

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107635.D
 Acq On : 24 Jul 2018 22:34
 Operator : JU/SJ
 Sample : 4011-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Quant Time: Jul 25 01:06:20 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	265691	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	973468	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	389999	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	668231	20.00	ng	0.00
75) Chrysene-d12	14.16	240	470417	20.00	ng	0.00
86) Perylene-d12	15.69	264	394678	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1881999	113.89	ng	0.01
7) Phenol-d6	6.62	99	2190936	110.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	1396768	96.83	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	518416	116.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2204008	102.23	ng	0.00
78) Terphenyl-d14	13.09	244	1792841	97.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	235520	30.621	ng	# 84
3) Pyridine	3.68	79	646999	30.921	ng	86
4) n-Nitrosodimethylamine	3.64	42	302247	34.249	ng	92
6) Aniline	6.64	93	669396	26.157	ng	# 70
8) 2-Chlorophenol	6.77	128	704700	39.804	ng	97
9) Benzaldehyde	6.52	77	330235	24.712	ng	99
10) Phenol	6.63	94	811545	34.777	ng	82
11) bis(2-Chloroethyl)ether	6.71	93	694330	35.888	ng	91
12) 1,3-Dichlorobenzene	6.91	146	755042	37.615	ng	99
13) 1,4-Dichlorobenzene	6.99	146	790391	38.418	ng	99
14) 1,2-Dichlorobenzene	7.14	146	692138	37.488	ng	99
15) Benzyl Alcohol	7.12	79	545919	40.369	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1094956	33.548	ng	82
17) 2-Methylphenol	7.23	107	581476	38.643	ng	# 88
18) Hexachloroethane	7.48	117	207346	28.734	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	458798	35.792	ng	99
20) 3+4-Methylphenols	7.38	107	674416	37.744	ng	# 67
22) Acetophenone	7.38	105	955539	41.796	ng	# 88
24) Nitrobenzene	7.56	77	706654	42.772	ng	98
25) Isophorone	7.79	82	1293307	41.993	ng	99
26) 2-Nitrophenol	7.87	139	343256	49.200	ng	98
27) 2,4-Dimethylphenol	7.91	122	575430	43.573	ng	100
28) bis(2-Chloroethoxy)methane	8.00	93	837523	40.691	ng	99
29) 2,4-Dichlorophenol	8.12	162	583055	43.195	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	602304	39.728	ng	99
31) Naphthalene	8.28	128	1907593	44.562	ng	98
32) Benzoic acid	7.91	122	575430	60.041	ng	# 14
33) 4-Chloroaniline	8.33	127	441303	23.586	ng	99
34) Hexachlorobutadiene	8.38	225	356340	39.556	ng	99
35) Caprolactam	8.70	113	159158	36.251	ng	# 77
36) 4-Chloro-3-methylphenol	8.82	107	605093	40.355	ng	96
37) 2-Methylnaphthalene	8.97	142	1253718	42.264	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	582319	44.766	ng	97
40) Hexachlorocyclopentadiene	9.11	237	64194	9.708	ng	97

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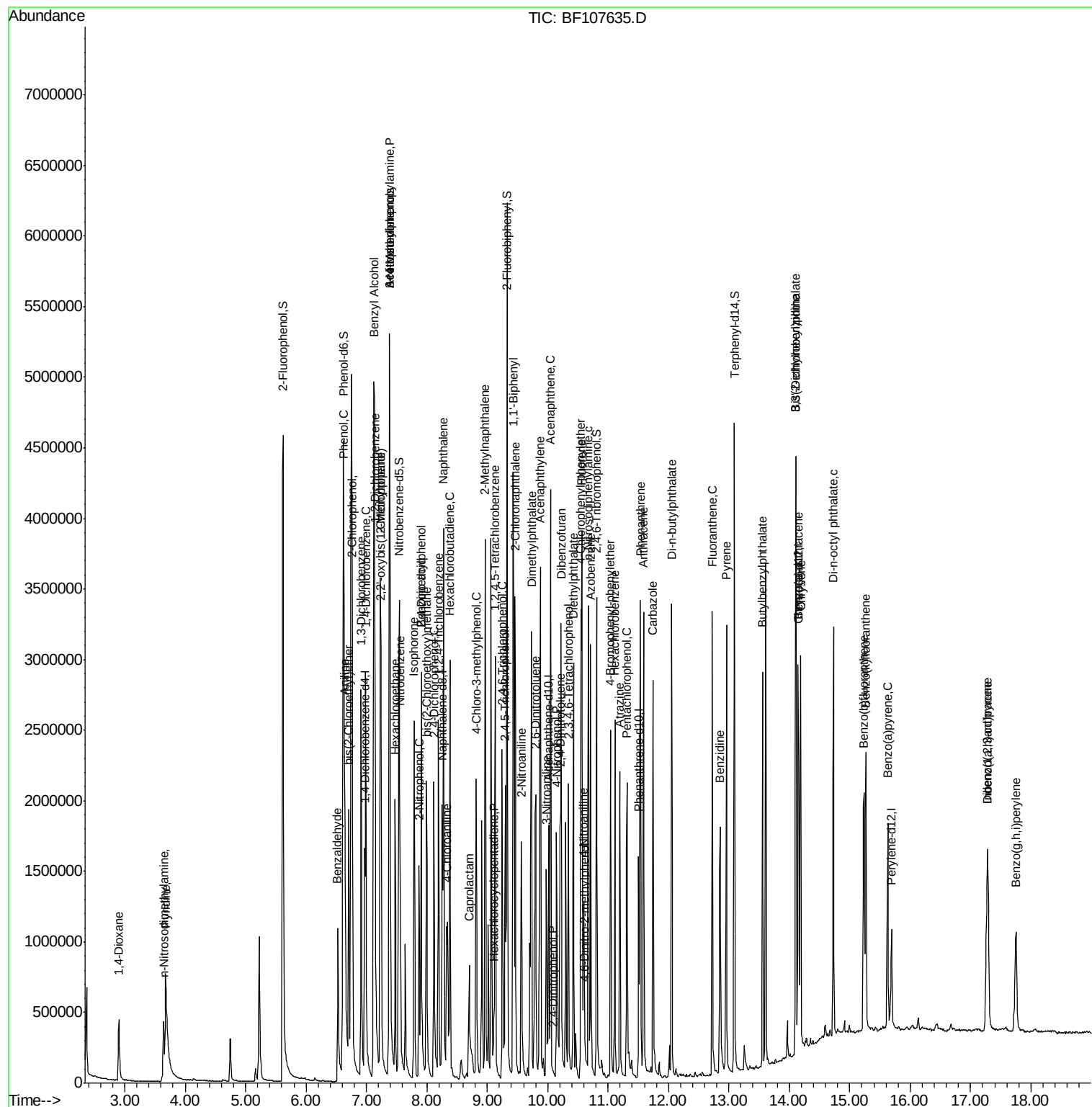
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	366771	44.050	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	389465	44.755	ng	96
45) 1,1'-Biphenyl	9.43	154	1479093	43.537	ng	99
46) 2-Chloronaphthalene	9.46	162	1096182	42.212	ng	98
47) 2-Nitroaniline	9.57	65	405014	53.498	ng	95
48) Acenaphthylene	9.88	152	1697603	43.518	ng	97
49) Dimethylphthalate	9.73	163	1534514	52.207	ng	98
50) 2,6-Dinitrotoluene	9.80	165	259727	44.507	ng	95
51) Acenaphthene	10.05	154	1011687	41.392	ng	99
52) 3-Nitroaniline	9.98	138	305180	42.987	ng	97
53) 2,4-Dinitrophenol	10.10	184	2765	9.662	ng #	1
54) Dibenzofuran	10.22	168	1485202	41.275	ng	100
55) 4-Nitrophenol	10.15	139	361497	68.010	ng	96
56) 2,4-Dinitrotoluene	10.21	165	308944	43.858	ng	95
57) Fluorene	10.57	166	1130348	44.032	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	292771	40.425	ng #	86
59) Diethylphthalate	10.43	149	1265324	41.219	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	569065	39.212	ng	91
61) 4-Nitroaniline	10.60	138	287089	48.131	ng	98
62) Azobenzene	10.71	77	1065368	37.011	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	10342	11.307	ng #	80
65) n-Nitrosodiphenylamine	10.68	169	1012879	44.630	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	336453	42.772	ng	92
67) Hexachlorobenzene	11.11	284	350293	40.472	ng #	88
68) Atrazine	11.20	200	276623	39.921	ng	95
69) Pentachlorophenol	11.31	266	299833	55.461	ng	99
70) Phenanthrene	11.54	178	1420977	43.638	ng	99
71) Anthracene	11.59	178	1484218	45.270	ng	99
72) Carbazole	11.74	167	1391318	40.809	ng	99
73) Di-n-butylphthalate	12.05	149	1687358	49.574	ng	99
74) Fluoranthene	12.72	202	1498430	42.883	ng	98
76) Benzidine	12.85	184	941376	69.489	ng	97
77) Pyrene	12.96	202	1457467	45.295	ng	98
79) Butylbenzylphthalate	13.56	149	667030	48.203	ng	92
80) Benzo(a)anthracene	14.15	228	1167718	42.359	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	410561	52.807	ng	96
82) Chrysene	14.19	228	1162299	43.892	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	838648	42.952	ng	98
84) Di-n-octyl phthalate	14.73	149	1441036	47.482	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	863247	38.463	ng #	93
87) Benzo(b)fluoranthene	15.24	252	940285	43.531	ng	99
88) Benzo(k)fluoranthene	15.27	252	980581	46.336	ng	97
89) Benzo(a)pyrene	15.63	252	876695	44.371	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	734054	42.978	ng	96
91) Benzo(g,h,i)perylene	17.75	276	689682	40.937	ng #	92

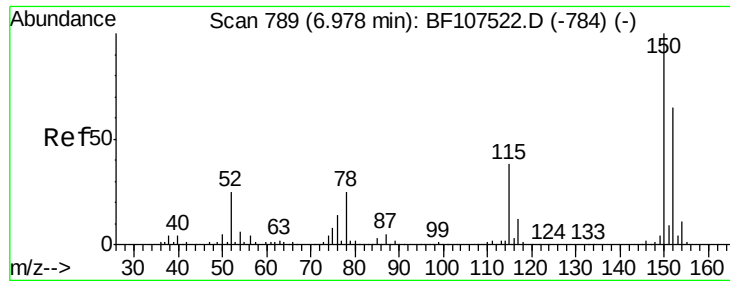
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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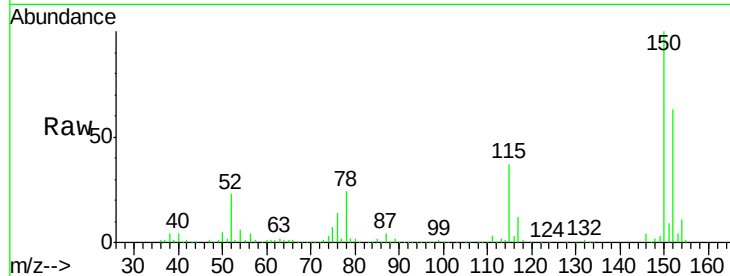




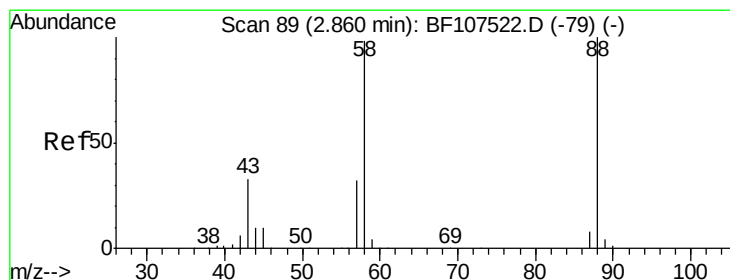
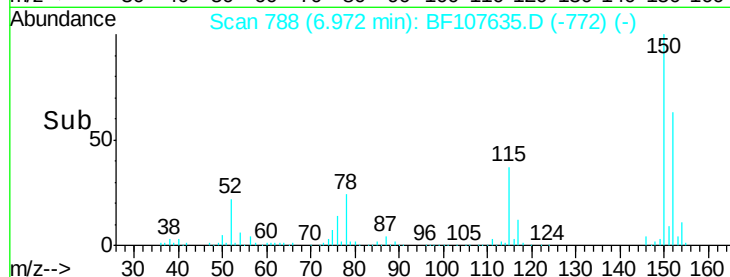
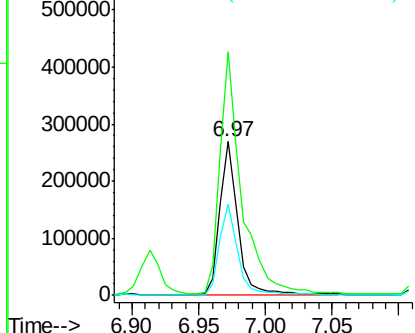
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion: 152 Resp: 265691
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 59.1 50.1 75.1

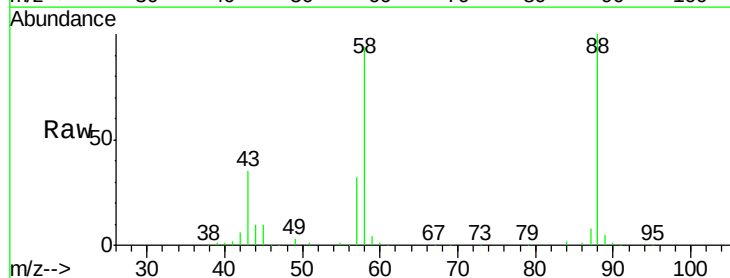


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

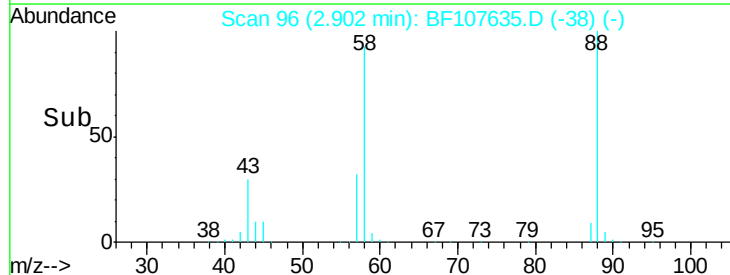
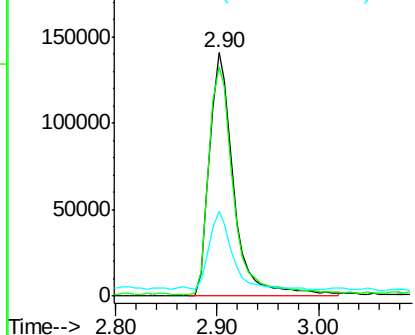


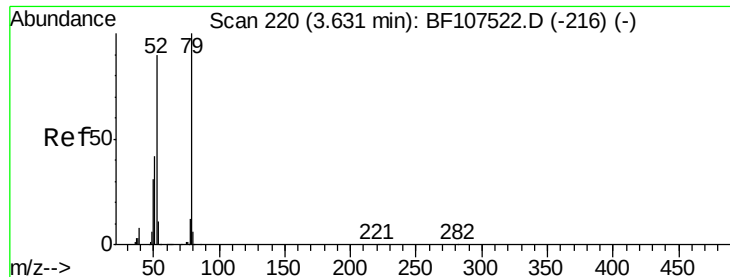
#2
 1,4-Dioxane
 Concen: 30.621 ng
 RT: 2.90 min Scan# 96
 Delta R.T. 0.04 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion: 88 Resp: 235520
 Ion Ratio Lower Upper
 88 100
 58 96.6 62.6 93.8#
 43 28.2 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: 30.921 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

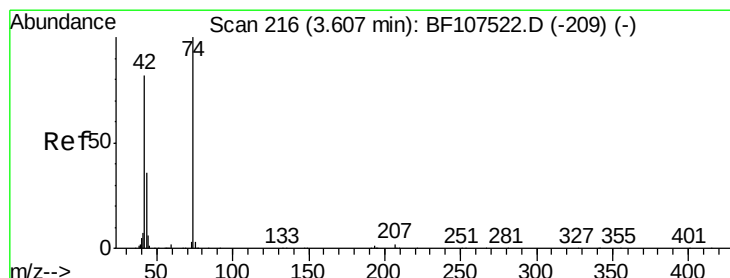
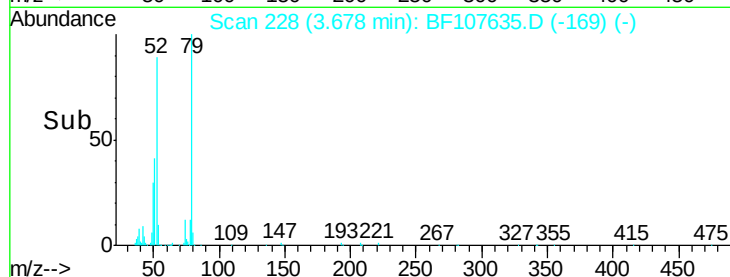
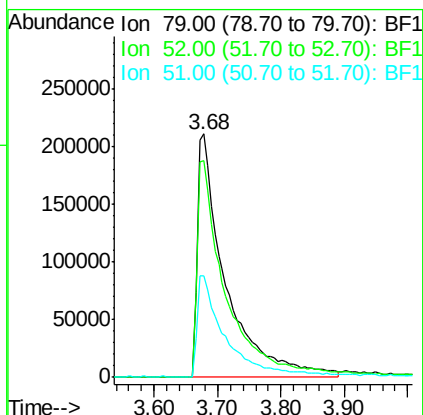
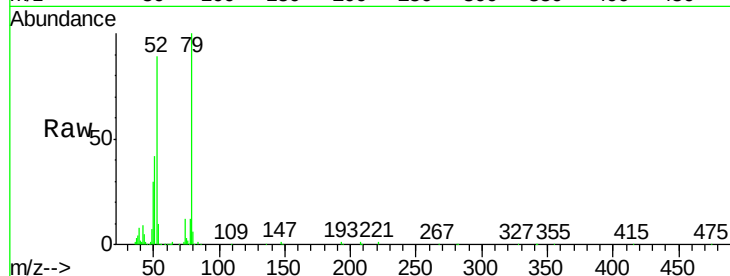
Tgt Ion: 79 Resp: 646999

Ion Ratio Lower Upper

79 100

52 88.8 59.8 89.6

51 41.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.249 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

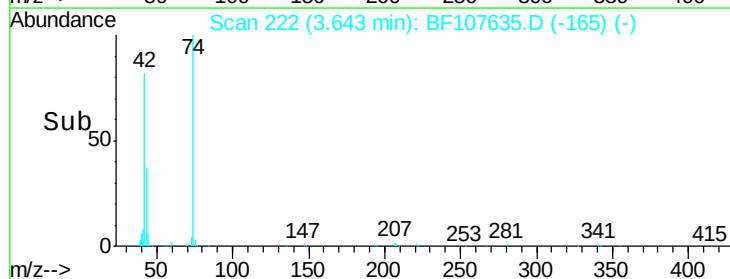
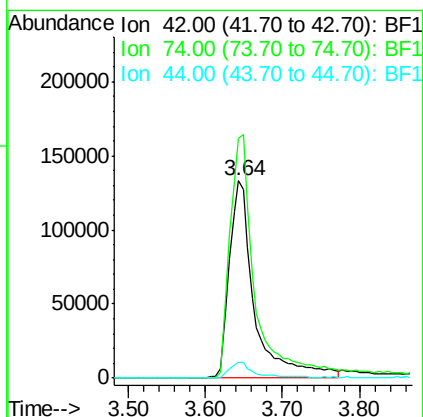
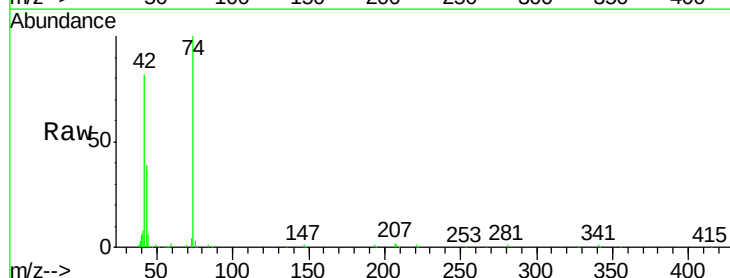
Tgt Ion: 42 Resp: 302247

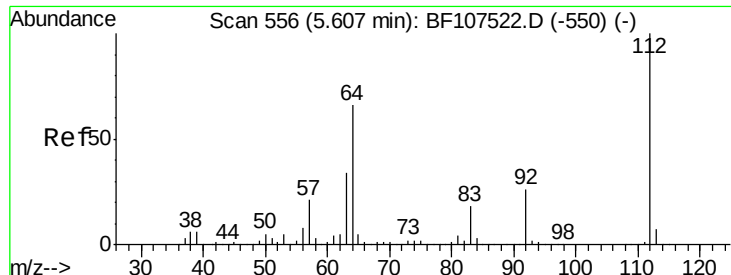
Ion Ratio Lower Upper

42 100

74 121.4 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 113.888 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

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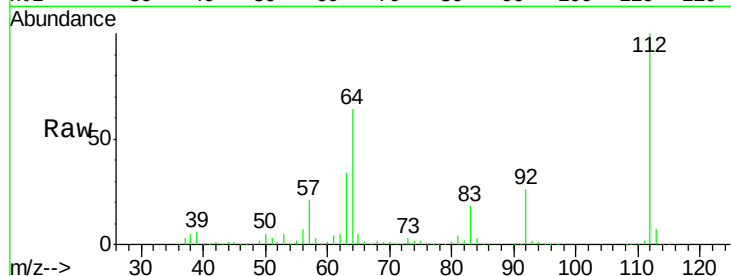
Tgt Ion: 112 Resp: 1881999

Ion Ratio Lower Upper

112 100

64 63.7 47.9 71.9

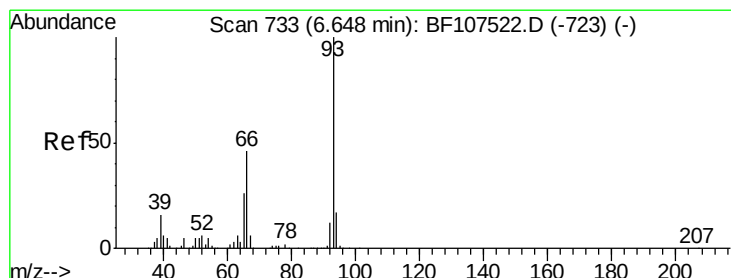
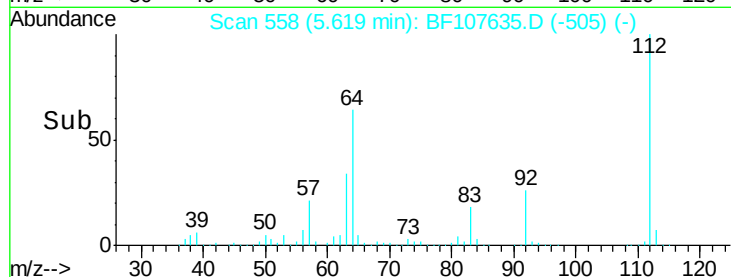
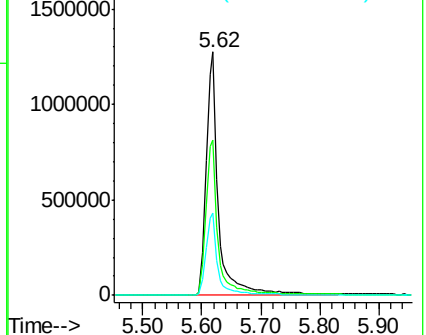
63 33.6 23.7 35.5



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: 26.157 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

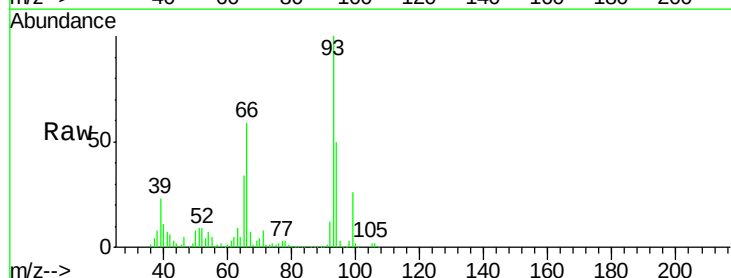
Tgt Ion: 93 Resp: 669396

Ion Ratio Lower Upper

93 100

66 58.8 32.2 48.2#

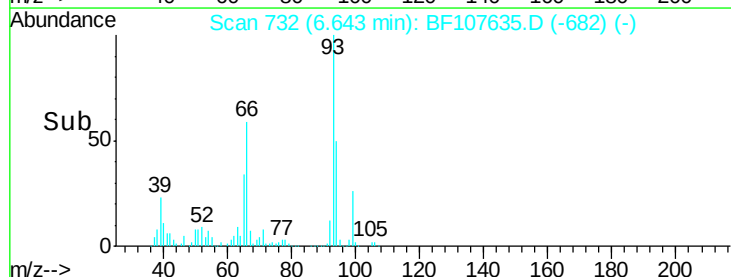
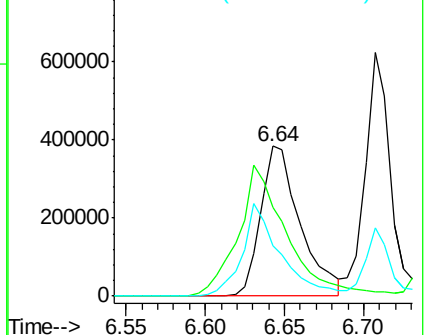
65 34.0 16.4 24.6#

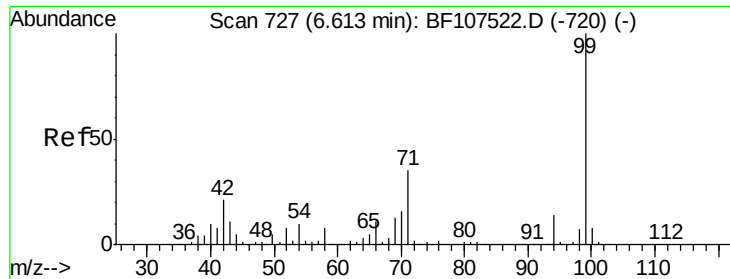


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.418 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107635.D

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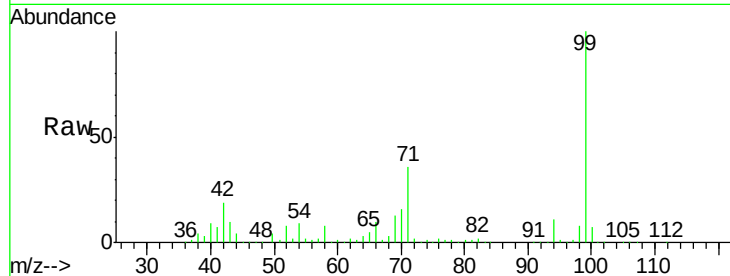
Tgt Ion: 99 Resp: 2190936

Ion Ratio Lower Upper

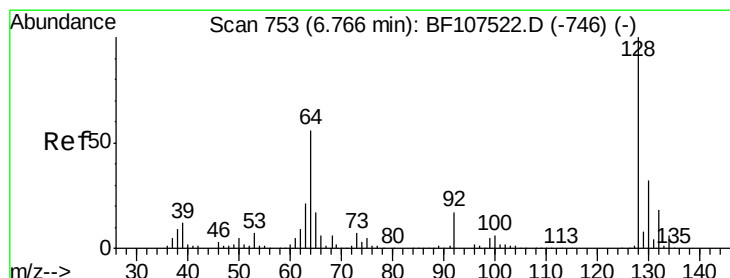
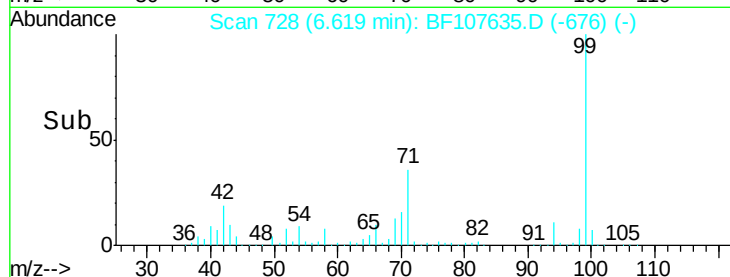
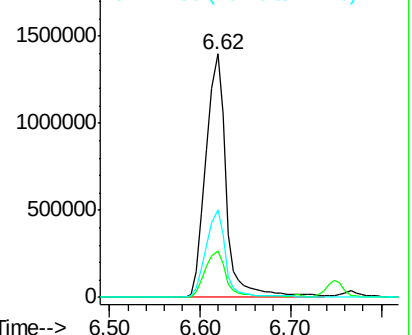
99 100

42 19.0 14.5 21.7

71 36.1 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: 39.804 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

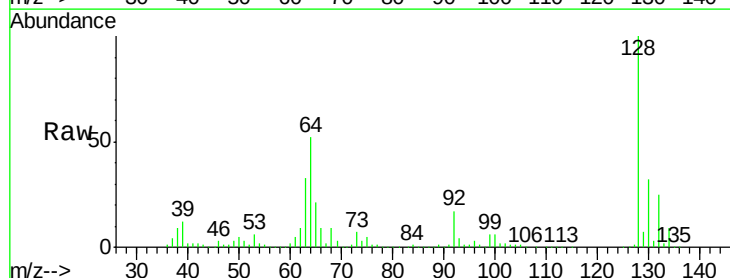
Tgt Ion: 128 Resp: 704700

Ion Ratio Lower Upper

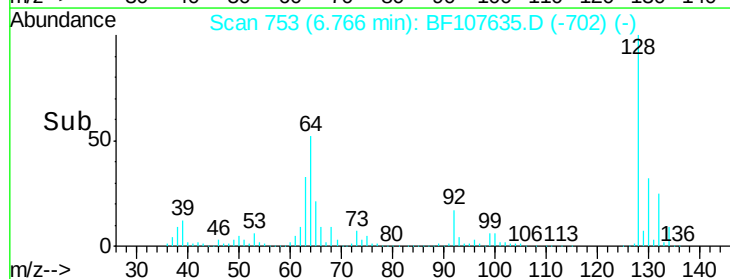
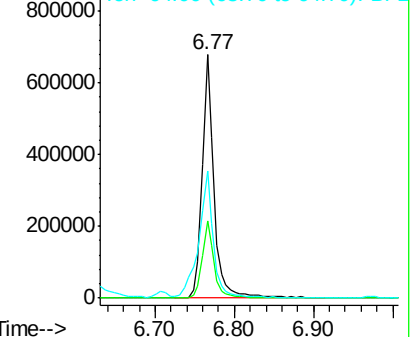
128 100

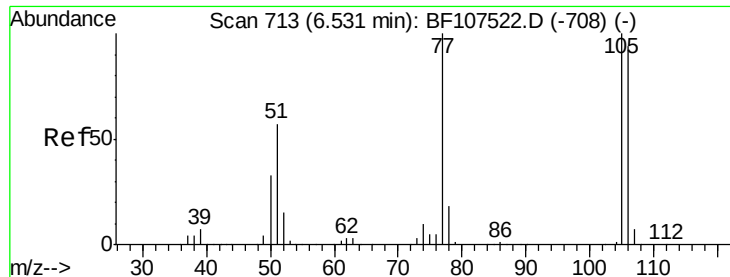
130 31.9 13.0 53.0

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: 24.712 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

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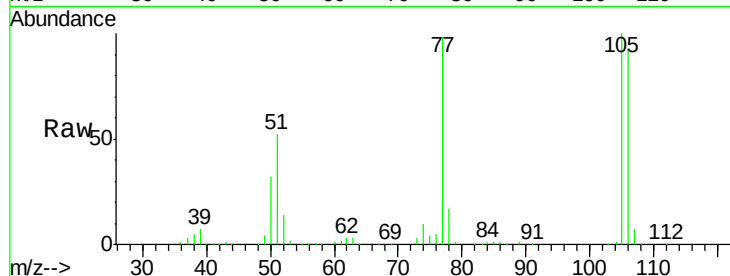
Tgt Ion: 77 Resp: 330235

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

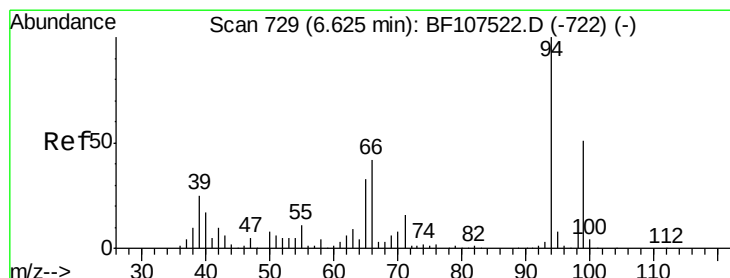
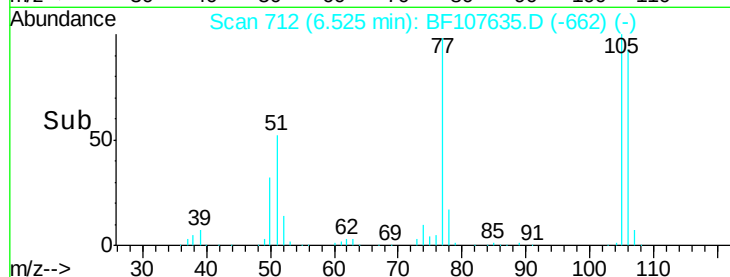
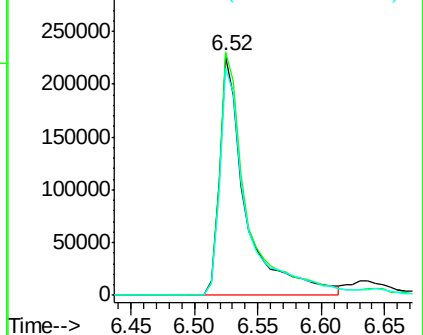
106 95.0 74.5 114.5



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: 34.777 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

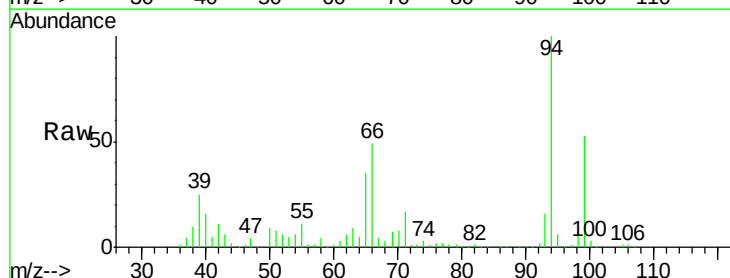
Tgt Ion: 94 Resp: 811545

Ion Ratio Lower Upper

94 100

65 34.7 7.9 47.9

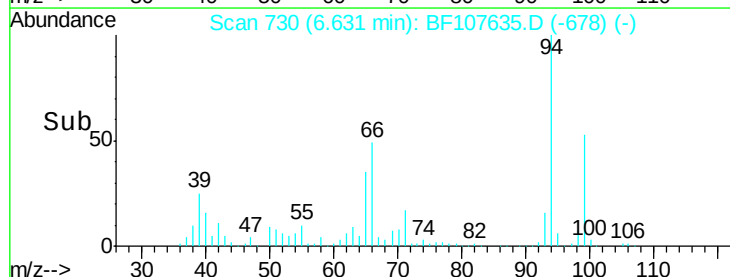
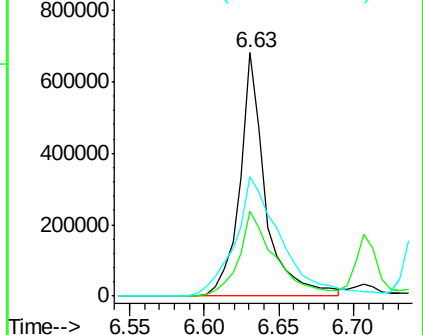
66 49.2 16.2 56.2

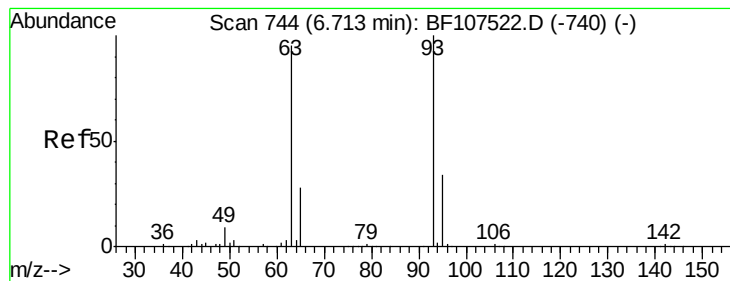


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.888 ng

RT: 6.71 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

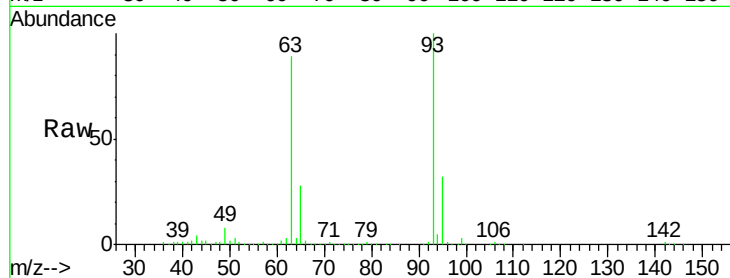
Tgt Ion: 93 Resp: 694330

Ion Ratio Lower Upper

93 100

63 89.2 58.6 98.6

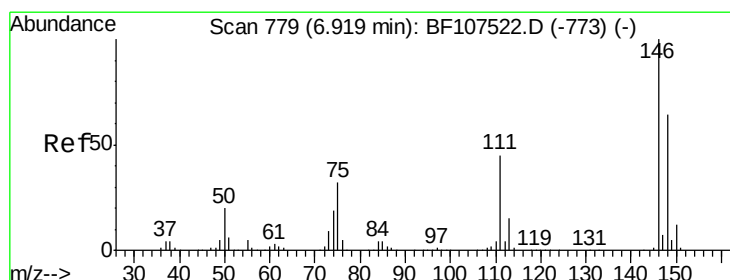
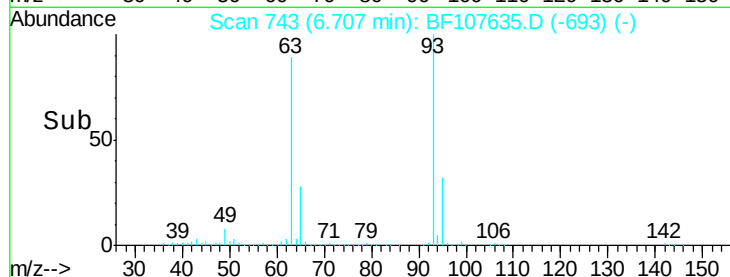
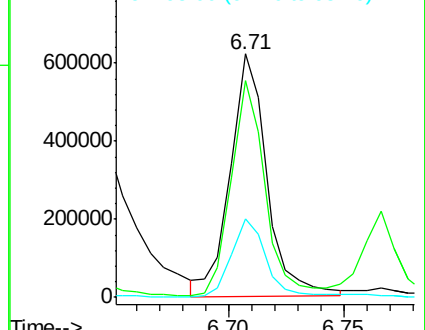
95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.615 ng

RT: 6.91 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

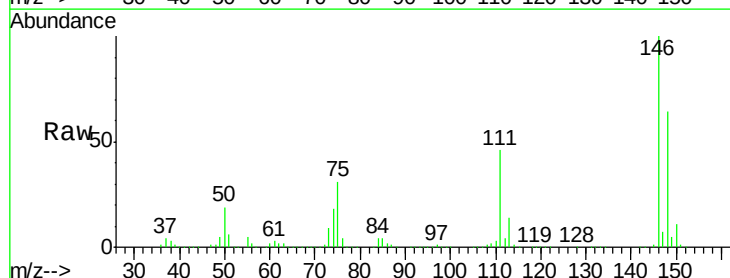
Tgt Ion: 146 Resp: 755042

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

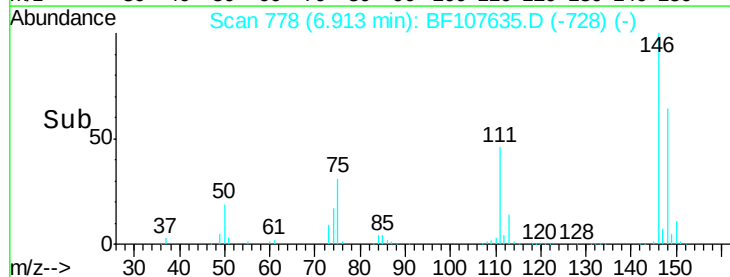
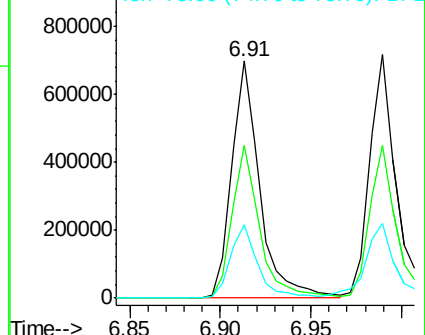
75 31.1 24.2 36.4

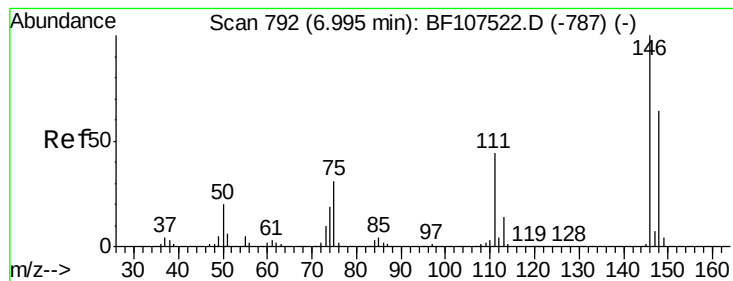


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.418 ng

RT: 6.99 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

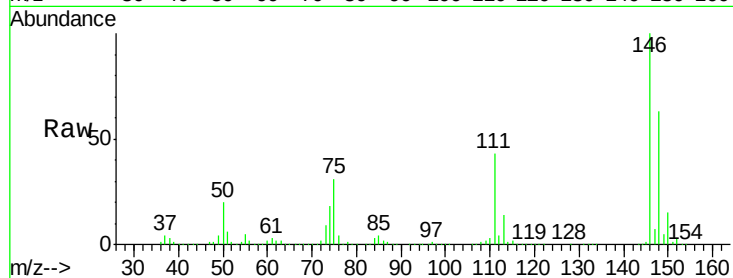
Tgt Ion:146 Resp: 790391

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

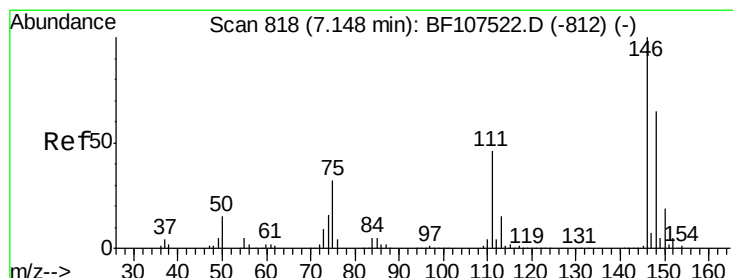
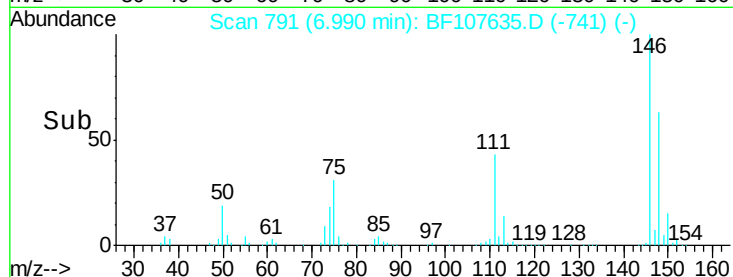
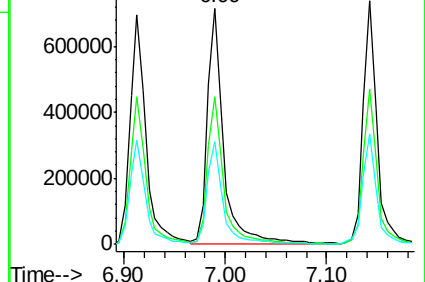
111 43.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.488 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

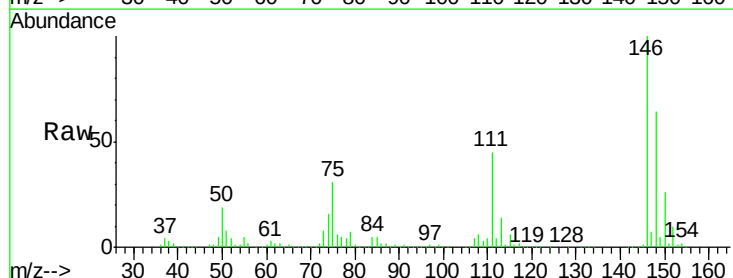
Tgt Ion:146 Resp: 692138

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

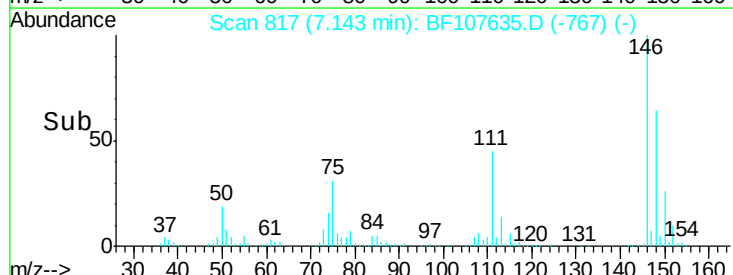
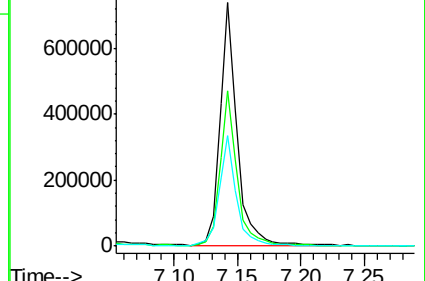
111 45.2 36.0 54.0

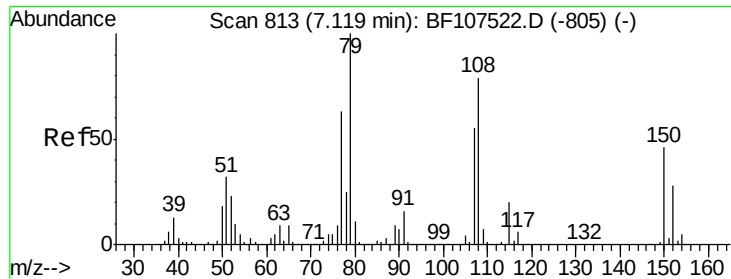


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

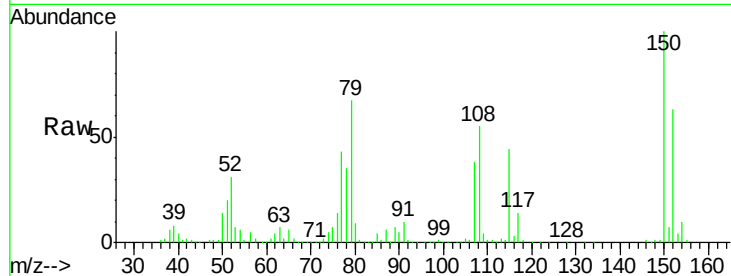




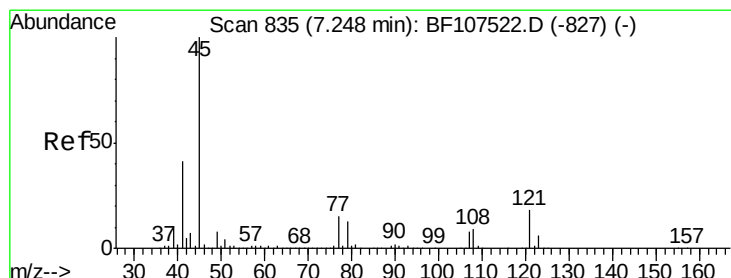
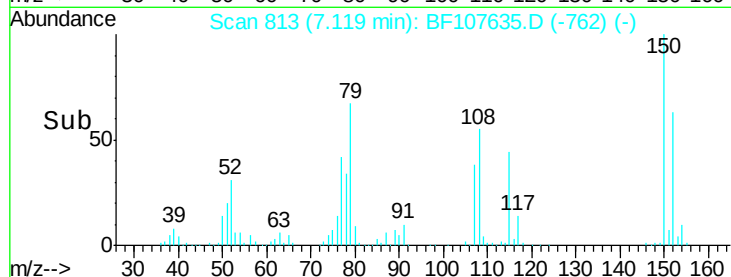
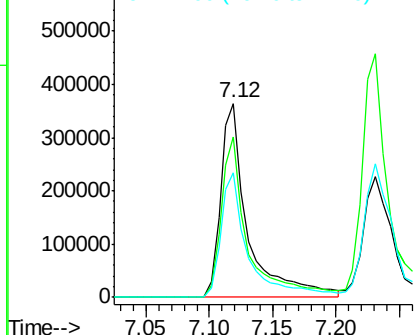
#15
Benzyl Alcohol
Concen: 40.369 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tgt Ion: 79 Resp: 545919
Ion Ratio Lower Upper
79 100
108 82.4 65.1 97.7
77 63.8 50.6 75.8

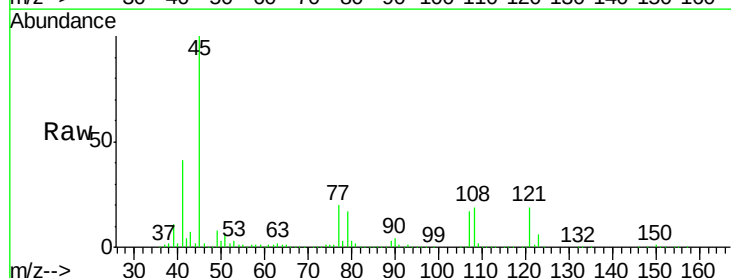


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

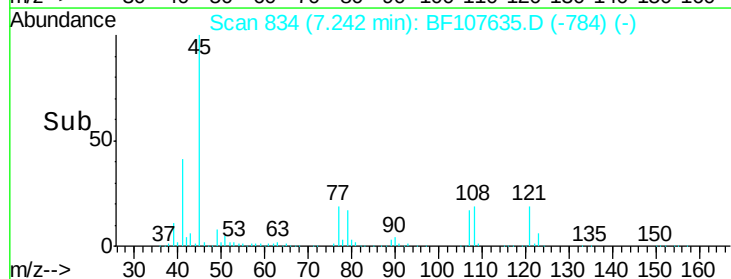
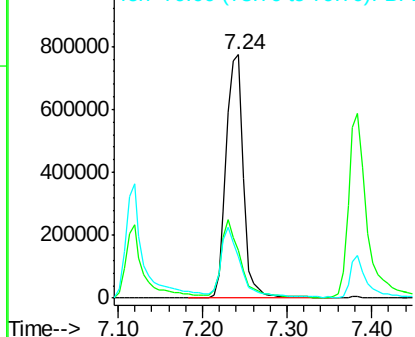


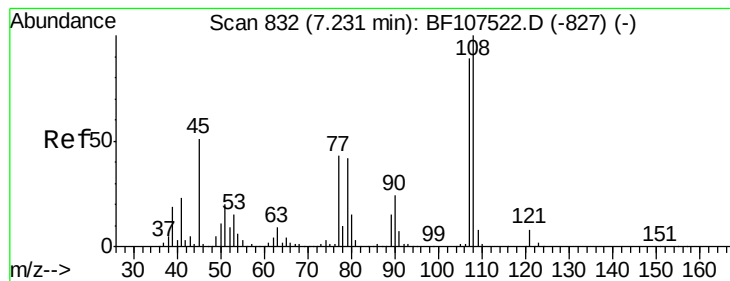
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.548 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion: 45 Resp: 1094956
Ion Ratio Lower Upper
45 100
77 19.5 0.0 32.9
79 17.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.643 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tgt Ion:107 Resp: 581476

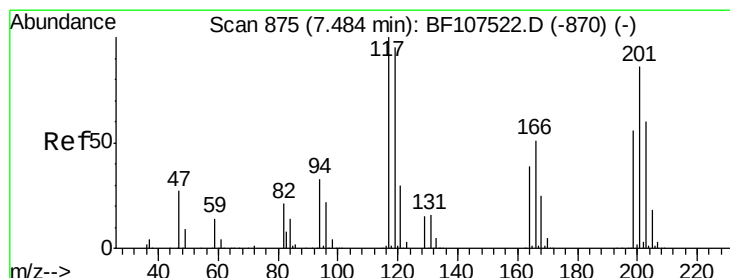
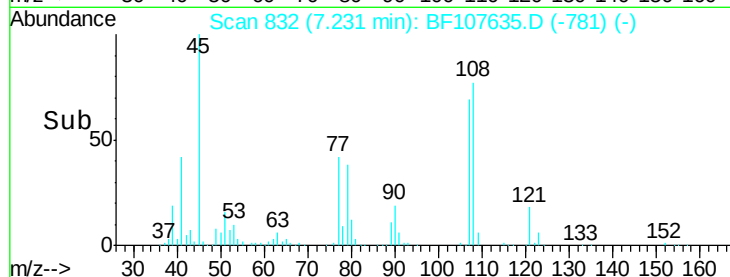
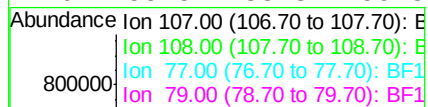
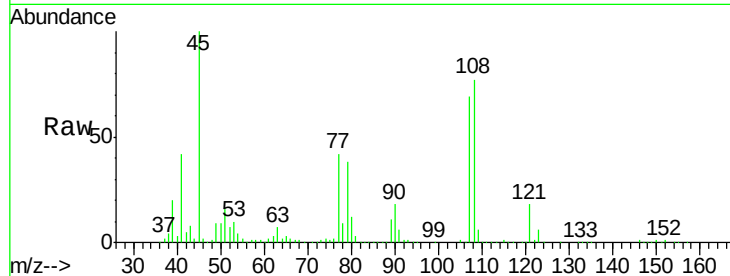
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 61.8 33.8 50.8#

79 55.5 33.8 50.8#



#18

Hexachloroethane

Concen: 28.734 ng

RT: 7.48 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

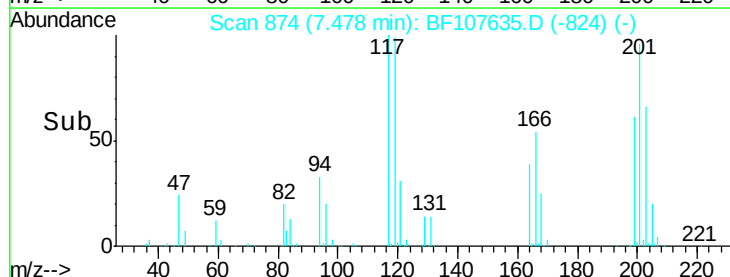
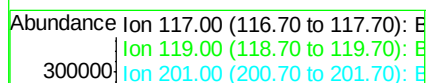
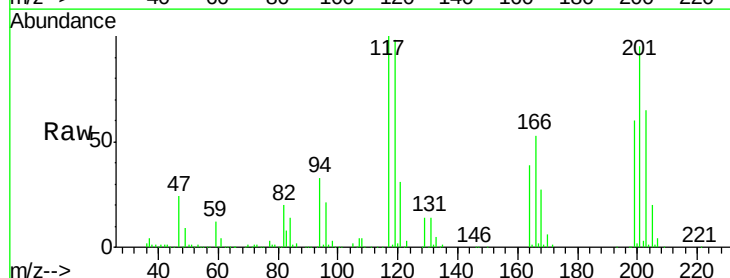
Tgt Ion:117 Resp: 207346

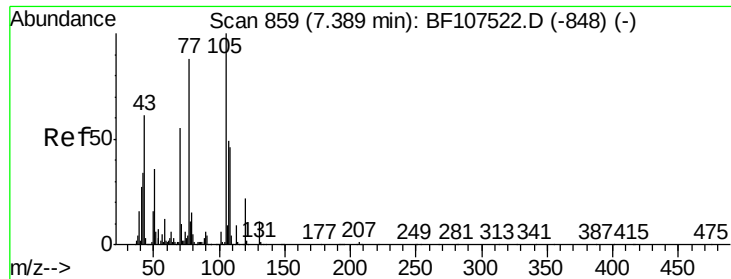
Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

201 95.0 75.7 113.5

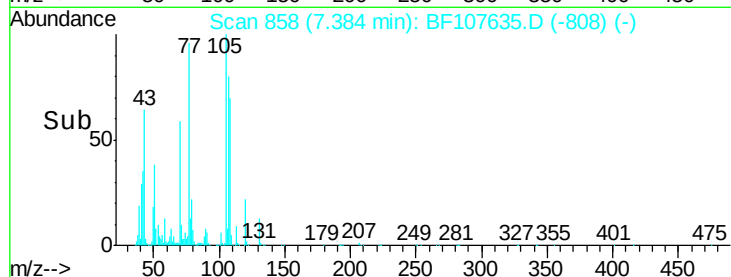
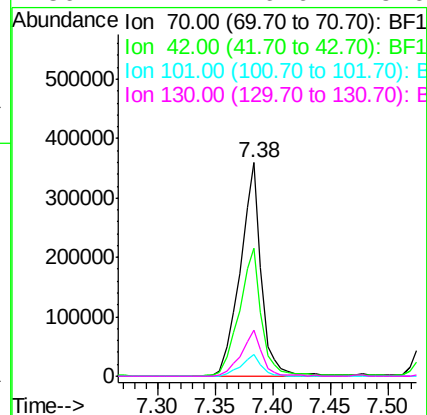
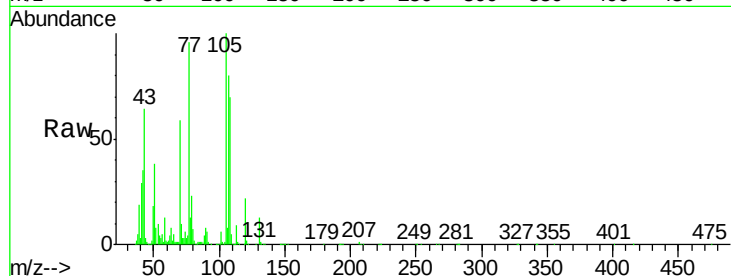




#19
n-Nitroso-di-n-propylamine
Concen: 35.792 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

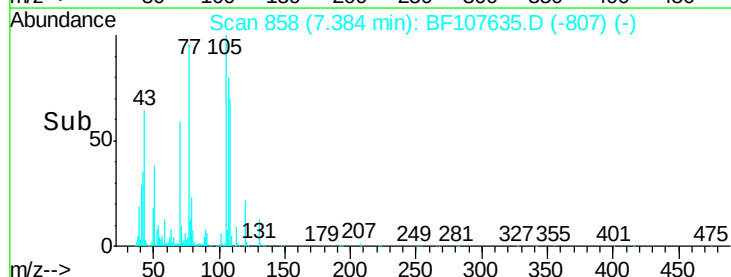
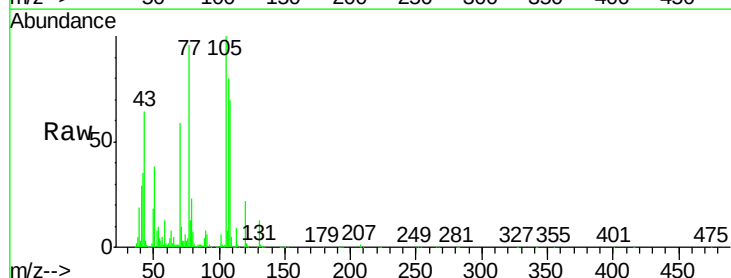
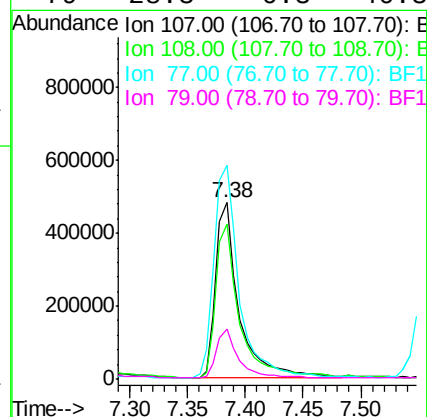
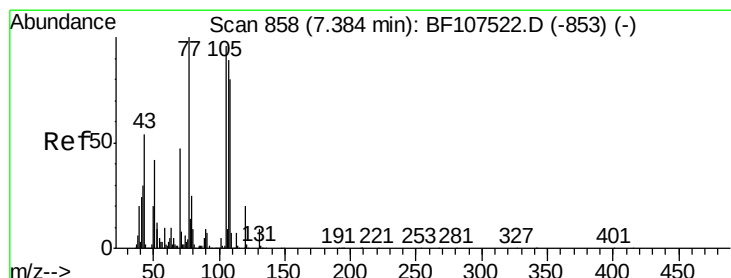
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

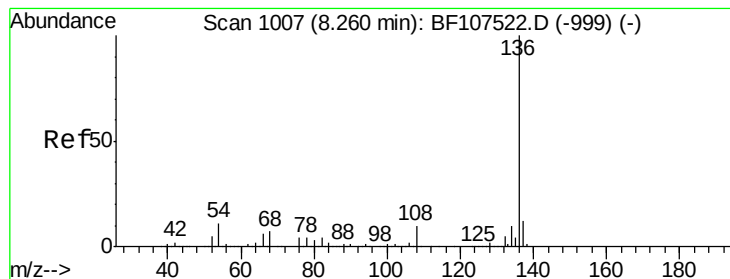
Tgt Ion:	70	Resp:	458798
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	10.1	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.744 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:	107	Resp:	674416
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	121.1	26.7	66.7#
79	28.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tgt Ion:136 Resp: 973468

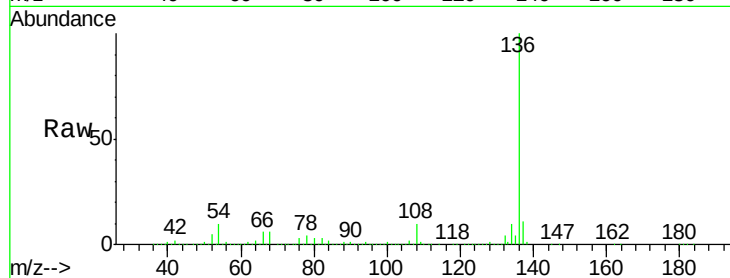
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 5.8 5.0 7.4

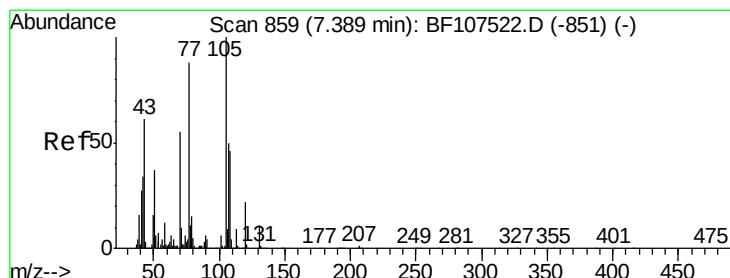
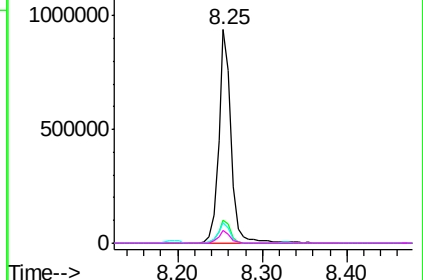
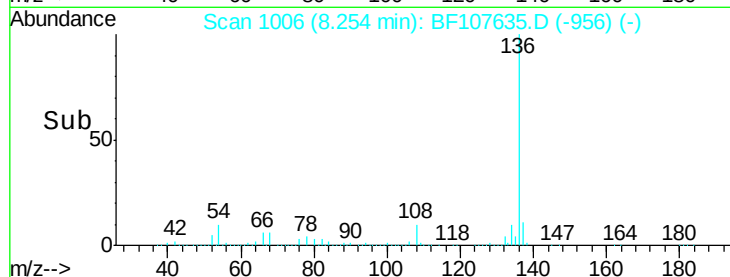


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.796 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Tgt Ion:105 Resp: 955539

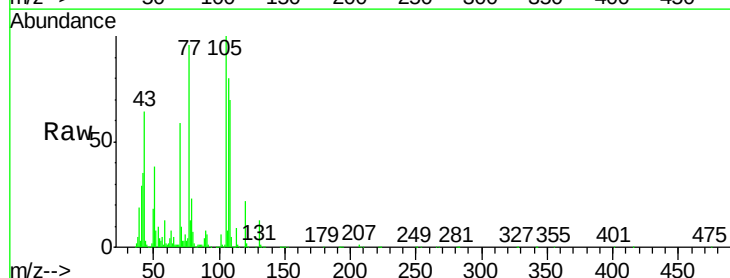
Ion Ratio Lower Upper

105 100

71 10.5 4.4 6.6#

51 38.4 22.3 33.5#

120 21.8 16.9 25.3

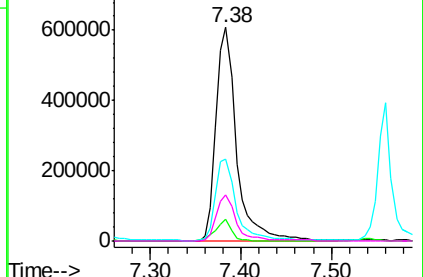
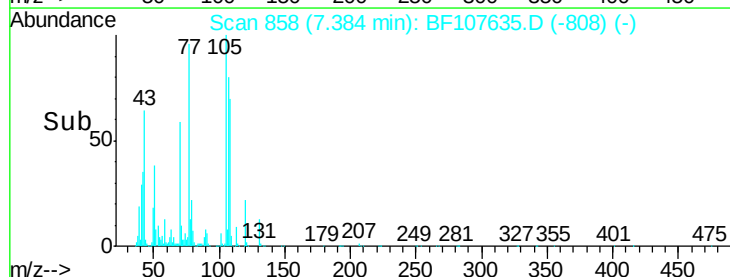


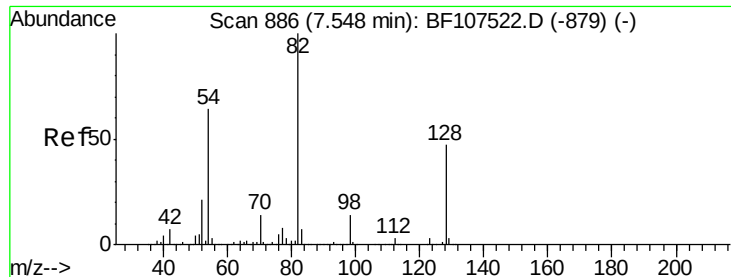
Abundance Ion 105.00 (104.70 to 105.70): E

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

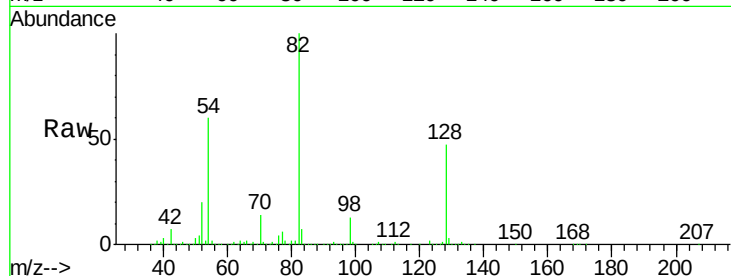




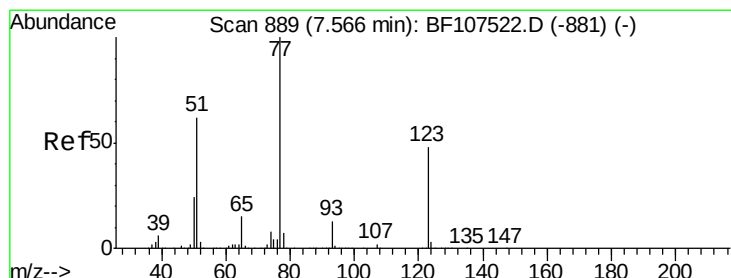
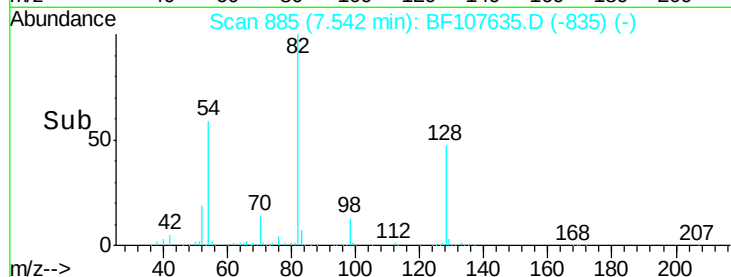
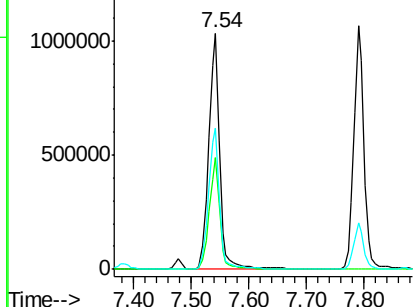
#23
 Nitrobenzene-d5
 Concen: 96.834 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion: 82 Resp: 1396768
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 59.8 41.4 62.2

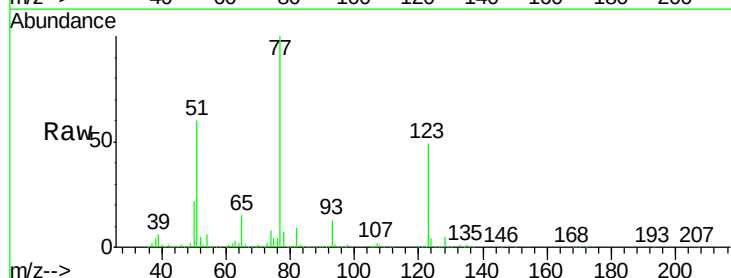


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

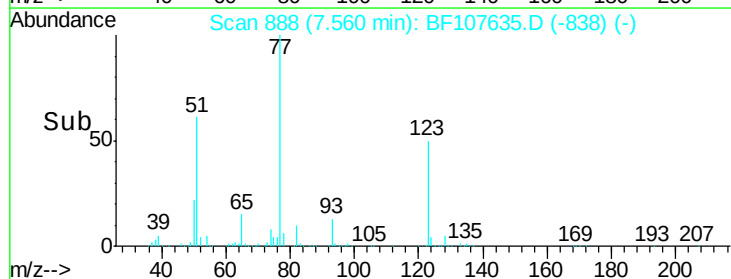
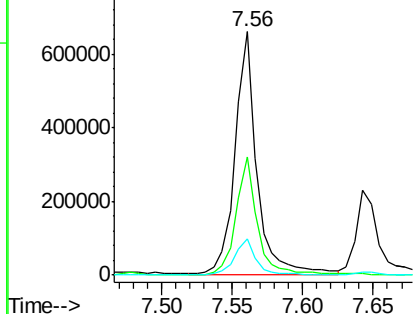


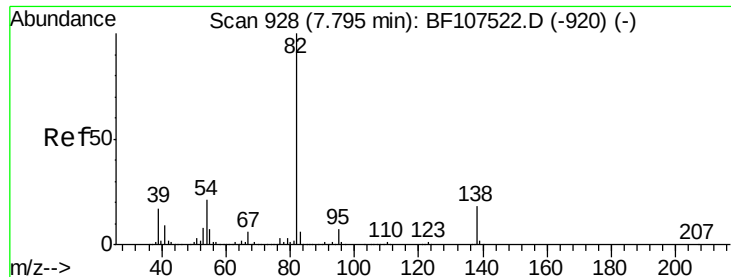
#24
 Nitrobenzene
 Concen: 42.772 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion: 77 Resp: 706654
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.9 56.9
 65 15.1 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: 41.993 ng

RT: 7.79 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

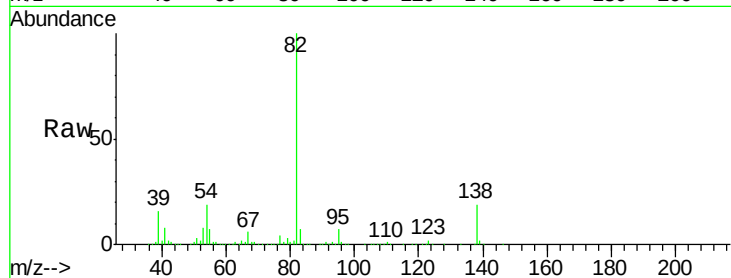
Tgt Ion: 82 Resp: 1293307

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

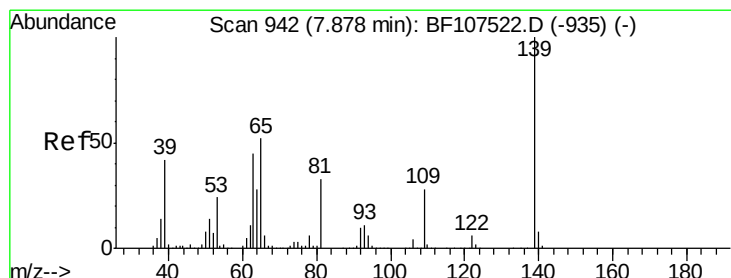
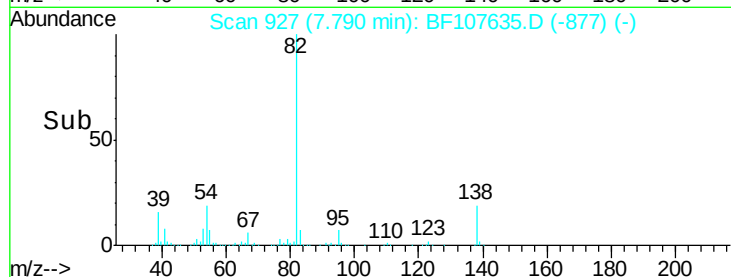
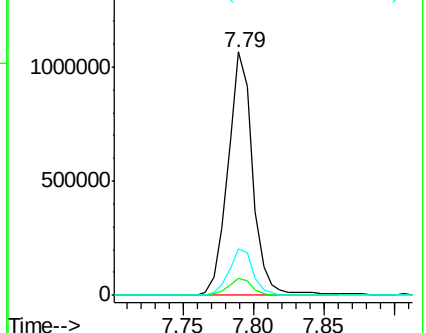
138 19.0 14.9 22.3



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: 49.200 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

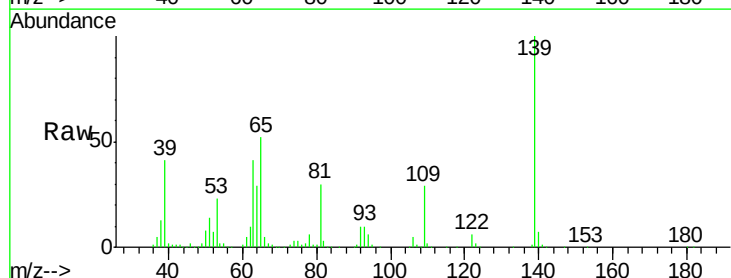
Tgt Ion: 139 Resp: 343256

Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

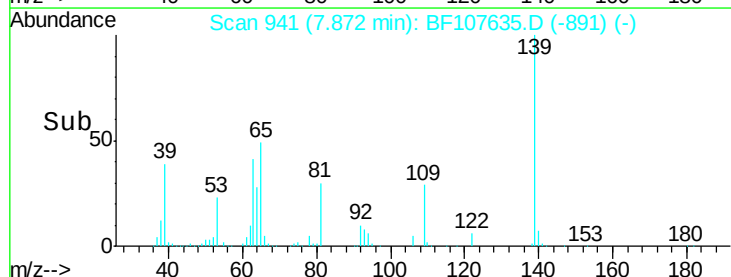
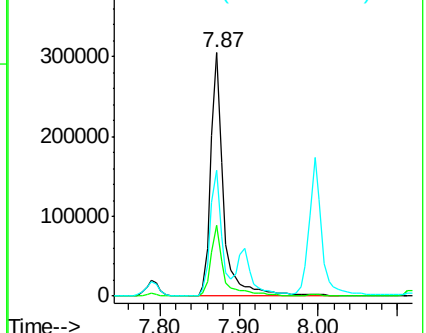
65 51.7 40.5 60.7

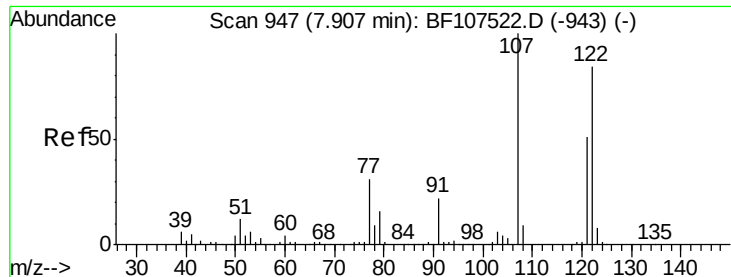


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

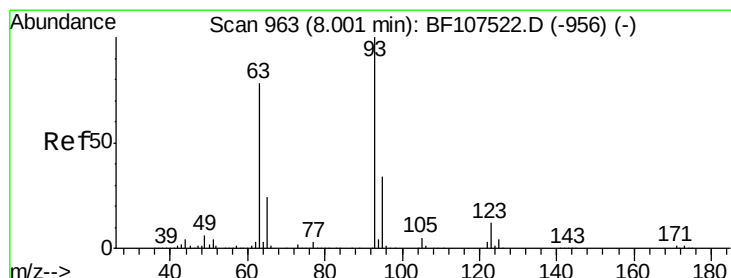
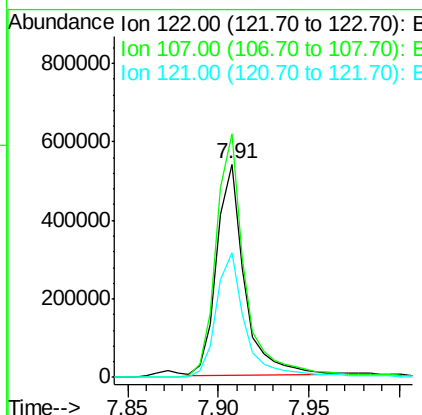
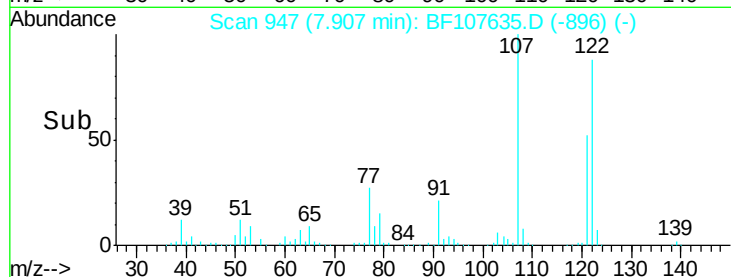
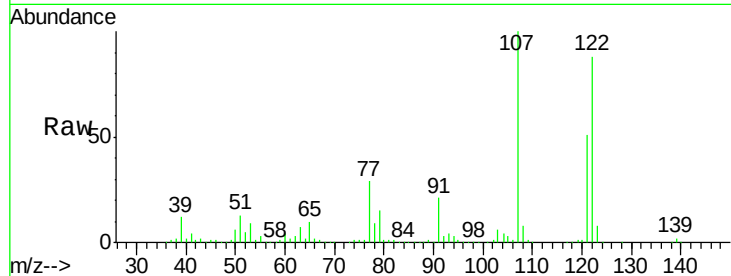




#27
 2,4-Dimethylphenol
 Concen: 43.573 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

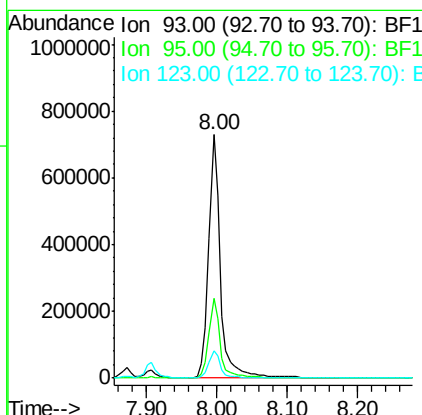
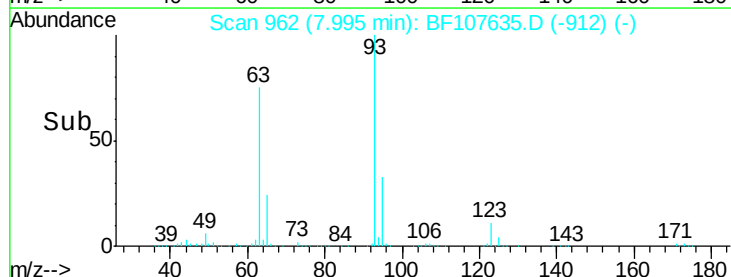
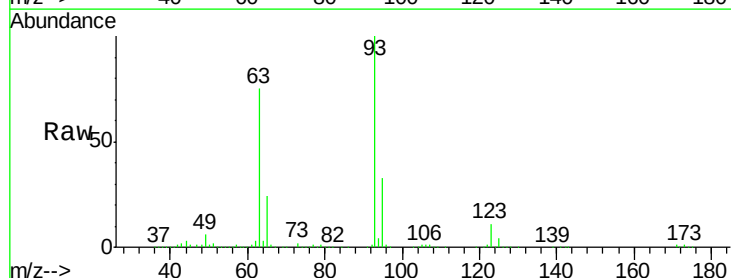
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

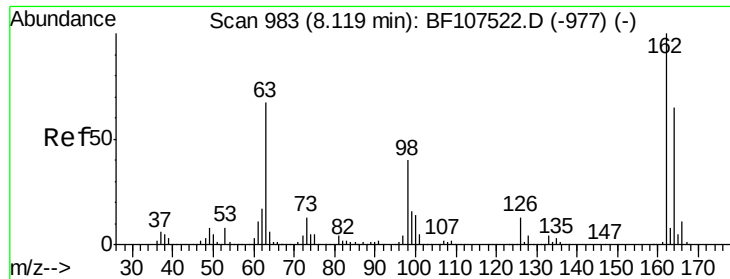
Tgt Ion:122 Resp: 575430
 Ion Ratio Lower Upper
 122 100
 107 114.2 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.691 ng
 RT: 8.00 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion: 93 Resp: 837523
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.1 9.8 14.6

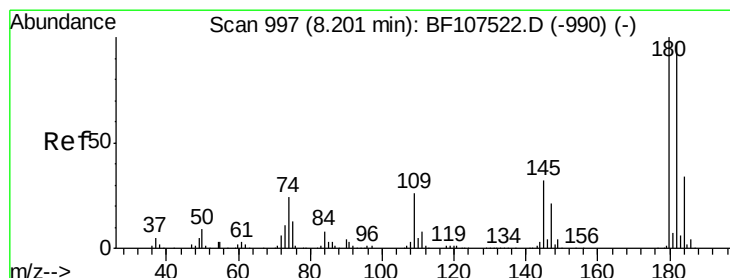
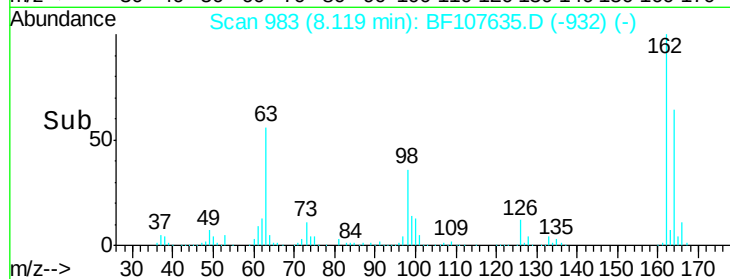
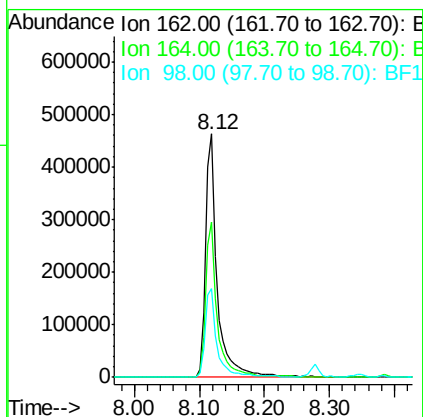
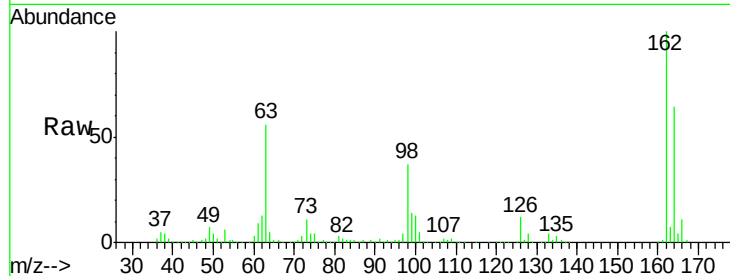




#29
2,4-Dichlorophenol
Concen: 43.195 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

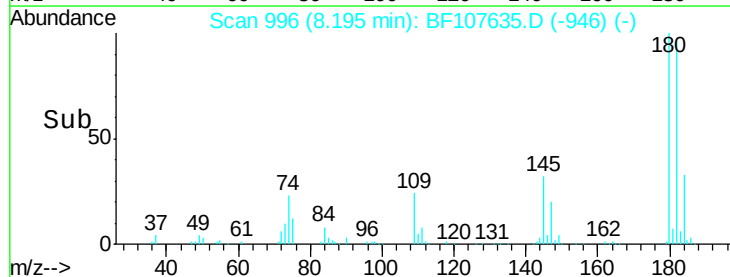
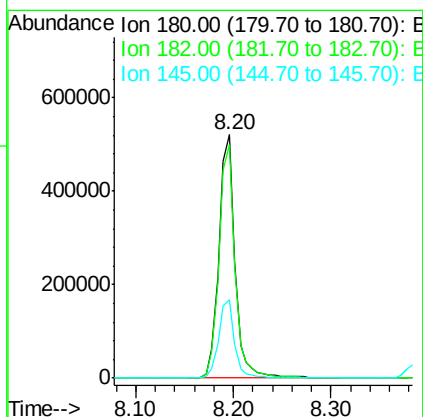
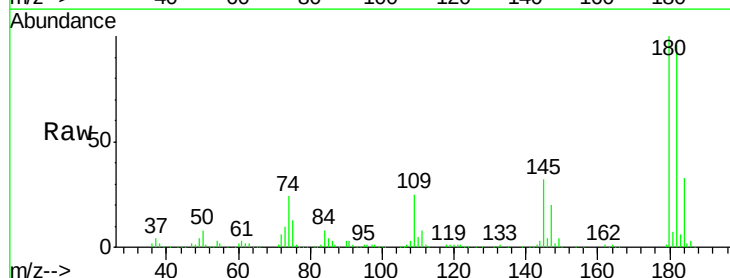
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

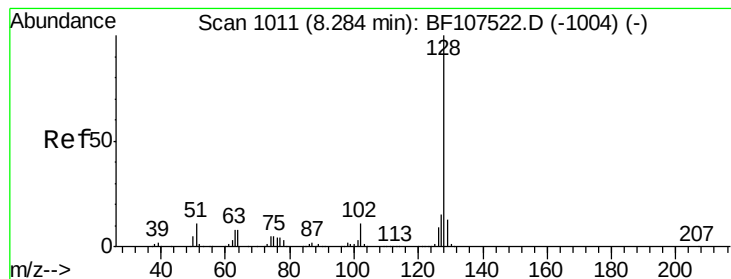
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	36.5	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.728 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 44.562 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

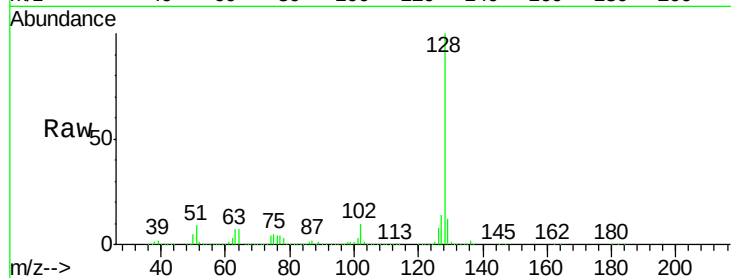
Tgt Ion:128 Resp: 1907593

Ion Ratio Lower Upper

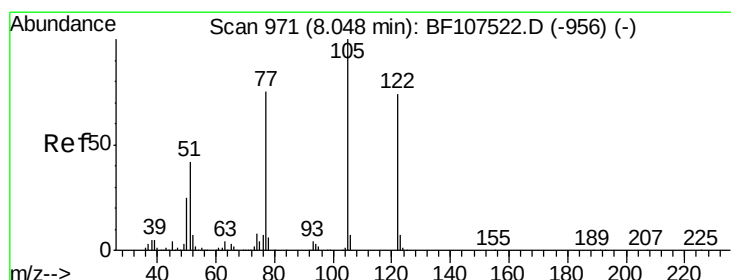
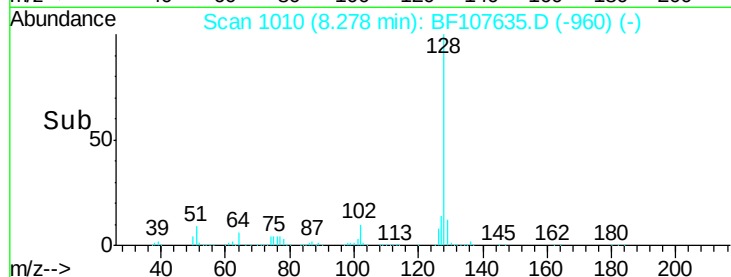
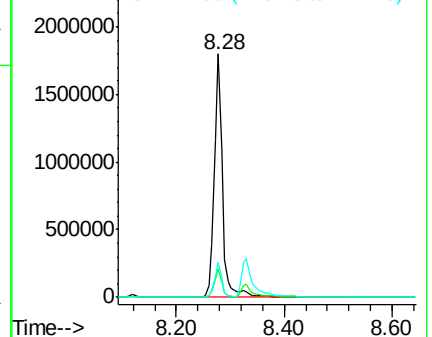
128 100

129 11.8 8.8 13.2

127 14.3 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: 60.041 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.14 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

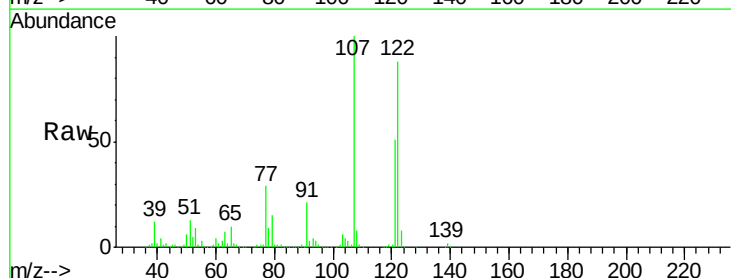
Tgt Ion:122 Resp: 575430

Ion Ratio Lower Upper

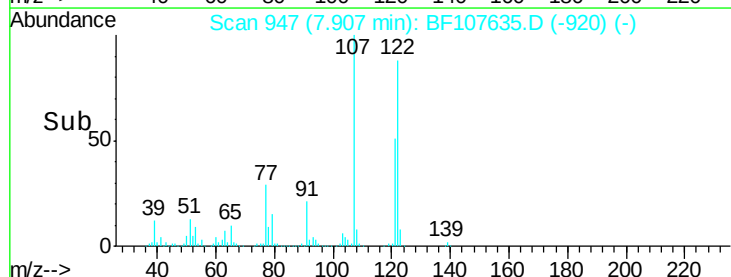
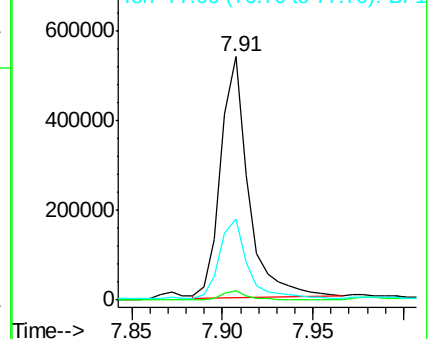
122 100

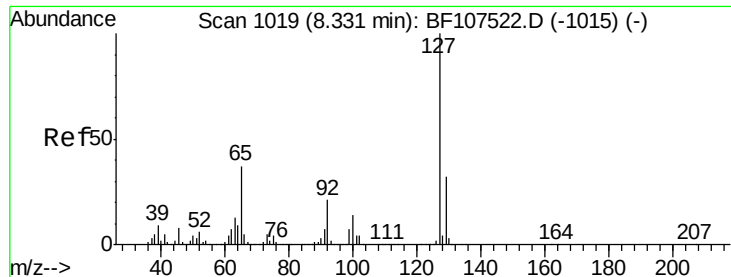
105 3.9 101.1 141.1#

77 33.3 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

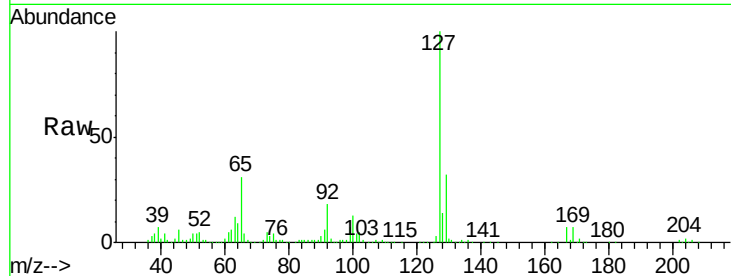




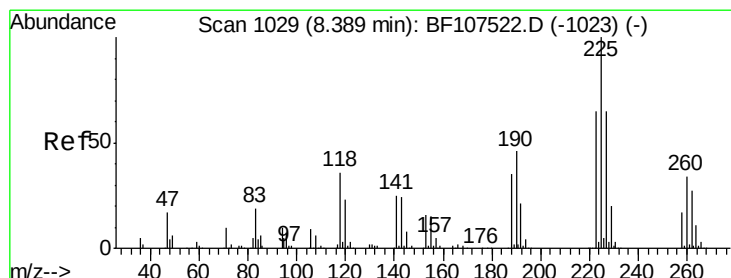
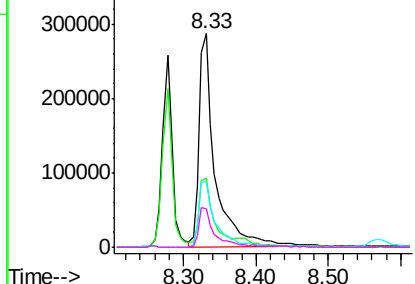
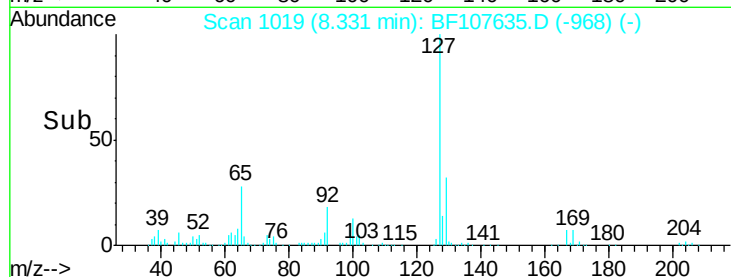
#33
 4-Chloroaniline
 Concen: 23.586 ng
 RT: 8.33 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion:	127	Resp:	441303
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.5	25.0	37.4
92	17.8	15.2	22.8

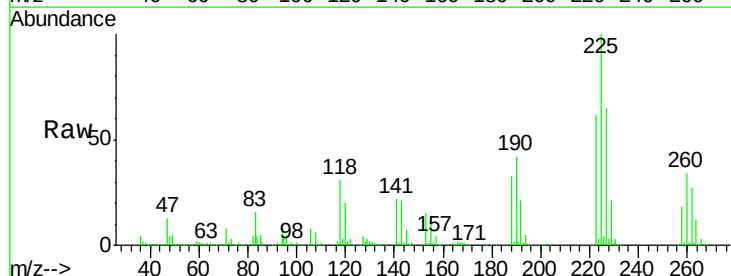


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

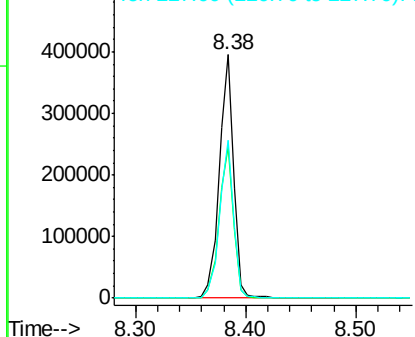
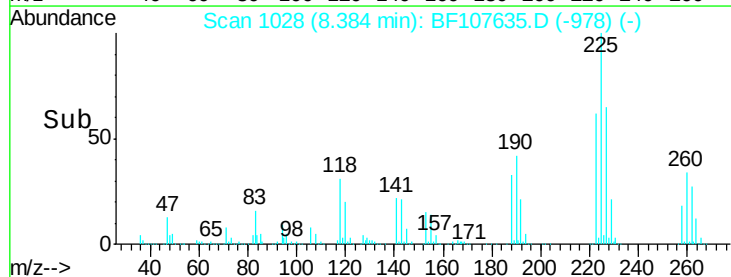


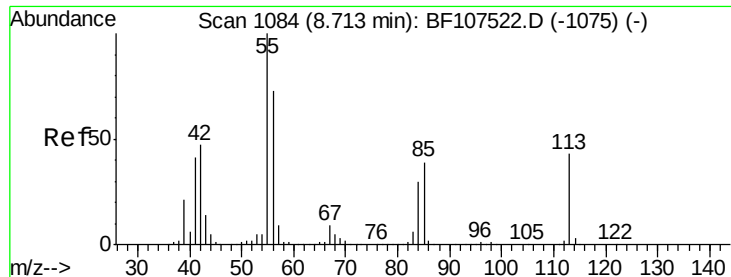
#34
 Hexachlorobutadiene
 Concen: 39.556 ng
 RT: 8.38 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:	225	Resp:	356340
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	64.8	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: 36.251 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

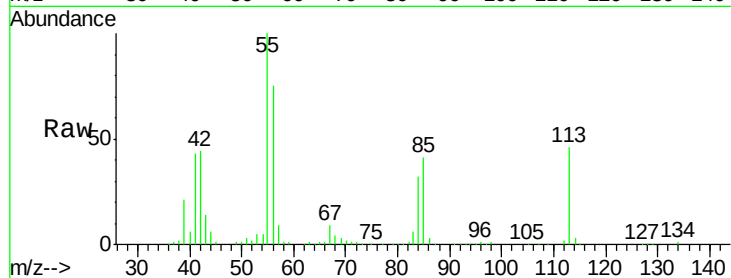
Tgt Ion:113 Resp: 159158

Ion Ratio Lower Upper

113 100

55 216.7 163.3 203.3#

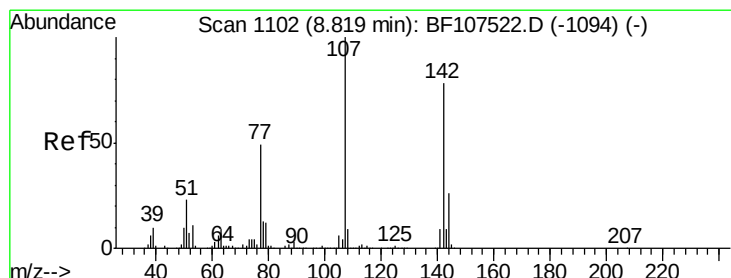
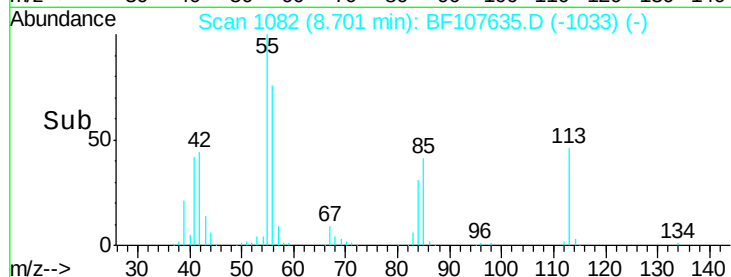
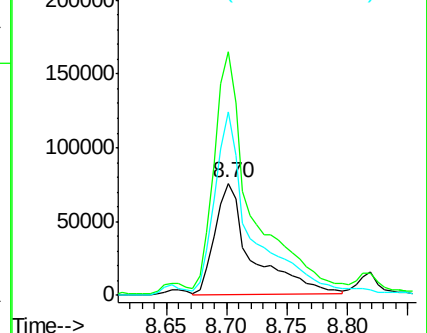
56 163.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.355 ng

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

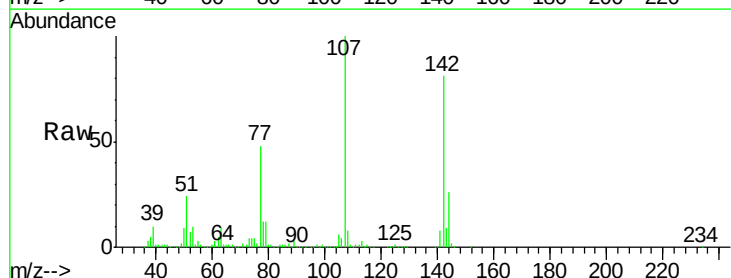
Tgt Ion:107 Resp: 605093

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

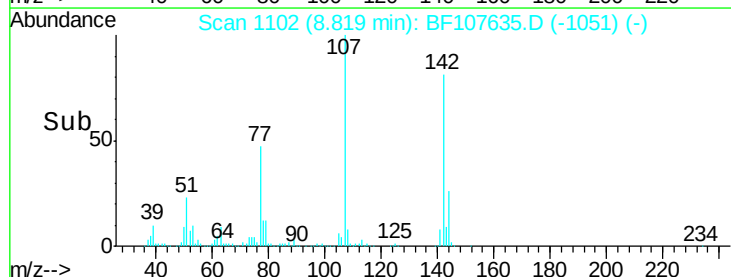
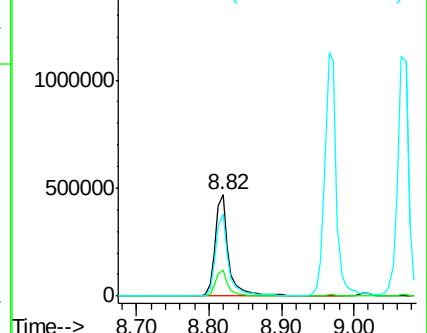
142 81.4 62.0 93.0

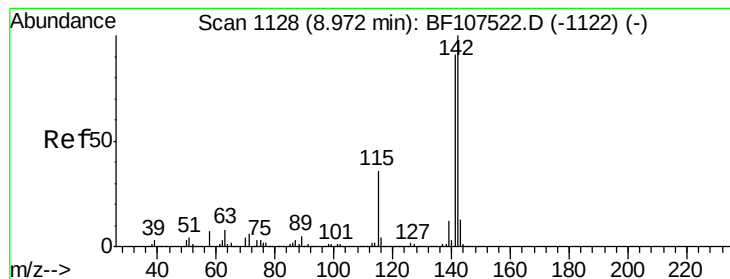


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.264 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

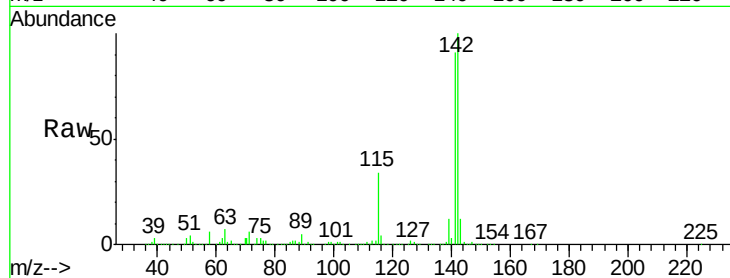
Tgt Ion:142 Resp: 1253718

Ion Ratio Lower Upper

142 100

141 90.9 70.8 106.2

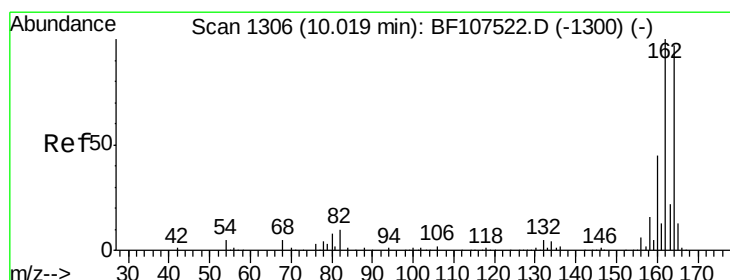
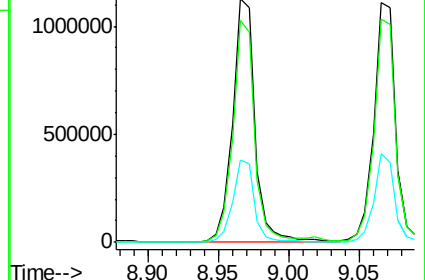
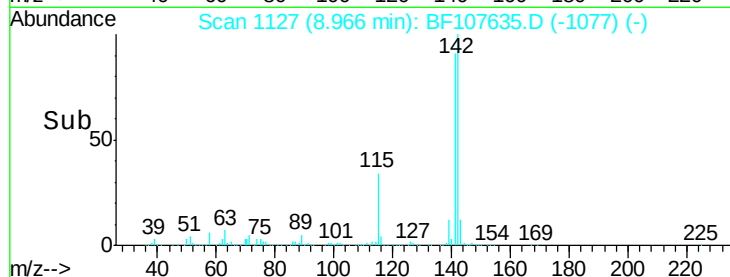
115 34.0 26.1 39.1



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: BF107635.D

Acq: 24 Jul 2018 22:34

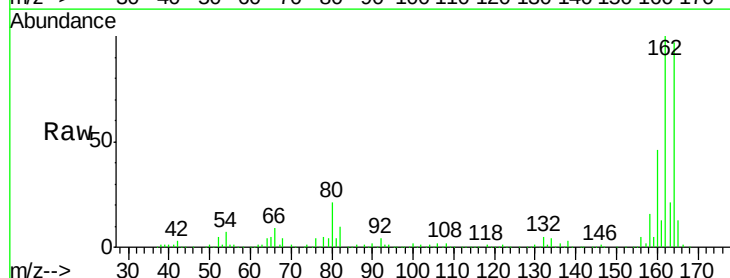
Tgt Ion:164 Resp: 389999

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

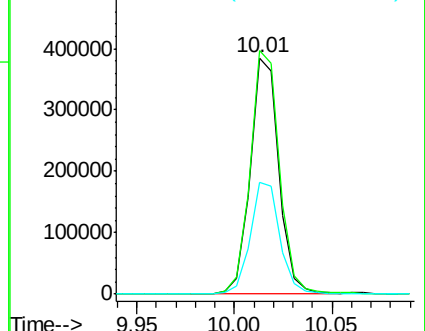
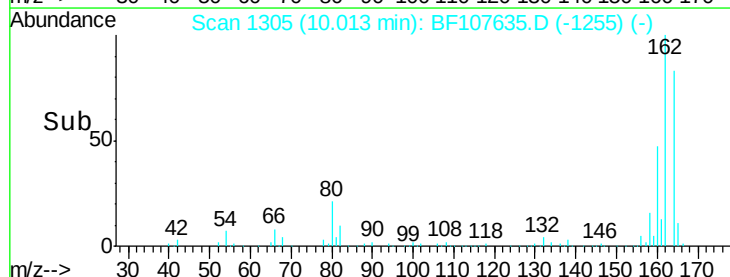
160 47.4 38.3 57.5

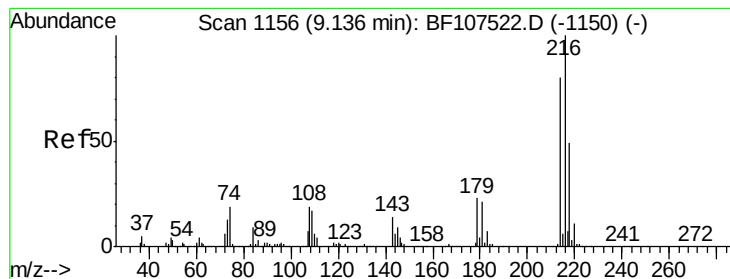


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.766 ng

RT: 9.13 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

Tgt Ion:216 Resp: 582319

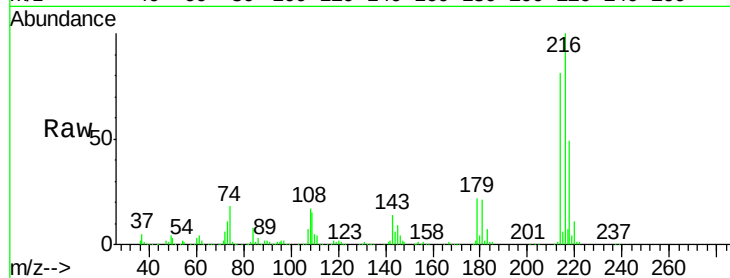
Ion Ratio Lower Upper

216 100

214 80.6 63.0 94.4

179 21.6 18.1 27.1

108 17.3 17.2 25.8

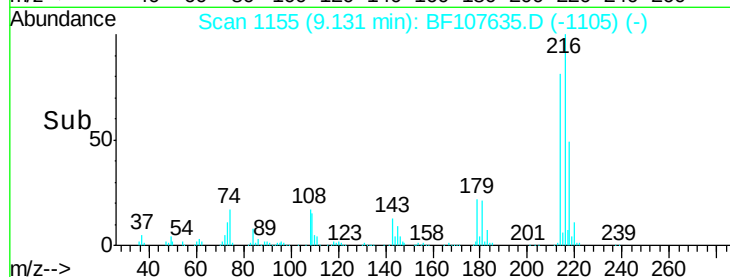


Abundance Ion 216.00 (215.70 to 216.70): E

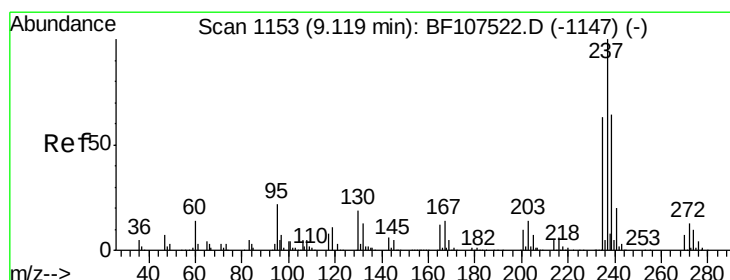
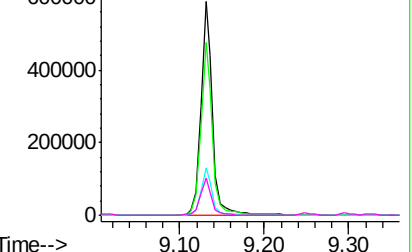
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 9.708 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

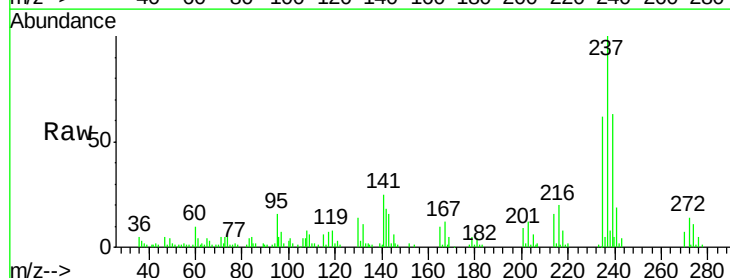
Tgt Ion:237 Resp: 64194

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

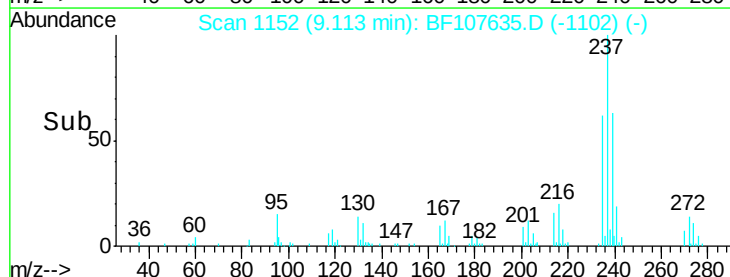
272 14.2 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

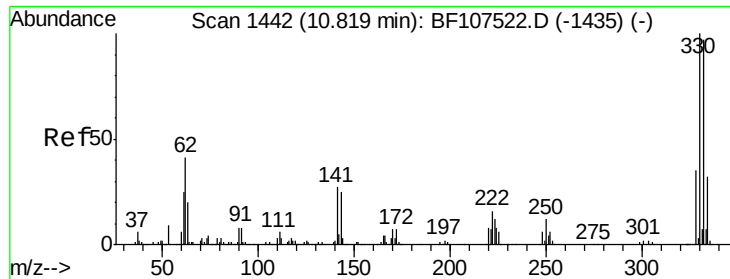
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

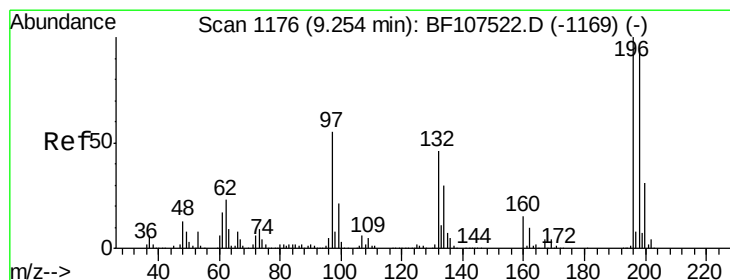
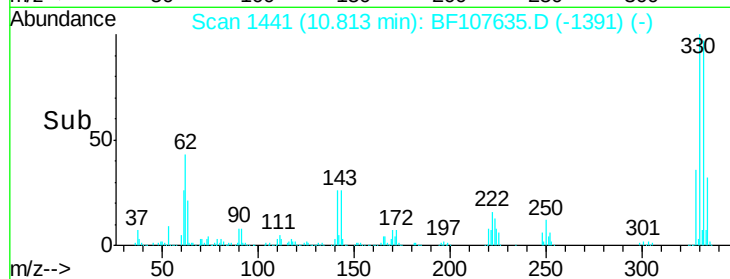
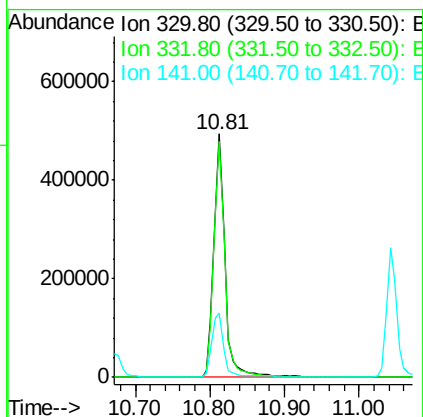
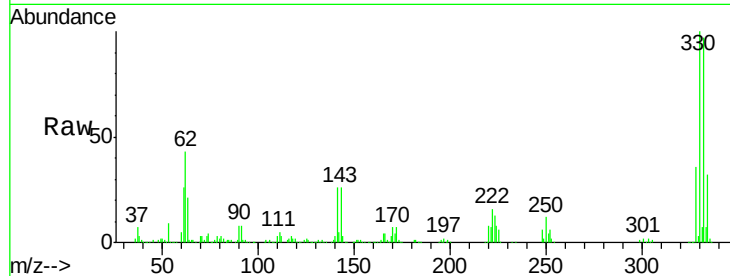




#41
 2,4,6-Tribromophenol
 Concen: 116.895 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

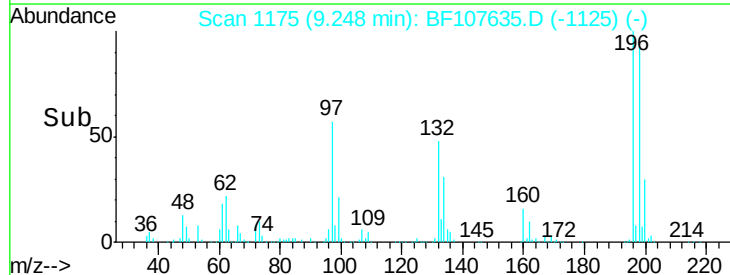
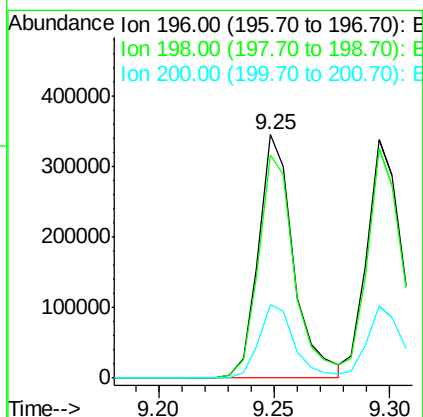
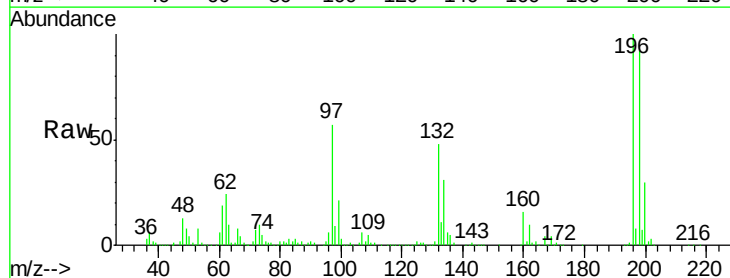
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

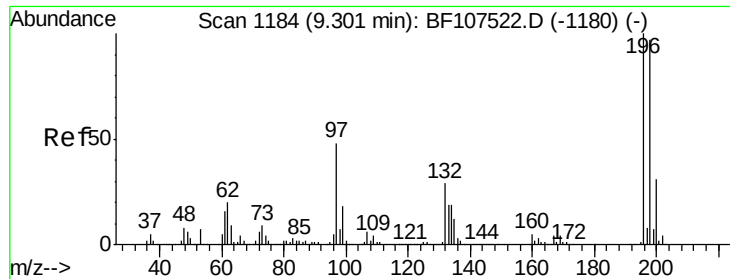
Tgt Ion:330 Resp: 518416
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 27.7 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 44.050 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:196 Resp: 366771
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.7 113.5
 200 29.9 24.5 36.7

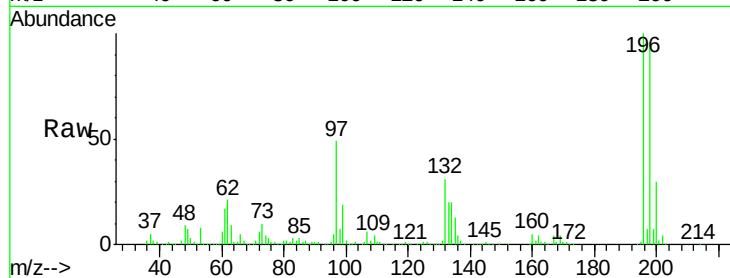




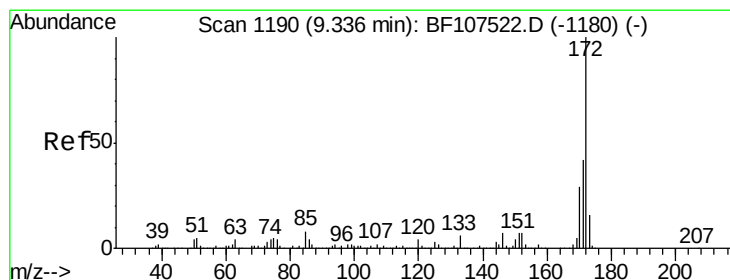
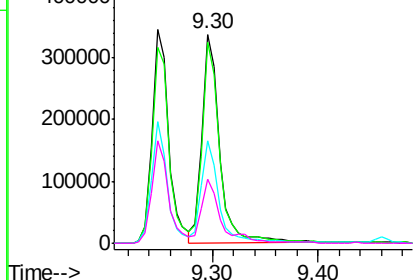
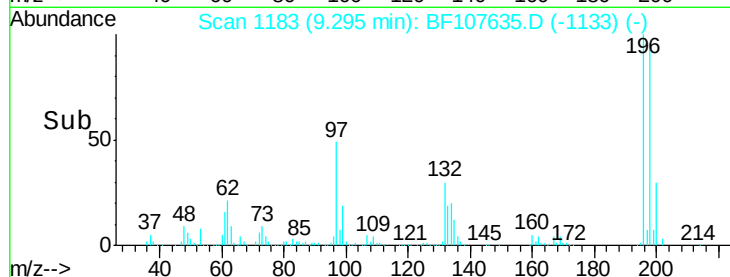
#43
 2,4,5-Trichlorophenol
 Concen: 44.755 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	49.2	42.9	64.3
132	30.5	26.3	39.5

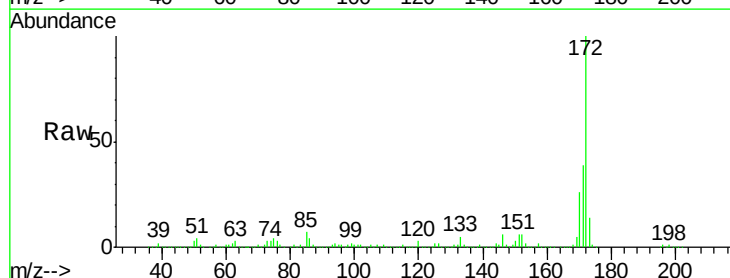


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

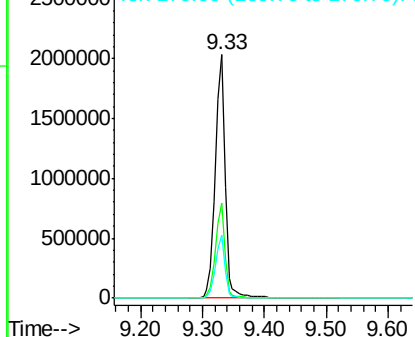
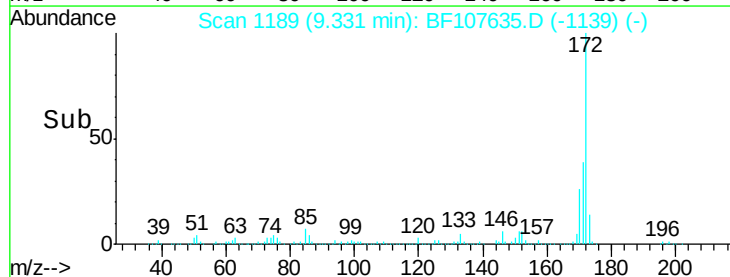


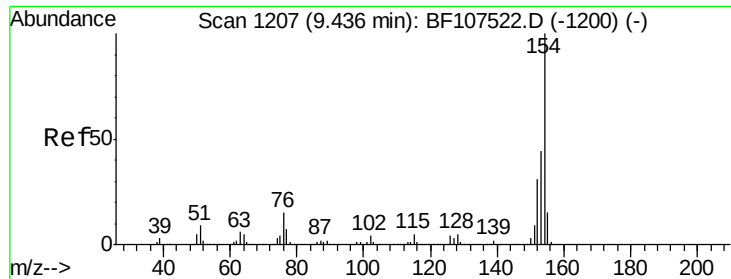
#44
 2-Fluorobiphenyl
 Concen: 102.227 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.2	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

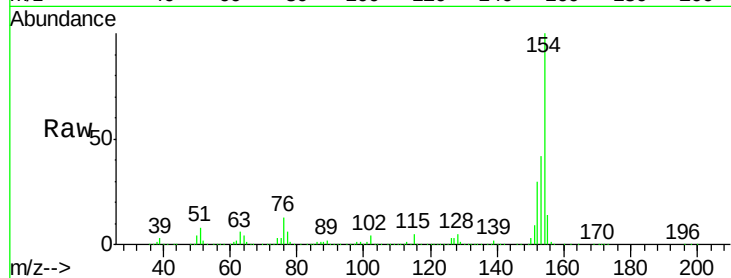




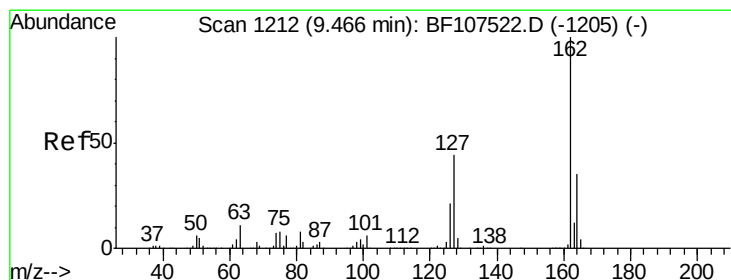
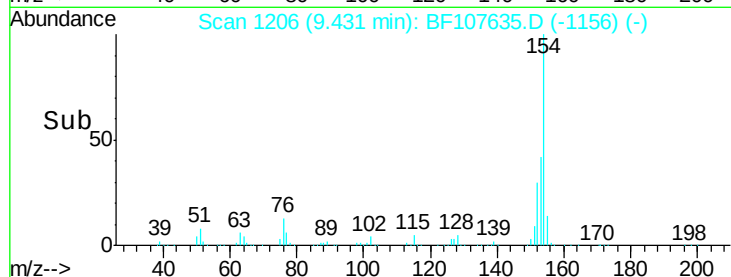
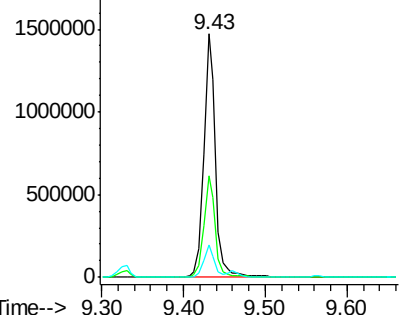
#45
 1,1'-Biphenyl
 Concen: 43.537 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion:154 Resp: 1479093
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.3 61.3
 76 13.1 0.0 34.0

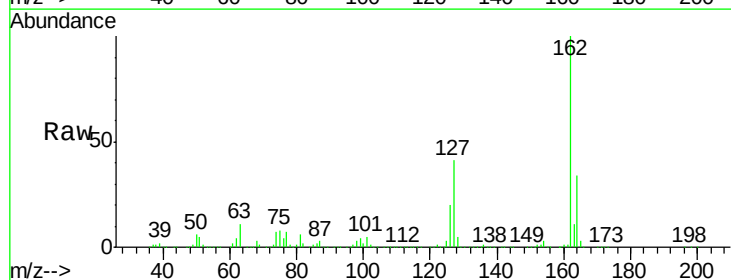


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

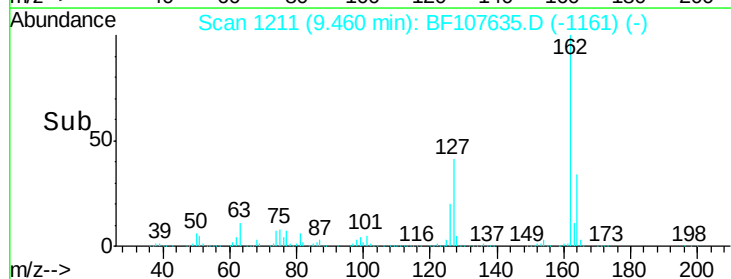
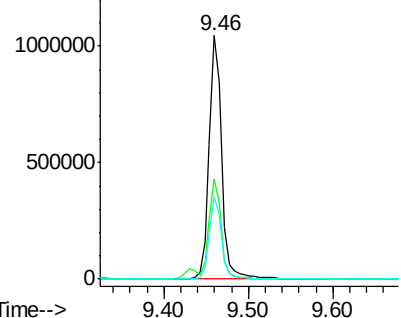


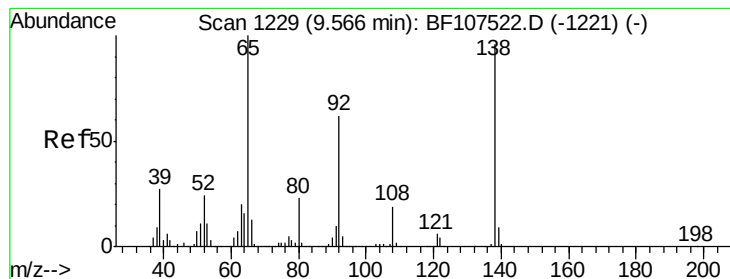
#46
 2-Chloronaphthalene
 Concen: 42.212 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:162 Resp: 1096182
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 33.6 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: 53.498 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

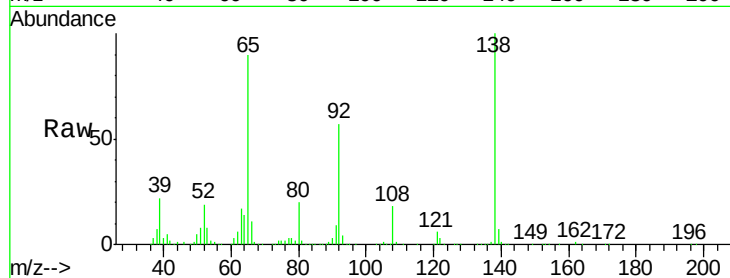
Tgt Ion: 65 Resp: 405014

Ion Ratio Lower Upper

65 100

92 63.0 55.8 83.6

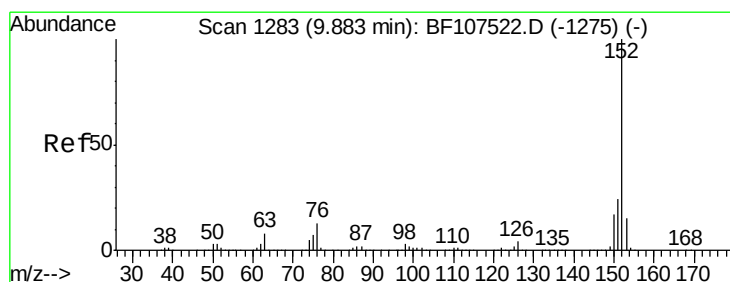
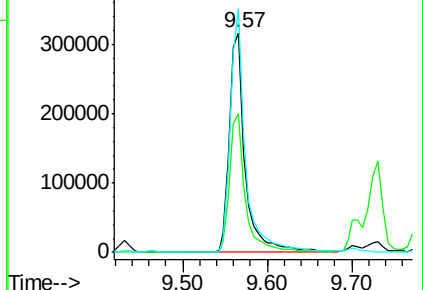
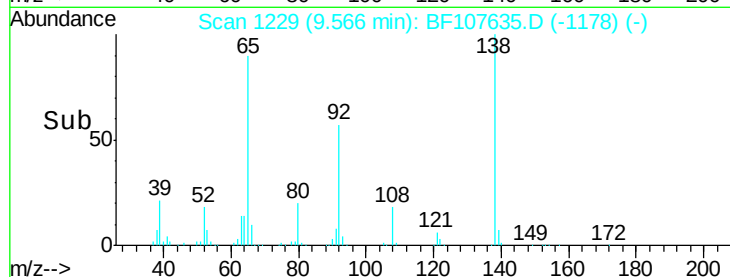
138 110.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.518 ng

RT: 9.88 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

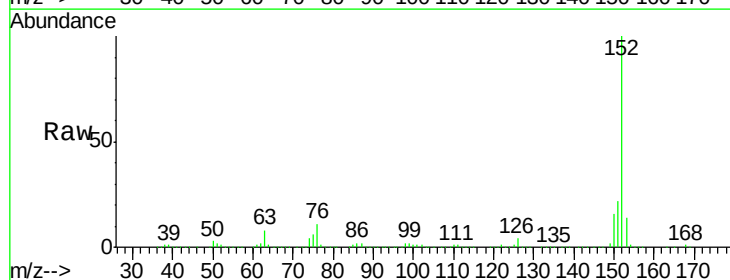
Tgt Ion: 152 Resp: 1697603

Ion Ratio Lower Upper

152 100

151 22.0 16.3 24.5

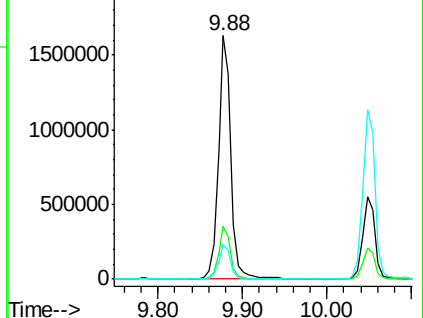
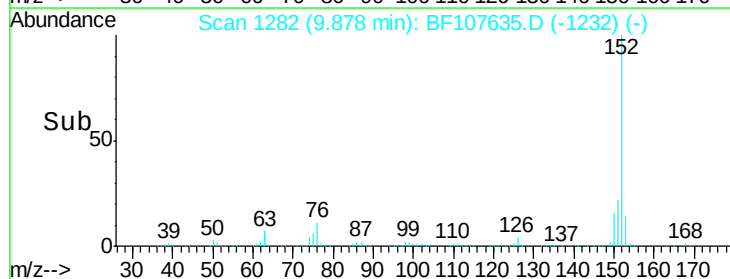
153 14.3 10.7 16.1

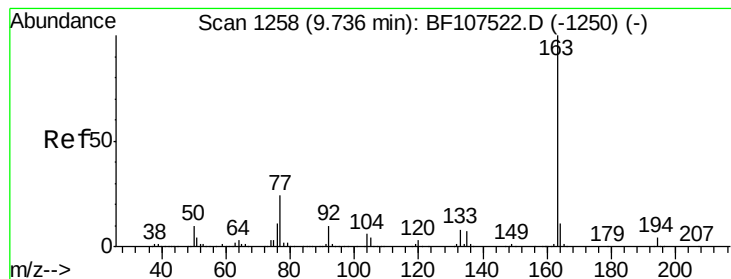


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 52.207 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

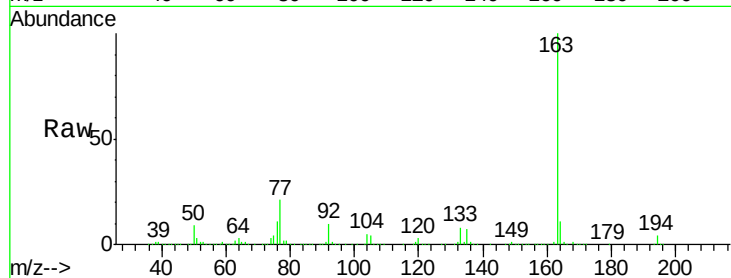
Tgt Ion:163 Resp: 1534514

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

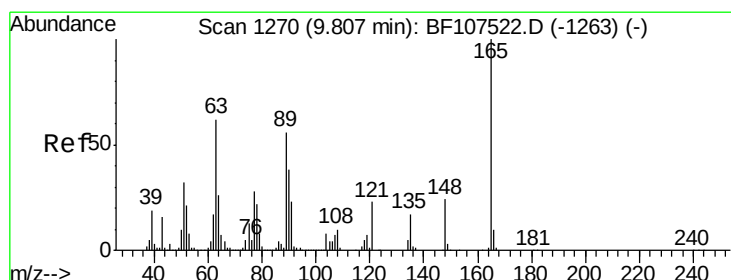
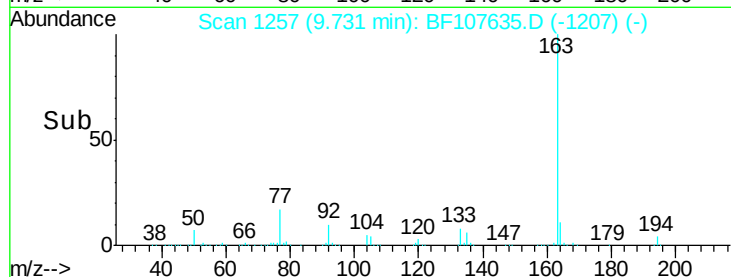
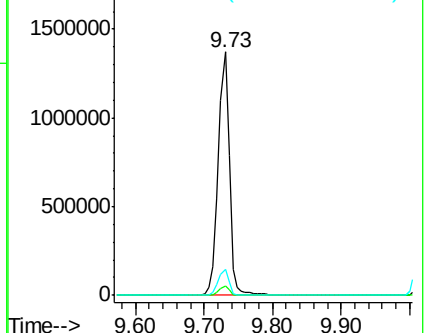
164 10.7 8.2 12.2



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: 44.507 ng

RT: 9.80 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

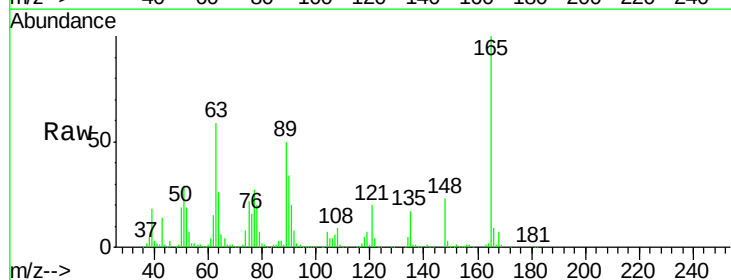
Tgt Ion:165 Resp: 259727

Ion Ratio Lower Upper

165 100

63 58.7 44.7 67.1

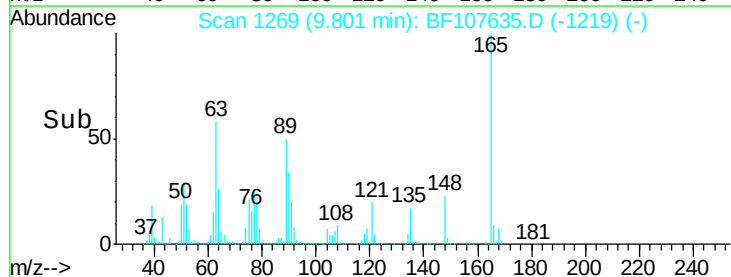
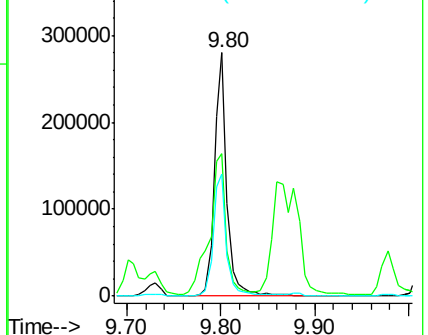
89 50.2 44.0 66.0

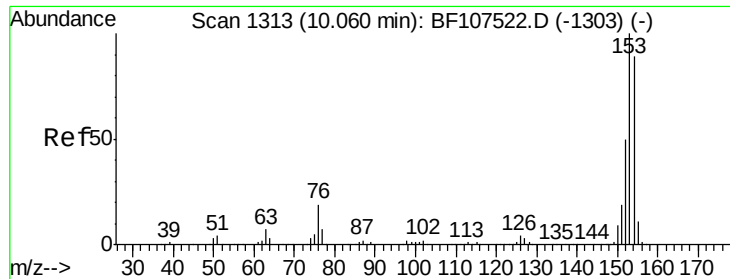


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.392 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

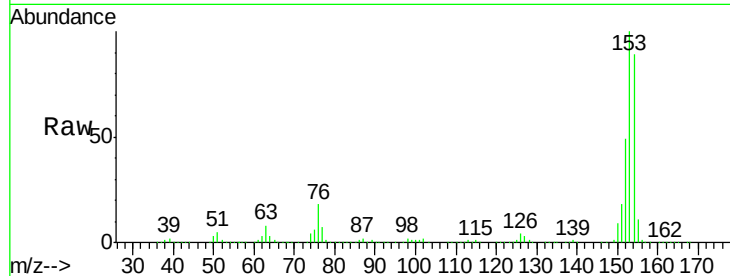
Tgt Ion:154 Resp: 1011687

Ion Ratio Lower Upper

154 100

153 112.0 91.2 136.8

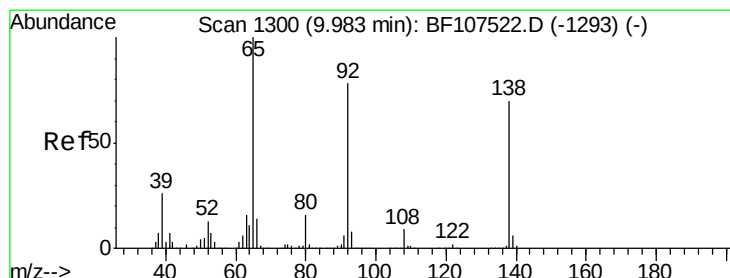
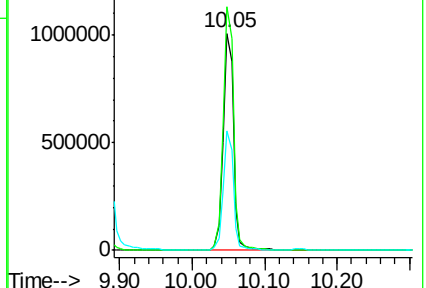
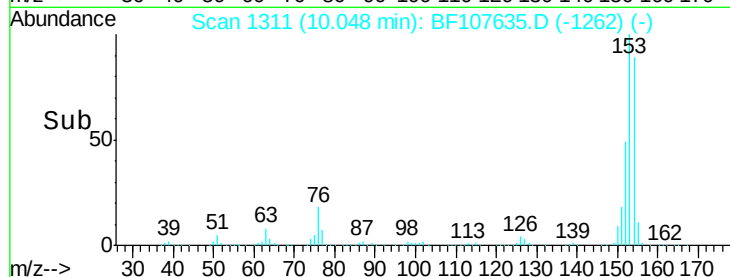
152 55.0 43.8 65.8



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: 42.987 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

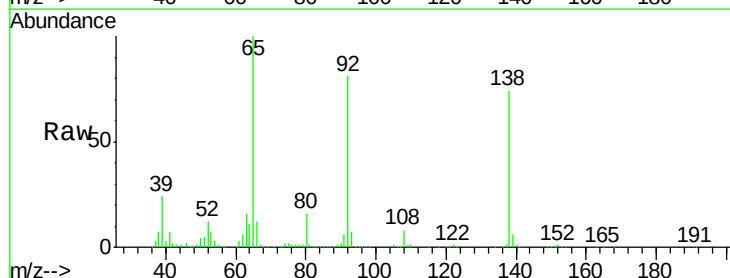
Tgt Ion:138 Resp: 305180

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

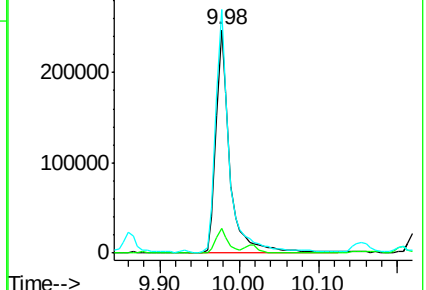
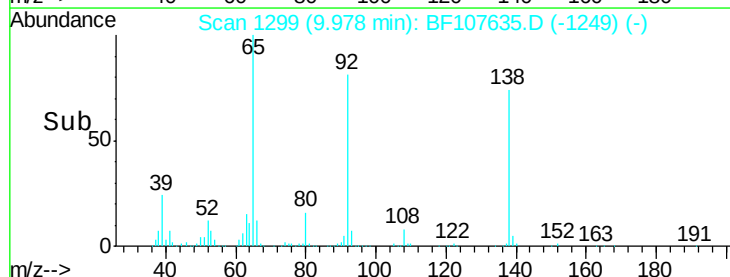
92 109.0 89.4 134.2

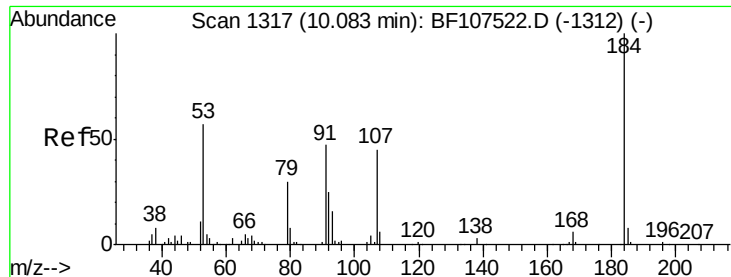


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

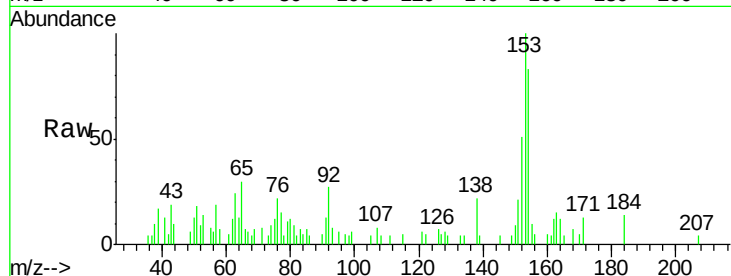




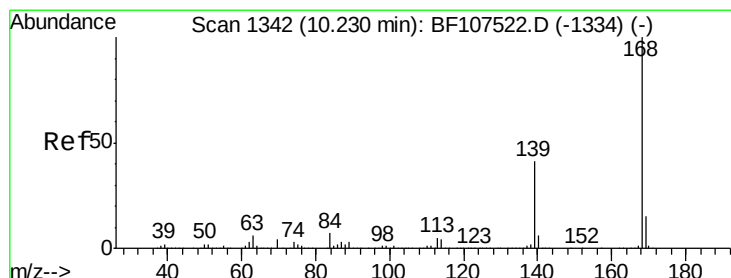
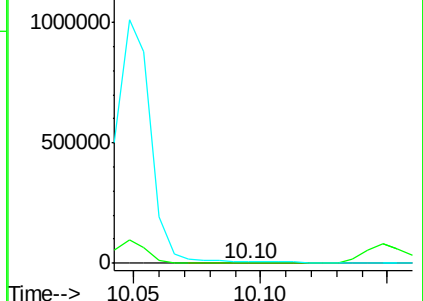
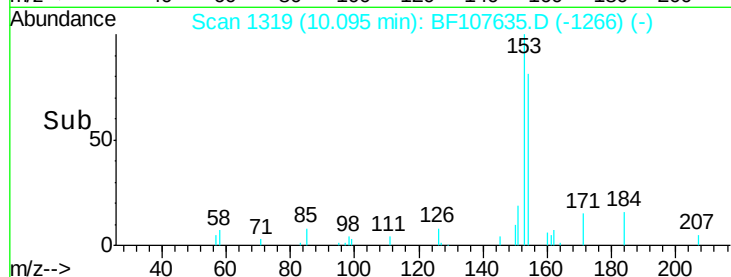
#53
2,4-Dinitrophenol
Concen: 9.662 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tgt Ion:184 Resp: 2765
Ion Ratio Lower Upper
184 100
63 163.8 54.2 81.2#
154 571.7 184.0 276.0#

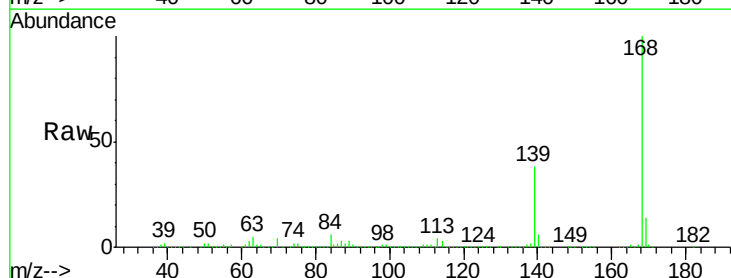


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

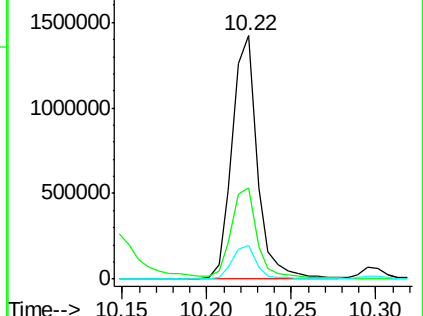
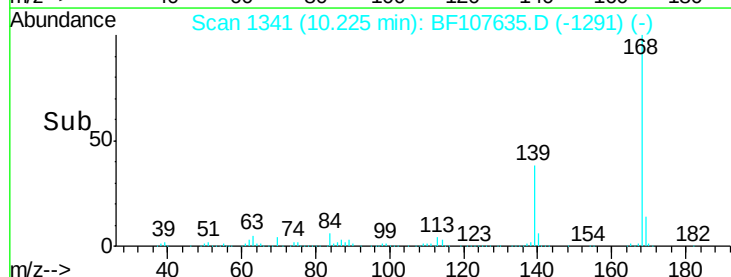


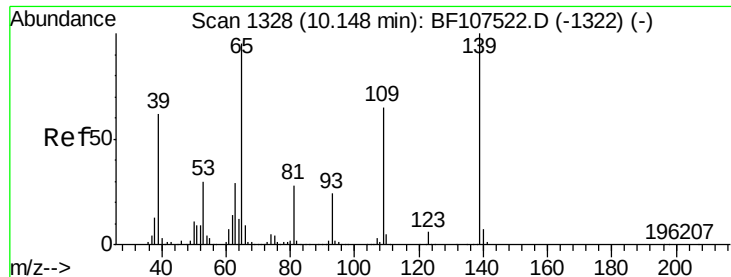
#54
Dibenzofuran
Concen: 41.275 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:168 Resp: 1485202
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.6 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

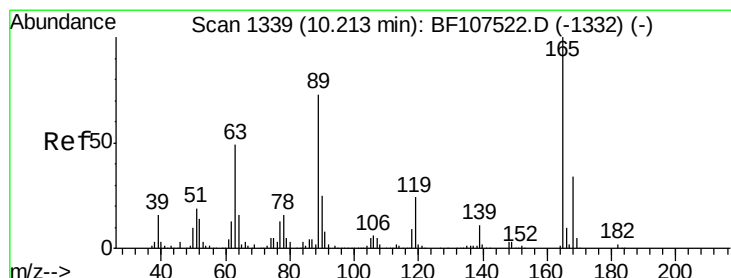
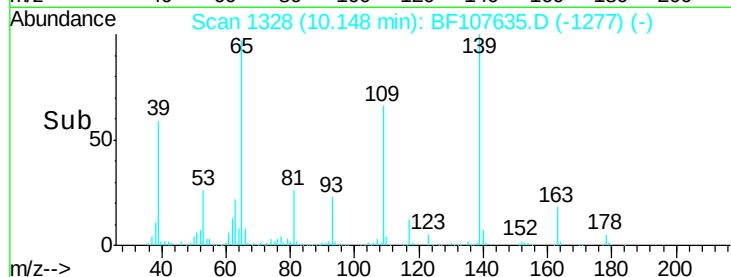
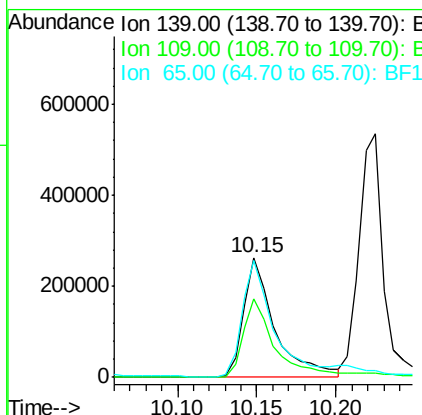
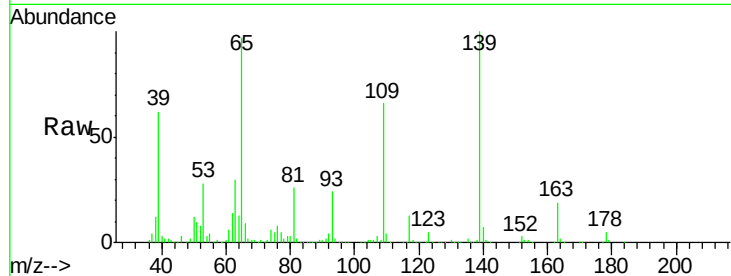




#55
4-Nitrophenol
Concen: 68.010 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

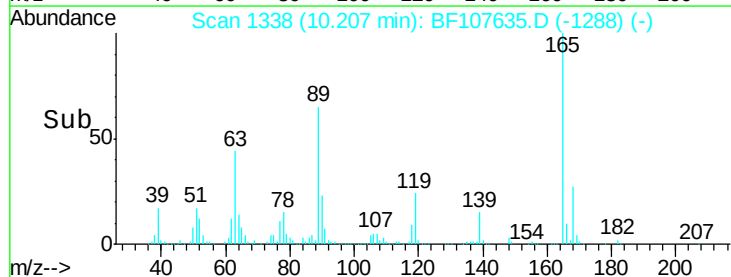
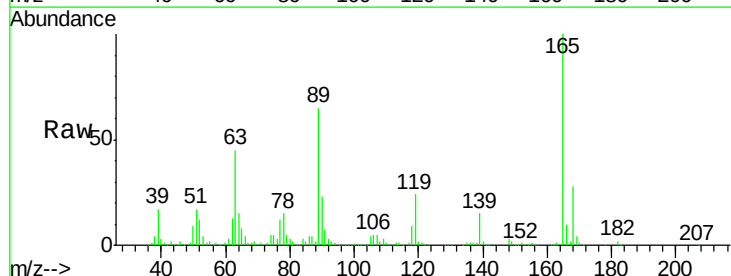
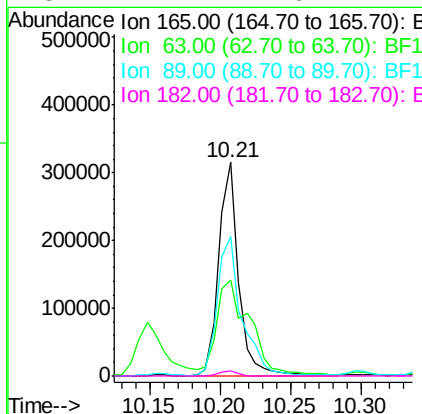
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

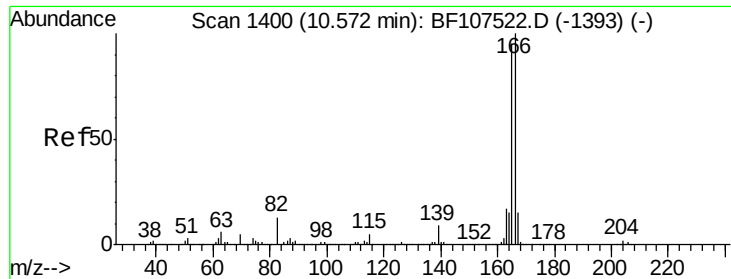
Tgt Ion:139 Resp: 361497
Ion Ratio Lower Upper
139 100
109 65.7 48.4 88.4
65 97.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.858 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:165 Resp: 308944
Ion Ratio Lower Upper
165 100
63 44.7 36.4 54.6
89 65.4 57.8 86.6
182 2.2 1.6 2.4

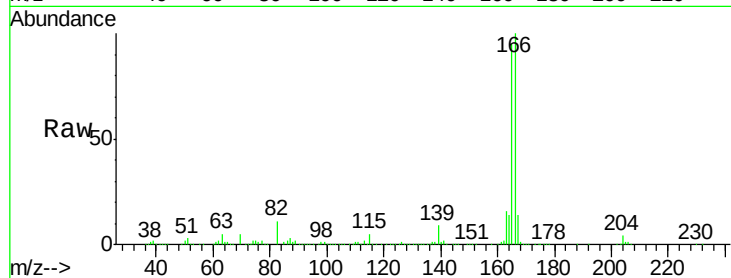




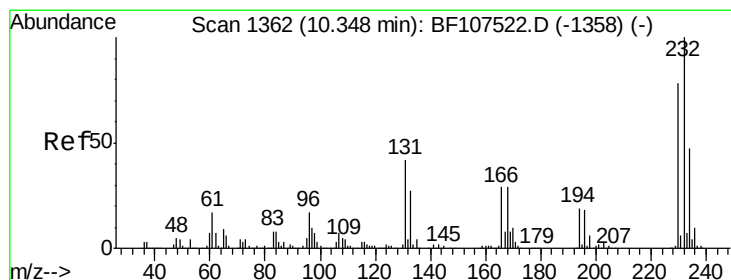
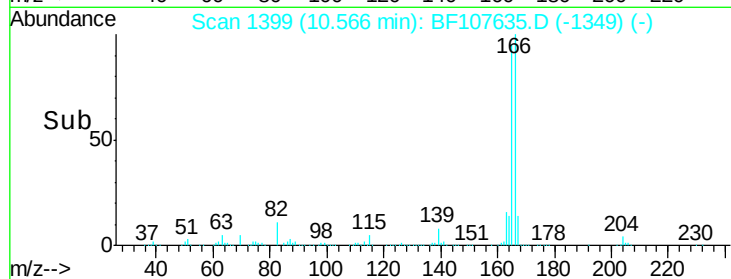
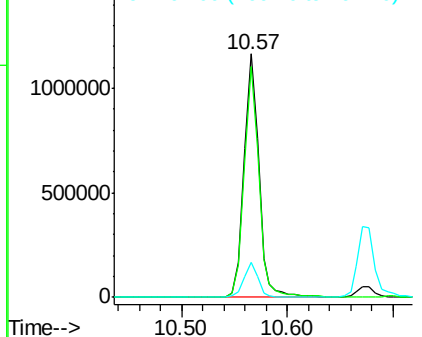
#57
 Fluorene
 Concen: 44.032 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion:166 Resp: 1130348
 Ion Ratio Lower Upper
 166 100
 165 94.6 79.8 119.8
 167 14.3 10.6 16.0

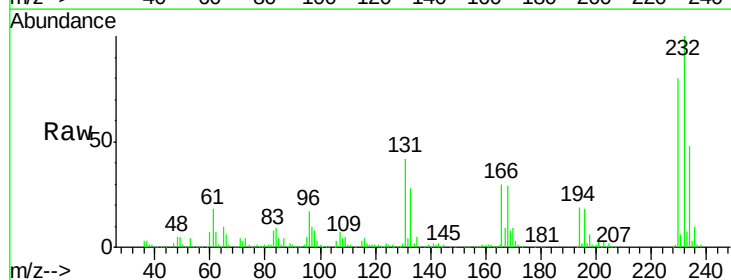


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

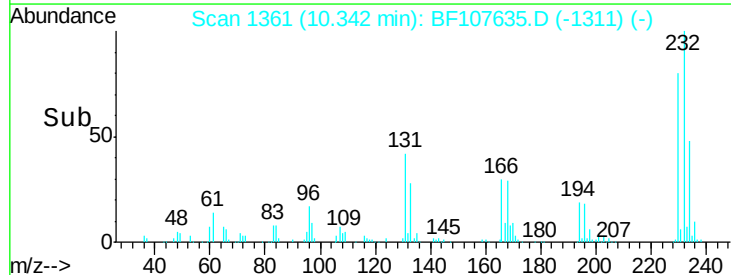
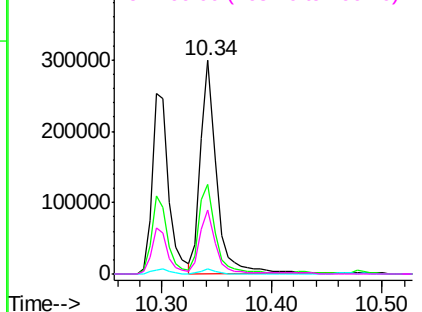


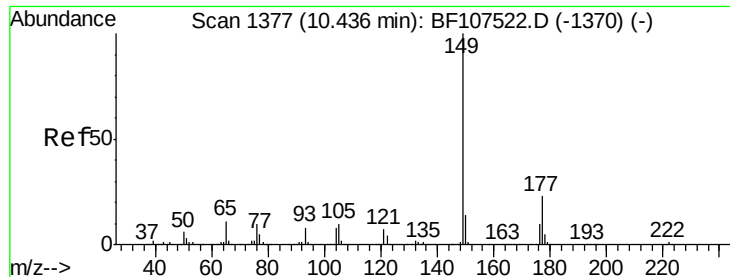
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.425 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:232 Resp: 292771
 Ion Ratio Lower Upper
 232 100
 131 42.1 43.8 65.8#
 130 2.2 2.1 3.1
 166 28.8 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

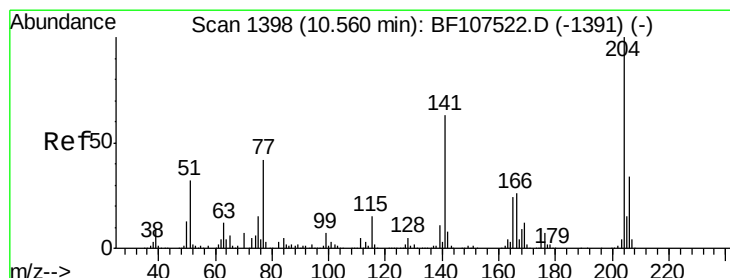
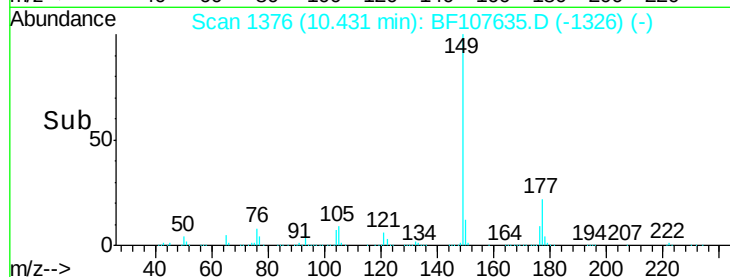
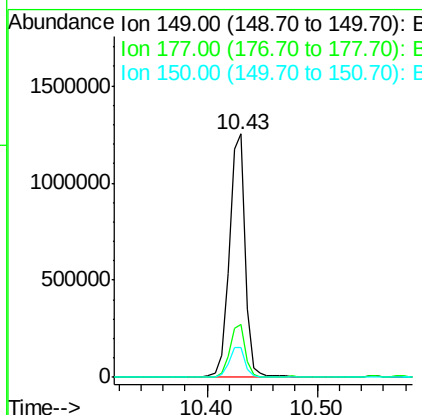
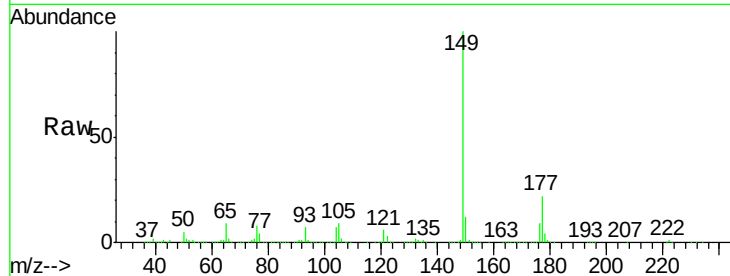




#59
Diethylphthalate
Concen: 41.219 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

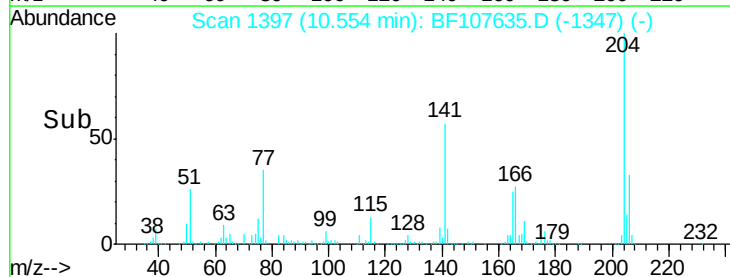
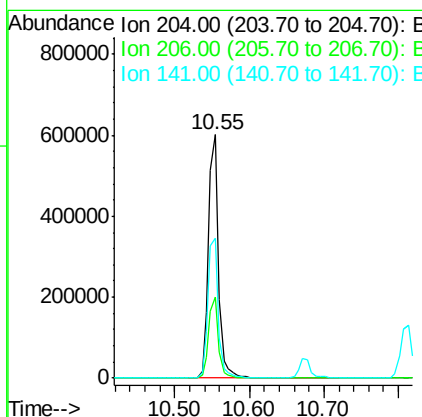
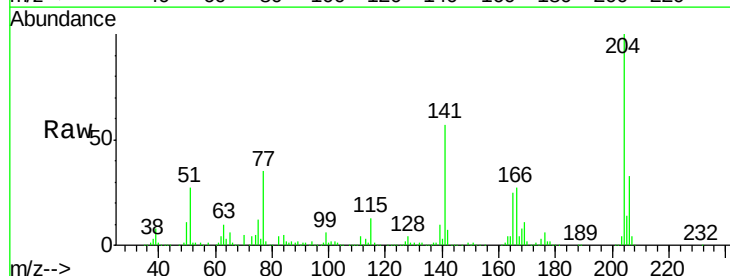
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

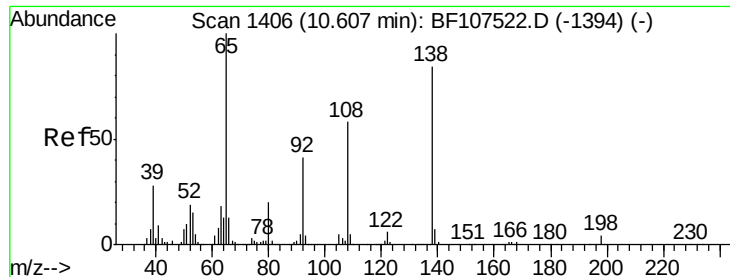
Tgt Ion:149 Resp: 1265324
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.212 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:204 Resp: 569065
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 57.4 54.6 81.8

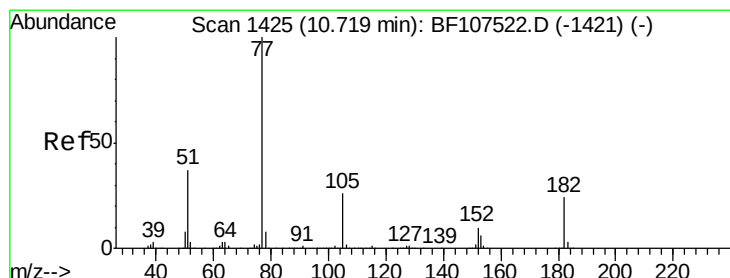
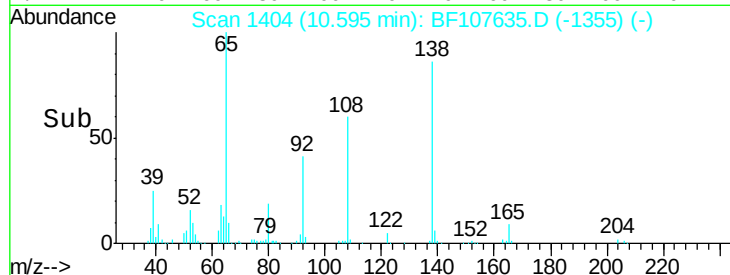
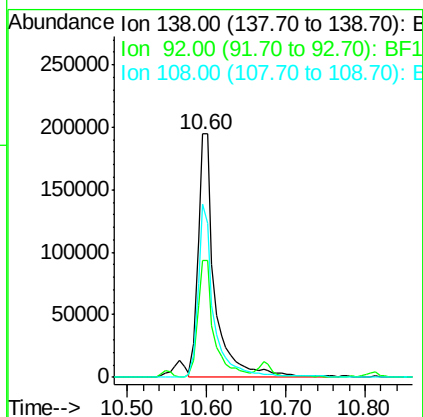
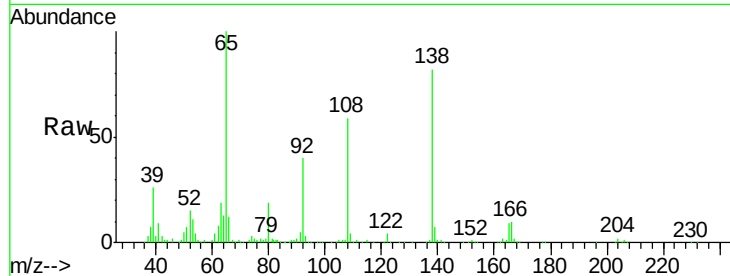




#61
4-Nitroaniline
Concen: 48.131 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

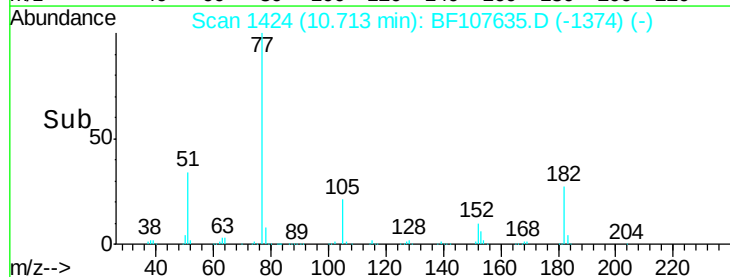
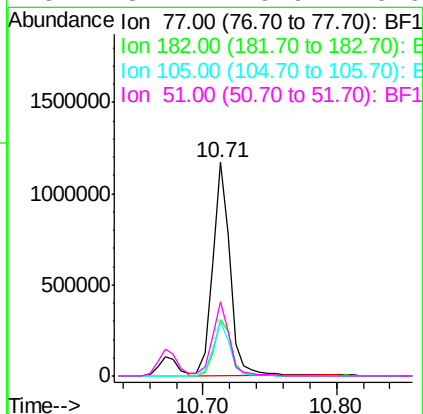
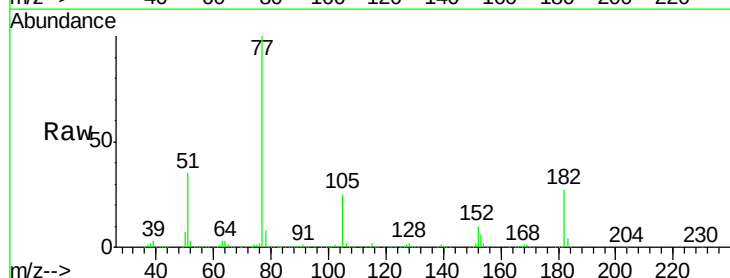
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

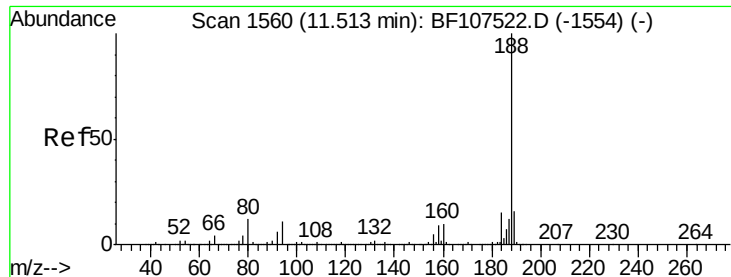
Tgt Ion:138 Resp: 287089
Ion Ratio Lower Upper
138 100
92 48.2 30.2 70.2
108 71.2 52.5 92.5



#62
Azobenzene
Concen: 37.011 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion: 77 Resp: 1065368
Ion Ratio Lower Upper
77 100
182 26.6 1.7 41.7
105 25.4 3.0 43.0
51 34.7 9.9 49.9

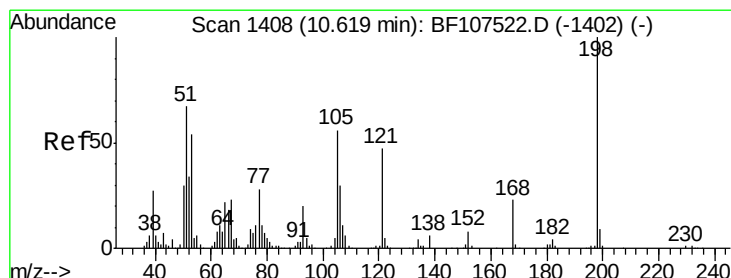
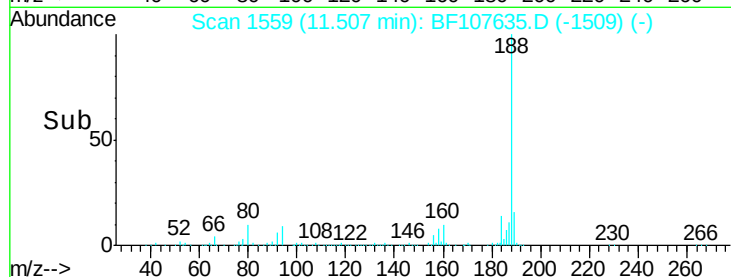
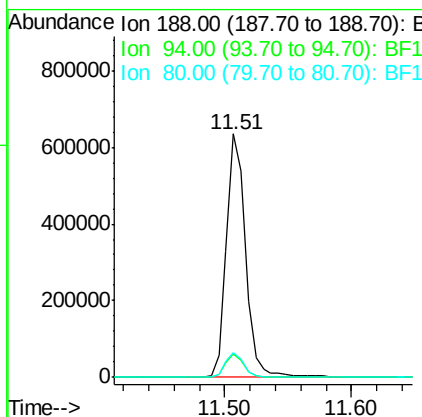
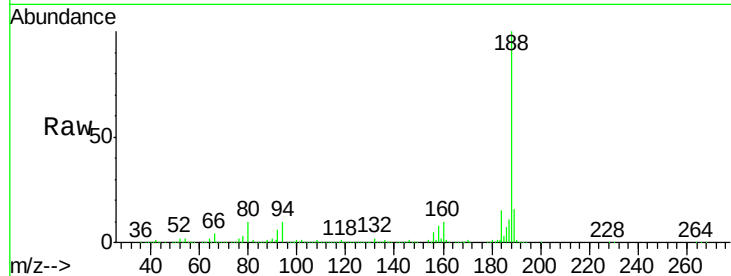




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

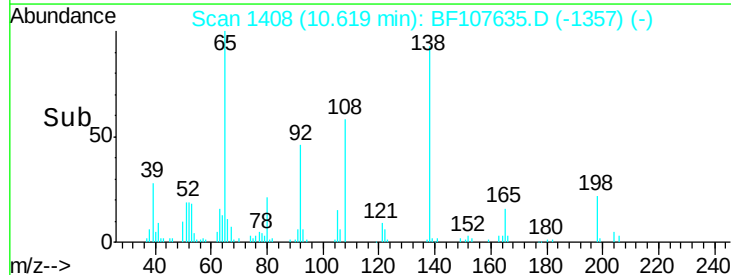
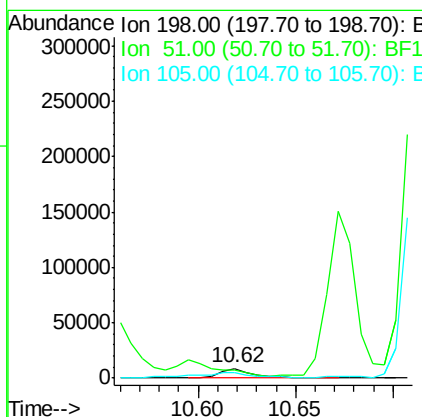
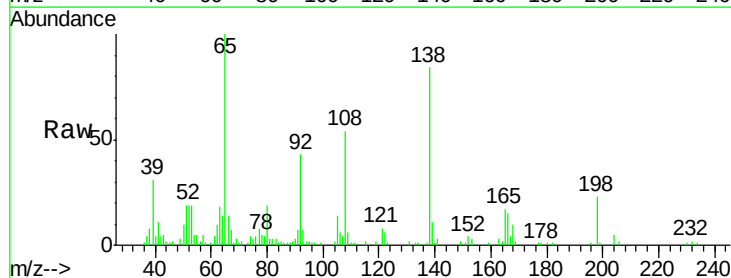
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

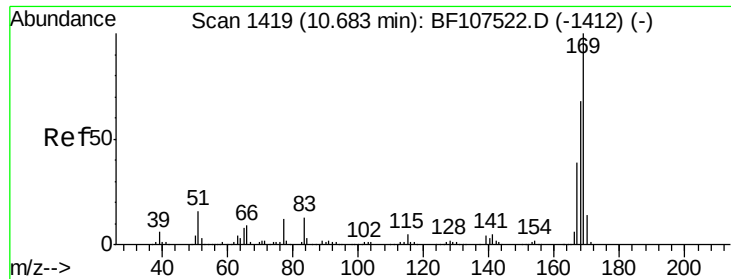
Tgt Ion:188 Resp: 668231
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 11.307 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:198 Resp: 10342
Ion Ratio Lower Upper
198 100
51 84.0 37.7 77.7#
105 58.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 44.630 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

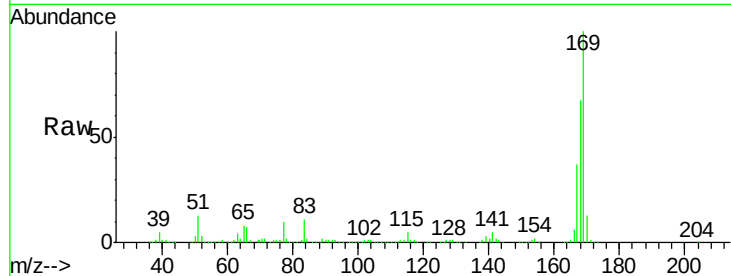
Tgt Ion:169 Resp: 1012879

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

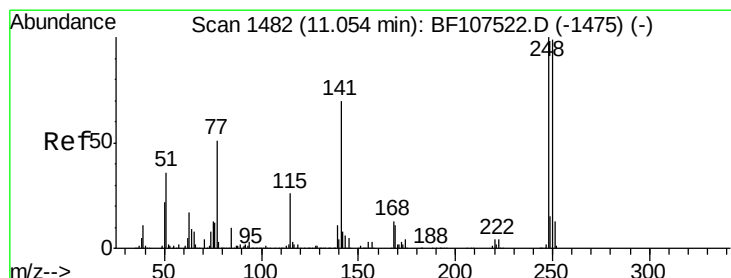
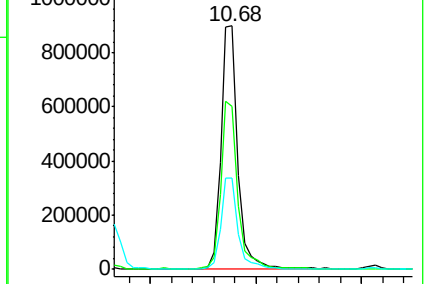
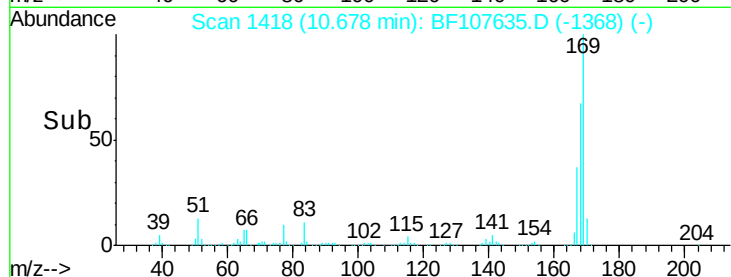
167 37.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.772 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

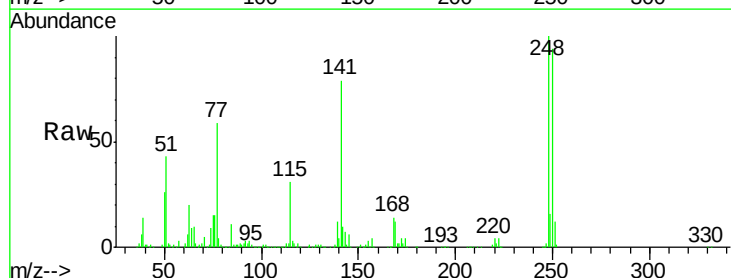
Tgt Ion:248 Resp: 336453

Ion Ratio Lower Upper

248 100

250 93.9 76.9 115.3

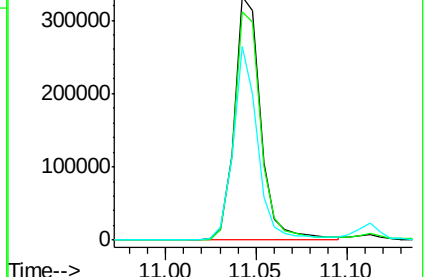
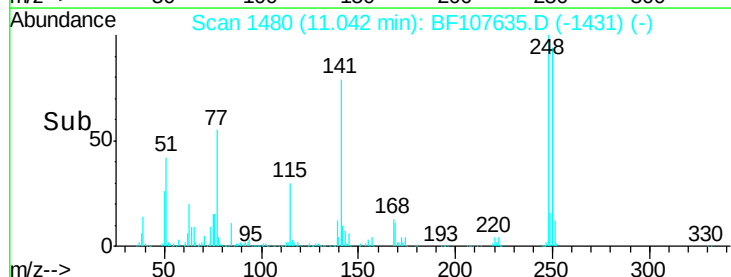
141 79.4 74.4 111.6

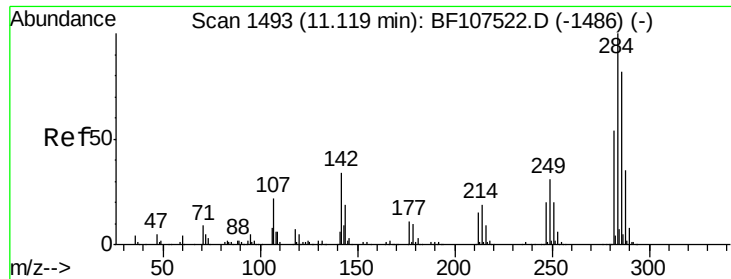


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.472 ng

RT: 11.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

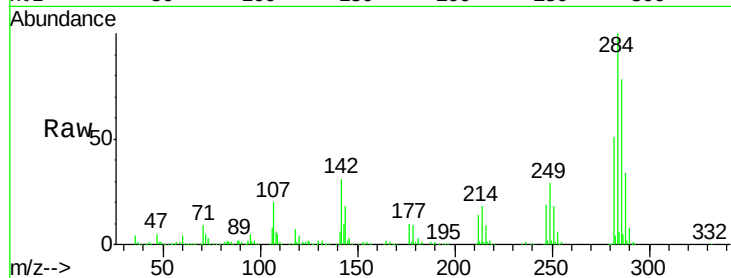
Tgt Ion:284 Resp: 350293

Ion Ratio Lower Upper

284 100

142 31.2 34.6 52.0#

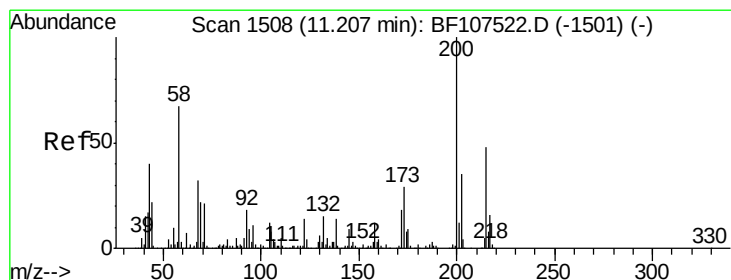
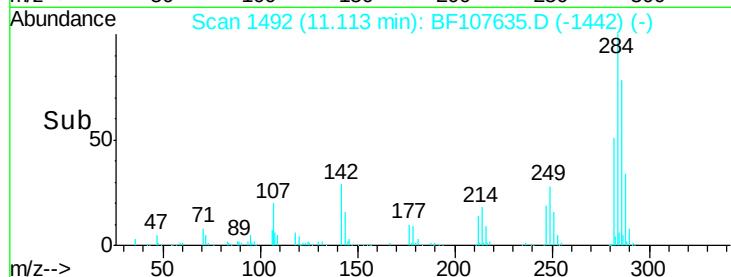
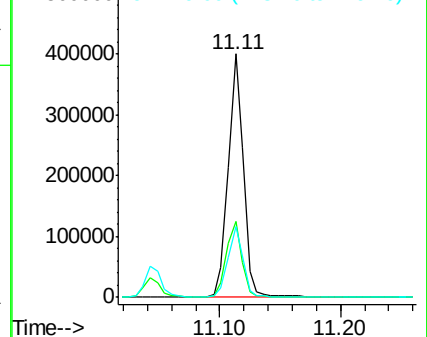
249 29.3 24.8 37.2



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: 39.921 ng

RT: 11.20 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

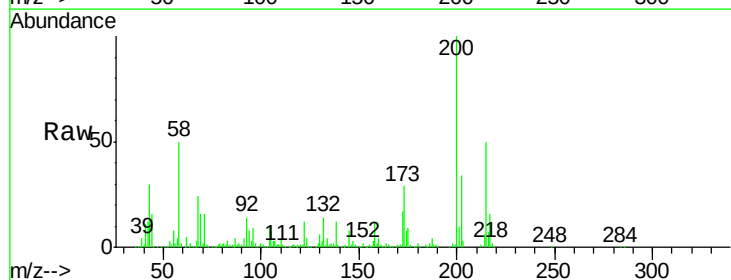
Tgt Ion:200 Resp: 276623

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

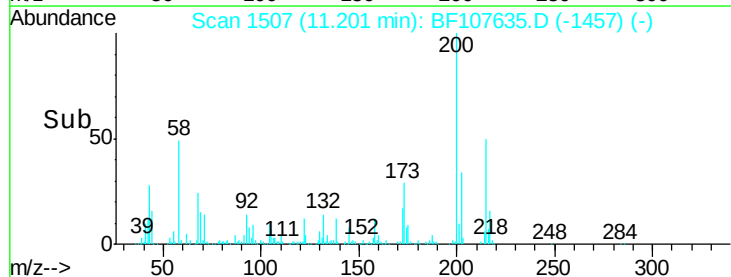
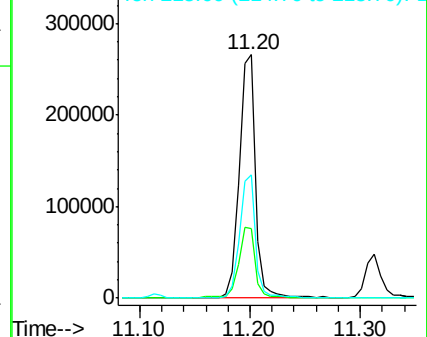
215 50.5 25.1 65.1

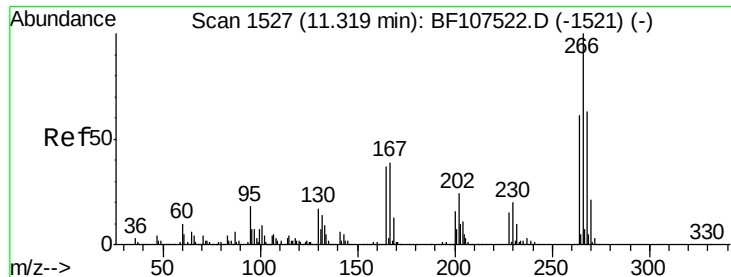


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

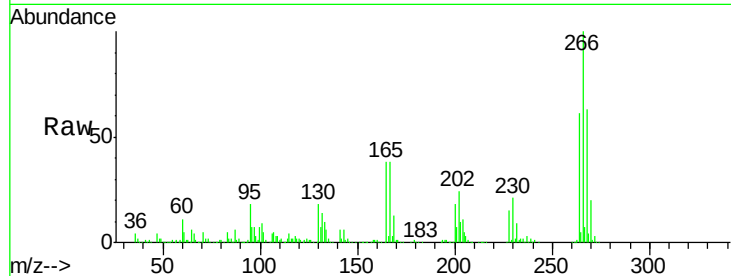




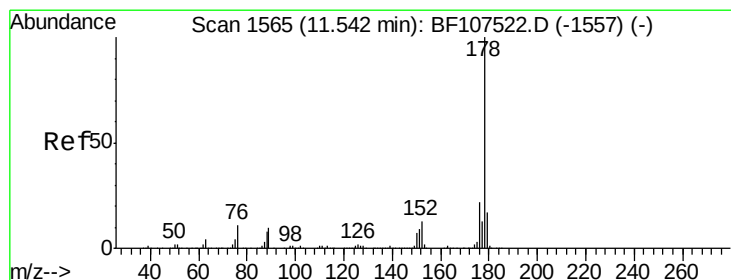
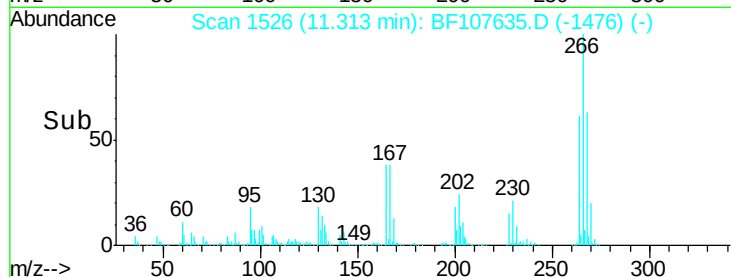
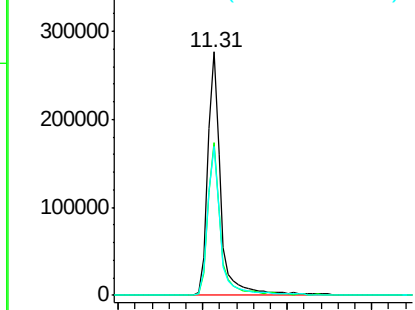
#69
 Pentachlorophenol
 Concen: 55.461 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	61.2	49.5	74.3

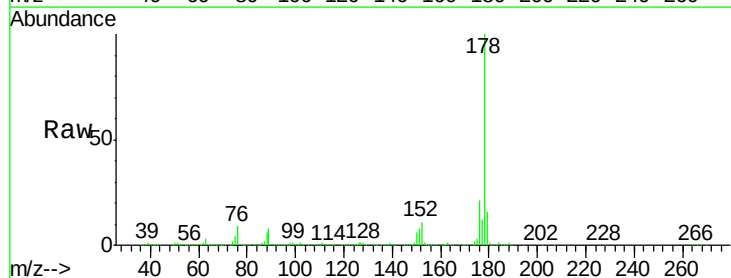


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

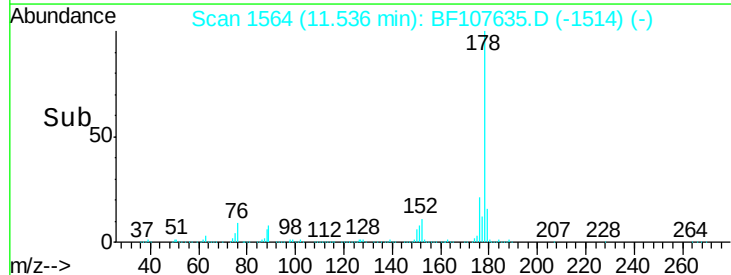
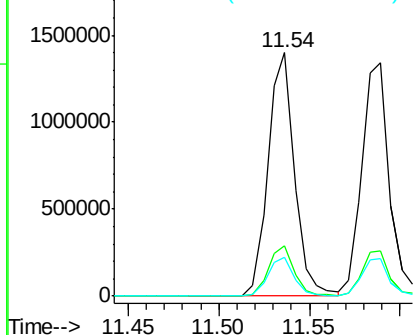


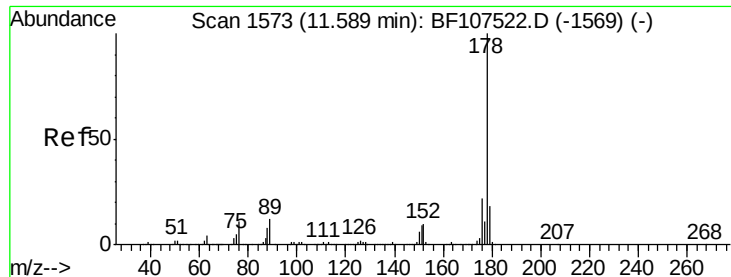
#70
 Phenanthrene
 Concen: 43.638 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.2	13.0	19.6



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

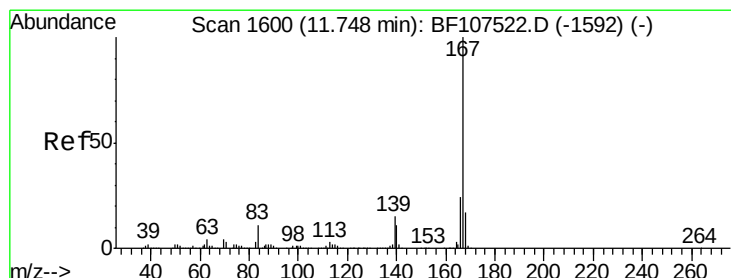
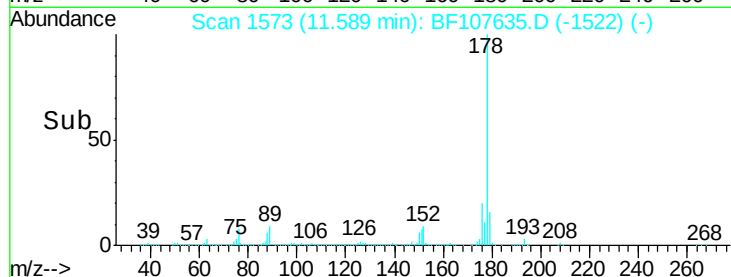
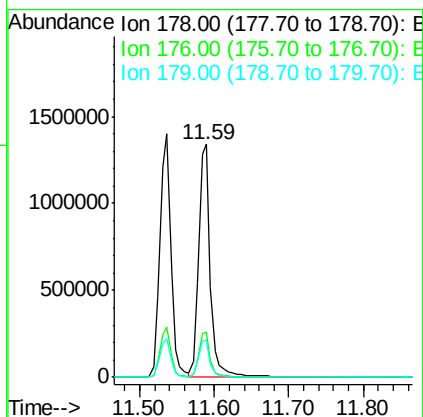
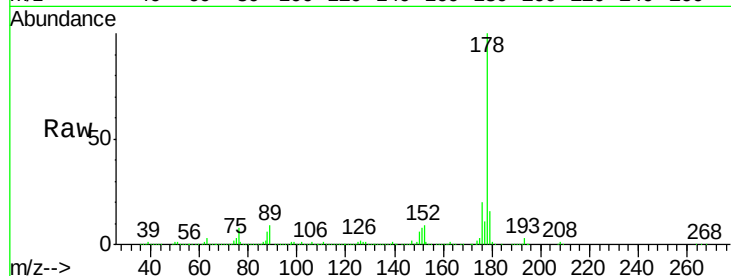




#71
 Anthracene
 Concen: 45.270 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

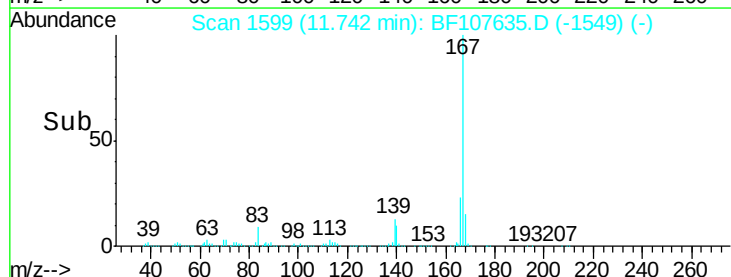
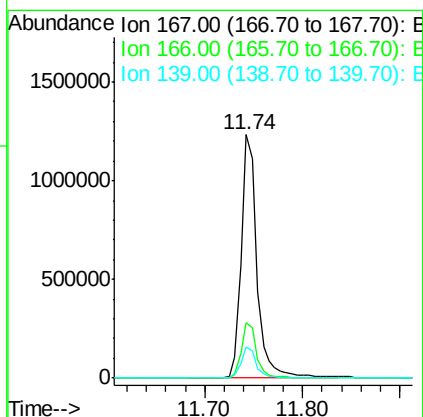
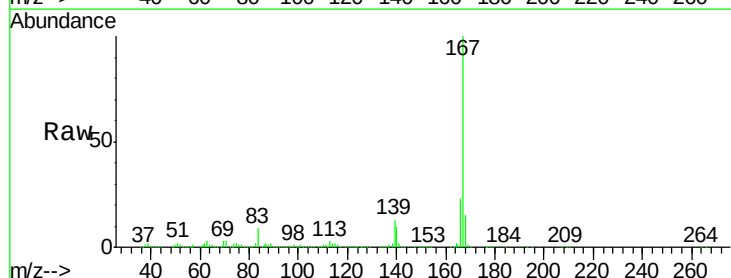
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

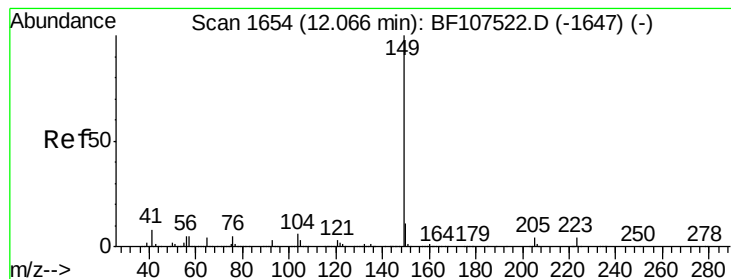
Tgt Ion:178 Resp: 1484218
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 40.809 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:167 Resp: 1391318
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 49.574 ng

RT: 12.05 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

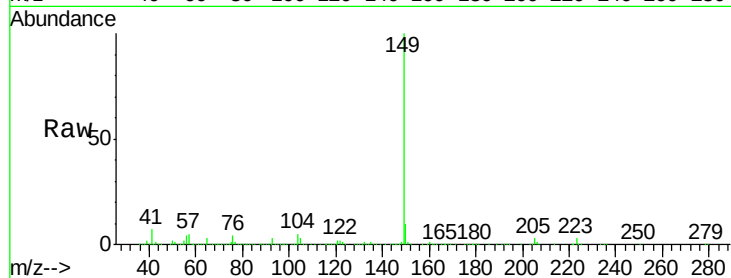
Tgt Ion:149 Resp: 1687358

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

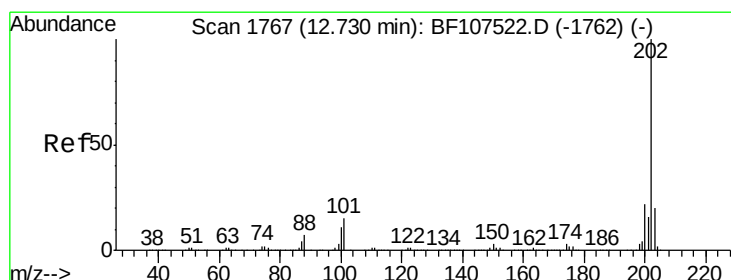
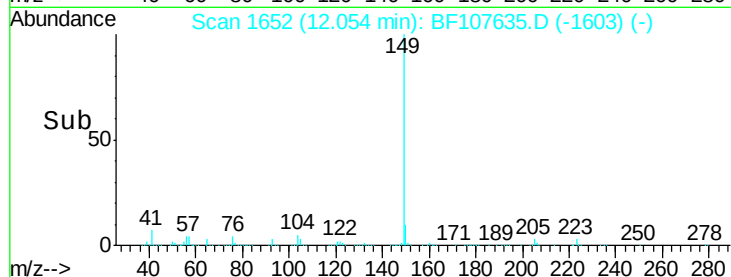
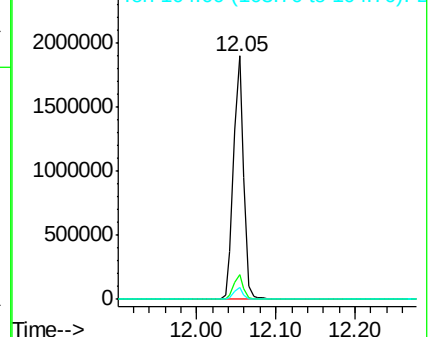
104 4.8 3.8 5.8



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: 42.883 ng

RT: 12.72 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

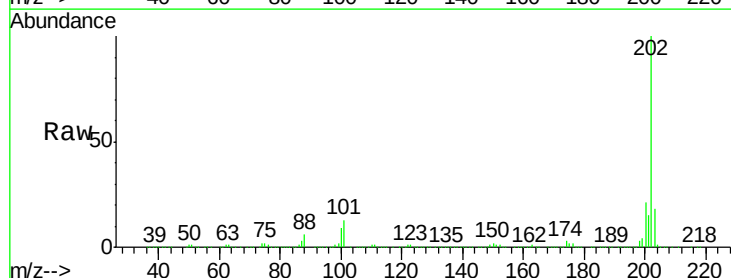
Tgt Ion:202 Resp: 1498430

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

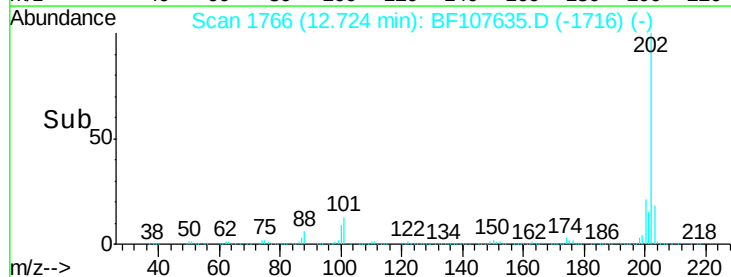
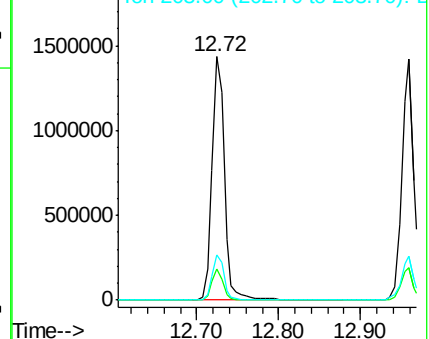
203 18.4 0.0 38.1

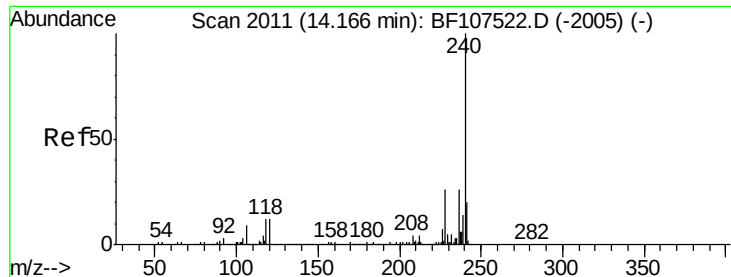


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

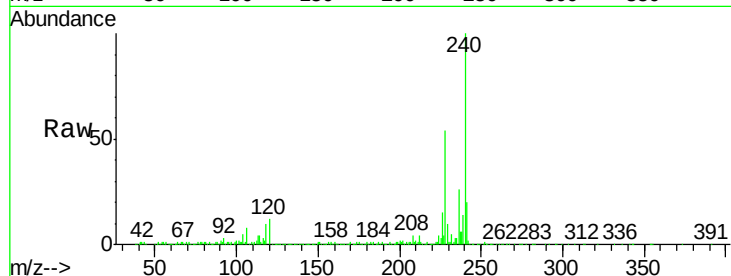
Tgt Ion:240 Resp: 470417

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

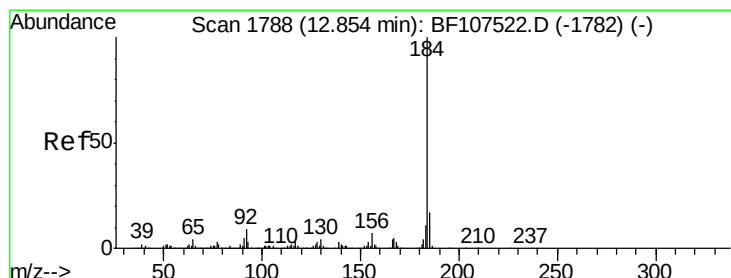
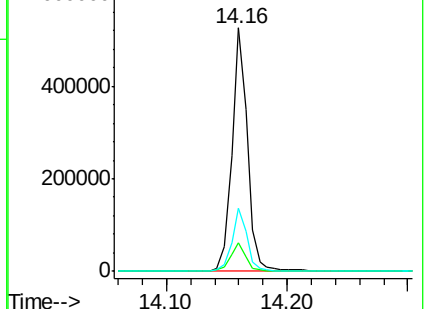
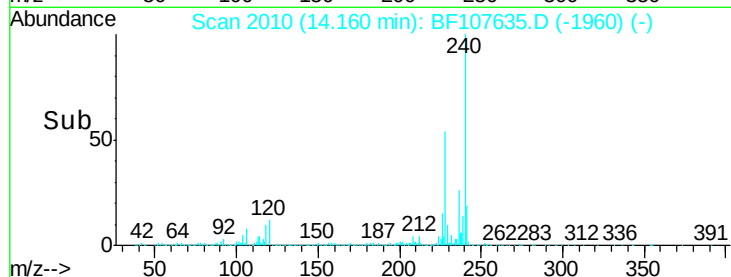
236 26.2 20.7 31.1



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: 69.489 ng

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

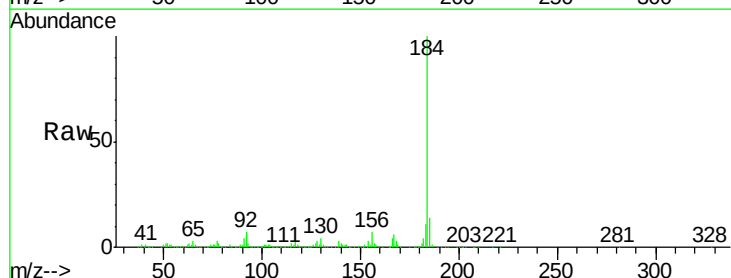
Tgt Ion:184 Resp: 941376

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

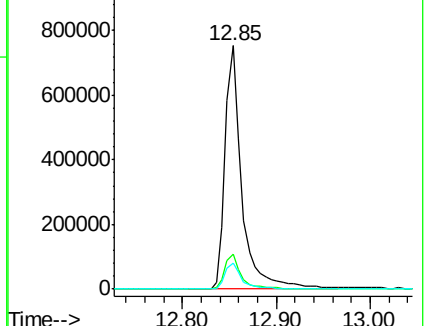
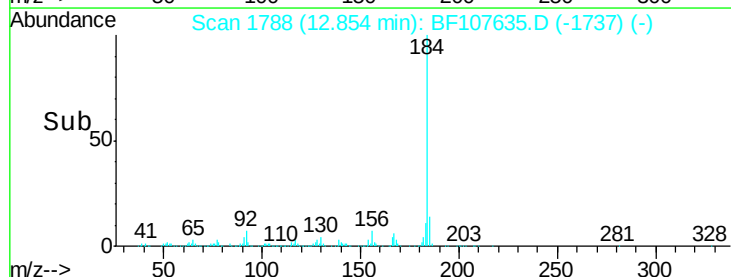
183 10.6 9.3 13.9

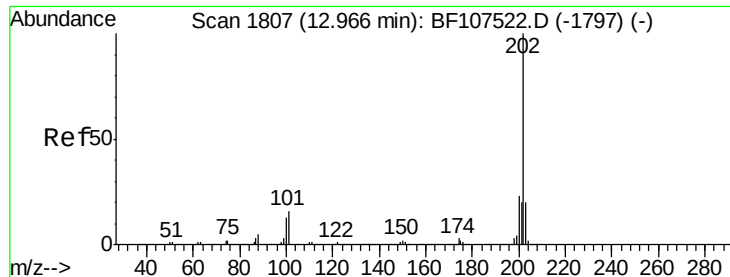


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.295 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

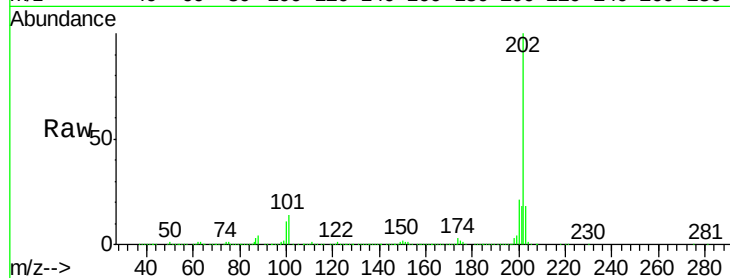
Tgt Ion:202 Resp: 1457467

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

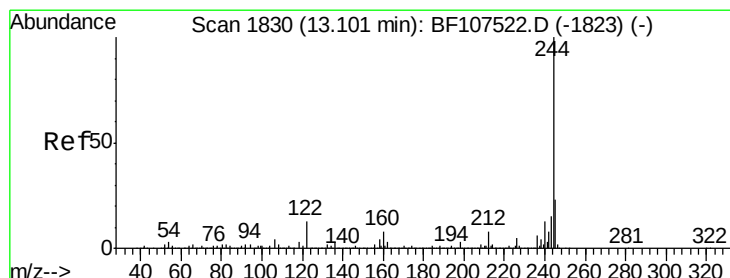
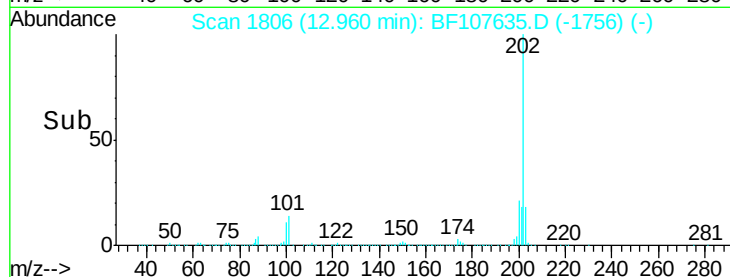
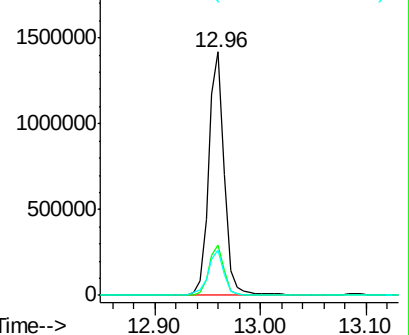
203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.570 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

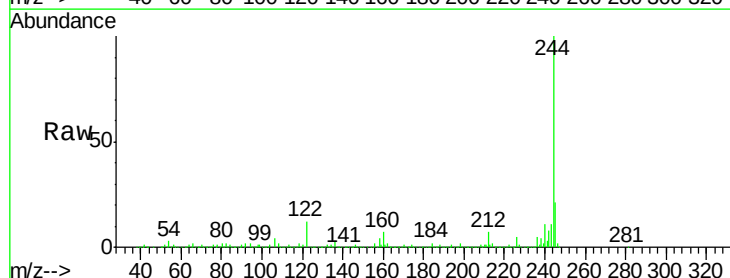
Tgt Ion:244 Resp: 1792841

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

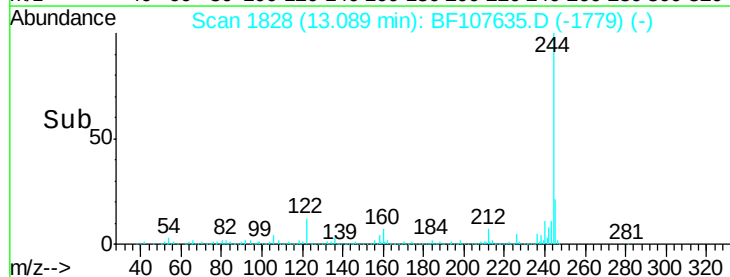
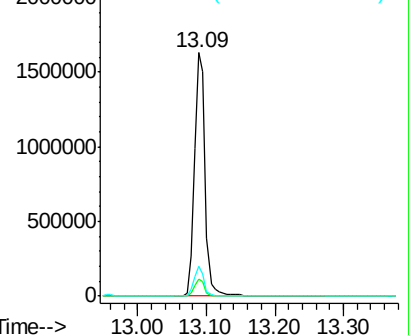
122 12.2 11.0 16.4

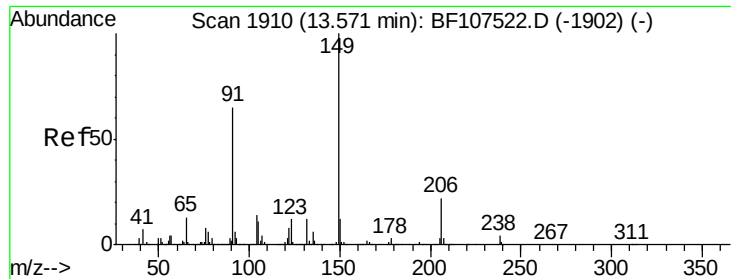


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

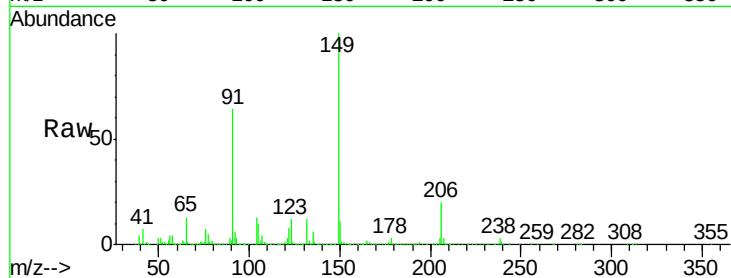




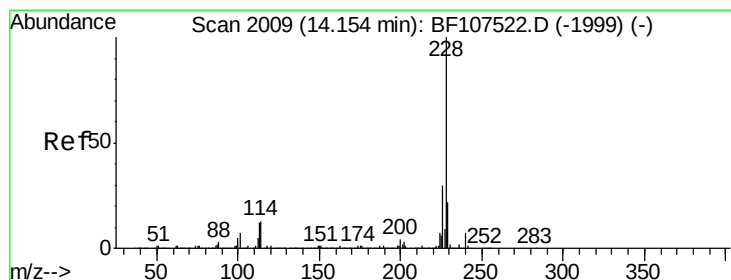
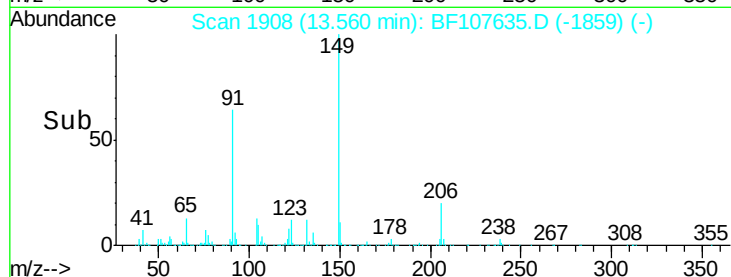
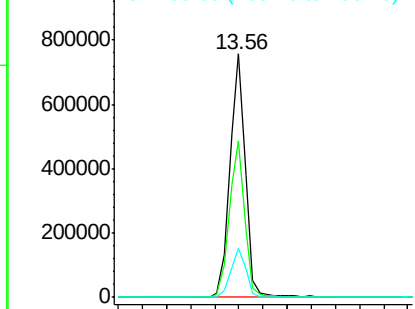
#79
Butylbenzylphthalate
Concen: 48.203 ng
RT: 13.56 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

Tgt Ion:149 Resp: 667030
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 20.2 14.1 21.1

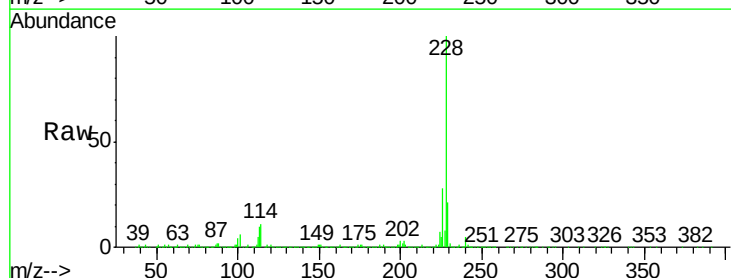


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

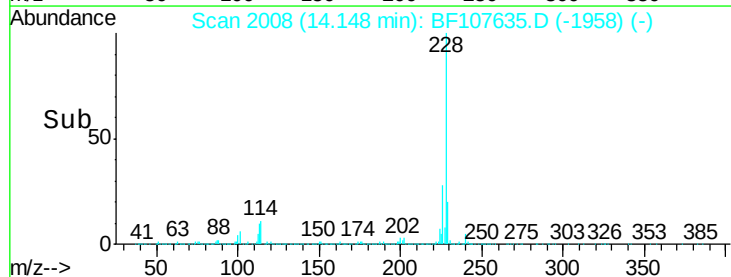
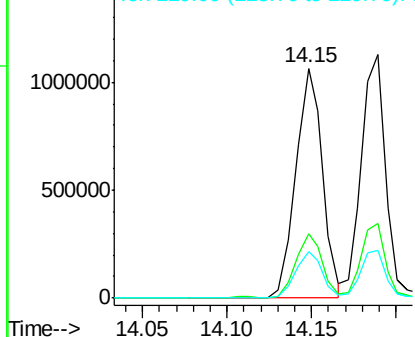


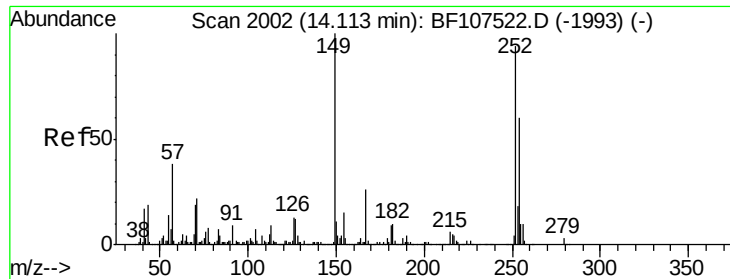
#80
Benzo(a)anthracene
Concen: 42.359 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:228 Resp: 1167718
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.5 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

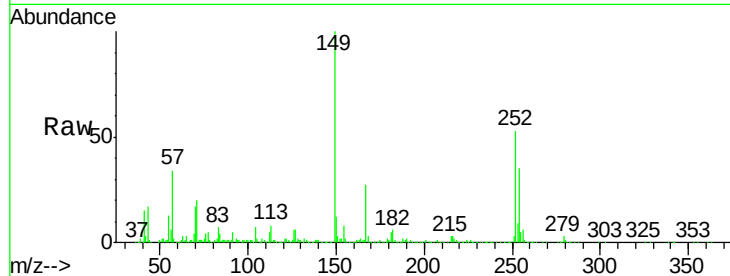




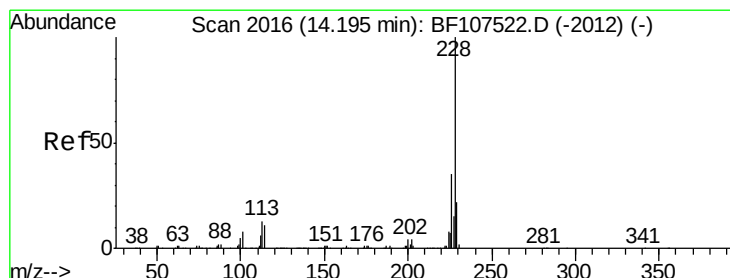
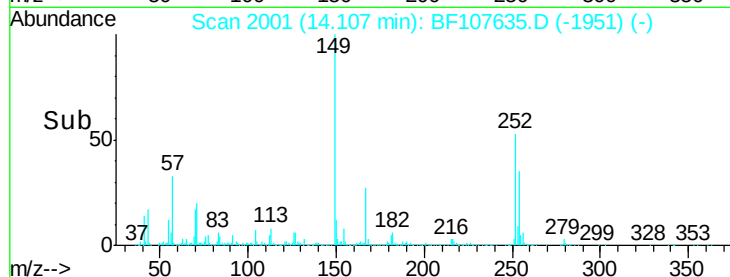
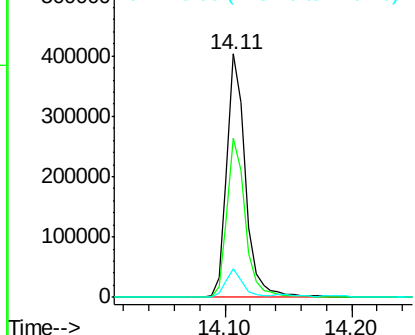
#81
 3,3'-Dichlorobenzidine
 Concen: 52.807 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion:252 Resp: 410561
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.4 75.6
 126 11.5 11.3 16.9

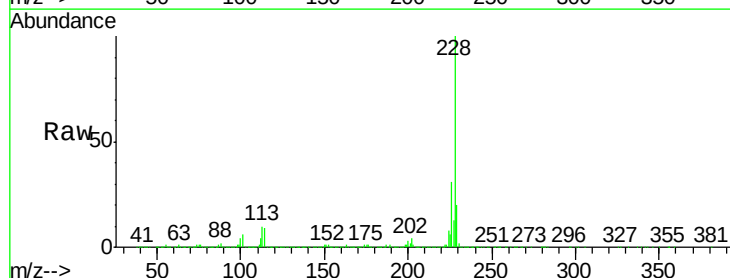


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

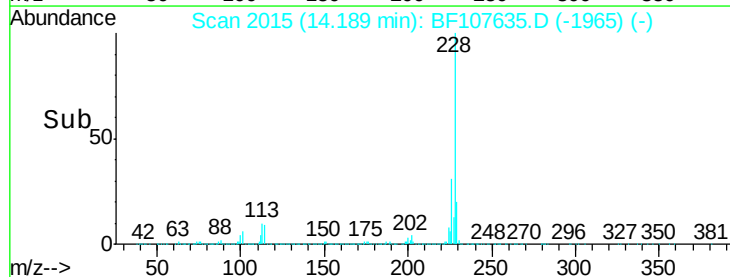
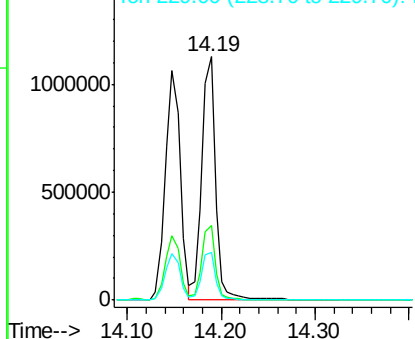


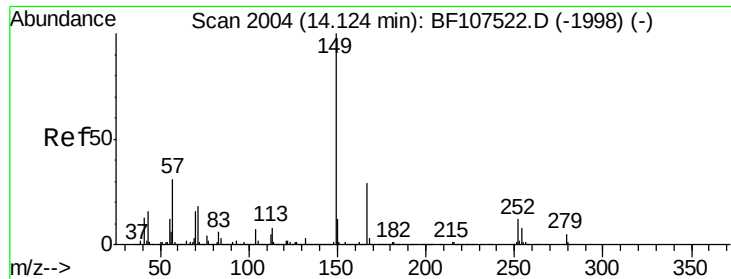
#82
 Chrysene
 Concen: 43.892 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:228 Resp: 1162299
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 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

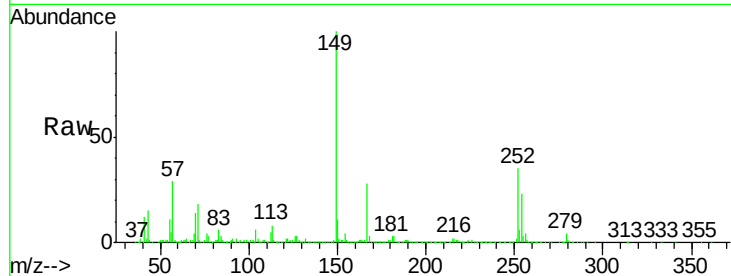




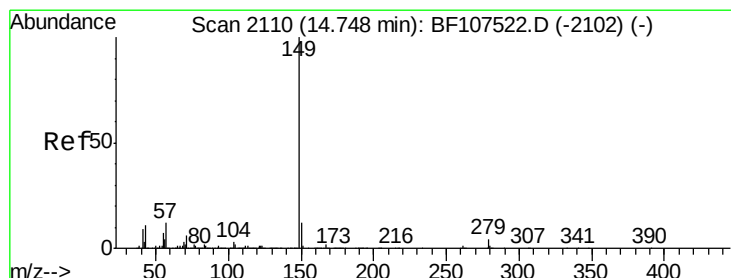
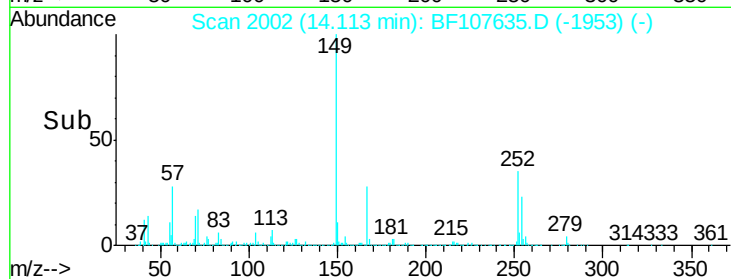
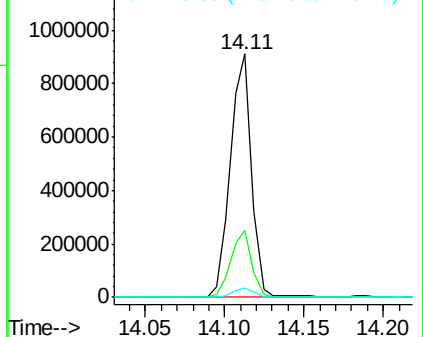
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.952 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

Tgt Ion:149 Resp: 838648
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.9 3.0 4.4

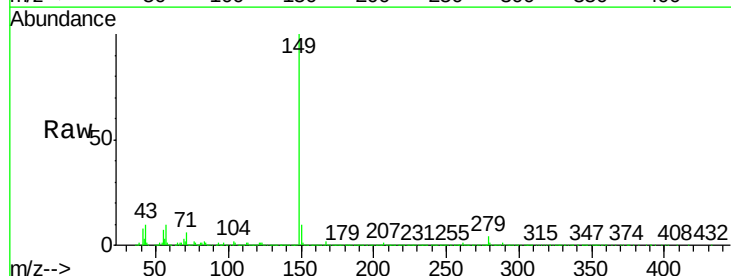


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

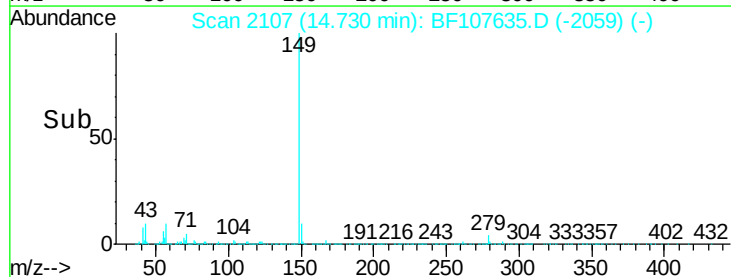
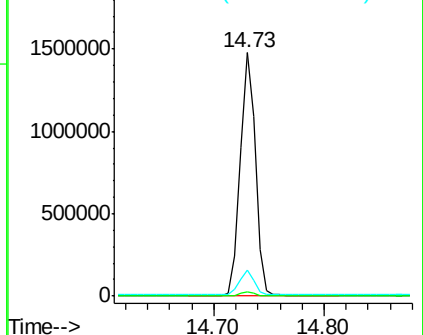


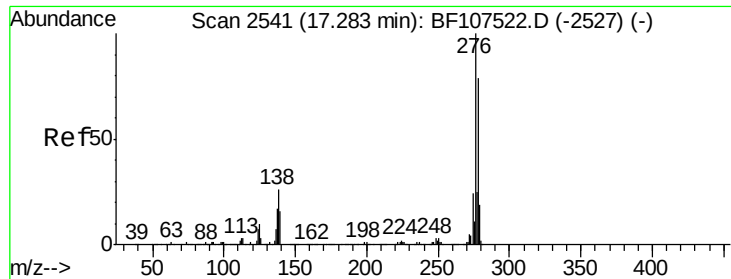
#84
 Di-n-octyl phthalate
 Concen: 47.482 ng
 RT: 14.73 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion:149 Resp: 1441036
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.0 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

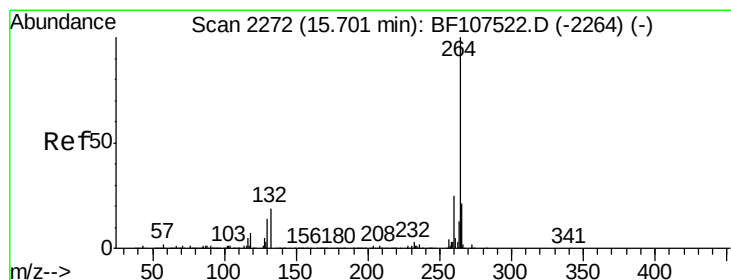
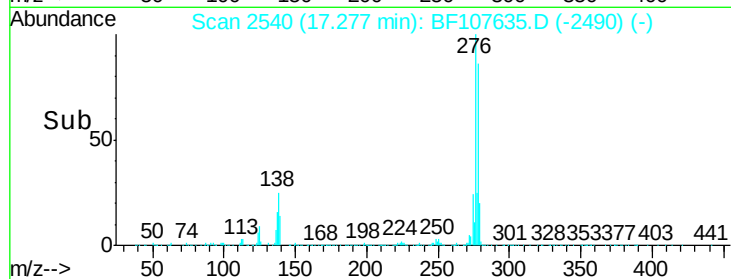
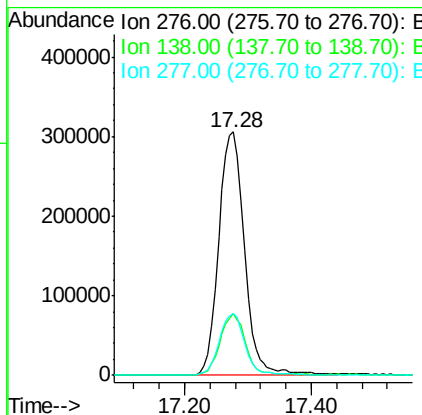
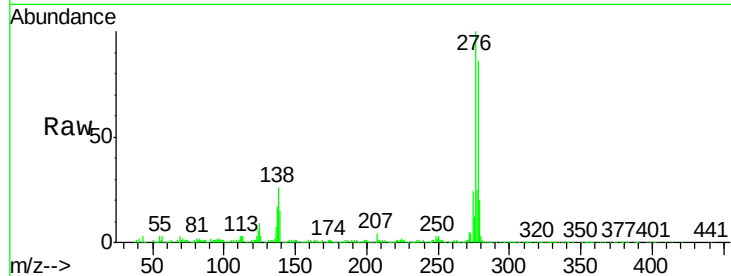




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.463 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

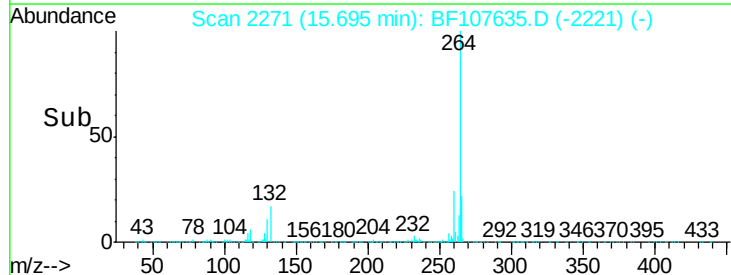
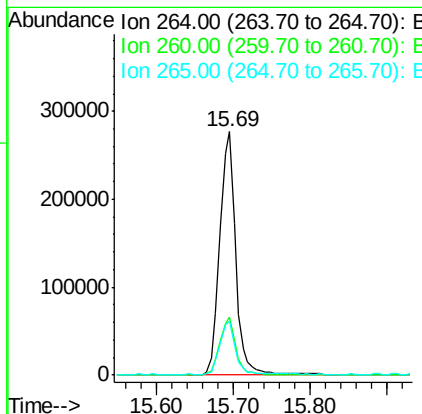
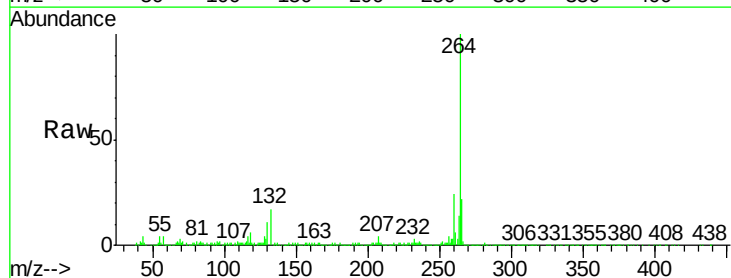
Instrument :
 BNA_F
 ClientSampleId :
 20180413-CORE-3MSD

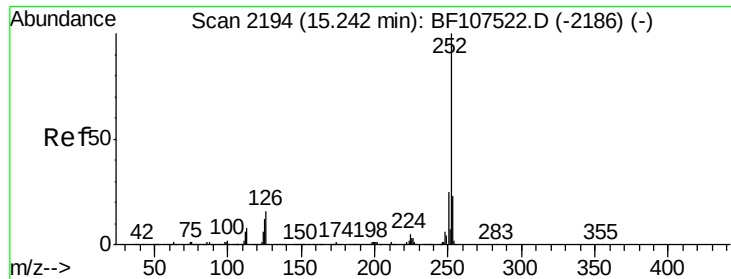
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107635.D
 Acq: 24 Jul 2018 22:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3

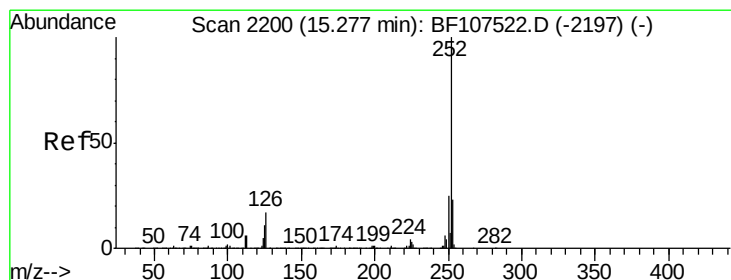
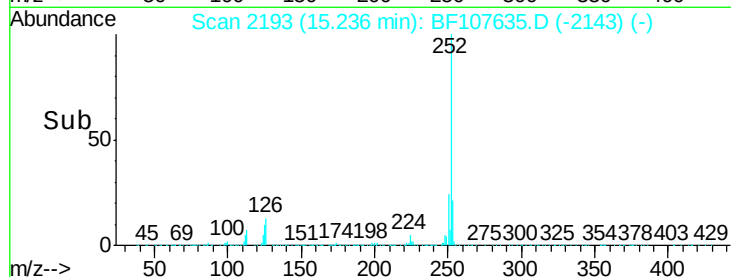
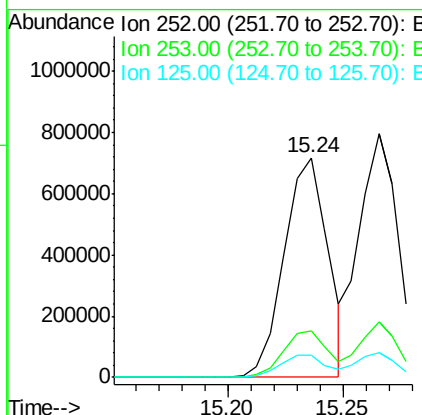
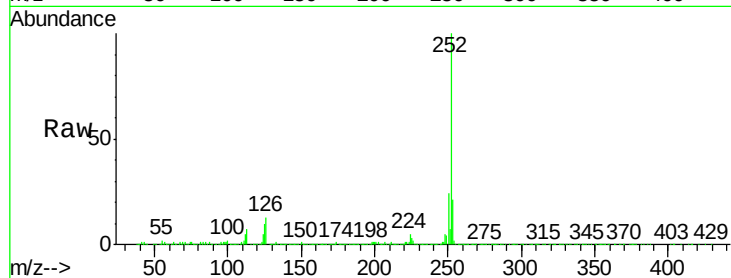




#87
Benzo(b)fluoranthene
Concen: 43.531 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

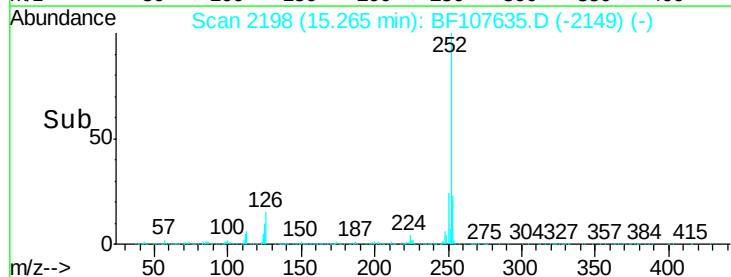
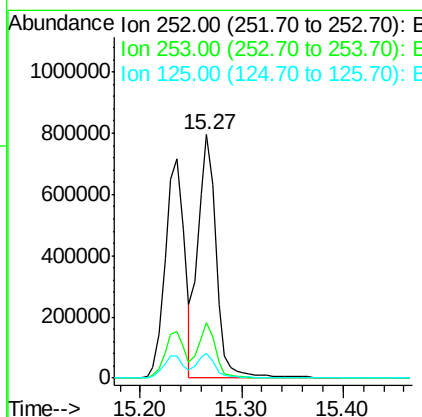
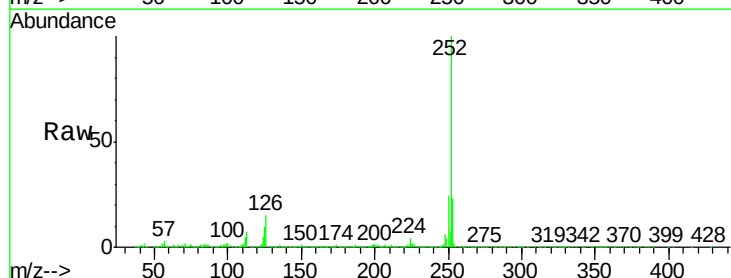
Instrument :
BNA_F
ClientSampleId :
20180413-CORE-3MSD

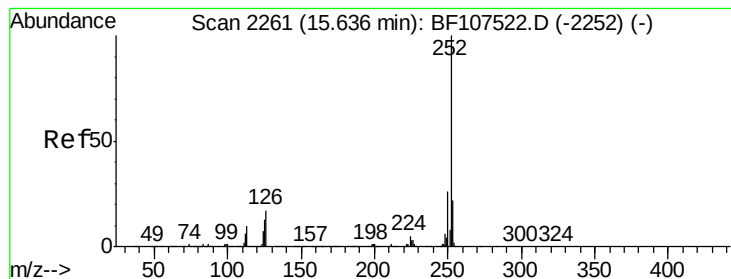
Tgt Ion:252 Resp: 940285
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 10.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.336 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF107635.D
Acq: 24 Jul 2018 22:34

Tgt Ion:252 Resp: 980581
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 44.371 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD

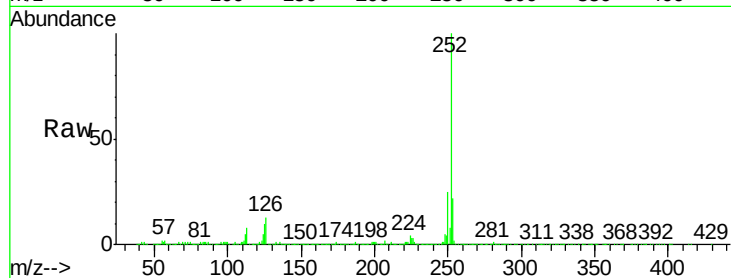
Tgt Ion:252 Resp: 876695

Ion Ratio Lower Upper

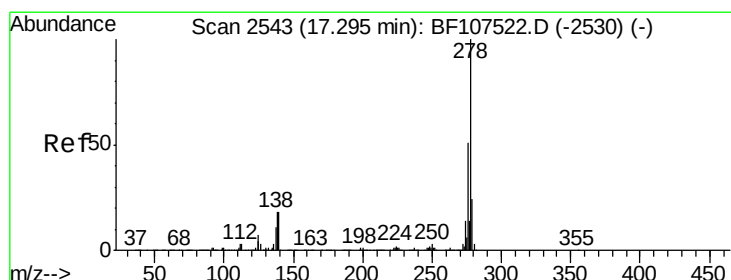
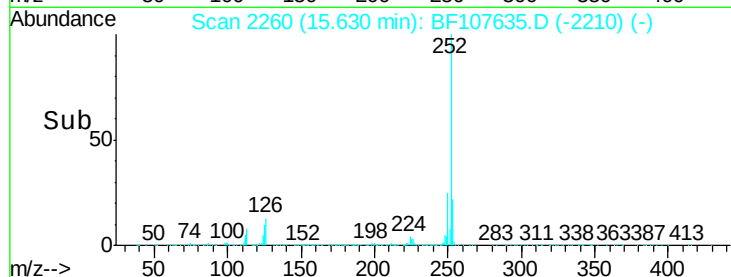
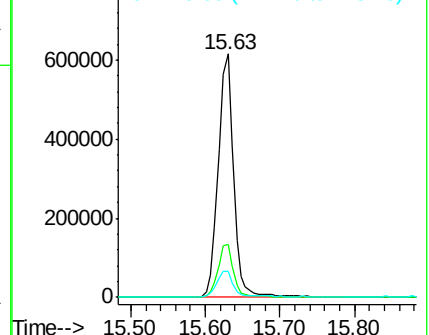
252 100

253 21.8 17.1 25.7

125 10.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.978 ng

RT: 17.29 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BF107635.D

Acq: 24 Jul 2018 22:34

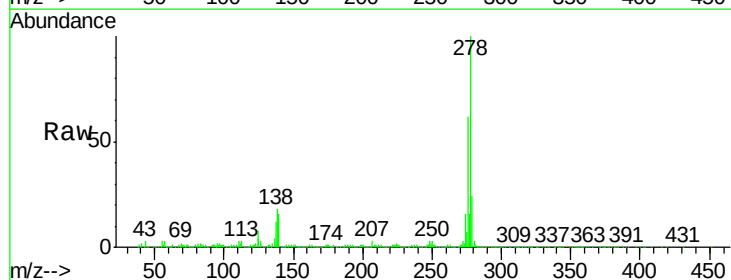
Tgt Ion:278 Resp: 734054

Ion Ratio Lower Upper

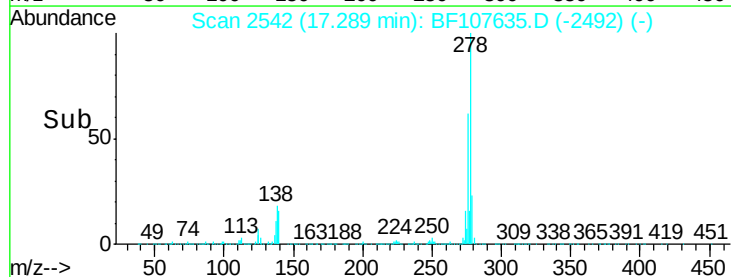
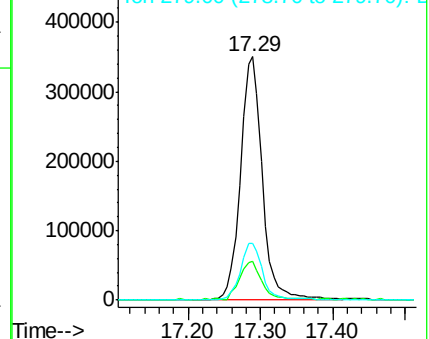
278 100

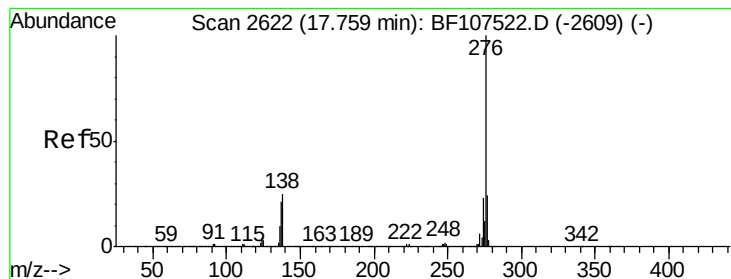
139 16.1 15.9 23.9

279 23.6 19.0 28.4



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





#91

Benzo(g,h,i)perylene

Concen: 40.937 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BF107635.D

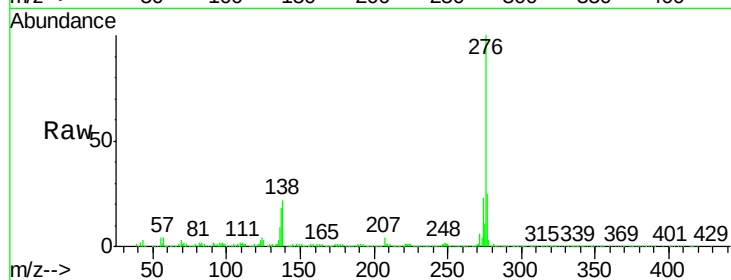
Acq: 24 Jul 2018 22:34

Instrument :

BNA_F

ClientSampleId :

20180413-CORE-3MSD



Tgt Ion:276 Resp: 689682

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 21.7 21.8 32.8#

