

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107072.D
 Acq On : 3 Jul 2018 10:39
 Operator : JU/SJ
 Sample : PB110757BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Quant Time: Jul 03 12:14:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63439	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	238920	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	125919	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	259424	20.00	ng	0.00
75) Chrysene-d12	14.15	240	182370	20.00	ng	-0.01
86) Perylene-d12	15.70	264	162788	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	436361	116.47	ng	0.01
7) Phenol-d6	6.61	99	541827	115.81	ng	0.00
23) Nitrobenzene-d5	7.52	82	351285	81.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	193590	132.65	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	673080	91.63	ng	-0.01
78) Terphenyl-d14	13.08	244	830630	110.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	59598	30.942	ng	97
3) Pyridine	3.67	79	173905	33.292	ng	98
4) n-Nitrosodimethylamine	3.62	42	73908	33.313	ng	89
6) Aniline	6.62	93	187777	29.588	ng	# 12
8) 2-Chlorophenol	6.75	128	167656	40.801	ng	99
9) Benzaldehyde	6.51	77	84282	23.678	ng	99
10) Phenol	6.62	94	198486	37.174	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	163505	37.094	ng	96
12) 1,3-Dichlorobenzene	6.90	146	193100	40.123	ng	97
13) 1,4-Dichlorobenzene	6.97	146	195475	40.174	ng	99
14) 1,2-Dichlorobenzene	7.13	146	181242	40.644	ng	97
15) Benzyl Alcohol	7.11	79	140046	37.279	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	225588	39.006	ng	# 19
17) 2-Methylphenol	7.22	107	140882	40.063	ng	# 88
18) Hexachloroethane	7.47	117	66474	38.850	ng	# 82
19) n-Nitroso-di-n-propylamine	7.37	70	112973	36.632	ng	94
20) 3+4-Methylphenols	7.38	107	179418	48.235	ng	95
22) Acetophenone	7.37	105	229647	42.963	ng	# 98
24) Nitrobenzene	7.54	77	178995	40.780	ng	97
25) Isophorone	7.78	82	325678	42.989	ng	98
26) 2-Nitrophenol	7.86	139	94341	45.531	ng	97
27) 2,4-Dimethylphenol	7.90	122	155443	48.536	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	208791	41.048	ng	99
29) 2,4-Dichlorophenol	8.11	162	155476	46.370	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	168312	45.567	ng	97
31) Naphthalene	8.27	128	481175	43.077	ng	100
32) Benzoic acid	8.00	122	16118	11.824	ng	99
33) 4-Chloroaniline	8.31	127	126234	26.933	ng	98
34) Hexachlorobutadiene	8.37	225	110663	45.979	ng	96
35) Caprolactam	8.70	113	34286	31.370	ng	95
36) 4-Chloro-3-methylphenol	8.81	107	160713	45.538	ng	99
37) 2-Methylnaphthalene	8.95	142	363161	49.050	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191155	45.078	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	111081	50.914	ng	99

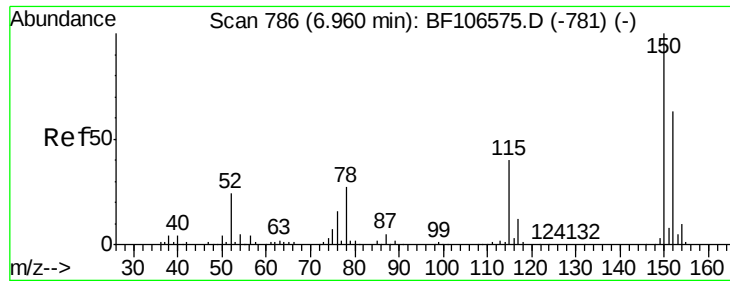
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070318\
 Data File : BF107072.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	109794	38.951	ng	92
43) 2,4,5-Trichlorophenol	9.29	196	111579	37.935	ng	90
45) 1,1'-Biphenyl	9.42	154	429716	42.821	ng	97
46) 2-Chloronaphthalene	9.45	162	321934	40.756	ng	96
47) 2-Nitroaniline	9.55	65	102185	38.470	ng	96
48) Acenaphthylene	9.87	152	509967	40.892	ng	99
49) Dimethylphthalate	9.71	163	373098	39.506	ng	98
50) 2,6-Dinitrotoluene	9.79	165	88354	44.181	ng	89
51) Acenaphthene	10.04	154	306534	39.033	ng	97
52) 3-Nitroaniline	9.97	138	72047	31.308	ng	98
53) 2,4-Dinitrophenol	10.08	184	22514	25.557	ng #	22
54) Dibenzofuran	10.21	168	463383	43.092	ng	98
55) 4-Nitrophenol	10.15	139	81188	50.543	ng	98
56) 2,4-Dinitrotoluene	10.20	165	114419	43.833	ng	88
57) Fluorene	10.55	166	374100	43.841	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	94177	40.280	ng #	79
59) Diethylphthalate	10.41	149	358274	39.305	ng #	94
60) 4-Chlorophenyl-phenylether	10.54	204	194874	43.647	ng #	87
61) 4-Nitroaniline	10.58	138	94725	41.476	ng	96
62) Azobenzene	10.70	77	345961	38.542	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	36123	22.526	ng	79
65) n-Nitrosodiphenylamine	10.66	169	329809	37.797	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	133959	43.267	ng #	80
67) Hexachlorobenzene	11.11	284	144631	44.633	ng #	79
68) Atrazine	11.19	200	120553	43.459	ng	93
69) Pentachlorophenol	11.31	266	56878	35.178	ng	97
70) Phenanthrene	11.52	178	553122	44.205	ng	99
71) Anthracene	11.58	178	573340	44.892	ng	100
72) Carbazole	11.74	167	513227	42.921	ng	98
73) Di-n-butylphthalate	12.04	149	551607	39.158	ng	99
74) Fluoranthene	12.72	202	606920	44.007	ng	95
76) Benzidine	12.84	184	236358	45.507	ng	97
77) Pyrene	12.95	202	616085	51.229	ng	99
79) Butylbenzylphthalate	13.54	149	210418	42.556	ng #	96
80) Benzo(a)anthracene	14.14	228	492218	44.284	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	96930	24.813	ng #	97
82) Chrysene	14.18	228	465320	45.505	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	242353	38.338	ng	97
84) Di-n-octyl phthalate	14.72	149	355458	34.497	ng #	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	490795	56.558	ng #	89
87) Benzo(b)fluoranthene	15.24	252	402678	39.821	ng #	96
88) Benzo(k)fluoranthene	15.27	252	399184	41.453	ng #	95
89) Benzo(a)pyrene	15.64	252	405138	45.067	ng #	97
90) Dibenzo(a,h)anthracene	17.31	278	409004	53.685	ng #	92
91) Benzo(g,h,i)perylene	17.79	276	433091	58.160	ng #	89

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

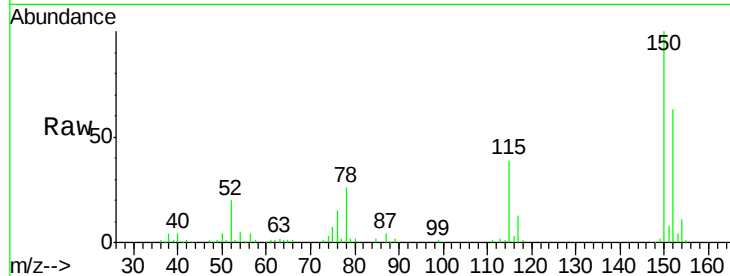


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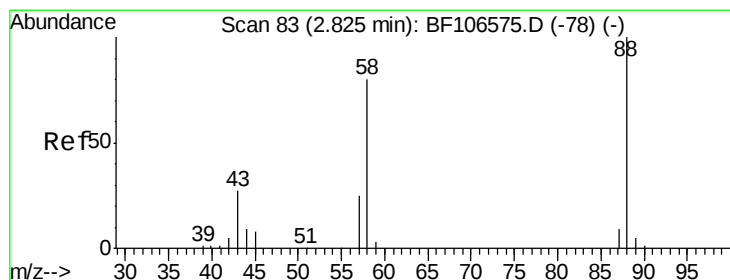
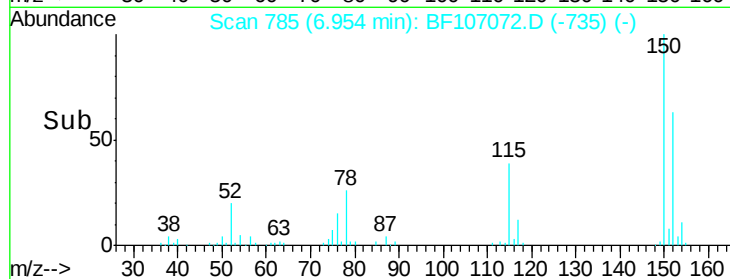
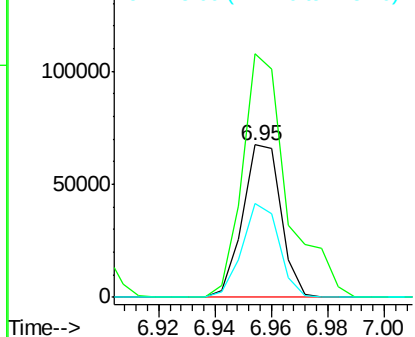
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion: 152 Resp: 63439
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 61.6 50.1 75.1



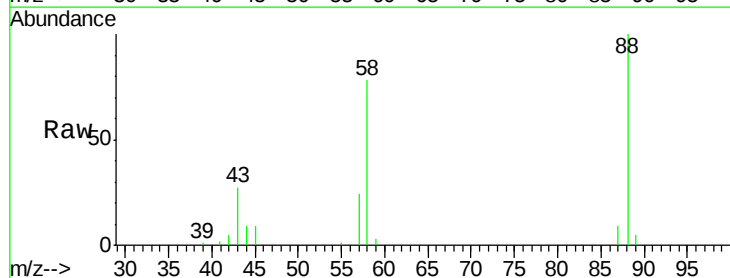
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



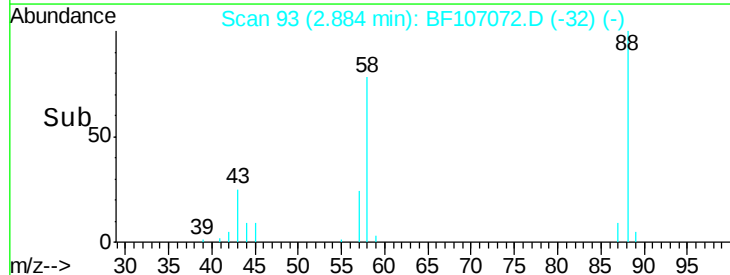
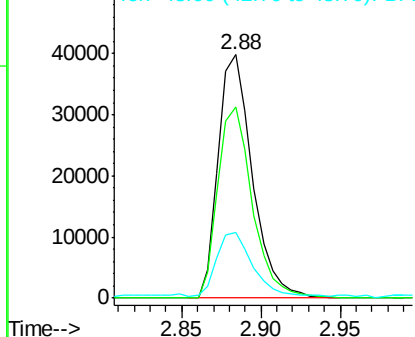
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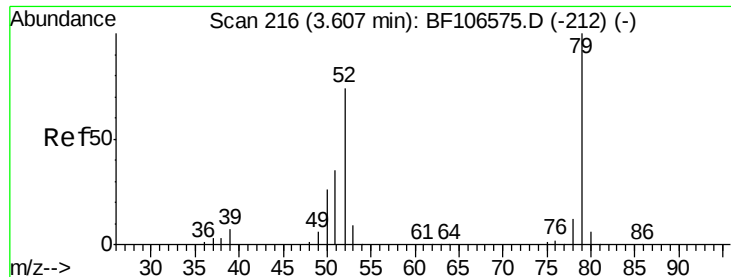
1,4-Dioxane
Concen: 30.942 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion: 88 Resp: 59598
Ion Ratio Lower Upper
88 100
58 79.5 62.6 93.8
43 26.8 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: 33.292 ng

RT: 3.67 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

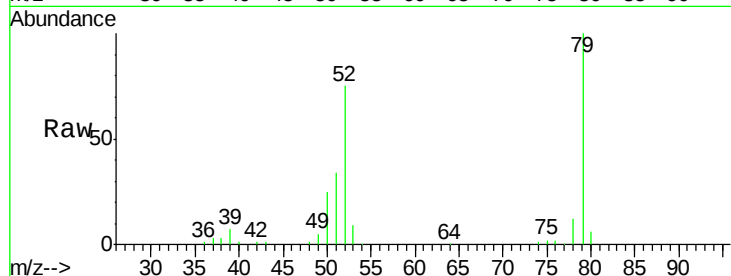
Tgt Ion: 79 Resp: 173905

Ion Ratio Lower Upper

79 100

52 74.6 59.8 89.6

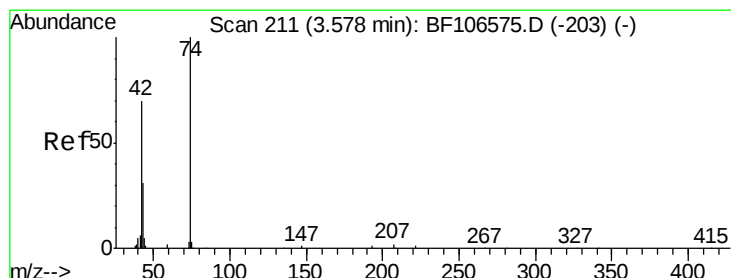
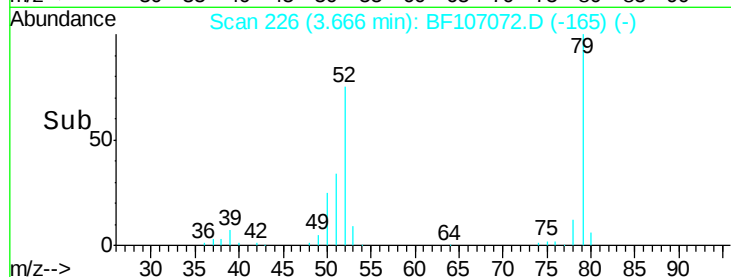
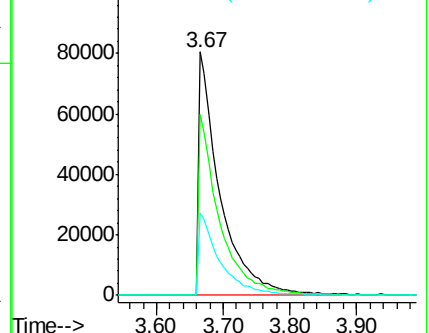
51 33.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.313 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

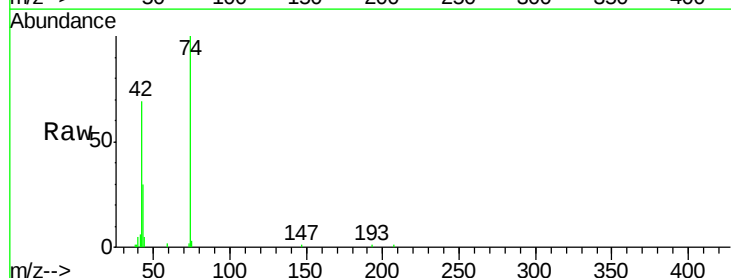
Tgt Ion: 42 Resp: 73908

Ion Ratio Lower Upper

42 100

74 144.3 104.9 157.3

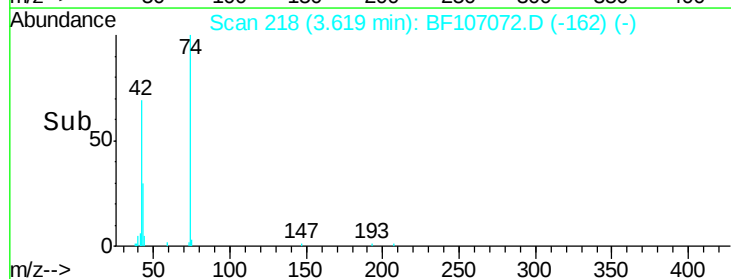
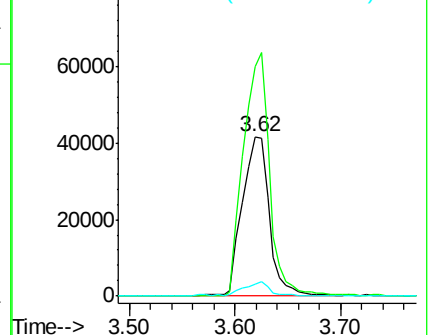
44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.474 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampled :

PB110757BS

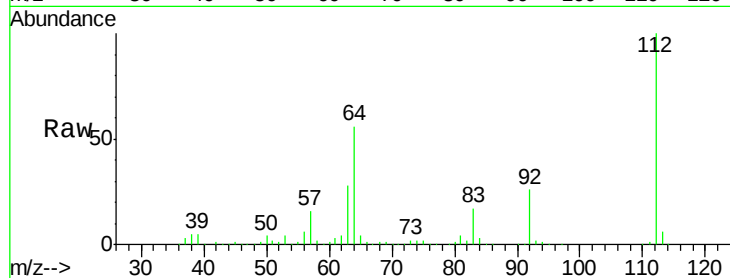
Tgt Ion: 112 Resp: 436361

Ion Ratio Lower Upper

112 100

64 55.8 47.9 71.9

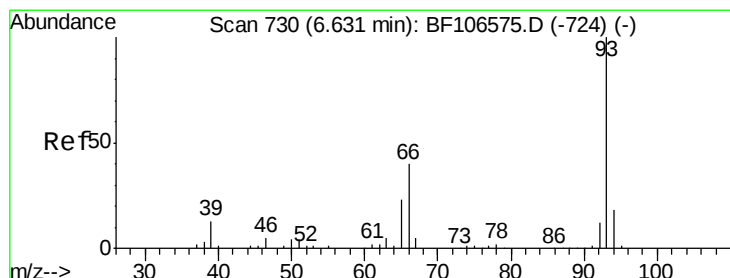
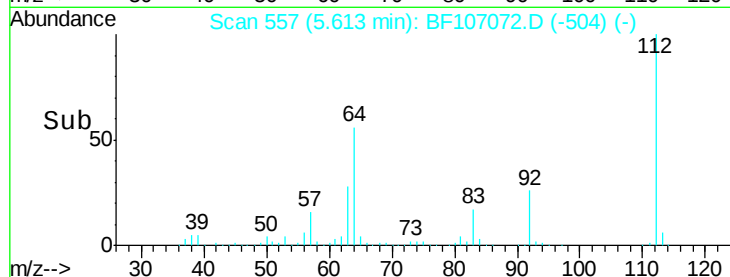
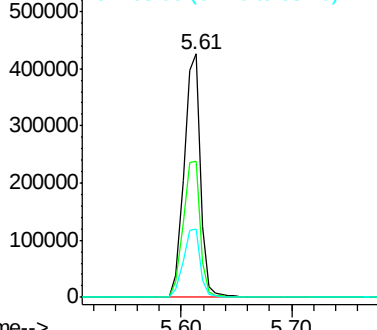
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.588 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

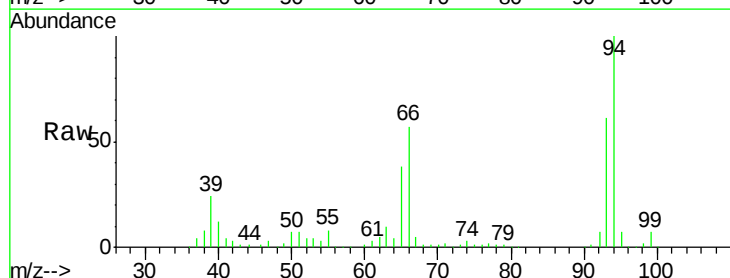
Tgt Ion: 93 Resp: 187777

Ion Ratio Lower Upper

93 100

66 93.7 32.2 48.2#

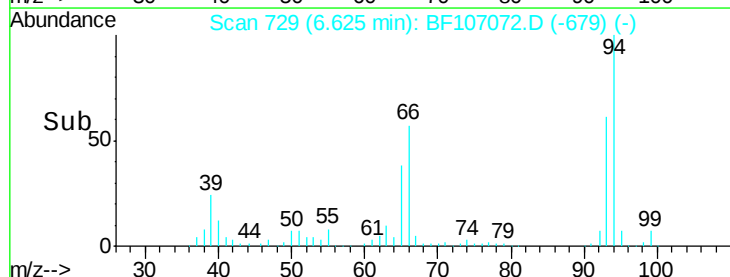
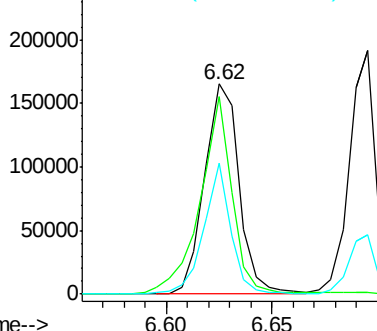
65 62.3 16.4 24.6#



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: 115.810 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

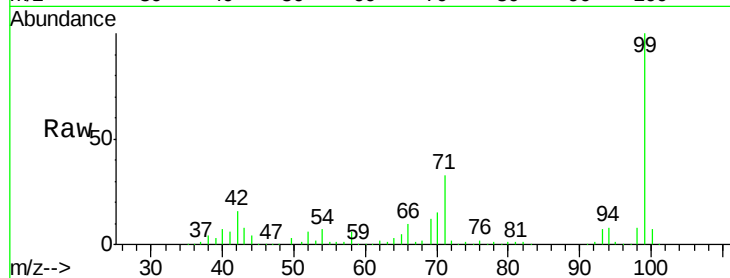
Tgt Ion: 99 Resp: 541827

Ion Ratio Lower Upper

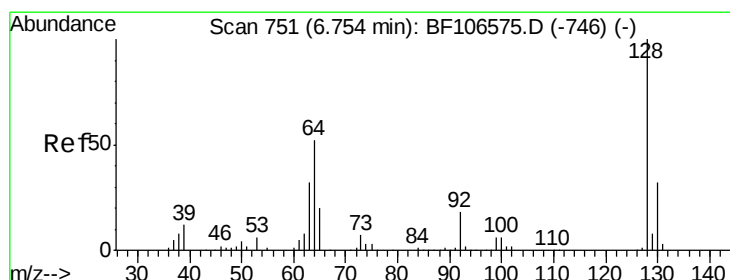
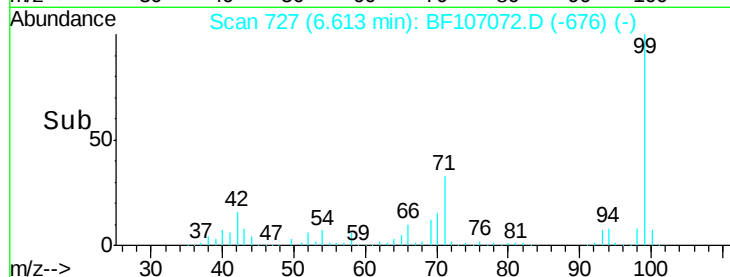
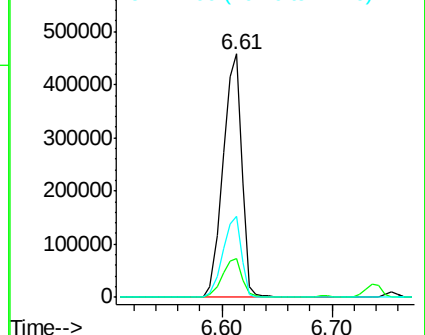
99 100

42 16.0 14.5 21.7

71 33.2 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: 40.801 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

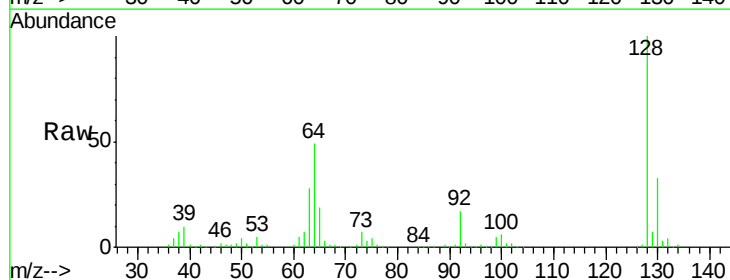
Tgt Ion: 128 Resp: 167656

Ion Ratio Lower Upper

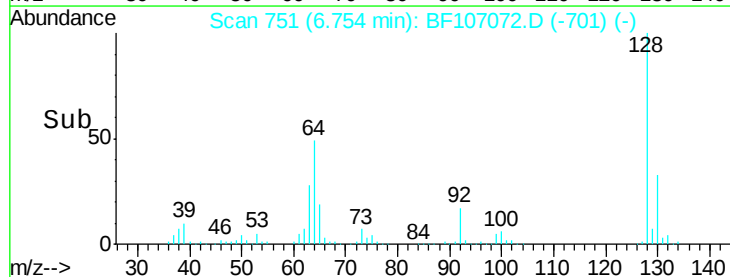
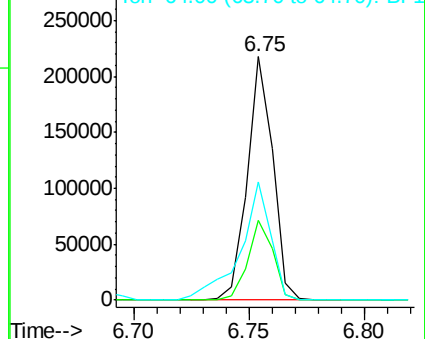
128 100

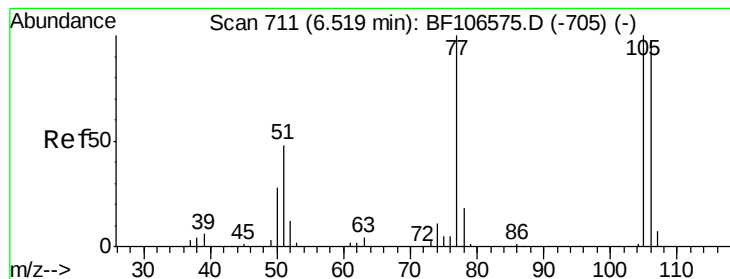
130 32.6 13.0 53.0

64 48.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.678 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

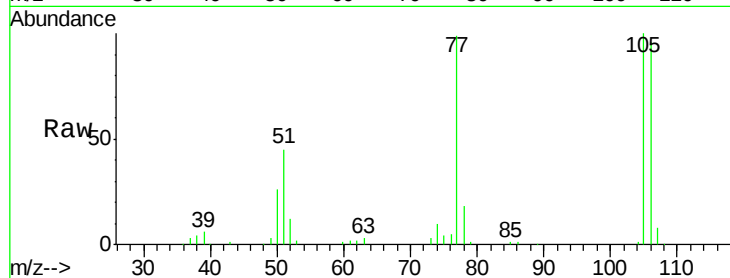
Tgt Ion: 77 Resp: 84282

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

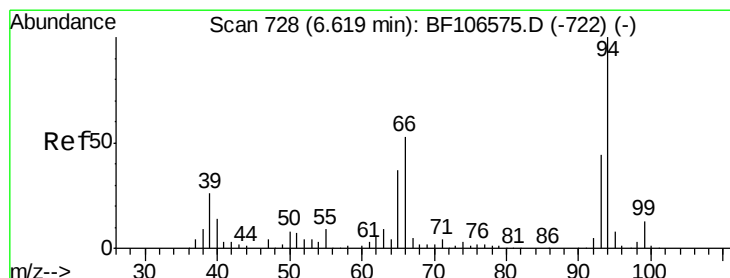
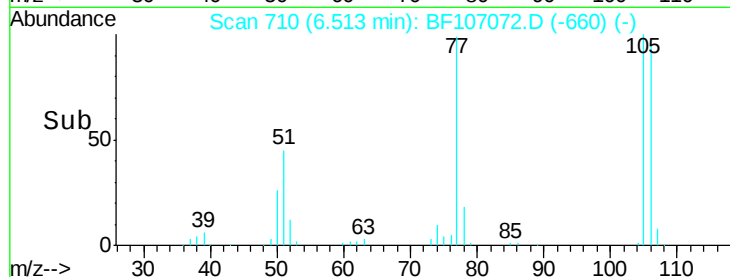
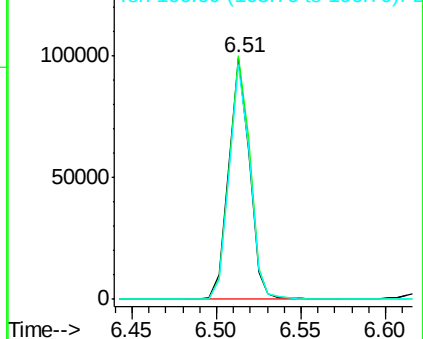
106 97.4 74.5 114.5



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: 37.174 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

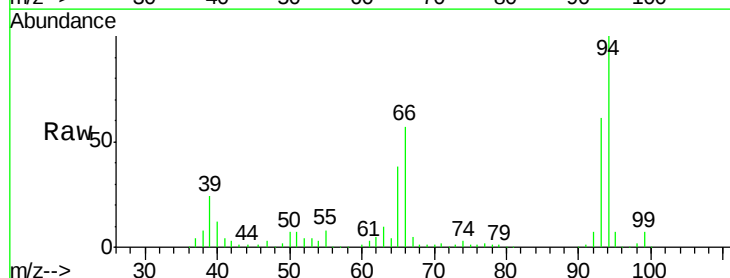
Tgt Ion: 94 Resp: 198486

Ion Ratio Lower Upper

94 100

65 38.0 7.9 47.9

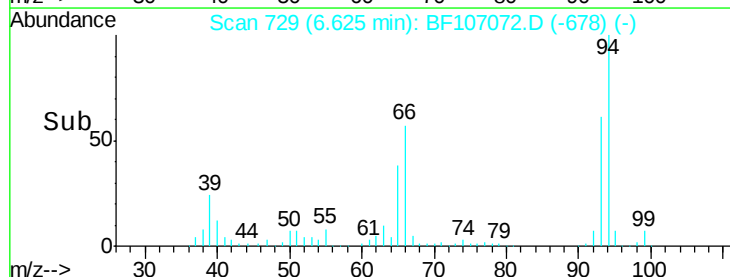
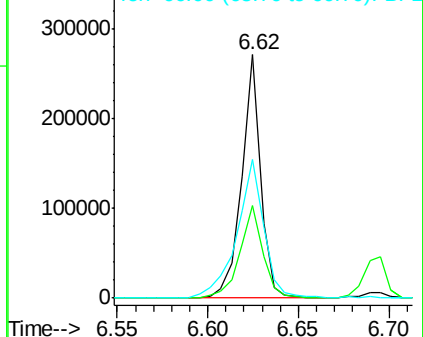
66 57.2 16.2 56.2#



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

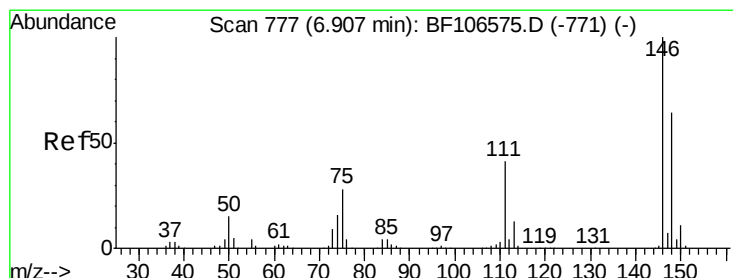
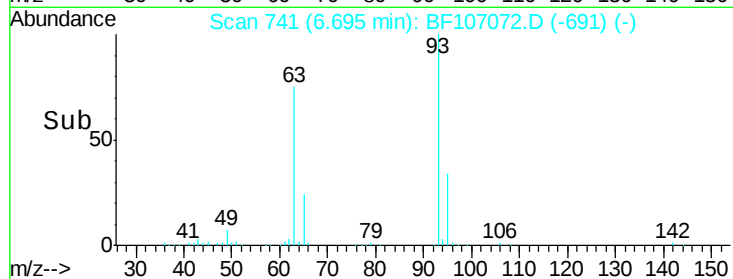
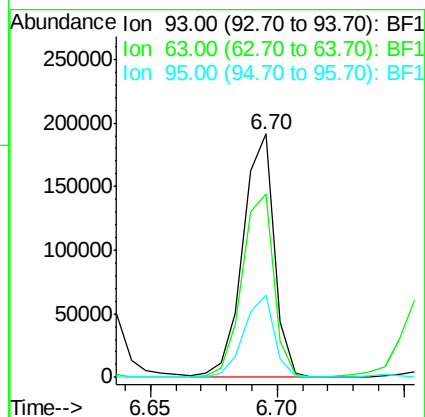
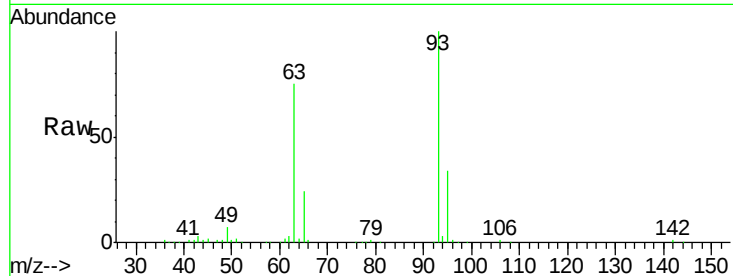




#11
bis(2-Chloroethyl)ether
Concen: 37.094 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

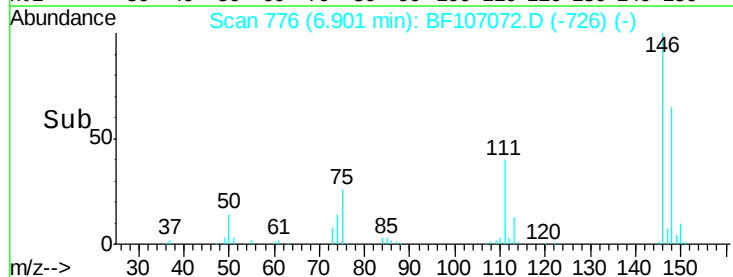
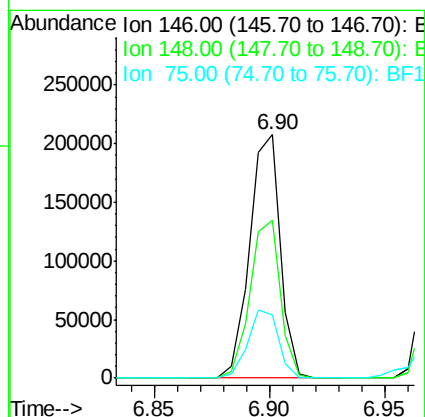
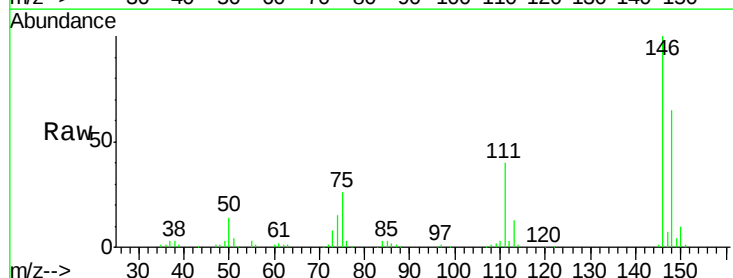
Instrument :
BNA_F
ClientSampleId :
PB110757BS

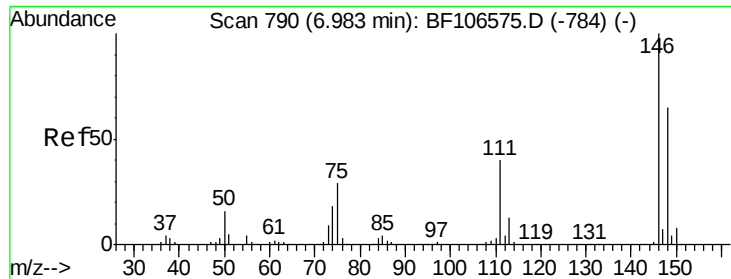
Tgt Ion: 93 Resp: 163505
Ion Ratio Lower Upper
93 100
63 75.2 58.6 98.6
95 33.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.123 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion: 146 Resp: 193100
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 26.0 24.2 36.4

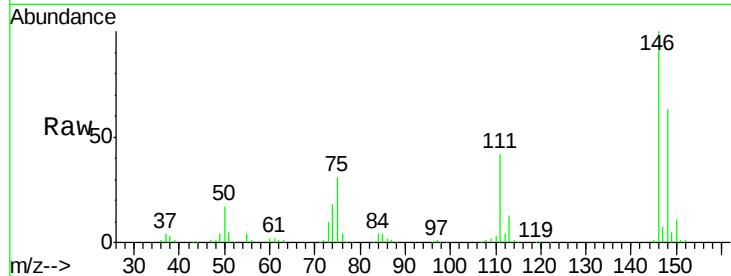




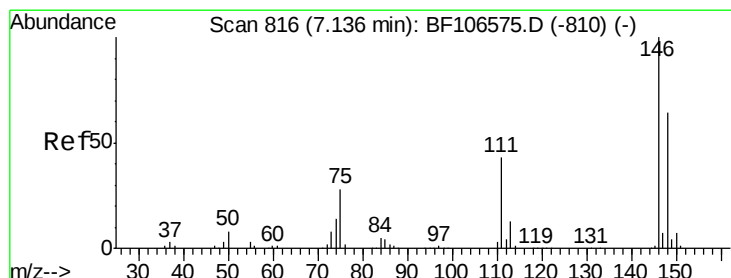
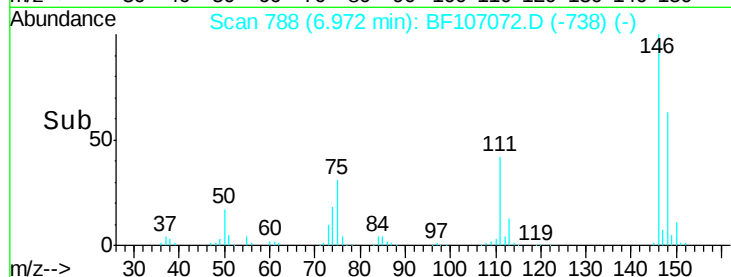
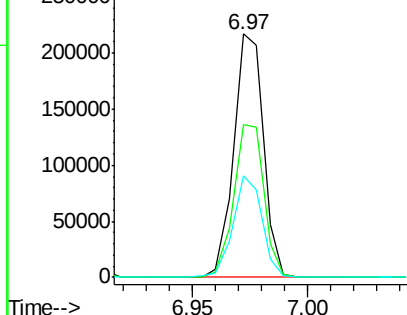
#13
 1,4-Dichlorobenzene
 Concen: 40.174 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion:146 Resp: 195475
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 41.8 34.2 51.2

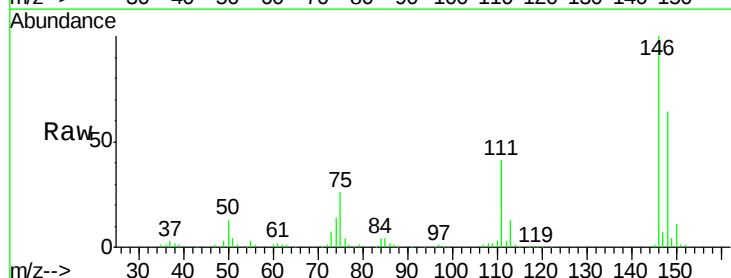


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

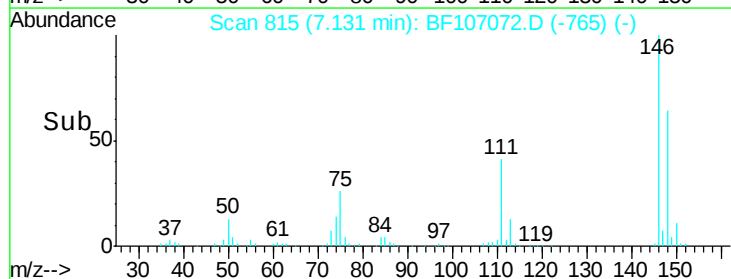
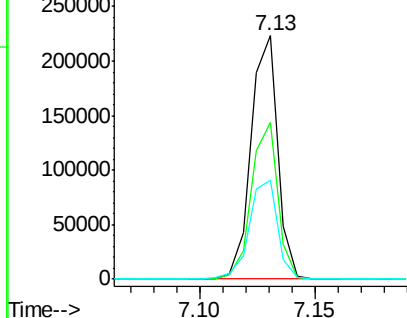


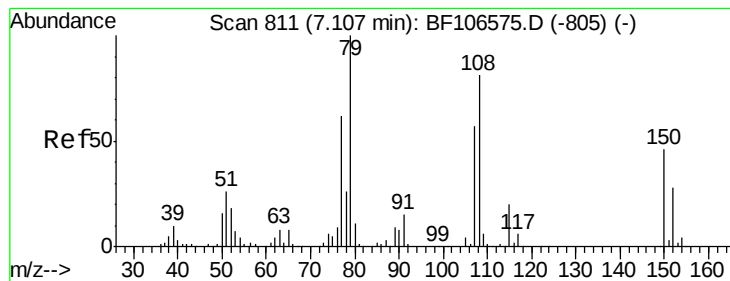
#14
 1,2-Dichlorobenzene
 Concen: 40.644 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:146 Resp: 181242
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 40.9 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: 37.279 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

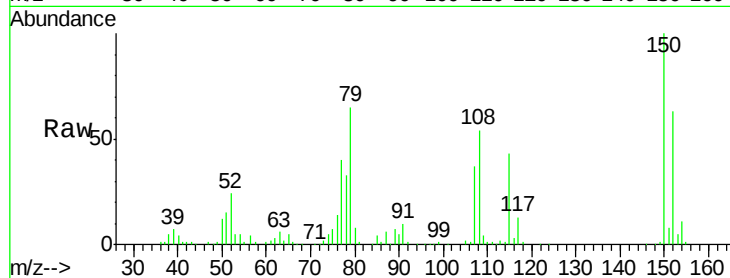
Tgt Ion: 79 Resp: 140046

Ion Ratio Lower Upper

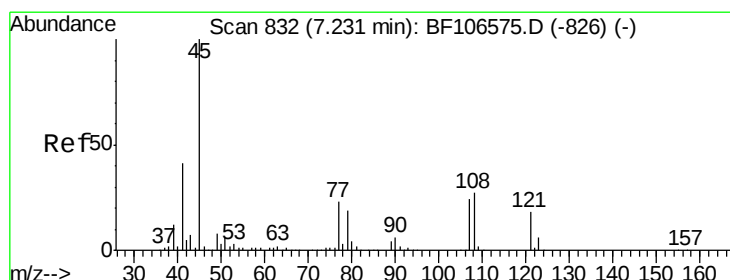
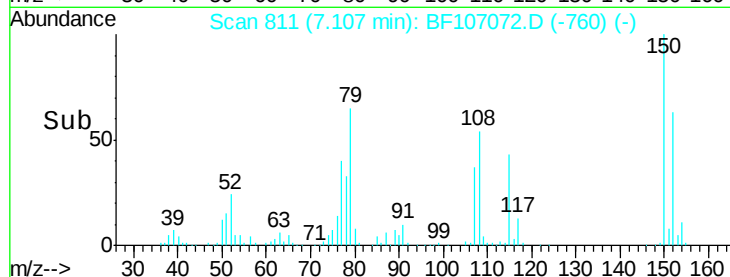
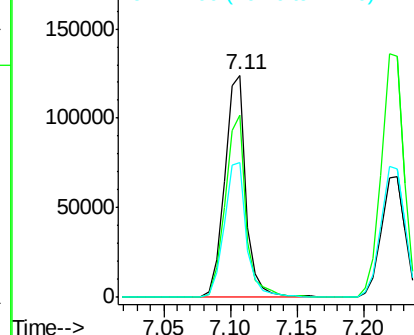
79 100

108 82.2 65.1 97.7

77 60.7 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: 39.006 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

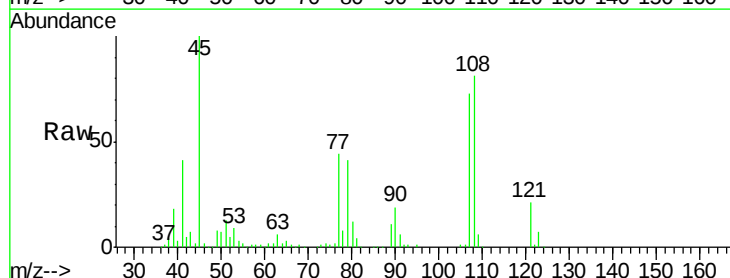
Tgt Ion: 45 Resp: 225588

Ion Ratio Lower Upper

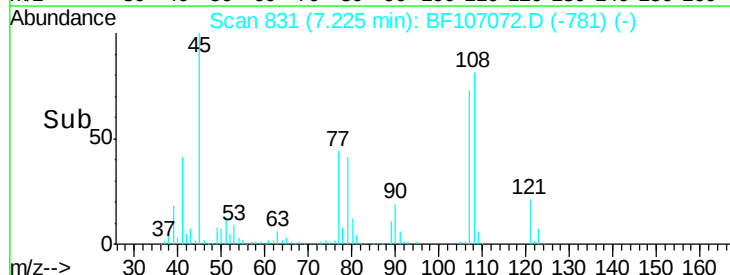
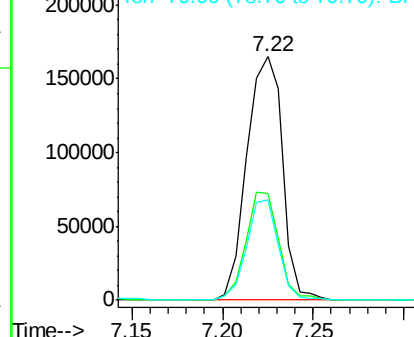
45 100

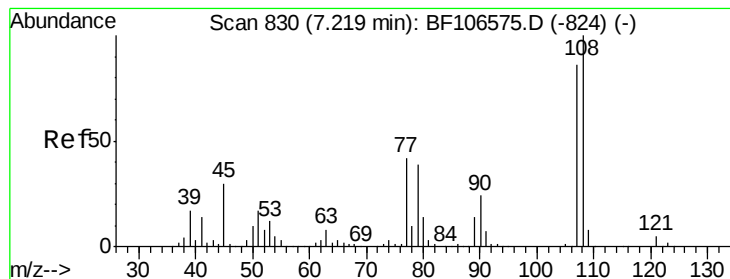
77 43.6 0.0 32.9#

79 40.9 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: 40.063 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

Tgt Ion:107 Resp: 140882

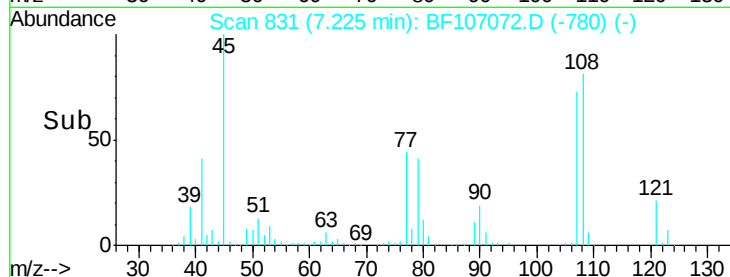
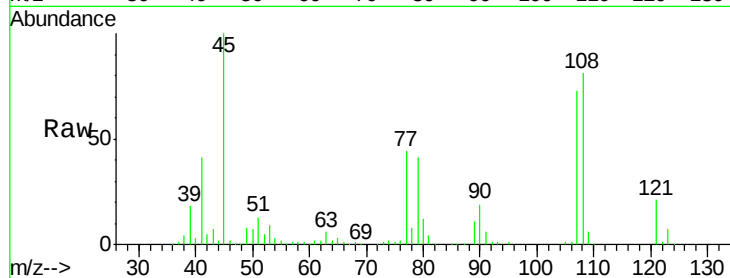
Ion Ratio Lower Upper

107 100

108 111.0 91.7 137.5

77 59.4 33.8 50.8#

79 55.8 33.8 50.8#



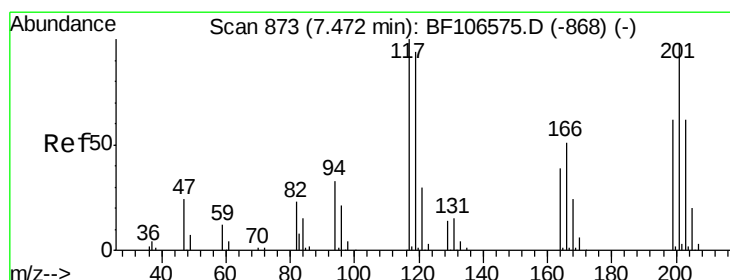
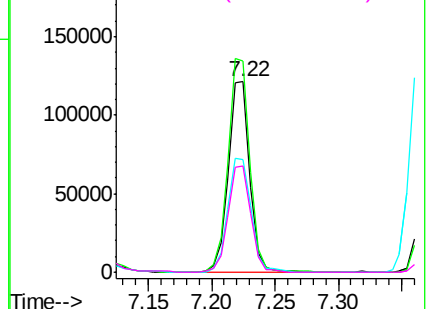
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.850 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

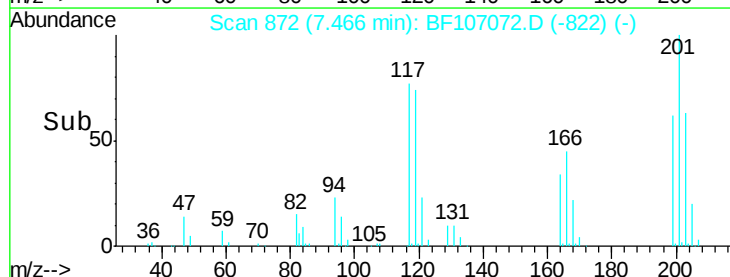
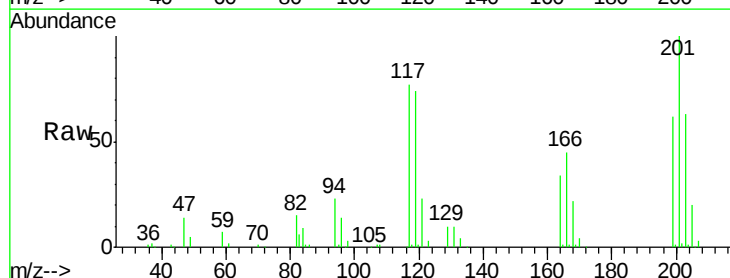
Tgt Ion:117 Resp: 66474

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

201 129.3 75.7 113.5#

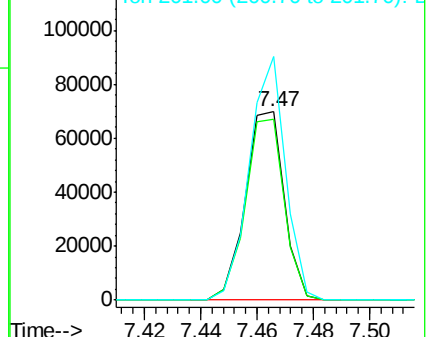


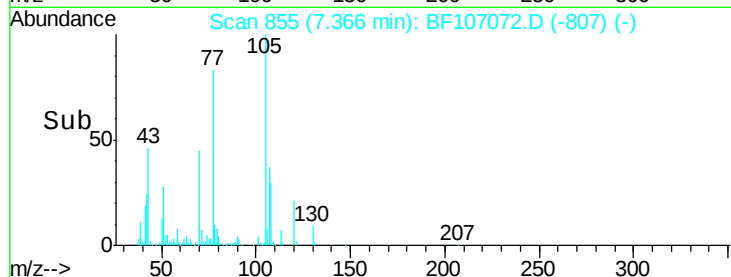
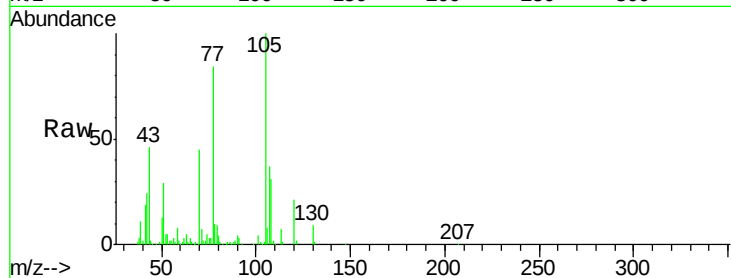
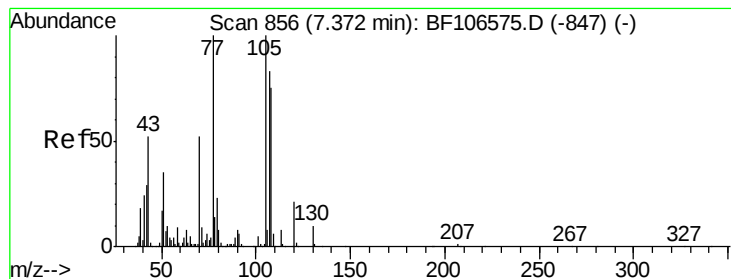
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.632 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

Tgt Ion: 70 Resp: 112973

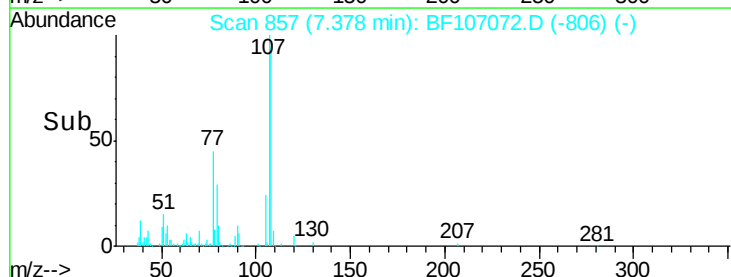
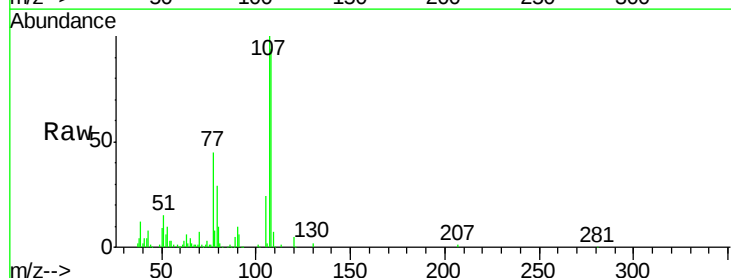
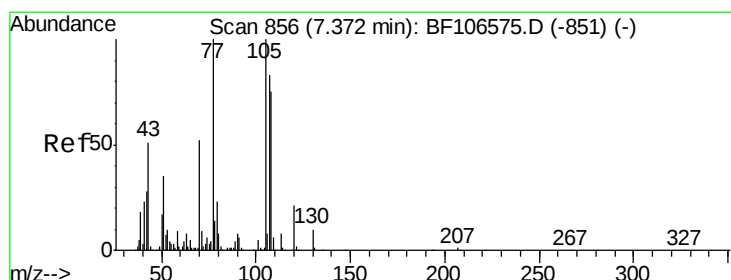
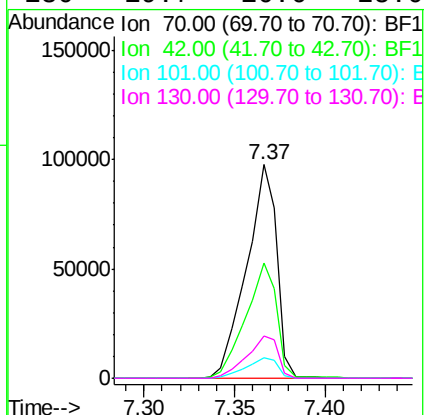
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 9.8 7.4 11.2

130 19.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 48.235 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Tgt Ion: 107 Resp: 179418

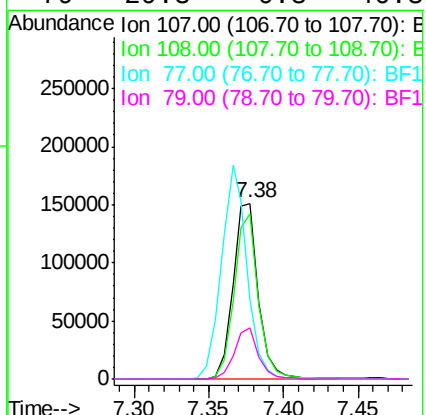
Ion Ratio Lower Upper

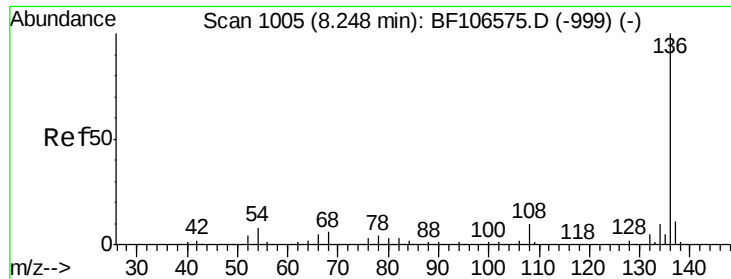
107 100

108 93.8 68.2 108.2

77 45.0 26.7 66.7

79 29.3 6.3 46.3

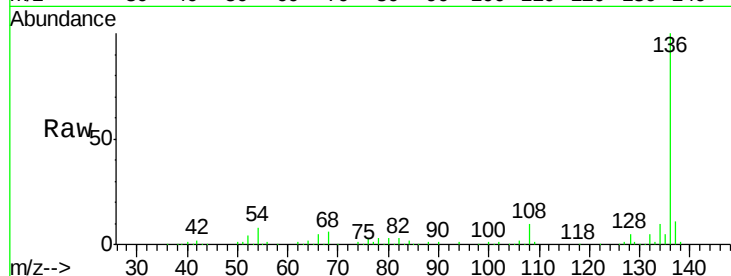




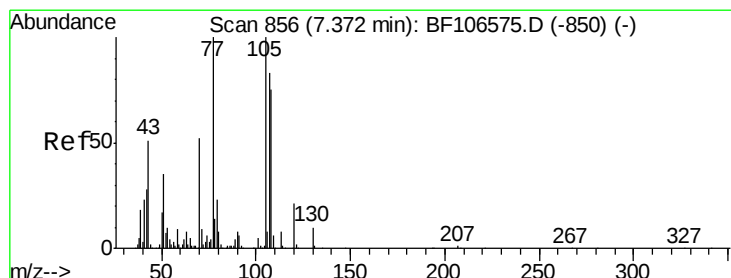
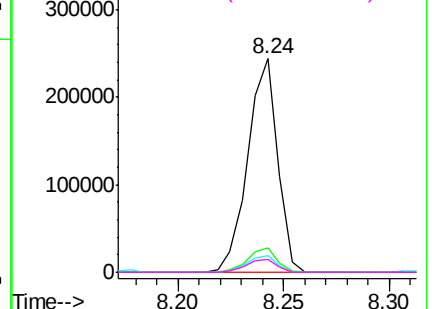
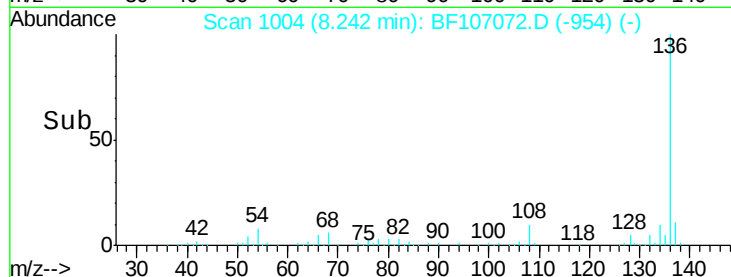
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:	136	Resp:	238920
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4

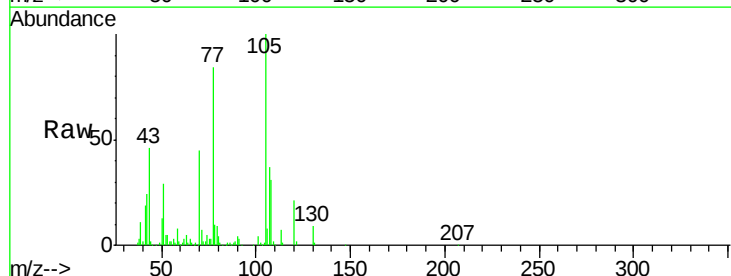


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

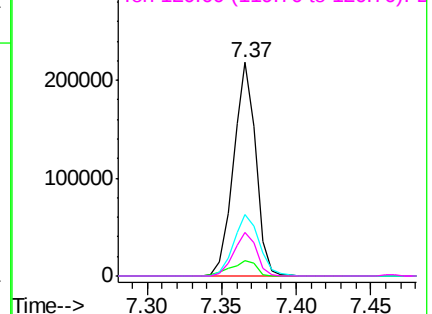
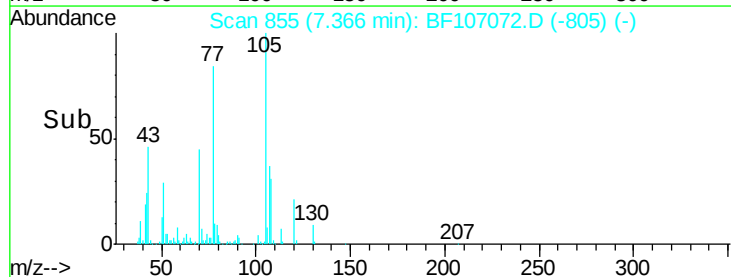


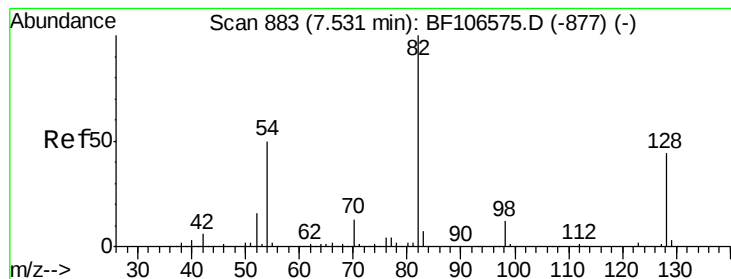
#22
Acetophenone
Concen: 42.963 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:	105	Resp:	229647
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	28.9	22.3	33.5
120	20.6	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.710 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

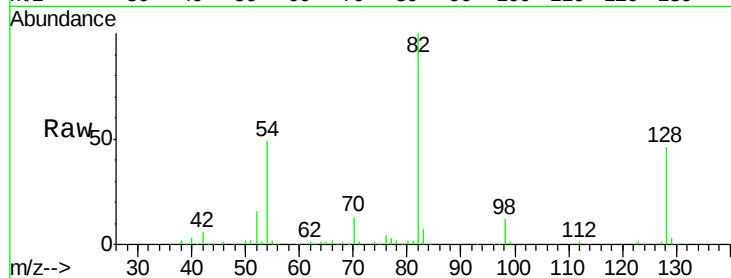
Tgt Ion: 82 Resp: 351285

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

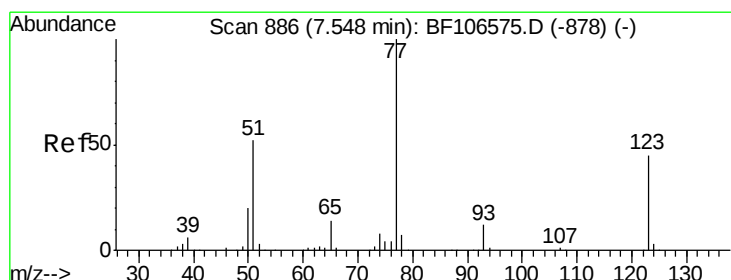
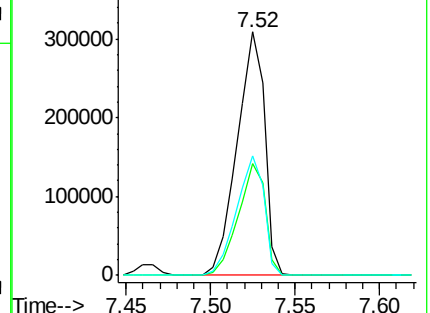
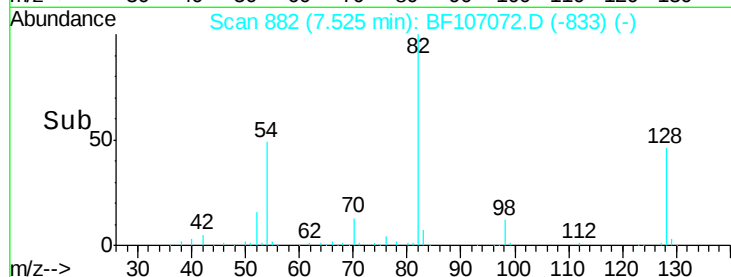
54 49.3 41.4 62.2



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: 40.780 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

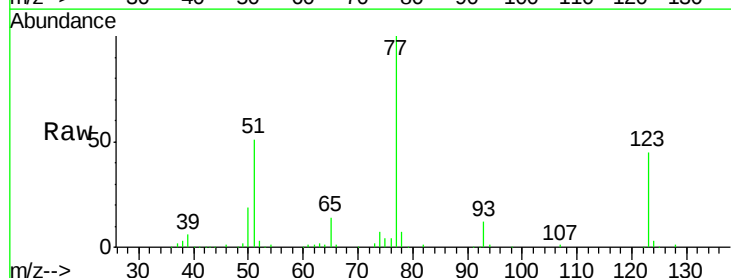
Tgt Ion: 77 Resp: 178995

Ion Ratio Lower Upper

77 100

123 45.1 37.9 56.9

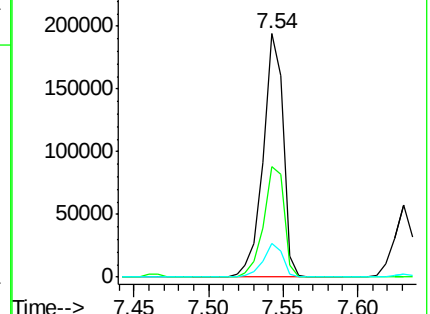
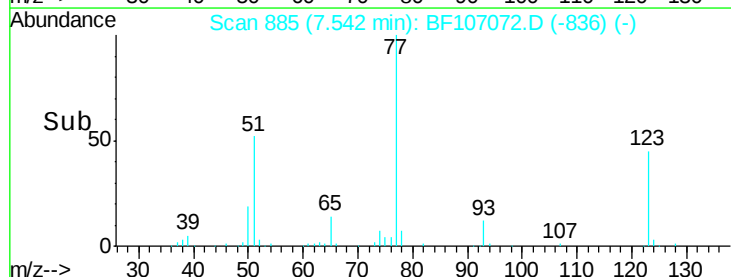
65 13.7 11.0 16.4

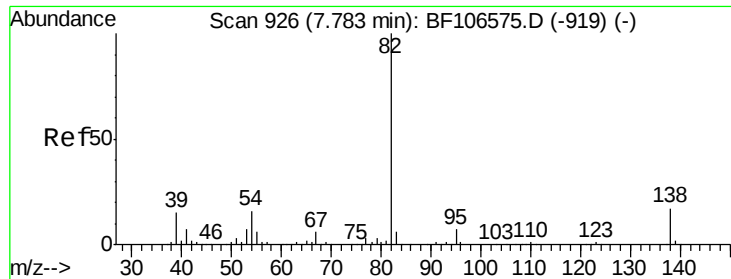


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

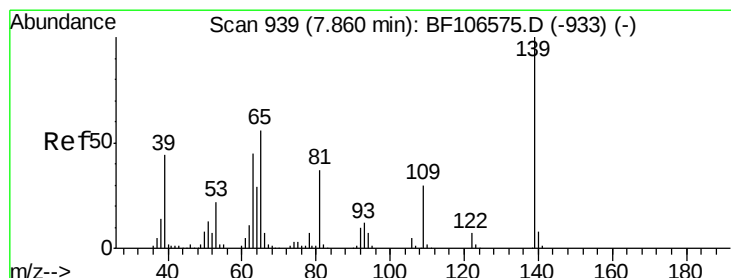
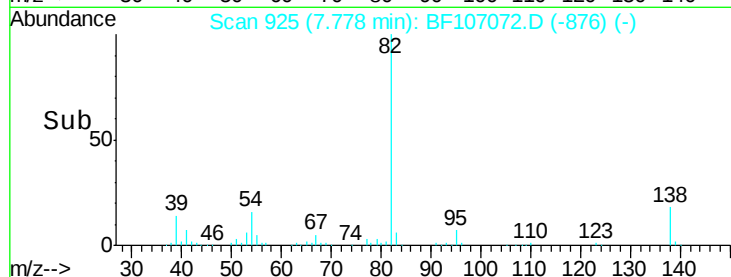
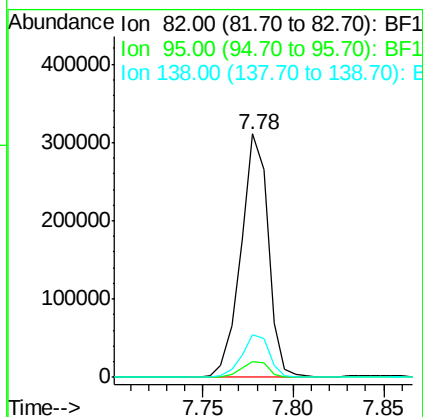
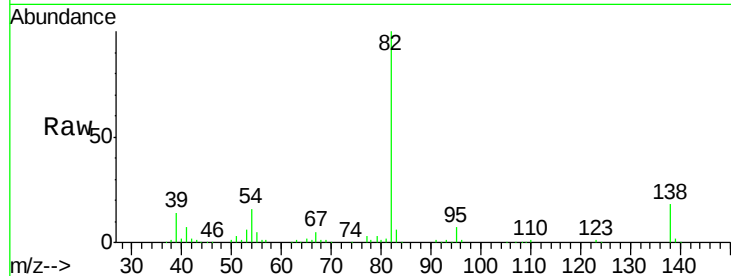




#25
Isophorone
Concen: 42.989 ng
RT: 7.78 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

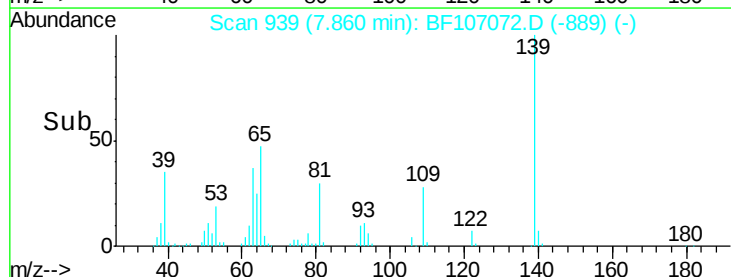
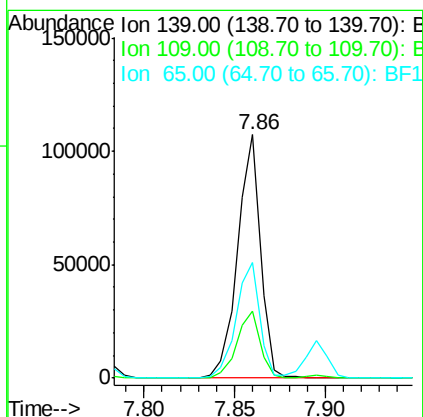
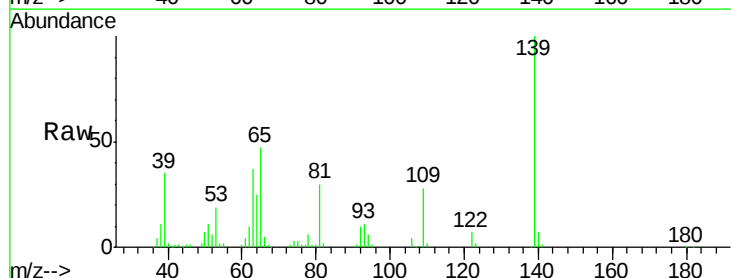
Instrument :
BNA_F
ClientSampleId :
PB110757BS

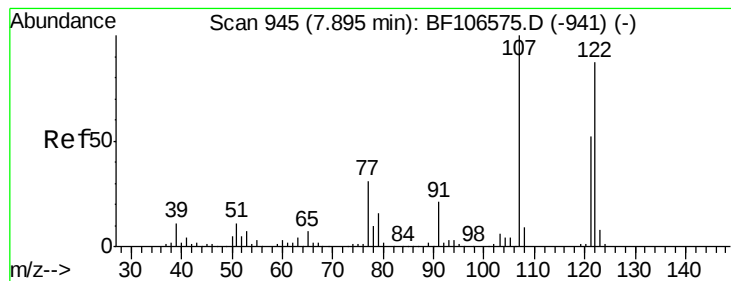
Tgt Ion: 82 Resp: 325678
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 17.5 14.9 22.3



#26
2-Nitrophenol
Concen: 45.531 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion: 139 Resp: 94341
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 47.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.536 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

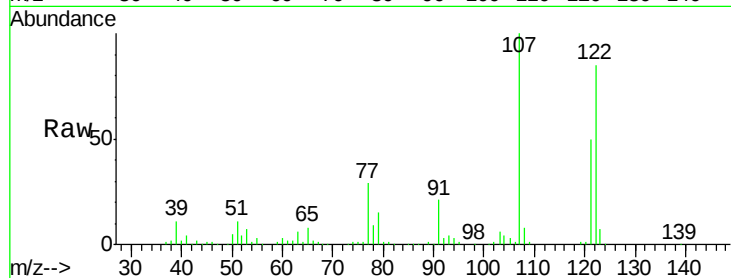
Tgt Ion:122 Resp: 155443

Ion Ratio Lower Upper

122 100

107 117.4 91.2 136.8

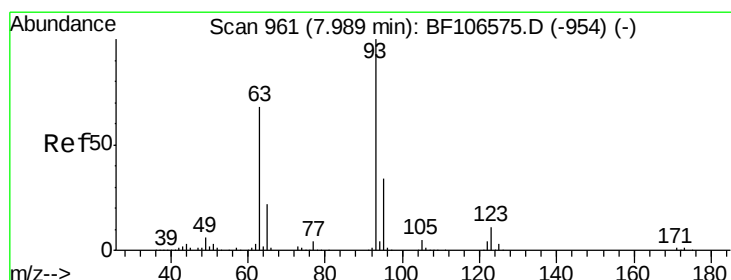
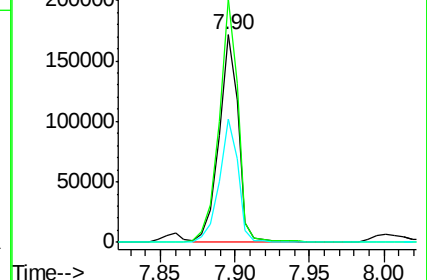
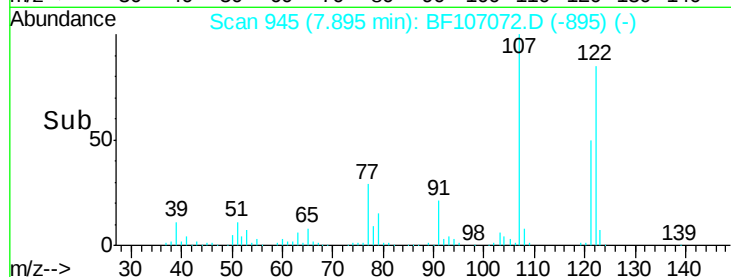
121 59.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.048 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

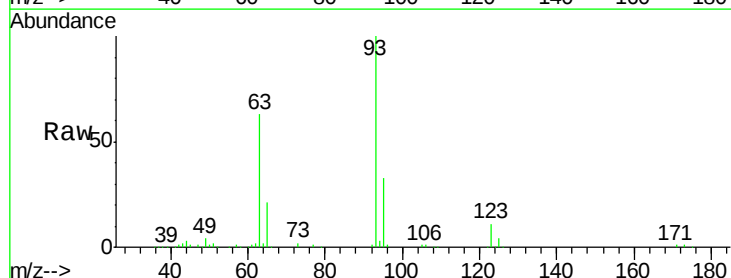
Tgt Ion: 93 Resp: 208791

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

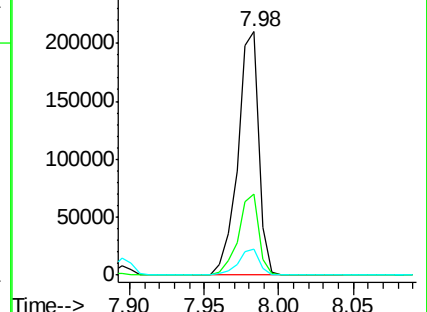
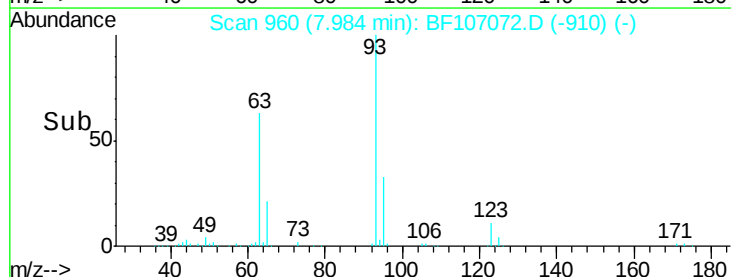
123 10.9 9.8 14.6

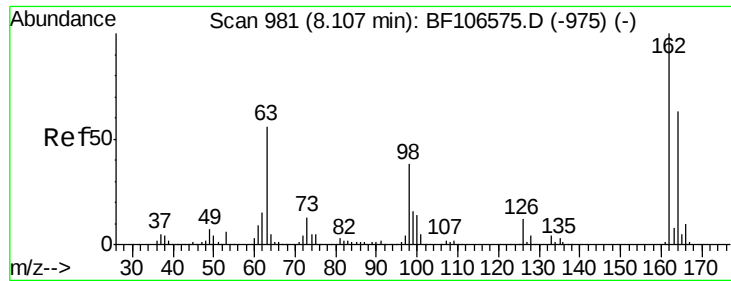


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

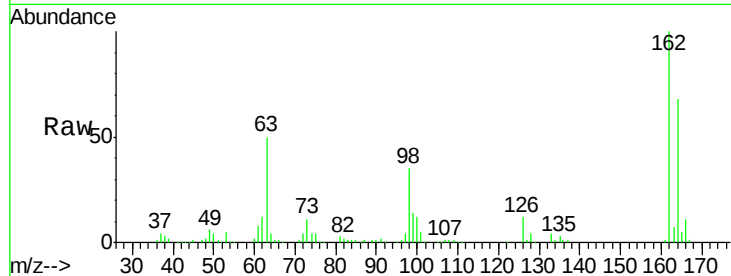




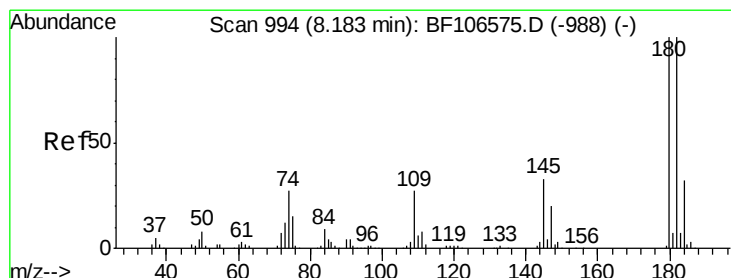
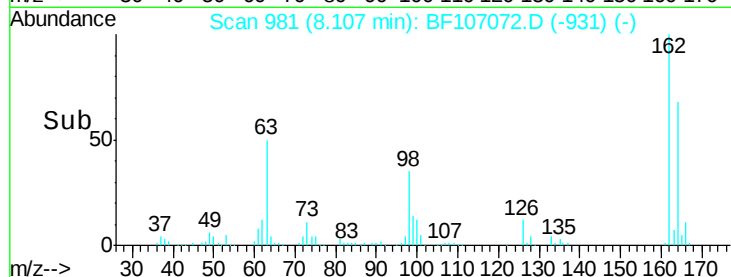
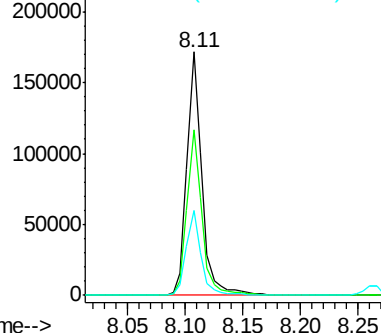
#29
2,4-Dichlorophenol
Concen: 46.370 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:162 Resp: 155476
Ion Ratio Lower Upper
162 100
164 67.9 42.7 82.7
98 34.8 18.1 58.1

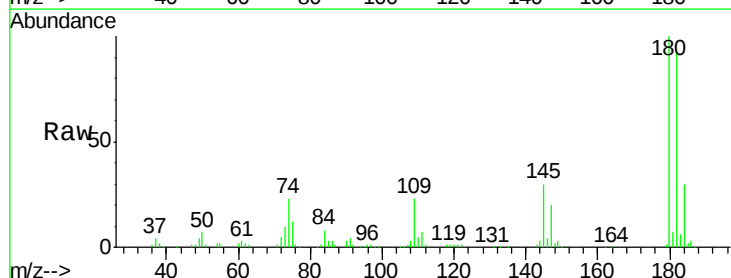


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

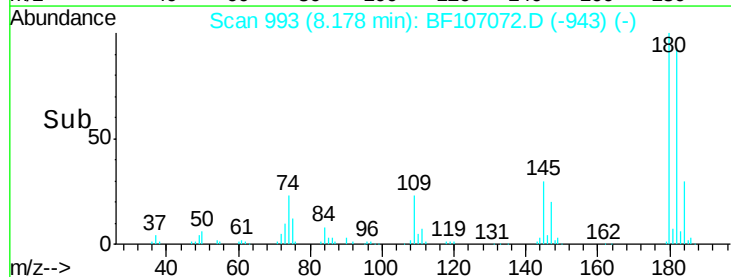
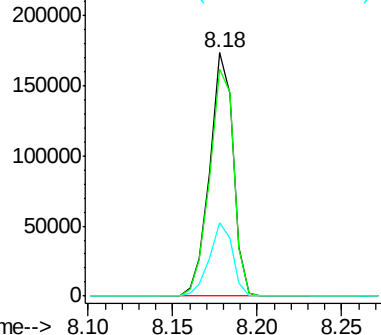


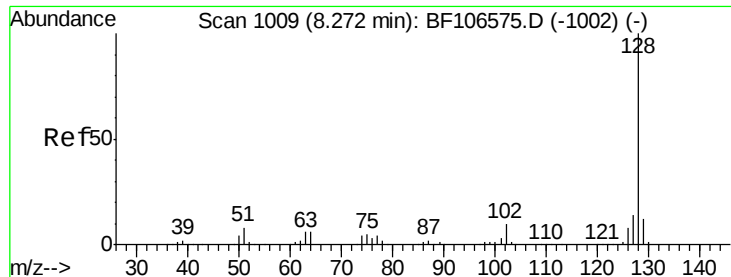
#30
1,2,4-Trichlorobenzene
Concen: 45.567 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:180 Resp: 168312
Ion Ratio Lower Upper
180 100
182 93.4 76.8 115.2
145 30.2 26.5 39.7



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

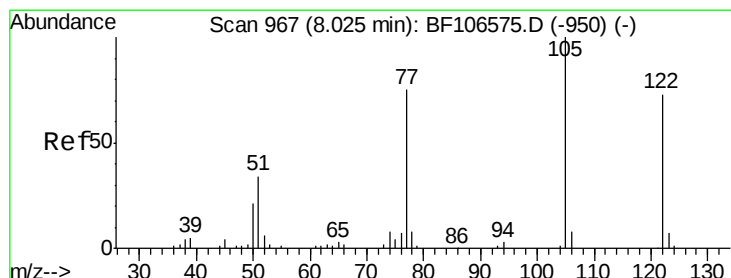
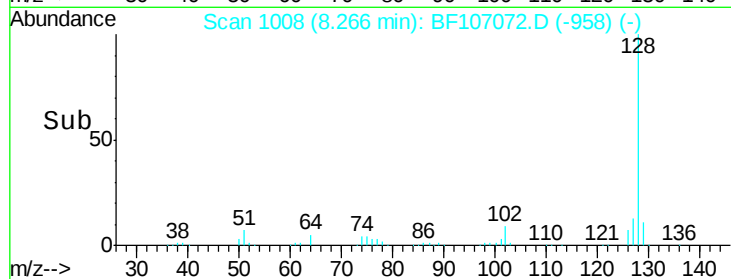
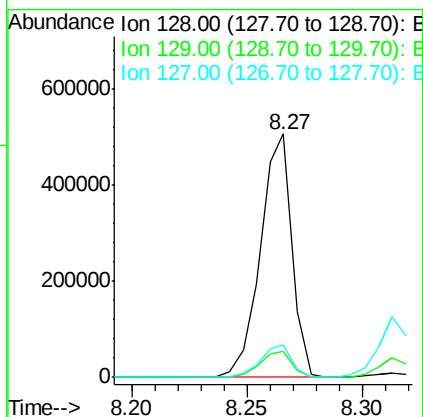
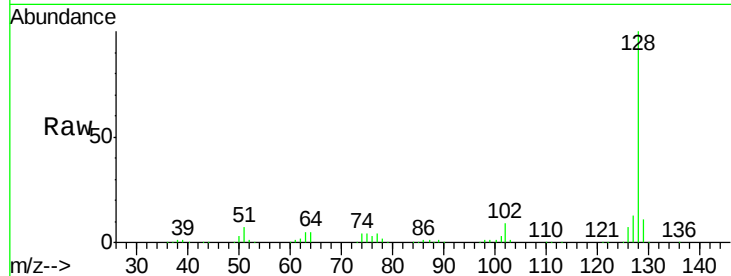




#31
Naphthalene
Concen: 43.077 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

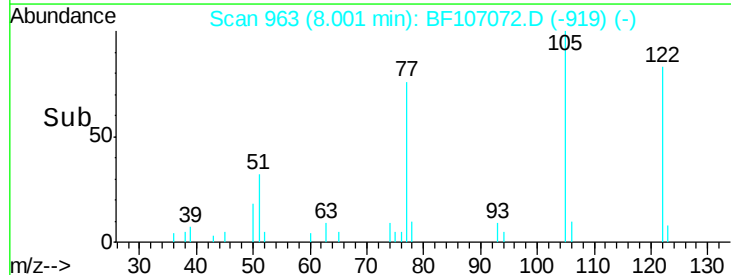
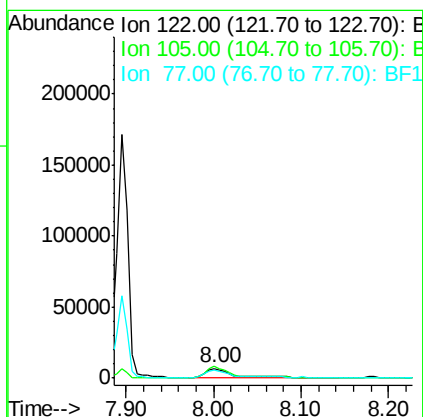
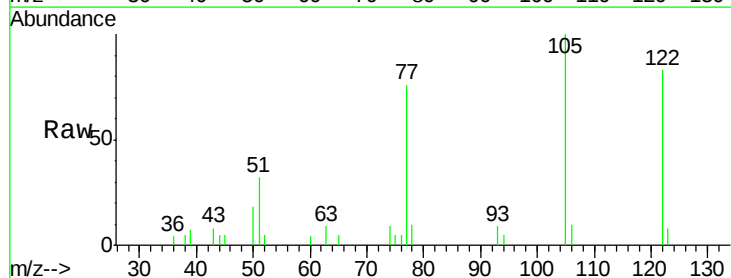
Instrument :
BNA_F
ClientSampleId :
PB110757BS

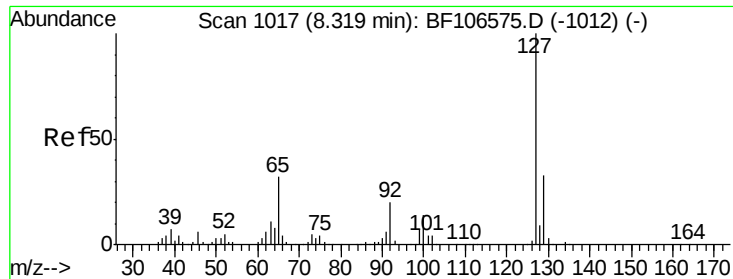
Tgt Ion:128 Resp: 481175
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 11.824 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:122 Resp: 16118
Ion Ratio Lower Upper
122 100
105 119.8 101.1 141.1
77 90.6 70.7 110.7

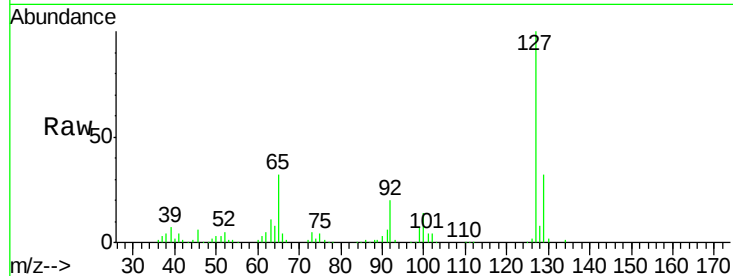




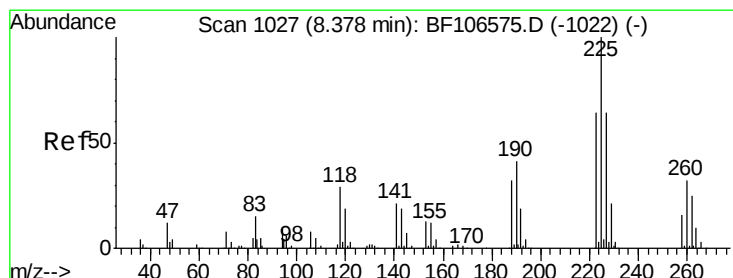
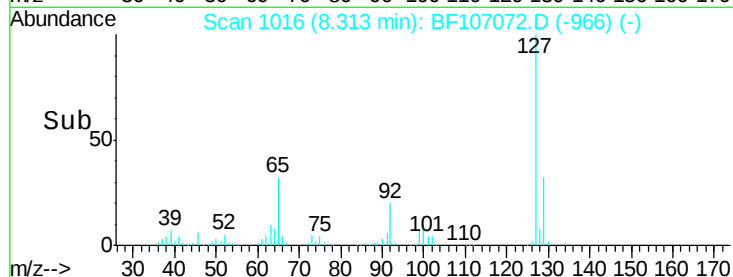
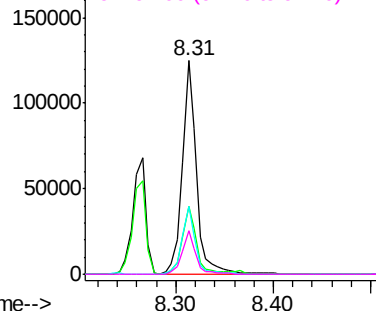
#33
4-Chloroaniline
Concen: 26.933 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:	127	Resp:	126234
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.0	25.0	37.4
92	20.2	15.2	22.8

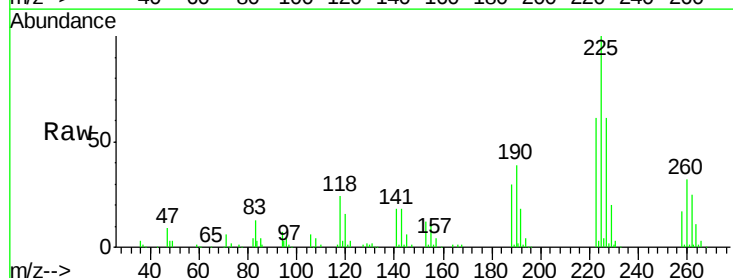


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

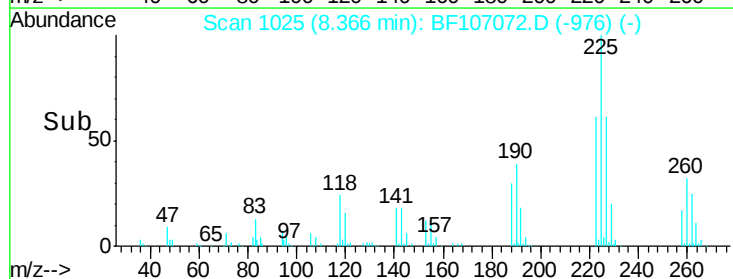
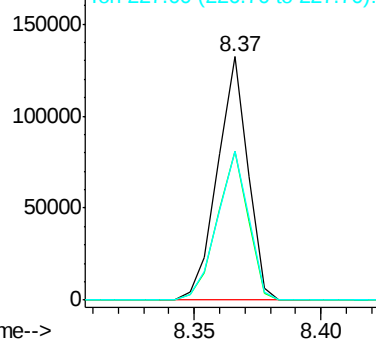


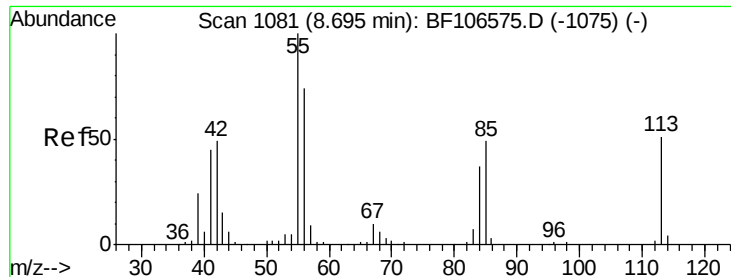
#34
Hexachlorobutadiene
Concen: 45.979 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:	225	Resp:	110663
Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	61.0	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

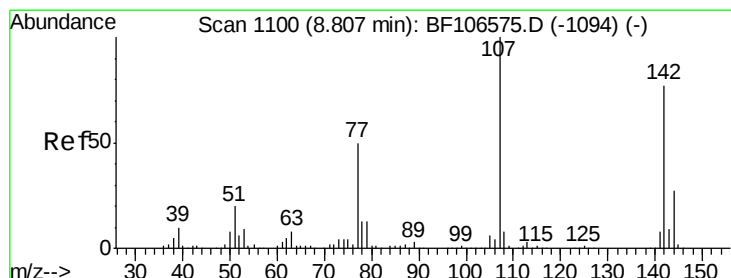
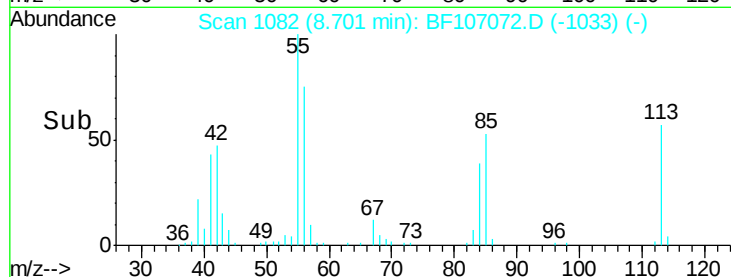
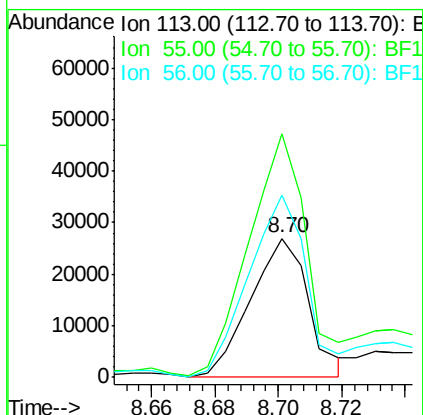
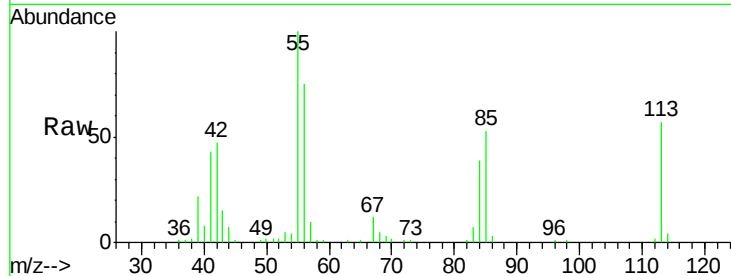




#35
 Caprolactam
 Concen: 31.370 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

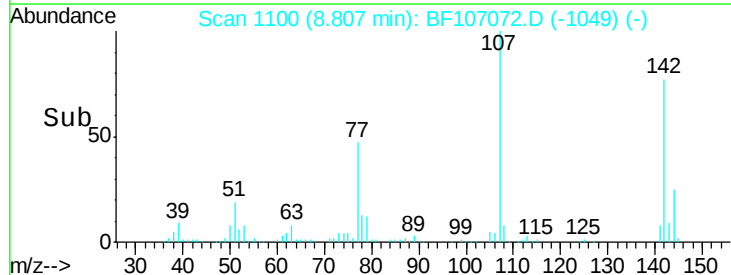
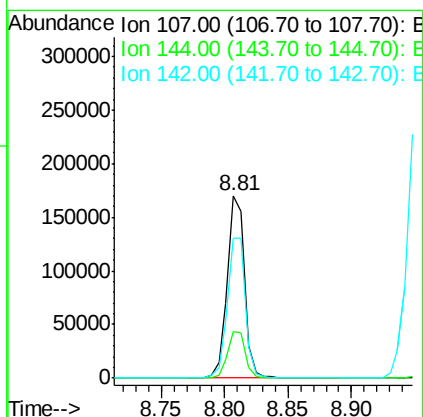
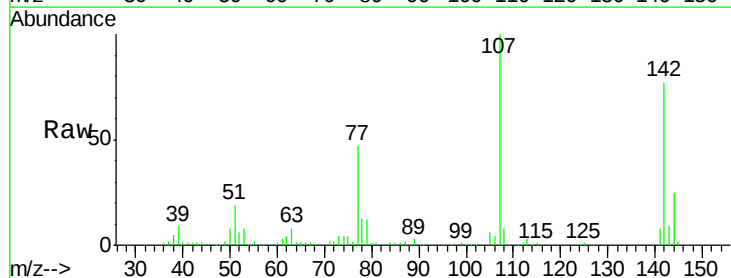
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

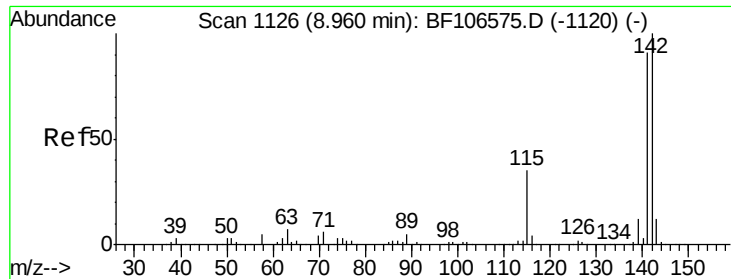
Tgt Ion:113 Resp: 34286
 Ion Ratio Lower Upper
 113 100
 55 174.9 163.3 203.3
 56 131.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.538 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:107 Resp: 160713
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 76.6 62.0 93.0

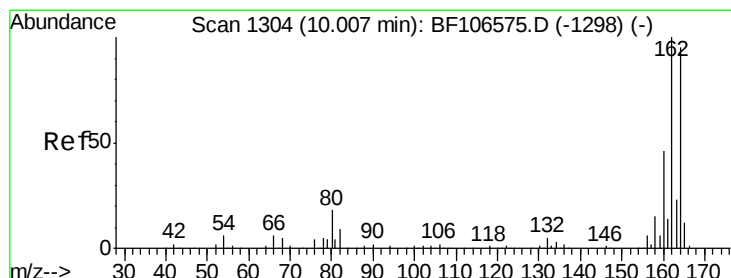
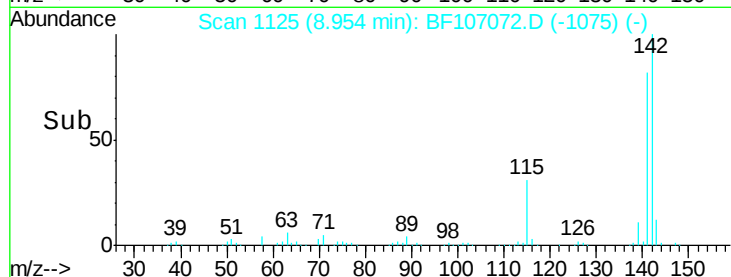
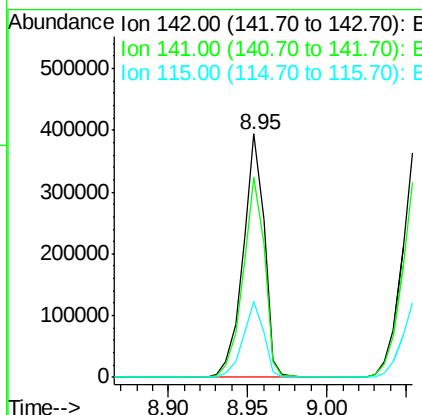
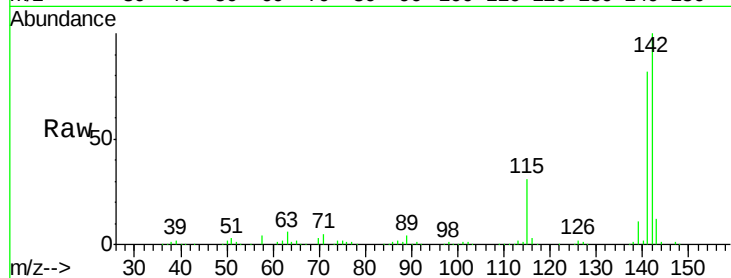




#37
2-Methylnaphthalene
Concen: 49.050 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

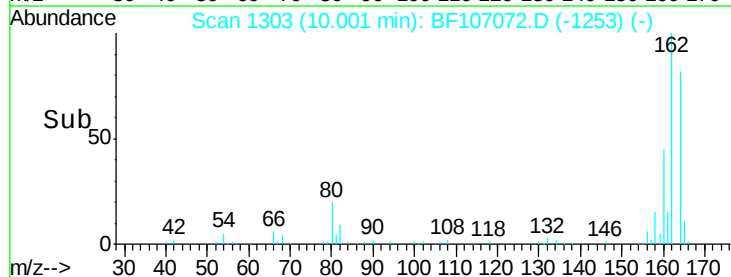
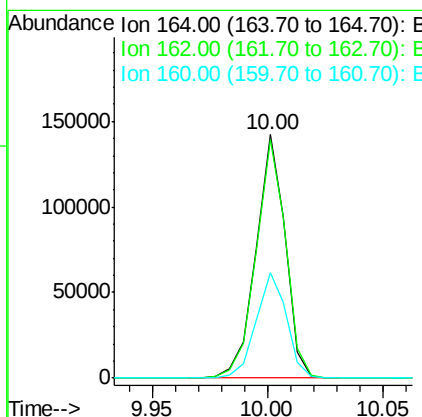
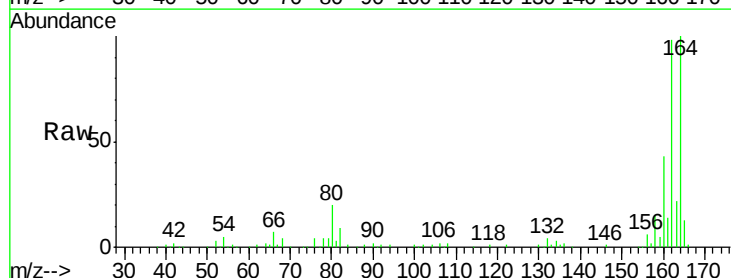
Instrument :
BNA_F
ClientSampleId :
PB110757BS

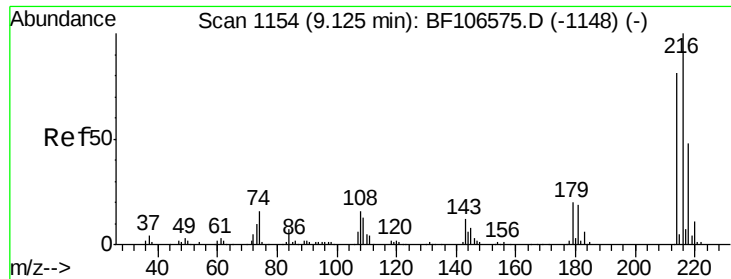
Tgt Ion:142 Resp: 363161
Ion Ratio Lower Upper
142 100
141 82.1 70.8 106.2
115 31.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:164 Resp: 125919
Ion Ratio Lower Upper
164 100
162 97.9 86.1 129.1
160 43.4 38.3 57.5

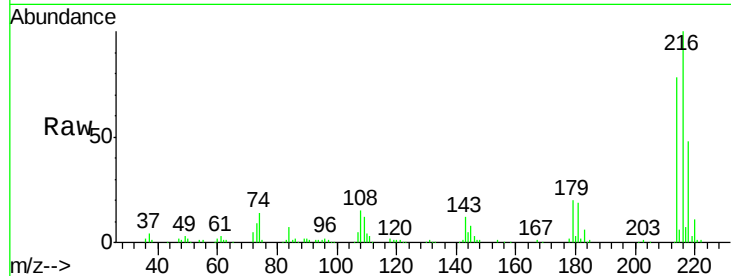




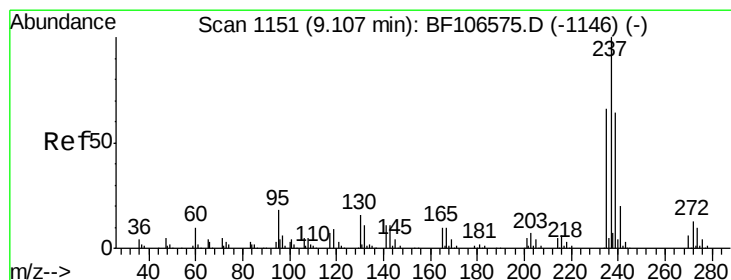
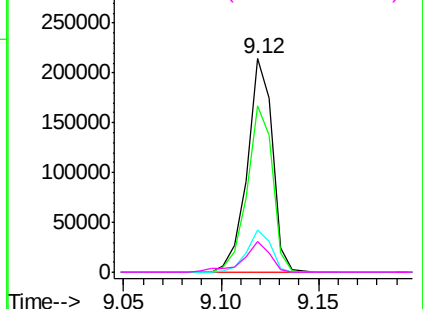
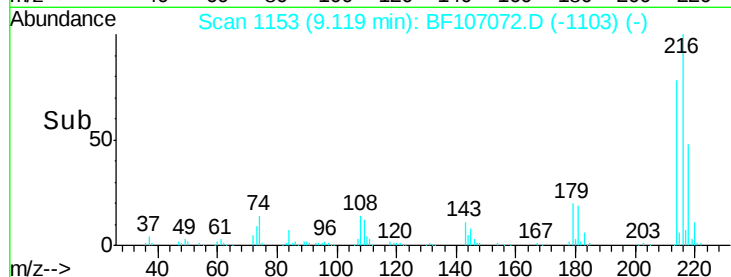
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.078 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.1	18.1	27.1
108	15.9	17.2	25.8

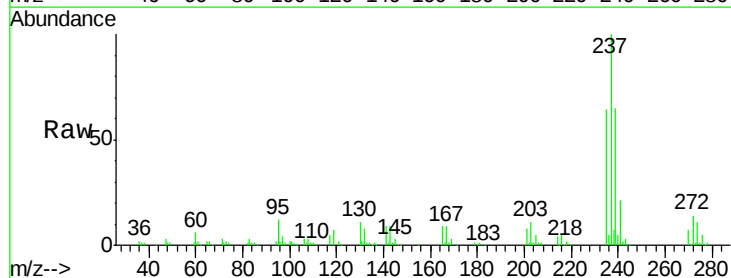


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

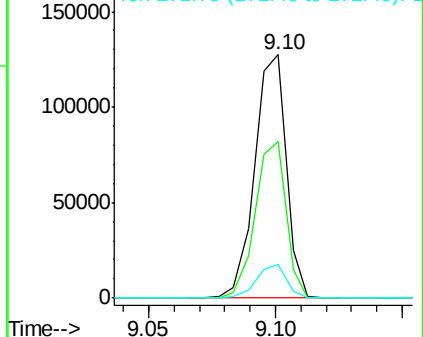
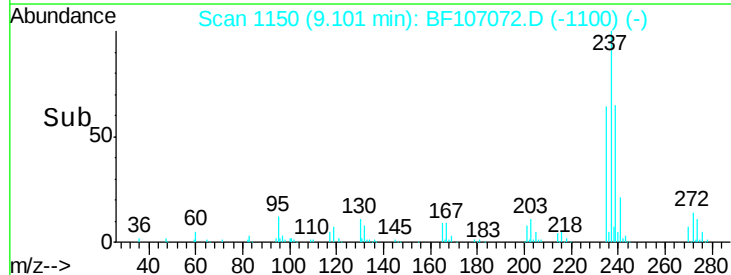


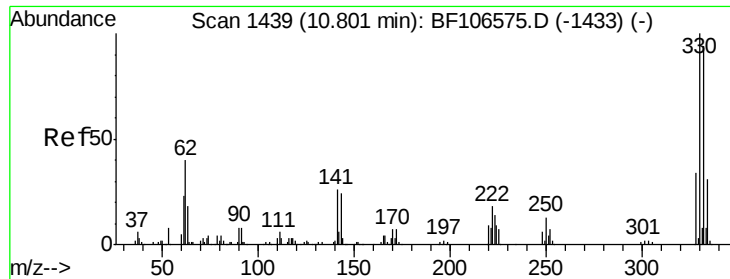
#40
 Hexachlorocyclopentadiene
 Concen: 50.914 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.9	0.0	33.3



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

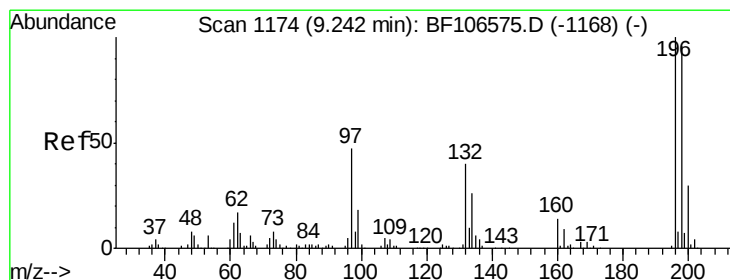
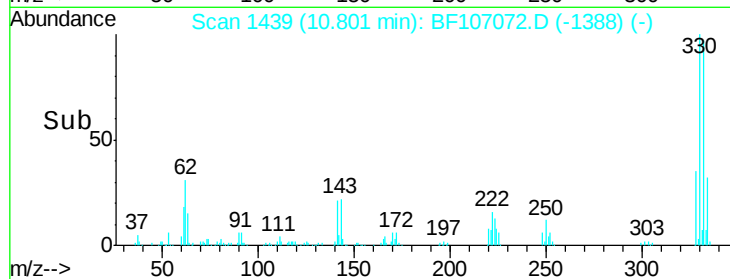
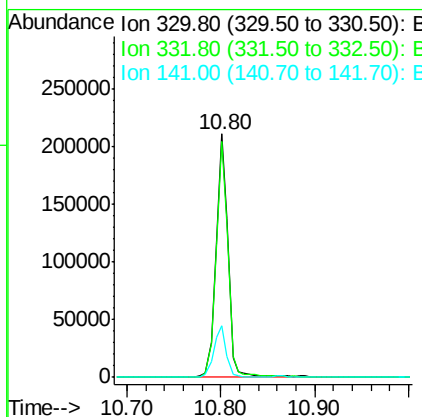
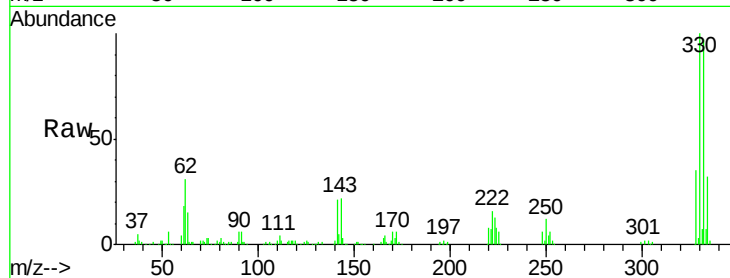




#41
 2,4,6-Tribromophenol
 Concen: 132.647 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

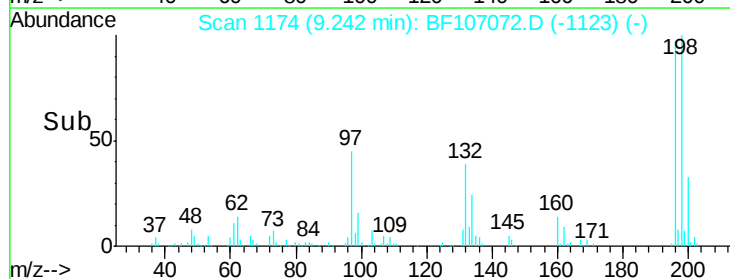
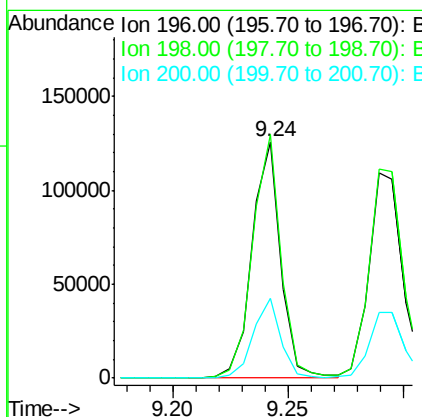
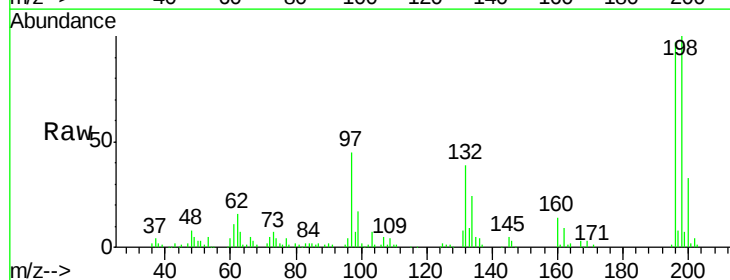
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion:330 Resp: 193590
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 21.8 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 38.951 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:196 Resp: 109794
 Ion Ratio Lower Upper
 196 100
 198 103.0 75.7 113.5
 200 33.9 24.5 36.7

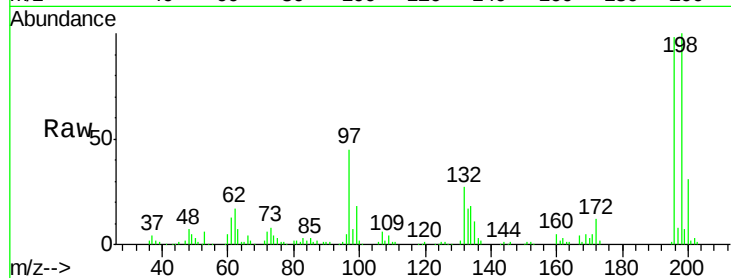




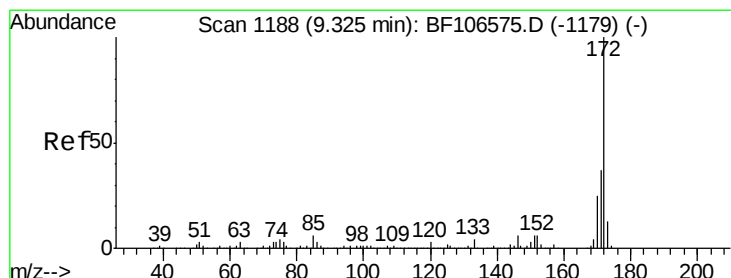
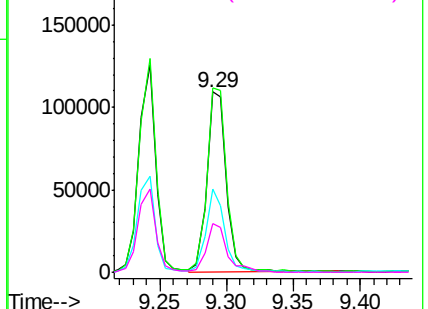
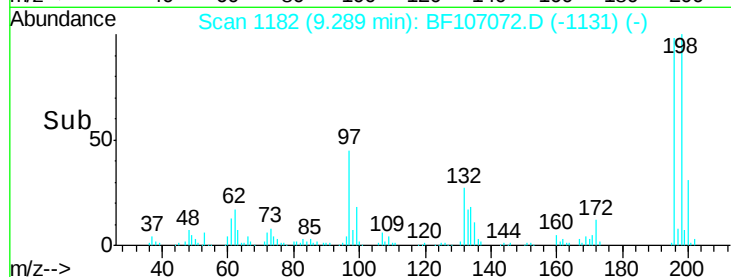
#43
 2,4,5-Trichlorophenol
 Concen: 37.935 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion	Resp	Lower	Upper
196	111579		
196	100		
198	102.1	74.6	112.0
97	46.0	42.9	64.3
132	27.3	26.3	39.5

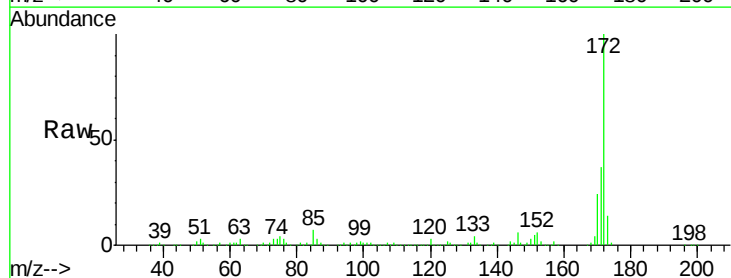


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

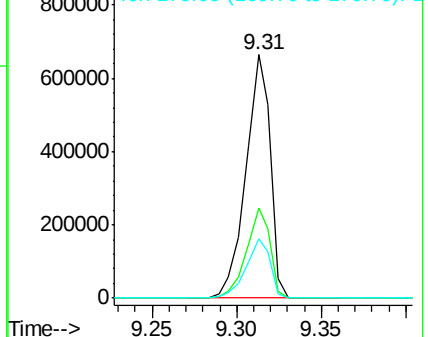
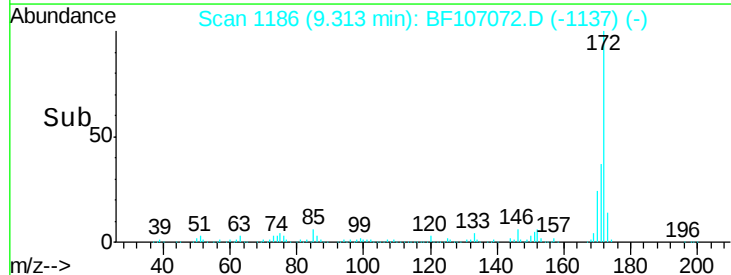


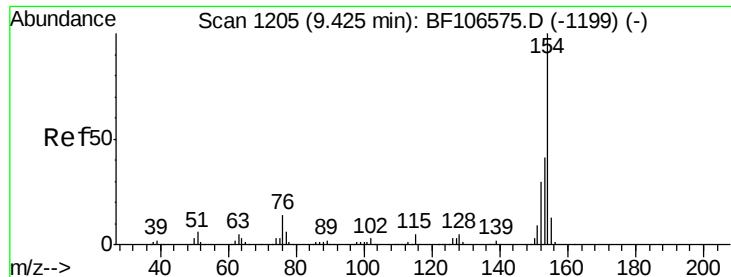
#44
 2-Fluorobiphenyl
 Concen: 91.627 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion	Resp	Lower	Upper
172	673080		
172	100		
171	36.8	29.7	44.5
170	24.1	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

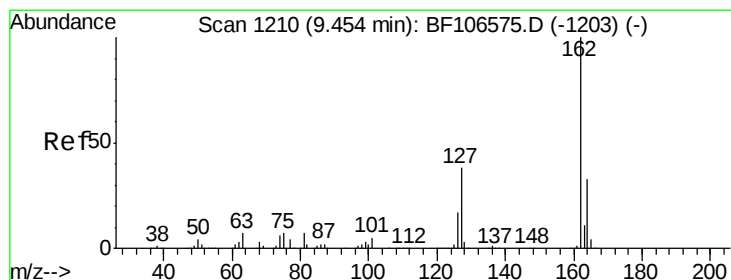
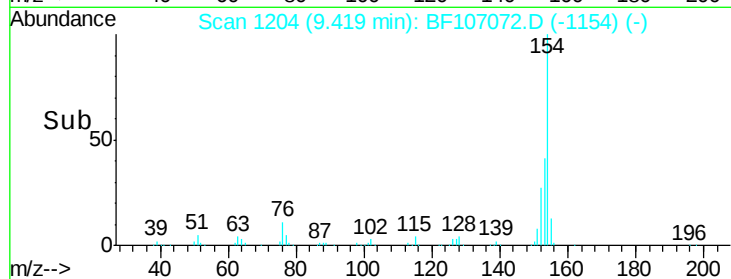
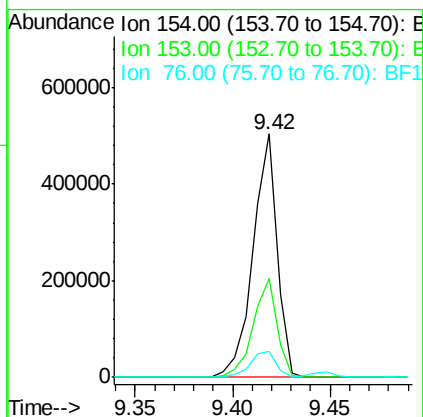
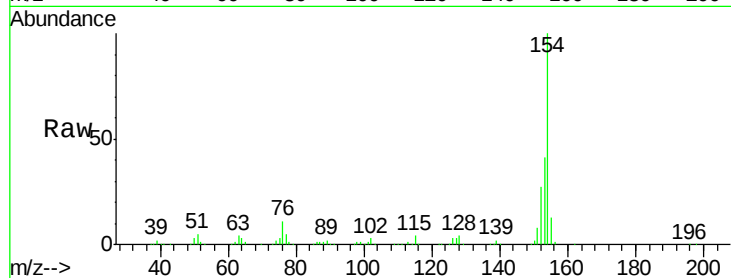




#45
 1,1'-Biphenyl
 Concen: 42.821 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

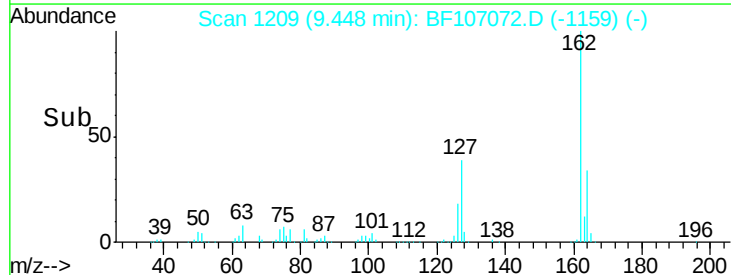
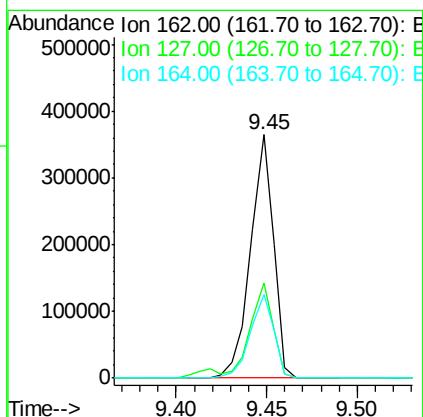
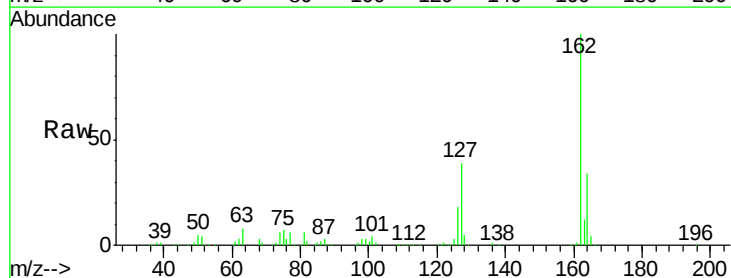
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

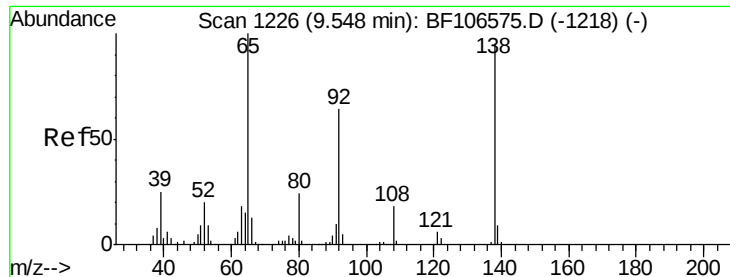
Tgt Ion:154 Resp: 429716
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 10.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.756 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:162 Resp: 321934
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.9 50.9
 164 34.3 26.5 39.7

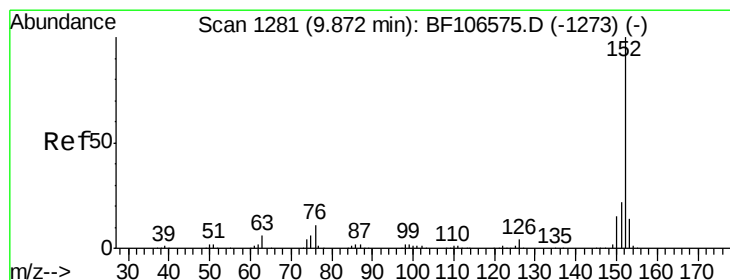
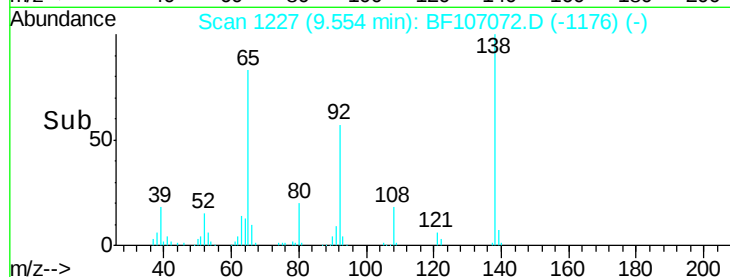
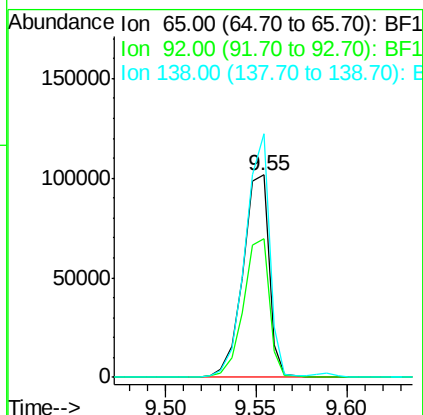
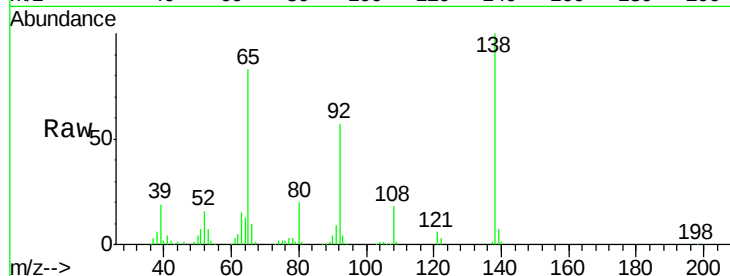




#47
2-Nitroaniline
Concen: 38.470 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

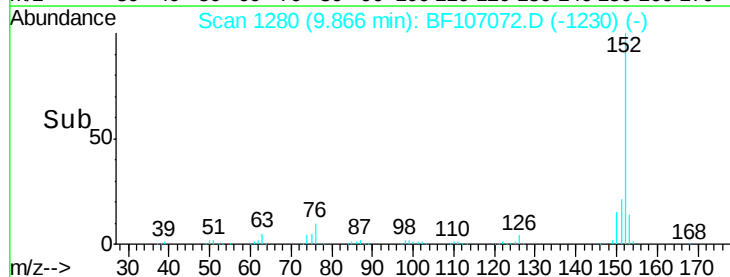
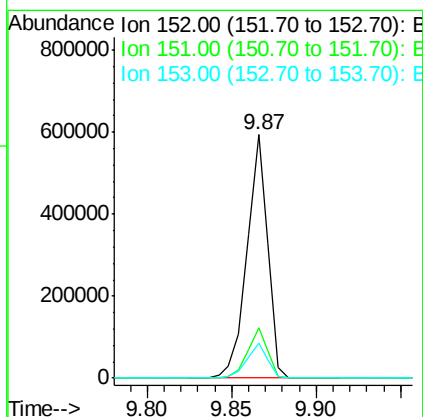
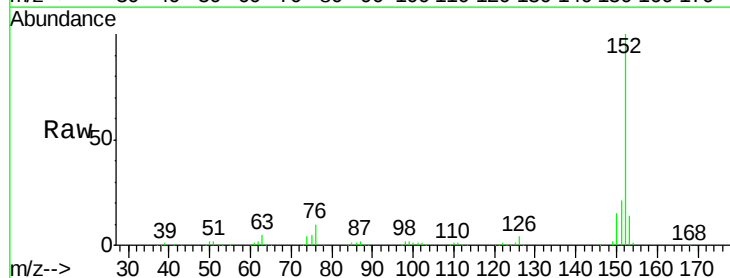
Instrument :
BNA_F
ClientSampleId :
PB110757BS

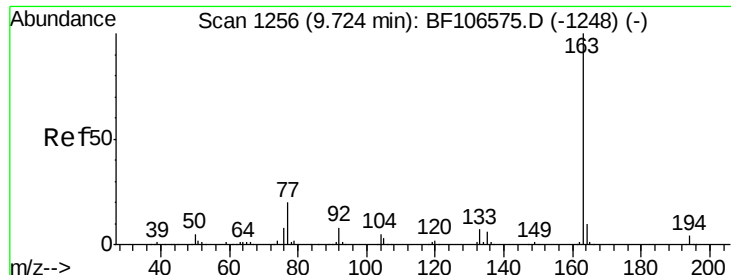
Tgt Ion: 65 Resp: 102185
Ion Ratio Lower Upper
65 100
92 68.5 55.8 83.6
138 120.4 91.2 136.8



#48
Acenaphthylene
Concen: 40.892 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion: 152 Resp: 509967
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.1 10.7 16.1

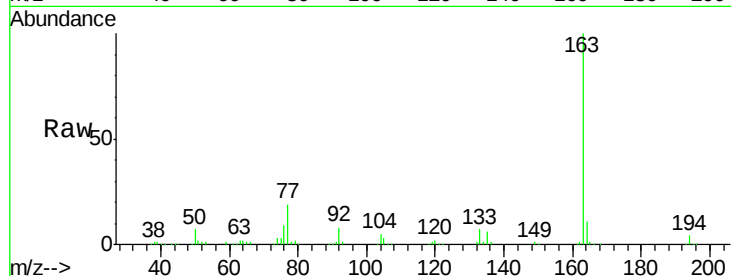




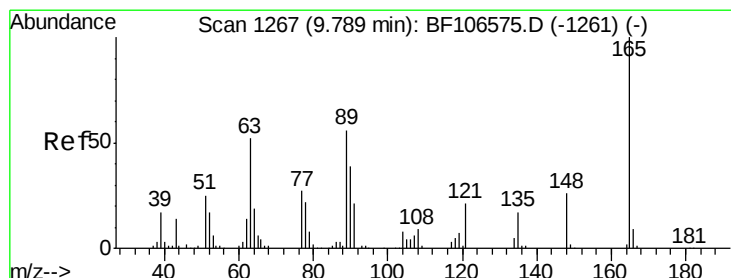
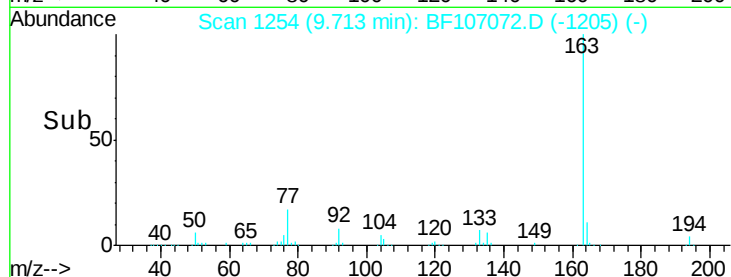
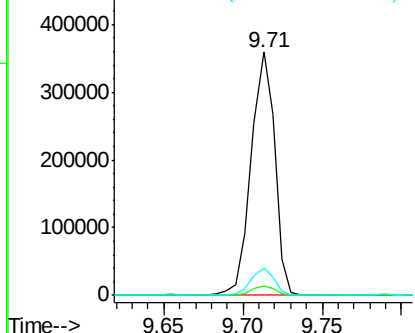
#49
Dimethylphthalate
Concen: 39.506 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:163 Resp: 373098
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 11.1 8.2 12.2

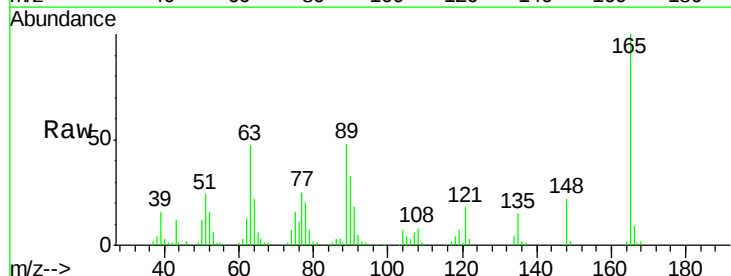


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

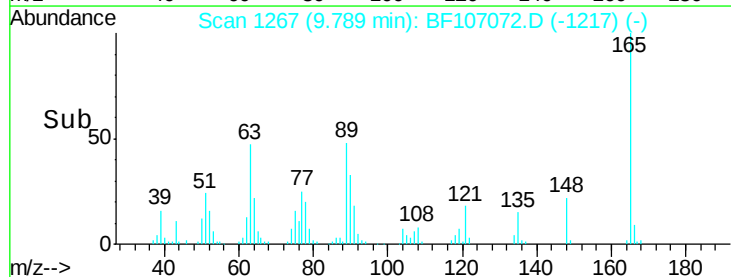
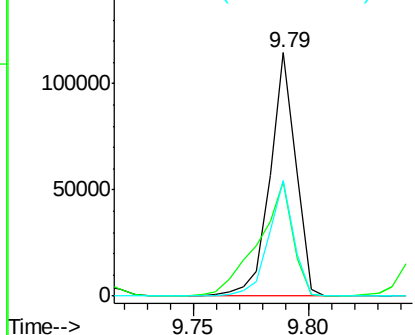


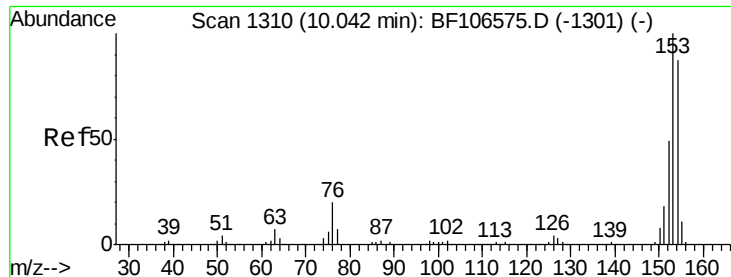
#50
2,6-Dinitrotoluene
Concen: 44.181 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:165 Resp: 88354
Ion Ratio Lower Upper
165 100
63 47.2 44.7 67.1
89 47.6 44.0 66.0



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





#51

Acenaphthene

Concen: 39.033 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

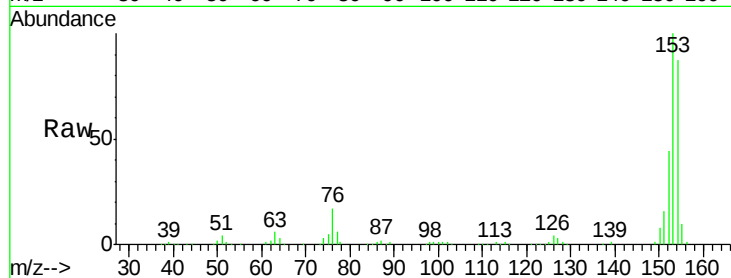
Tgt Ion:154 Resp: 306534

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

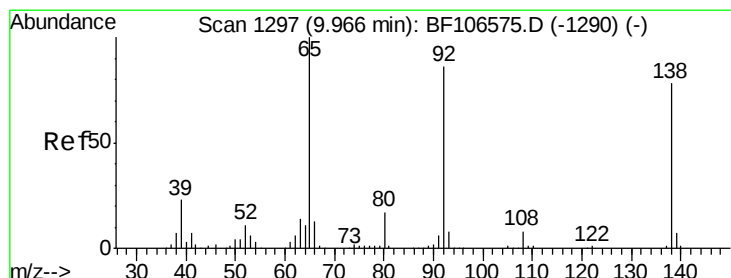
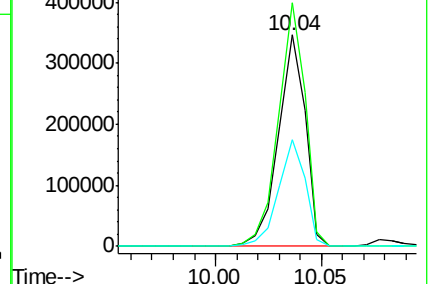
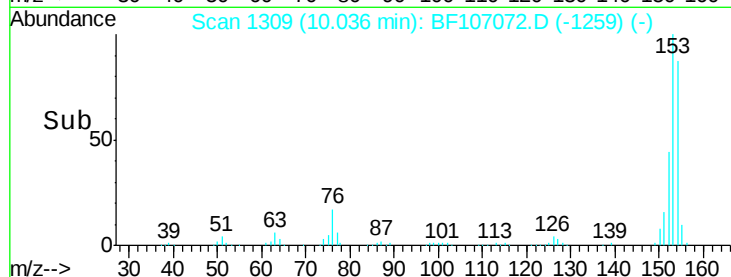
152 50.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.308 ng

RT: 9.97 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

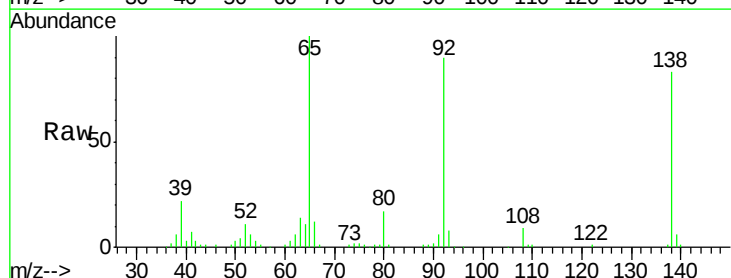
Tgt Ion:138 Resp: 72047

Ion Ratio Lower Upper

138 100

108 10.7 9.4 14.0

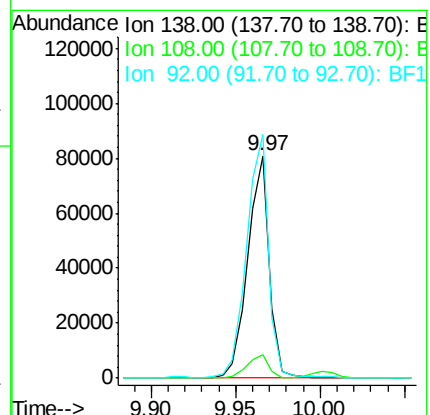
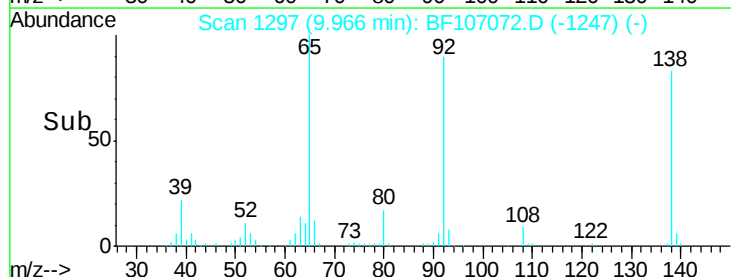
92 109.5 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

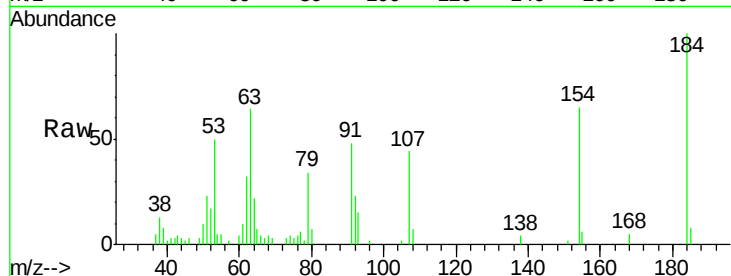




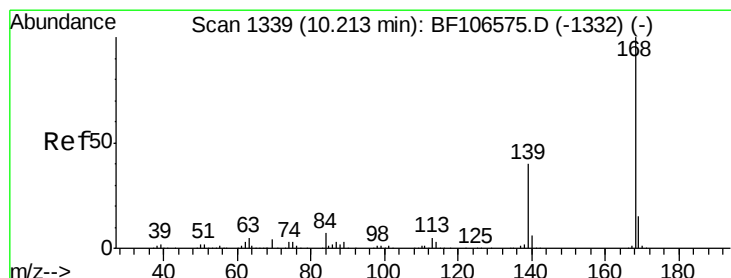
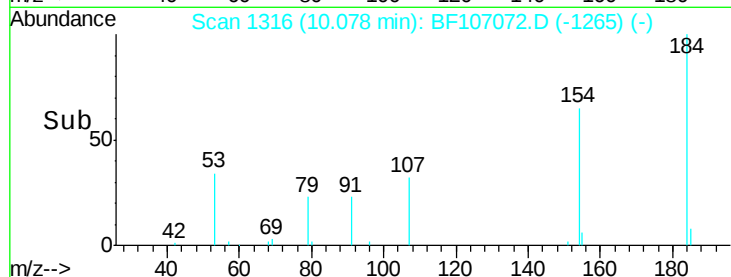
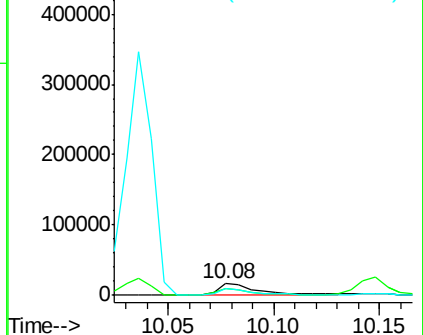
#53
2,4-Dinitrophenol
Concen: 25.557 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:184 Resp: 22514
Ion Ratio Lower Upper
184 100
63 63.7 54.2 81.2
154 65.4 184.0 276.0#

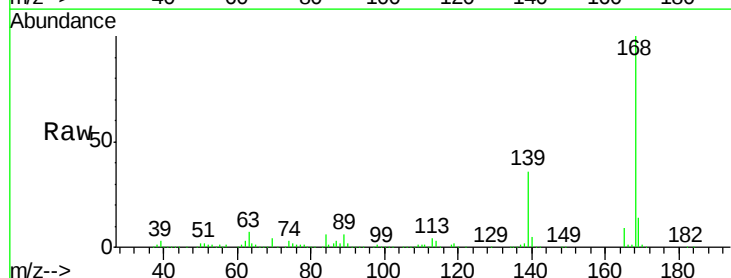


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

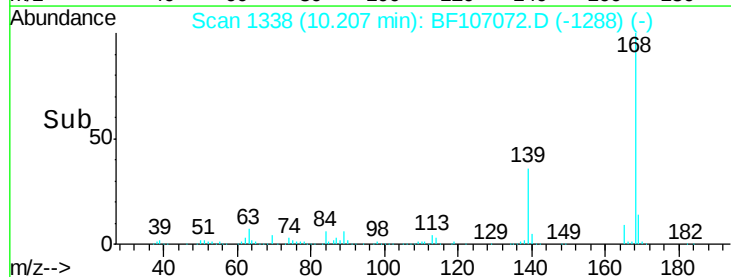
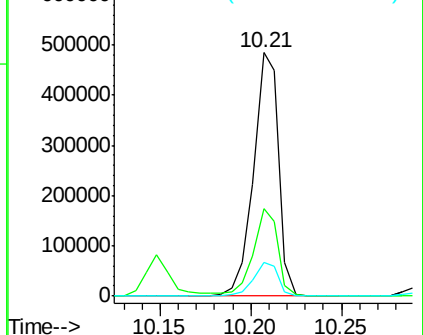


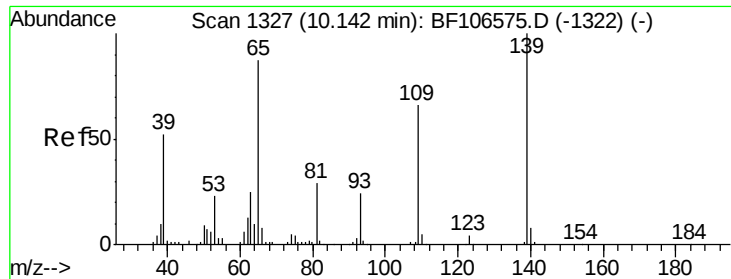
#54
Dibenzofuran
Concen: 43.092 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:168 Resp: 463383
Ion Ratio Lower Upper
168 100
139 35.7 30.1 45.1
169 13.8 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

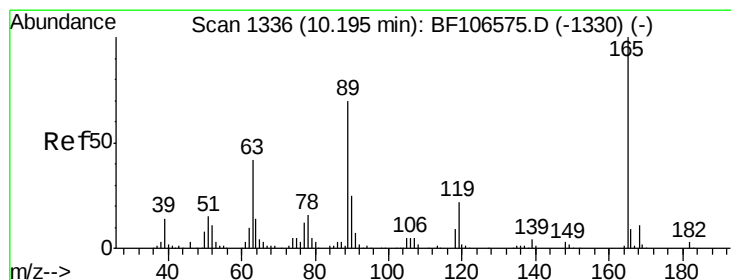
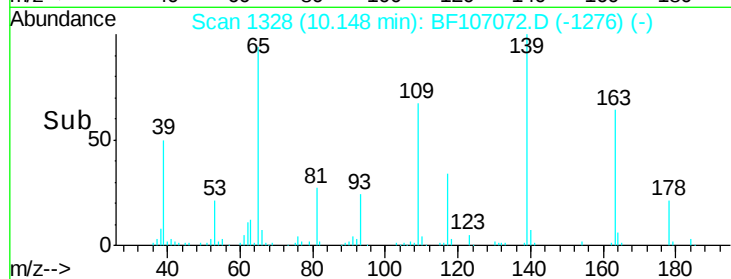
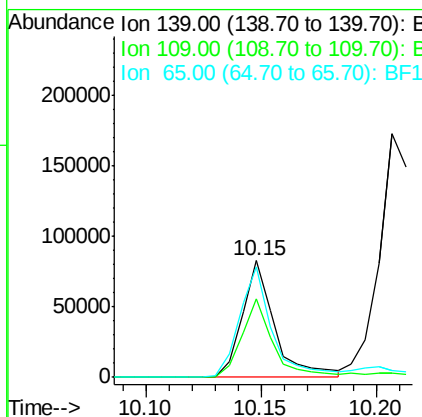
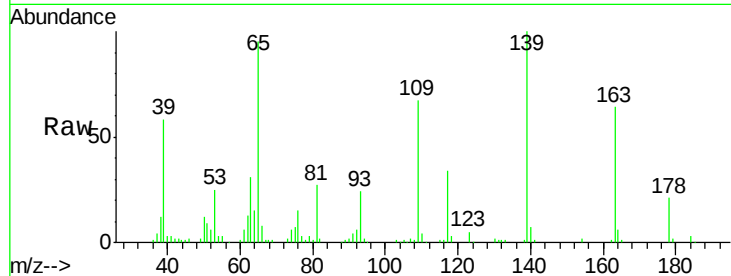




#55
4-Nitrophenol
Concen: 50.543 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

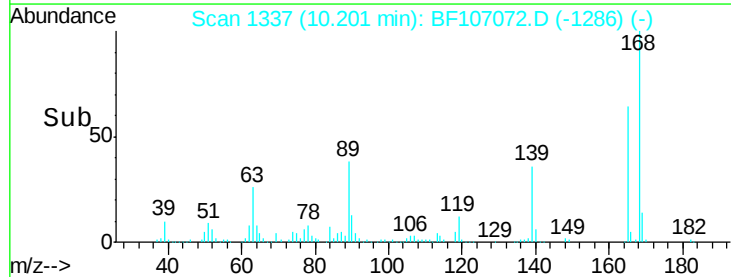
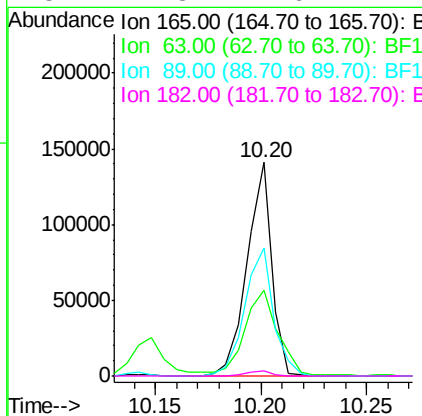
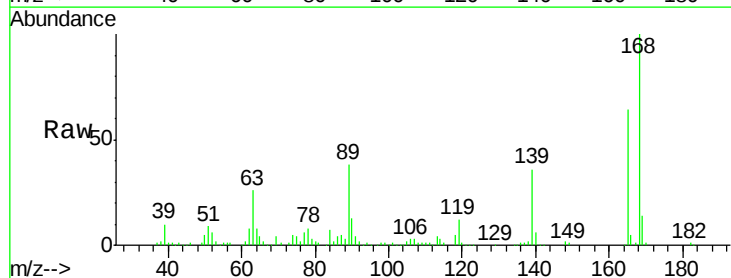
Instrument :
BNA_F
ClientSampleId :
PB110757BS

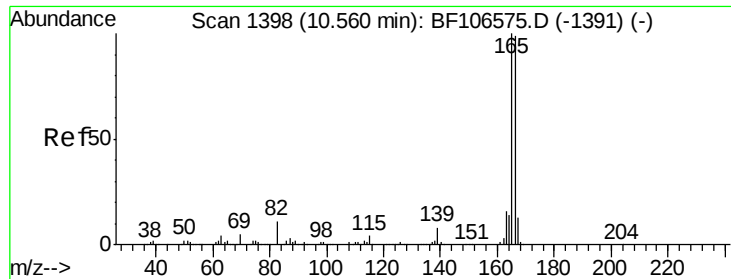
Tgt Ion:139 Resp: 81188
Ion Ratio Lower Upper
139 100
109 67.1 48.4 88.4
65 95.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.833 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:165 Resp: 114419
Ion Ratio Lower Upper
165 100
63 40.4 36.4 54.6
89 59.6 57.8 86.6
182 2.3 1.6 2.4

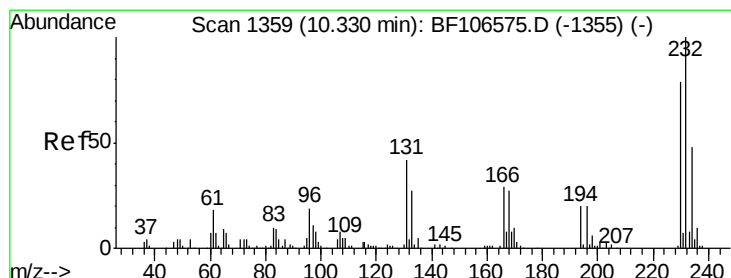
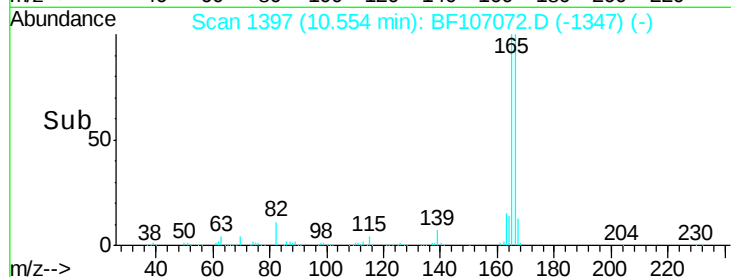
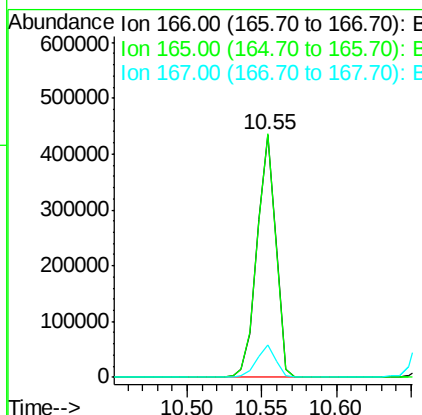
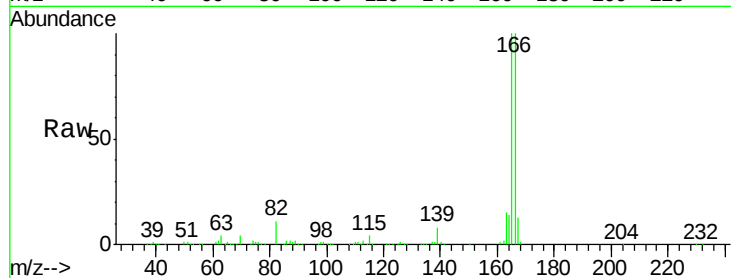




#57
 Fluorene
 Concen: 43.841 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

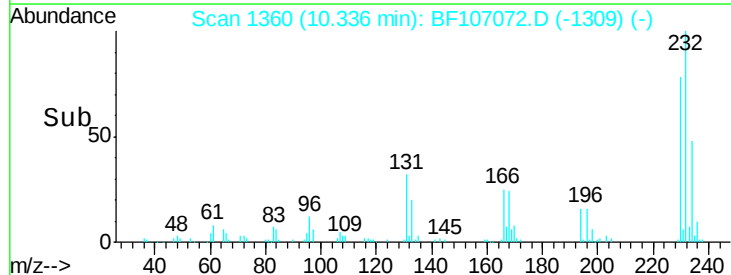
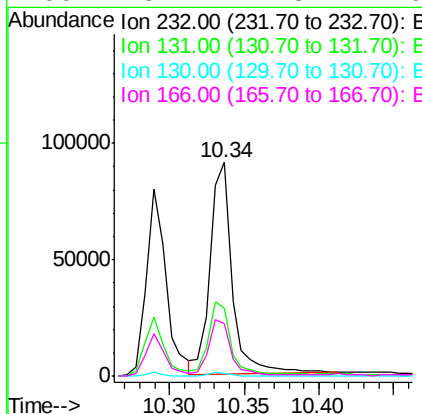
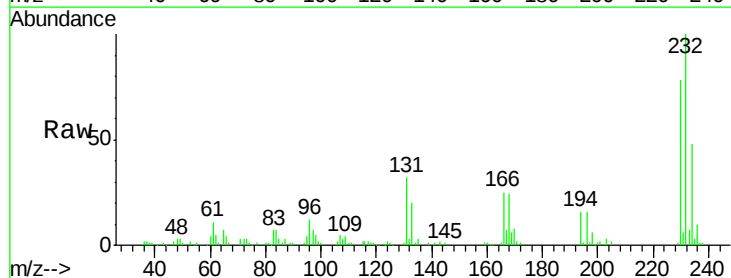
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

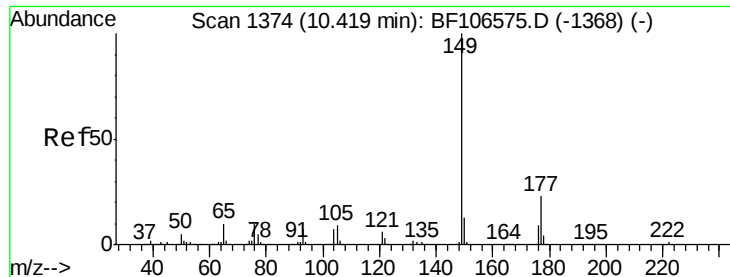
Tgt Ion:166 Resp: 374100
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.280 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:232 Resp: 94177
 Ion Ratio Lower Upper
 232 100
 131 36.4 43.8 65.8#
 130 1.5 2.1 3.1#
 166 25.7 27.8 41.6#

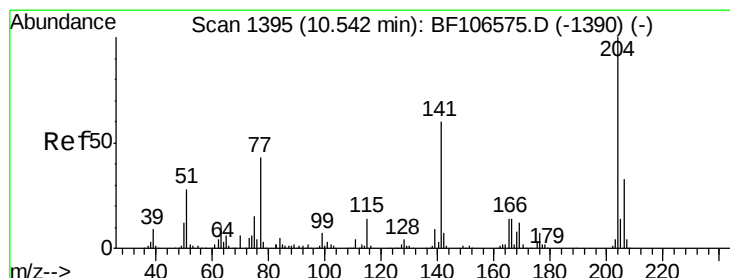
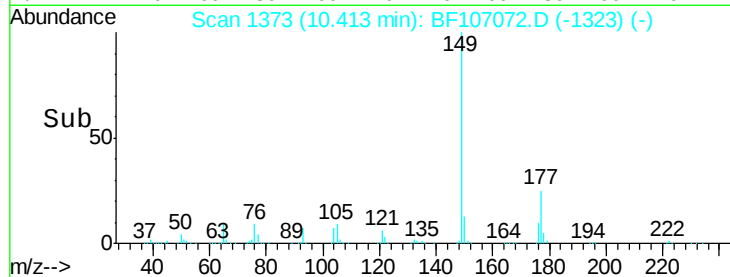
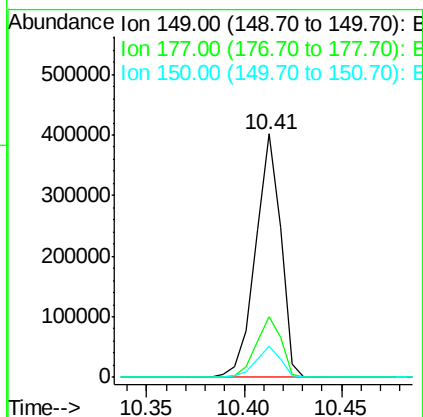
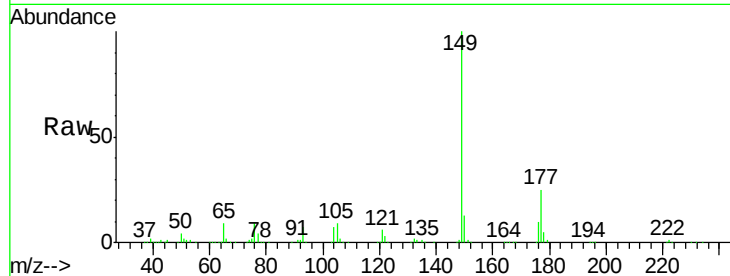




#59
Diethylphthalate
Concen: 39.305 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

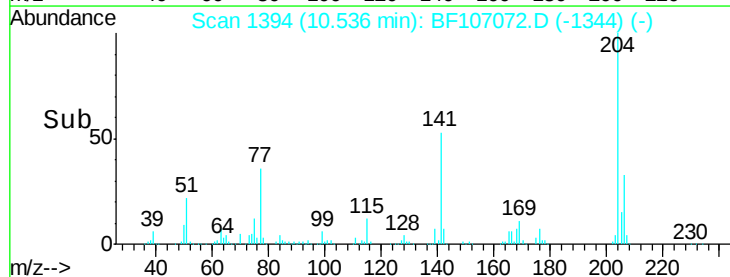
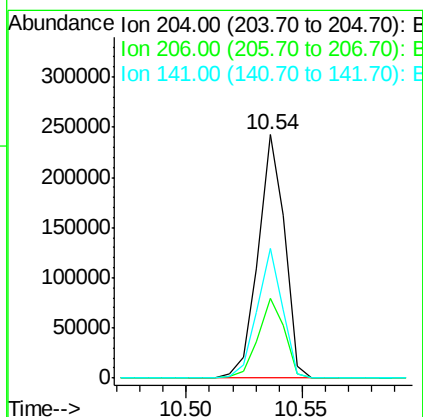
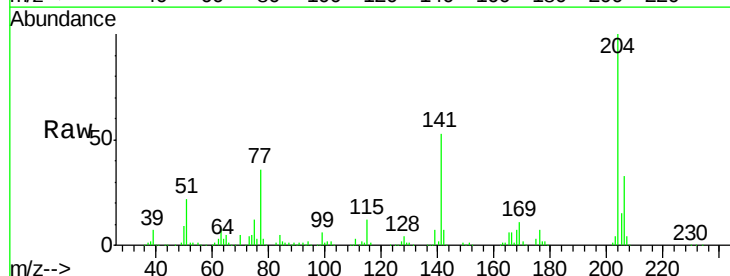
Instrument :
BNA_F
ClientSampleId :
PB110757BS

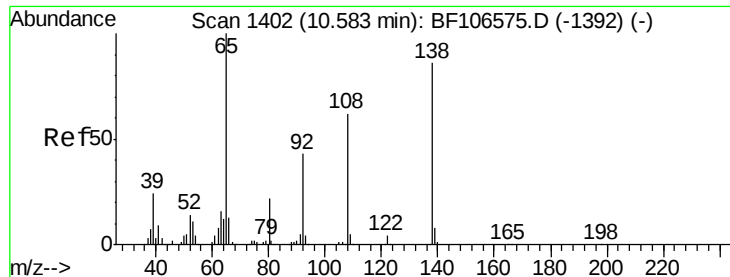
Tgt Ion:149 Resp: 358274
Ion Ratio Lower Upper
149 100
177 24.7 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.647 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:204 Resp: 194874
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 53.3 54.6 81.8#





#61

4-Nitroaniline

Concen: 41.476 ng

RT: 10.58 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

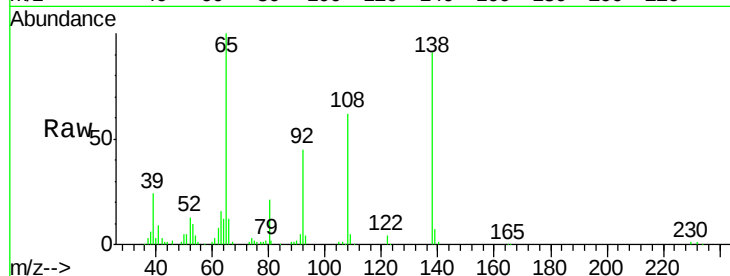
Tgt Ion:138 Resp: 94725

Ion Ratio Lower Upper

138 100

92 49.3 30.2 70.2

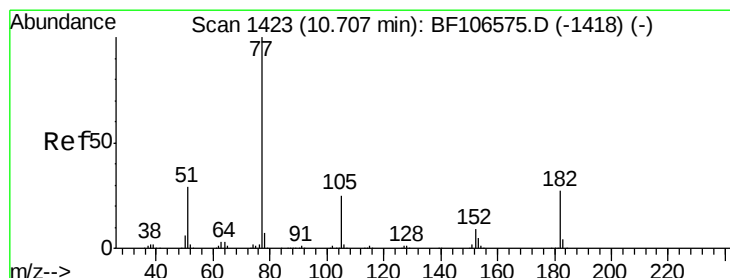
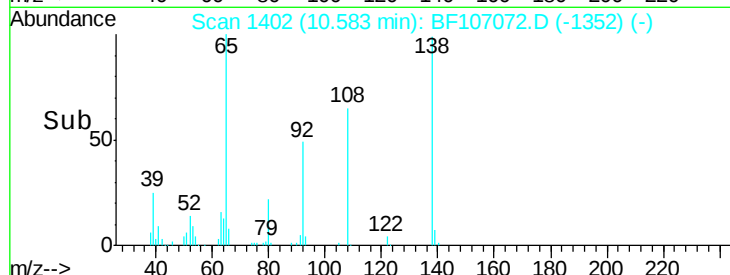
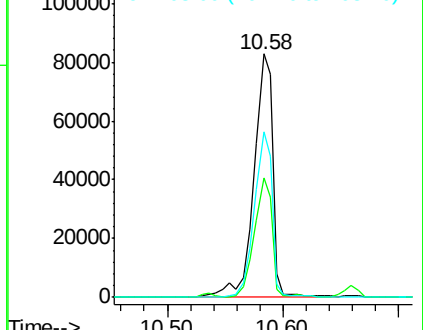
108 68.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.542 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Tgt Ion: 77 Resp: 345961

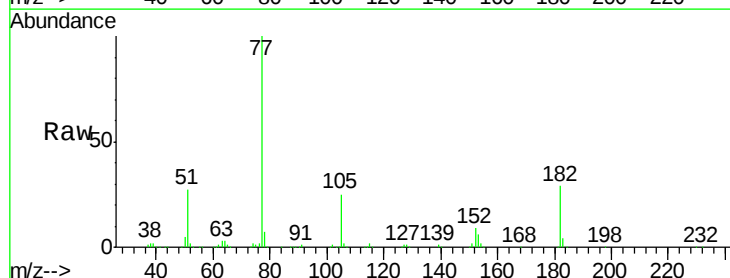
Ion Ratio Lower Upper

77 100

182 29.5 1.7 41.7

105 24.5 3.0 43.0

51 27.1 9.9 49.9

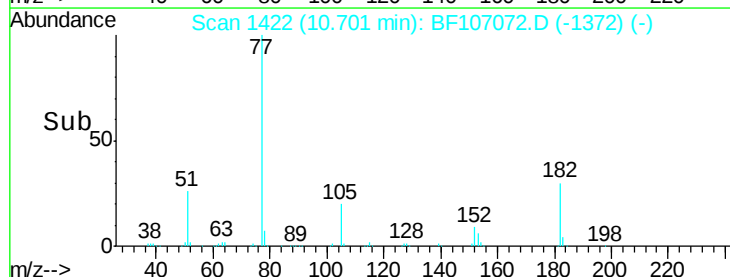
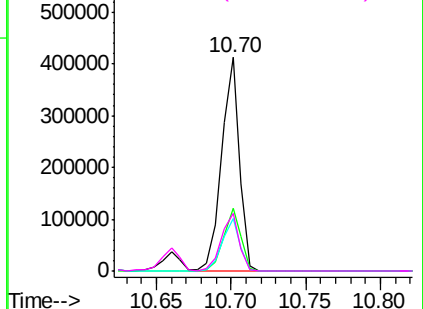


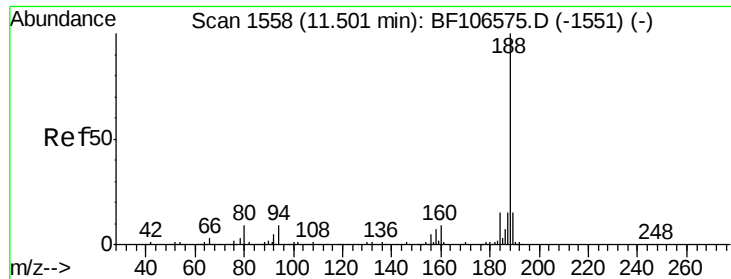
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

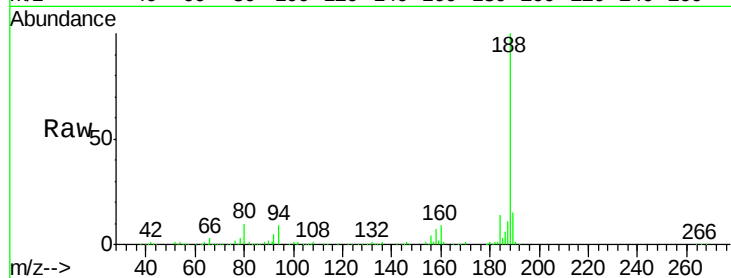
Tgt Ion:188 Resp: 259424

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

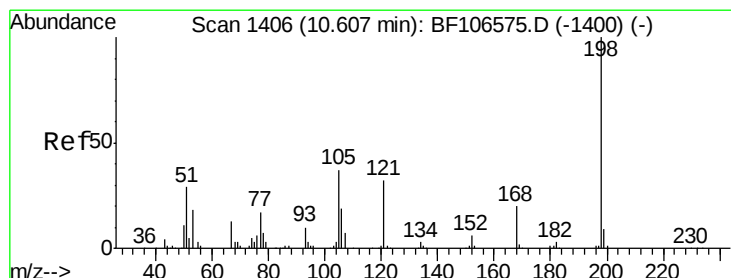
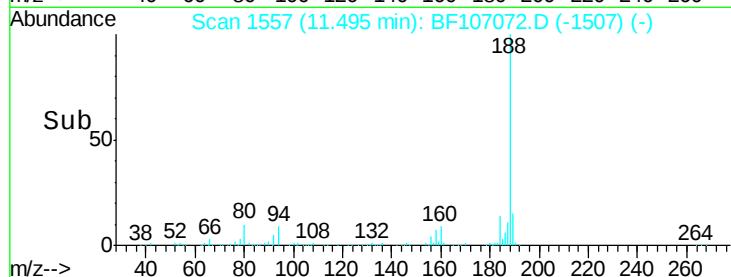
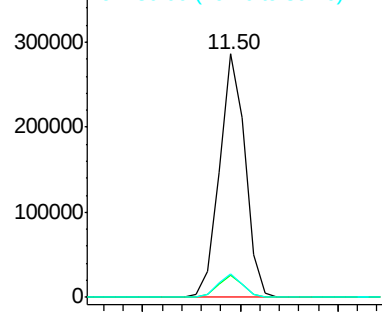
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 22.526 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

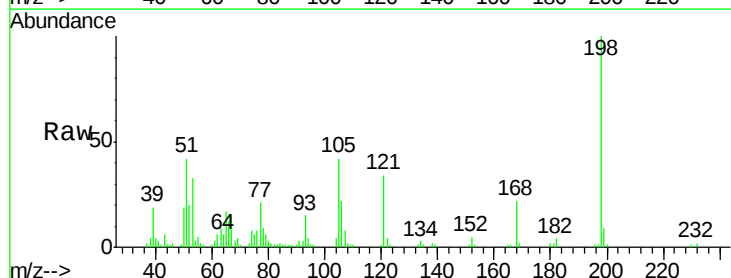
Tgt Ion:198 Resp: 36123

Ion Ratio Lower Upper

198 100

51 42.1 37.7 77.7

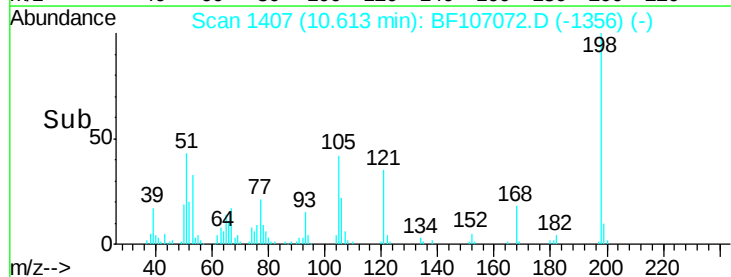
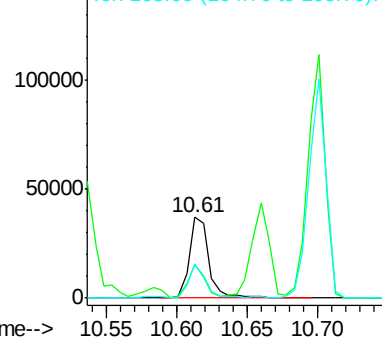
105 41.5 36.3 76.3

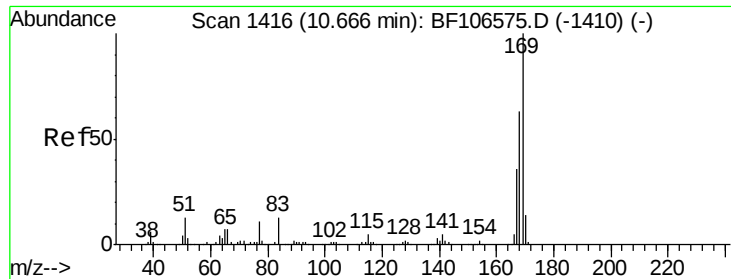


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.797 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

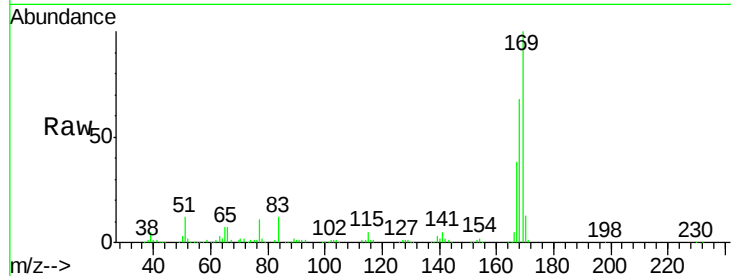
Tgt Ion:169 Resp: 329809

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

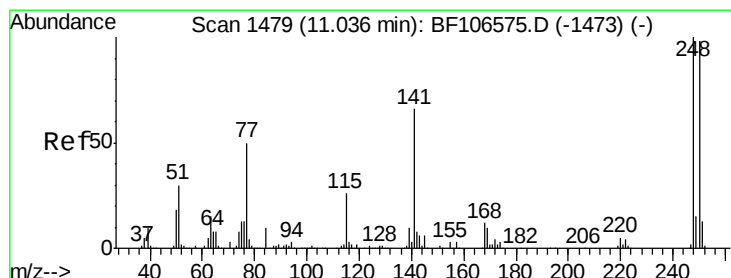
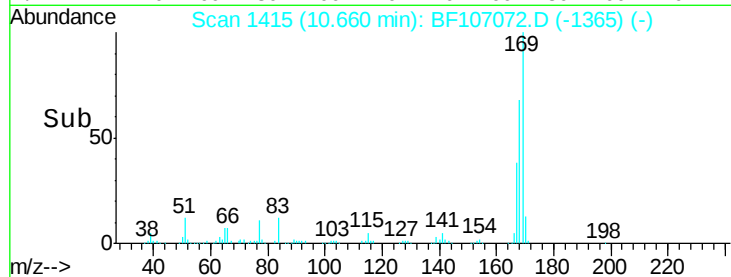
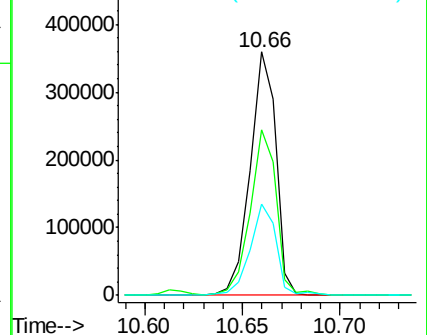
167 37.7 29.8 44.6



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: 43.267 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

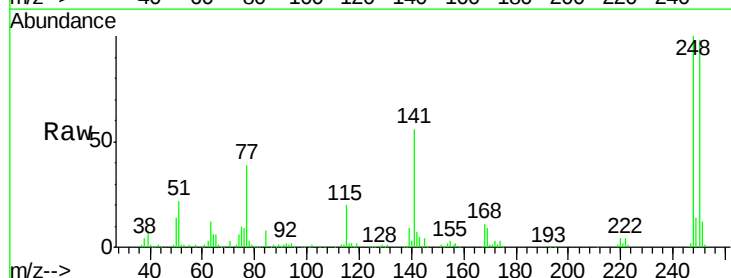
Tgt Ion:248 Resp: 133959

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

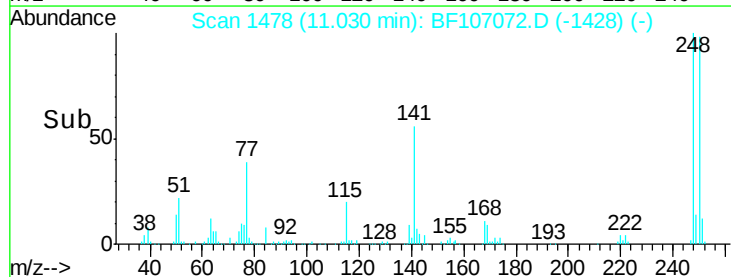
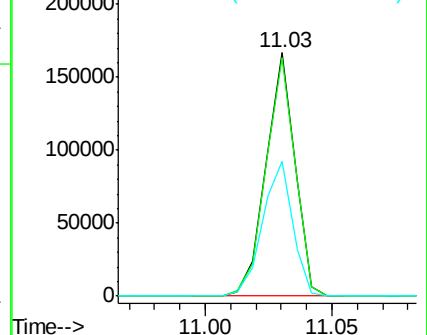
141 55.6 74.4 111.6#

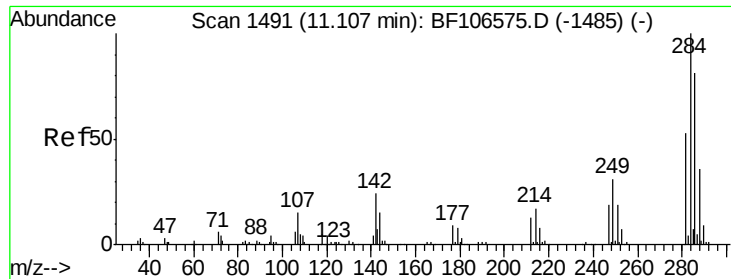


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

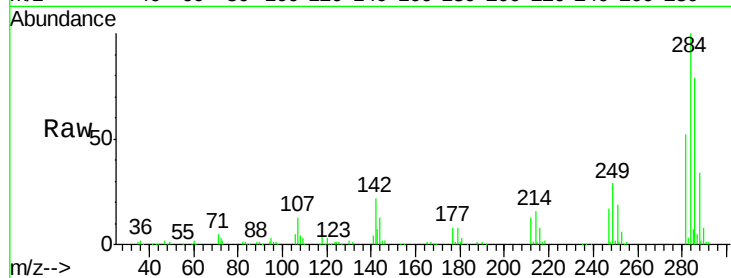




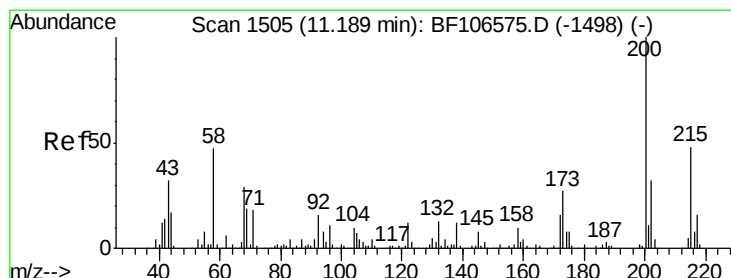
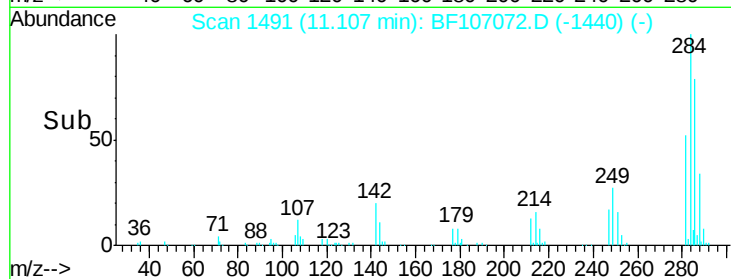
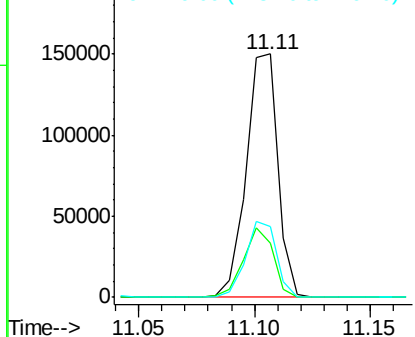
#67
Hexachlorobenzene
Concen: 44.633 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion: 284 Resp: 144631
Ion Ratio Lower Upper
284 100
142 22.3 34.6 52.0#
249 28.9 24.8 37.2

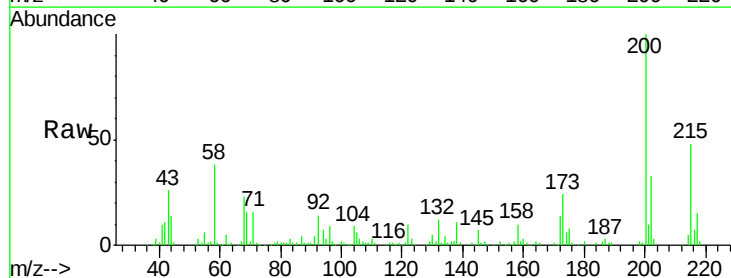


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

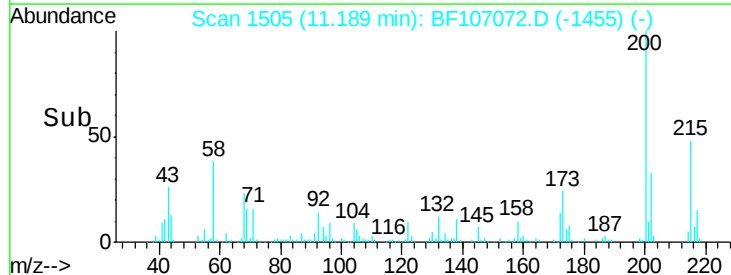
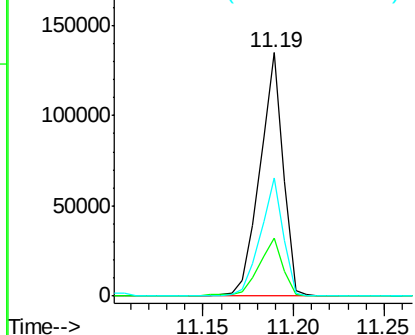


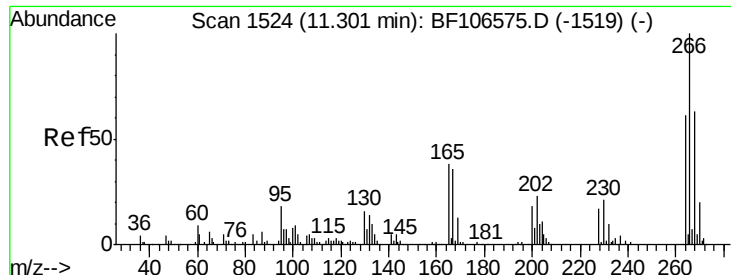
#68
Atrazine
Concen: 43.459 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion: 200 Resp: 120553
Ion Ratio Lower Upper
200 100
173 23.9 8.6 48.6
215 48.4 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

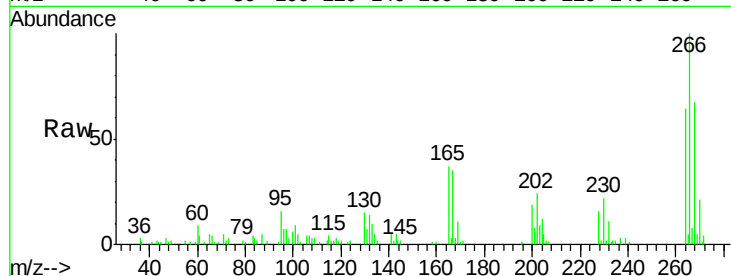




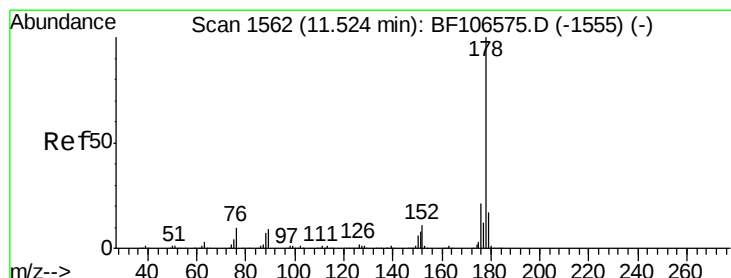
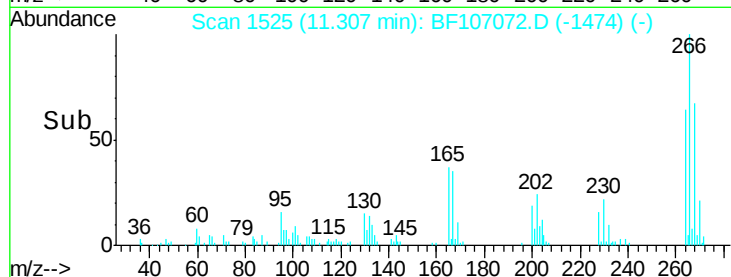
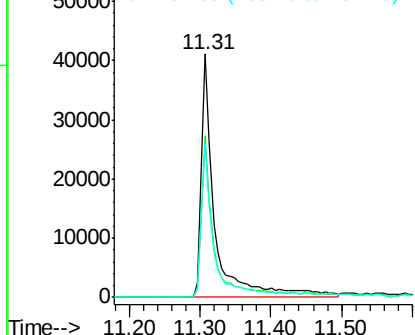
#69
 Pentachlorophenol
 Concen: 35.178 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion:266 Resp: 56878
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.1 76.7
 264 63.5 49.5 74.3

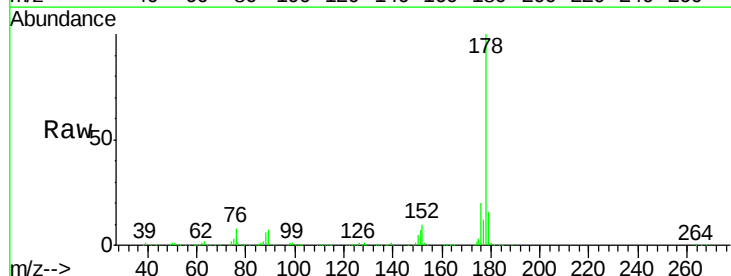


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

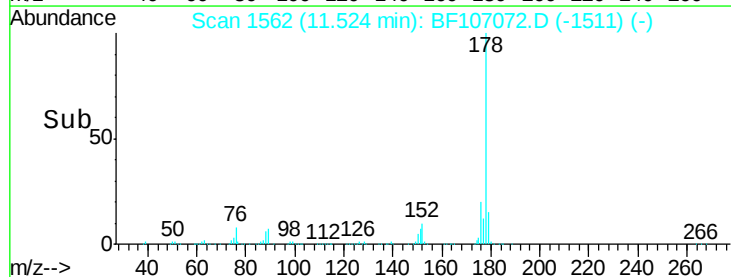
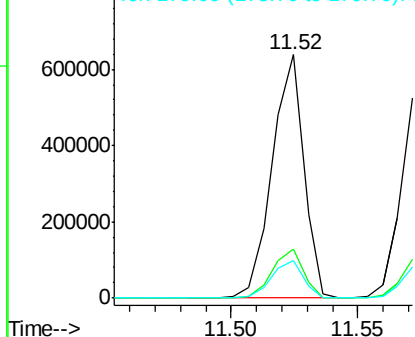


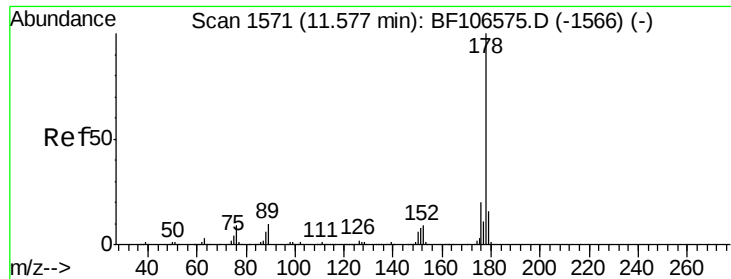
#70
 Phenanthrene
 Concen: 44.205 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion:178 Resp: 553122
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.5 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: 44.892 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

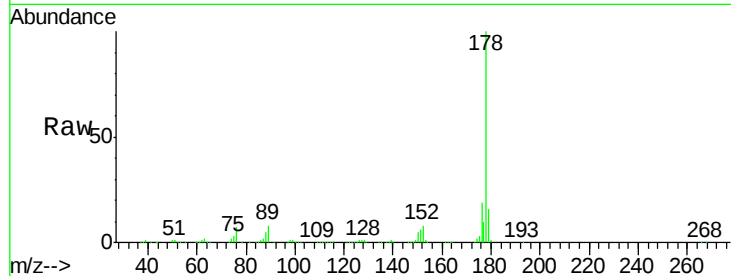
Tgt Ion:178 Resp: 573340

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

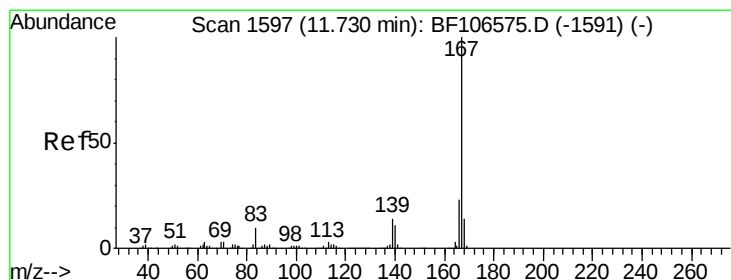
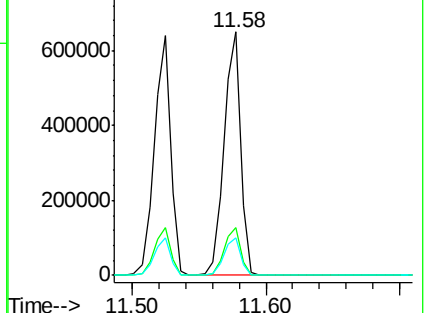
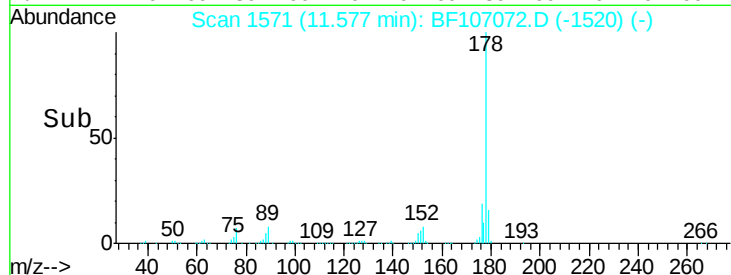
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.921 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

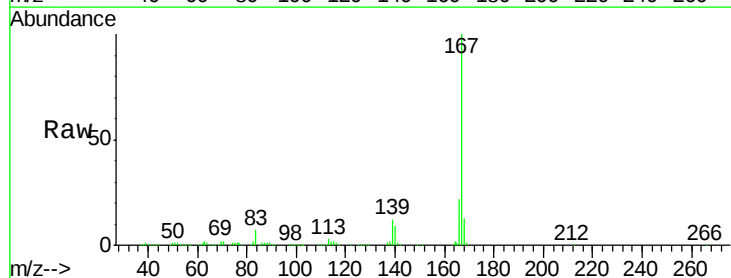
Tgt Ion:167 Resp: 513227

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

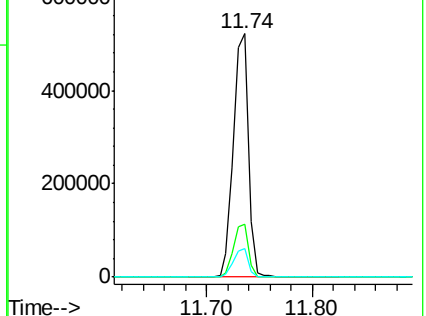
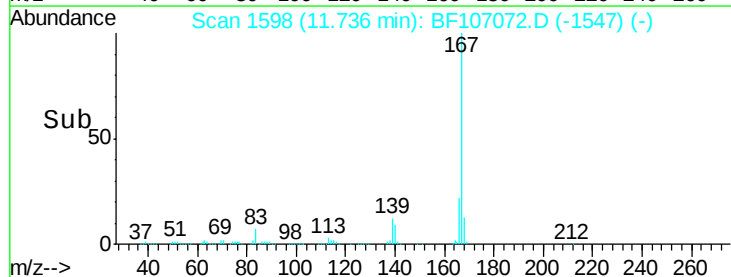
139 11.6 10.9 16.3

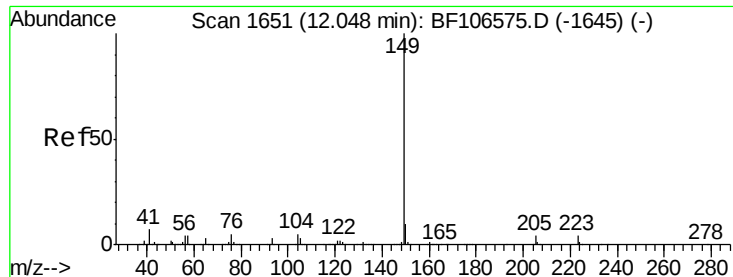


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.158 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

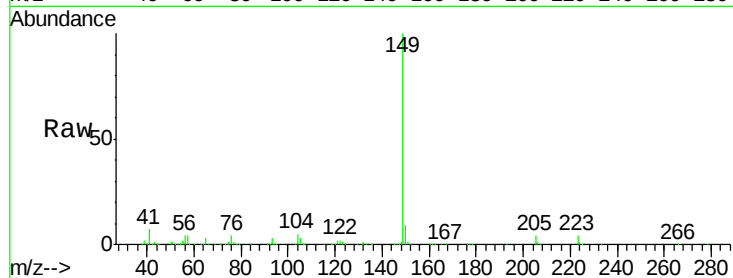
Tgt Ion:149 Resp: 551607

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

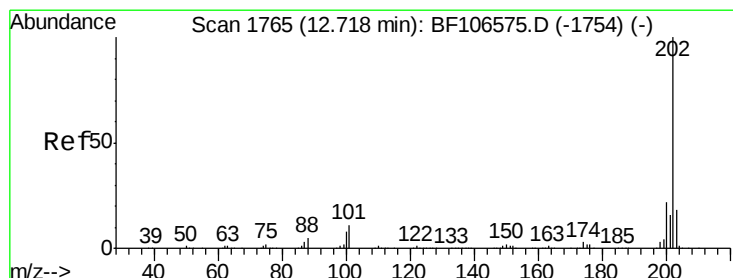
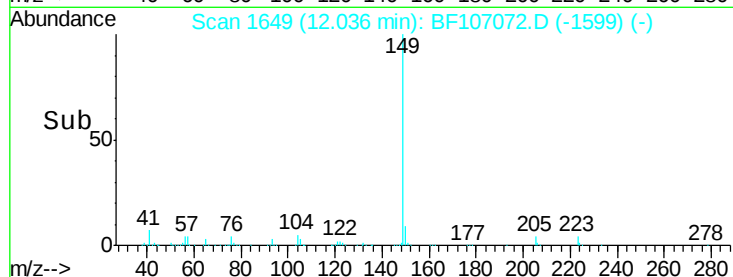
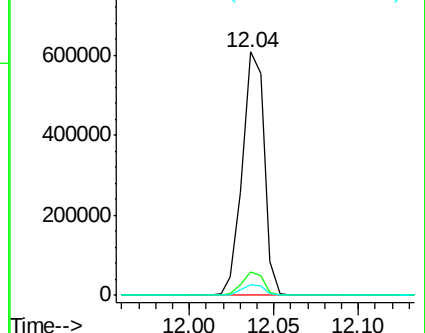
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.007 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

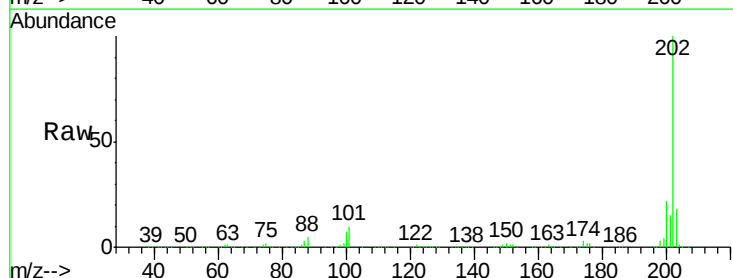
Tgt Ion:202 Resp: 606920

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

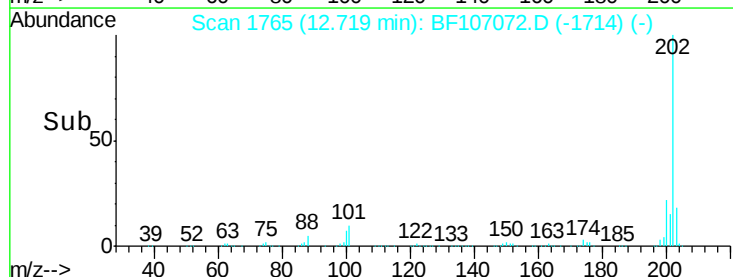
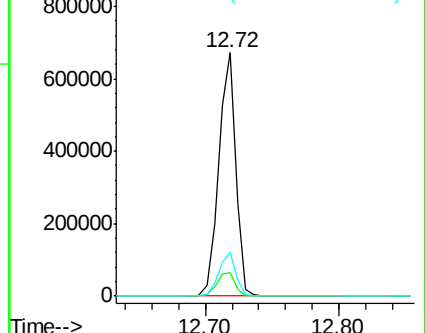
203 18.1 0.0 38.1

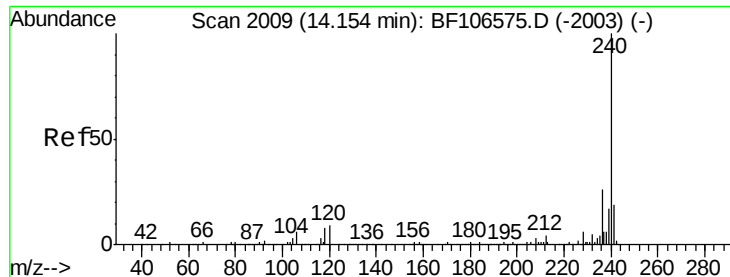


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

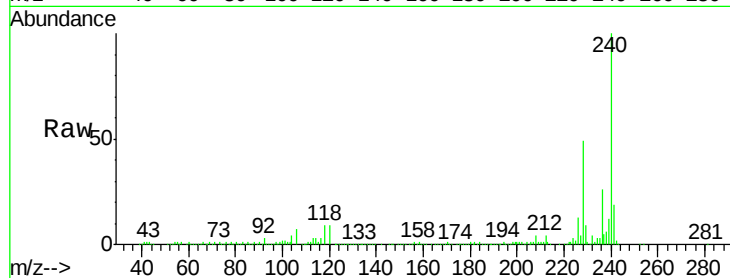
Tgt Ion:240 Resp: 182370

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

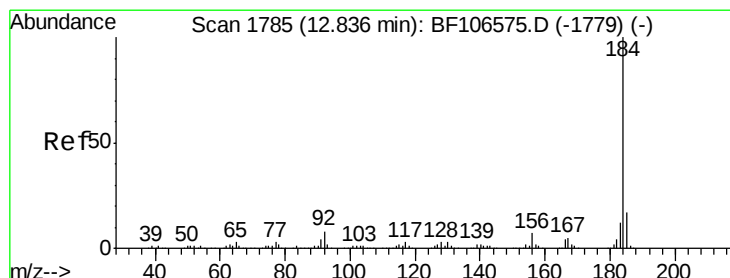
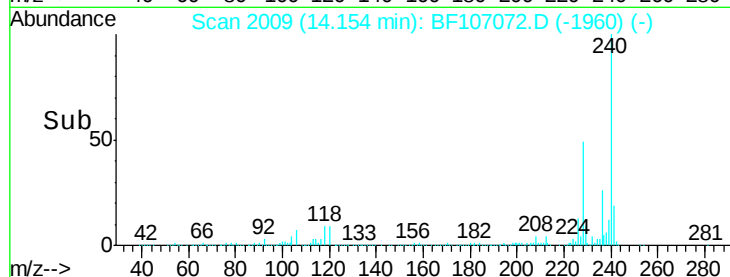
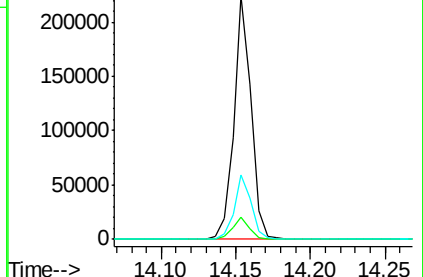
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.507 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

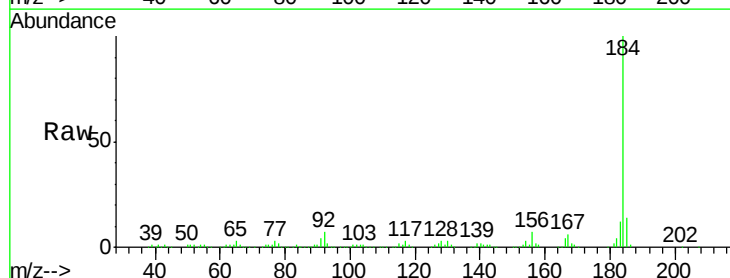
Tgt Ion:184 Resp: 236358

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

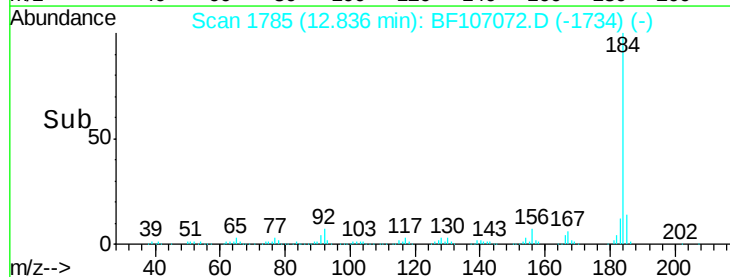
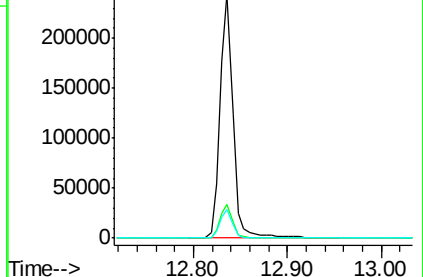
183 11.6 9.3 13.9

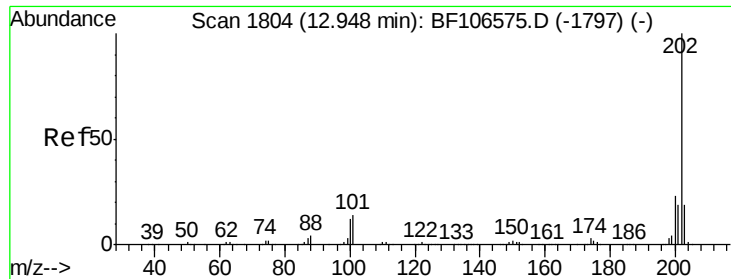


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

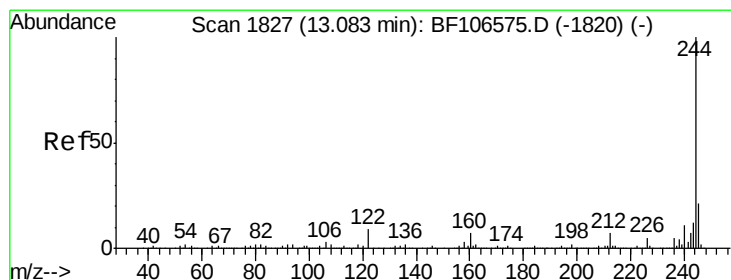
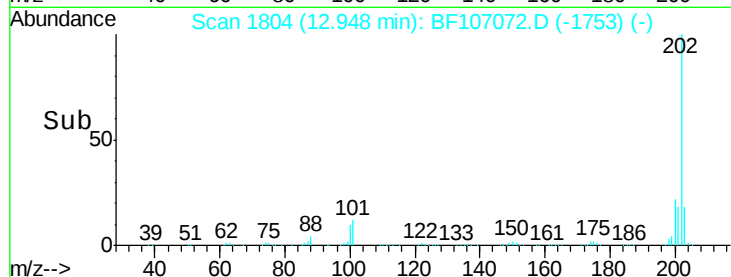
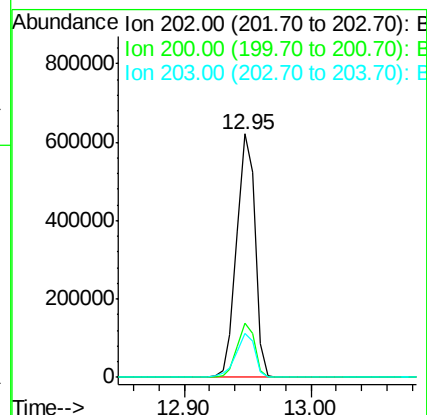
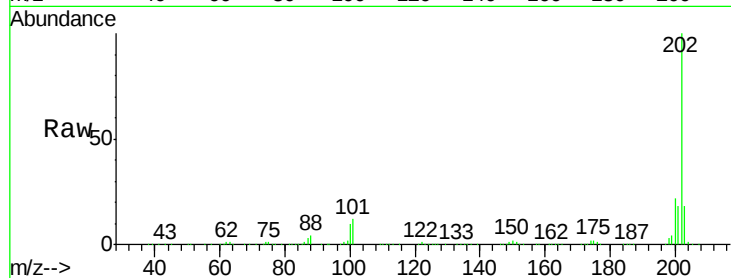




#77
 Pyrene
 Concen: 51.229 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

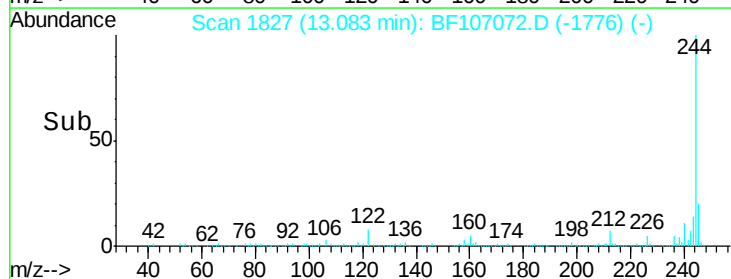
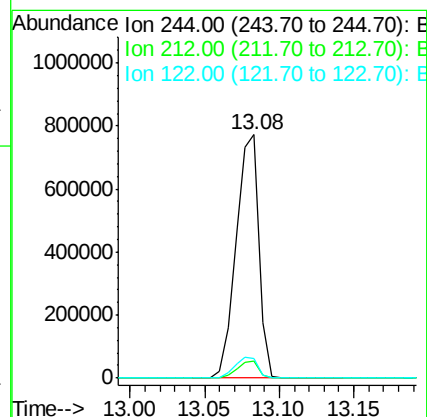
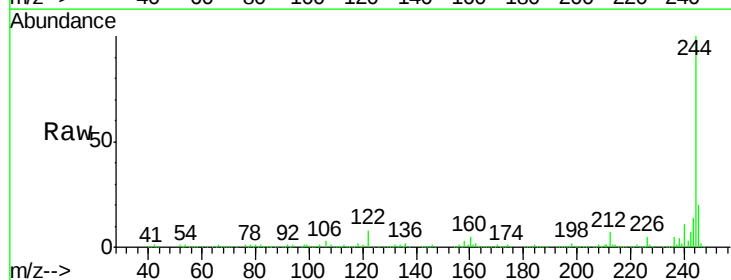
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

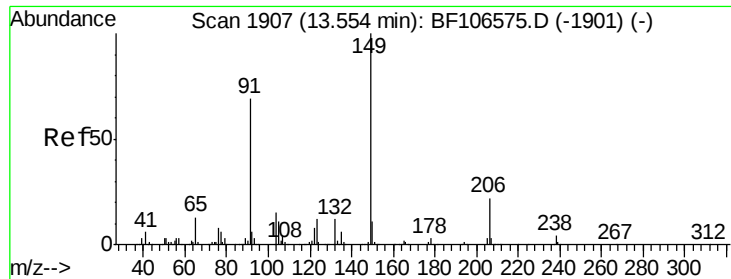
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.1	14.3	21.5



#78
 Terphenyl-d14
 Concen: 110.327 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.0	11.0	16.4

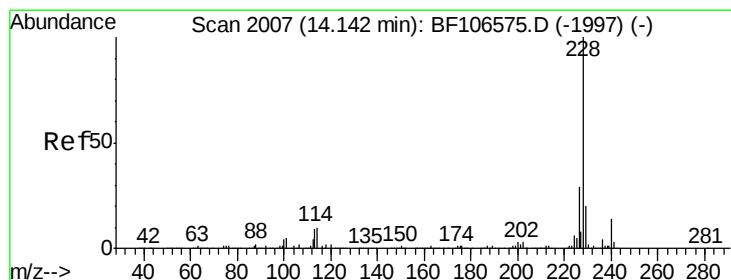
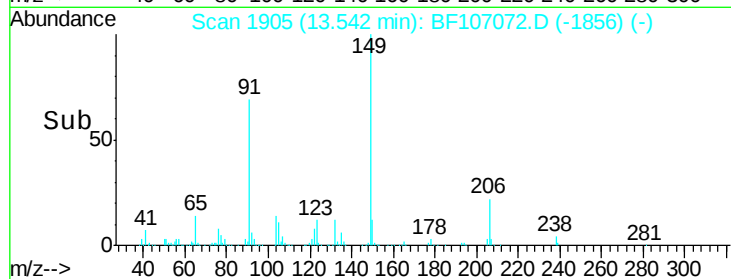
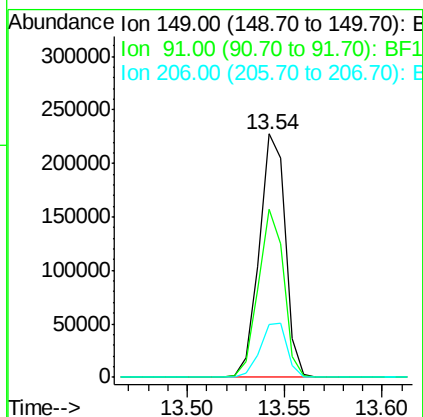
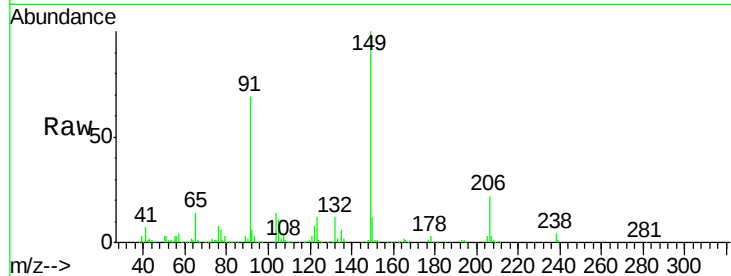




#79
Butylbenzylphthalate
Concen: 42.556 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

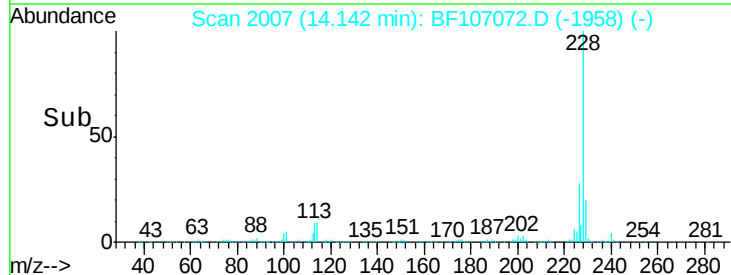
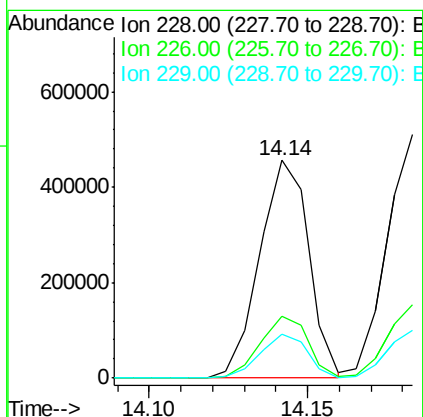
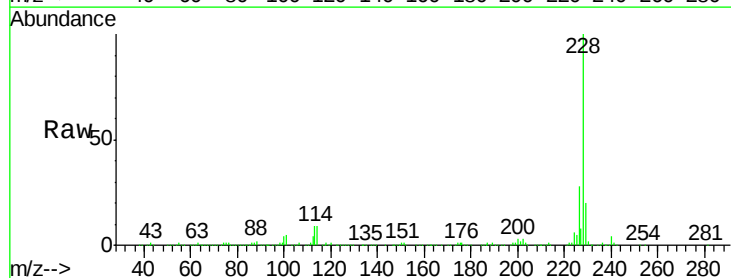
Instrument :
BNA_F
ClientSampleId :
PB110757BS

Tgt Ion:149 Resp: 210418
Ion Ratio Lower Upper
149 100
91 69.2 56.8 85.2
206 21.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.284 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:228 Resp: 492218
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.2 15.8 23.6

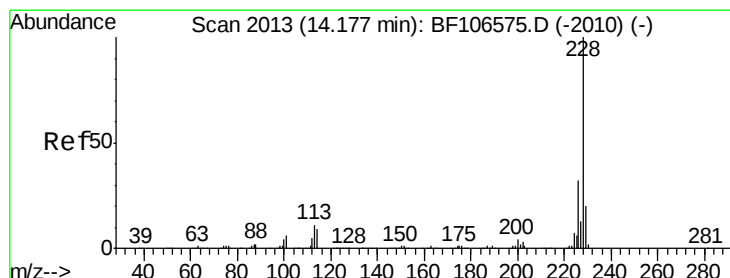
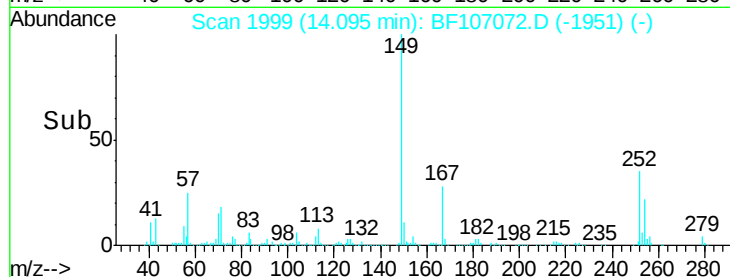
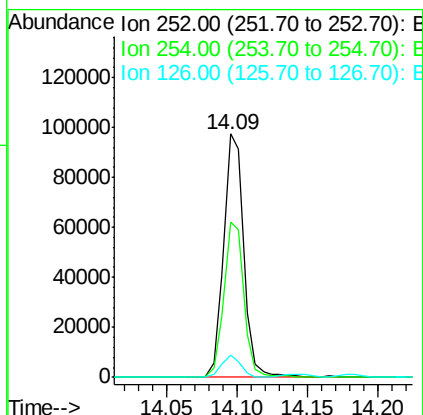
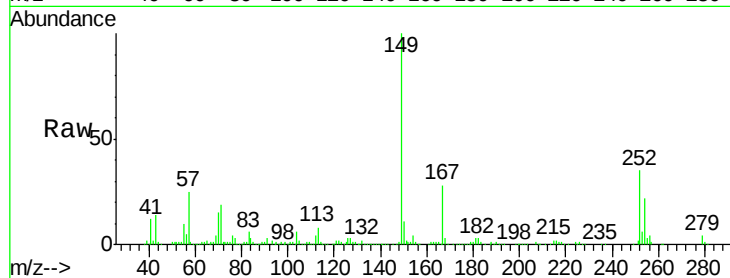




#81
 3,3'-Dichlorobenzidine
 Concen: 24.813 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

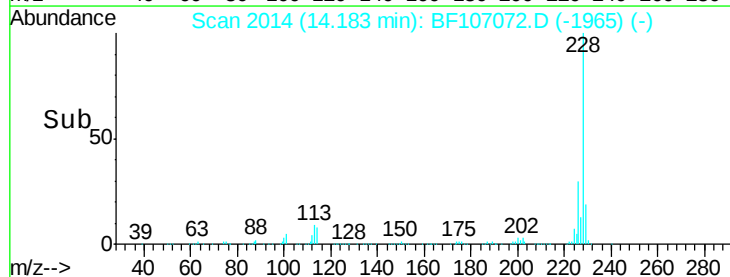
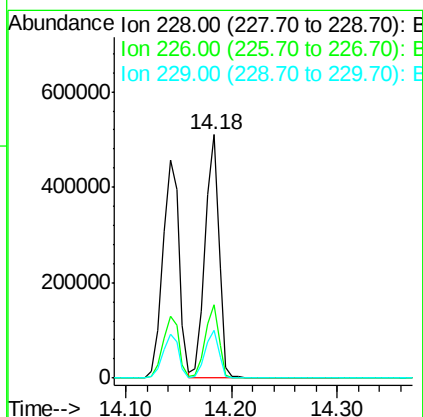
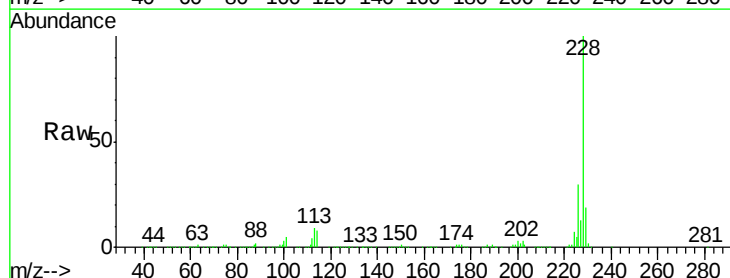
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

Tgt Ion: 252 Resp: 96930
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 8.9 11.3 16.9#



#82
 Chrysene
 Concen: 45.505 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion: 228 Resp: 465320
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.338 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

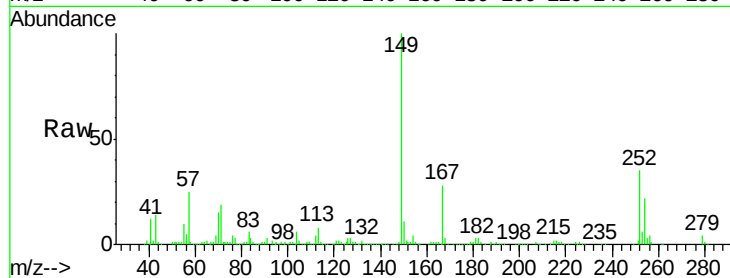
Tgt Ion:149 Resp: 242353

Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

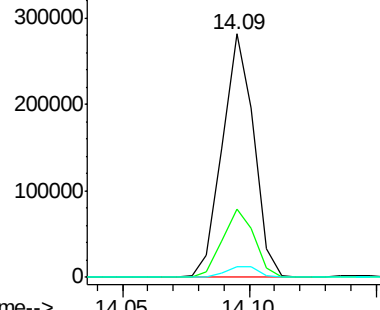
279 4.3 3.0 4.4



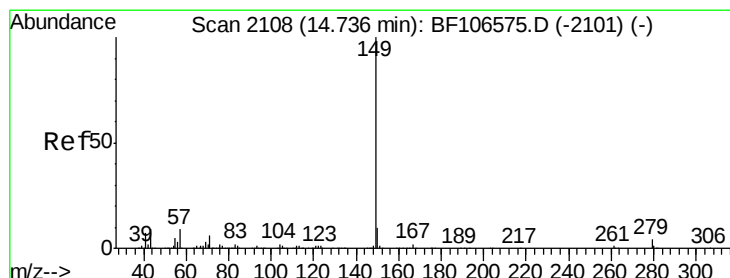
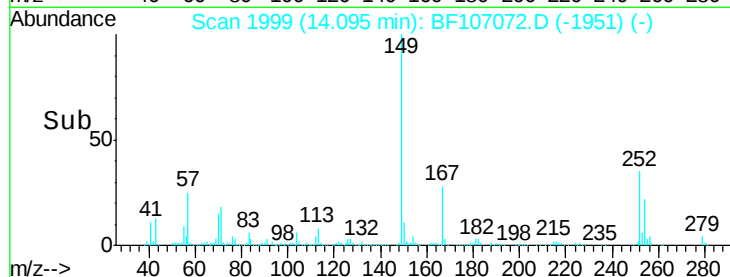
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 34.497 ng

RT: 14.72 min Scan# 2106

Delta R.T. -0.04 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

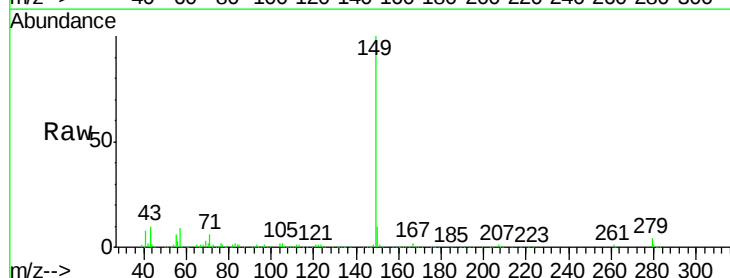
Tgt Ion:149 Resp: 355458

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

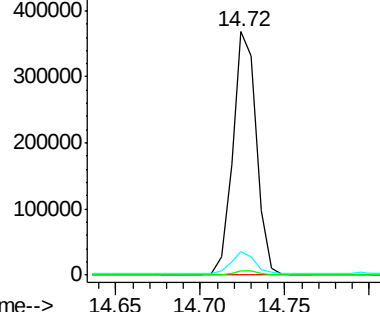
43 8.7 8.4 12.6



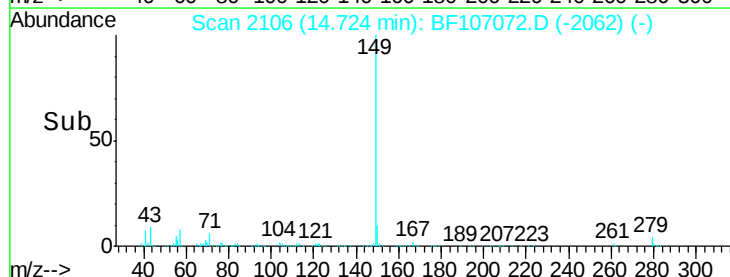
Abundance Ion 149.00 (148.70 to 149.70): E

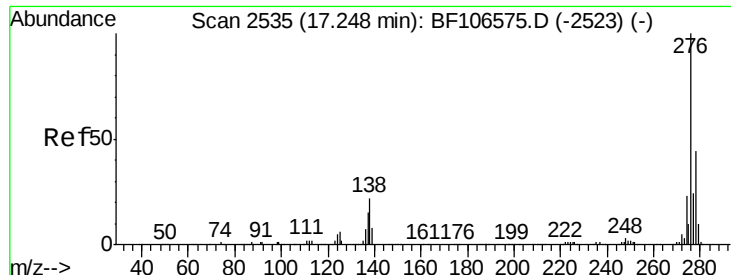
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



Time-->

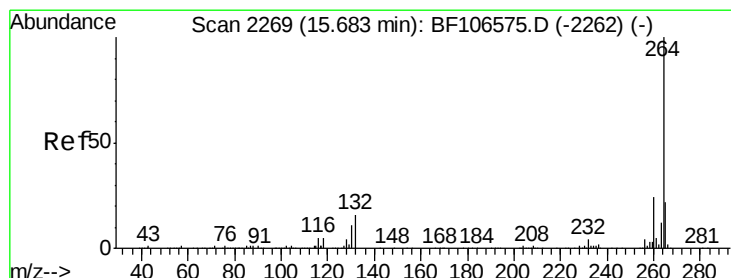
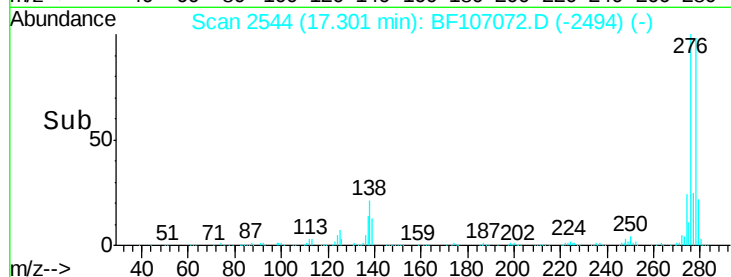
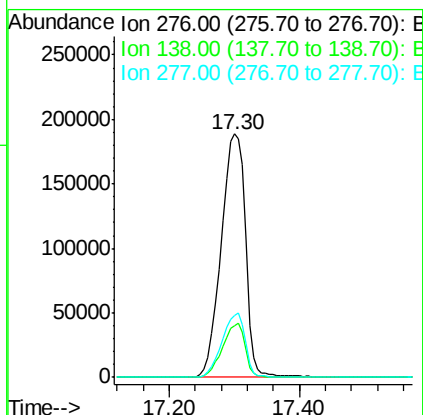
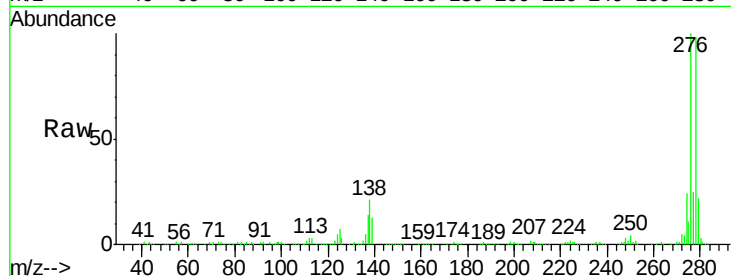




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.558 ng
 RT: 17.30 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

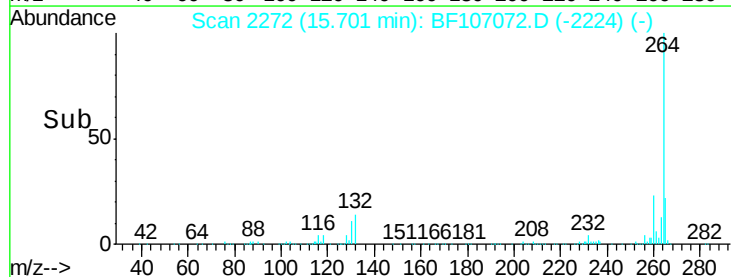
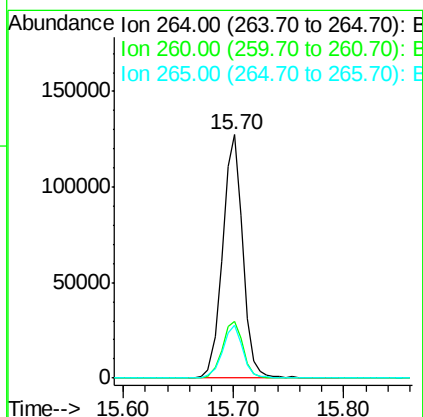
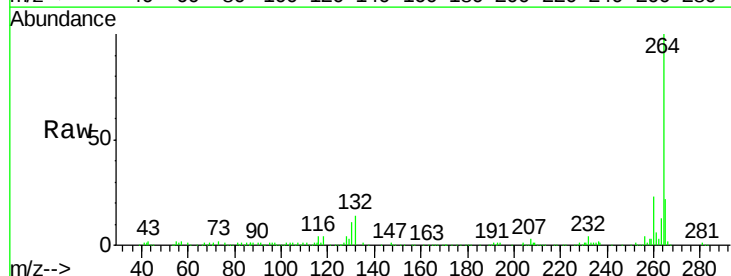
Instrument :
 BNA_F
 ClientSampleId :
 PB110757BS

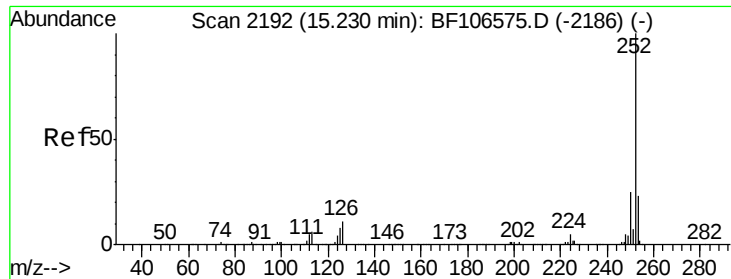
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF107072.D
 Acq: 3 Jul 2018 10:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

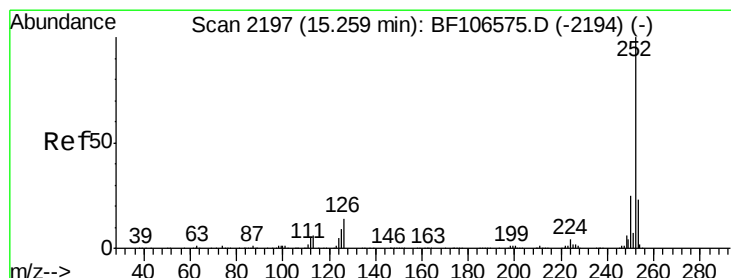
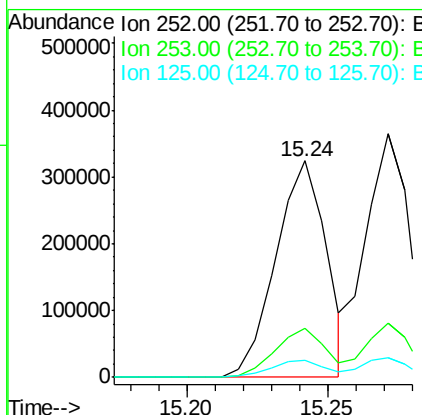
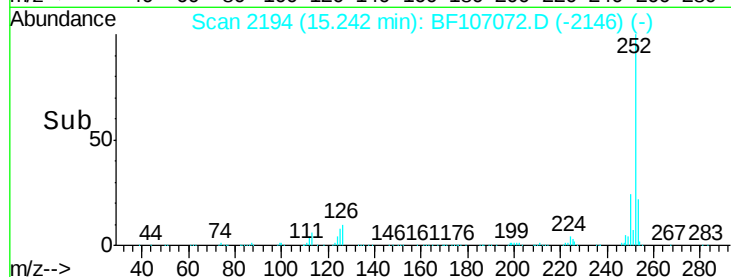
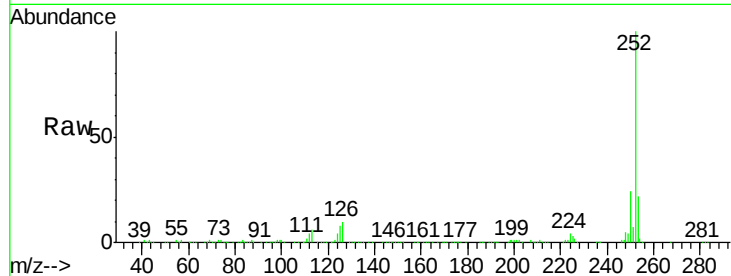




#87
Benzo(b)fluoranthene
Concen: 39.821 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

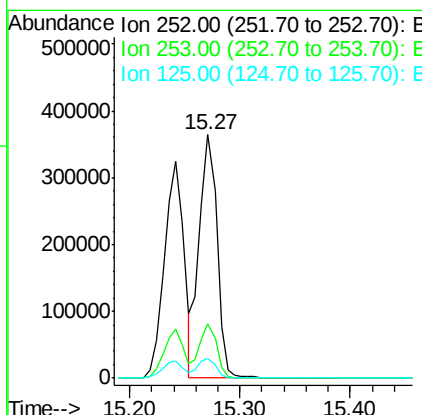
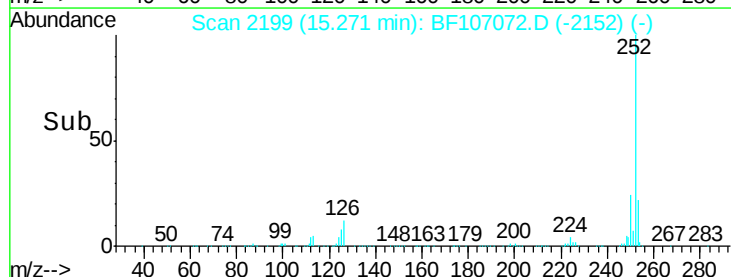
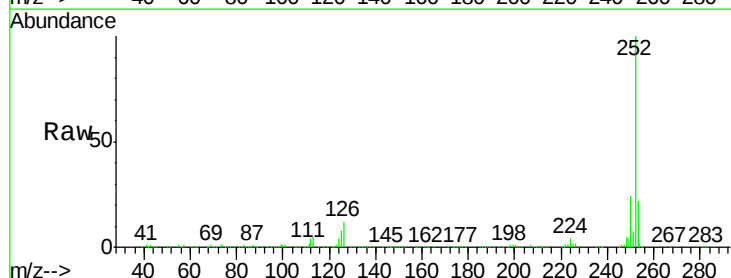
Instrument :
BNA_F
ClientSampleId :
PB110757BS

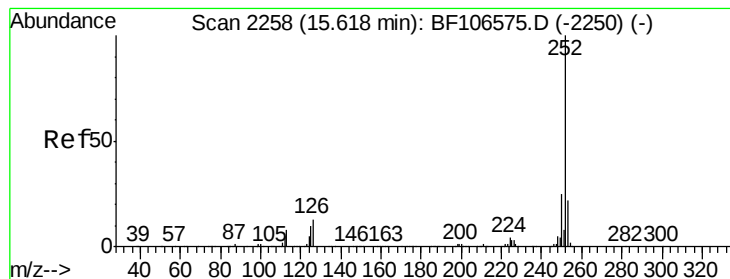
Tgt Ion:252 Resp: 402678
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 8.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 41.453 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF107072.D
Acq: 3 Jul 2018 10:39

Tgt Ion:252 Resp: 399184
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.1 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 45.067 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS

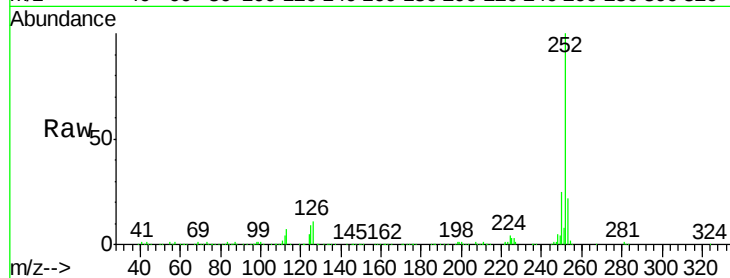
Tgt Ion:252 Resp: 405138

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

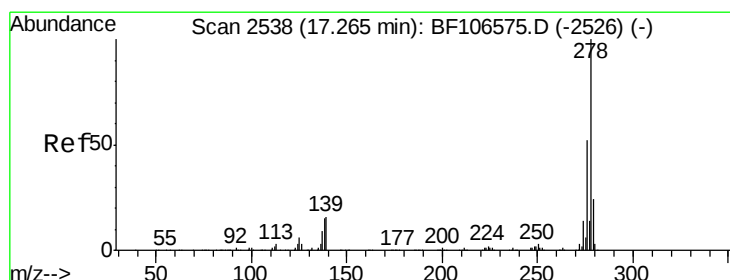
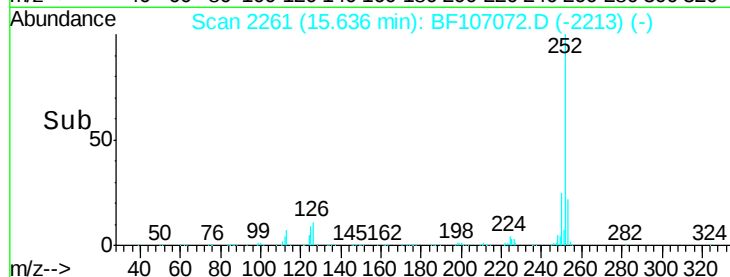
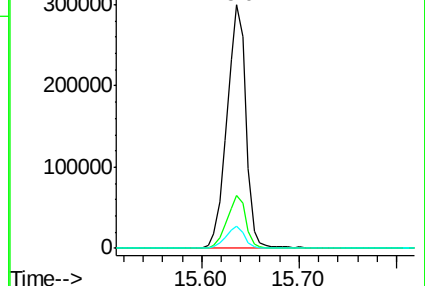
125 9.3 9.8 14.6#



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: 53.685 ng

RT: 17.31 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF107072.D

Acq: 3 Jul 2018 10:39

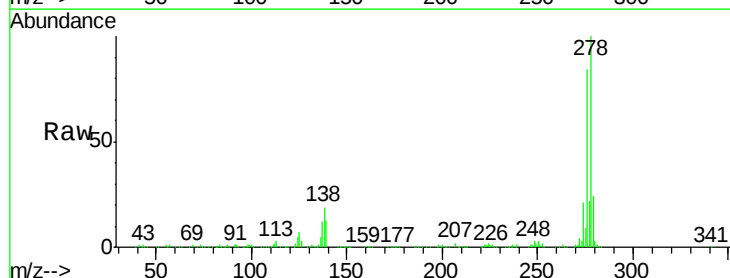
Tgt Ion:278 Resp: 409004

Ion Ratio Lower Upper

278 100

139 12.6 15.9 23.9#

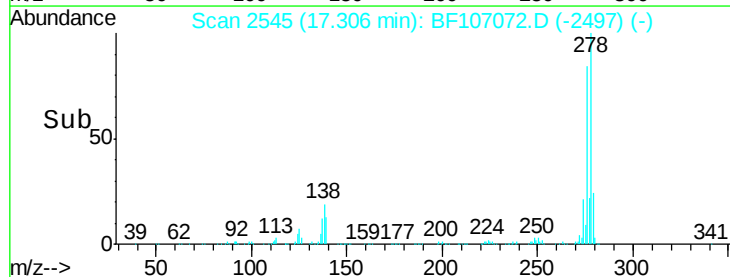
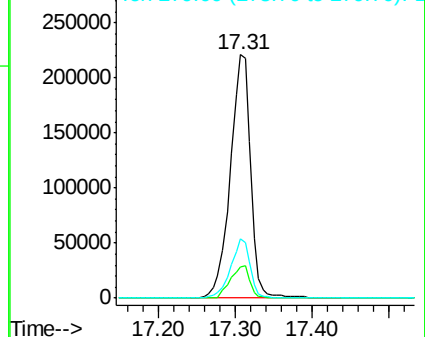
279 24.1 19.0 28.4

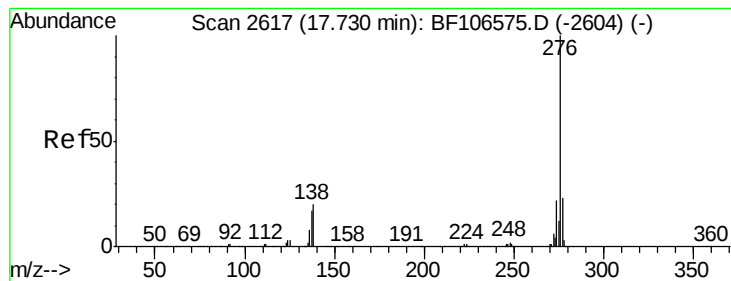


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.160 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BF107072.D

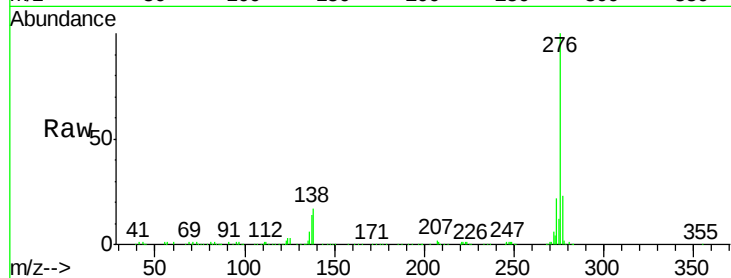
Acq: 3 Jul 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB110757BS



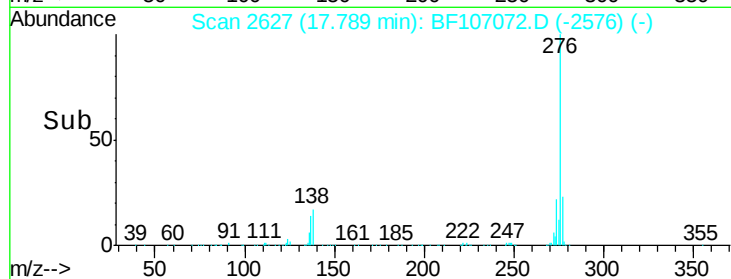
Tgt Ion: 276 Resp: 433091

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 17.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

