

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107634.D
 Acq On : 24 Jul 2018 22:07
 Operator : JU/SJ
 Sample : 4011-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Quant Time: Jul 25 01:05:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	246646	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	907970	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	356392	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	614628	20.00	ng	0.00
75) Chrysene-d12	14.16	240	438630	20.00	ng	0.00
86) Perylene-d12	15.69	264	361408	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1747257	113.90	ng	0.00
7) Phenol-d6	6.62	99	1988626	107.96	ng	0.00
23) Nitrobenzene-d5	7.54	82	1261739	93.78	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	469742	115.91	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1984610	100.04	ng	0.00
78) Terphenyl-d14	13.09	244	1568024	91.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	219671	30.765	ng	# 87
3) Pyridine	3.67	79	589882	30.368	ng	85
4) n-Nitrosodimethylamine	3.64	42	271357	33.123	ng	94
6) Aniline	6.64	93	558262	23.498	ng	# 72
8) 2-Chlorophenol	6.77	128	637223	38.772	ng	97
9) Benzaldehyde	6.52	77	293637	23.428	ng	94
10) Phenol	6.63	94	745120	34.396	ng	86
11) bis(2-Chloroethyl)ether	6.71	93	629494	35.050	ng	93
12) 1,3-Dichlorobenzene	6.91	146	684385	36.728	ng	99
13) 1,4-Dichlorobenzene	6.99	146	725618	37.993	ng	100
14) 1,2-Dichlorobenzene	7.14	146	631782	36.861	ng	98
15) Benzyl Alcohol	7.11	79	491785	39.174	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1000193	33.010	ng	69
17) 2-Methylphenol	7.23	107	527369	37.753	ng	# 86
18) Hexachloroethane	7.48	117	188348	28.117	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	421344	35.408	ng	# 98
20) 3+4-Methylphenols	7.38	107	659507	39.760	ng	# 62
22) Acetophenone	7.38	105	869602	40.781	ng	# 90
24) Nitrobenzene	7.56	77	643068	41.731	ng	96
25) Isophorone	7.79	82	1167480	40.642	ng	99
26) 2-Nitrophenol	7.87	139	307318	47.226	ng	100
27) 2,4-Dimethylphenol	7.91	122	540018	43.841	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	757239	39.445	ng	100
29) 2,4-Dichlorophenol	8.12	162	529106	42.026	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	544635	38.516	ng	98
31) Naphthalene	8.28	128	1720292	43.086	ng	98
32) Benzoic acid	7.98	122	49130	12.673	ng	# 82
33) 4-Chloroaniline	8.33	127	341075	19.544	ng	97
34) Hexachlorobutadiene	8.38	225	322556	38.388	ng	99
35) Caprolactam	8.70	113	153062	37.377	ng	# 80
36) 4-Chloro-3-methylphenol	8.81	107	541793	38.740	ng	98
37) 2-Methylnaphthalene	8.97	142	1136315	41.070	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	535643	45.061	ng	# 98
40) Hexachlorocyclopentadiene	9.11	237	53006	8.772	ng	96

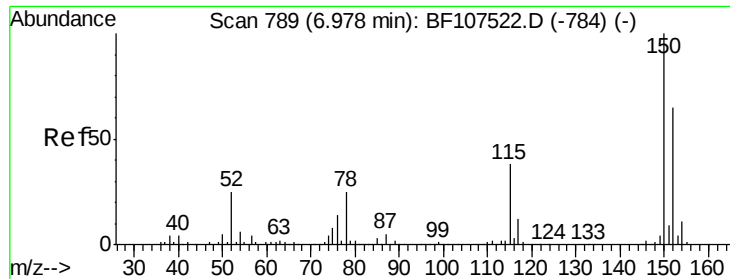
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	330947	43.495	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	354371	44.562	ng	97
45) 1,1'-Biphenyl	9.43	154	1349235	43.459	ng	98
46) 2-Chloronaphthalene	9.46	162	996754	42.003	ng	100
47) 2-Nitroaniline	9.56	65	362810	52.442	ng	87
48) Acenaphthylene	9.88	152	1540710	43.220	ng	97
49) Dimethylphthalate	9.73	163	1403130	52.239	ng	99
50) 2,6-Dinitrotoluene	9.80	165	233932	43.867	ng	94
51) Acenaphthene	10.05	154	914069	40.925	ng	99
52) 3-Nitroaniline	9.98	138	271241	41.809	ng	95
53) 2,4-Dinitrophenol	10.10	184	3203	10.028	ng	# 18
54) Dibenzofuran	10.22	168	1358390	41.311	ng	99
55) 4-Nitrophenol	10.15	139	318187	65.507	ng	94
56) 2,4-Dinitrotoluene	10.21	165	275023	42.724	ng	94
57) Fluorene	10.57	166	1018218	43.405	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	267528	40.422	ng	# 86
59) Diethylphthalate	10.42	149	1162228	41.431	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	513444	38.716	ng	90
61) 4-Nitroaniline	10.60	138	275729	50.586	ng	97
62) Azobenzene	10.71	77	990510	37.656	ng	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	9398	11.275	ng	# 73
65) n-Nitrosodiphenylamine	10.67	169	920070	44.077	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	303703	41.976	ng	# 90
67) Hexachlorobenzene	11.11	284	314188	39.466	ng	# 88
68) Atrazine	11.20	200	256708	40.278	ng	97
69) Pentachlorophenol	11.31	266	268716	54.040	ng	99
70) Phenanthrene	11.54	178	1282431	42.818	ng	99
71) Anthracene	11.58	178	1333964	44.235	ng	98
72) Carbazole	11.74	167	1239486	39.526	ng	99
73) Di-n-butylphthalate	12.05	149	1545062	49.245	ng	100
74) Fluoranthene	12.72	202	1337457	41.614	ng	97
76) Benzidine	12.85	184	777040	61.515	ng	98
77) Pyrene	12.96	202	1296889	43.226	ng	99
79) Butylbenzylphthalate	13.56	149	591632	45.853	ng	93
80) Benzo(a)anthracene	14.15	228	1044079	40.619	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	368575	49.920	ng	98
82) Chrysene	14.19	228	1035367	41.932	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	762413	41.878	ng	97
84) Di-n-octyl phthalate	14.73	149	1286151	45.449	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	767178	36.660	ng	# 94
87) Benzo(b)fluoranthene	15.24	252	833994	42.165	ng	97
88) Benzo(k)fluoranthene	15.27	252	888618	45.856	ng	# 97
89) Benzo(a)pyrene	15.62	252	789907	43.658	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	650039	41.563	ng	# 95
91) Benzo(g,h,i)perylene	17.75	276	608018	39.412	ng	93

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

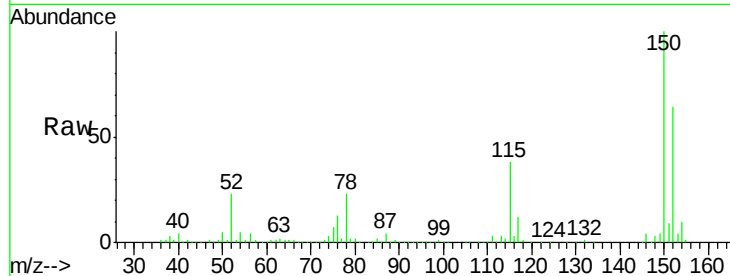


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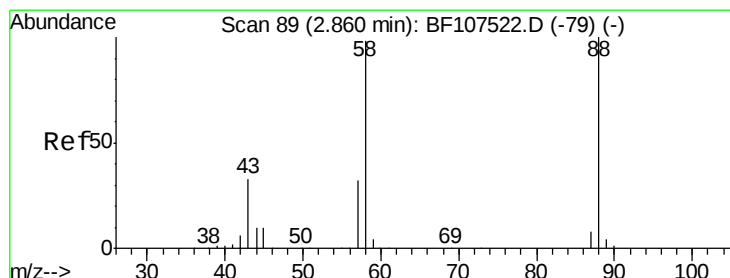
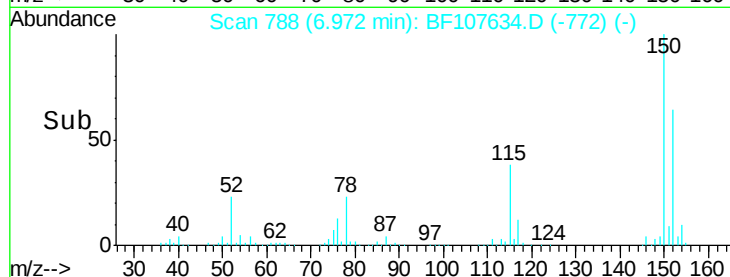
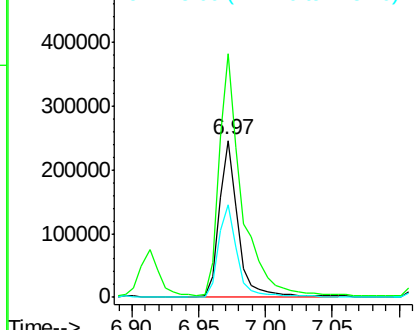
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion: 152 Resp: 246646
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.6 50.1 75.1



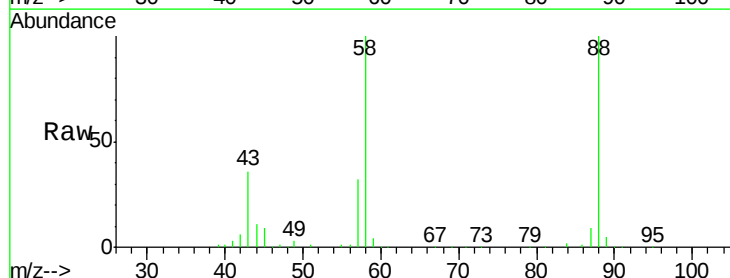
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



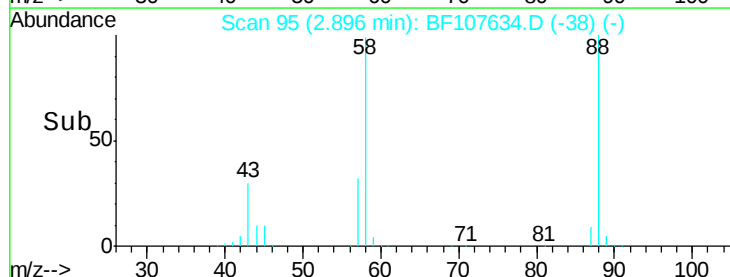
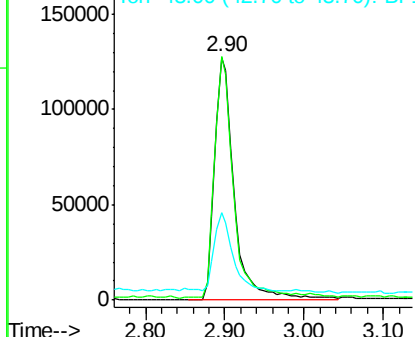
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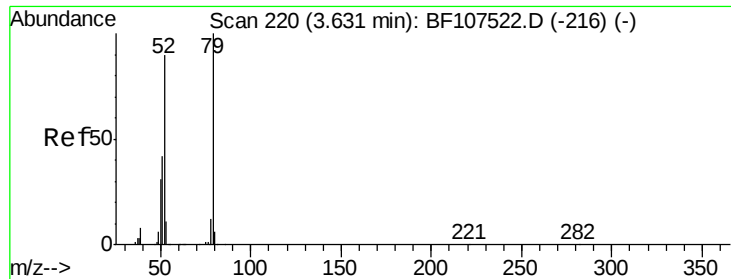
1,4-Dioxane
Concen: 30.765 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 88 Resp: 219671
Ion Ratio Lower Upper
88 100
58 93.9 62.6 93.8#
43 29.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 30.368 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

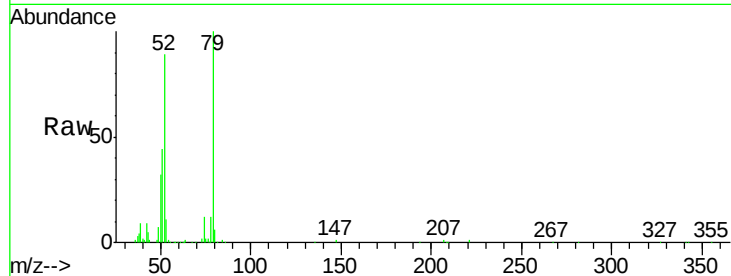
Tgt Ion: 79 Resp: 589882

Ion Ratio Lower Upper

79 100

52 88.8 59.8 89.6

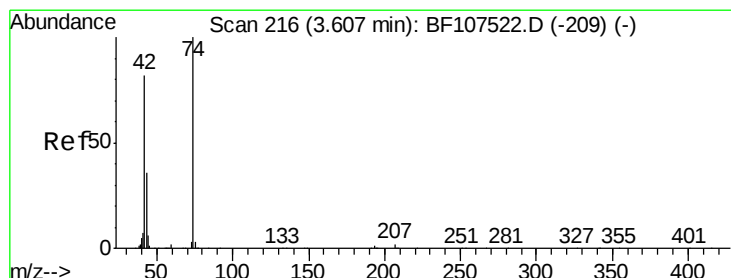
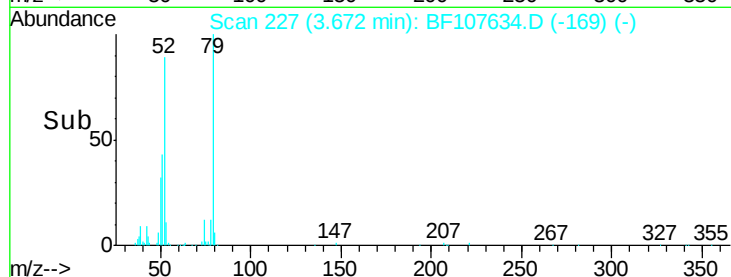
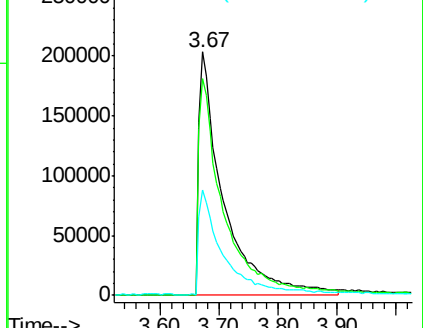
51 43.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.123 ng

RT: 3.64 min Scan# 221

Delta R.T. 0.03 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

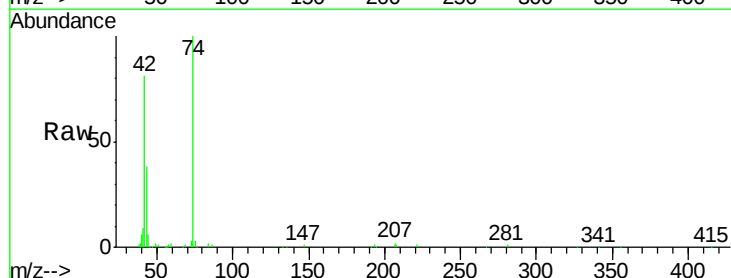
Tgt Ion: 42 Resp: 271357

Ion Ratio Lower Upper

42 100

74 123.7 104.9 157.3

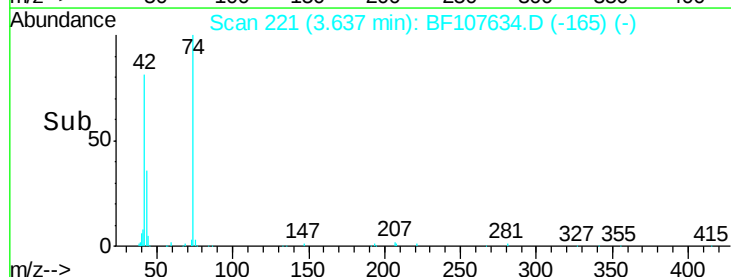
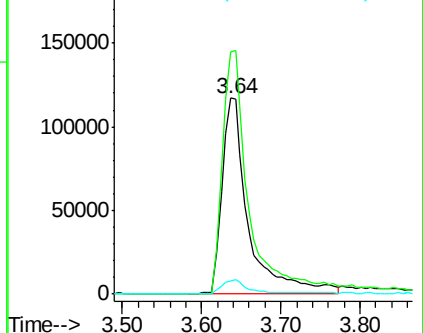
44 7.0 6.9 10.3

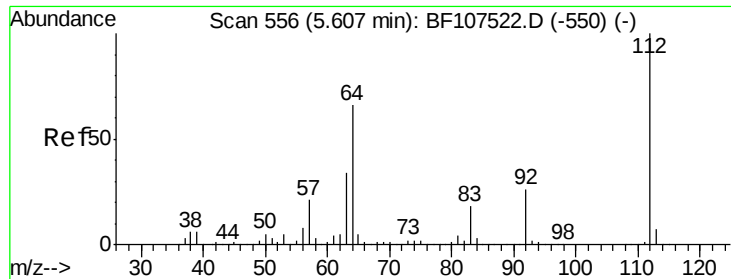


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.898 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

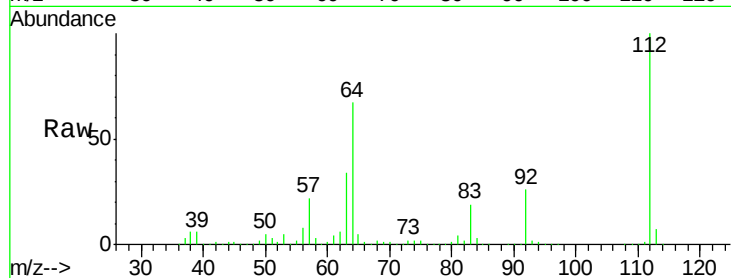
Tgt Ion: 112 Resp: 1747257

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

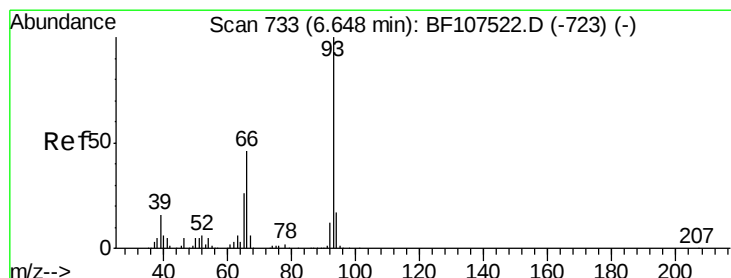
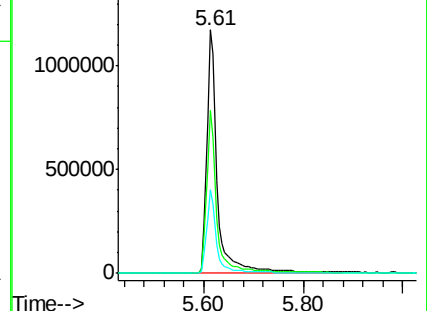
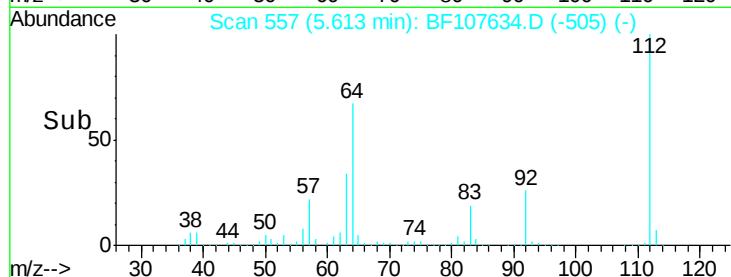
63 34.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.498 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

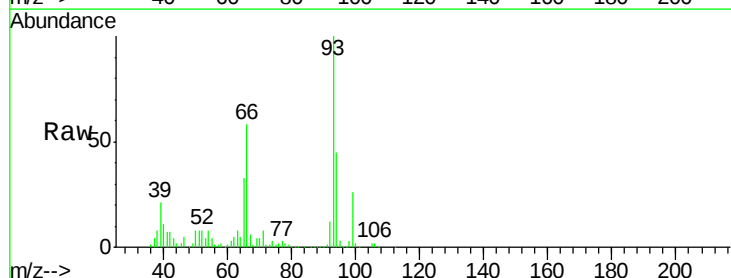
Tgt Ion: 93 Resp: 558262

Ion Ratio Lower Upper

93 100

66 57.8 32.2 48.2#

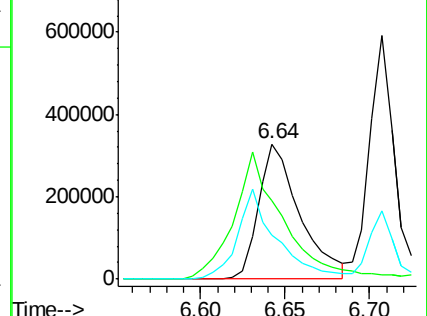
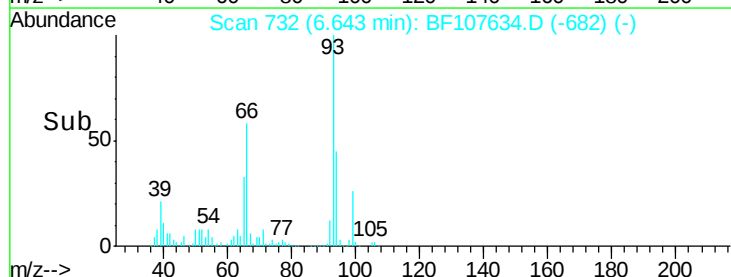
65 32.7 16.4 24.6#

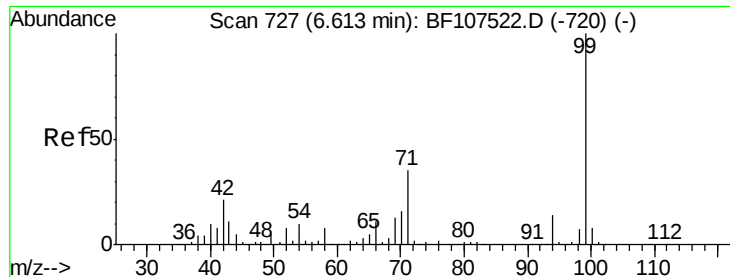


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.961 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

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20180413-CORE-3MS

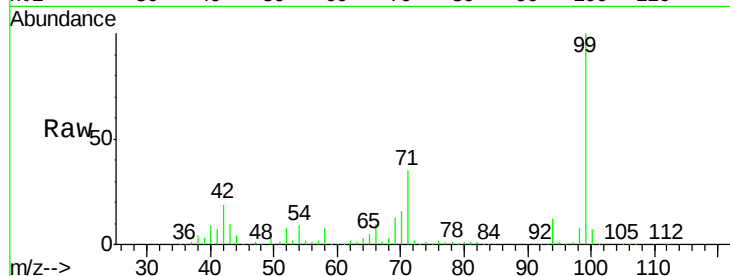
Tgt Ion: 99 Resp: 1988626

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

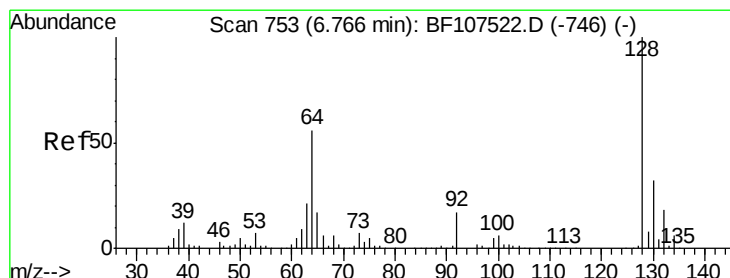
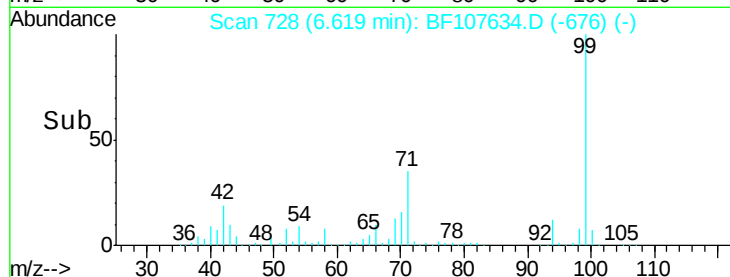
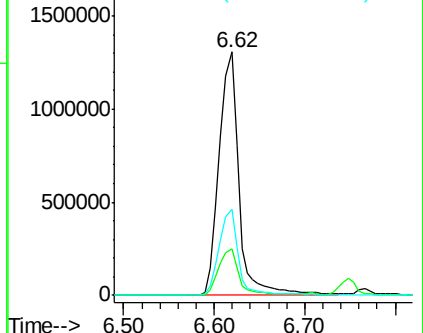
71 35.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.772 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

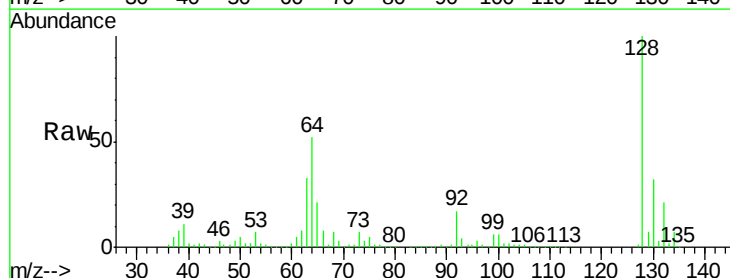
Tgt Ion: 128 Resp: 637223

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

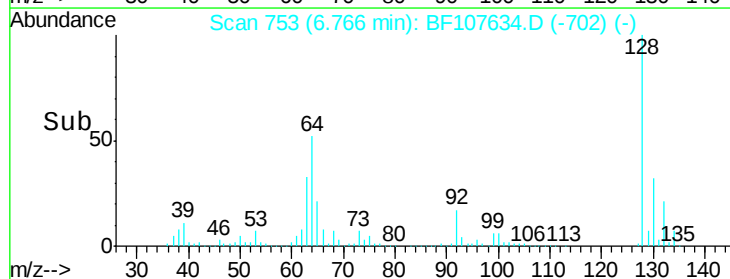
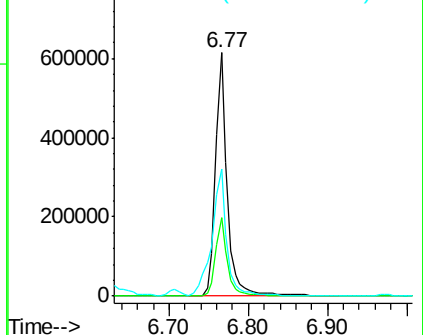
64 52.3 29.4 69.4

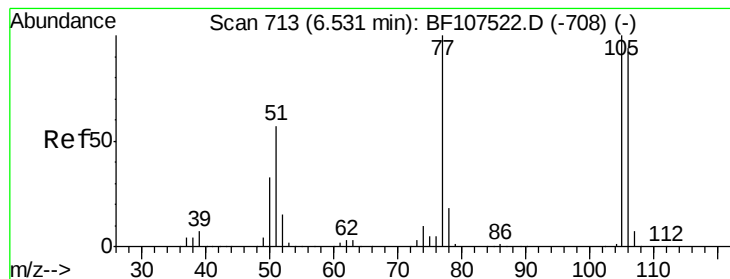


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.428 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

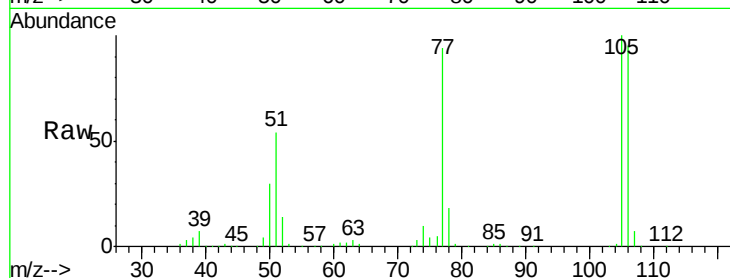
Tgt Ion: 77 Resp: 293637

Ion Ratio Lower Upper

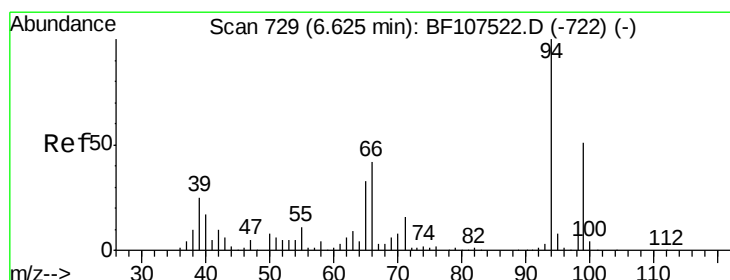
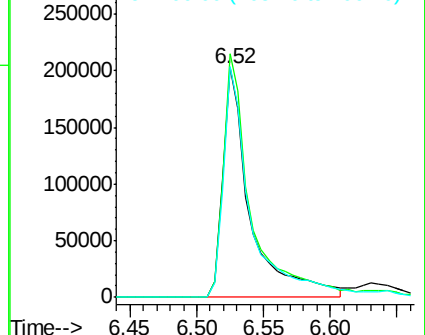
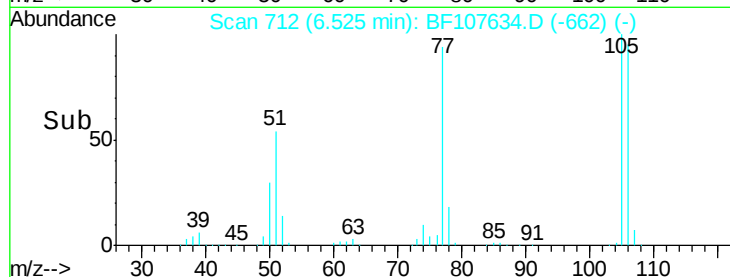
77 100

105 106.3 81.1 121.1

106 100.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.396 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

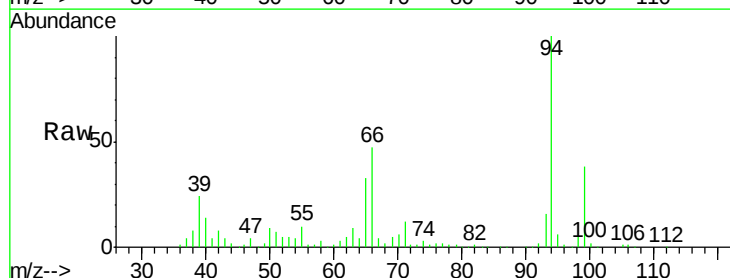
Tgt Ion: 94 Resp: 745120

Ion Ratio Lower Upper

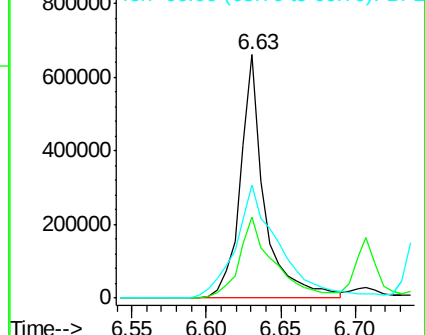
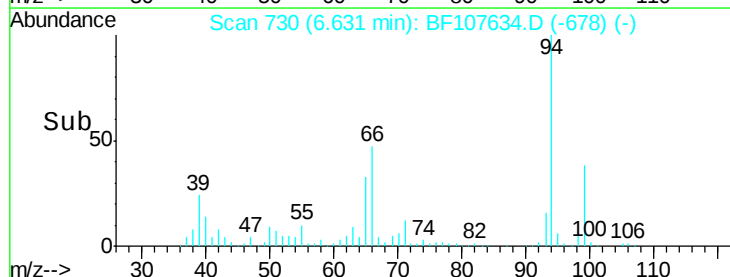
94 100

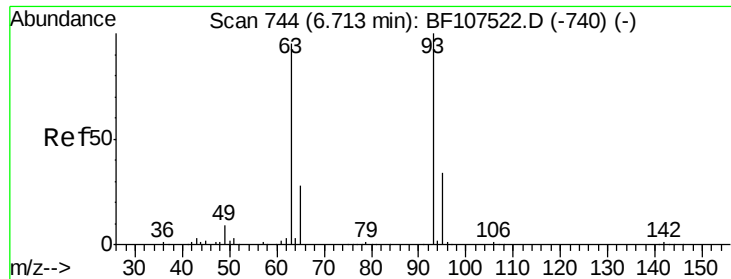
65 33.1 7.9 47.9

66 46.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

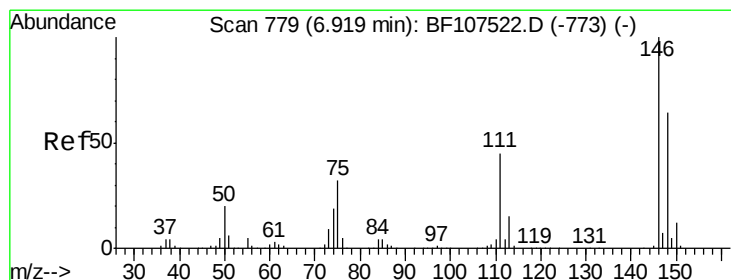
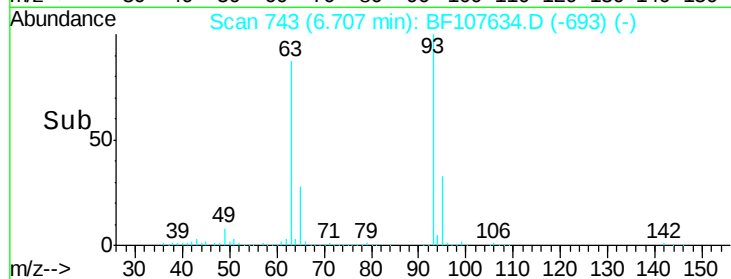
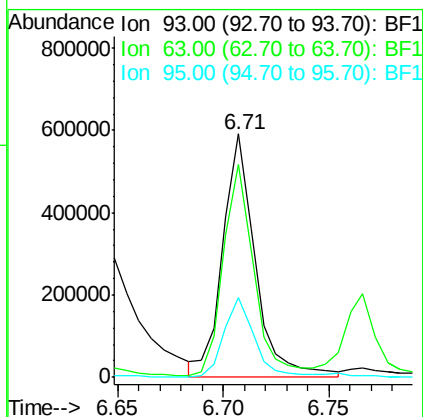
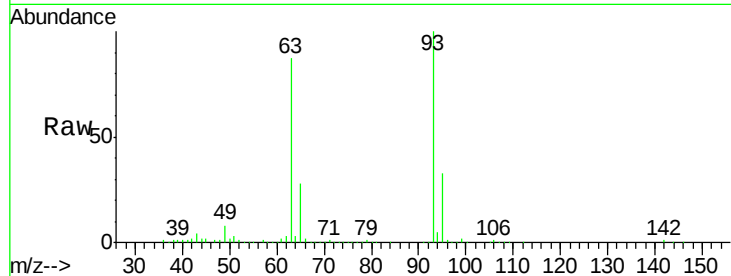




#11
bis(2-Chloroethyl)ether
Concen: 35.050 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

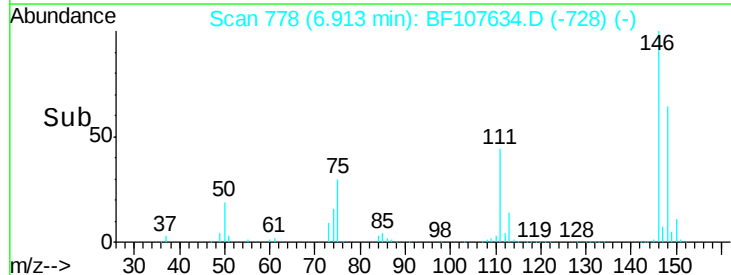
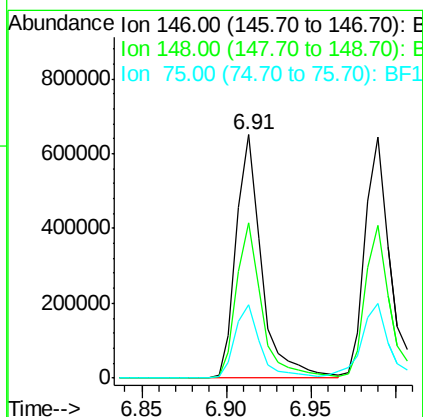
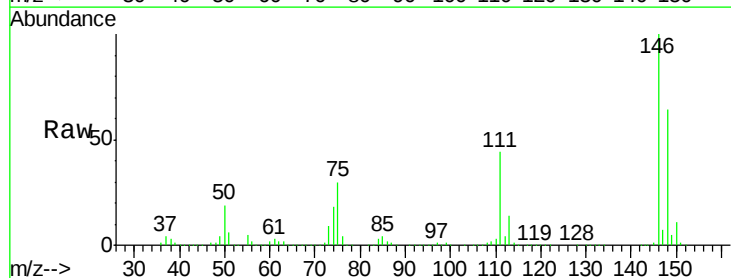
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

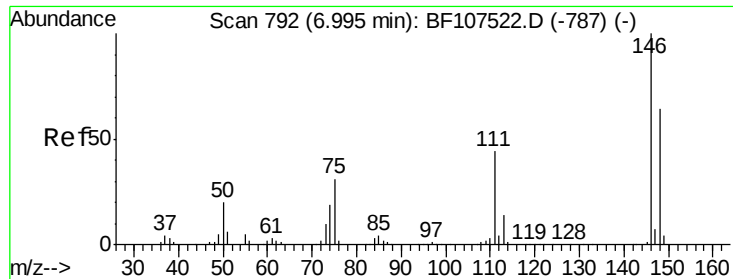
Tgt Ion: 93 Resp: 629494
Ion Ratio Lower Upper
93 100
63 87.2 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.728 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 146 Resp: 684385
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 29.9 24.2 36.4

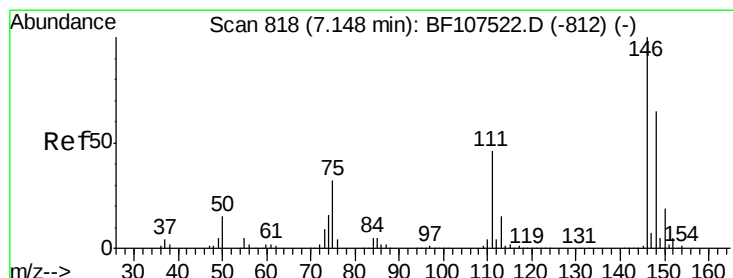
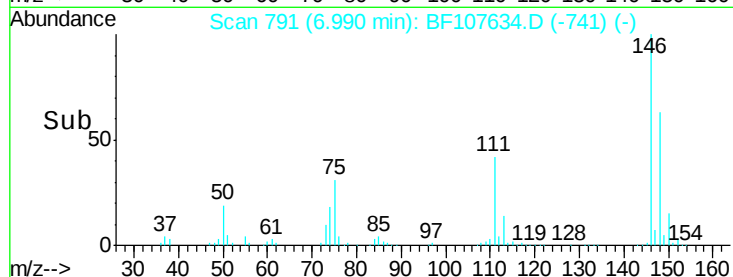
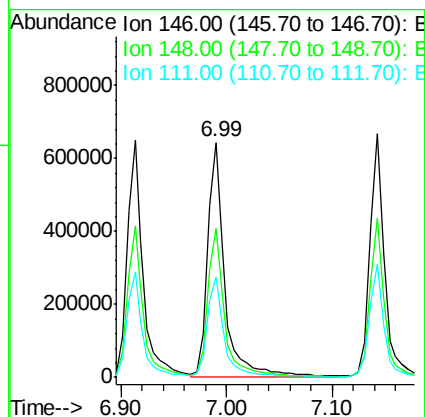
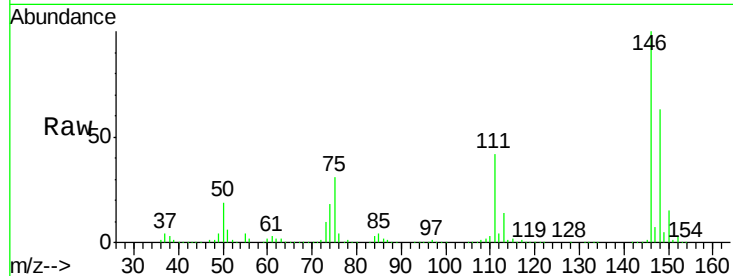




#13
 1,4-Dichlorobenzene
 Concen: 37.993 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

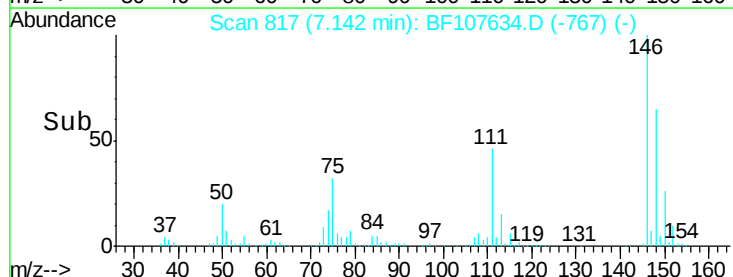
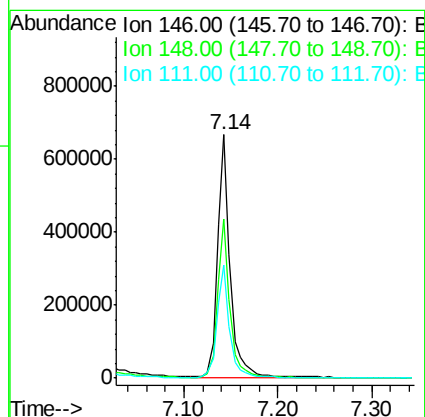
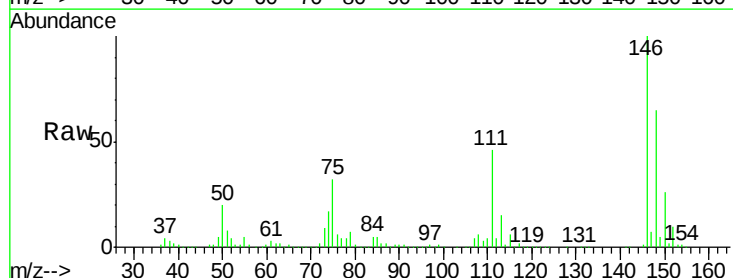
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

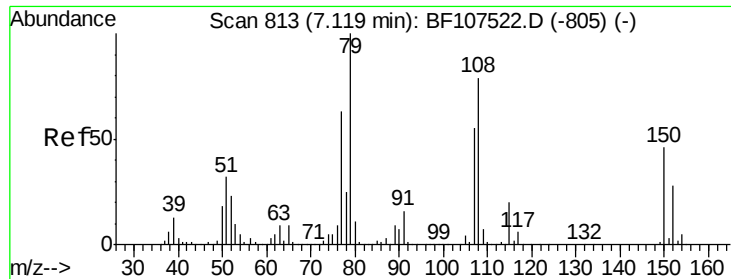
Tgt Ion:146 Resp: 725618
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 42.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.861 ng
 RT: 7.14 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:146 Resp: 631782
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 75.8
 111 46.4 36.0 54.0

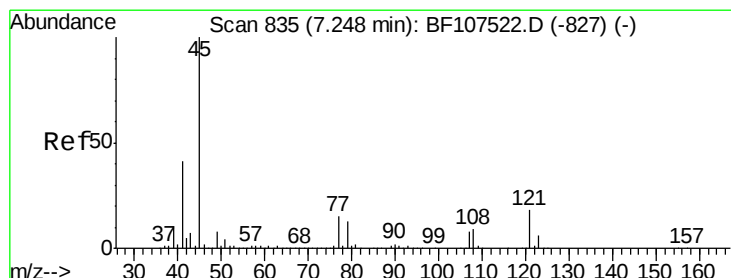
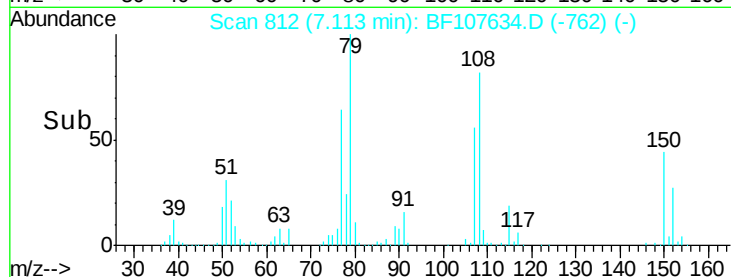
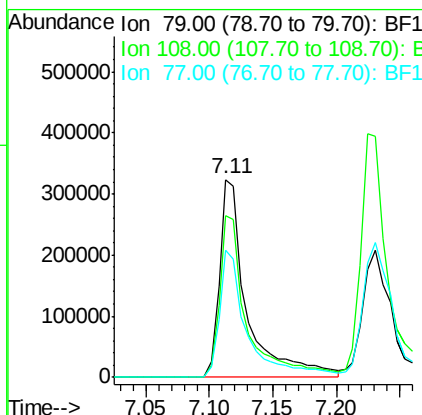
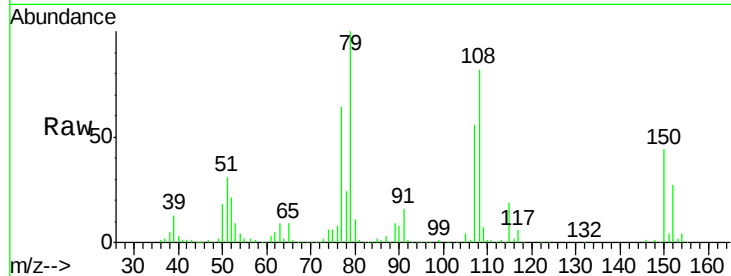




#15
Benzyl Alcohol
Concen: 39.174 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

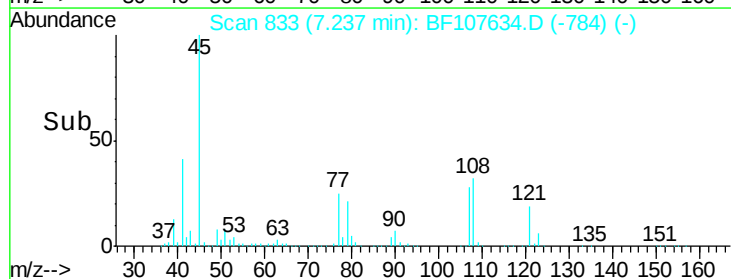
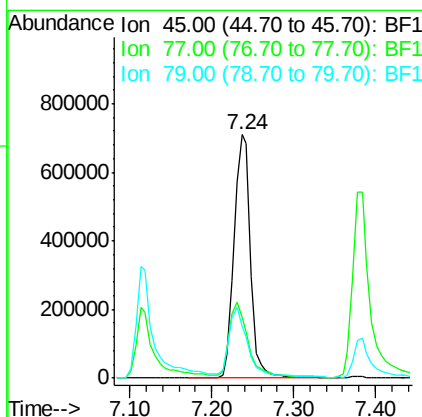
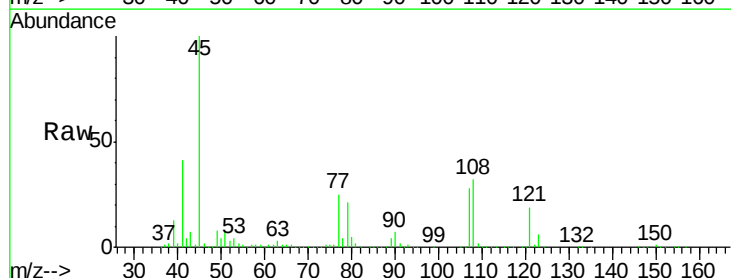
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

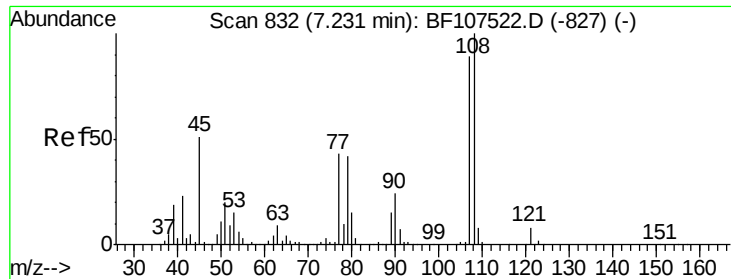
Tgt Ion: 79 Resp: 491785
Ion Ratio Lower Upper
79 100
108 81.7 65.1 97.7
77 64.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.010 ng
RT: 7.24 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 45 Resp: 1000193
Ion Ratio Lower Upper
45 100
77 24.7 0.0 32.9
79 21.2 0.0 29.6

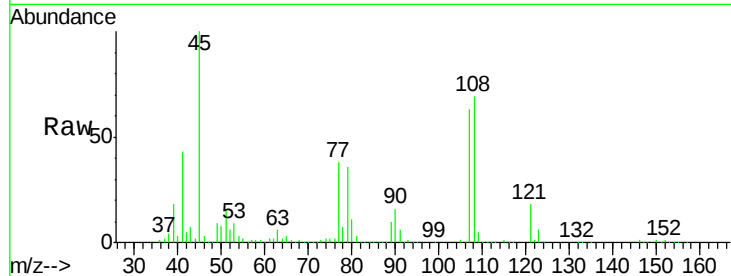




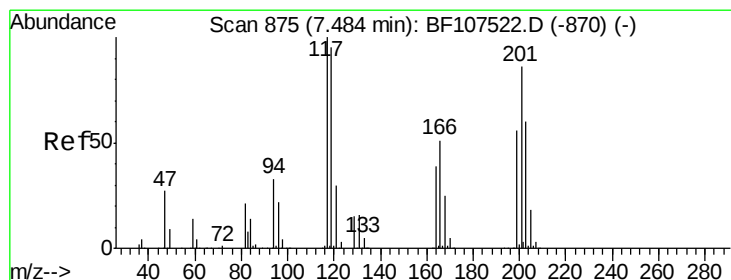
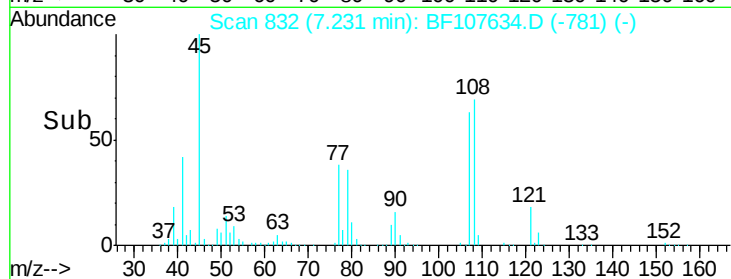
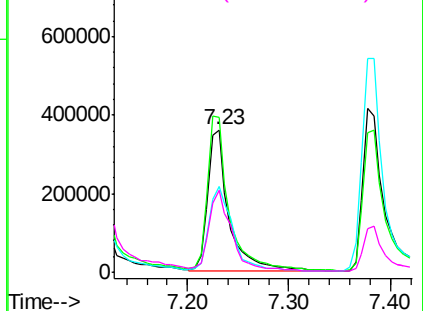
#17
2-Methylphenol
Concen: 37.753 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:107 Resp: 527369
Ion Ratio Lower Upper
107 100
108 109.2 91.7 137.5
77 60.7 33.8 50.8#
79 57.2 33.8 50.8#

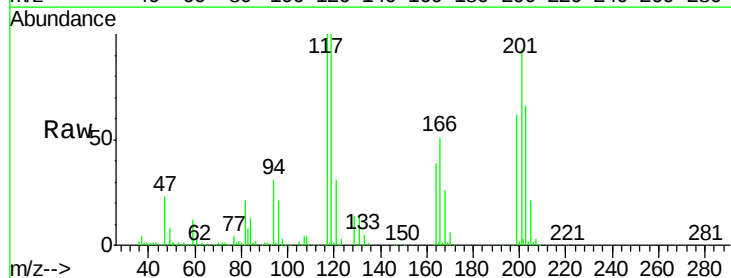


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

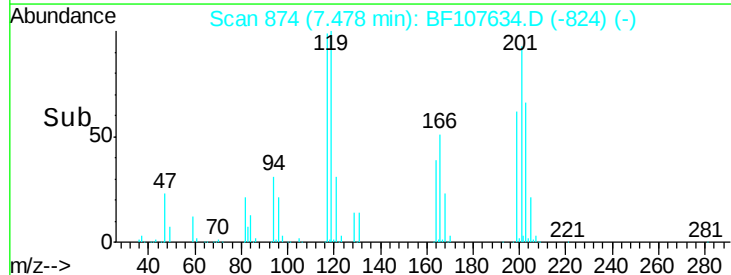
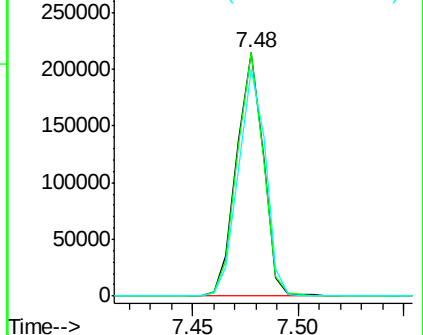


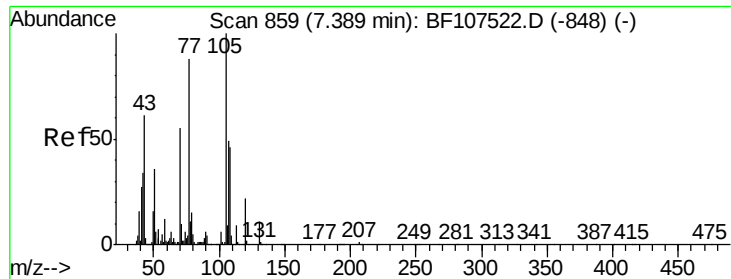
#18
Hexachloroethane
Concen: 28.117 ng
RT: 7.48 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:117 Resp: 188348
Ion Ratio Lower Upper
117 100
119 100.1 75.8 113.8
201 93.3 75.7 113.5



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

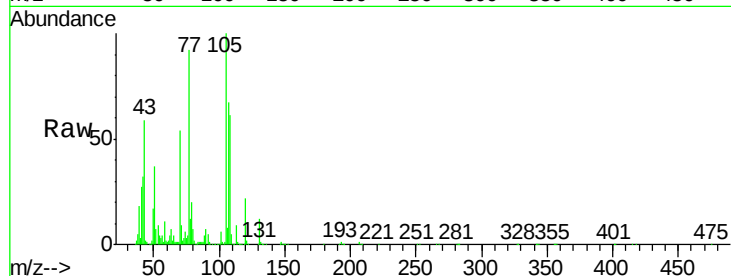




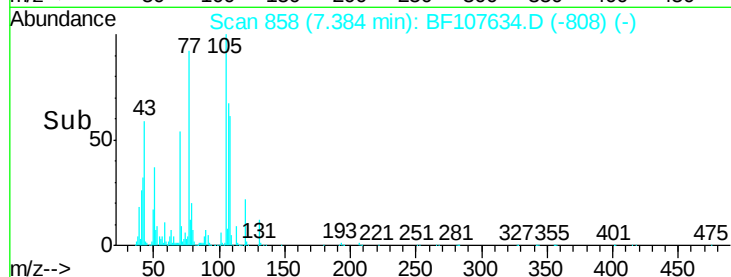
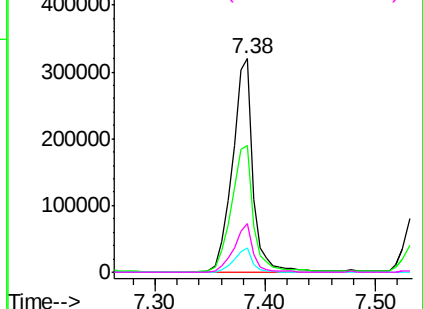
#19
n-Nitroso-di-n-propylamine
Concen: 35.408 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion: 70 Resp: 421344
Ion Ratio Lower Upper
70 100
42 59.2 47.5 71.3
101 11.2 7.4 11.2#
130 22.6 16.6 25.0

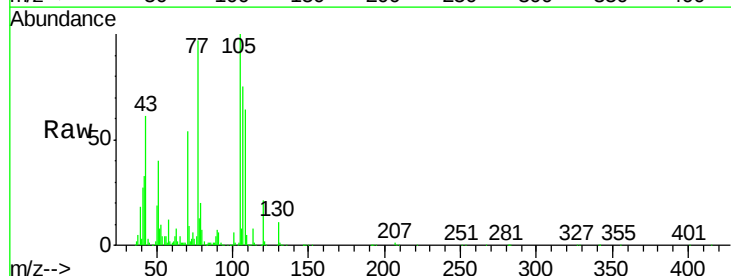
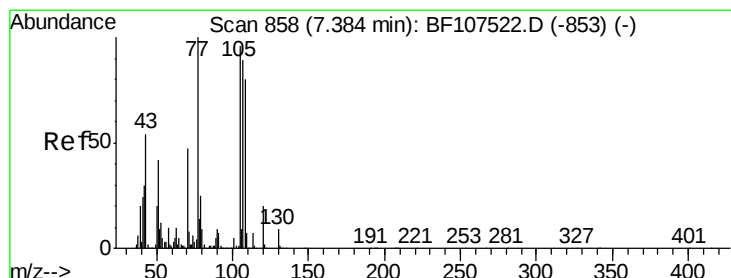


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

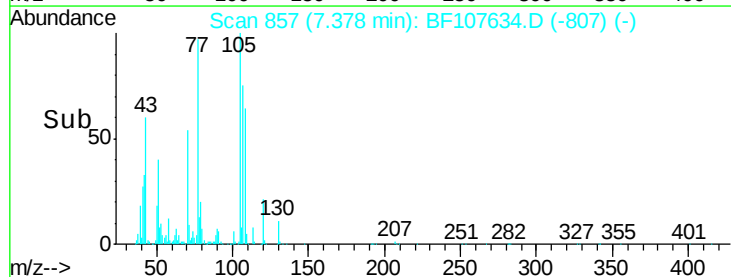
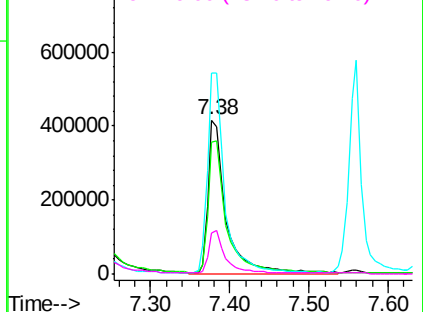


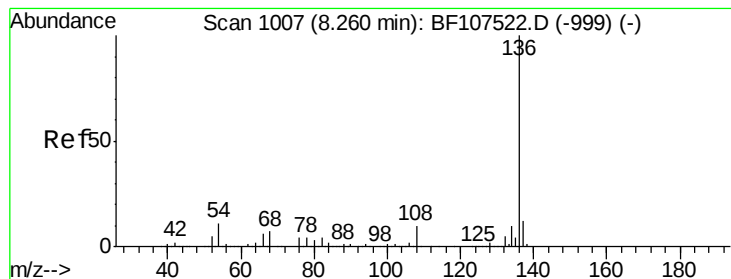
#20
3+4-Methylphenols
Concen: 39.760 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 107 Resp: 659507
Ion Ratio Lower Upper
107 100
108 85.4 68.2 108.2
77 130.5 26.7 66.7#
79 26.2 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

Tgt Ion:136 Resp: 907970

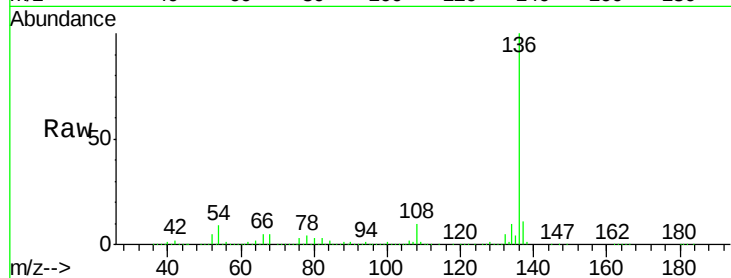
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

68 5.5 5.0 7.4

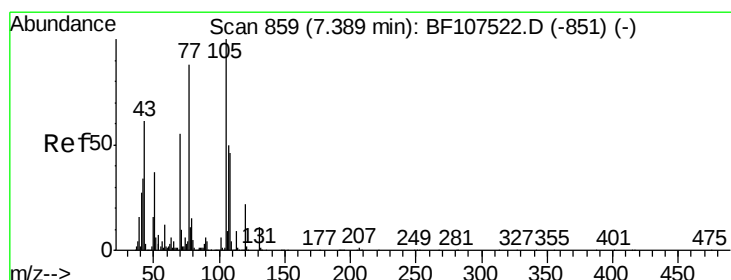
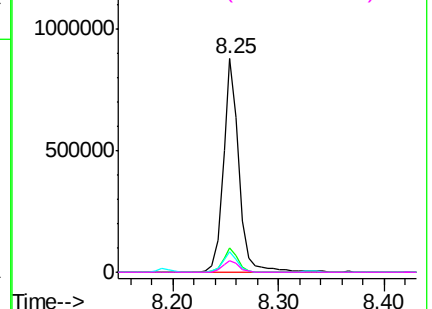
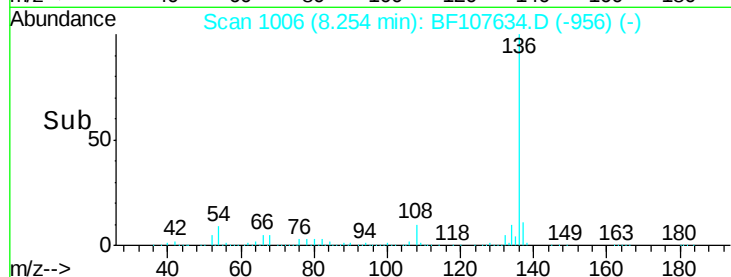


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.781 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Tgt Ion:105 Resp: 869602

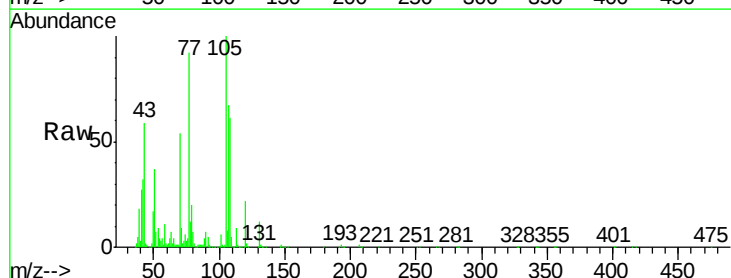
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 36.8 22.3 33.5#

120 21.6 16.9 25.3

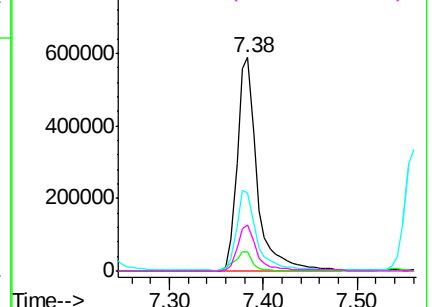
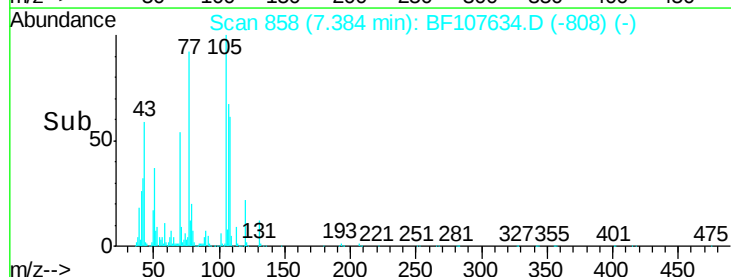


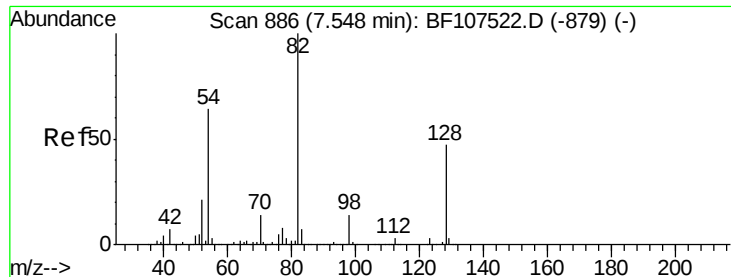
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.783 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

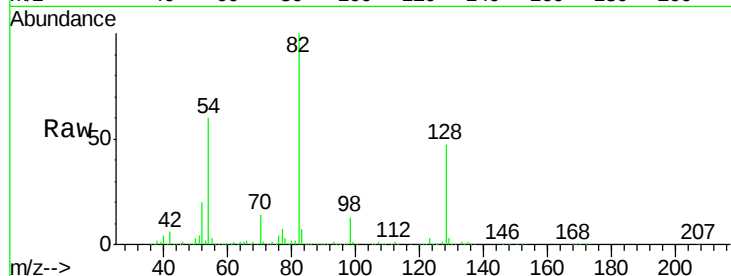
Tgt Ion: 82 Resp: 1261739

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

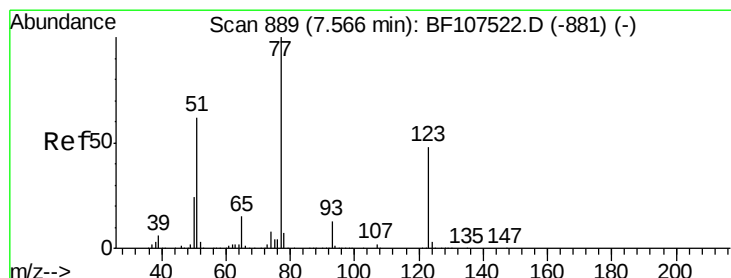
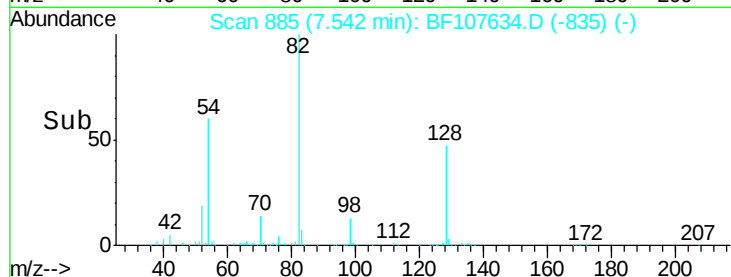
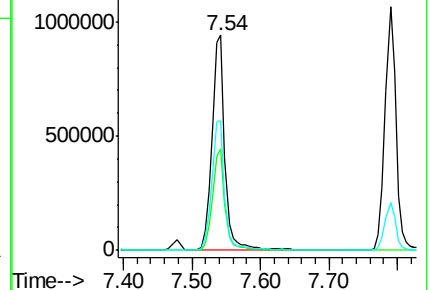
54 60.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.731 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

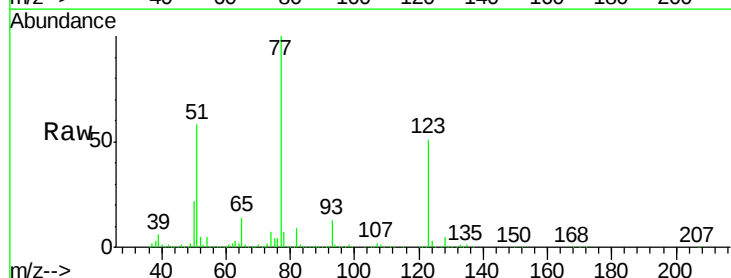
Tgt Ion: 77 Resp: 643068

Ion Ratio Lower Upper

77 100

123 50.6 37.9 56.9

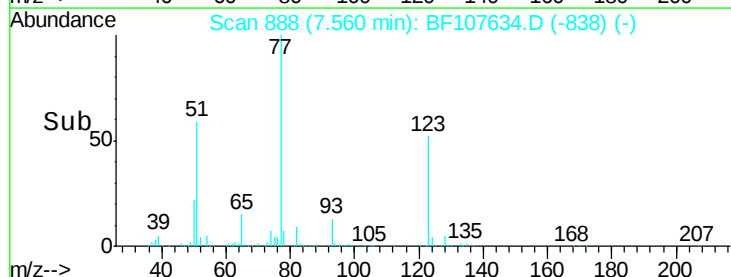
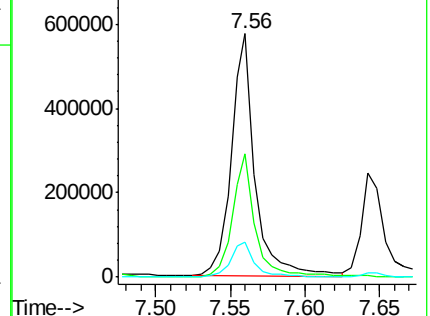
65 14.4 11.0 16.4

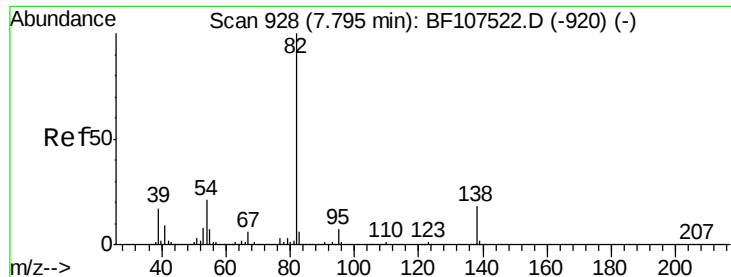


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.642 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

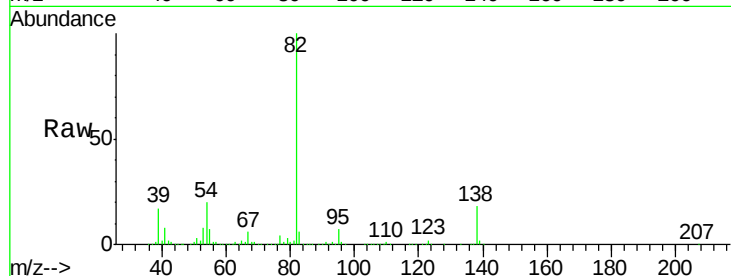
Tgt Ion: 82 Resp: 1167480

Ion Ratio Lower Upper

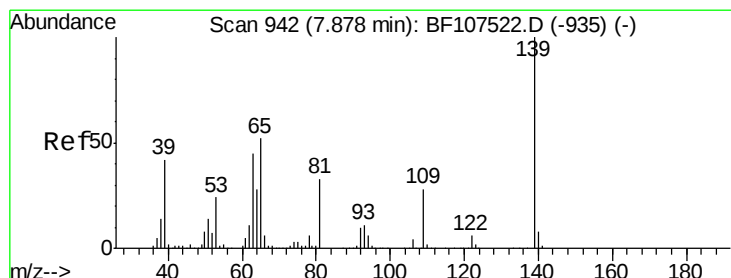
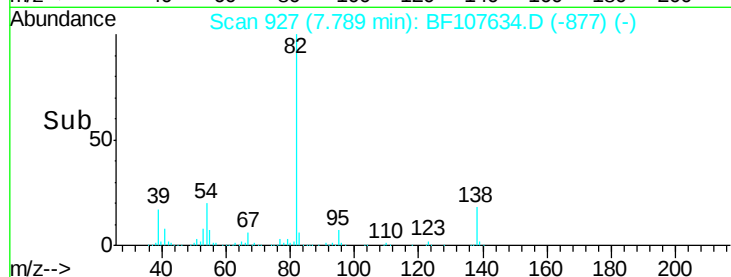
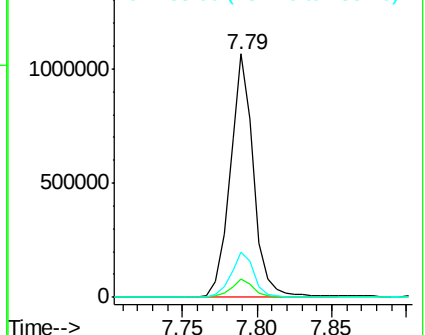
82 100

95 7.4 5.2 7.8

138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.226 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

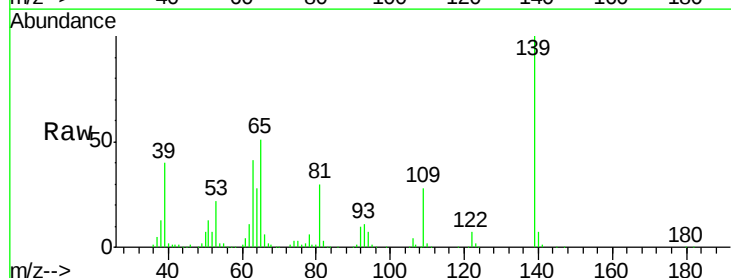
Tgt Ion: 139 Resp: 307318

Ion Ratio Lower Upper

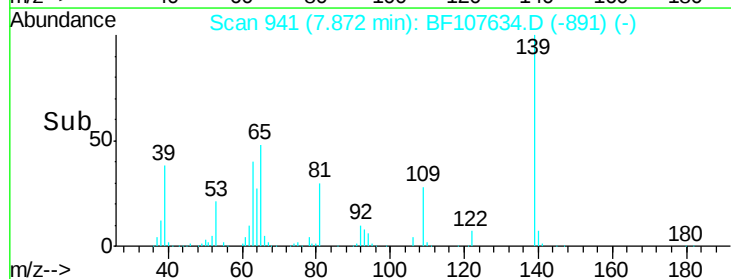
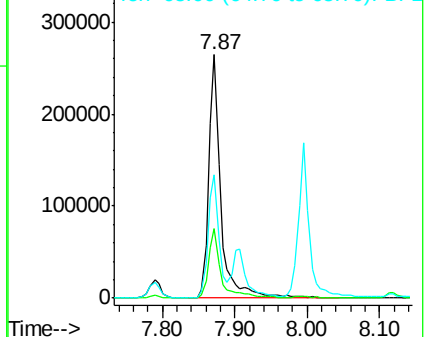
139 100

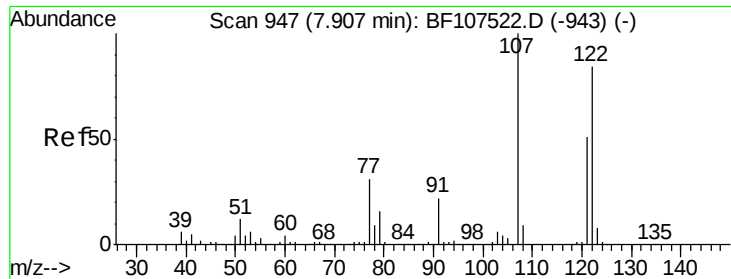
109 28.3 22.7 34.1

65 50.7 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 43.841 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

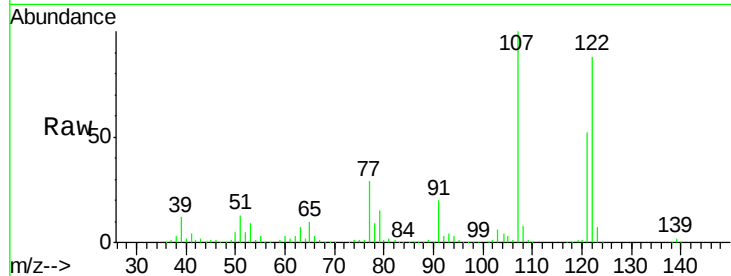
Tgt Ion:122 Resp: 540018

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

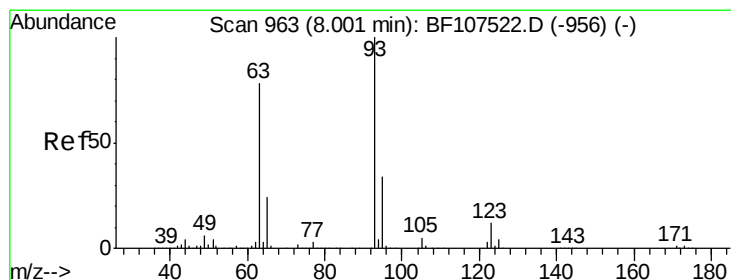
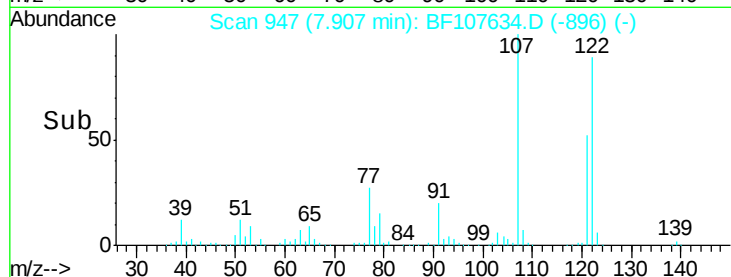
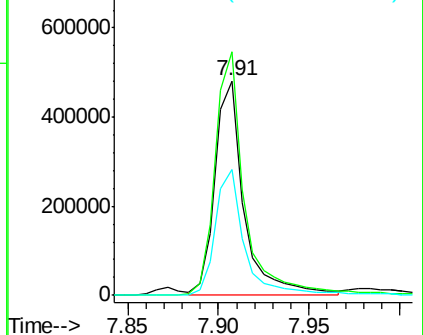
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.445 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

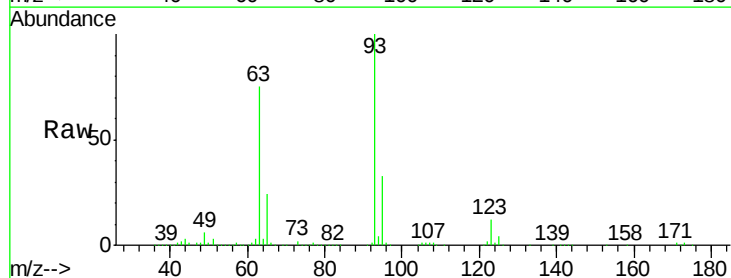
Tgt Ion: 93 Resp: 757239

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

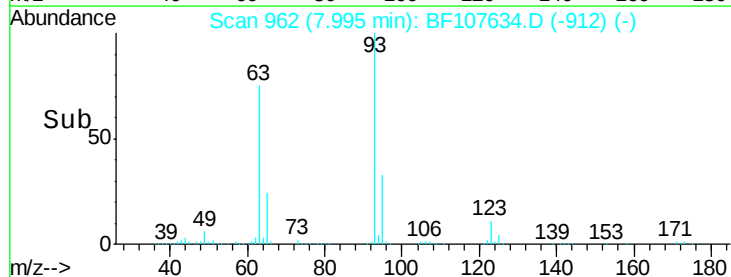
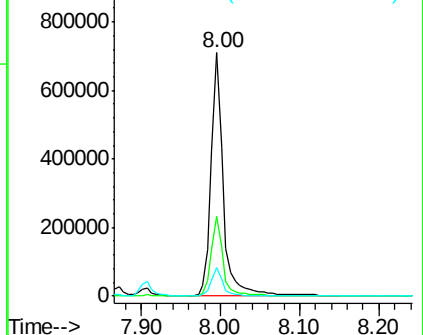
123 11.7 9.8 14.6

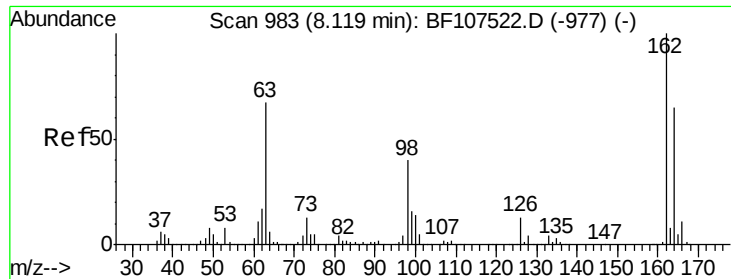


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

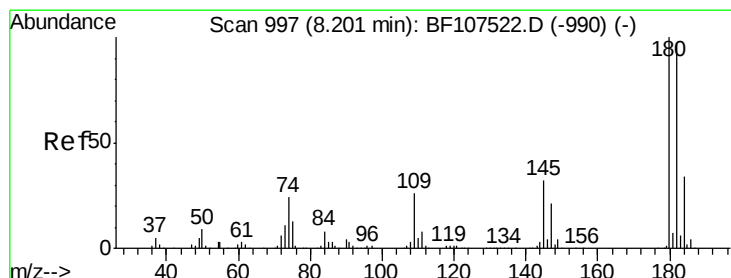
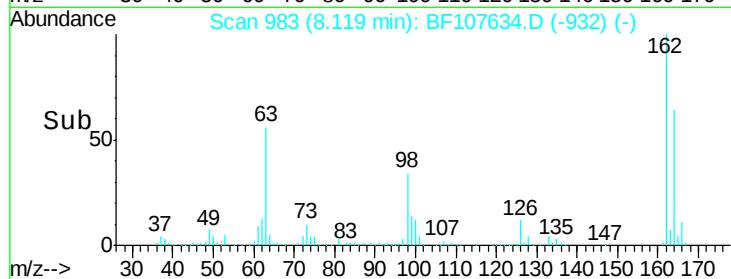
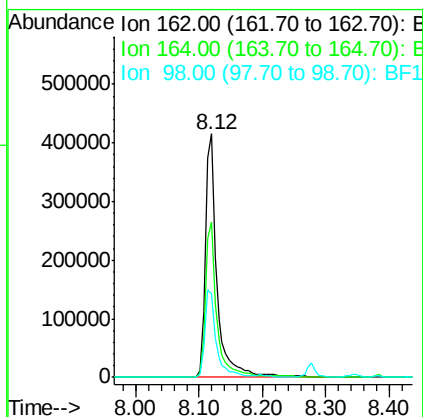
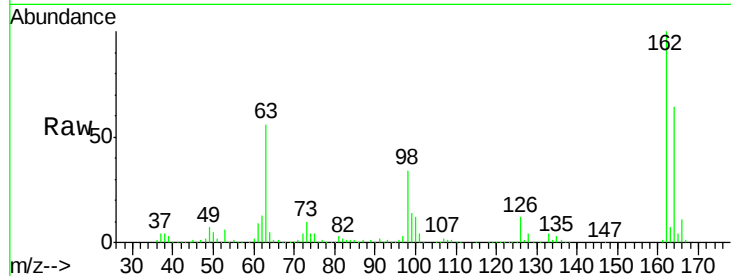




#29
2,4-Dichlorophenol
Concen: 42.026 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

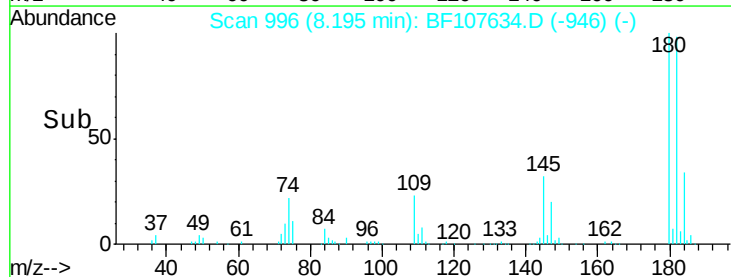
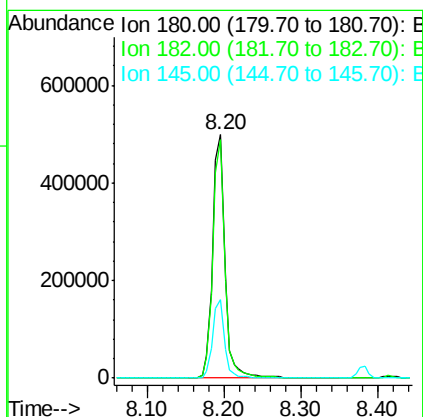
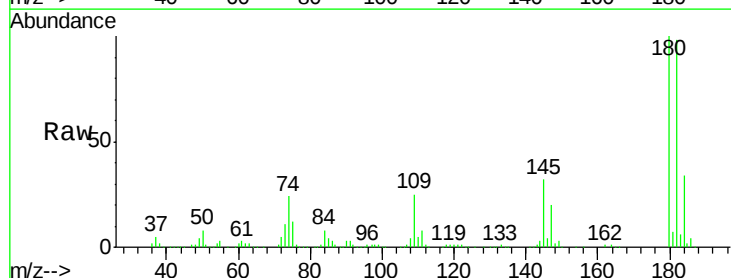
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

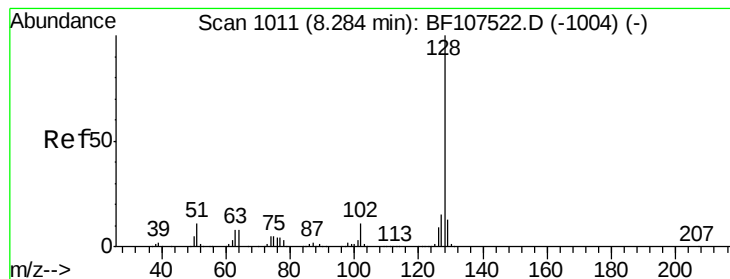
Tgt Ion:162 Resp: 529106
Ion Ratio Lower Upper
162 100
164 63.8 42.7 82.7
98 34.5 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 38.516 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:180 Resp: 544635
Ion Ratio Lower Upper
180 100
182 98.1 76.8 115.2
145 32.1 26.5 39.7





#31

Naphthalene

Concen: 43.086 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

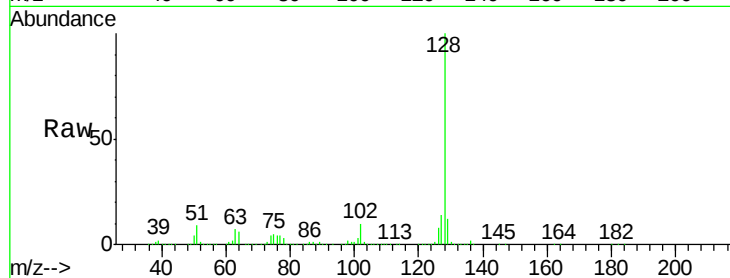
Tgt Ion:128 Resp: 1720292

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

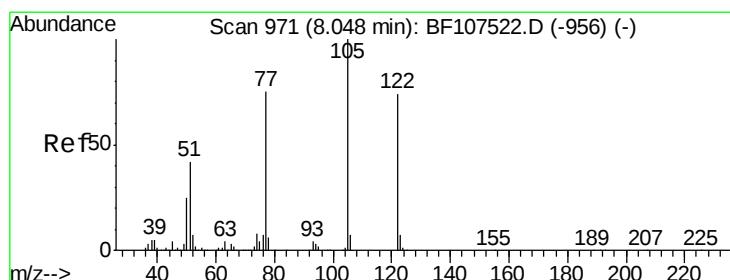
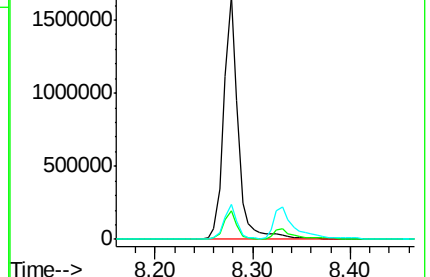
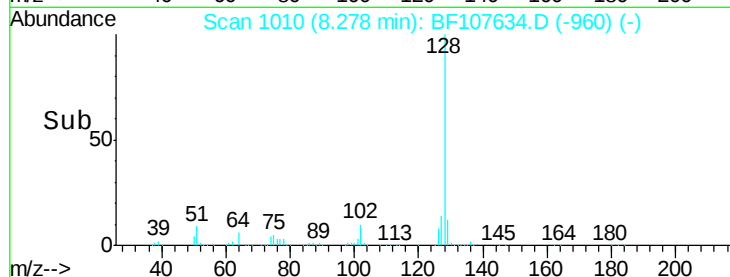
127 14.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.673 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

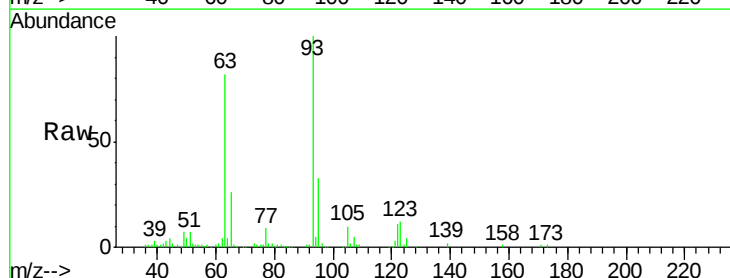
Tgt Ion:122 Resp: 49130

Ion Ratio Lower Upper

122 100

105 93.3 101.1 141.1#

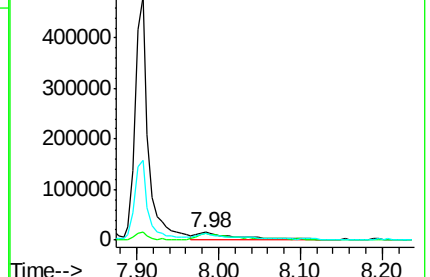
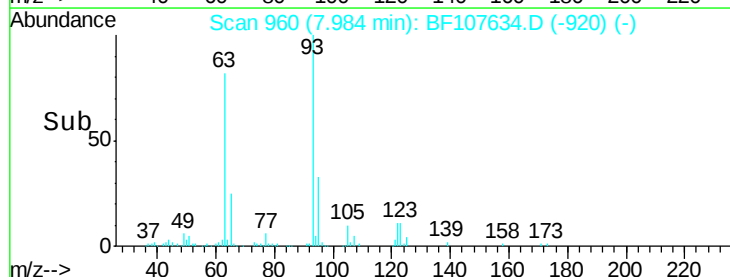
77 82.2 70.7 110.7

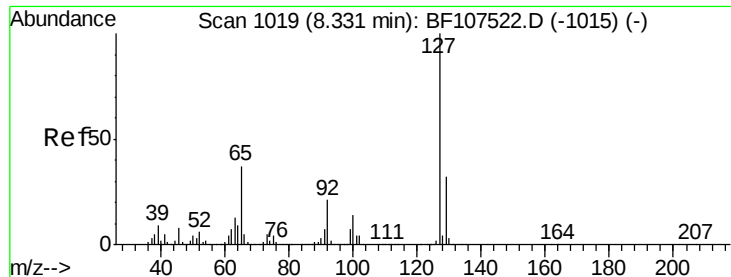


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

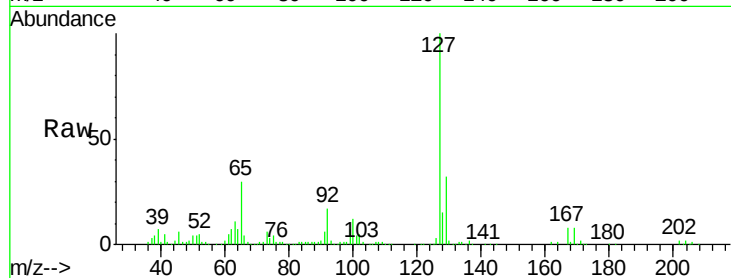




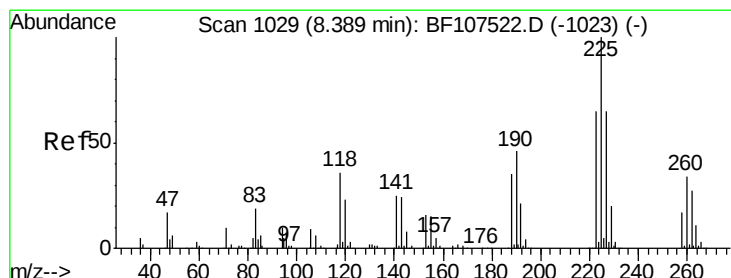
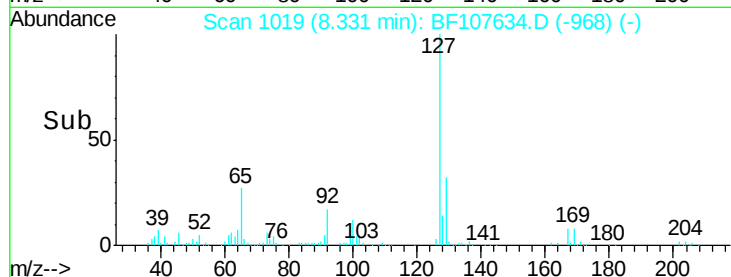
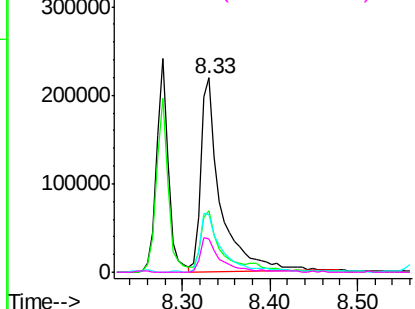
#33
4-Chloroaniline
Concen: 19.544 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:	127	Resp:	341075
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	29.6	25.0	37.4
92	17.0	15.2	22.8

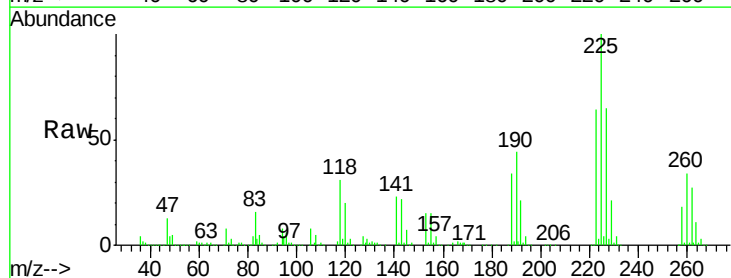


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

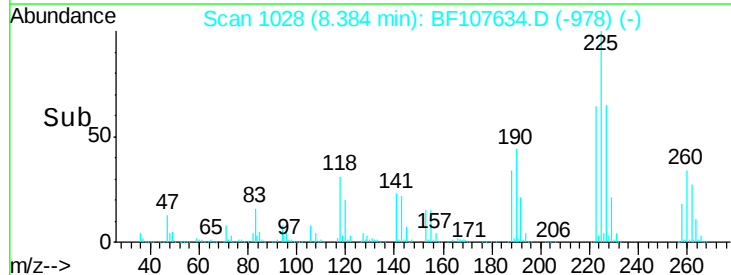
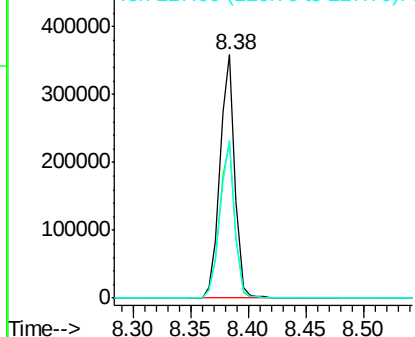


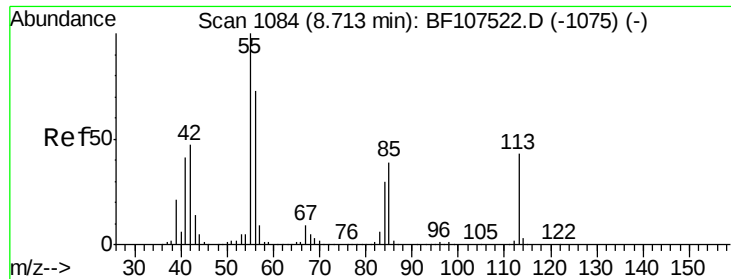
#34
Hexachlorobutadiene
Concen: 38.388 ng
RT: 8.38 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:	225	Resp:	322556
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	65.1	51.9	77.9



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

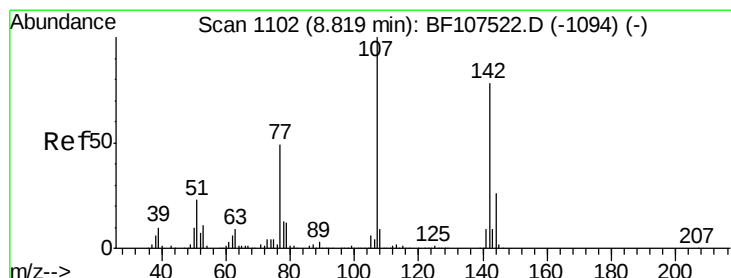
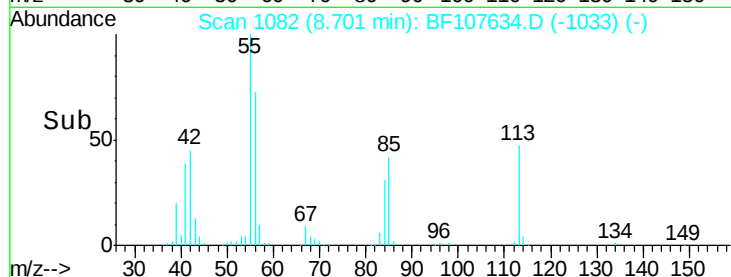
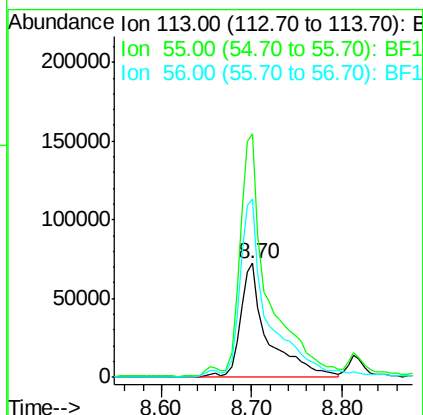
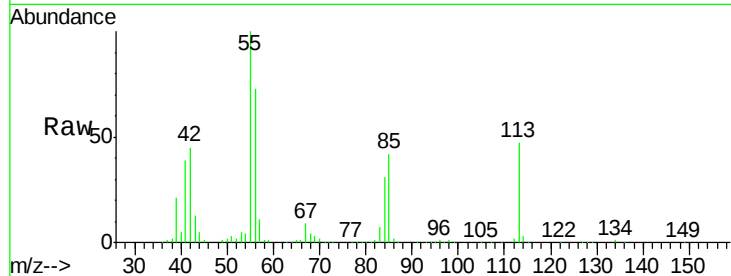




#35
 Caprolactam
 Concen: 37.377 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

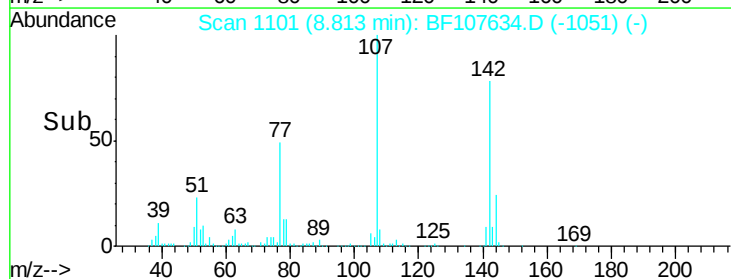
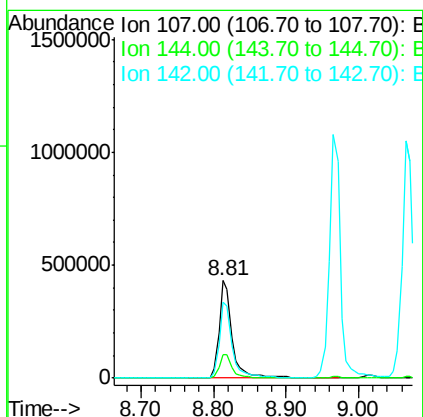
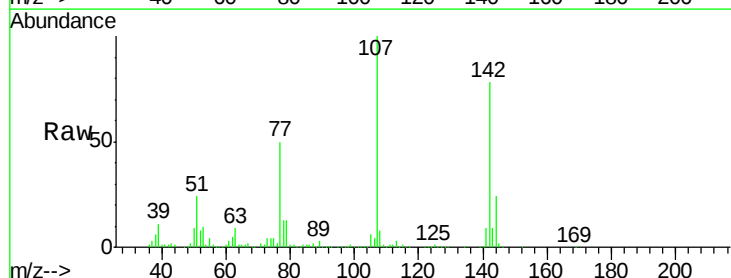
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

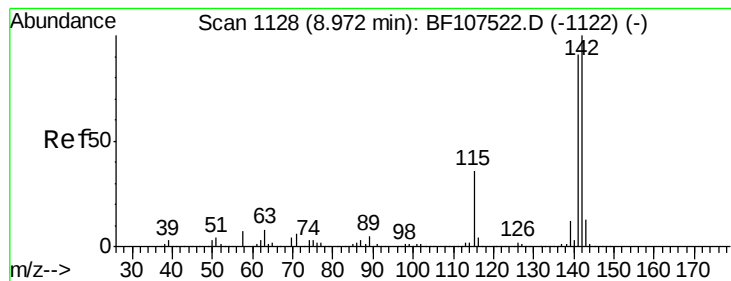
Tgt Ion:113 Resp: 153062
 Ion Ratio Lower Upper
 113 100
 55 213.9 163.3 203.3#
 56 156.5 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.740 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:107 Resp: 541793
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.5 30.7
 142 78.2 62.0 93.0

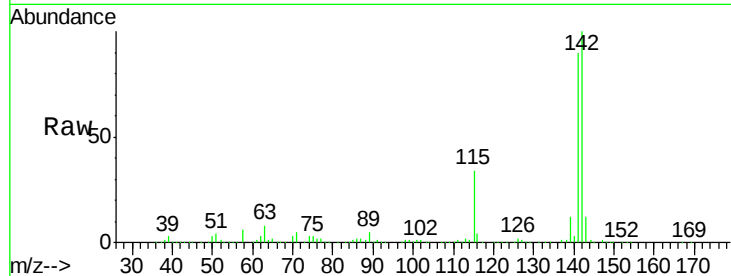




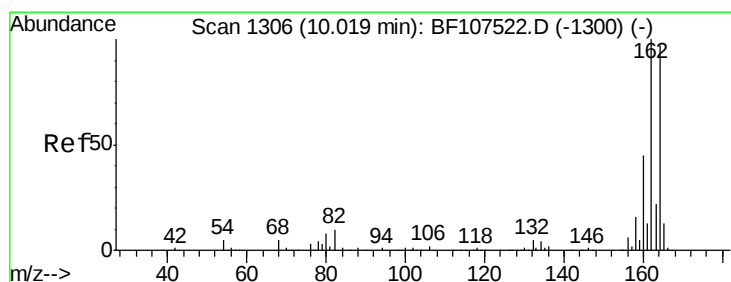
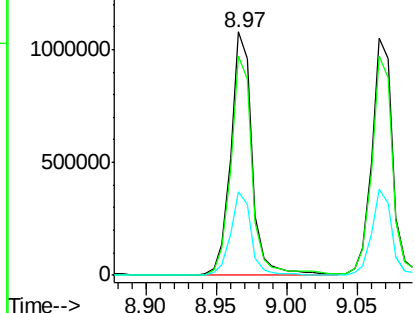
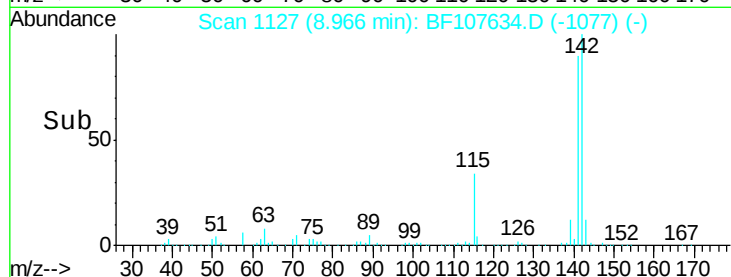
#37
2-Methylnaphthalene
Concen: 41.070 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:142 Resp: 1136315
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 34.5 26.1 39.1

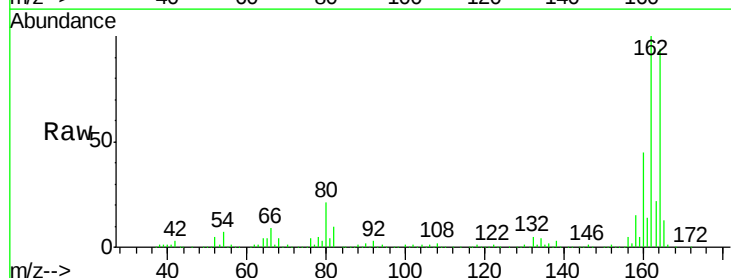


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

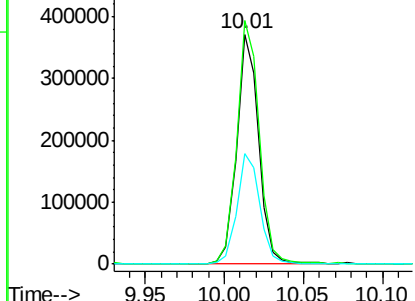
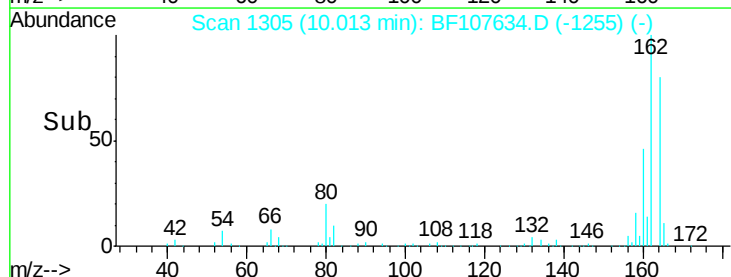


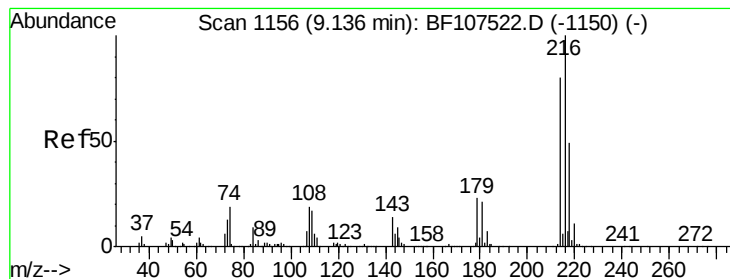
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:164 Resp: 356392
Ion Ratio Lower Upper
164 100
162 106.0 86.1 129.1
160 48.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.061 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

Tgt Ion:216 Resp: 535643

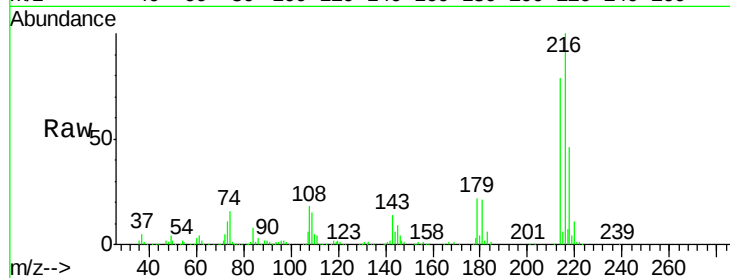
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.3 18.1 27.1

108 16.7 17.2 25.8#

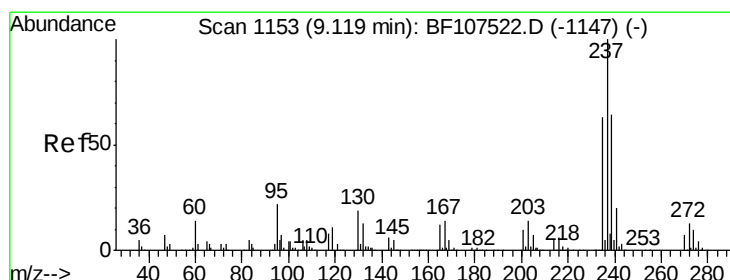
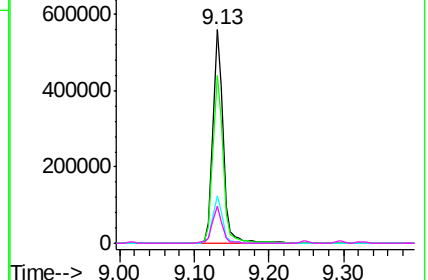
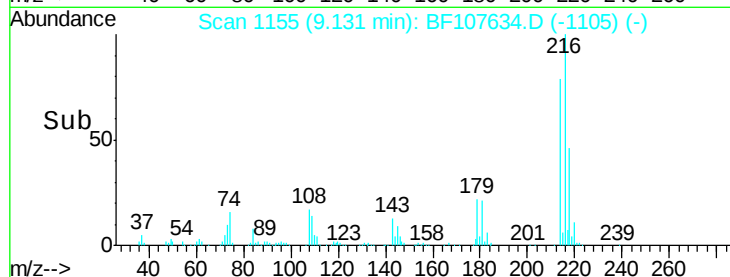


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.772 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

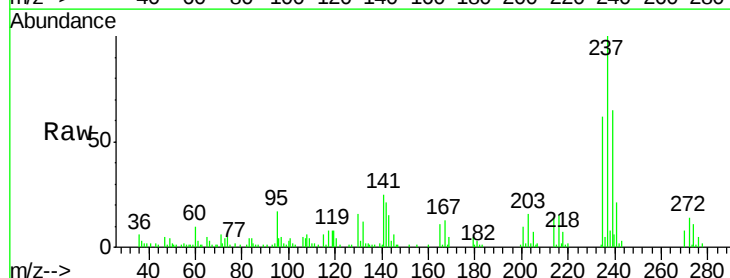
Tgt Ion:237 Resp: 53006

Ion Ratio Lower Upper

237 100

235 61.6 44.8 84.8

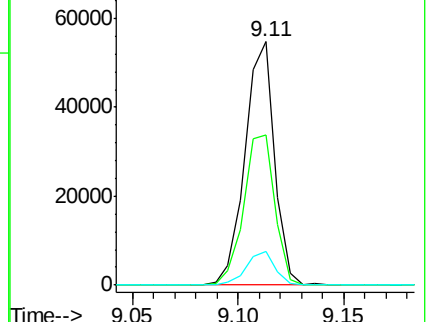
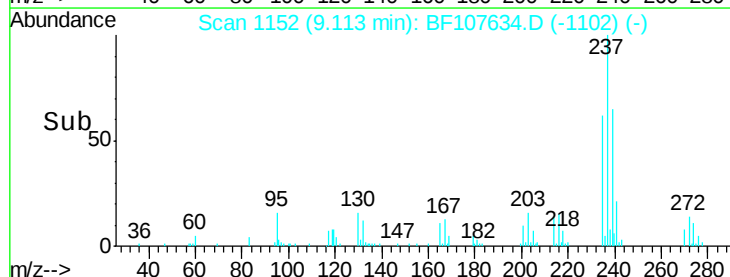
272 14.0 0.0 33.3

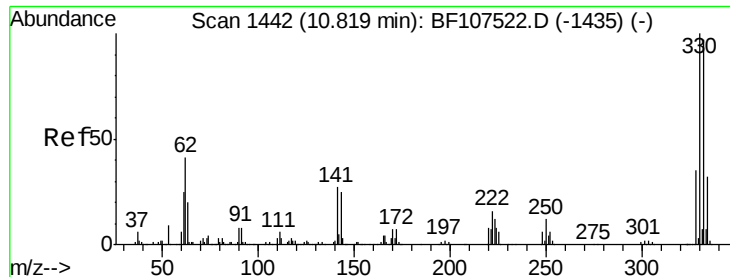


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

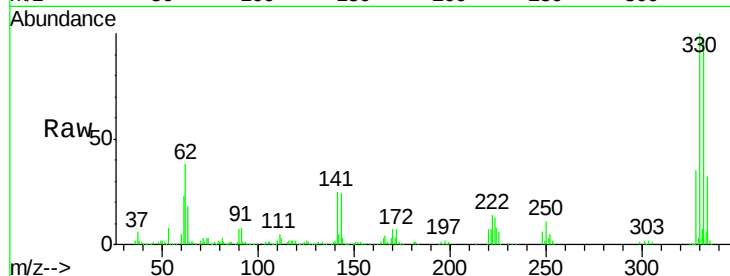




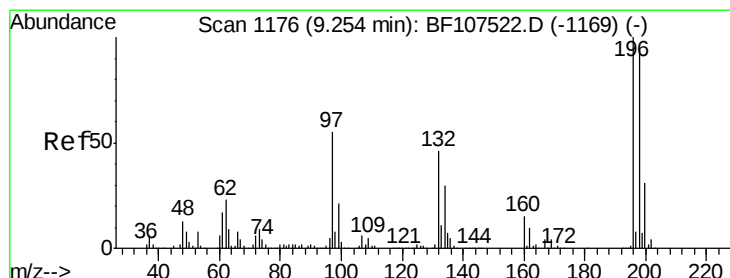
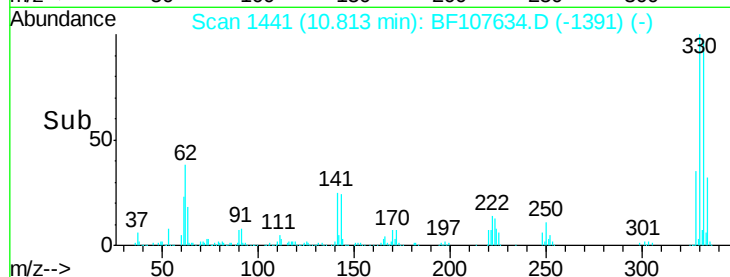
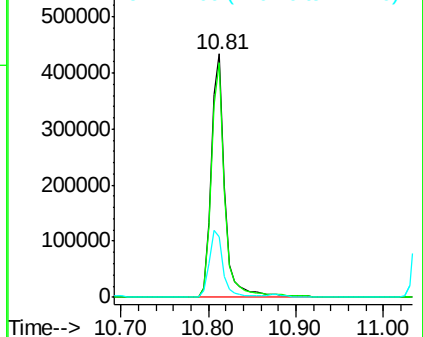
#41
 2,4,6-Tribromophenol
 Concen: 115.907 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion:330 Resp: 469742
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.0 29.9 44.9#

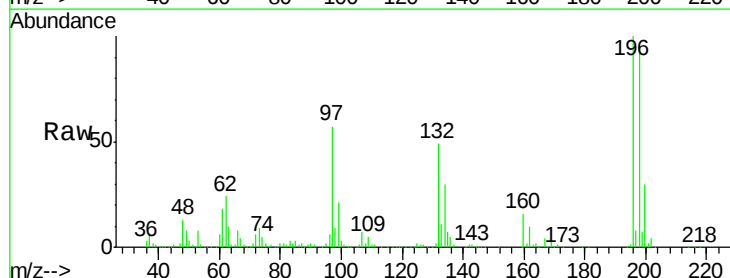


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

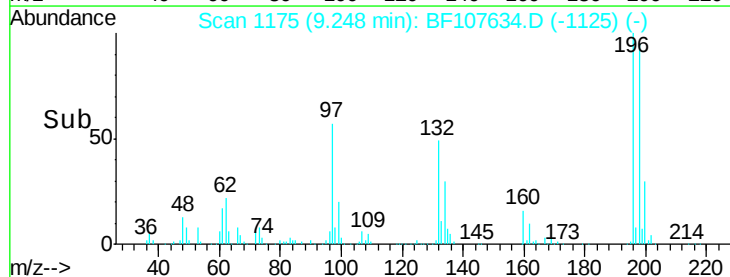
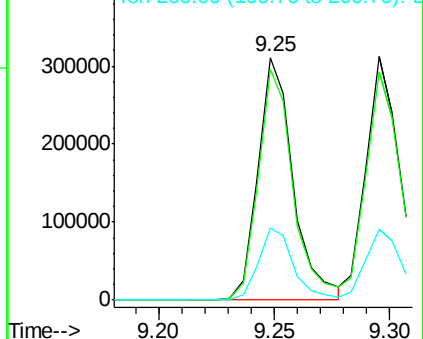


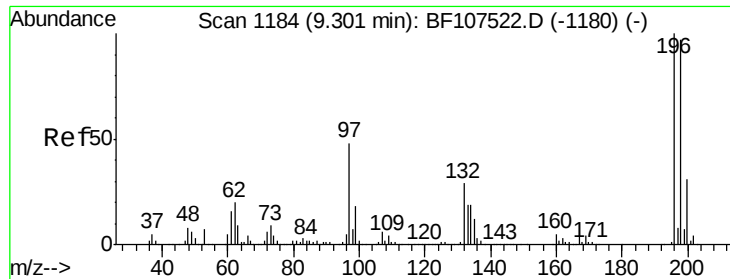
#42
 2,4,6-Trichlorophenol
 Concen: 43.495 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:196 Resp: 330947
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 29.8 24.5 36.7



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

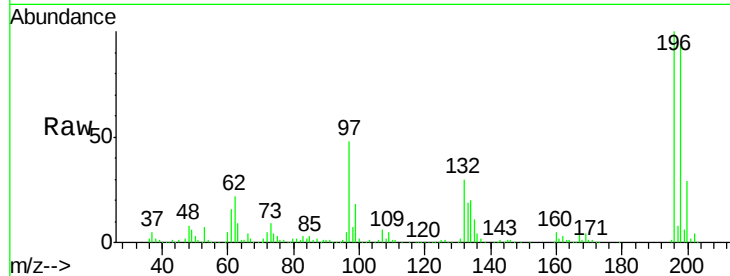




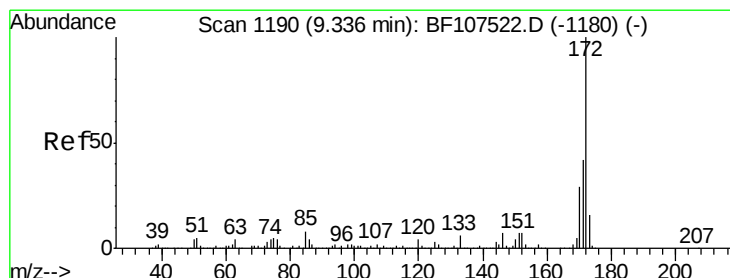
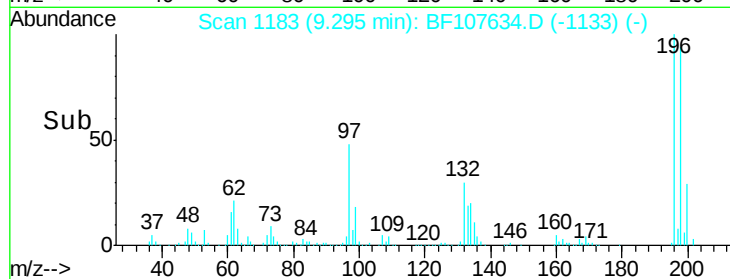
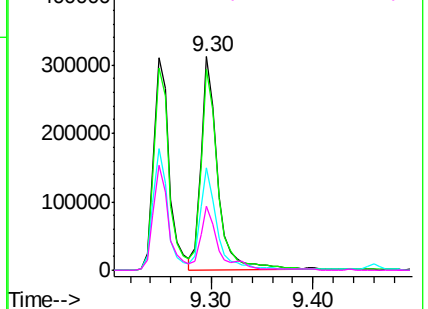
#43
 2,4,5-Trichlorophenol
 Concen: 44.562 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion:196 Resp: 354371
 Ion Ratio Lower Upper
 196 100
 198 94.0 74.6 112.0
 97 48.2 42.9 64.3
 132 30.2 26.3 39.5

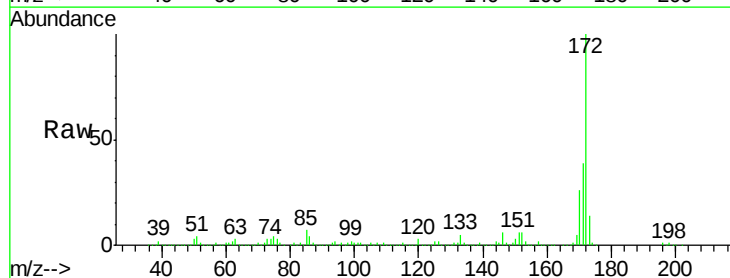


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

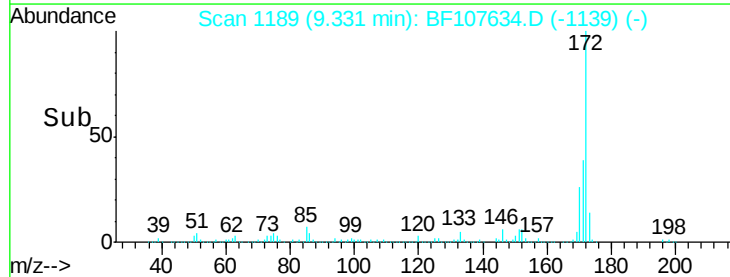
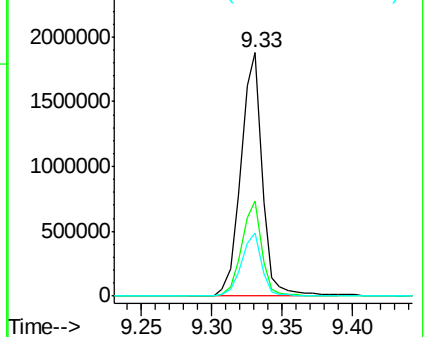


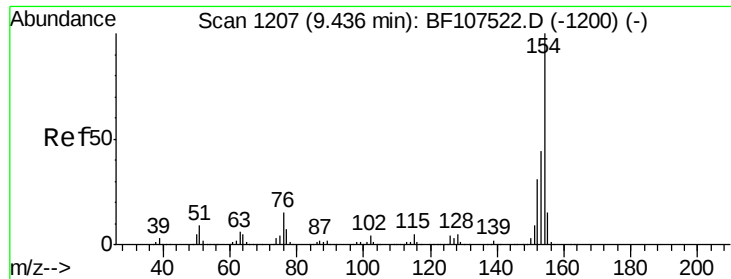
#44
 2-Fluorobiphenyl
 Concen: 100.038 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:172 Resp: 1984610
 Ion Ratio Lower Upper
 172 100
 171 39.0 29.7 44.5
 170 25.9 19.6 29.4



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

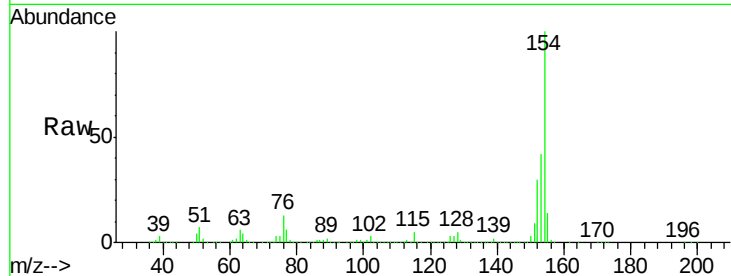




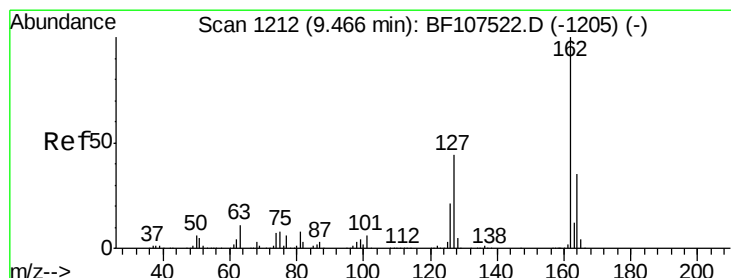
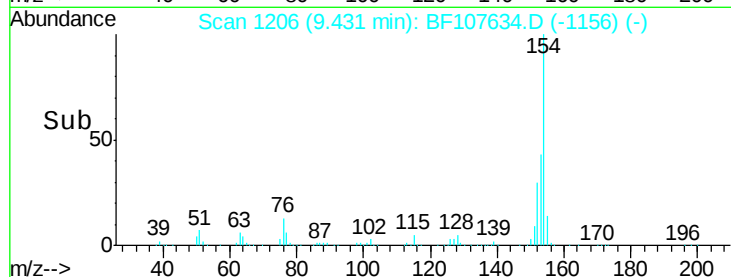
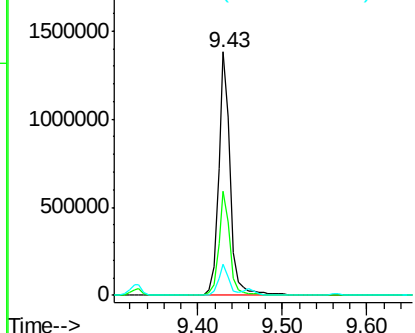
#45
 1,1'-Biphenyl
 Concen: 43.459 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion:154 Resp: 1349235
 Ion Ratio Lower Upper
 154 100
 153 42.5 21.3 61.3
 76 13.0 0.0 34.0

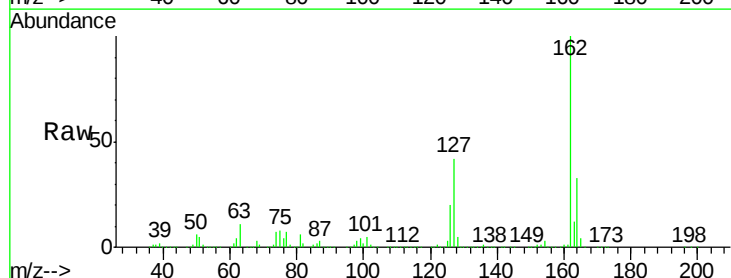


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

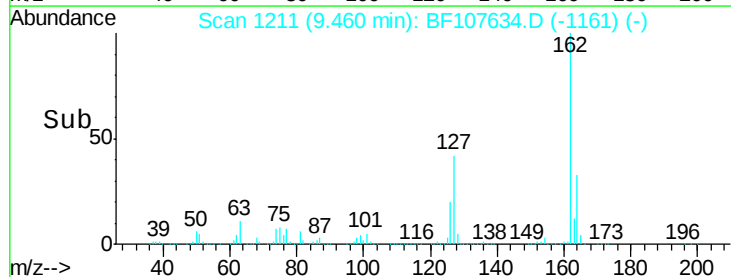
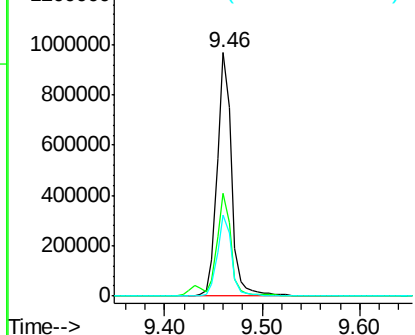


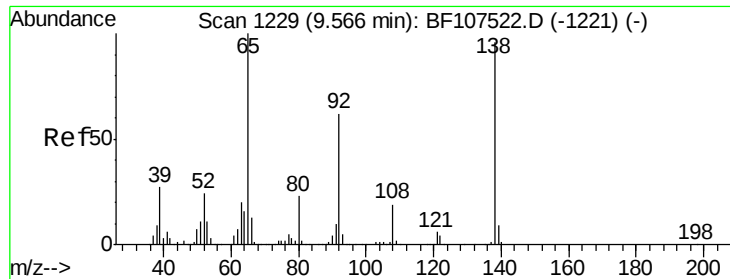
#46
 2-Chloronaphthalene
 Concen: 42.003 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:162 Resp: 996754
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 33.4 26.5 39.7



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

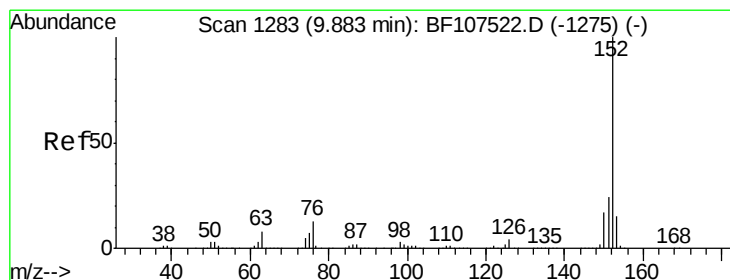
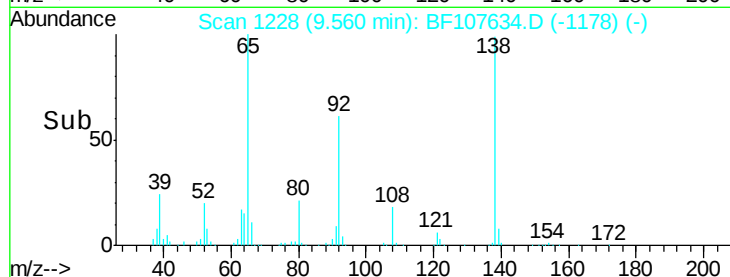
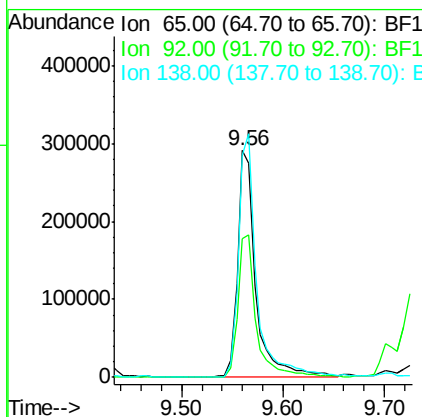
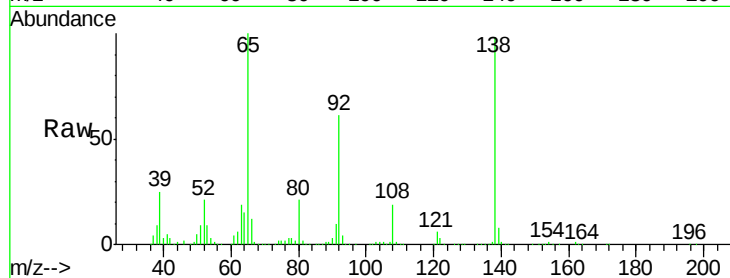




#47
2-Nitroaniline
Concen: 52.442 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

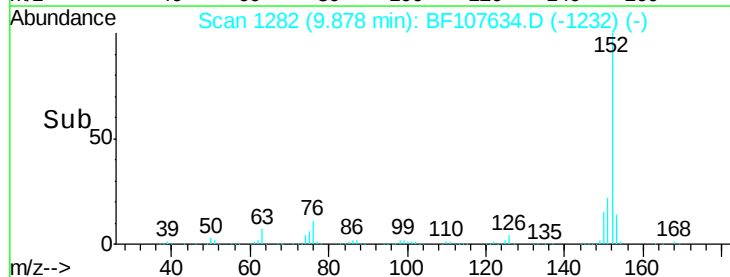
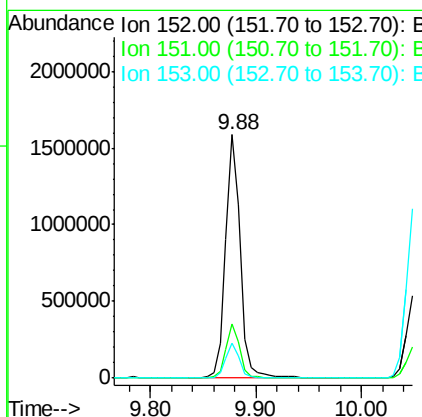
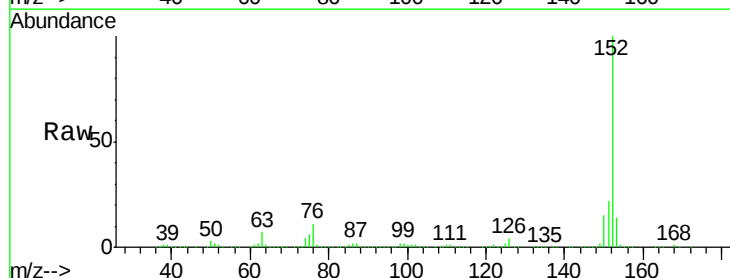
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

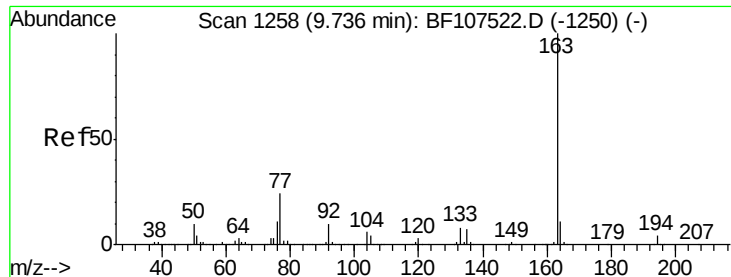
Tgt Ion: 65 Resp: 362810
Ion Ratio Lower Upper
65 100
92 61.0 55.8 83.6
138 98.0 91.2 136.8



#48
Acenaphthylene
Concen: 43.220 ng
RT: 9.88 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 152 Resp: 1540710
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 14.4 10.7 16.1

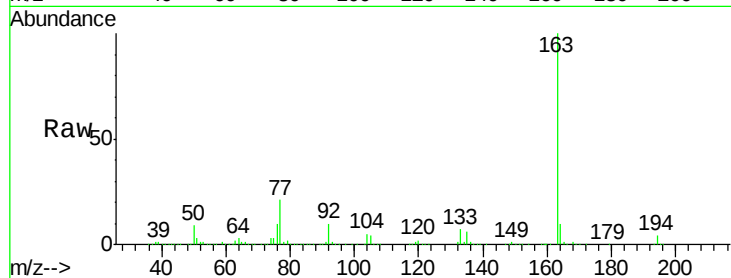




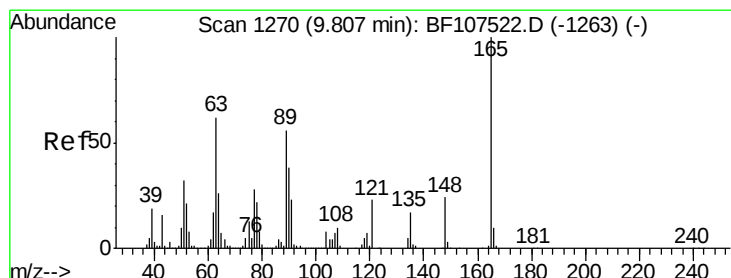
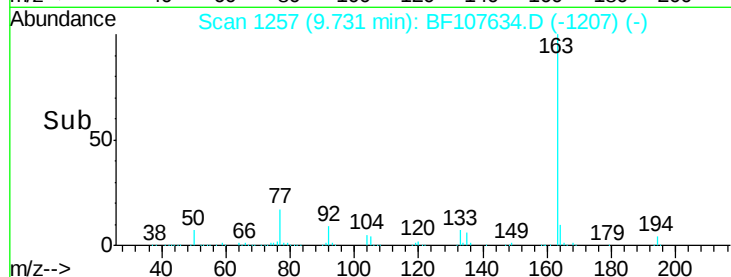
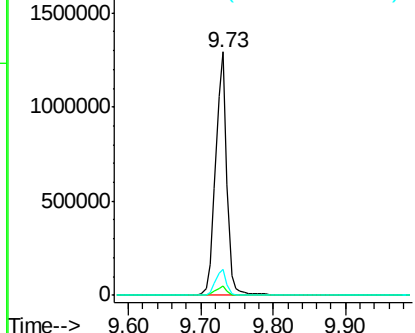
#49
Dimethylphthalate
Concen: 52.239 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:163 Resp: 1403130
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2

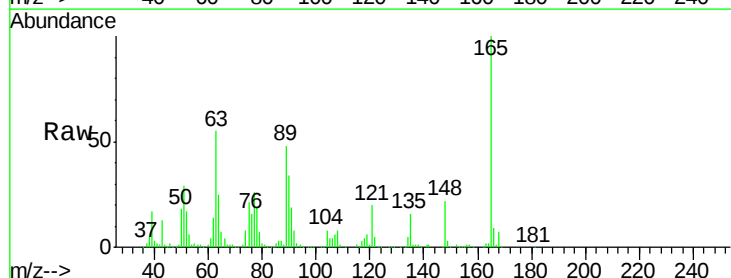


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

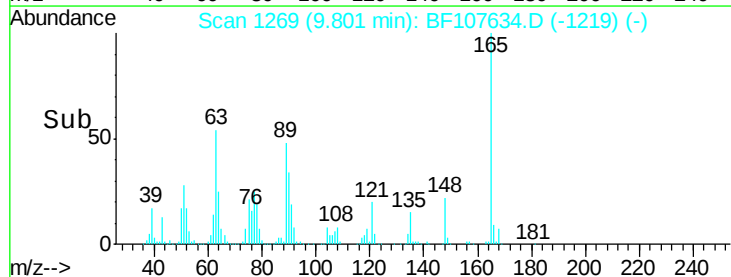
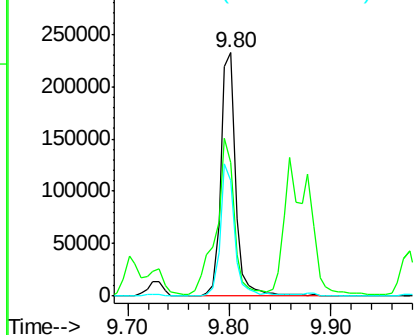


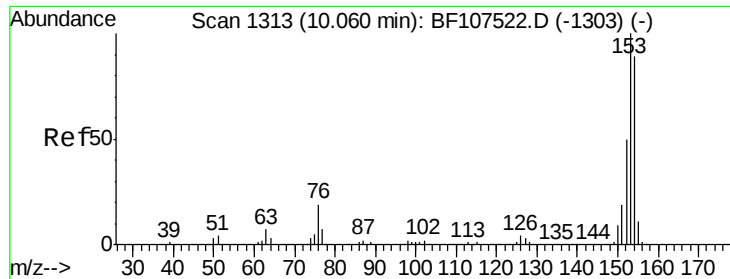
#50
2,6-Dinitrotoluene
Concen: 43.867 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:165 Resp: 233932
Ion Ratio Lower Upper
165 100
63 55.1 44.7 67.1
89 47.6 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.925 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

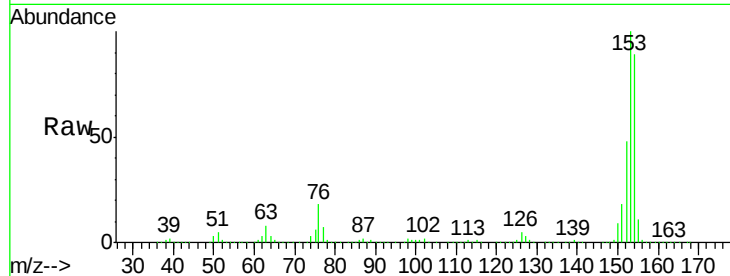
Tgt Ion:154 Resp: 914069

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

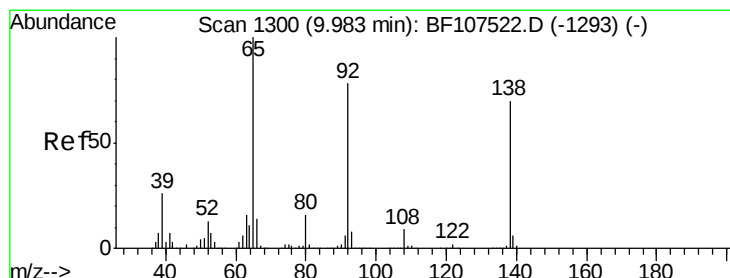
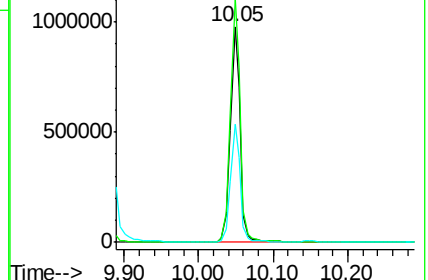
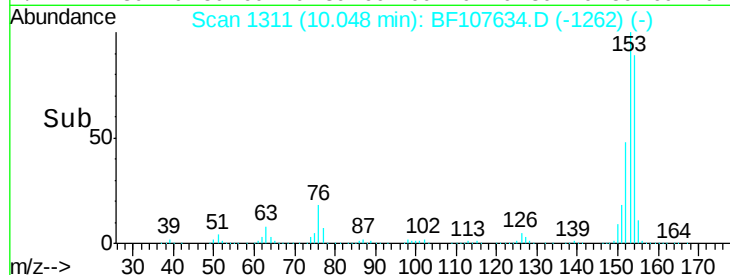
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.809 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

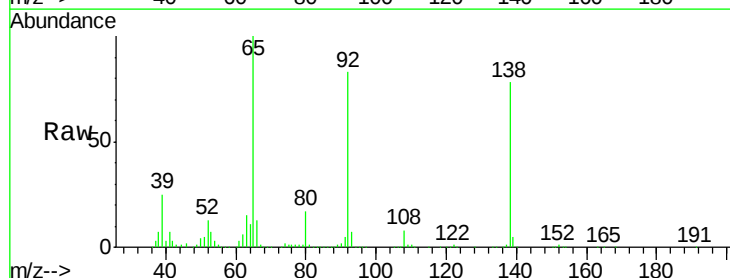
Tgt Ion:138 Resp: 271241

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

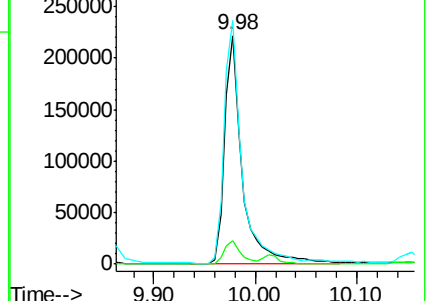
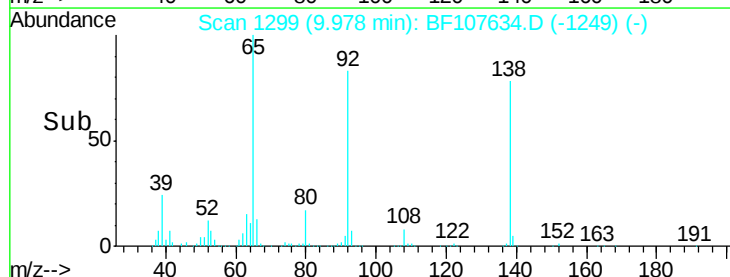
92 106.5 89.4 134.2

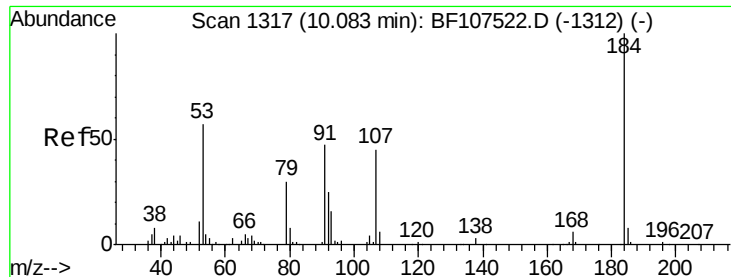


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

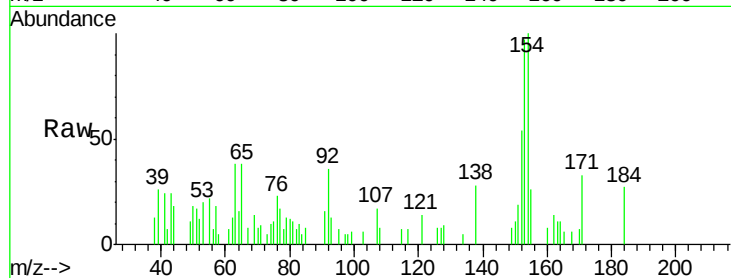




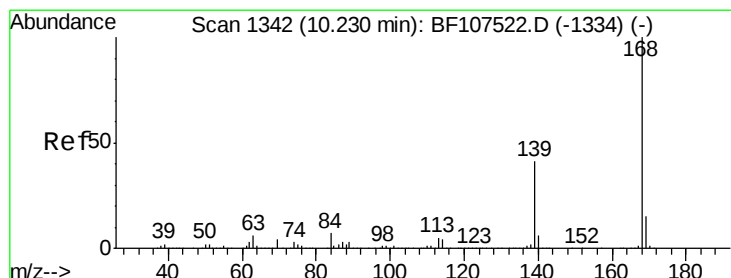
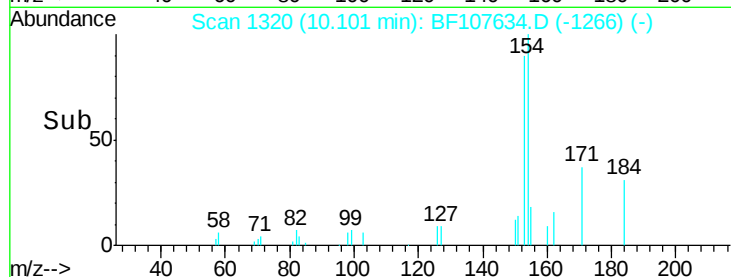
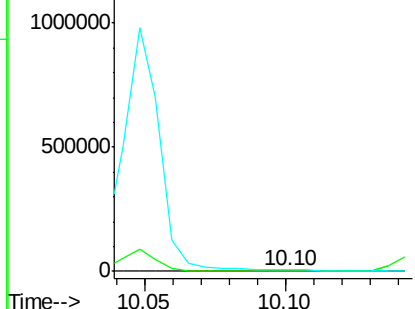
#53
2,4-Dinitrophenol
Concen: 10.028 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:184 Resp: 3203
Ion Ratio Lower Upper
184 100
63 136.9 54.2 81.2#
154 364.1 184.0 276.0#

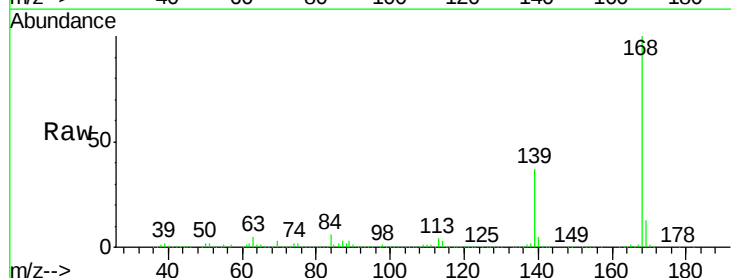


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

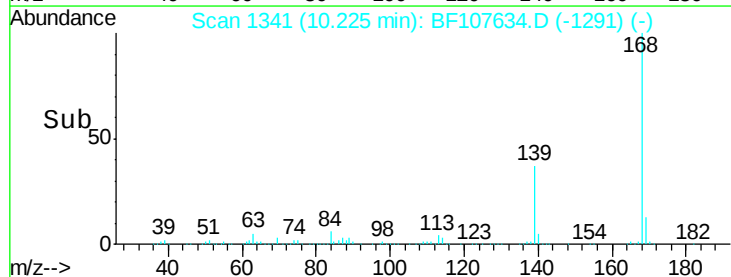
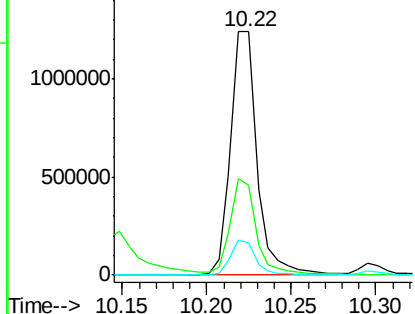


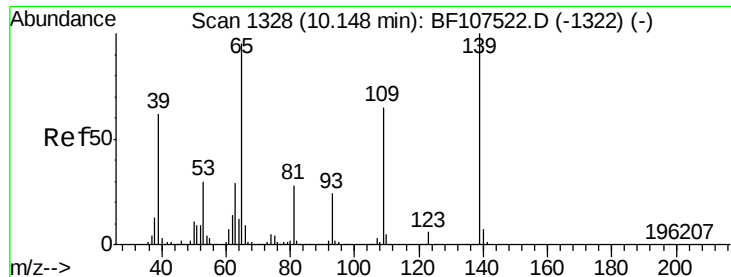
#54
Dibenzofuran
Concen: 41.311 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:168 Resp: 1358390
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

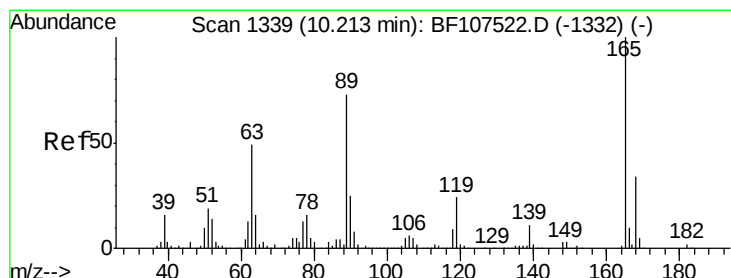
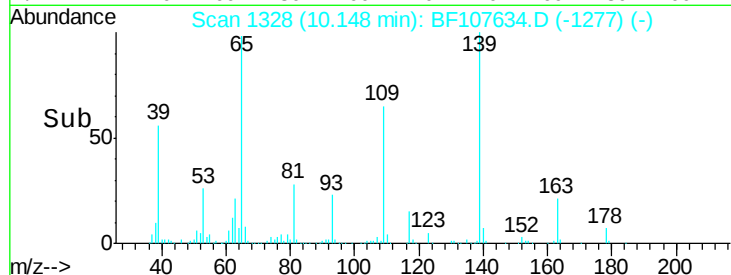
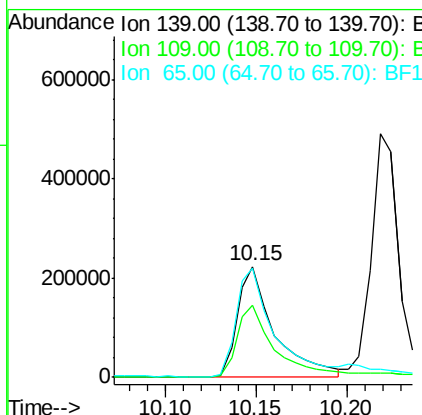
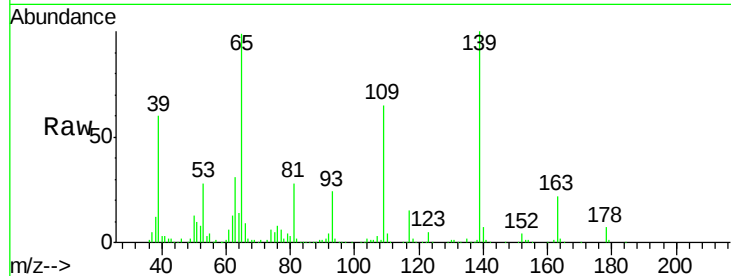




#55
4-Nitrophenol
Concen: 65.507 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

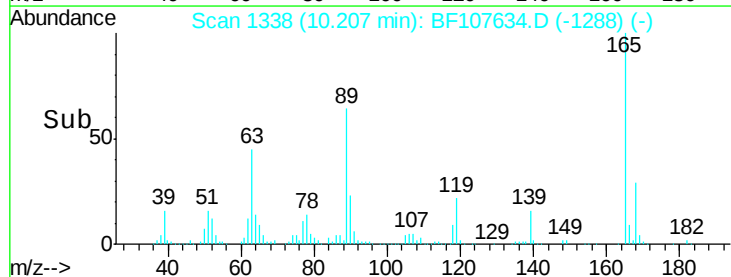
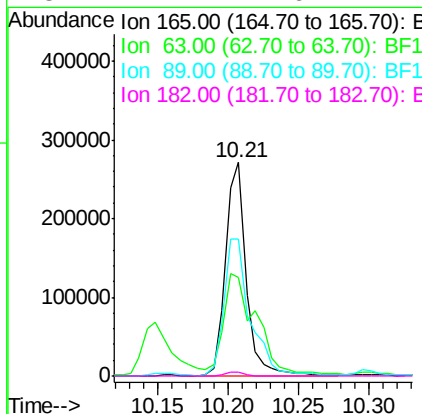
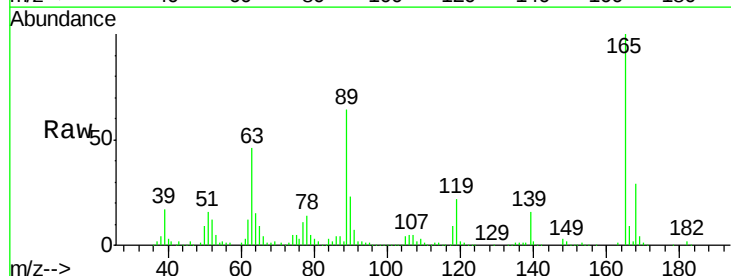
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

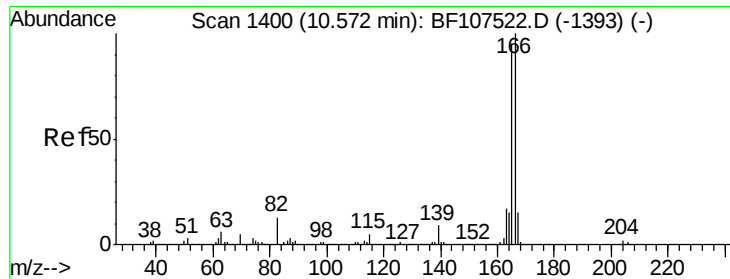
Tgt Ion:139 Resp: 318187
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 98.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.724 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:165 Resp: 275023
Ion Ratio Lower Upper
165 100
63 46.3 36.4 54.6
89 64.0 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 43.405 ng

RT: 10.57 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

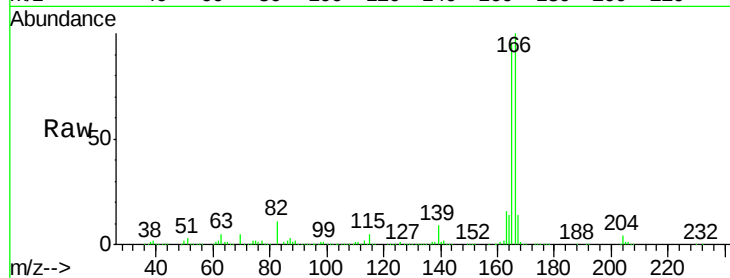
Tgt Ion:166 Resp: 1018218

Ion Ratio Lower Upper

166 100

165 95.8 79.8 119.8

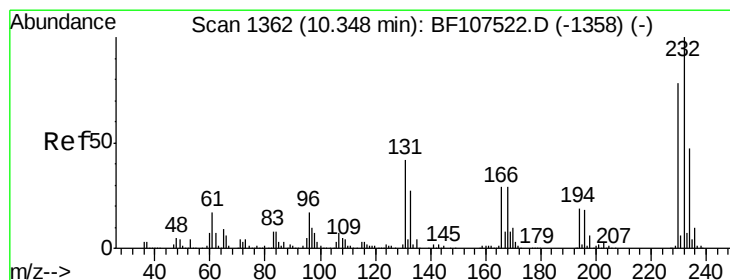
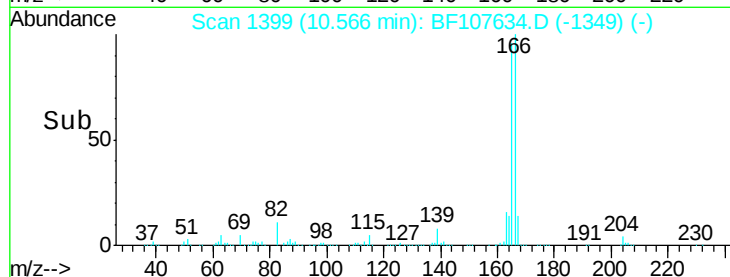
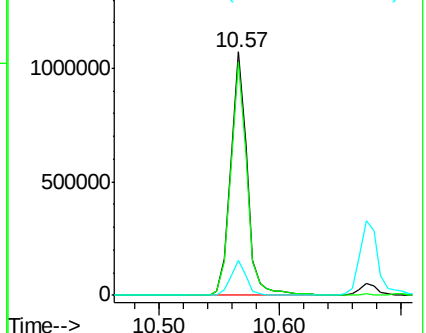
167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.422 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Tgt Ion:232 Resp: 267528

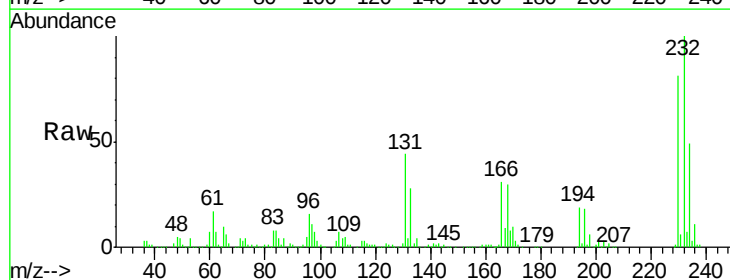
Ion Ratio Lower Upper

232 100

131 42.7 43.8 65.8#

130 2.1 2.1 3.1

166 28.6 27.8 41.6

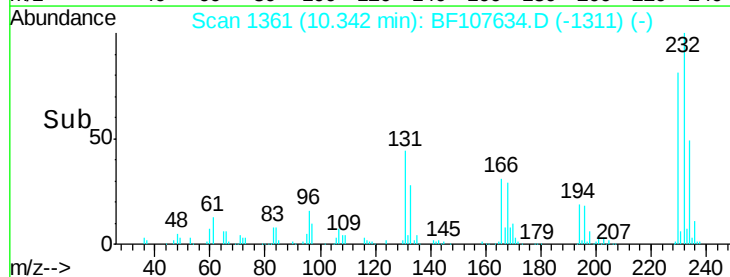
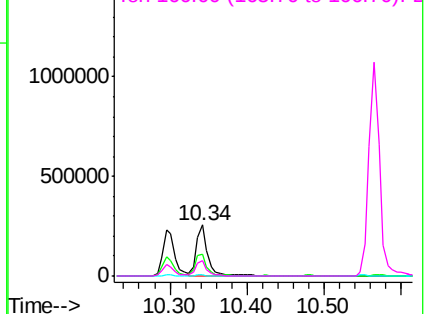


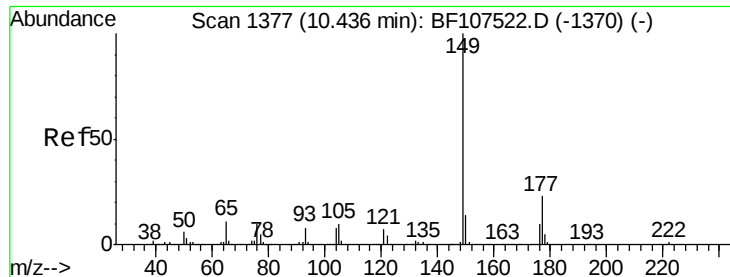
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

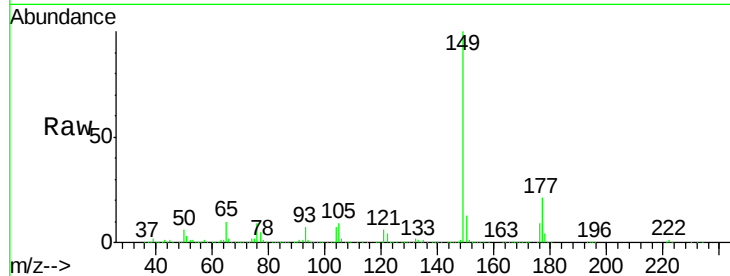




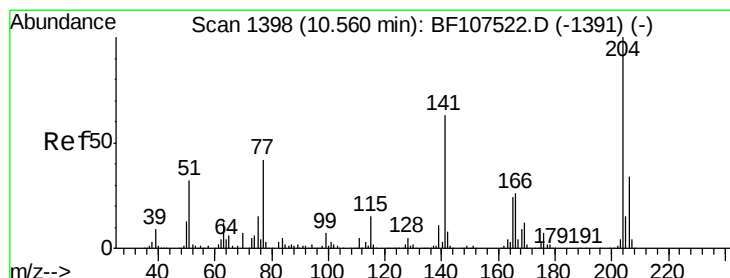
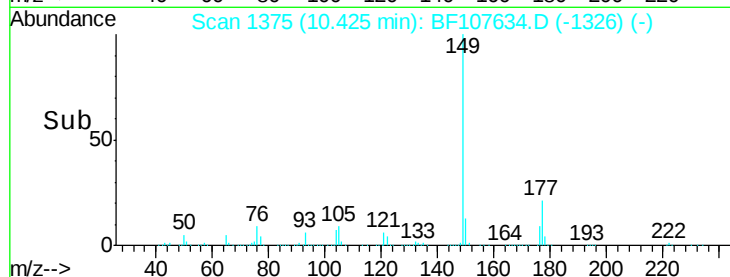
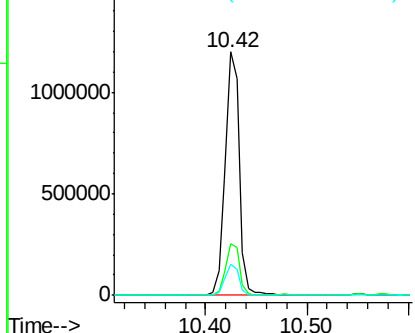
#59
Diethylphthalate
Concen: 41.431 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:149 Resp: 1162228
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.9 10.1 15.1

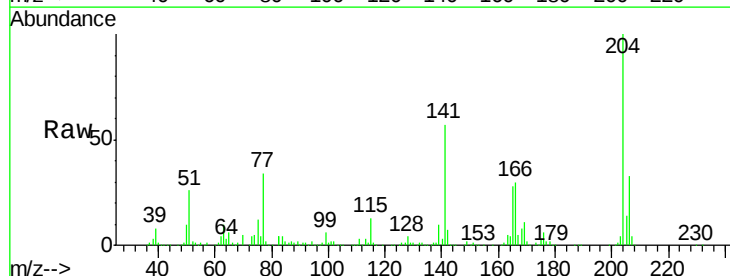


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

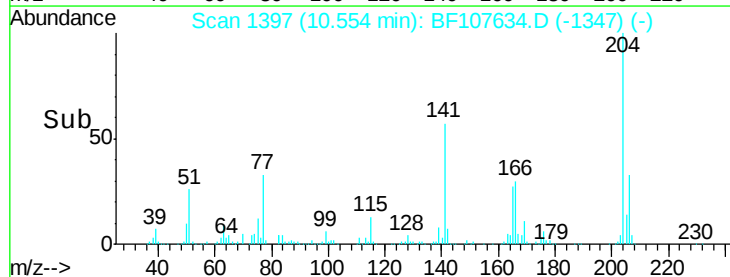
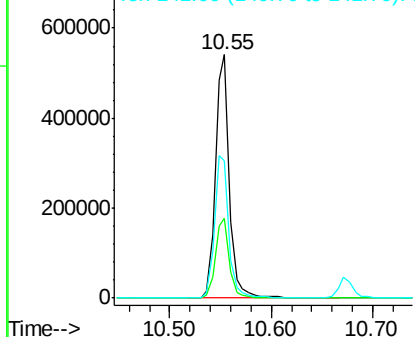


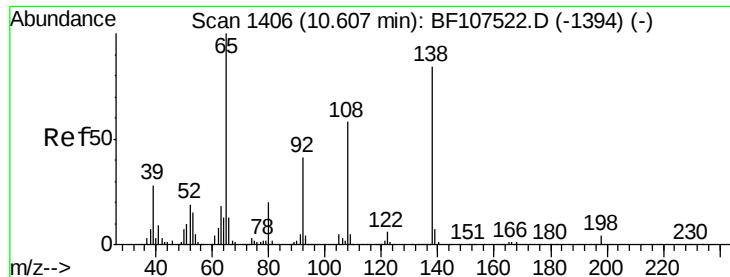
#60
4-Chlorophenyl-phenylether
Concen: 38.716 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:204 Resp: 513444
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 56.7 54.6 81.8



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

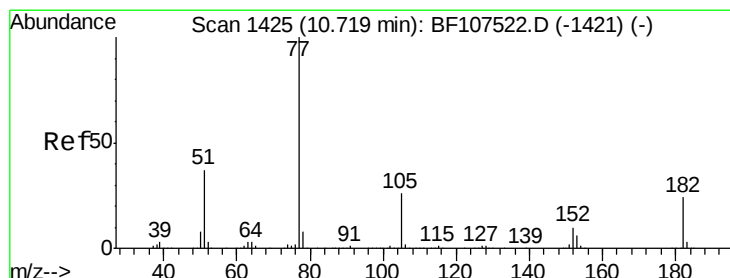
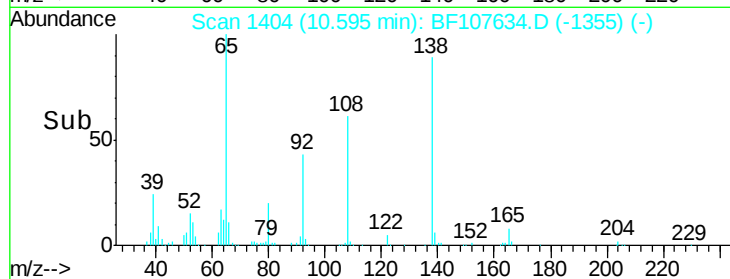
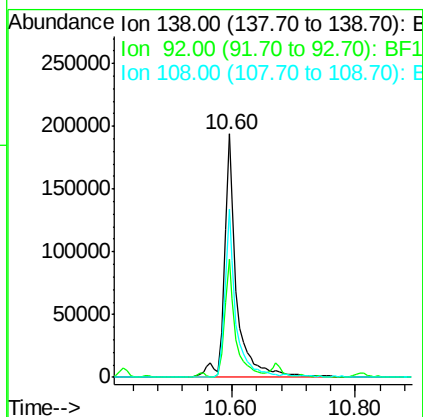
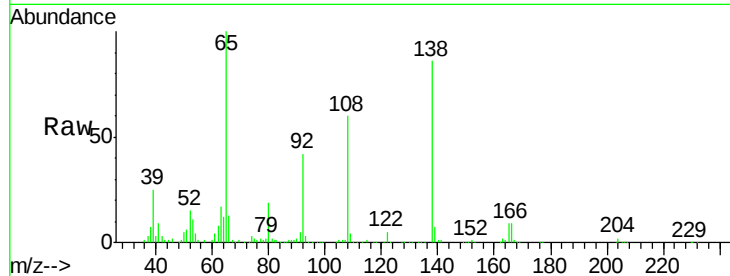




#61
4-Nitroaniline
Concen: 50.586 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

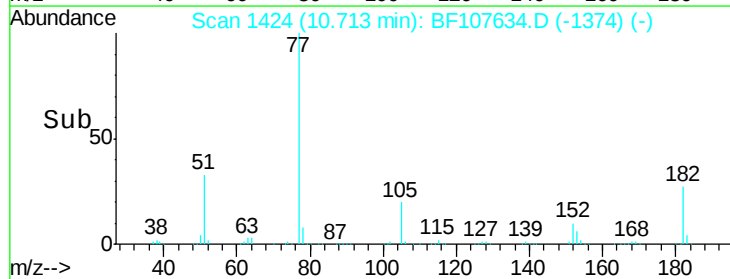
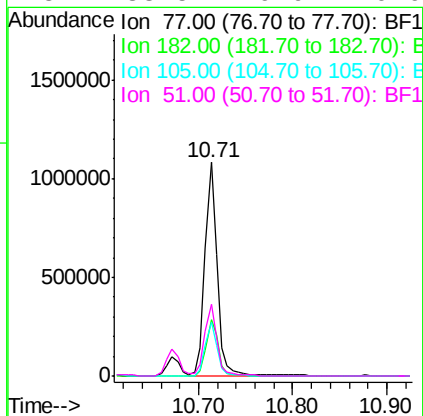
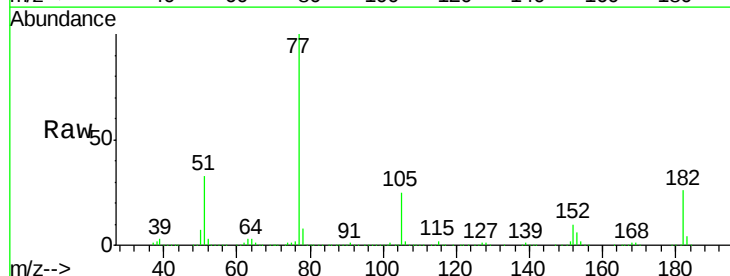
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

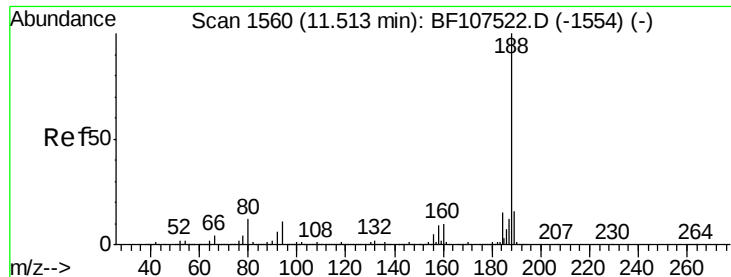
Tgt Ion: 138 Resp: 275729
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 69.2 52.5 92.5



#62
Azobenzene
Concen: 37.656 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion: 77 Resp: 990510
Ion Ratio Lower Upper
77 100
182 26.3 1.7 41.7
105 25.1 3.0 43.0
51 33.5 9.9 49.9

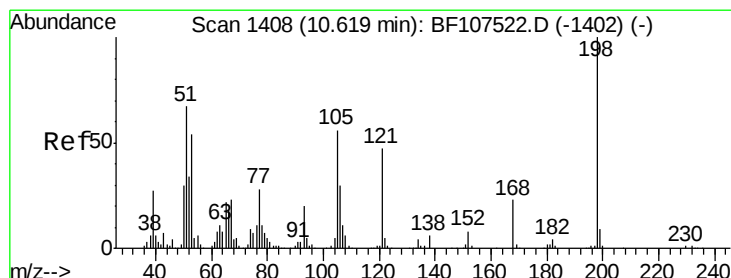
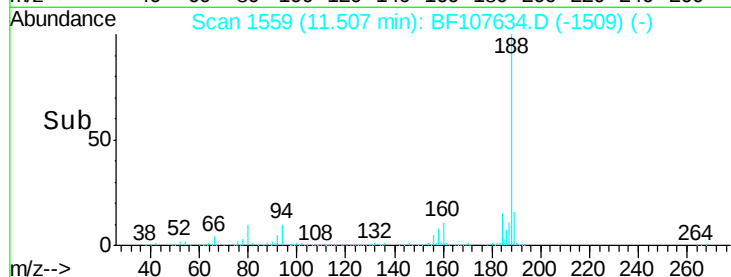
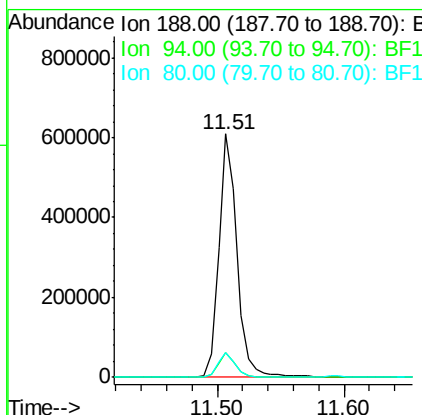
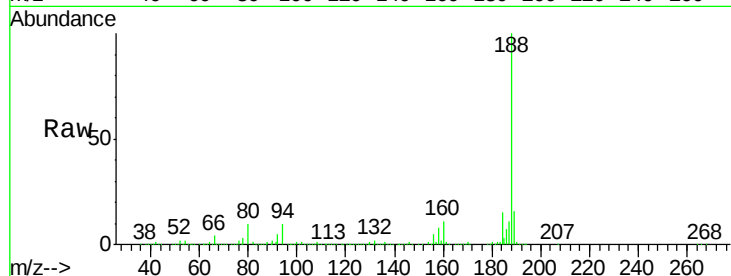




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

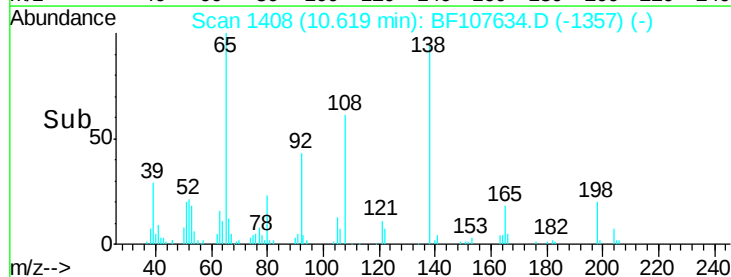
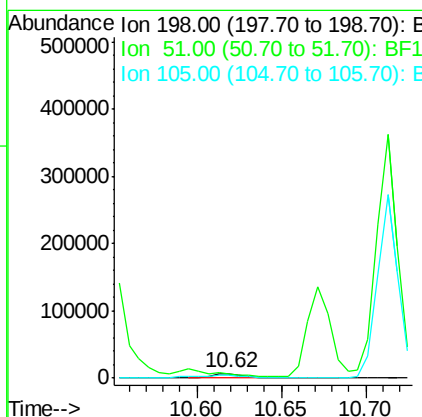
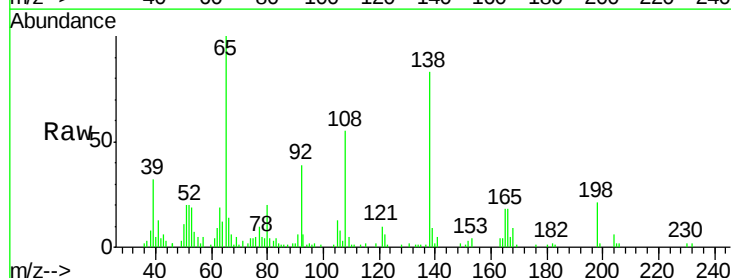
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

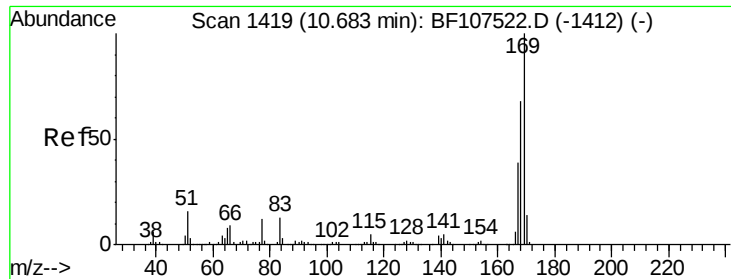
Tgt Ion:188 Resp: 614628
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.275 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:198 Resp: 9398
Ion Ratio Lower Upper
198 100
51 94.2 37.7 77.7#
105 59.6 36.3 76.3

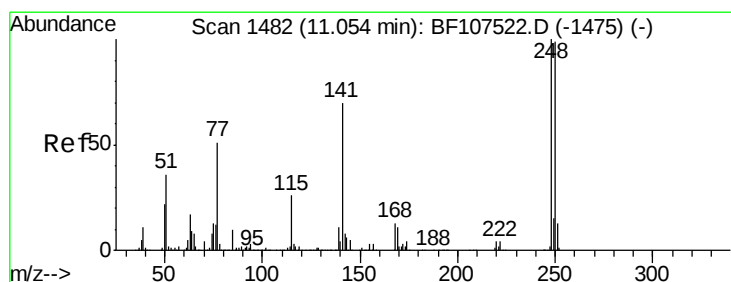
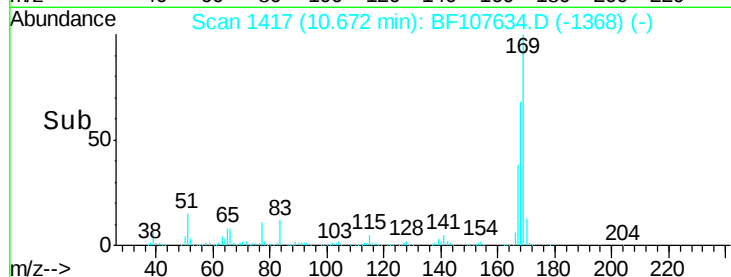
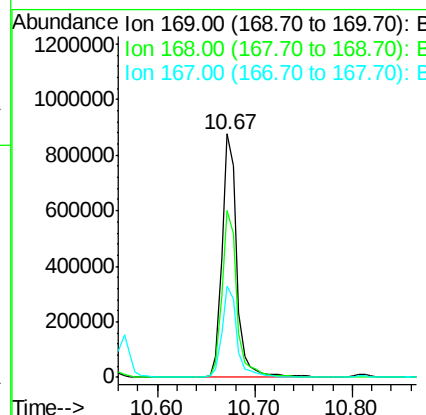
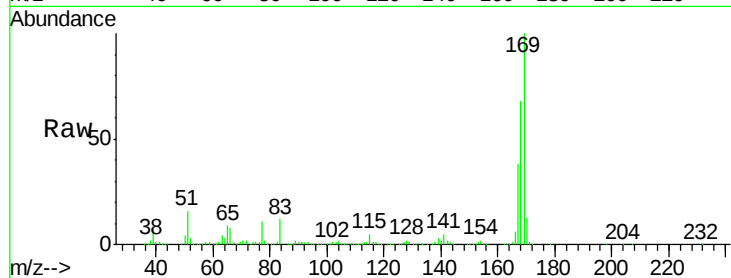




#65
n-Nitrosodiphenylamine
Concen: 44.077 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

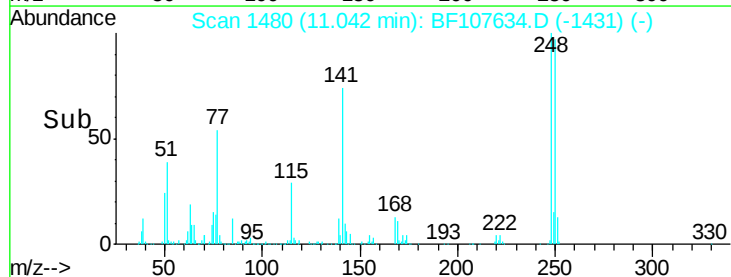
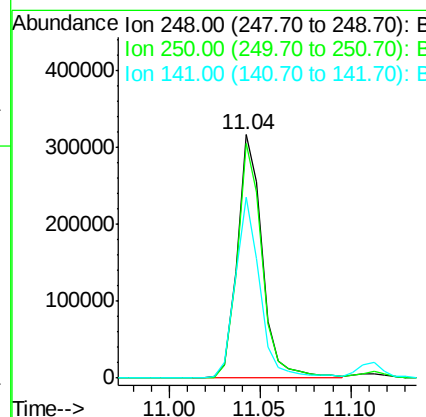
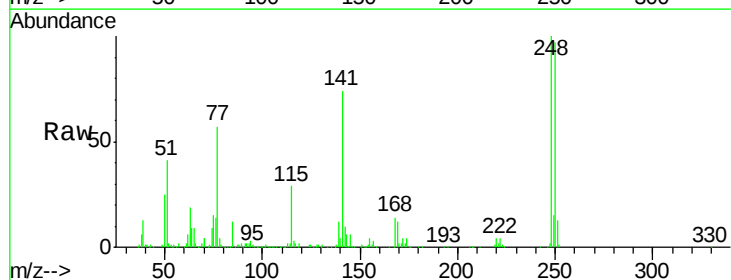
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

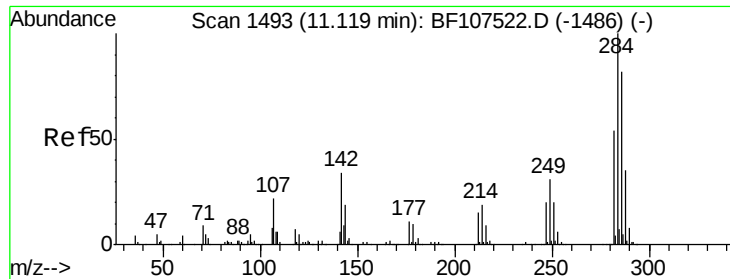
Tgt Ion:169 Resp: 920070
Ion Ratio Lower Upper
169 100
168 68.4 54.4 81.6
167 37.6 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 41.976 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:248 Resp: 303703
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 74.1 74.4 111.6#

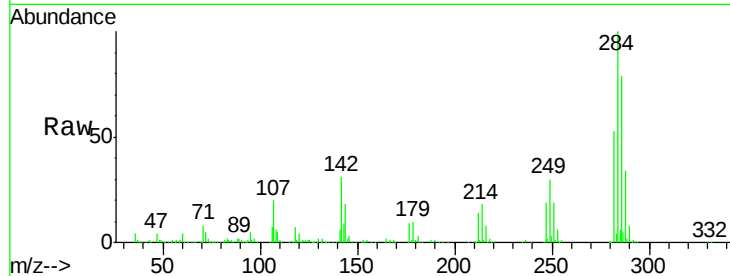




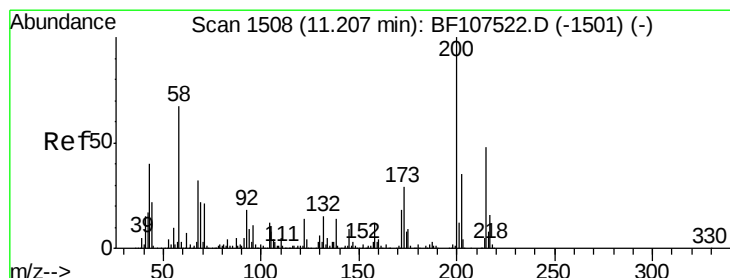
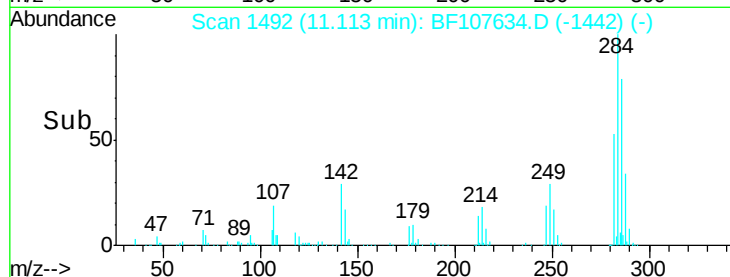
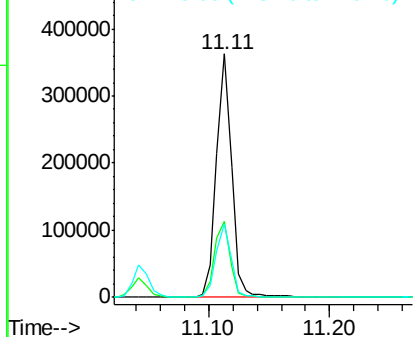
#67
Hexachlorobenzene
Concen: 39.466 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:284 Resp: 314188
Ion Ratio Lower Upper
284 100
142 31.1 34.6 52.0#
249 30.3 24.8 37.2

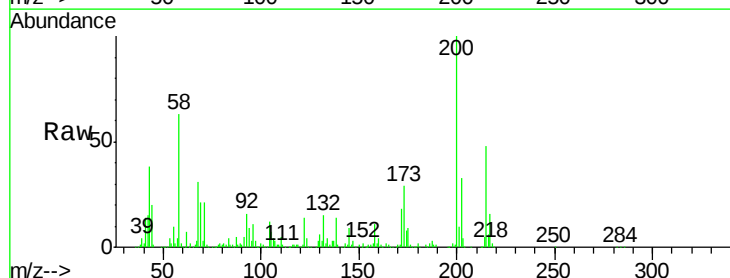


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

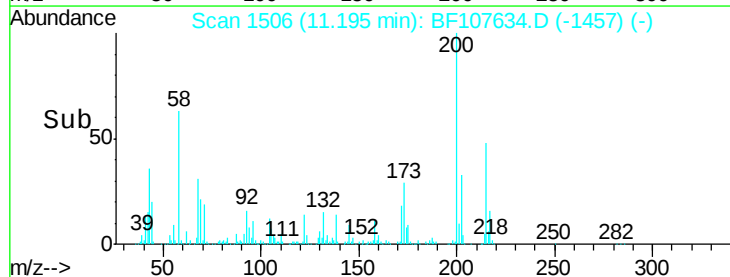
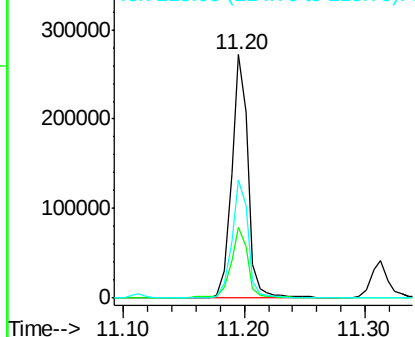


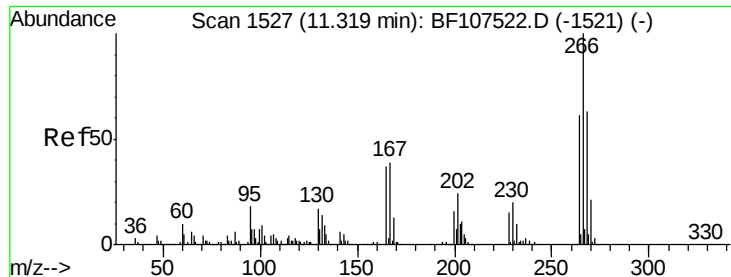
#68
Atrazine
Concen: 40.278 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF107634.D
Acq: 24 Jul 2018 22:07

Tgt Ion:200 Resp: 256708
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 48.4 25.1 65.1



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

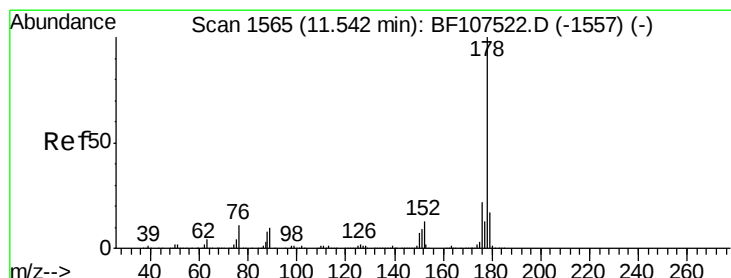
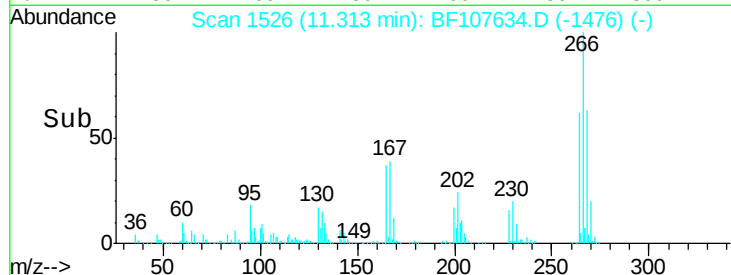
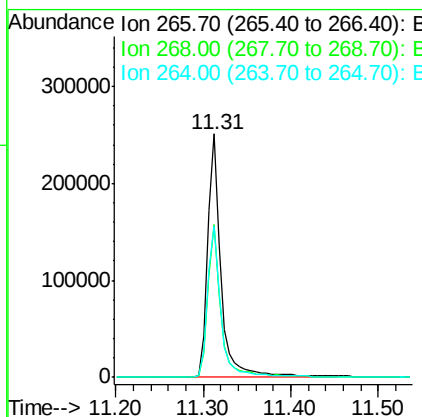
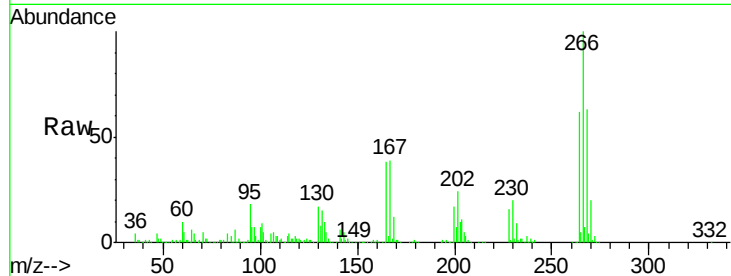




#69
 Pentachlorophenol
 Concen: 54.040 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

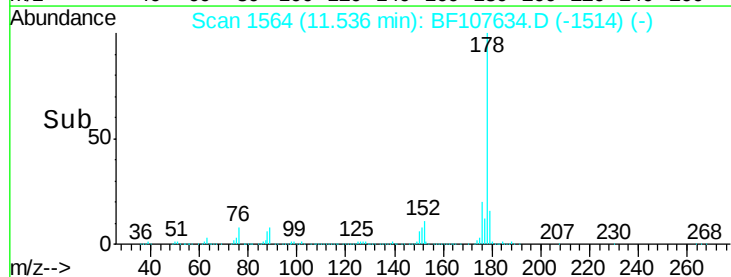
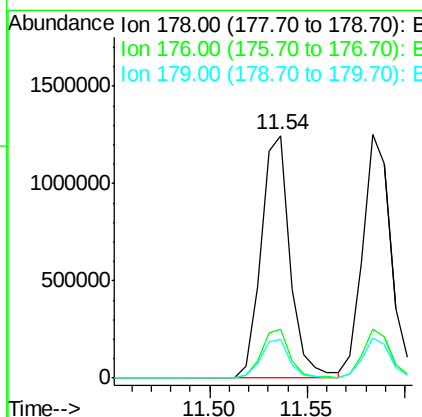
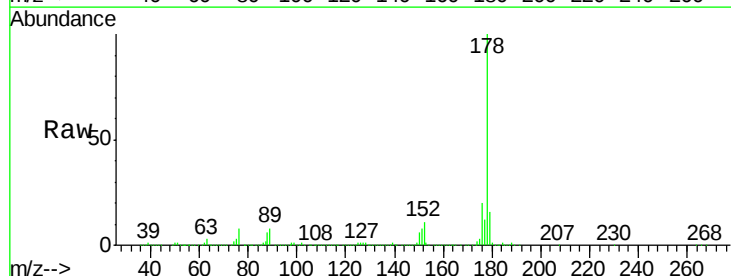
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

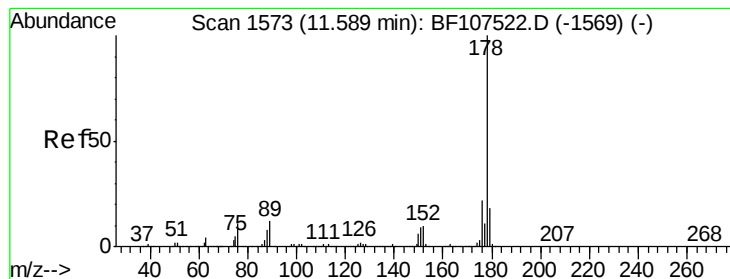
Tgt Ion: 266 Resp: 268716
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 42.818 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion: 178 Resp: 1282431
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.0 13.0 19.6





#71

Anthracene

Concen: 44.235 ng

RT: 11.58 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

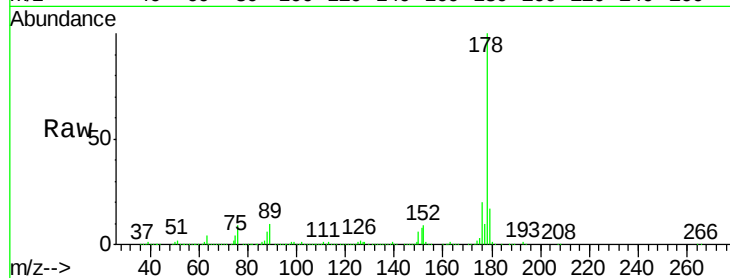
Tgt Ion:178 Resp: 1333964

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

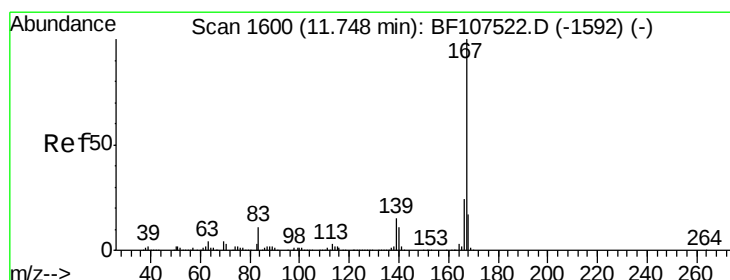
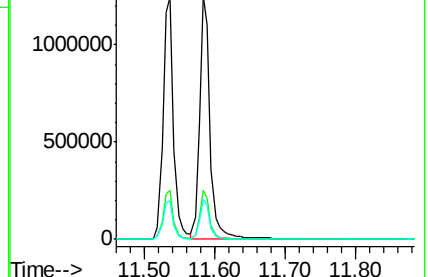
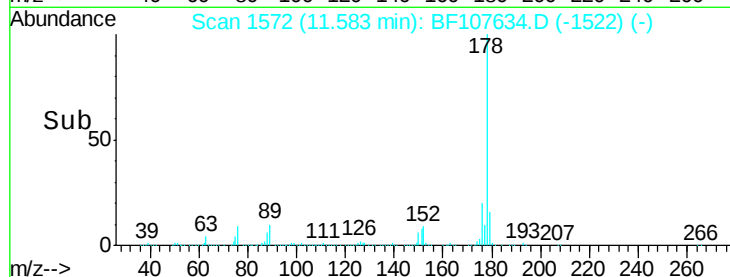
179 16.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.526 ng

RT: 11.74 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

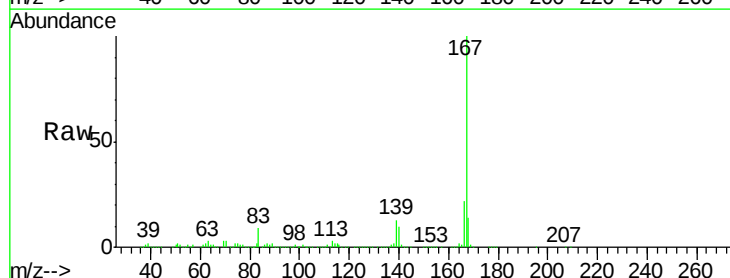
Tgt Ion:167 Resp: 1239486

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

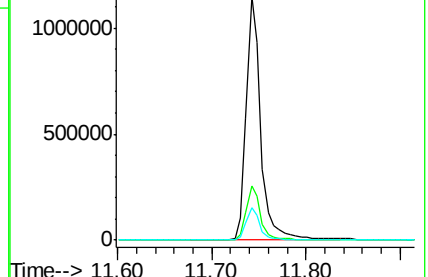
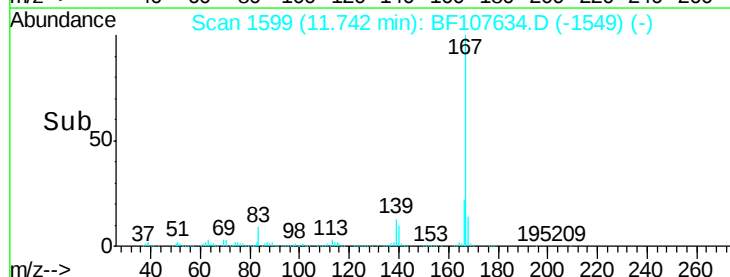
139 13.1 10.9 16.3

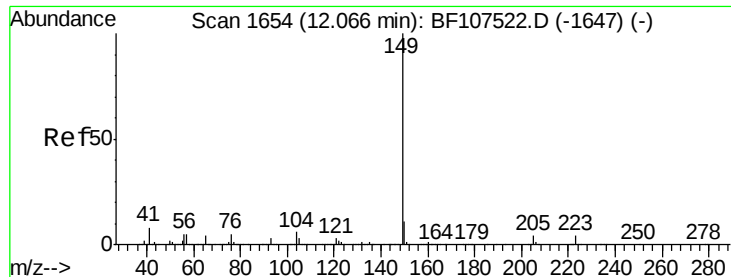


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.245 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

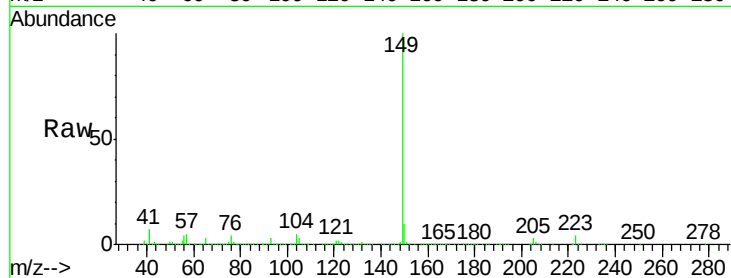
Tgt Ion:149 Resp: 1545062

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

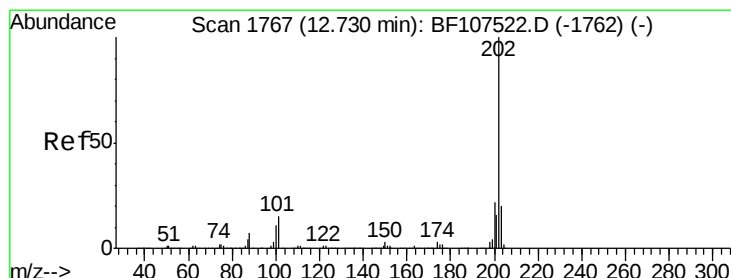
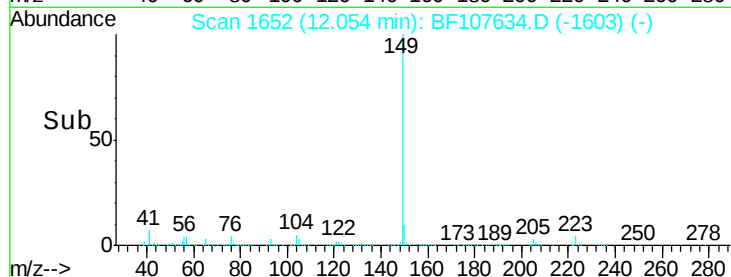
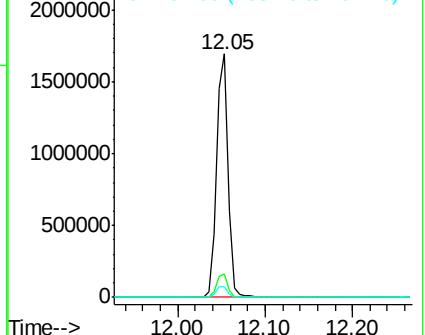
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.614 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

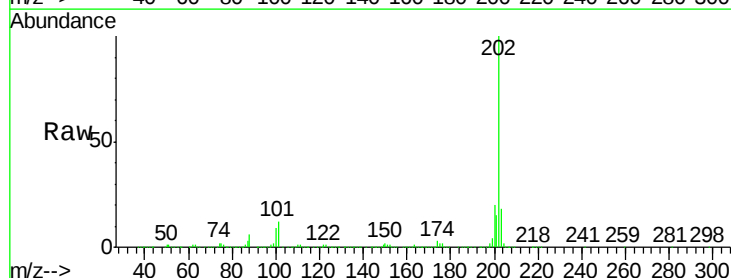
Tgt Ion:202 Resp: 1337457

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

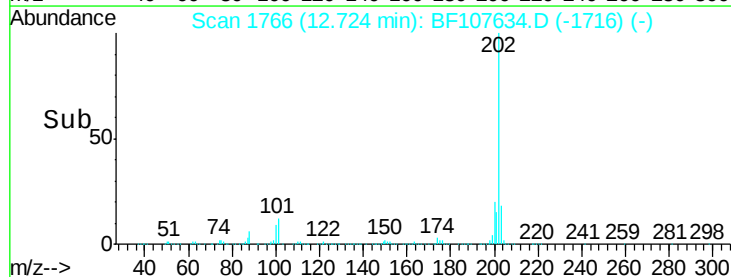
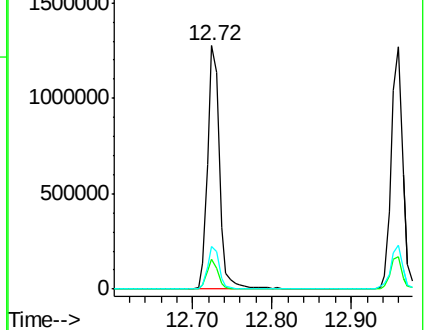
203 17.8 0.0 38.1

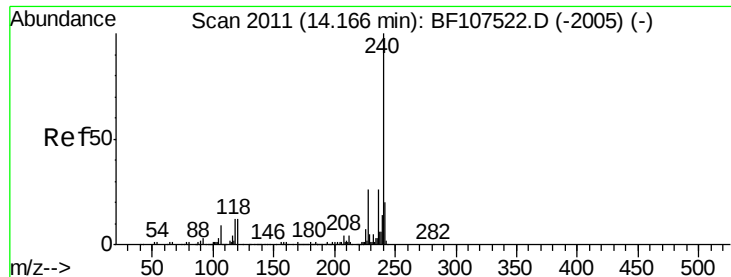


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

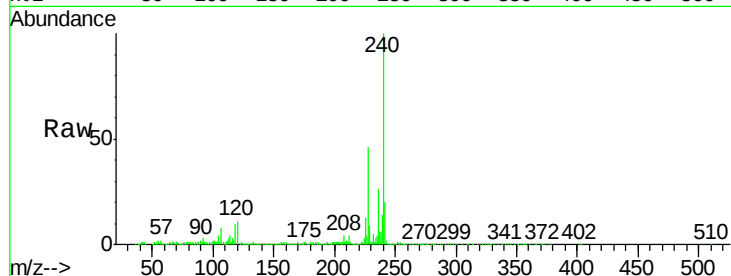
Tgt Ion:240 Resp: 438630

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

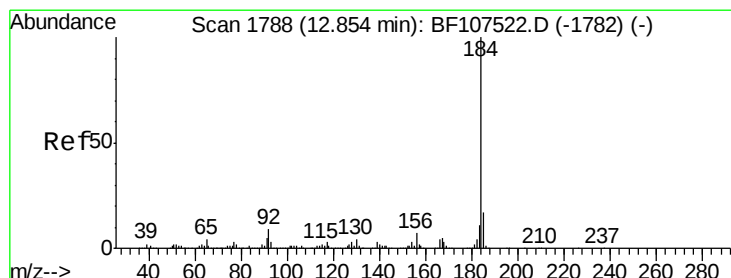
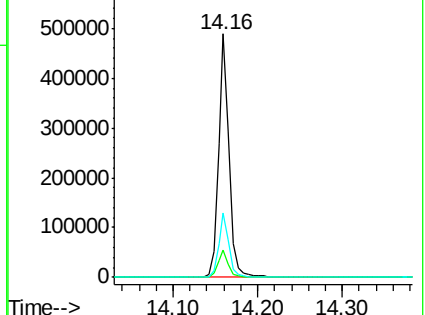
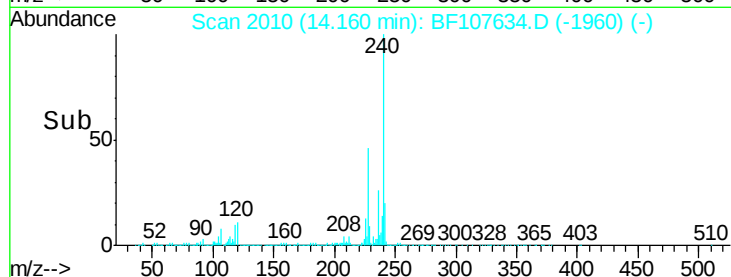
236 26.4 20.7 31.1



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: 61.515 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

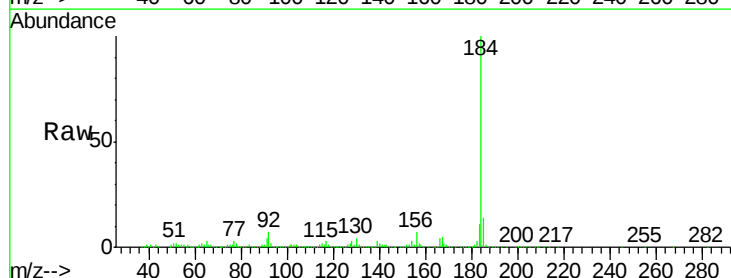
Tgt Ion:184 Resp: 777040

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

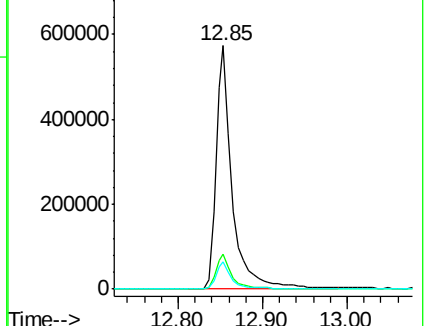
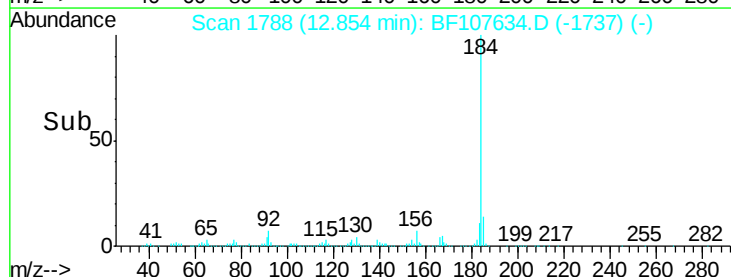
183 11.3 9.3 13.9

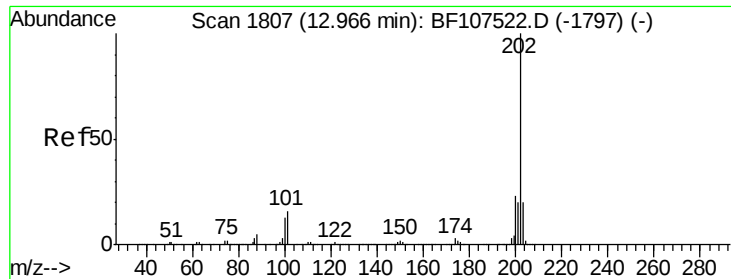


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

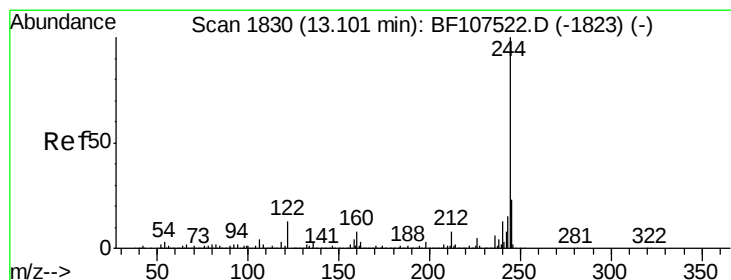
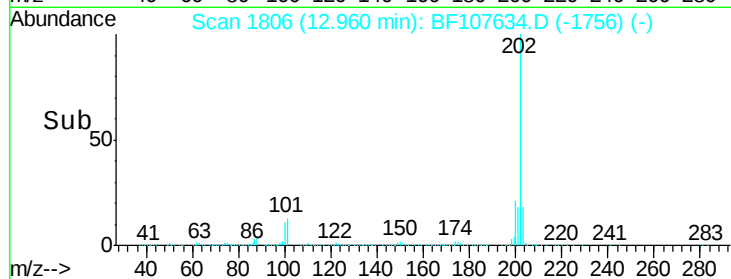
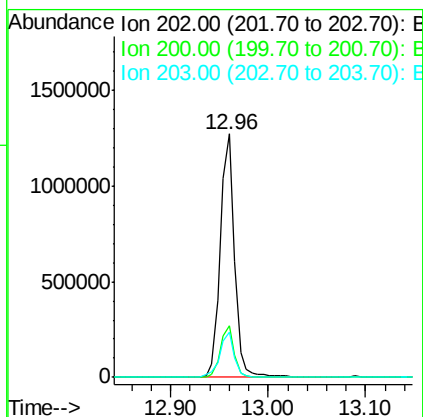
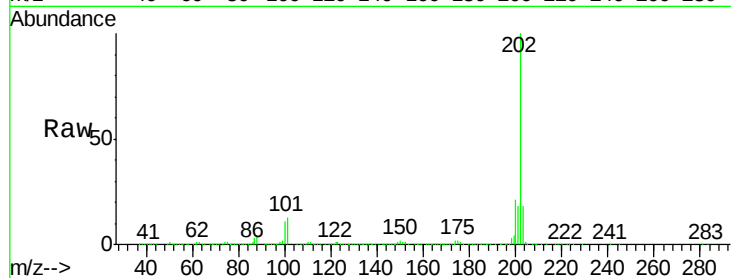




#77
 Pyrene
 Concen: 43.226 ng
 RT: 12.96 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

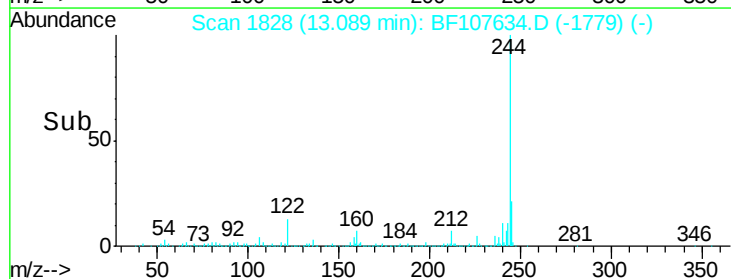
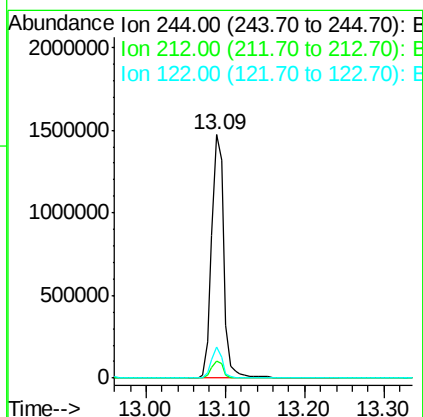
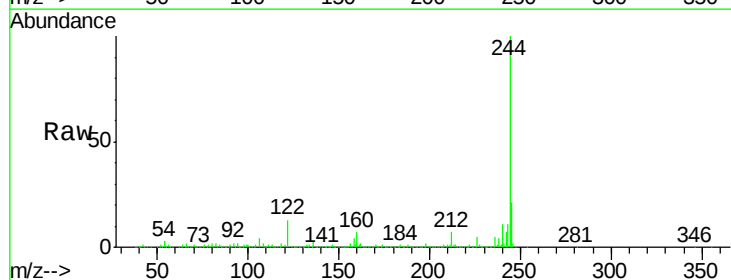
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

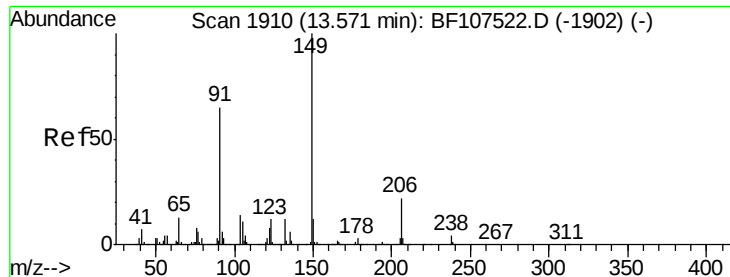
Tgt Ion:202 Resp: 1296889
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.4 26.2
 203 18.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 91.519 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:244 Resp: 1568024
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4





#79

Butylbenzylphthalate

Concen: 45.853 ng

RT: 13.56 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

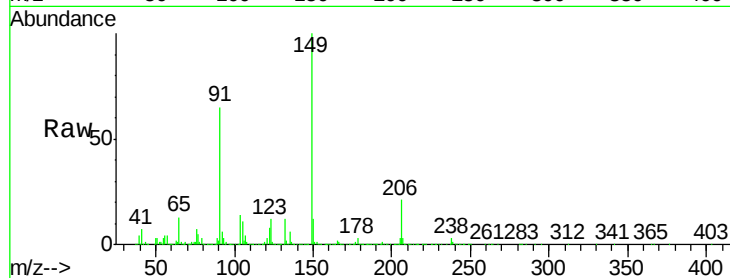
Tgt Ion:149 Resp: 591632

Ion Ratio Lower Upper

149 100

91 65.0 56.8 85.2

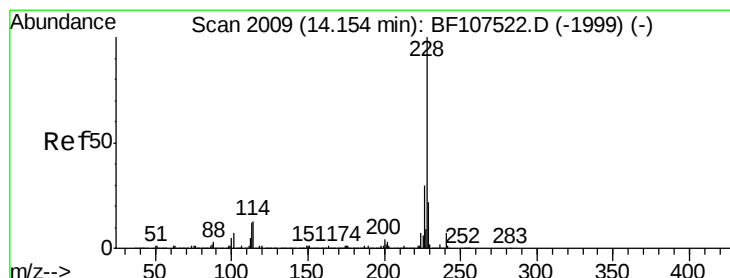
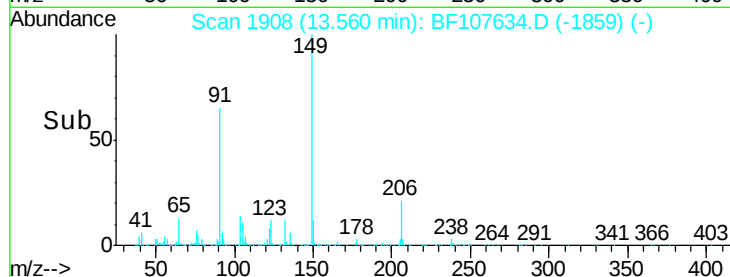
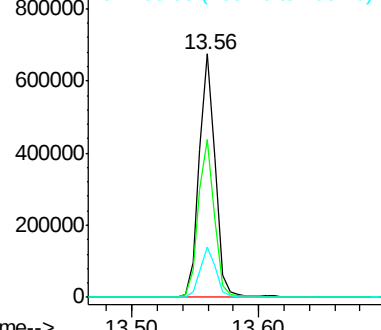
206 20.8 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.619 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

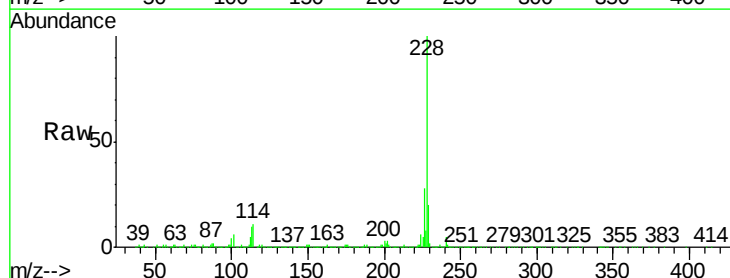
Tgt Ion:228 Resp: 1044079

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

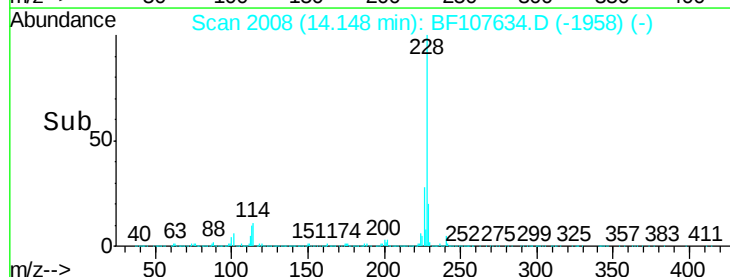
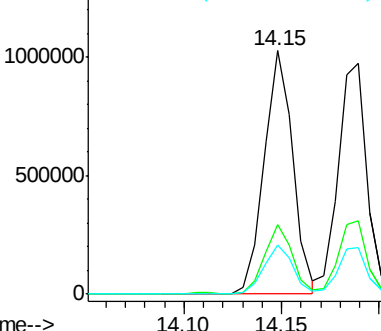
229 20.1 15.8 23.6

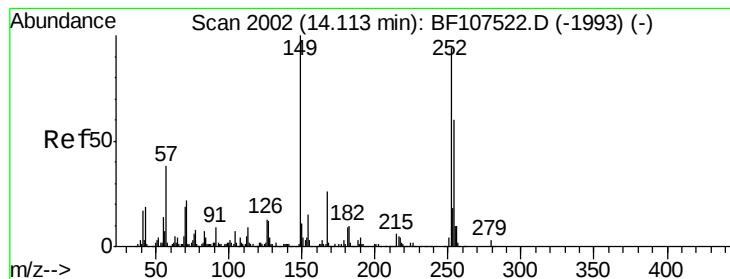


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

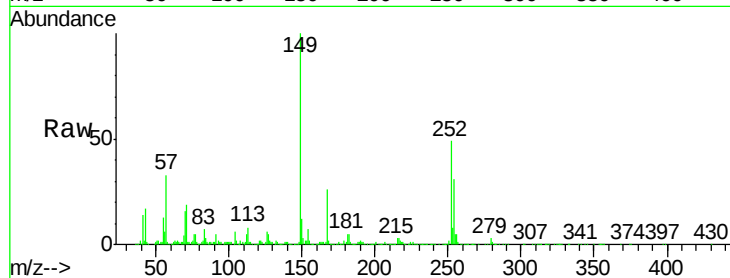




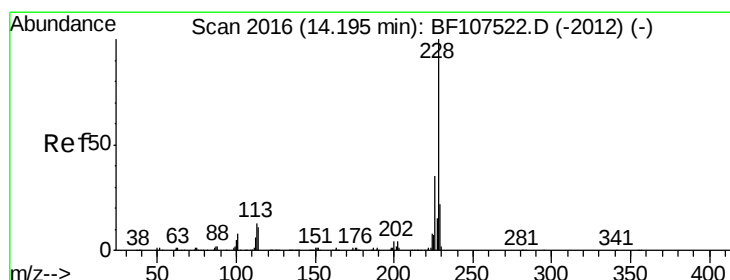
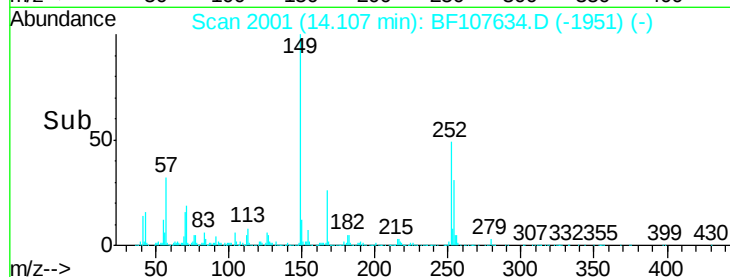
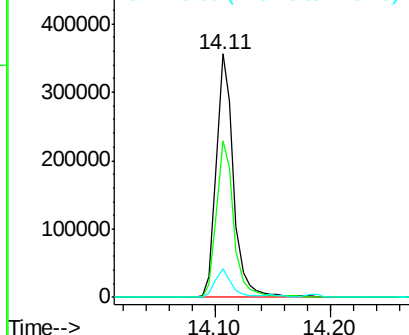
#81
 3,3'-Dichlorobenzidine
 Concen: 49.920 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion:252 Resp: 368575
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 11.7 11.3 16.9

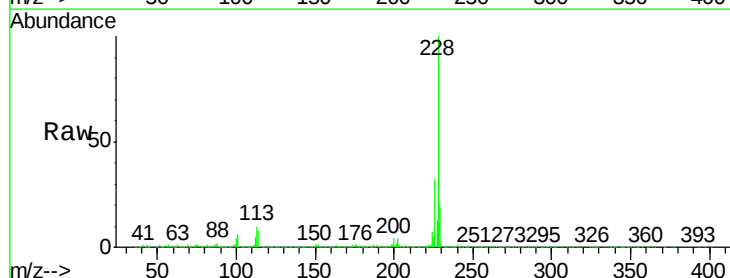


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

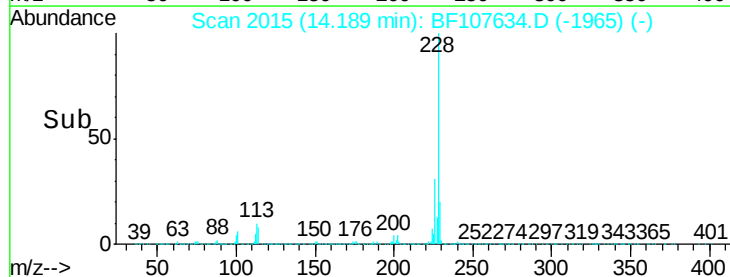
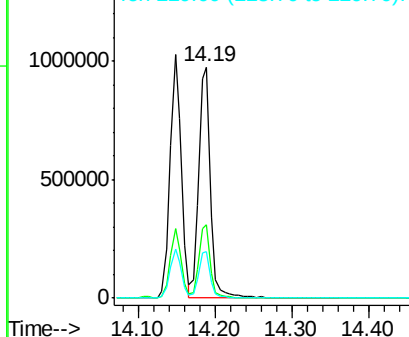


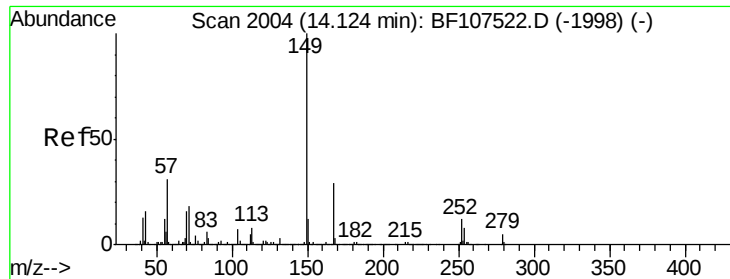
#82
 Chrysene
 Concen: 41.932 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:228 Resp: 1035367
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.3 16.2 24.4



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

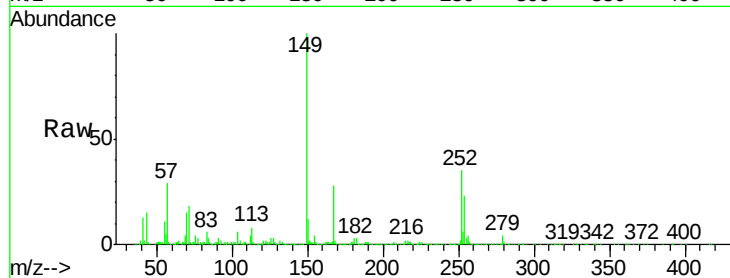




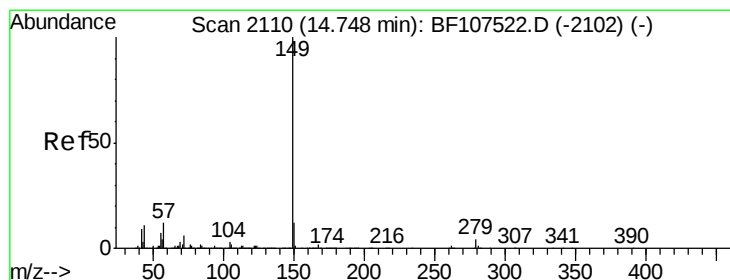
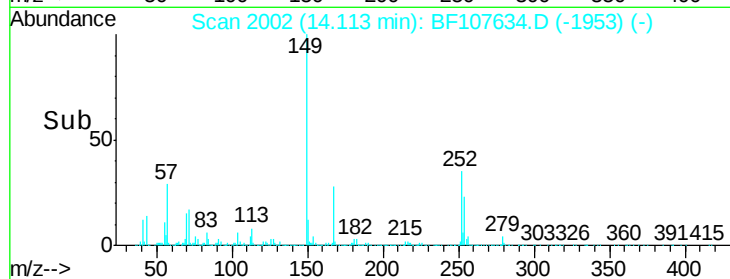
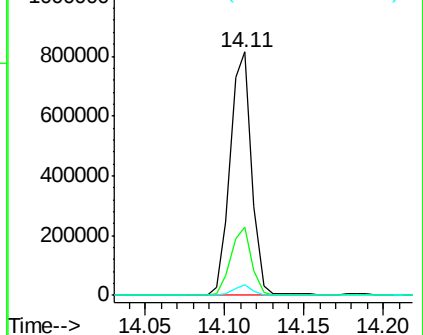
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.878 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion:149 Resp: 762413
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 4.1 3.0 4.4

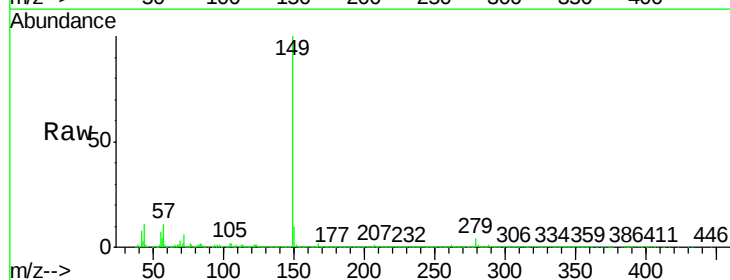


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

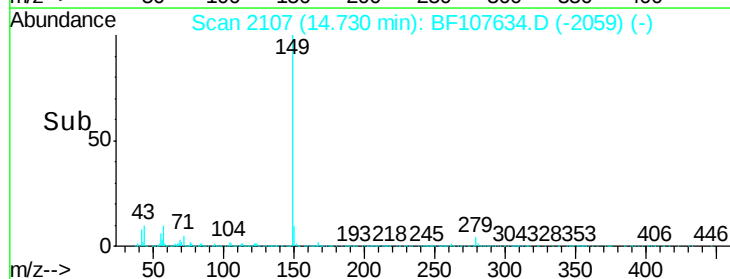
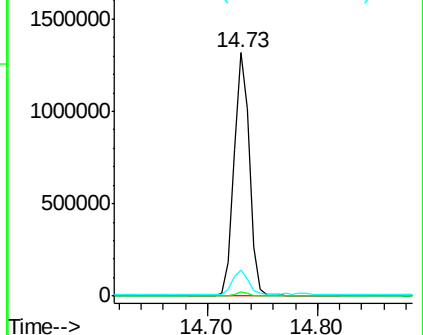


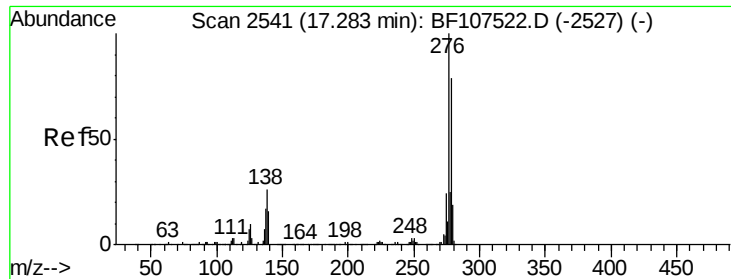
#84
 Di-n-octyl phthalate
 Concen: 45.449 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion:149 Resp: 1286151
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

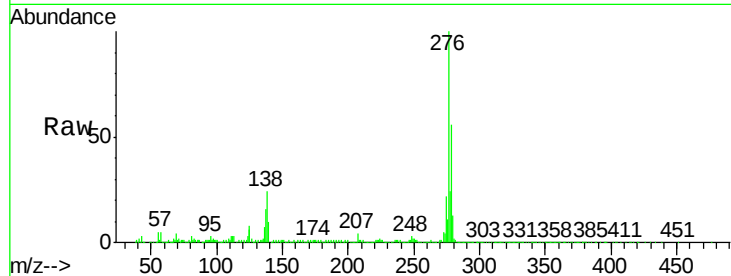




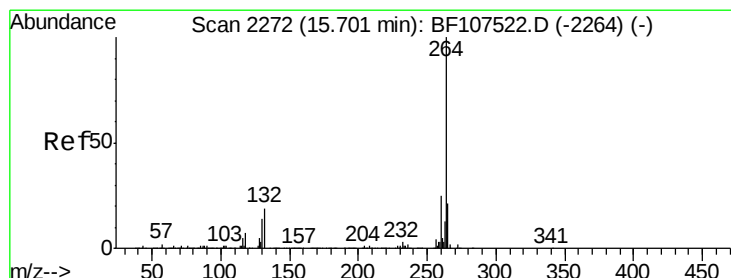
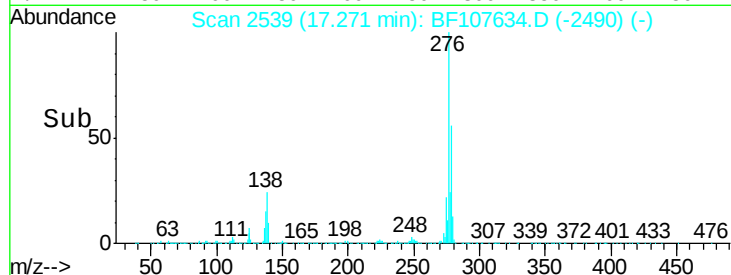
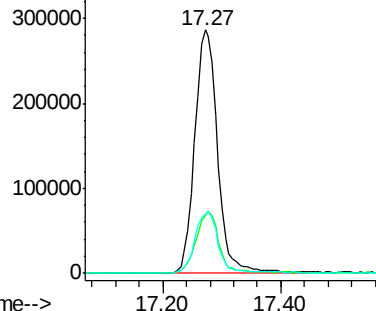
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.660 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	25.0	37.6#
277	25.1	20.1	30.1

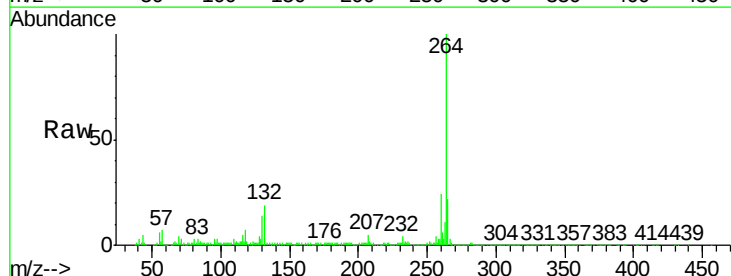


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

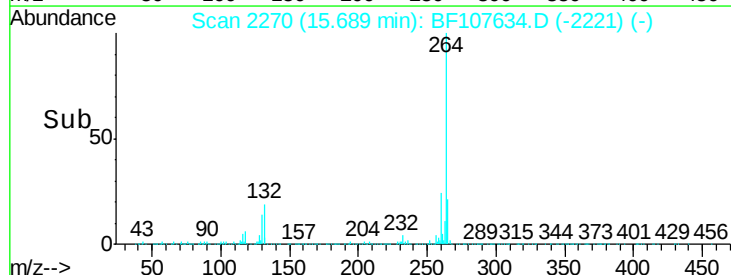
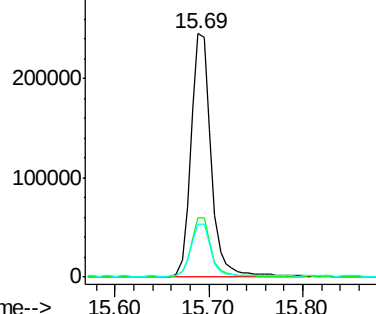


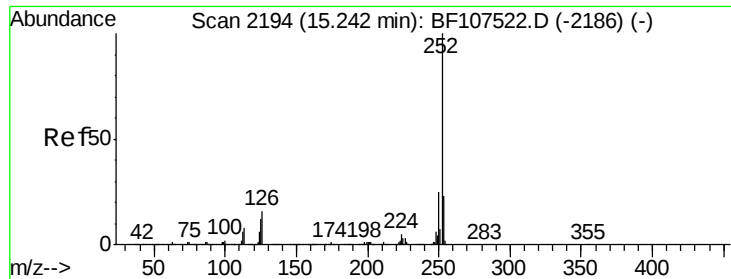
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107634.D
 Acq: 24 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.165 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

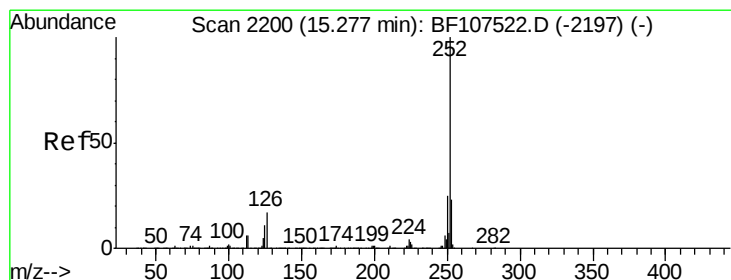
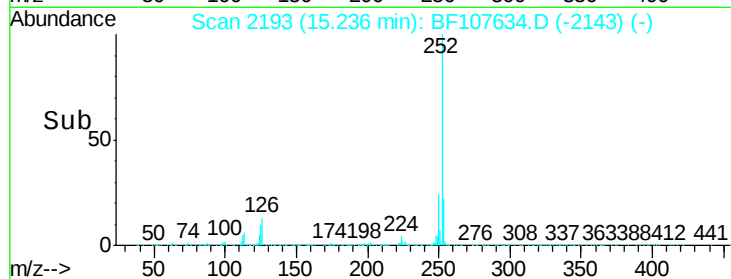
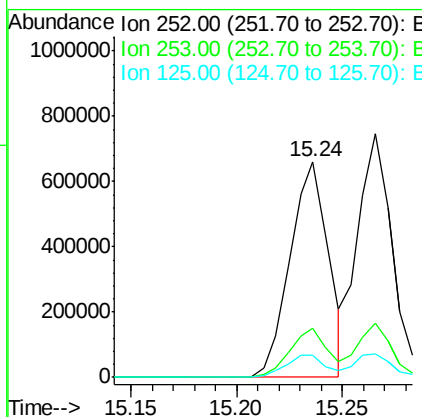
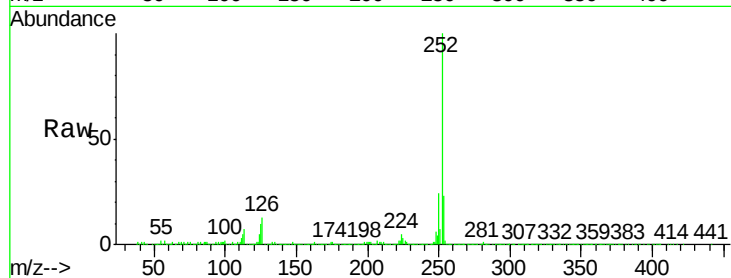
Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MS

Tgt Ion:252 Resp: 833994

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.0	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 45.856 ng

RT: 15.27 min Scan# 2198

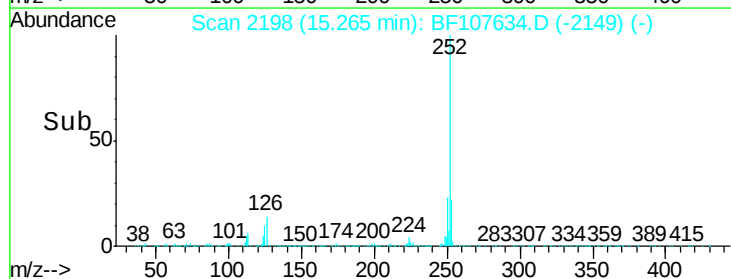
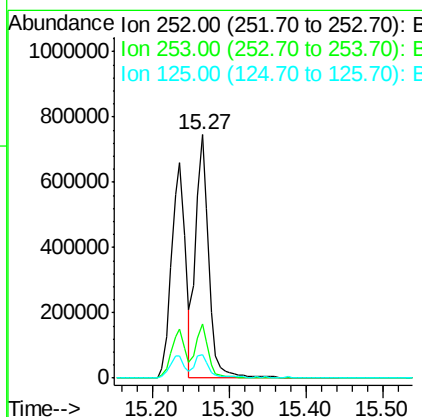
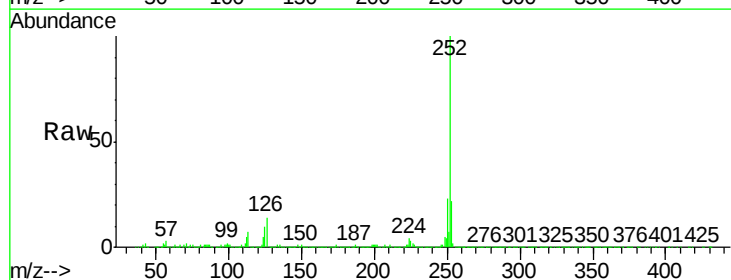
Delta R.T. -0.01 min

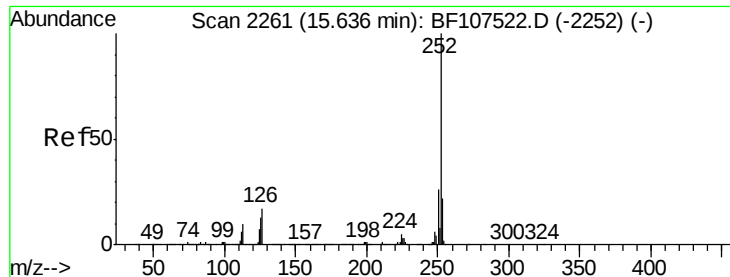
Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Tgt Ion:252 Resp: 888618

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.8	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 43.658 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

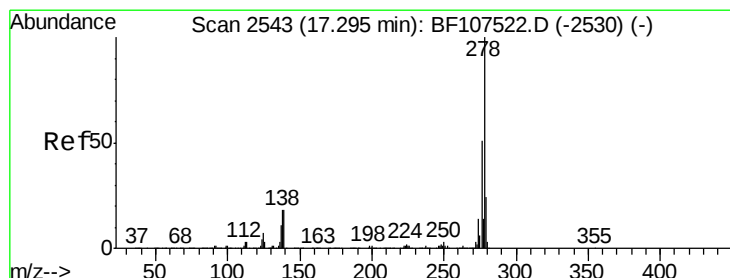
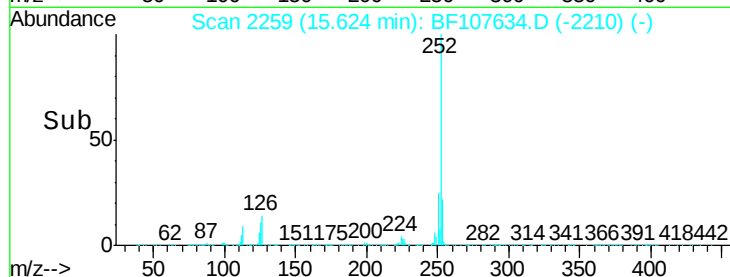
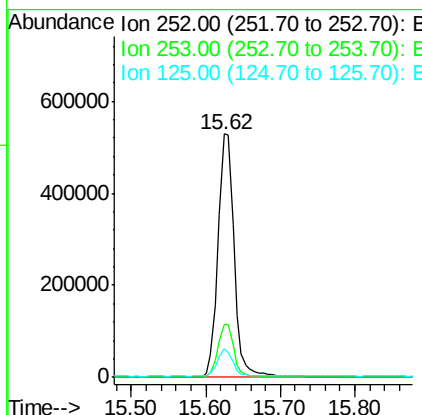
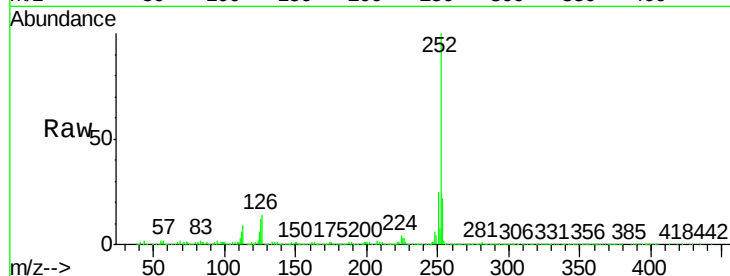
Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

Tgt Ion:	252	Resp:	789907
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	11.6	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 41.563 ng

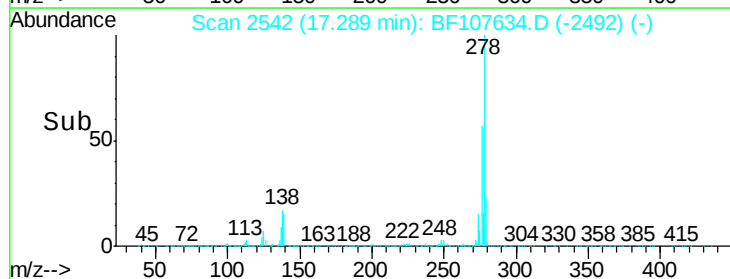
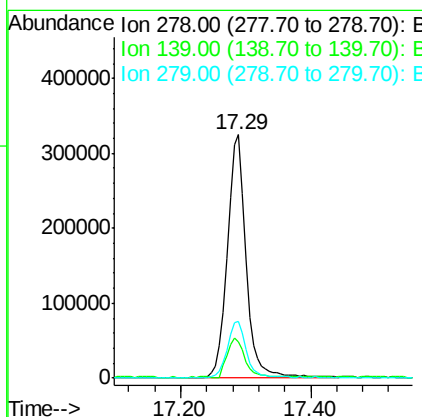
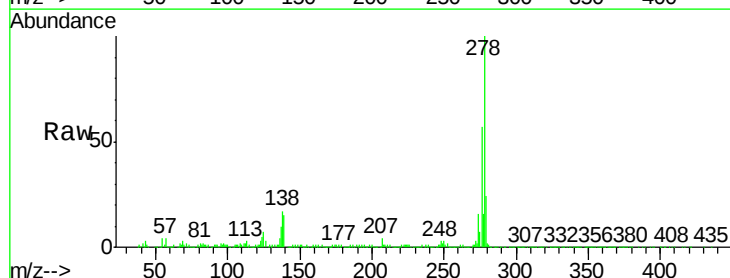
RT: 17.29 min Scan# 2542

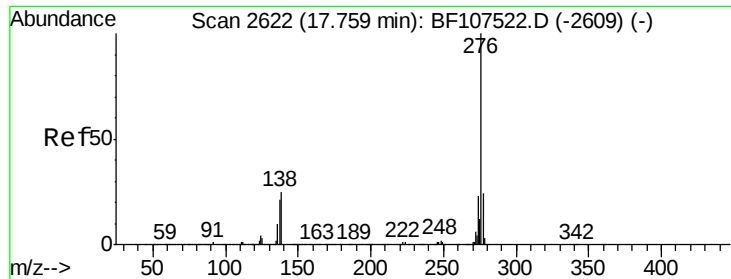
Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Tgt Ion:	278	Resp:	650039
Ion Ratio	Lower	Upper	
278	100		
139	15.0	15.9	23.9#
279	23.5	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 39.412 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107634.D

Acq: 24 Jul 2018 22:07

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MS

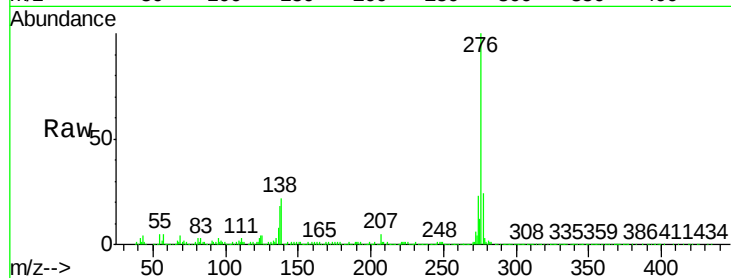
Tgt Ion: 276 Resp: 608018

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 22.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

