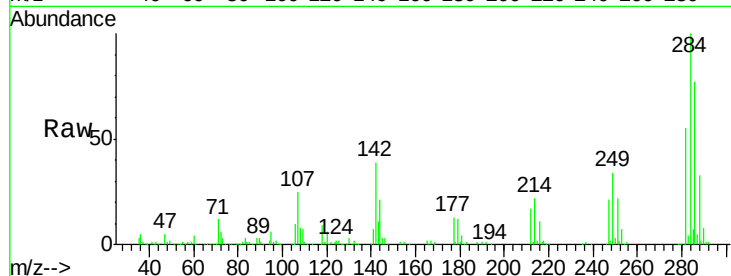
ClientSampleId :

M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	249666		
142	38.8	22.6	33.8#	
249	34.1	25.4	38.0	

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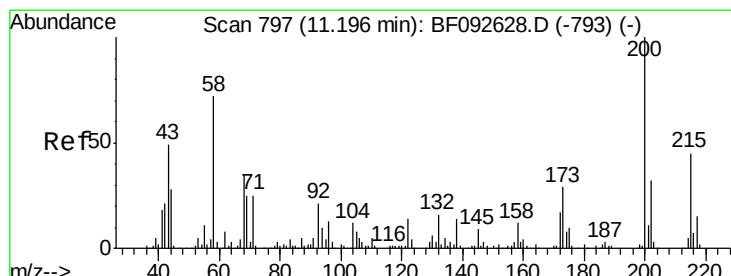
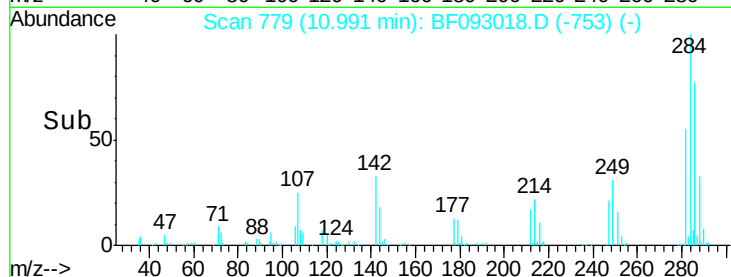
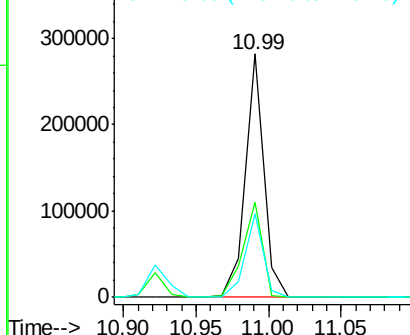
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.57 ng

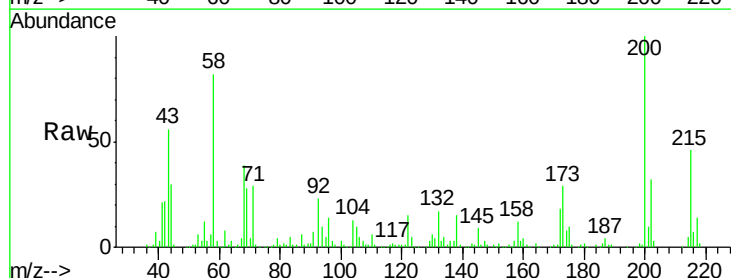
RT: 11.08 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

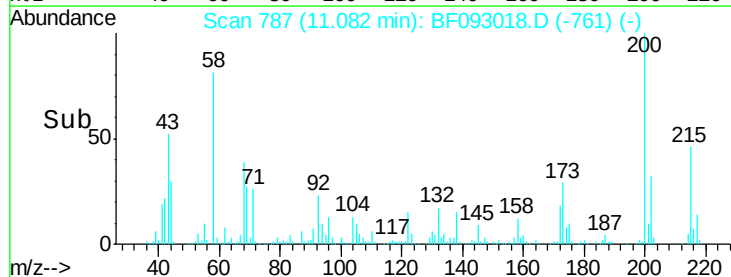
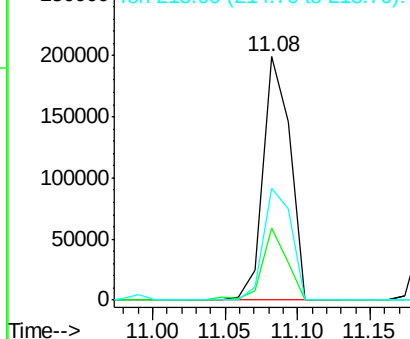
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	256390		
173	29.5	9.6	49.6	
215	46.0	25.7	65.7	

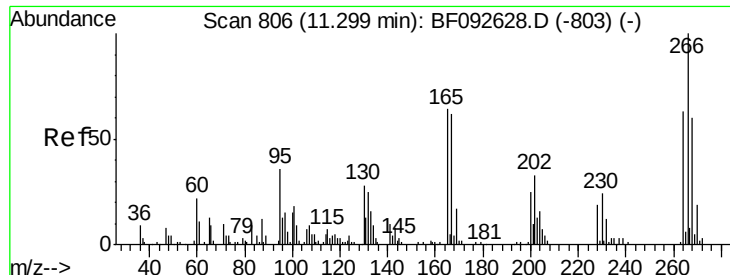


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





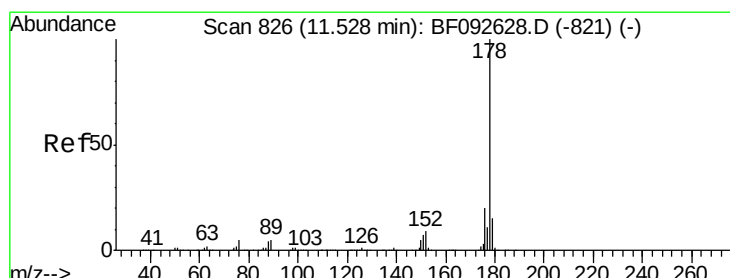
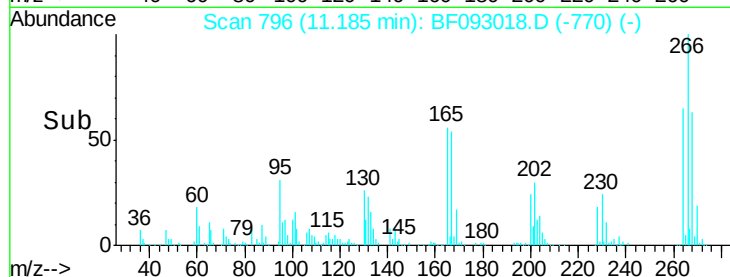
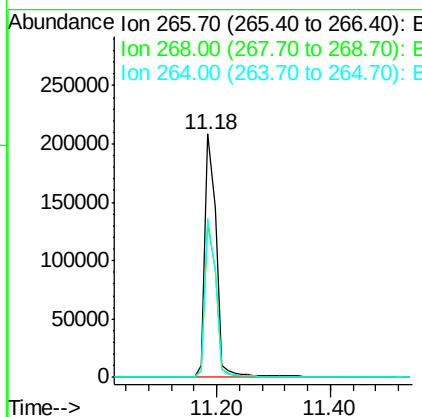
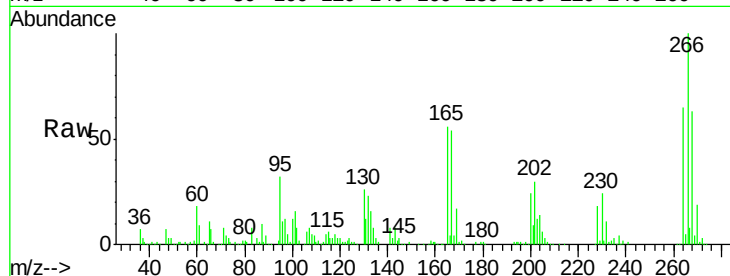
#69
Pentachlorophenol
 Concen: 88.95 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampled :
 M-3MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.3	79.9
264	65.2	50.3	75.5

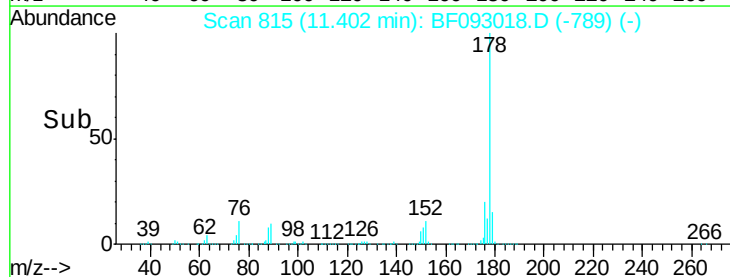
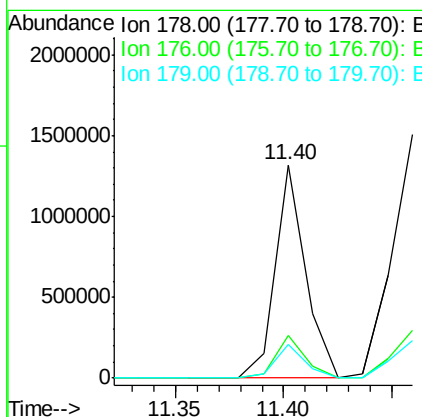
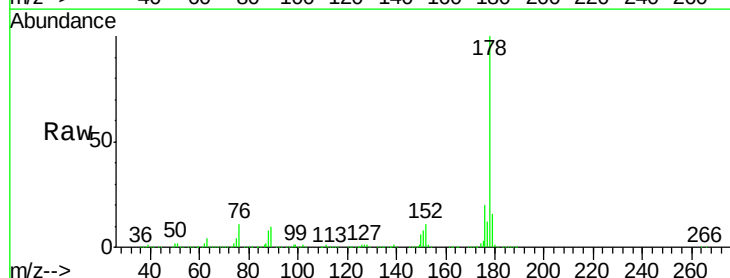
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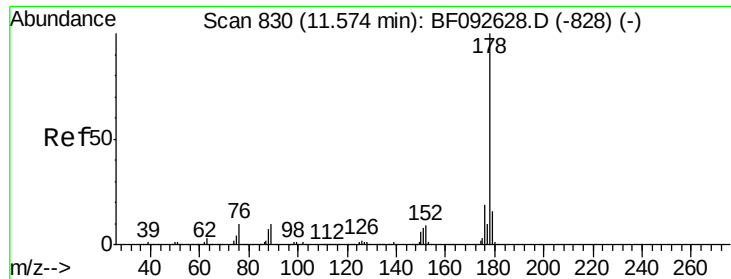
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#70
Phenanthrene
 Concen: 39.21 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.6	12.8	19.2





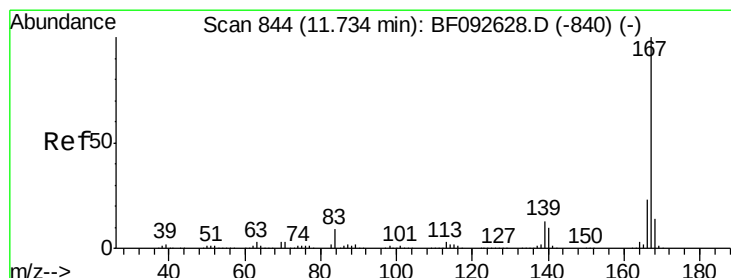
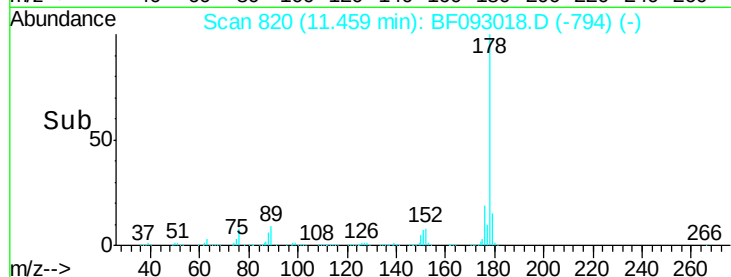
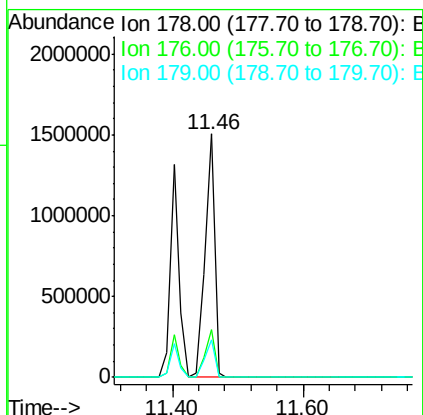
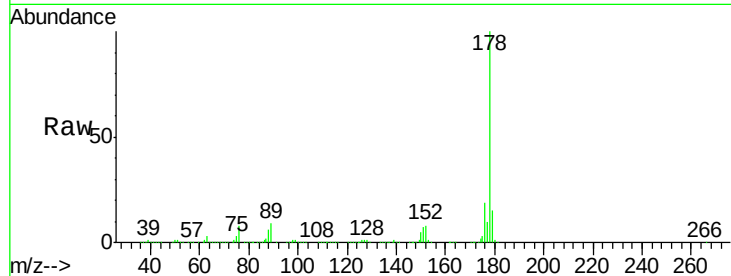
#71
 Anthracene
 Concen: 45.87 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion:178 Resp: 1514757
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.2 19.8

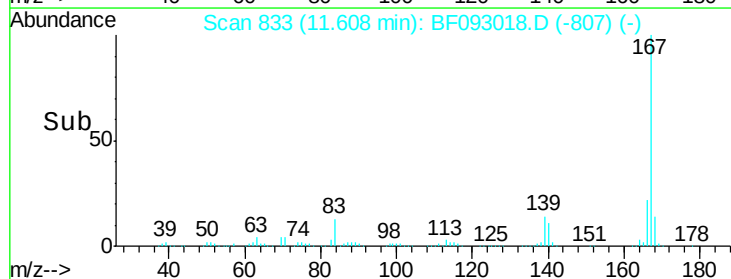
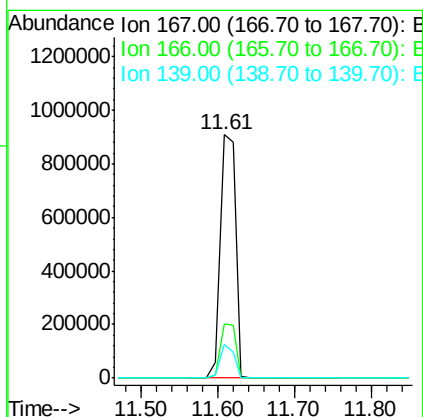
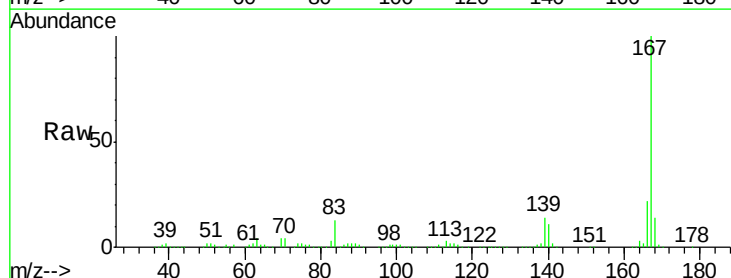
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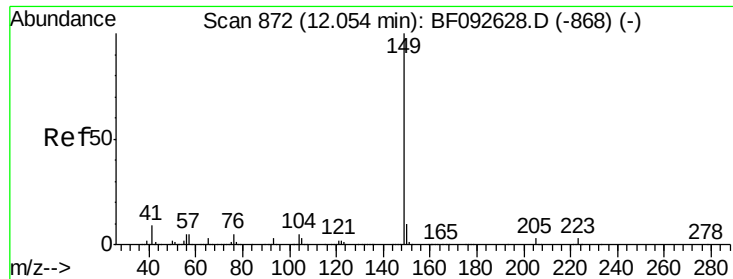
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#72
 Carbazole
 Concen: 40.78 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion:167 Resp: 1287445
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

ClientSampleId :

M-3MS

Tgt Ion:149 Resp: 1467432

Ion Ratio Lower Upper

149 100

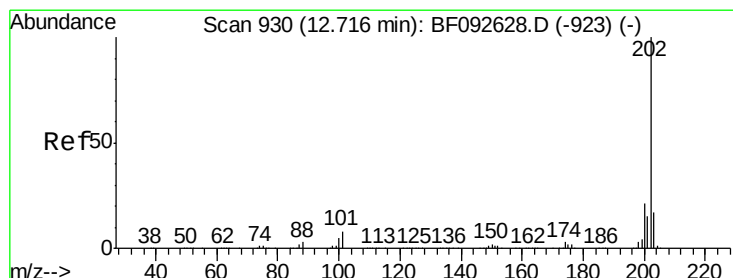
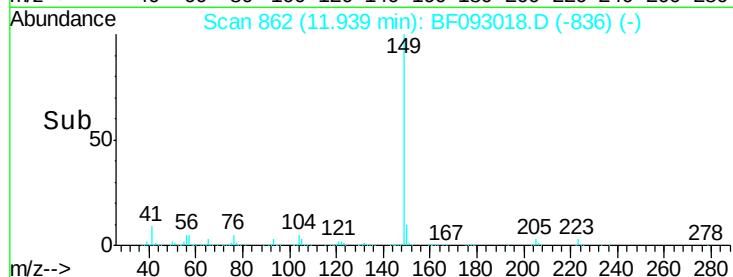
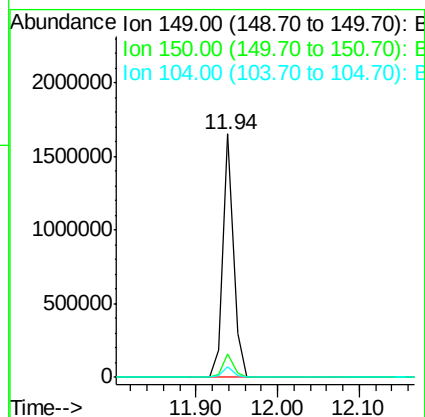
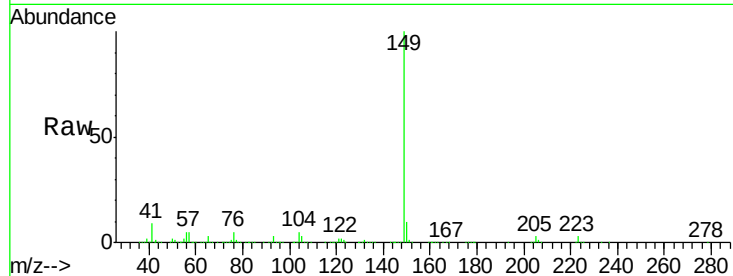
150 9.6 8.1 12.1

104 4.6 4.6 7.0#

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#74

Fluoranthene

Concen: 41.47 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

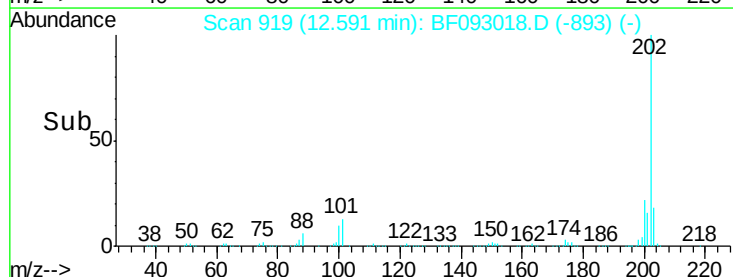
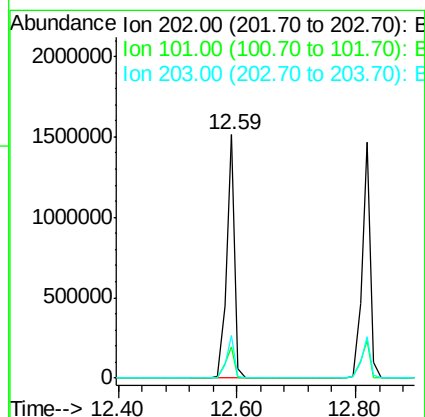
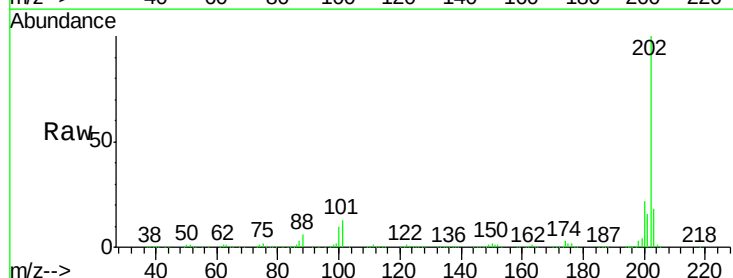
Tgt Ion:202 Resp: 1406703

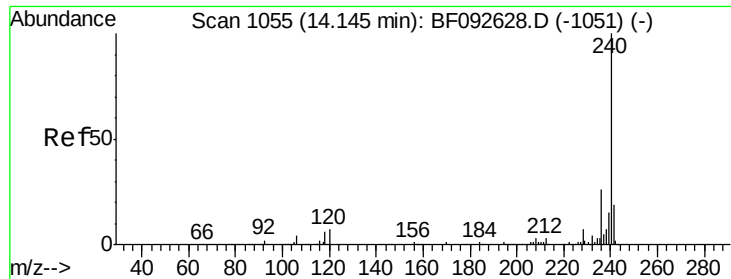
Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

203 17.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

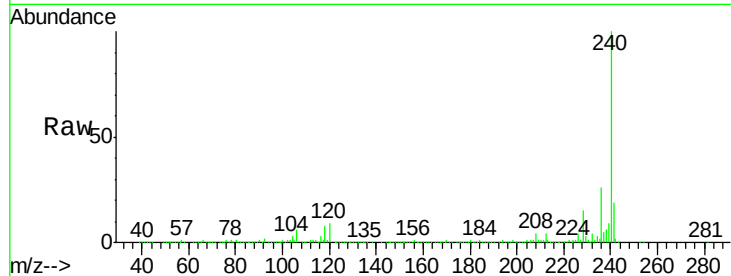
ClientSampleId :

M-3MS

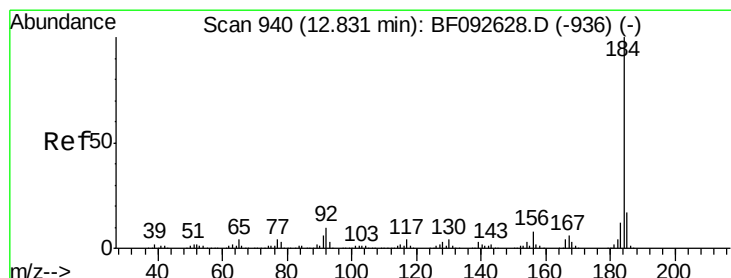
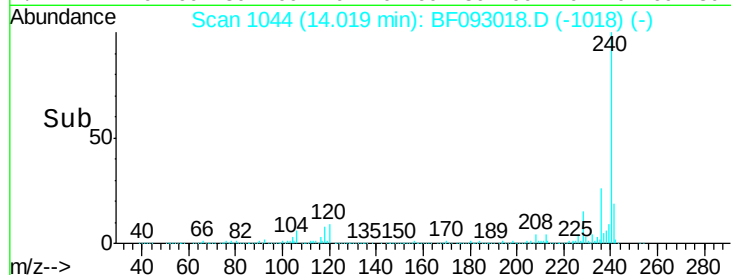
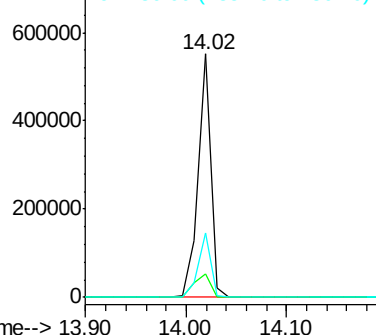
Tgt Ion:240 Resp: 487506
 Ion Ratio Lower Upper
 240 100
 120 9.5 12.9 19.3#
 236 26.3 20.9 31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.19 ng

RT: 12.72 min Scan# 930

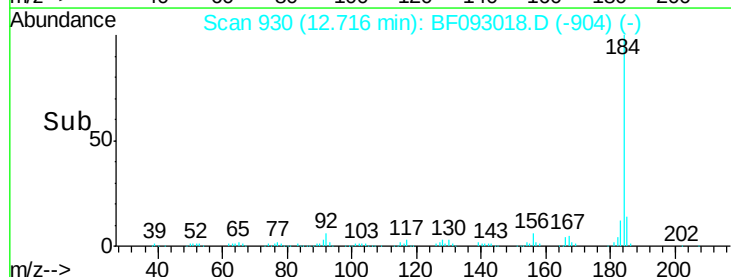
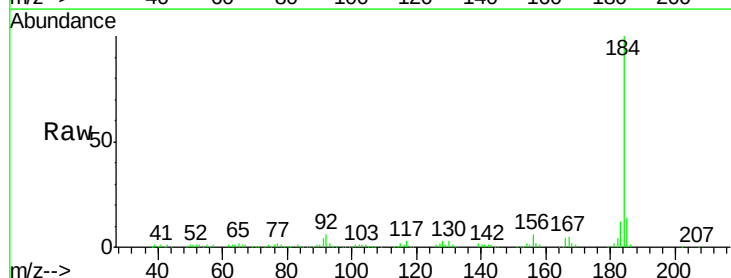
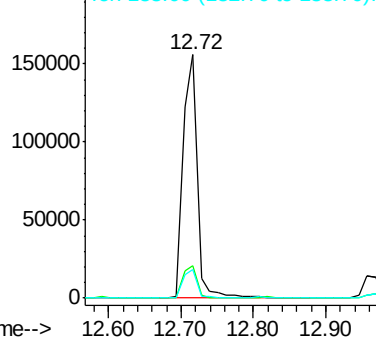
Delta R.T. -0.00 min

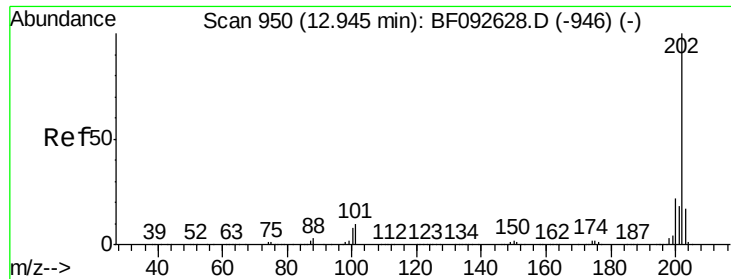
Lab File: BF093018.D

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Tgt Ion:184 Resp: 211732
 Ion Ratio Lower Upper
 184 100
 185 13.5 13.4 20.0
 183 11.9 9.2 13.8

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.54 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

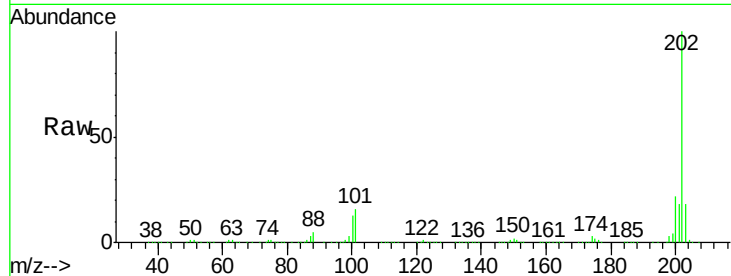
ClientSampleId :

M-3MS

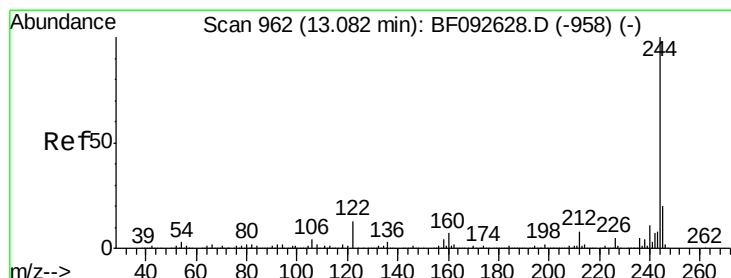
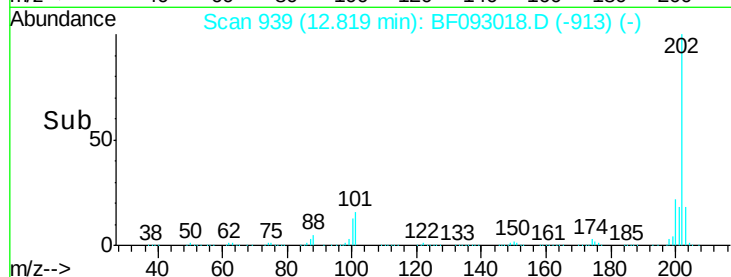
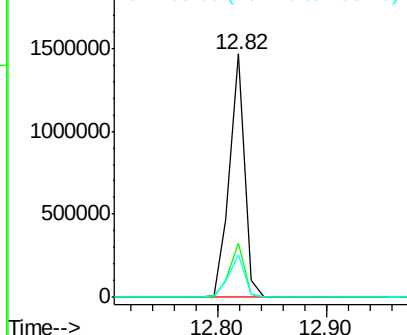
Tgt Ion:	202	Resp:	1406161
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.6	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.74 ng

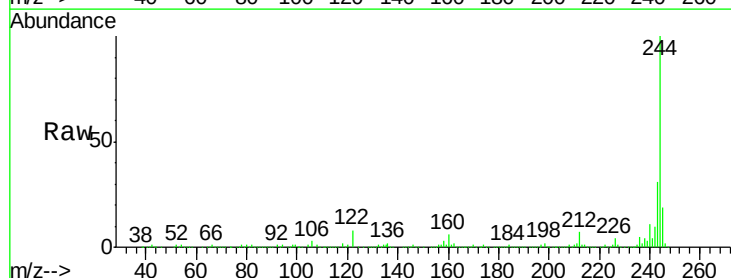
RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

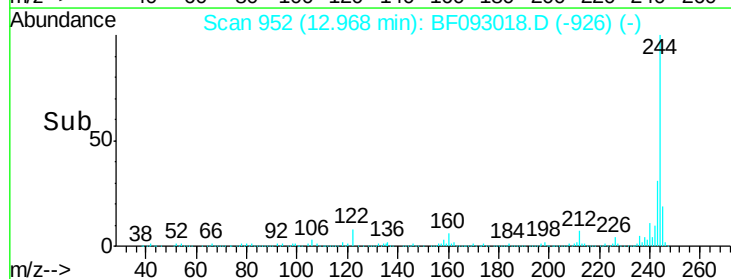
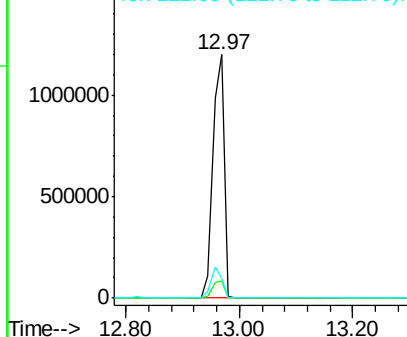
Lab File: BF093018.D

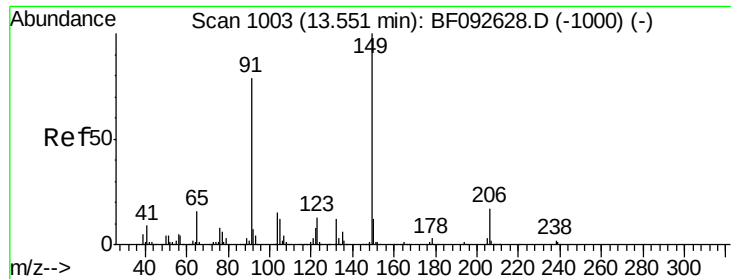
Acq: 17 Feb 2017 18:47

Tgt Ion:	244	Resp:	1592125
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.1	11.4	17.2



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





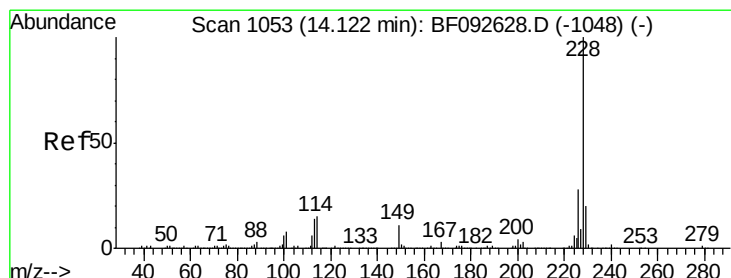
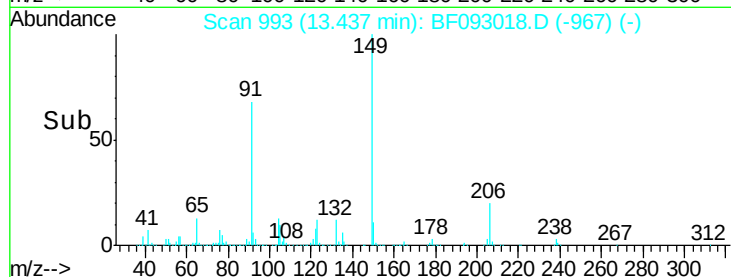
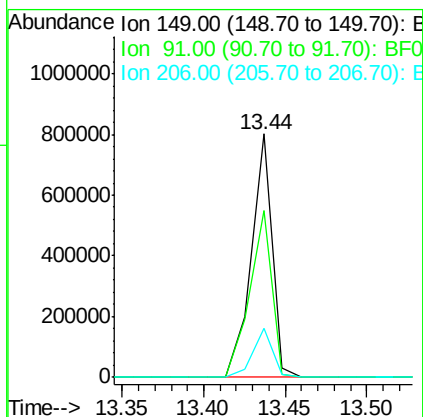
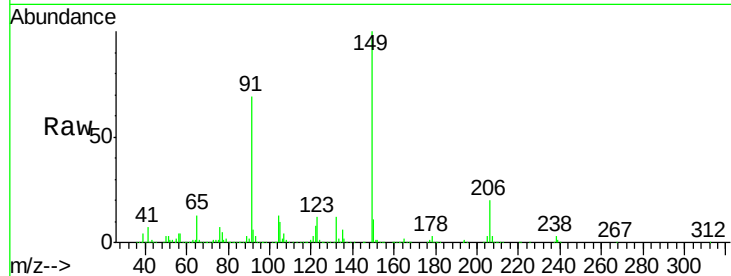
#79
Butylbenzylphthalate
Concen: 47.83 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampled :
M-3MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	63.9	95.9
206	20.1	14.6	21.8

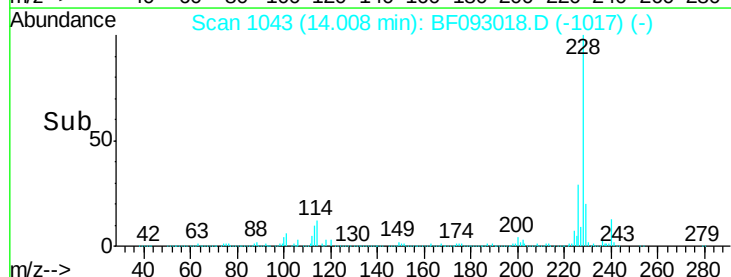
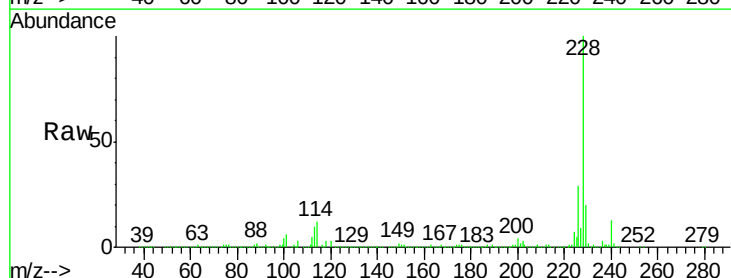
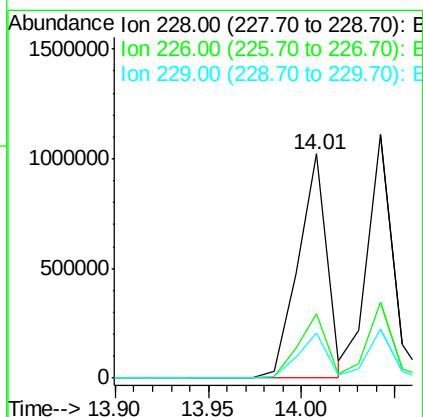
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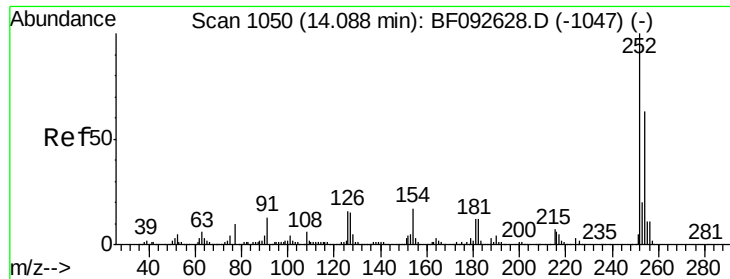
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#80
Benzo(a)anthracene
Concen: 37.11 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.4	33.6
229	20.1	16.2	24.4





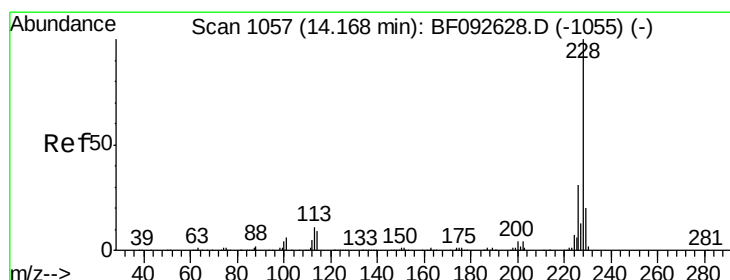
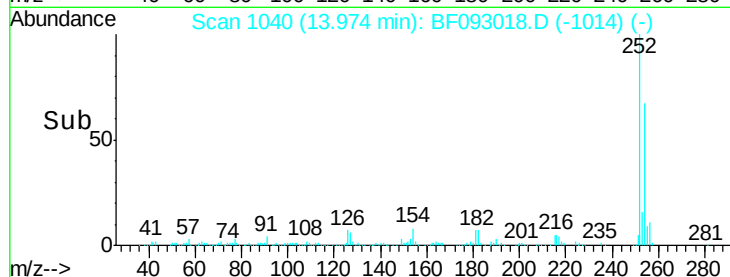
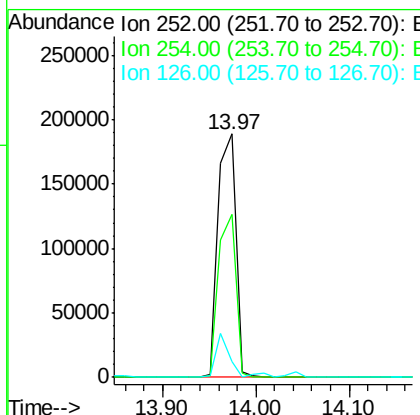
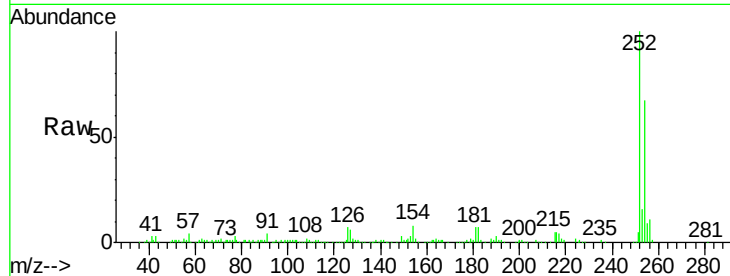
#81
 3,3'-Dichlorobenzidine
 Concen: 23.60 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampled :
 M-3MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.3	78.5
126	6.6	13.6	20.4

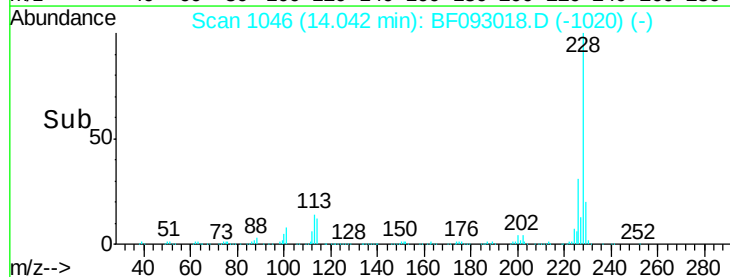
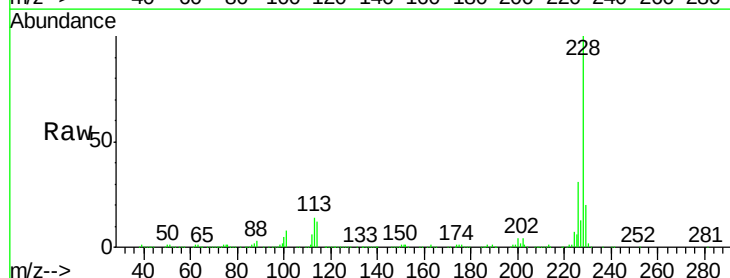
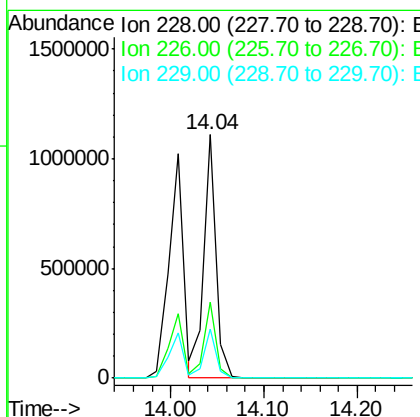
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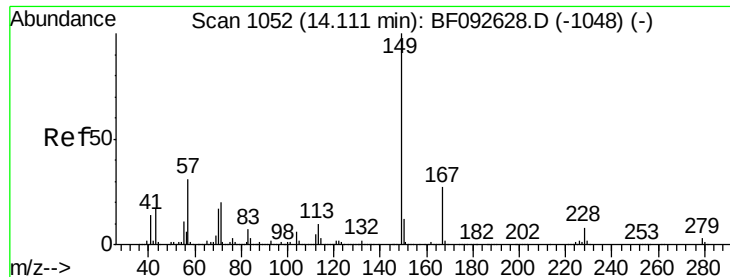
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#82
 Chrysene
 Concen: 36.91 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.2	16.2	24.2





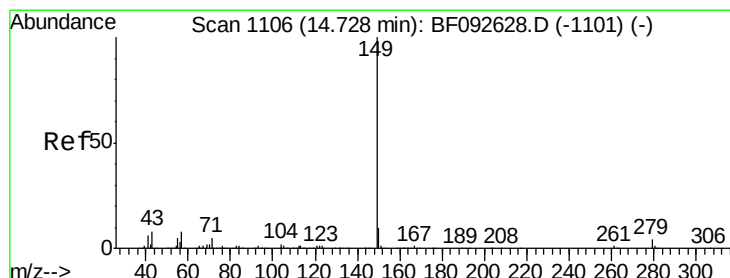
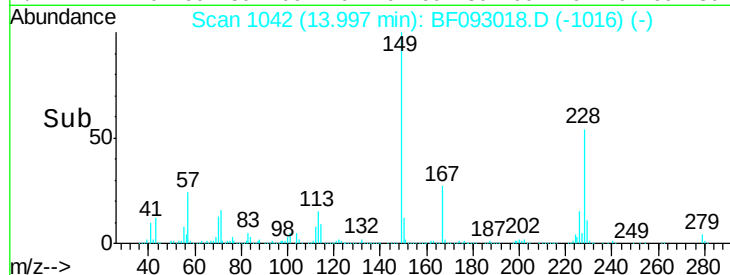
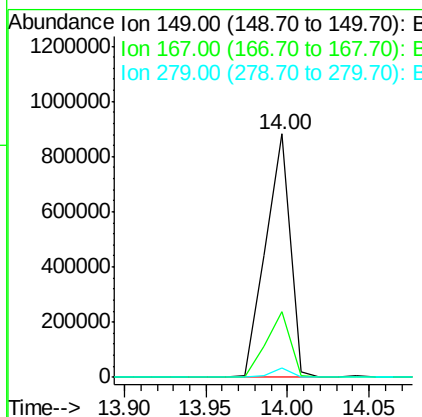
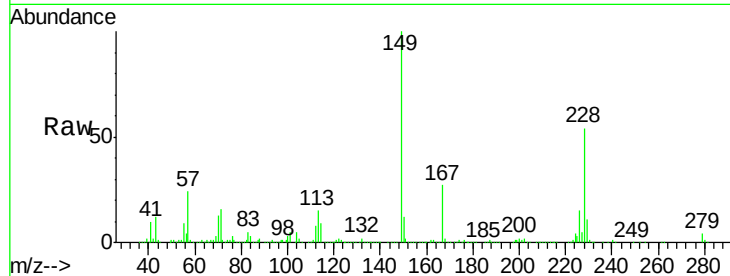
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.88 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.2	30.4
279	3.8	1.8	2.8

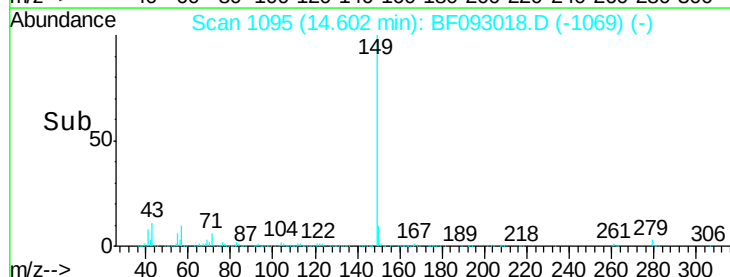
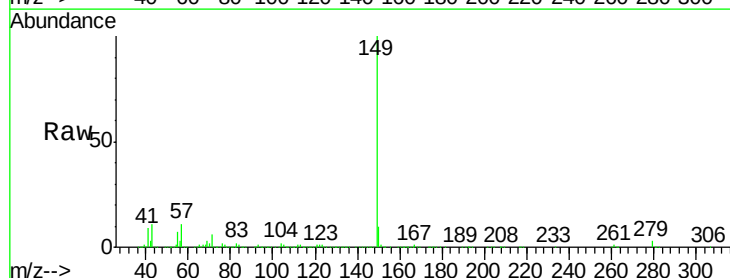
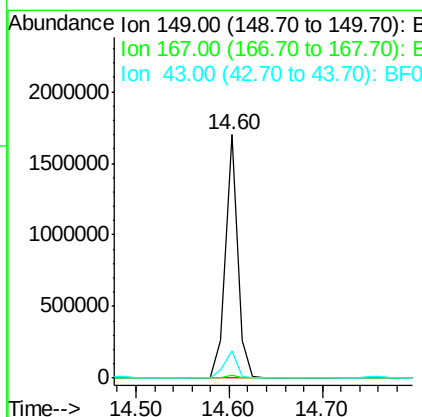
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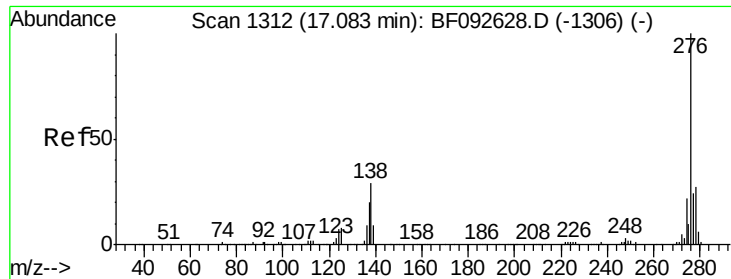
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#84
 Di-n-octyl phthalate
 Concen: 46.57 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	8.9	13.3





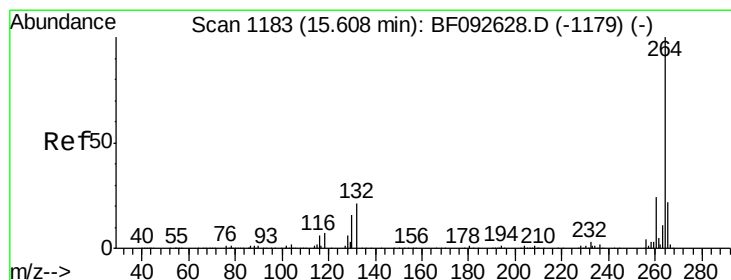
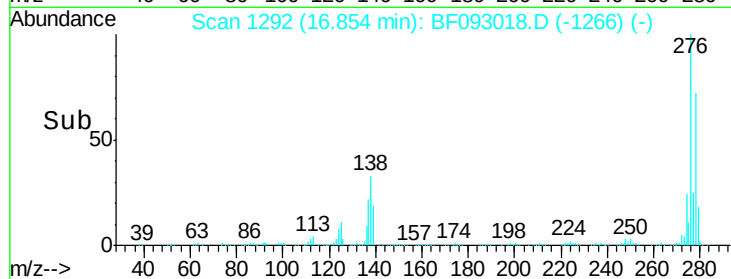
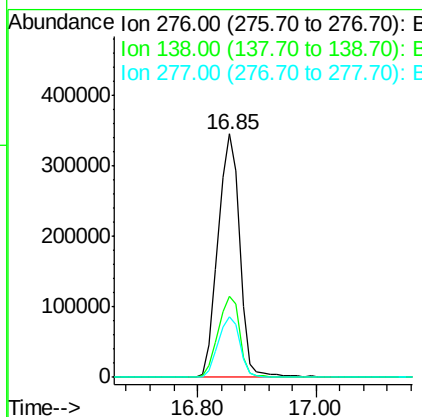
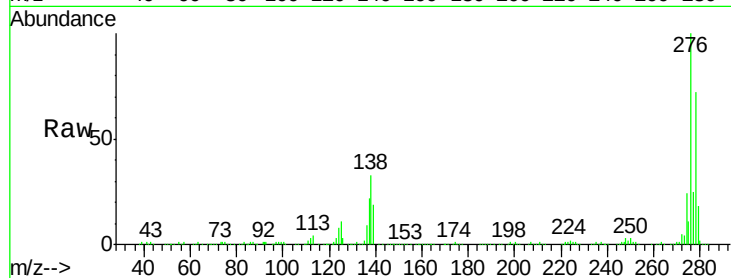
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.64 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	878888		
138	33.5	21.8	32.6	
277	25.2	20.2	30.4	

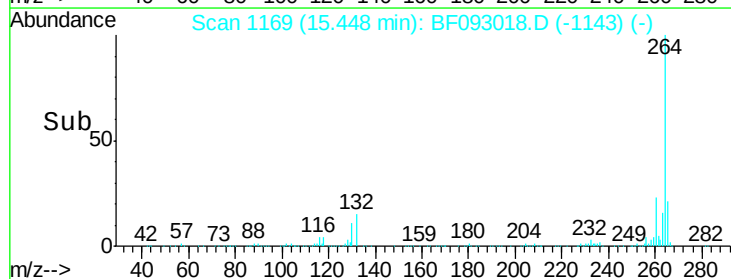
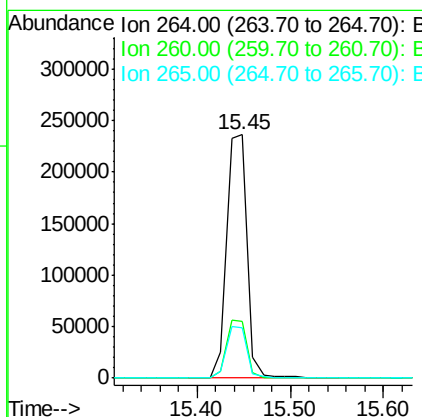
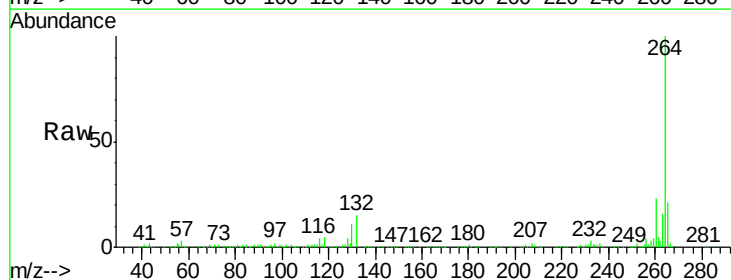
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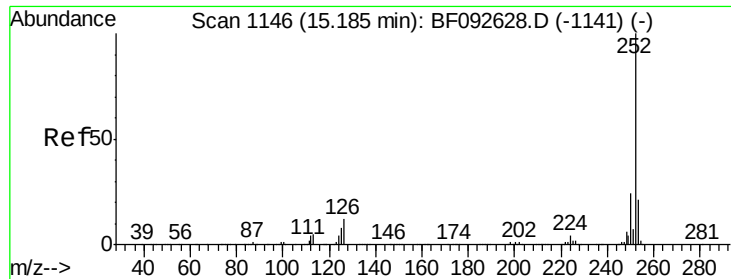
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	359522		
260	23.5	19.2	28.8	
265	20.8	17.4	26.0	





#87

Benzo(b)fluoranthene

Concen: 44.07 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Instrument :

BNA_F

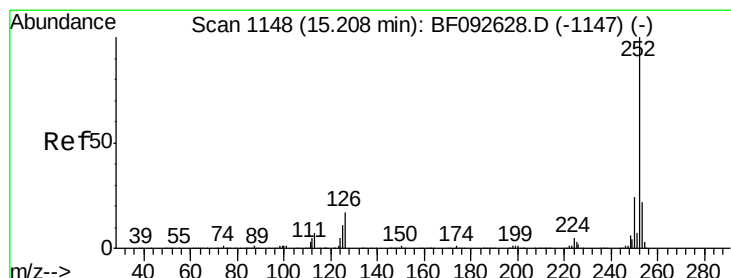
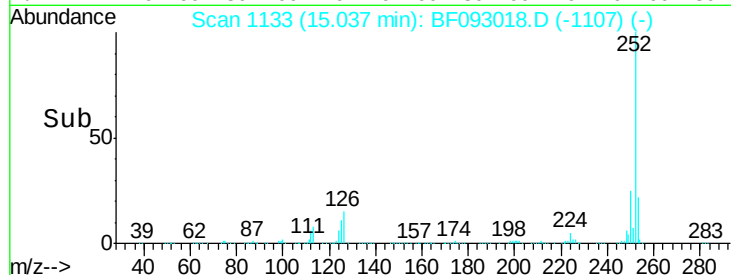
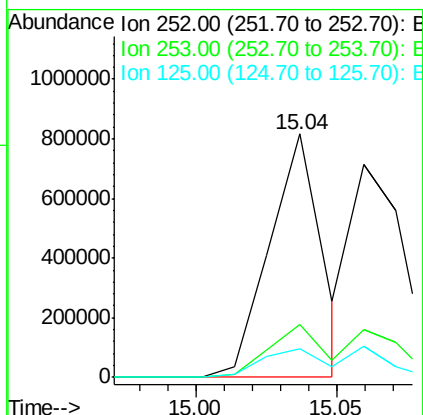
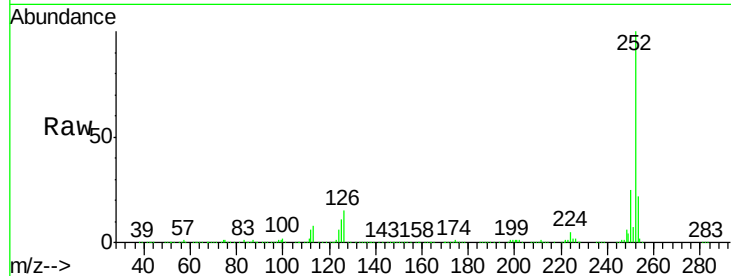
ClientSampled :

M-3MS

Tgt Ion:	252	Resp:	1042801
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	11.5	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 44.13 ng m

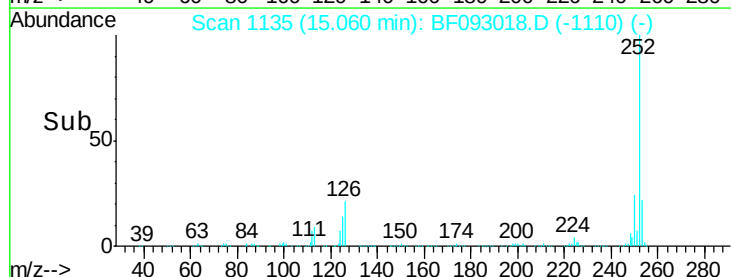
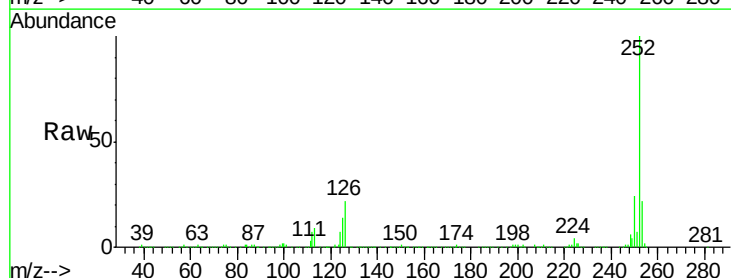
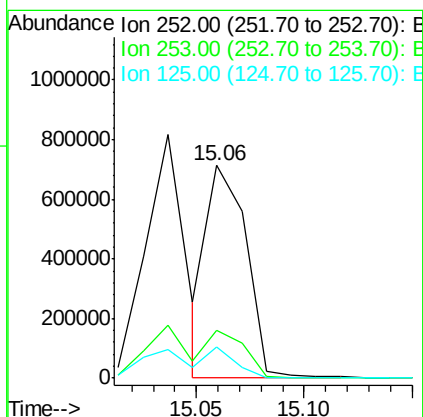
RT: 15.06 min Scan# 1135

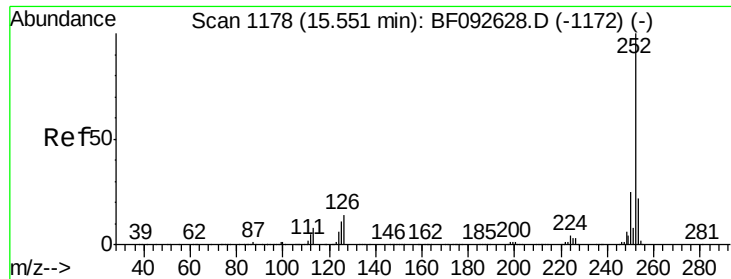
Delta R.T. -0.01 min

Lab File: BF093018.D

Acq: 17 Feb 2017 18:47

Tgt Ion:	252	Resp:	901616
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.5	27.7
125	14.4	8.9	13.3#





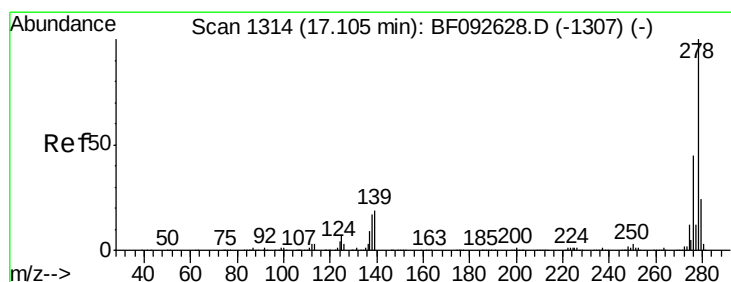
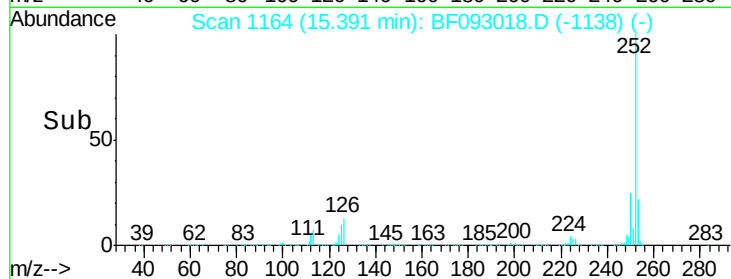
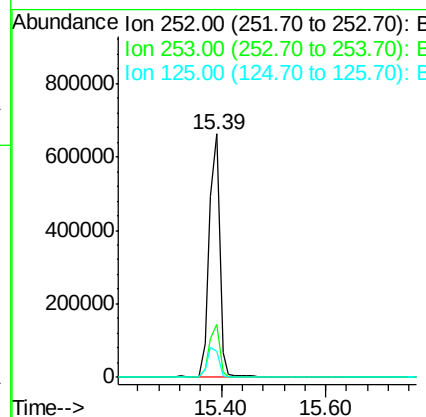
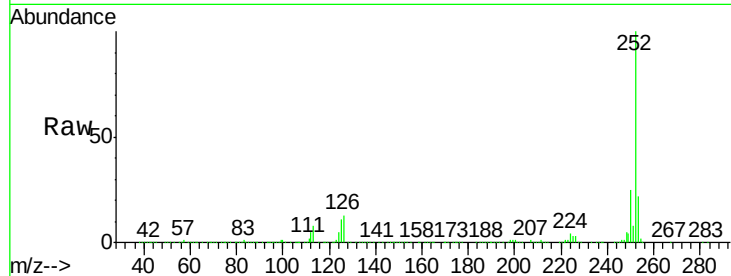
#89
Benzo(a)pyrene
Concen: 45.11 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Instrument :
BNA_F
ClientSampleId :
M-3MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.5	10.0	15.0

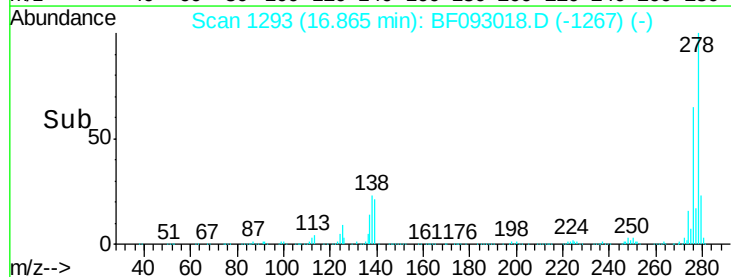
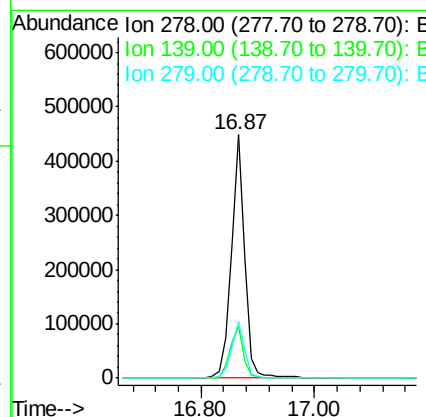
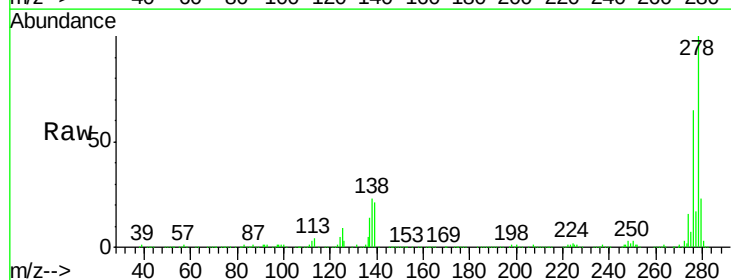
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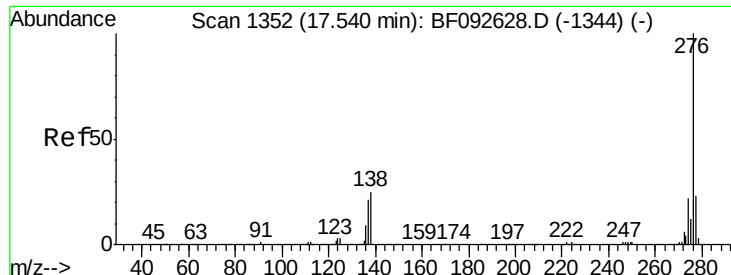
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#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF093018.D
Acq: 17 Feb 2017 18:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 45.35 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093018.D
 Acq: 17 Feb 2017 18:47

Instrument :
 BNA_F
 ClientSampleId :
 M-3MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	19.2	28.8
138	28.6	16.0	24.0

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