

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107398.D
 Acq On : 14 Jul 2018 6:14
 Operator : JU/SJ
 Sample : PB111110BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Quant Time: Jul 14 06:41:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	49516	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	174249	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	84432	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	166458	20.00	ng	0.00
75) Chrysene-d12	14.13	240	139517	20.00	ng	0.00
86) Perylene-d12	15.67	264	115652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	233490	79.85	ng	0.00
7) Phenol-d6	6.57	99	272878	74.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	247799	79.03	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	75021	76.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	442842	89.57	ng	0.00
78) Terphenyl-d14	13.05	244	542603	94.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	45739	30.424	ng	99
3) Pyridine	3.60	79	129056	31.653	ng	95
4) n-Nitrosodimethylamine	3.57	42	53877	31.112	ng	84
6) Aniline	6.60	93	109765	22.159	ng	# 78
8) 2-Chlorophenol	6.72	128	115472	36.003	ng	98
9) Benzaldehyde	6.48	77	72088	26.442	ng	97
10) Phenol	6.59	94	146250	35.093	ng	75
11) bis(2-Chloroethyl)ether	6.66	93	115773	33.650	ng	99
12) 1,3-Dichlorobenzene	6.87	146	136915	36.448	ng	98
13) 1,4-Dichlorobenzene	6.94	146	139866	36.828	ng	97
14) 1,2-Dichlorobenzene	7.10	146	126817	36.436	ng	98
15) Benzyl Alcohol	7.07	79	91463	31.192	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	162423	35.981	ng	# 35
17) 2-Methylphenol	7.19	107	97403	35.487	ng	# 89
18) Hexachloroethane	7.43	117	39563	29.623	ng	90
19) n-Nitroso-di-n-propylamine	7.34	70	82227	34.160	ng	92
20) 3+4-Methylphenols	7.35	107	127530	42.332	ng	96
22) Acetophenone	7.34	105	160160	41.084	ng	# 97
24) Nitrobenzene	7.51	77	121938	38.092	ng	97
25) Isophorone	7.75	82	217670	39.396	ng	97
26) 2-Nitrophenol	7.83	139	49904	33.023	ng	99
27) 2,4-Dimethylphenol	7.87	122	102606	43.928	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	142204	38.333	ng	98
29) 2,4-Dichlorophenol	8.08	162	97273	39.778	ng	92
30) 1,2,4-Trichlorobenzene	8.15	180	111514	41.395	ng	97
31) Naphthalene	8.23	128	319718	39.245	ng	99
32) Benzoic acid	8.00	122	26164	19.292	ng	97
33) 4-Chloroaniline	8.29	127	60055	17.569	ng	99
34) Hexachlorobutadiene	8.34	225	73666	41.967	ng	98
35) Caprolactam	8.67	113	28385	35.609	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	95801	37.220	ng	96
37) 2-Methylnaphthalene	8.92	142	225075	41.682	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	117290	41.250	ng	# 95
42) 2,4,6-Trichlorophenol	9.22	196	61646	32.616	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

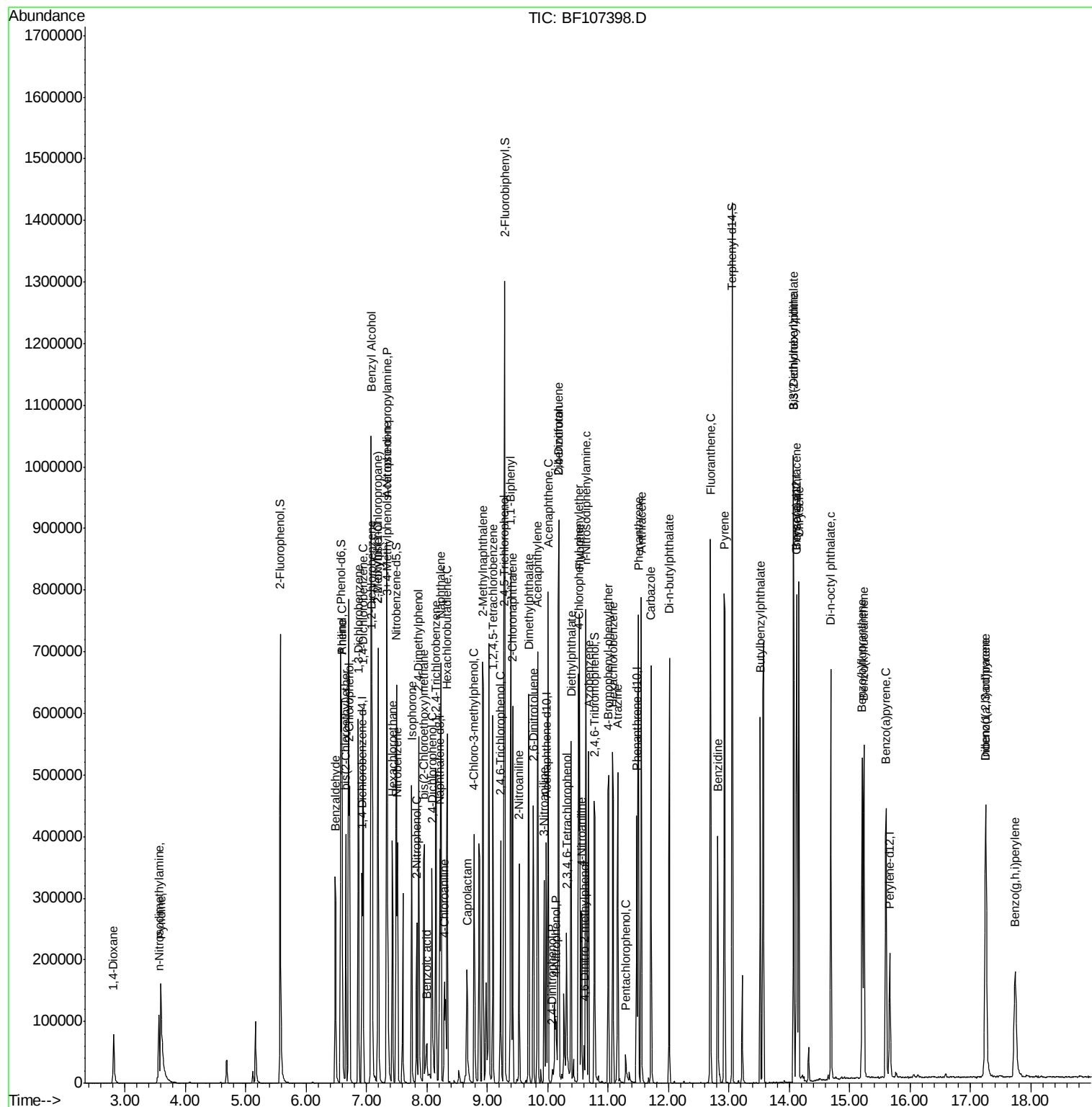
43) 2,4,5-Trichlorophenol	9.27	196	59609	30.224	ng	# 89
45) 1,1'-Biphenyl	9.39	154	268799	39.947	ng	97
46) 2-Chloronaphthalene	9.42	162	193204	36.477	ng	97
47) 2-Nitroaniline	9.53	65	61480	34.519	ng	98
48) Acenaphthylene	9.84	152	299177	35.777	ng	99
49) Dimethylphthalate	9.69	163	222309	35.106	ng	99
50) 2,6-Dinitrotoluene	9.77	165	47442	35.380	ng	93
51) Acenaphthene	10.01	154	179778	34.141	ng	97
52) 3-Nitroaniline	9.94	138	48677	31.546	ng	100
53) 2,4-Dinitrophenol	10.08	184	8787	17.113	ng	# 22
54) Dibenzofuran	10.18	168	272109	37.738	ng	95
55) 4-Nitrophenol	10.14	139	22516	20.905	ng	100
56) 2,4-Dinitrotoluene	10.18	165	57507	32.856	ng	# 92
57) Fluorene	10.53	166	220131	38.473	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	52458	33.461	ng	# 70
59) Diethylphthalate	10.39	149	215406	35.243	ng	# 93
60) 4-Chlorophenyl-phenylether	10.51	204	115932	38.724	ng	# 85
61) 4-Nitroaniline	10.57	138	51262	33.474	ng	91
62) Azobenzene	10.67	77	201872	33.541	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	12174	11.831	ng	76
65) n-Nitrosodiphenylamine	10.64	169	187286	33.451	ng	98
66) 4-Bromophenyl-phenylether	11.01	248	74696	37.600	ng	# 77
67) Hexachlorobenzene	11.08	284	79748	38.354	ng	# 87
68) Atrazine	11.16	200	63403	35.622	ng	95
69) Pentachlorophenol	11.29	266	16808	16.201	ng	97
70) Phenanthrene	11.50	178	321150	40.001	ng	99
71) Anthracene	11.55	178	335018	40.882	ng	99
72) Carbazole	11.71	167	295774	38.551	ng	97
73) Di-n-butylphthalate	12.01	149	334149	36.968	ng	99
74) Fluoranthene	12.69	202	361084	40.804	ng	96
76) Benzidine	12.82	184	178531	44.931	ng	97
77) Pyrene	12.93	202	366615	39.849	ng	100
79) Butylbenzylphthalate	13.52	149	144167	38.113	ng	# 97
80) Benzo(a)anthracene	14.12	228	320719	37.718	ng	100
81) 3,3'-Dichlorobenzidine	14.08	252	105411	35.272	ng	# 96
82) Chrysene	14.16	228	303210	38.760	ng	98
83) Bis(2-ethylhexyl)phthalate	14.07	149	188005	38.876	ng	# 96
84) Di-n-octyl phthalate	14.69	149	324721	41.193	ng	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	250239	37.694	ng	# 90
87) Benzo(b)fluoranthene	15.21	252	264094	36.760	ng	# 96
88) Benzo(k)fluoranthene	15.24	252	266353	38.932	ng	# 94
89) Benzo(a)pyrene	15.60	252	249944	39.136	ng	# 97
90) Dibenzo(a,h)anthracene	17.25	278	212435	39.248	ng	# 92
91) Benzo(g,h,i)perylene	17.74	276	206755	39.081	ng	# 91

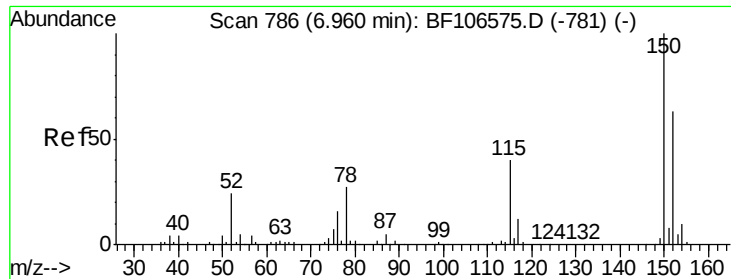
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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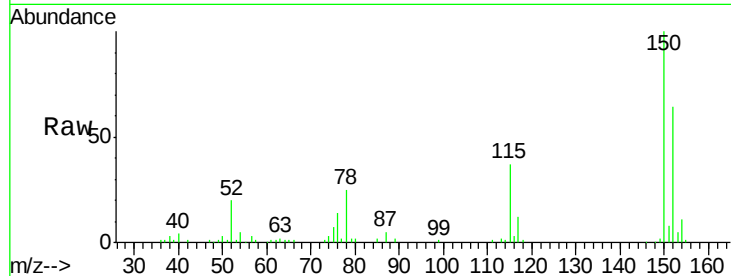


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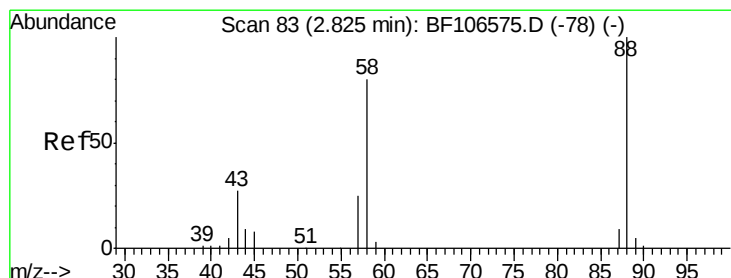
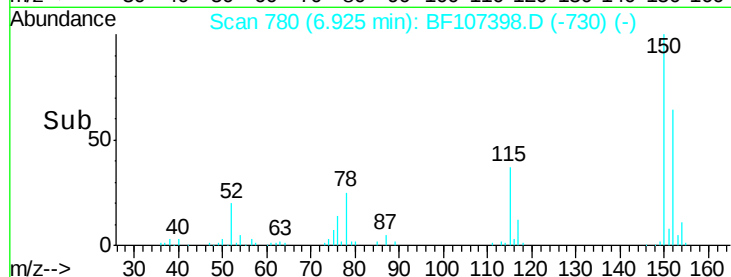
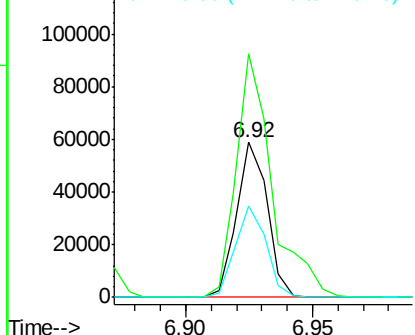
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion: 152 Resp: 49516
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 58.8 50.1 75.1



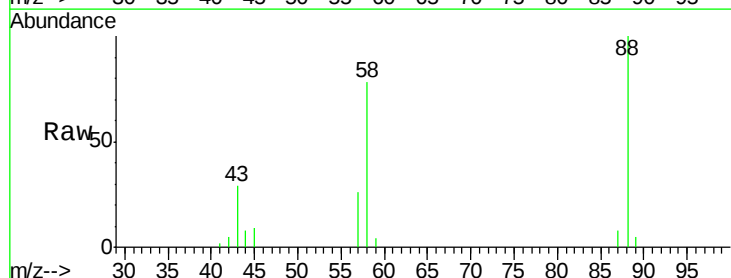
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



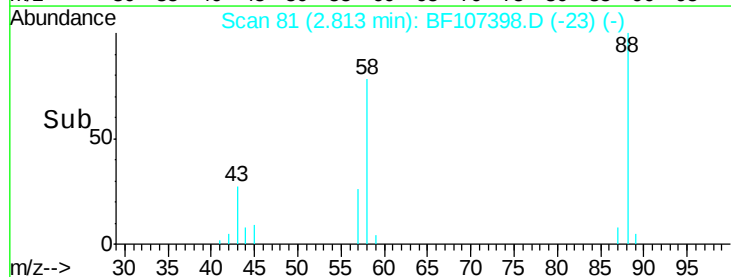
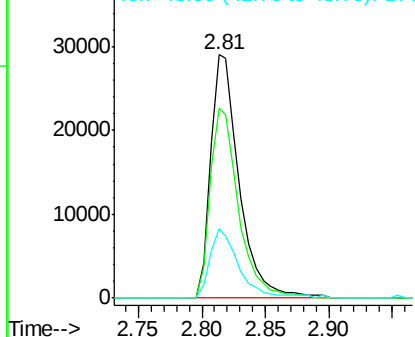
#2

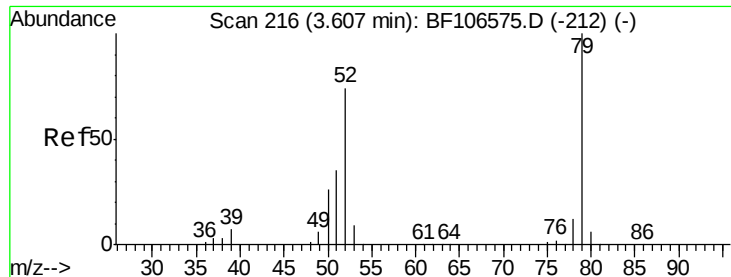
1,4-Dioxane
Concen: 30.424 ng
RT: 2.81 min Scan# 81
Delta R.T. 0.04 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion: 88 Resp: 45739
Ion Ratio Lower Upper
88 100
58 77.8 62.6 93.8
43 29.4 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

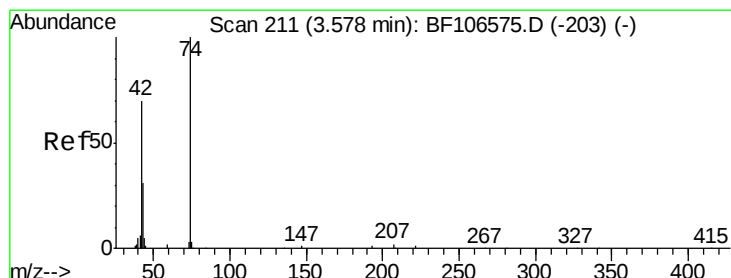
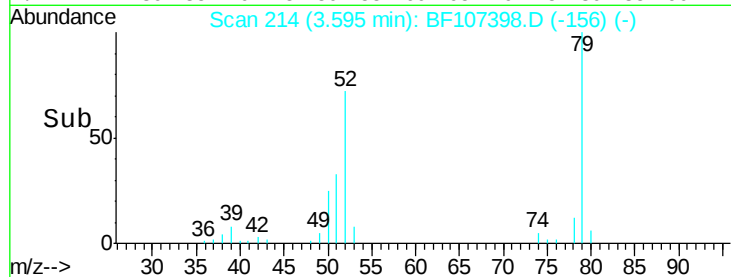
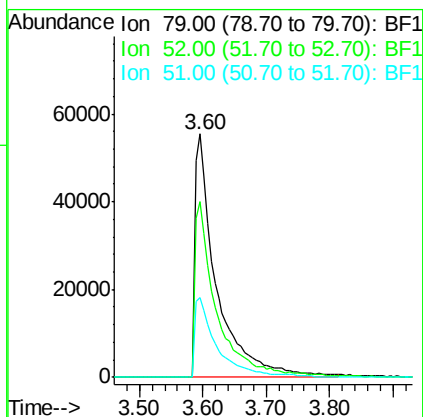
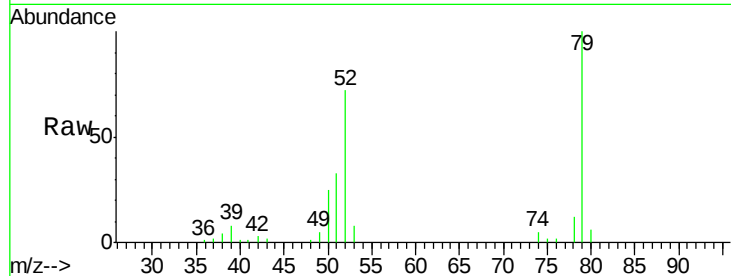




#3
 Pyridine
 Concen: 31.653 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.04 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

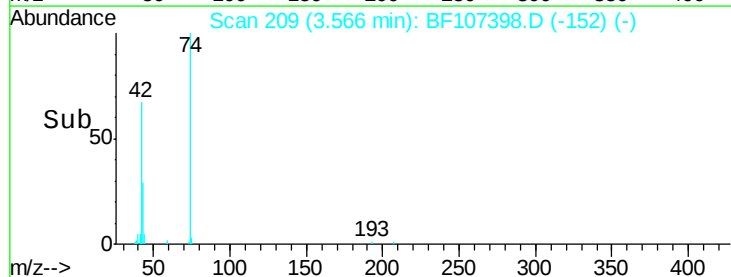
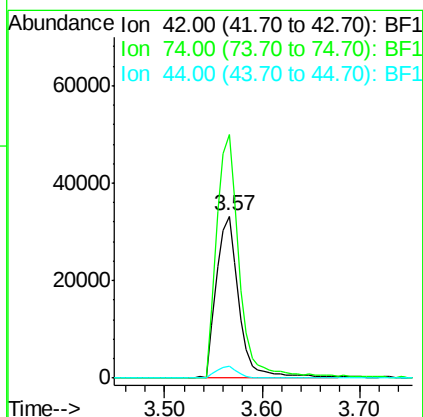
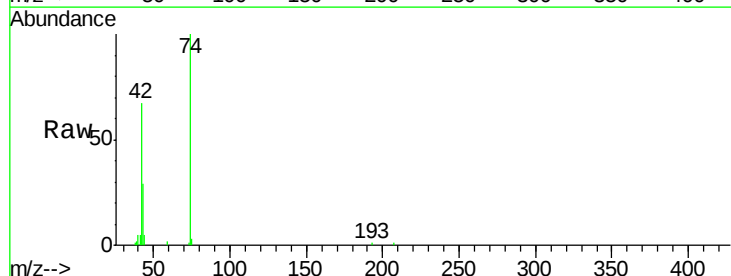
Instrument :
 BNA_F
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 PB111110BSD

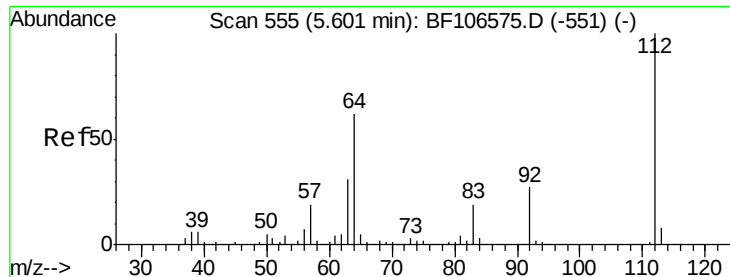
Tgt Ion: 79 Resp: 129056
 Ion Ratio Lower Upper
 79 100
 52 72.2 59.8 89.6
 51 32.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 31.112 ng
 RT: 3.57 min Scan# 209
 Delta R.T. 0.04 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 42 Resp: 53877
 Ion Ratio Lower Upper
 42 100
 74 150.3 104.9 157.3
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 79.847 ng

RT: 5.57 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

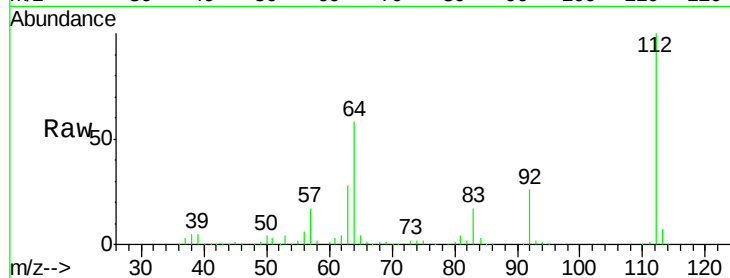
Tgt Ion: 112 Resp: 233490

Ion Ratio Lower Upper

112 100

64 58.4 47.9 71.9

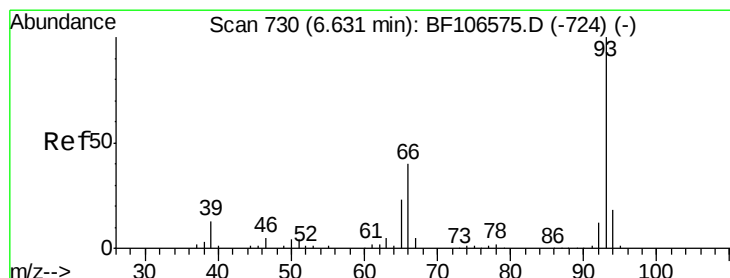
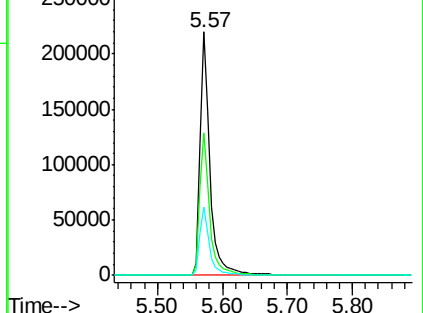
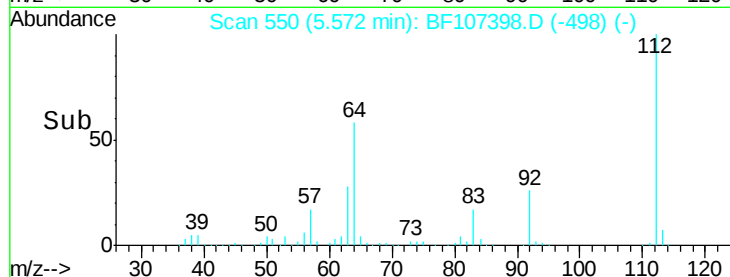
63 27.8 23.7 35.5



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: 22.159 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

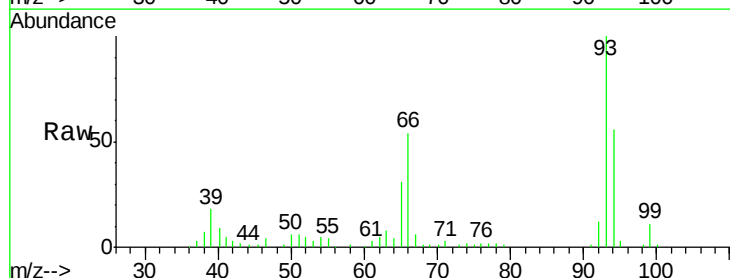
Tgt Ion: 93 Resp: 109765

Ion Ratio Lower Upper

93 100

66 53.8 32.2 48.2#

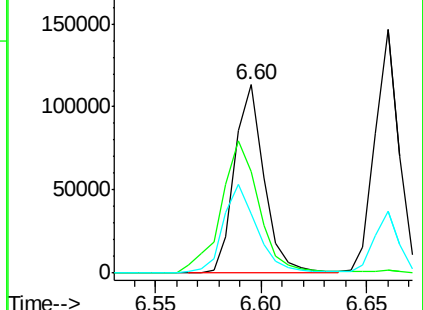
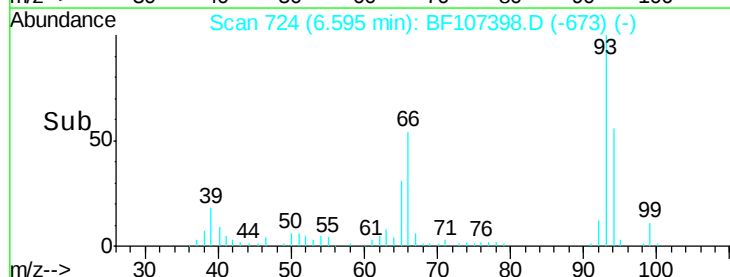
65 31.3 16.4 24.6#

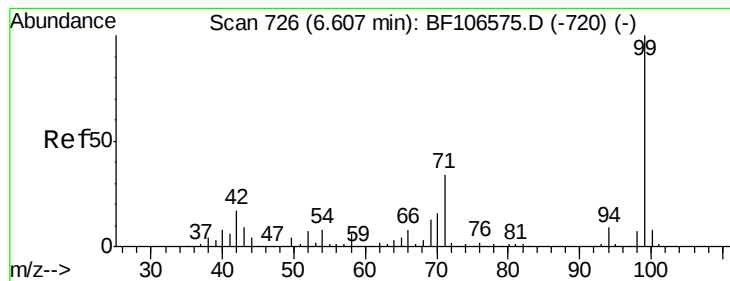


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.725 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107398.D

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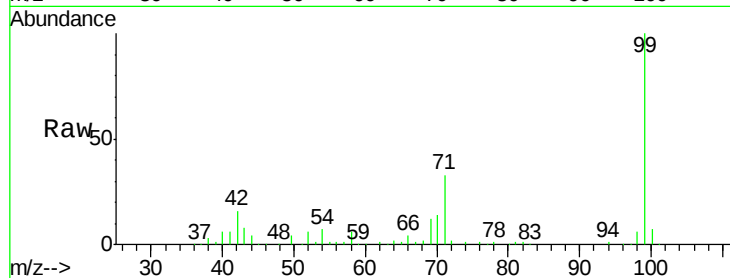
Tgt Ion: 99 Resp: 272878

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

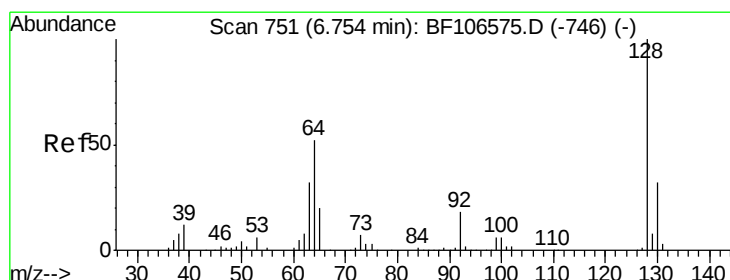
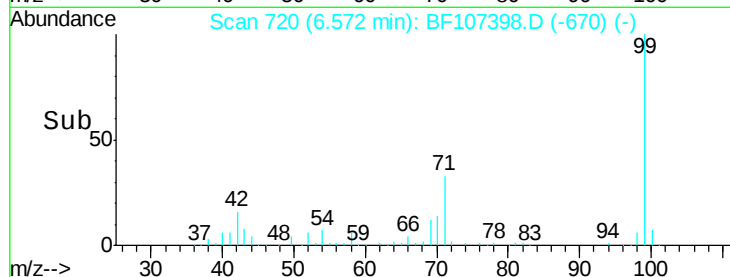
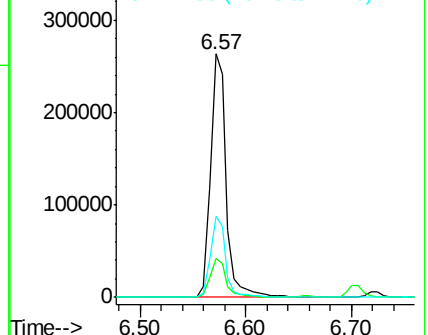
71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.003 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

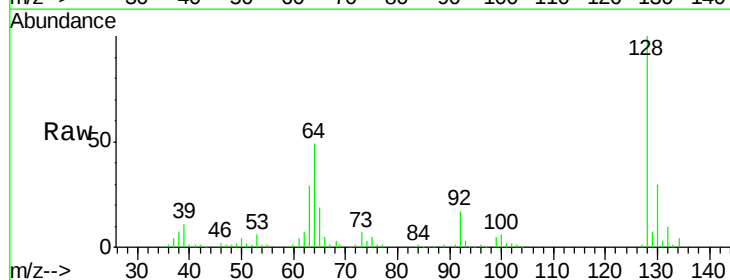
Tgt Ion: 128 Resp: 115472

Ion Ratio Lower Upper

128 100

130 30.2 13.0 53.0

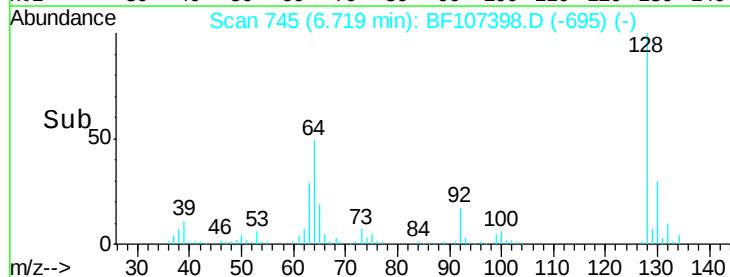
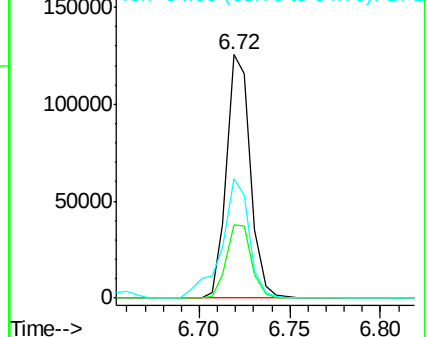
64 49.2 29.4 69.4

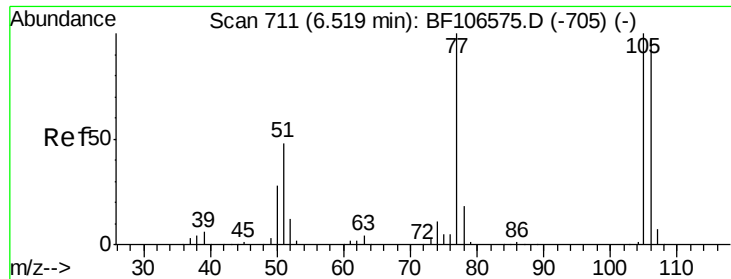


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.442 ng

RT: 6.48 min Scan# 705

Delta R.T. -0.01 min

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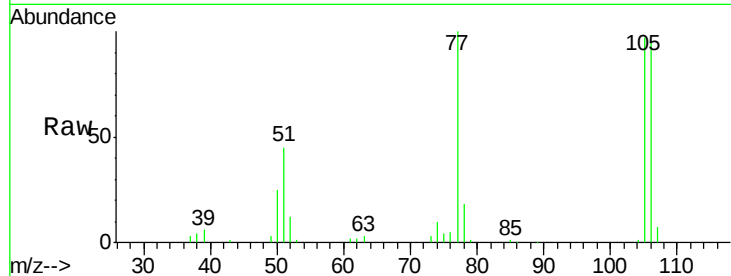
Tgt Ion: 77 Resp: 72088

Ion Ratio Lower Upper

77 100

105 96.6 81.1 121.1

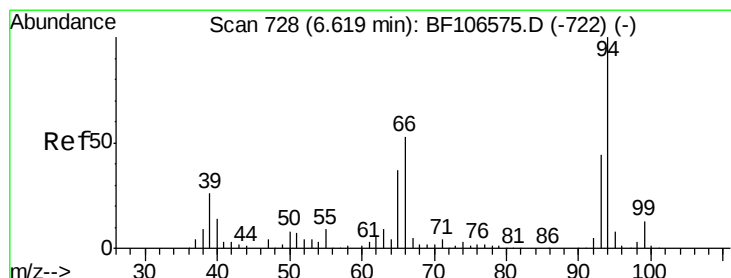
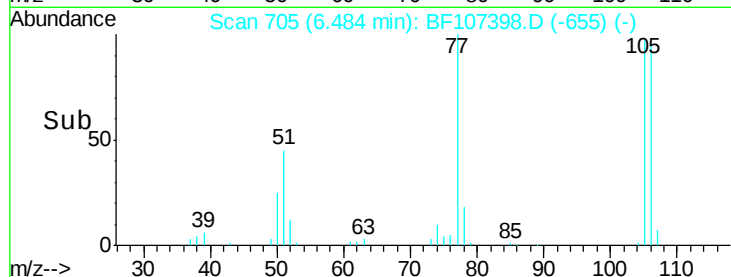
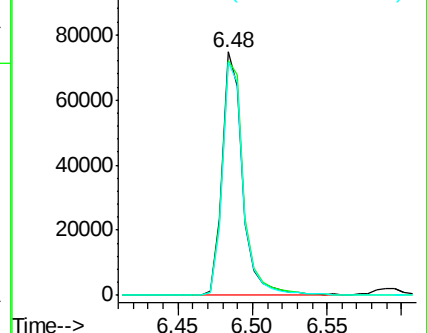
106 95.8 74.5 114.5



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: 35.093 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

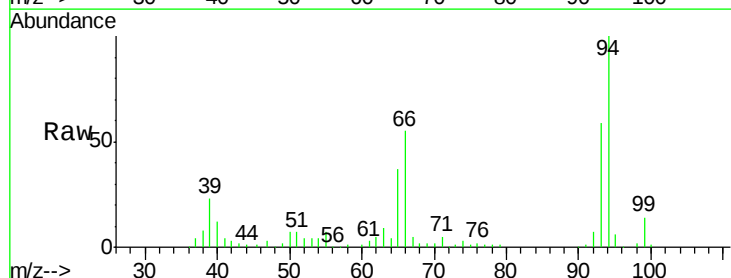
Tgt Ion: 94 Resp: 146250

Ion Ratio Lower Upper

94 100

65 37.0 7.9 47.9

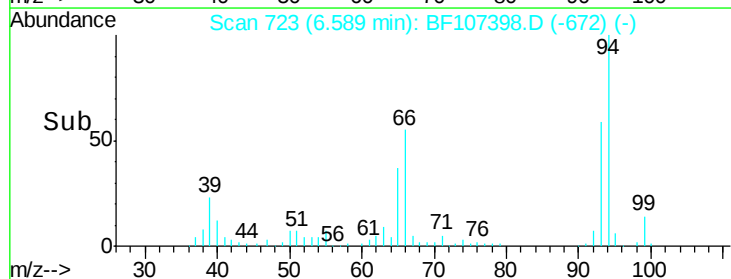
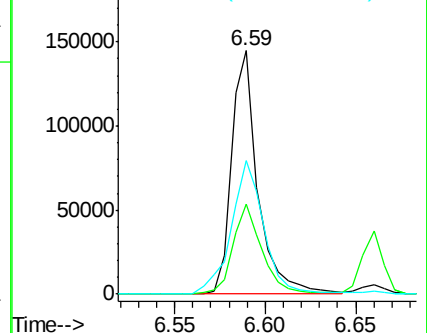
66 55.0 16.2 56.2

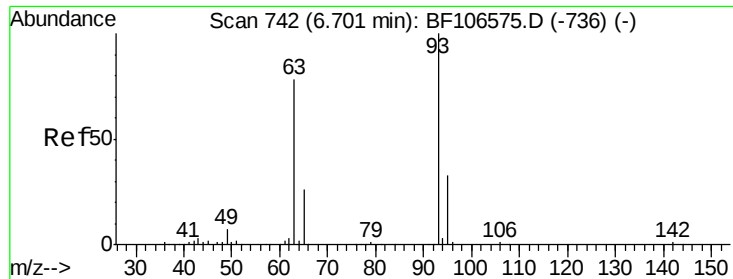


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

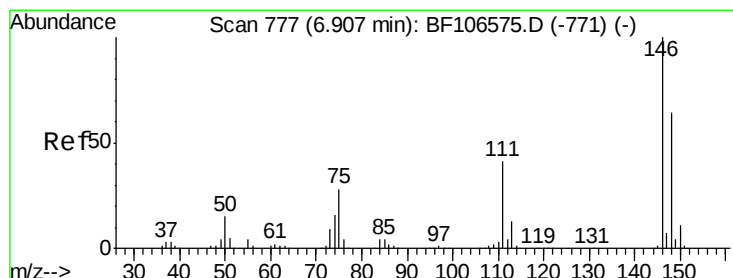
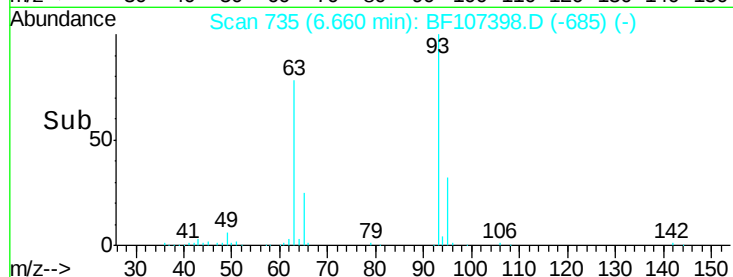
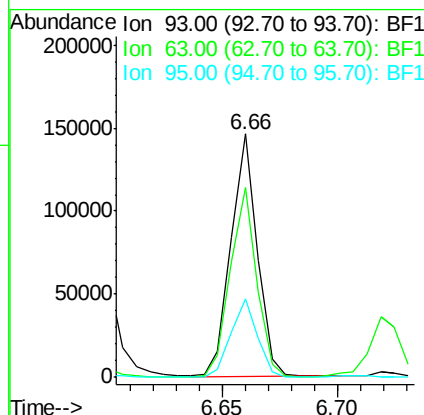
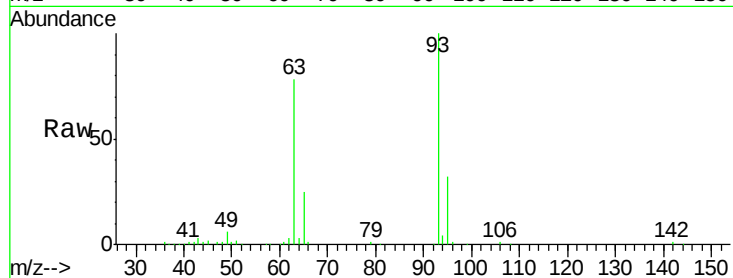




#11
 bis(2-Chloroethyl)ether
 Concen: 33.650 ng
 RT: 6.66 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

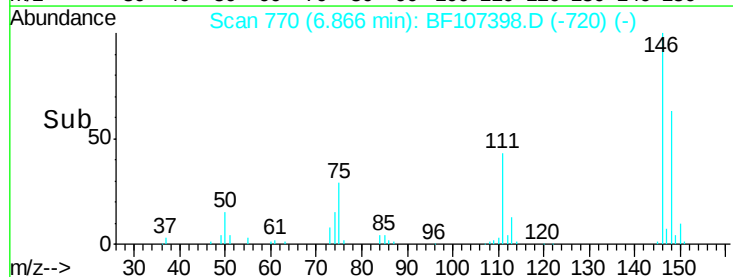
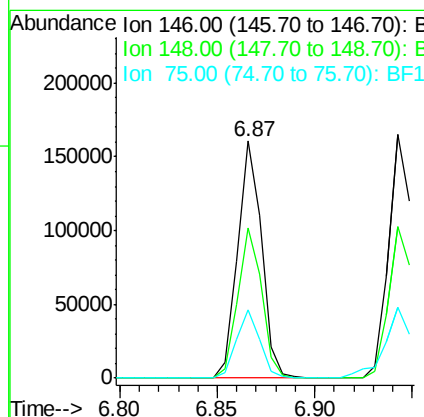
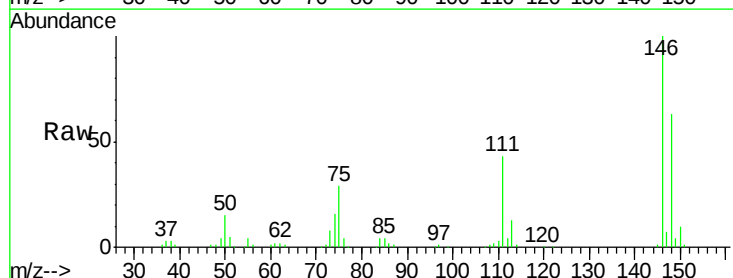
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

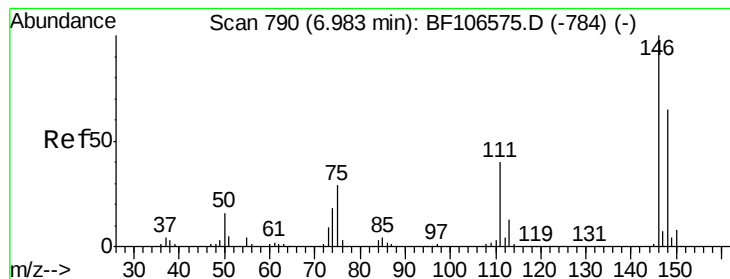
Tgt Ion: 93 Resp: 115773
 Ion Ratio Lower Upper
 93 100
 63 78.2 58.6 98.6
 95 32.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 36.448 ng
 RT: 6.87 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 146 Resp: 136915
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.8
 75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.828 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

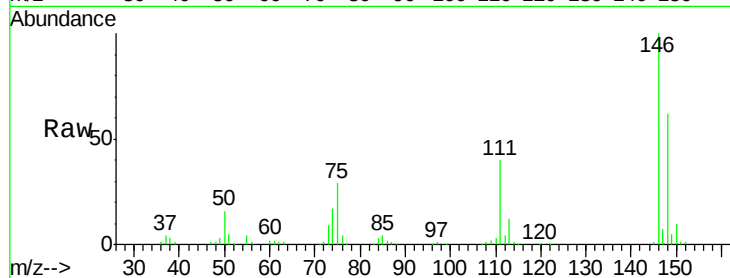
Tgt Ion:146 Resp: 139866

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

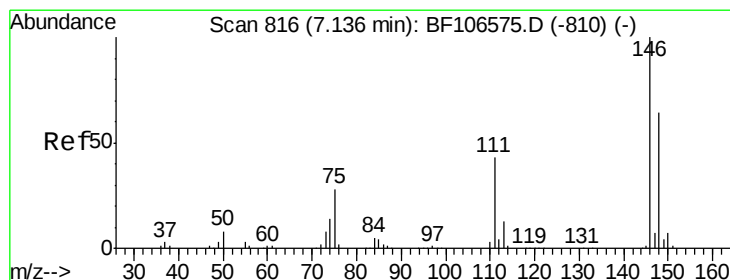
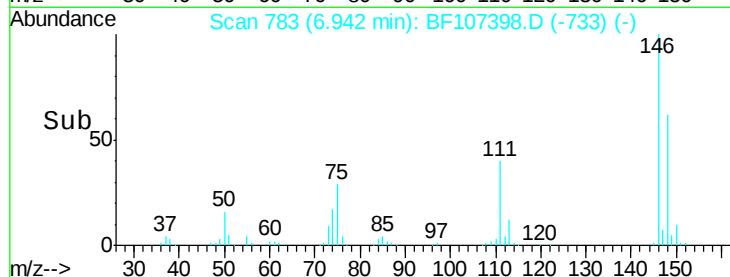
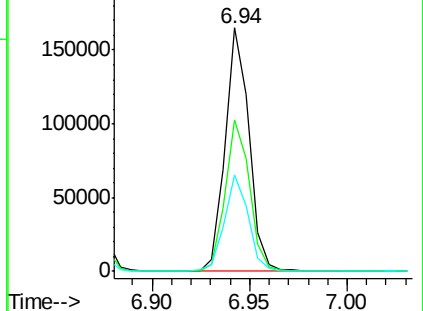
111 39.8 34.2 51.2



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: 36.436 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

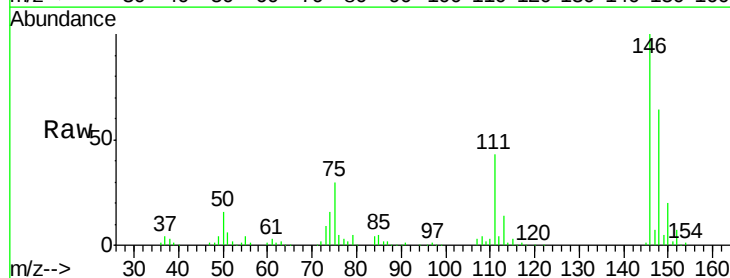
Tgt Ion:146 Resp: 126817

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

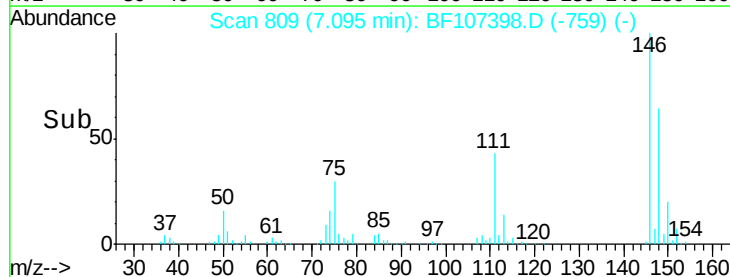
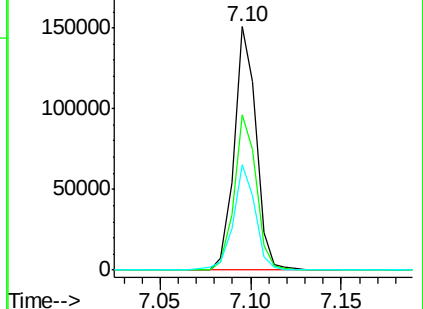
111 43.2 36.0 54.0

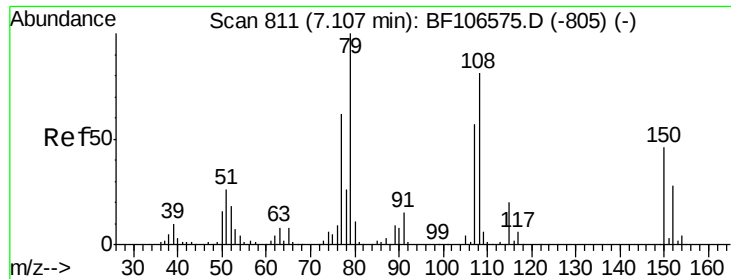


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

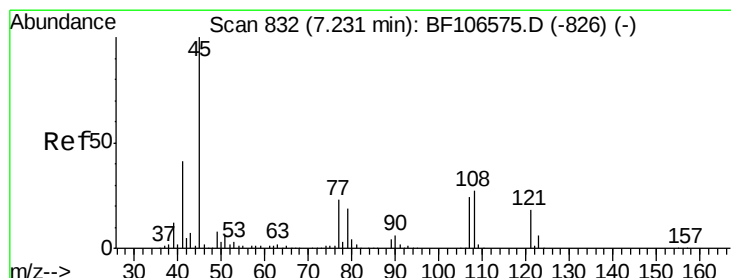
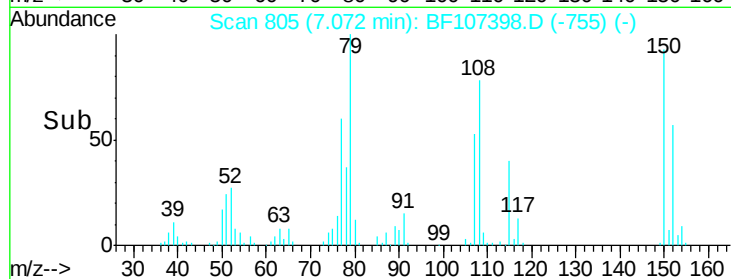
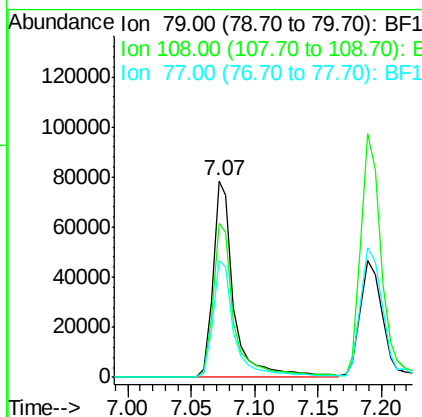
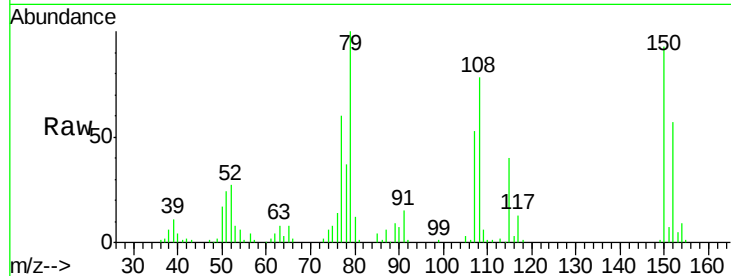




#15
Benzyl Alcohol
Concen: 31.192 ng
RT: 7.07 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

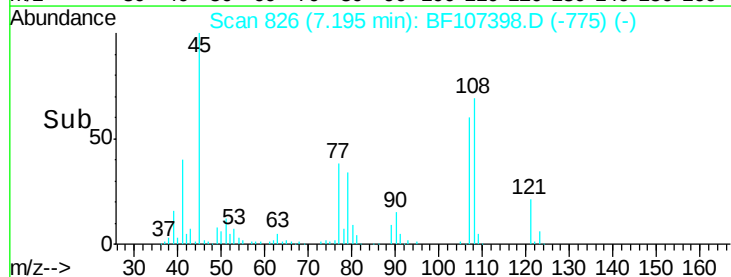
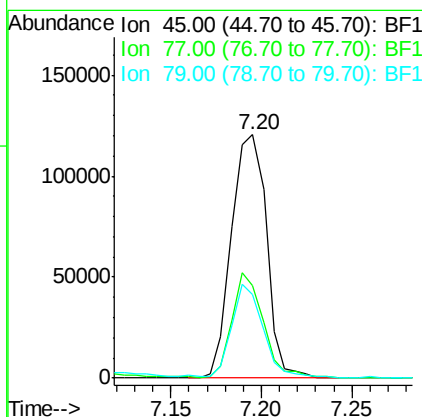
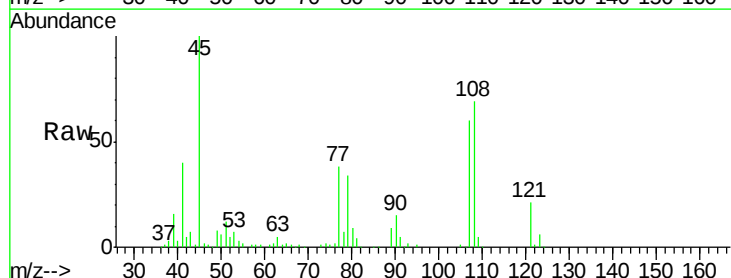
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

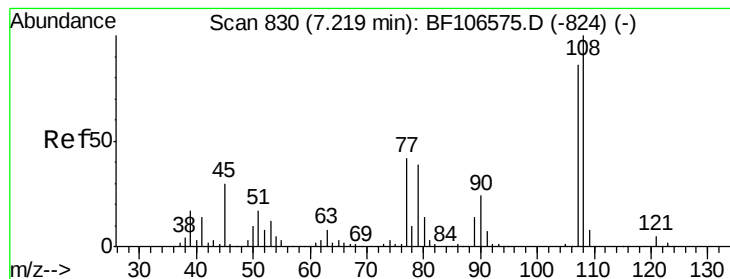
Tgt Ion: 79 Resp: 91463
Ion Ratio Lower Upper
79 100
108 78.1 65.1 97.7
77 59.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.981 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion: 45 Resp: 162423
Ion Ratio Lower Upper
45 100
77 38.2 0.0 32.9#
79 34.2 0.0 29.6#





#17

2-Methylphenol

Concen: 35.487 ng

RT: 7.19 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tgt Ion:107 Resp: 97403

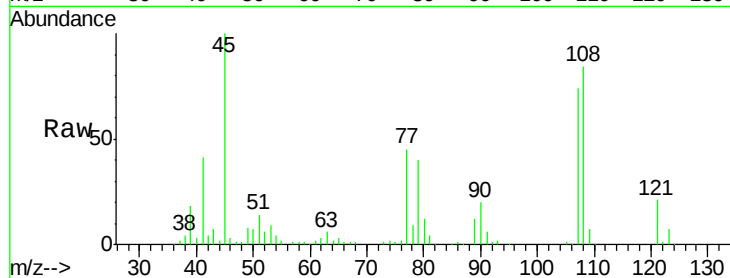
Ion Ratio Lower Upper

107 100

108 113.4 91.7 137.5

77 60.5 33.8 50.8#

79 54.2 33.8 50.8#

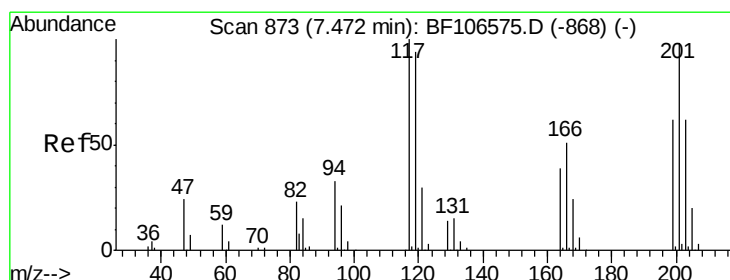
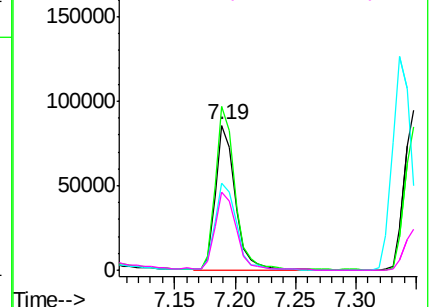
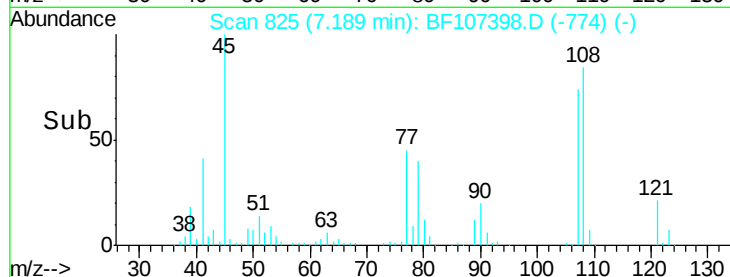


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 29.623 ng

RT: 7.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

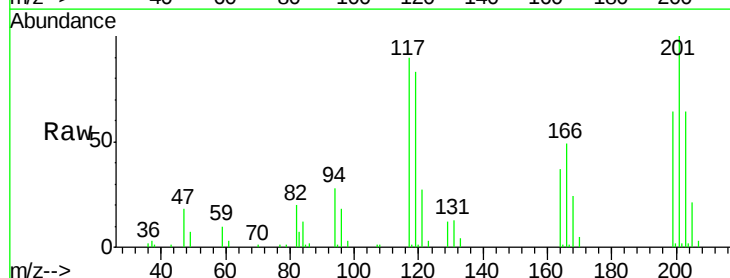
Tgt Ion:117 Resp: 39563

Ion Ratio Lower Upper

117 100

119 92.3 75.8 113.8

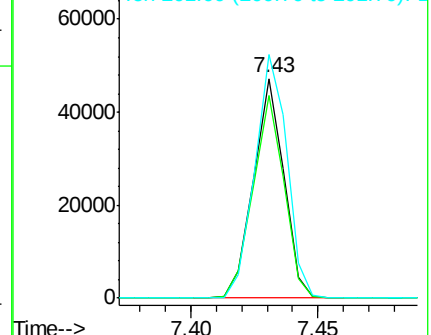
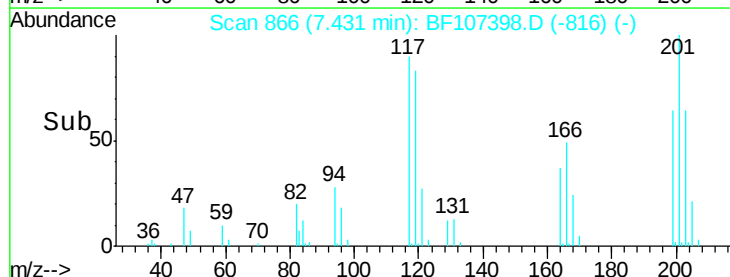
201 111.0 75.7 113.5

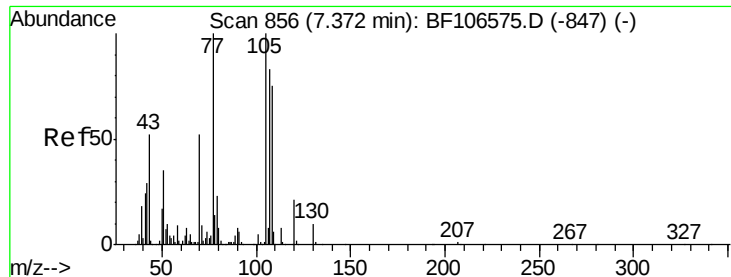


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

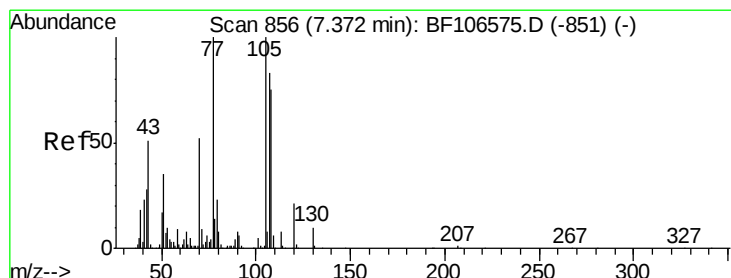
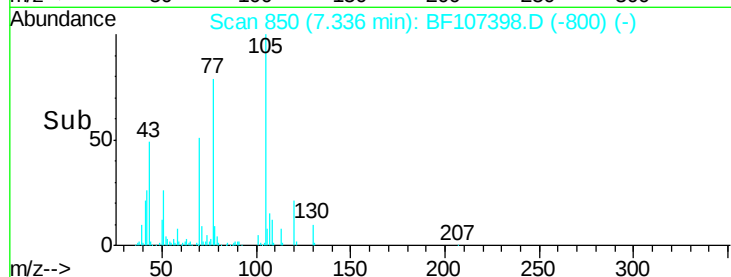
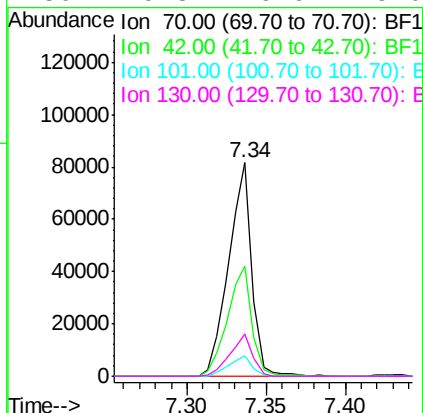
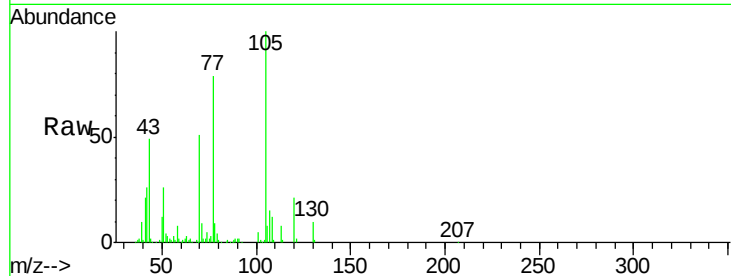




#19
n-Nitroso-di-n-propylamine
Concen: 34.160 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

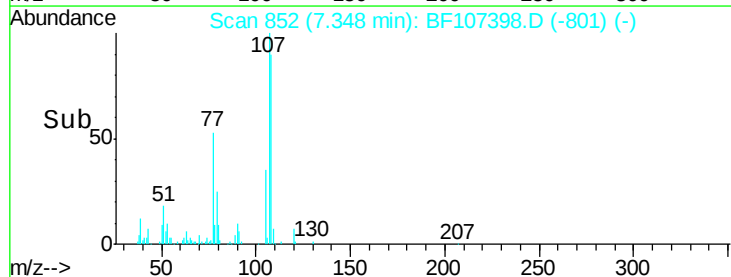
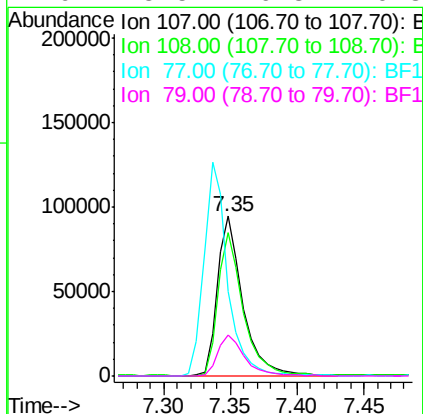
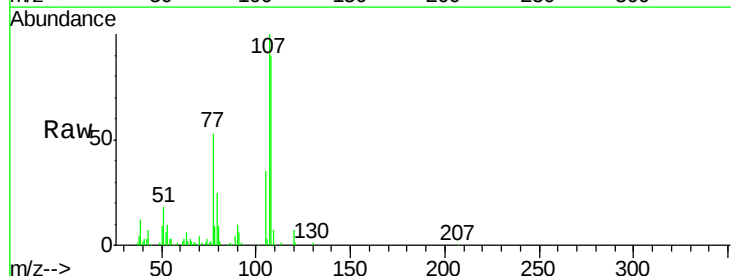
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

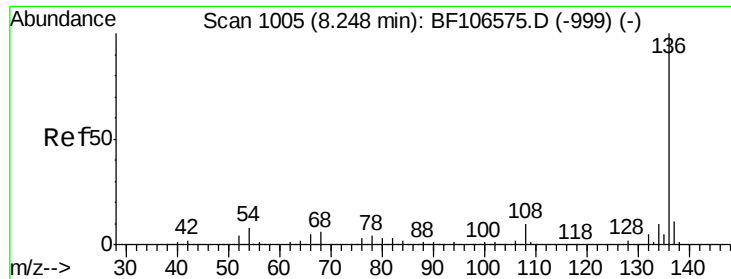
Tgt Ion:	70	Resp:	82227
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	9.9	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.332 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:	107	Resp:	127530
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	52.7	26.7	66.7
79	25.5	6.3	46.3

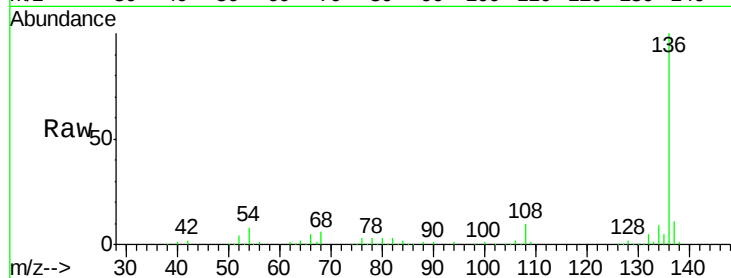




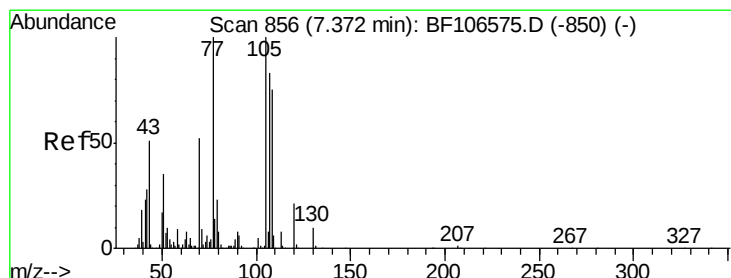
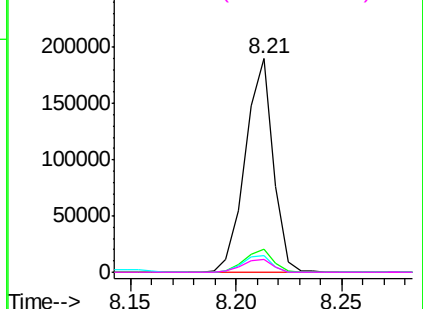
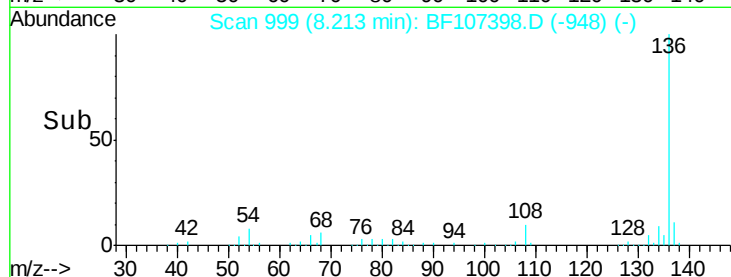
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:	136	Resp:	174249
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4

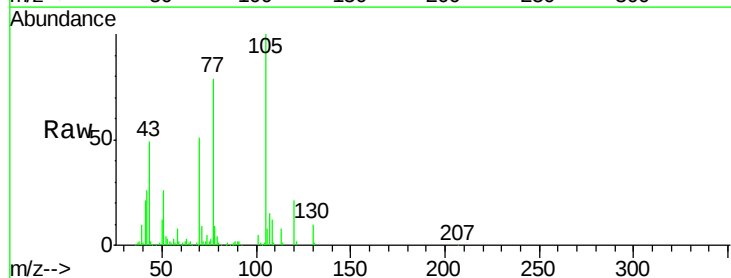


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

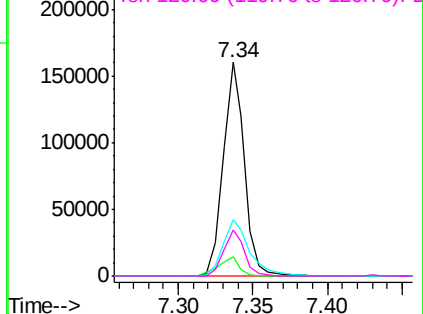
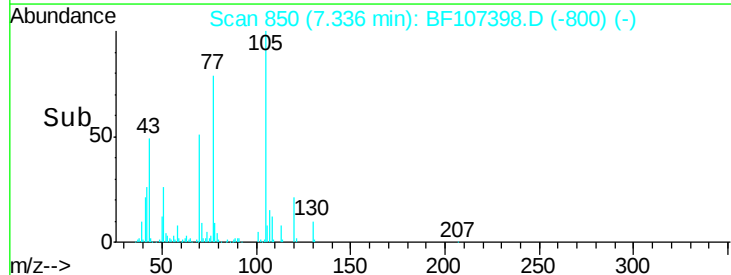


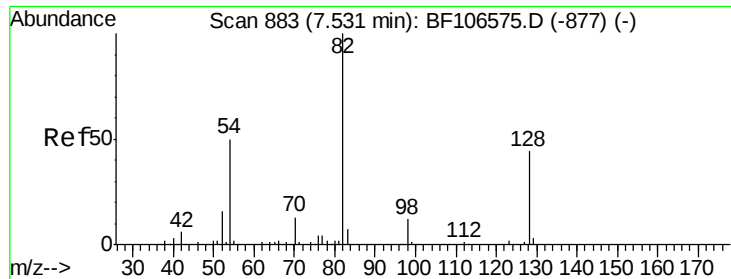
#22
Acetophenone
Concen: 41.084 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:	105	Resp:	160160
Ion	Ratio	Lower	Upper
105	100		
71	8.8	4.4	6.6#
51	26.2	22.3	33.5
120	21.3	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

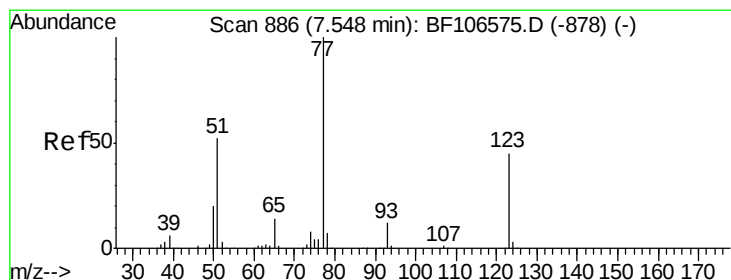
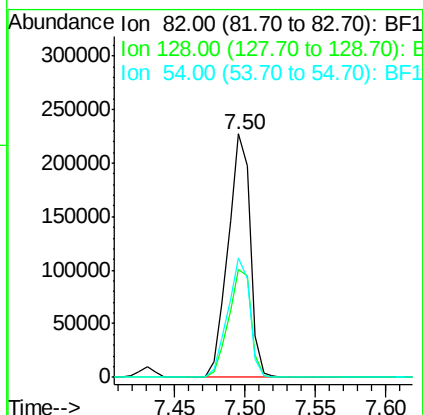
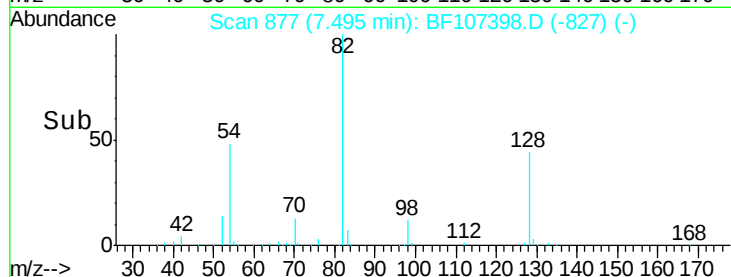
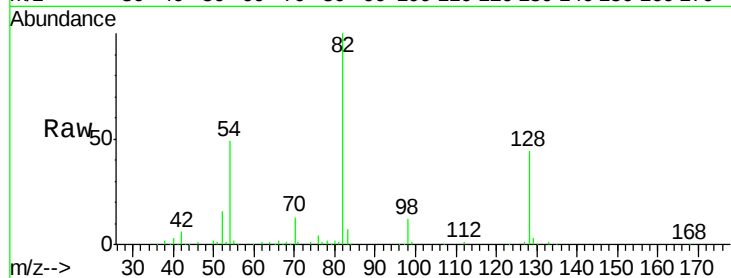




#23
 Nitrobenzene-d5
 Concen: 79.031 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

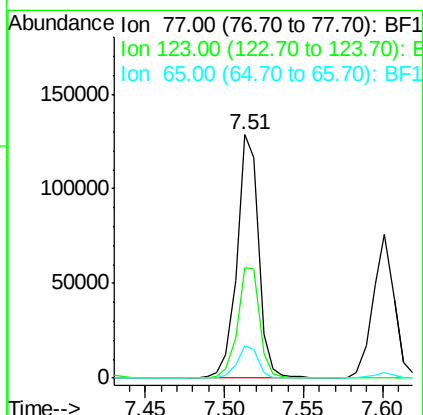
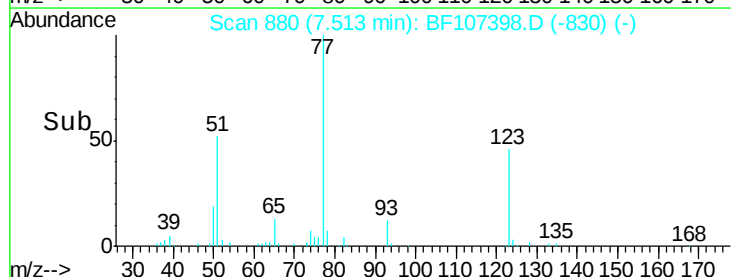
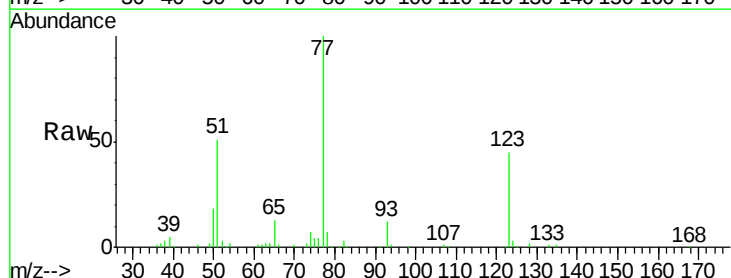
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

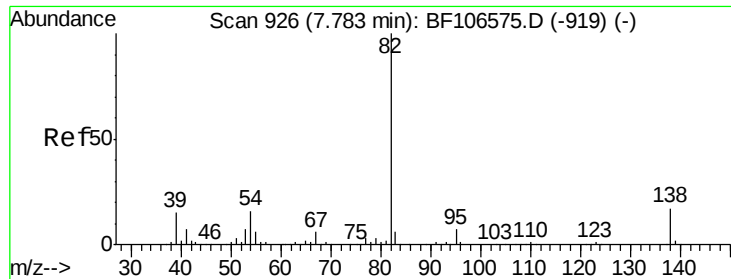
Tgt Ion: 82 Resp: 247799
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 48.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 38.092 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 77 Resp: 121938
 Ion Ratio Lower Upper
 77 100
 123 45.3 37.9 56.9
 65 13.1 11.0 16.4

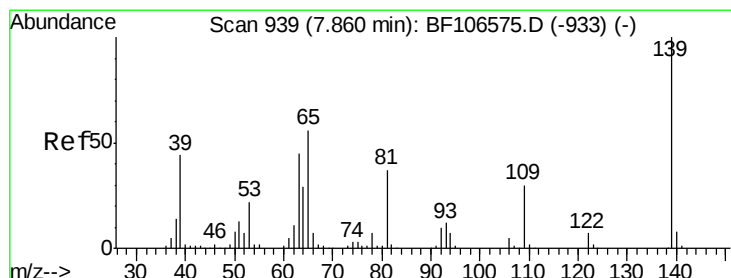
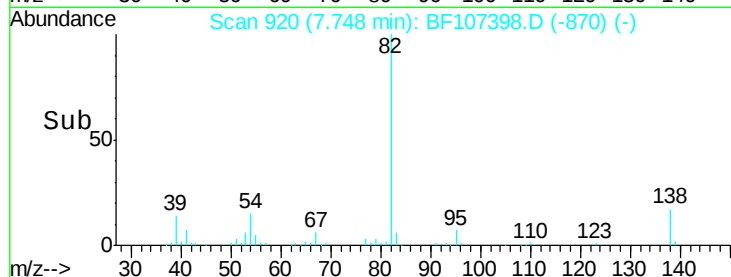
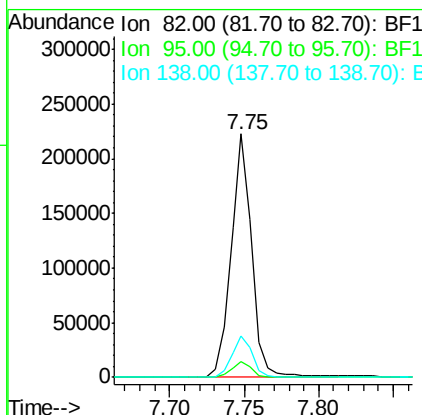
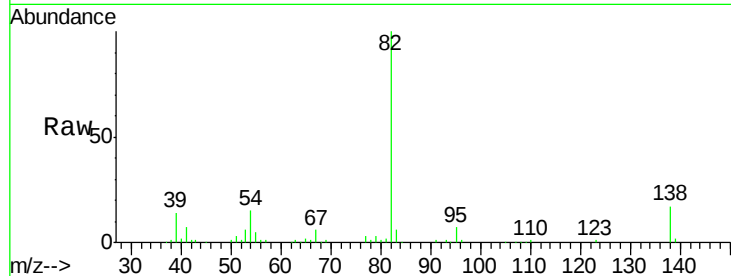




#25
Isophorone
Concen: 39.396 ng
RT: 7.75 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

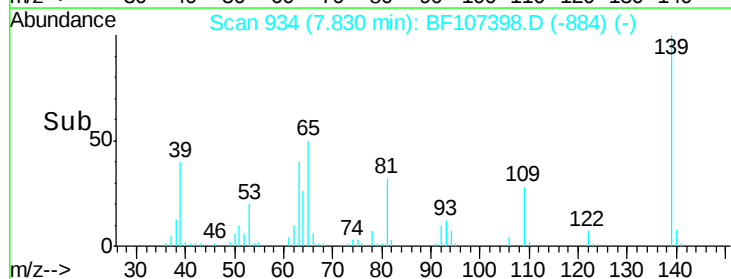
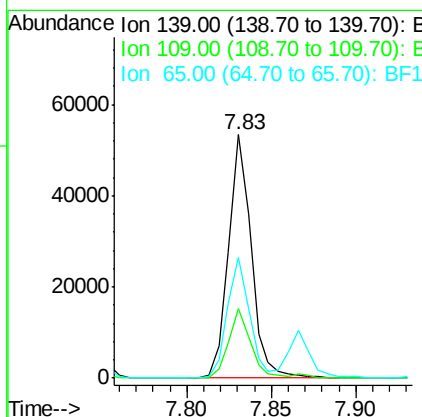
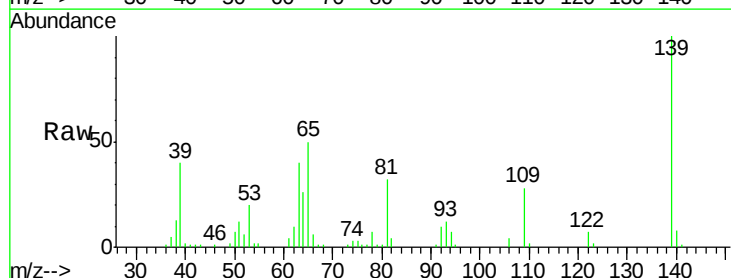
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

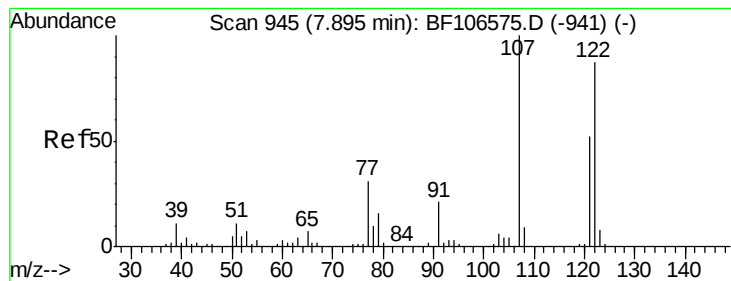
Tgt Ion: 82 Resp: 217670
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.0 14.9 22.3



#26
2-Nitrophenol
Concen: 33.023 ng
RT: 7.83 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion: 139 Resp: 49904
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.928 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

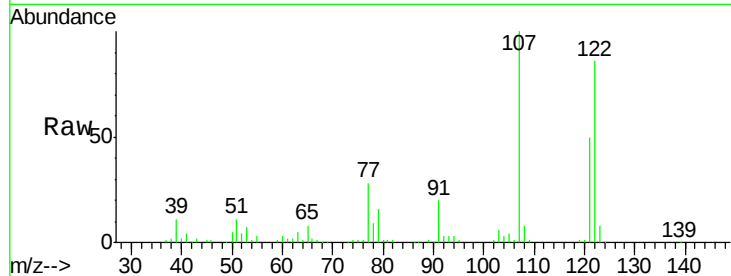
Tgt Ion:122 Resp: 102606

Ion Ratio Lower Upper

122 100

107 115.6 91.2 136.8

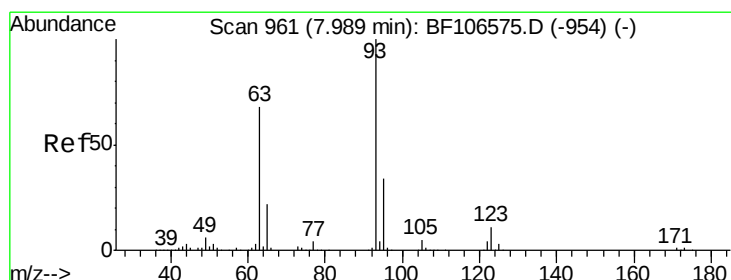
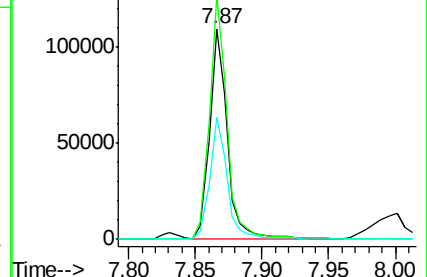
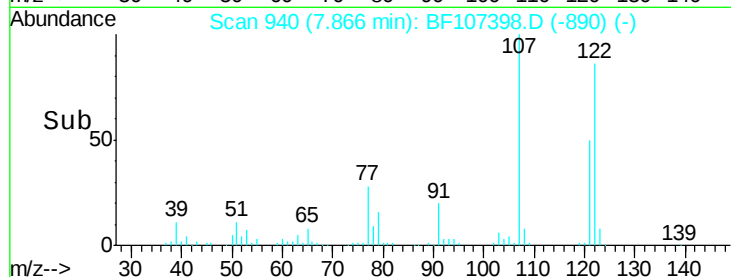
121 58.1 47.2 70.8



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: 38.333 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

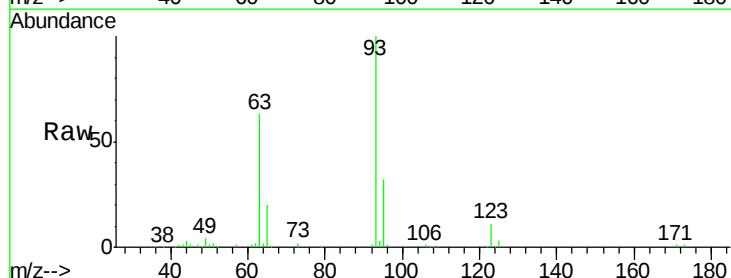
Tgt Ion: 93 Resp: 142204

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

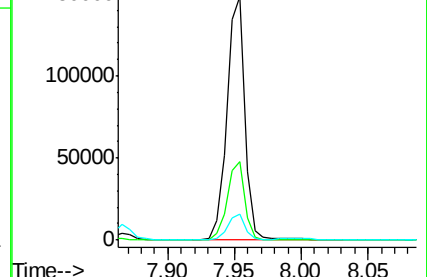
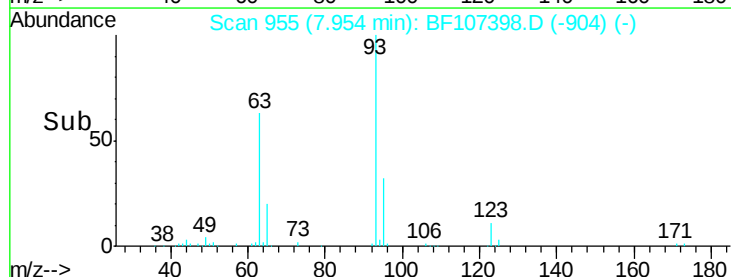
123 10.7 9.8 14.6

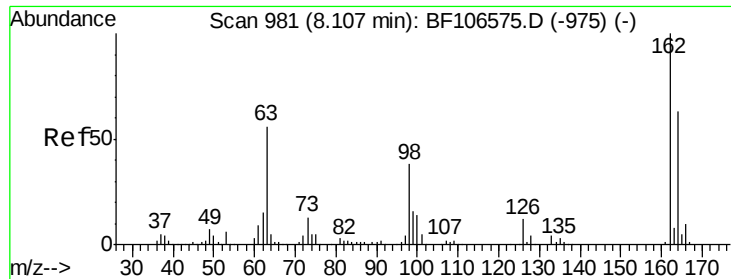


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

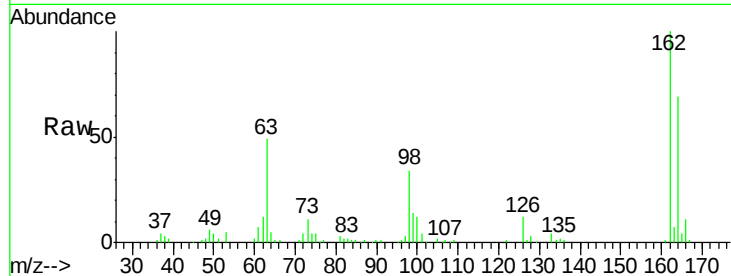




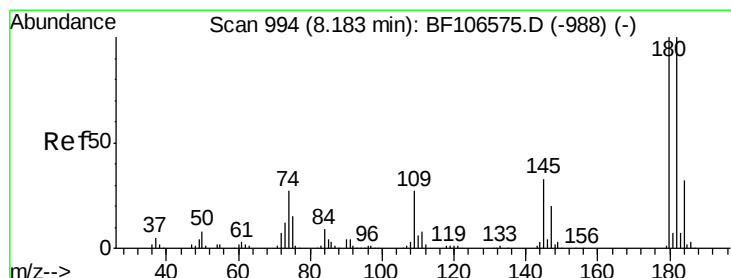
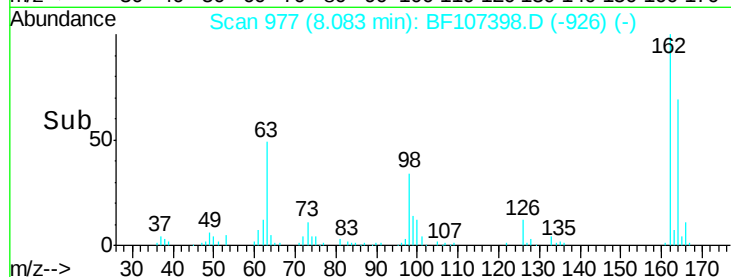
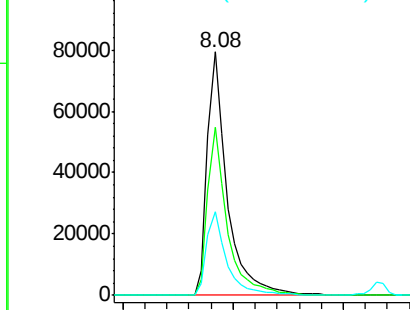
#29
2,4-Dichlorophenol
Concen: 39.778 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:162 Resp: 97273
Ion Ratio Lower Upper
162 100
164 69.3 42.7 82.7
98 34.2 18.1 58.1

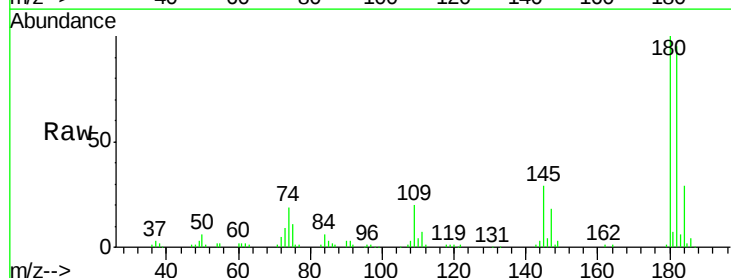


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

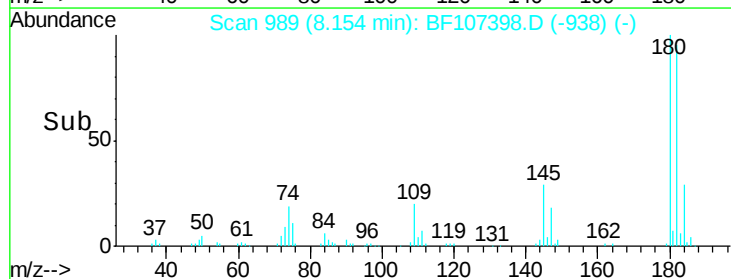
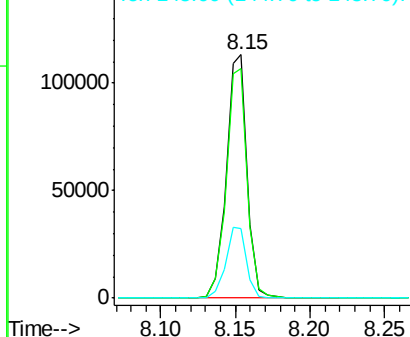


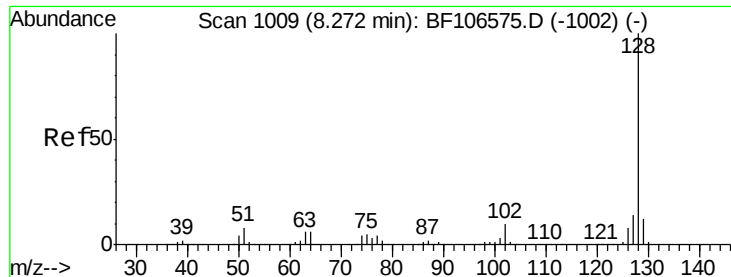
#30
1,2,4-Trichlorobenzene
Concen: 41.395 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:180 Resp: 111514
Ion Ratio Lower Upper
180 100
182 94.5 76.8 115.2
145 28.6 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

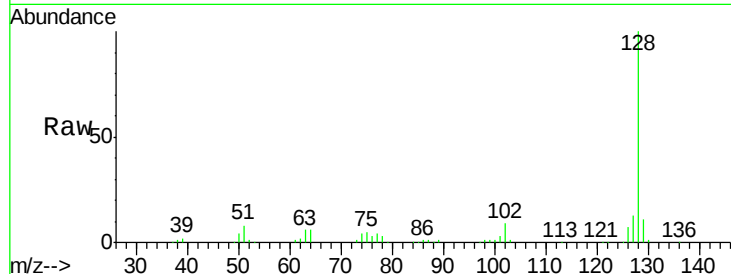




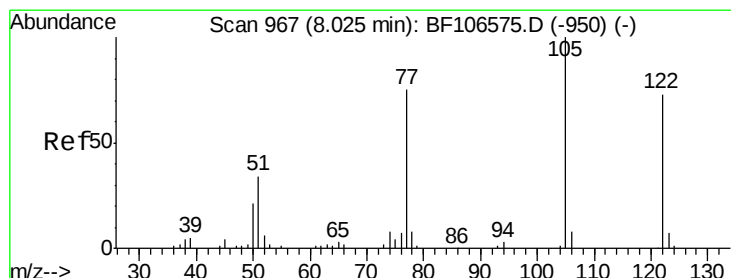
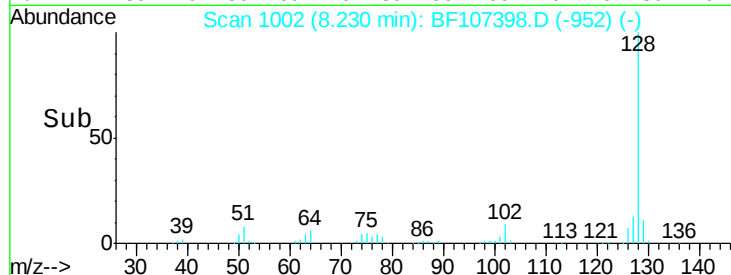
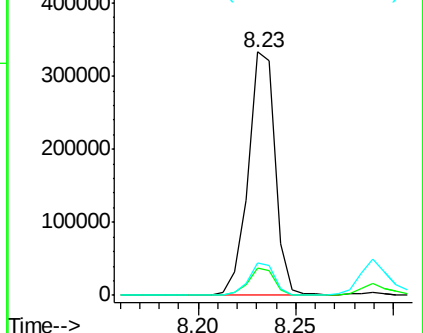
#31
Naphthalene
Concen: 39.245 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:128 Resp: 319718
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.2 10.9 16.3

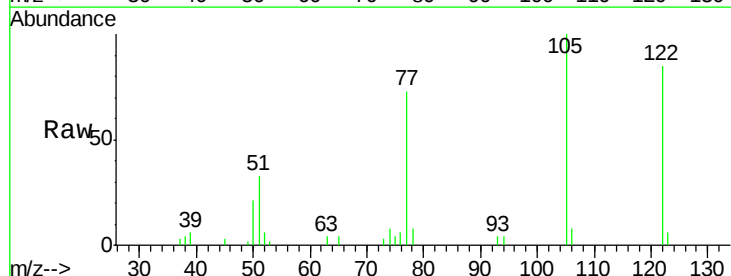


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

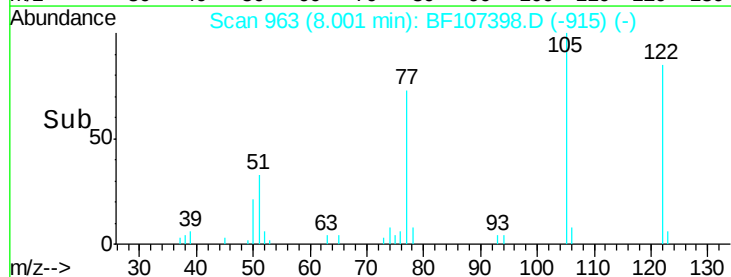
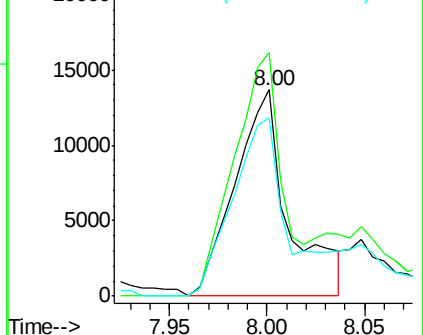


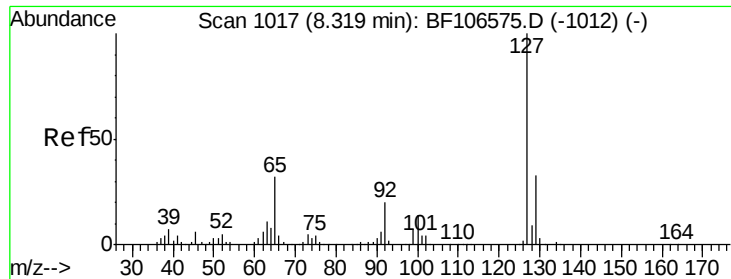
#32
Benzoic acid
Concen: 19.292 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:122 Resp: 26164
Ion Ratio Lower Upper
122 100
105 118.0 101.1 141.1
77 86.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

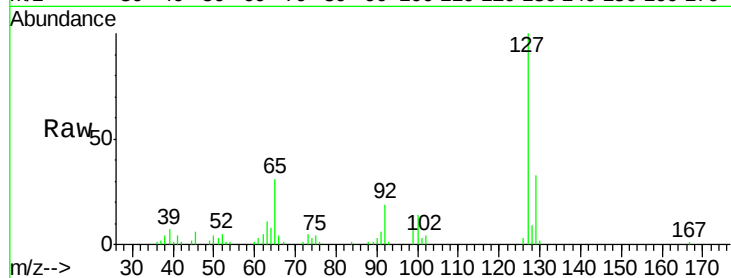




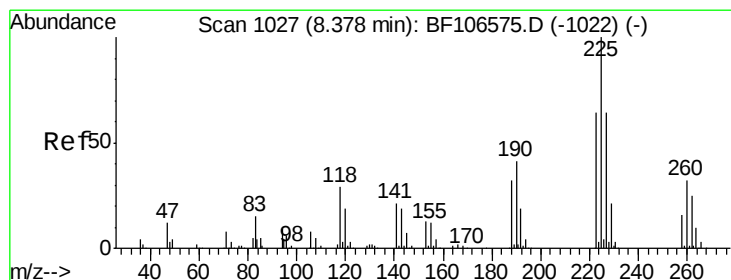
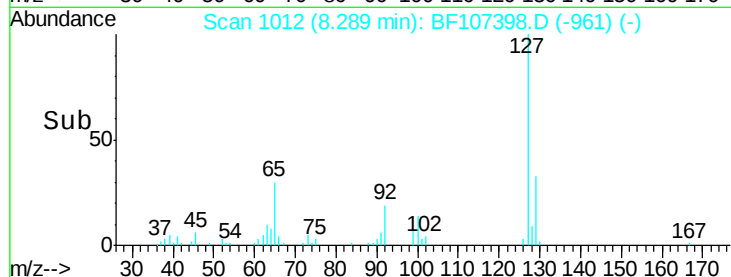
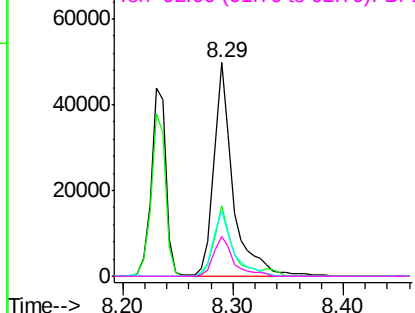
#33
4-Chloroaniline
Concen: 17.569 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:	127	Resp:	60055
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.7	25.0	37.4
92	18.9	15.2	22.8

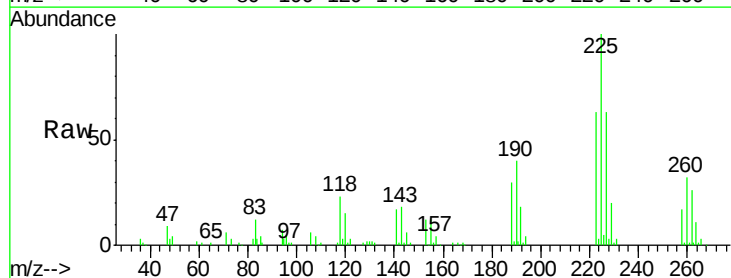


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

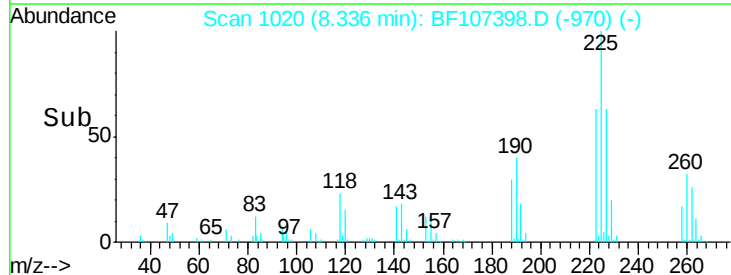
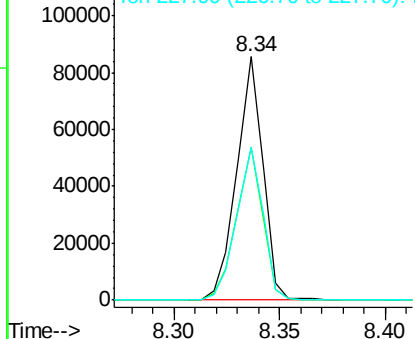


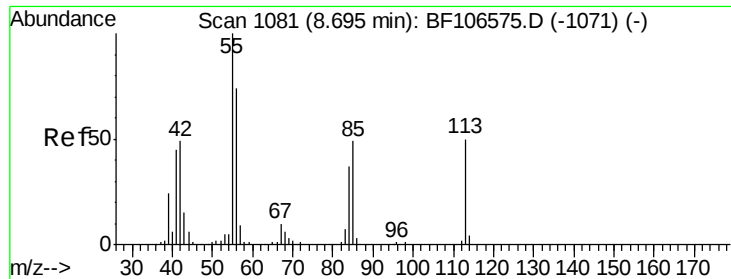
#34
Hexachlorobutadiene
Concen: 41.967 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:	225	Resp:	73666
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	62.6	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

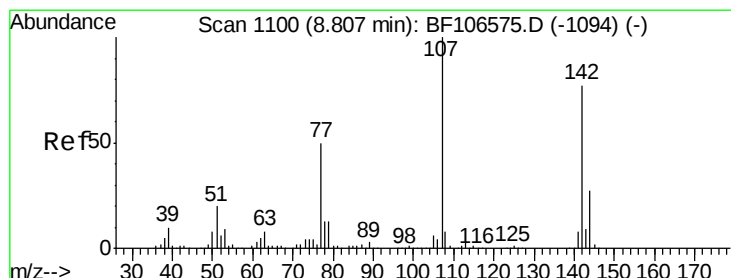
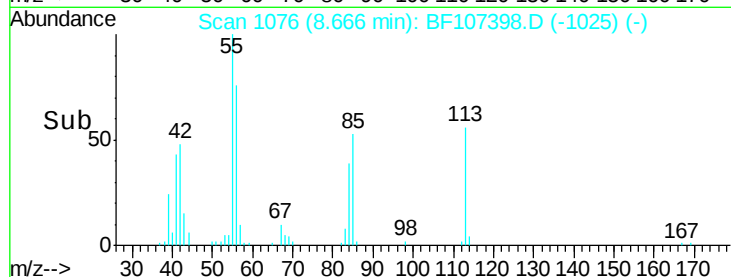
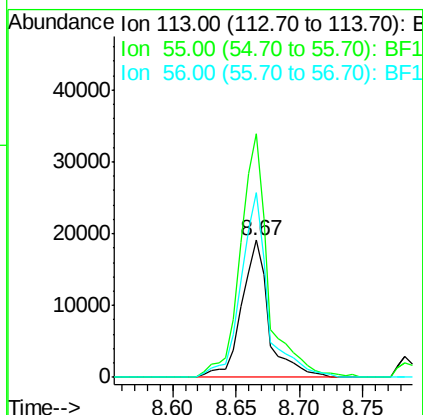
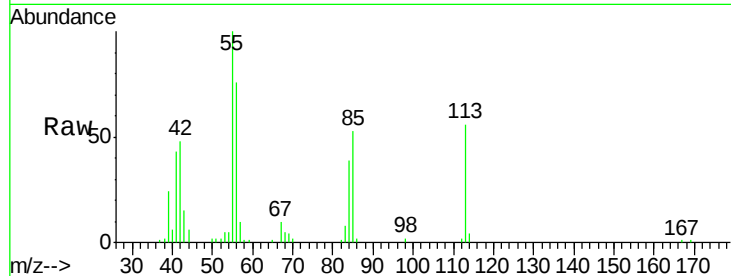




#35
 Caprolactam
 Concen: 35.609 ng
 RT: 8.67 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

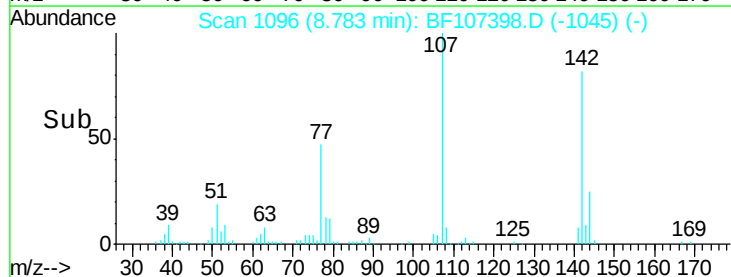
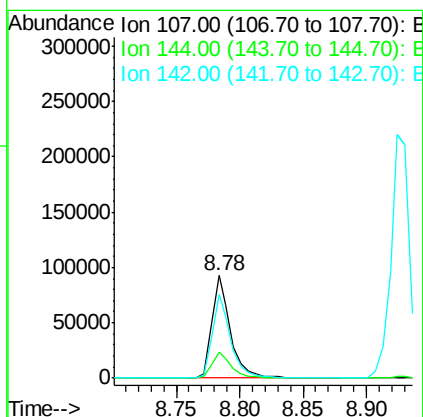
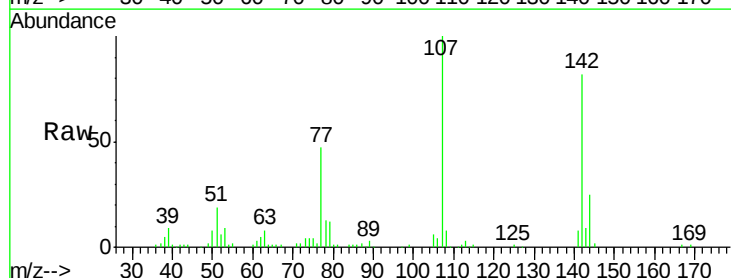
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

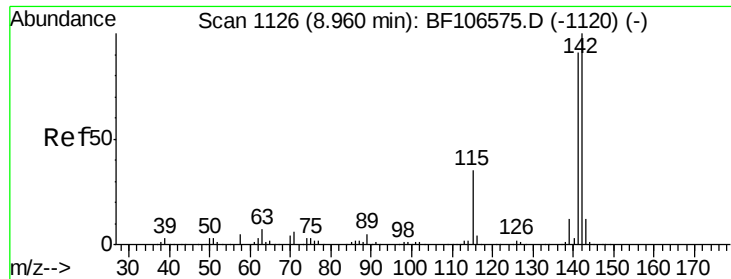
Tgt Ion:113 Resp: 28385
 Ion Ratio Lower Upper
 113 100
 55 177.7 163.3 203.3
 56 135.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.220 ng
 RT: 8.78 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:107 Resp: 95801
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 82.0 62.0 93.0

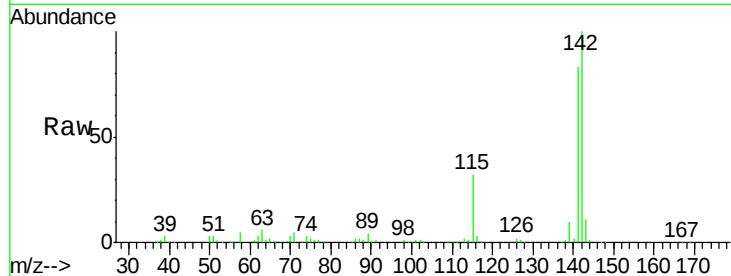




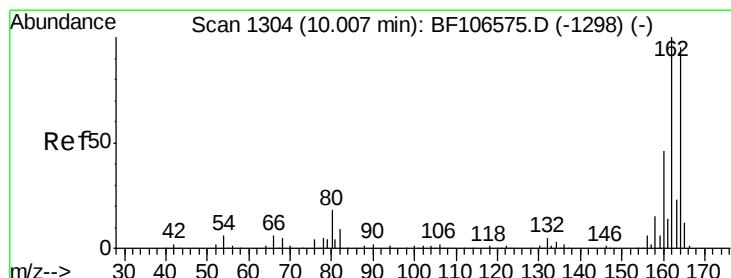
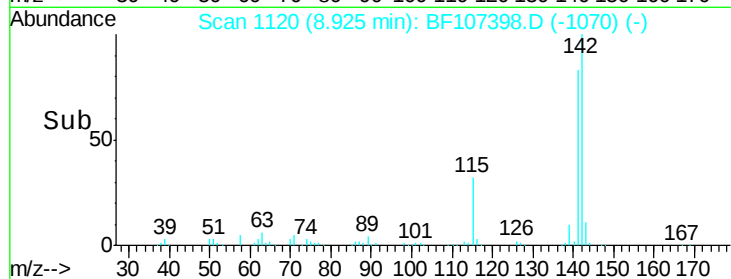
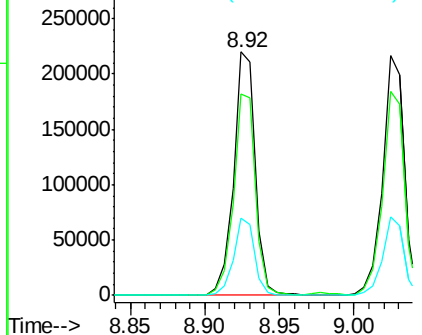
#37
2-Methylnaphthalene
Concen: 41.682 ng
RT: 8.92 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:142 Resp: 225075
Ion Ratio Lower Upper
142 100
141 82.9 70.8 106.2
115 31.7 26.1 39.1

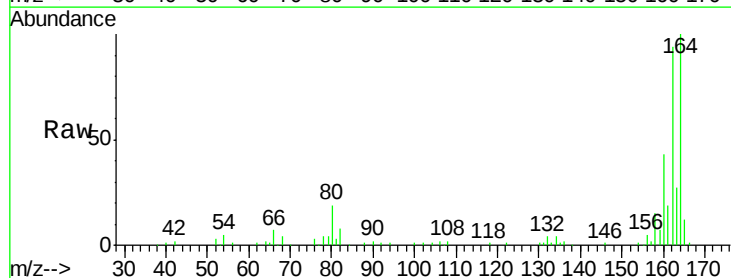


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

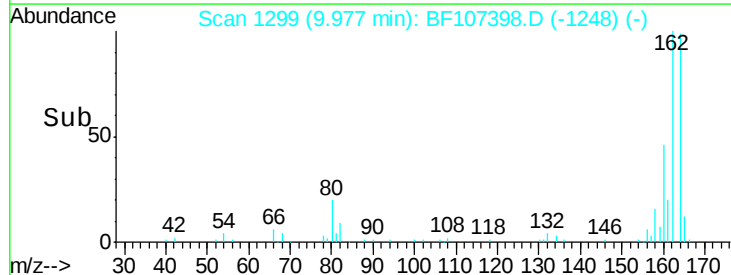
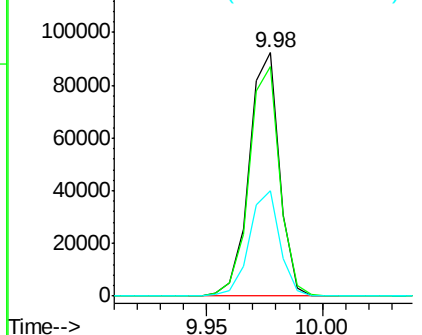


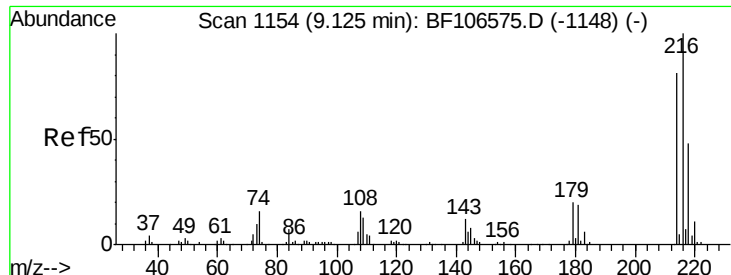
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:164 Resp: 84432
Ion Ratio Lower Upper
164 100
162 94.4 86.1 129.1
160 43.0 38.3 57.5



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

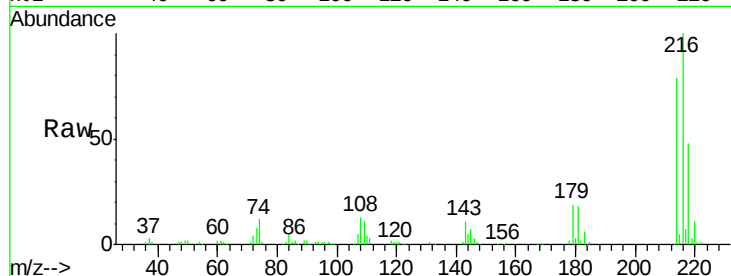




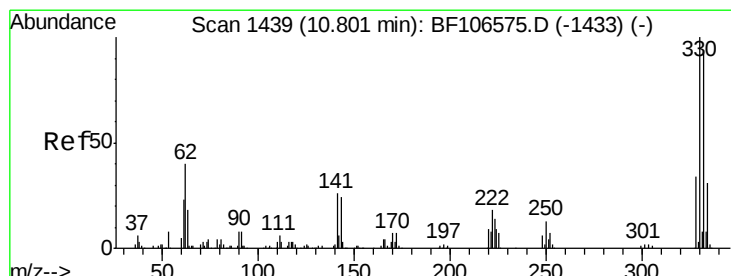
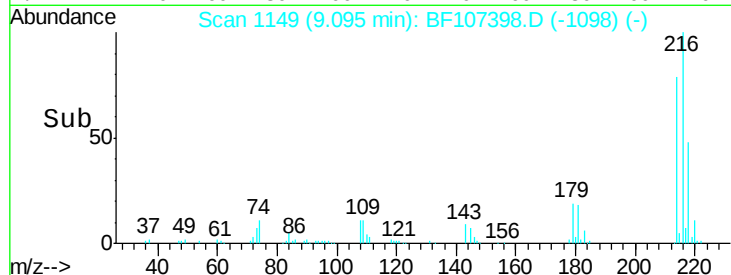
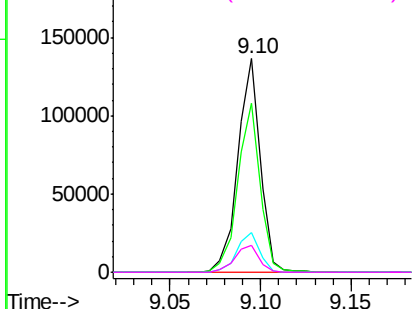
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.250 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Tgt Ion:	216	Resp:	117290
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	18.9	18.1	27.1
108	13.8	17.2	25.8

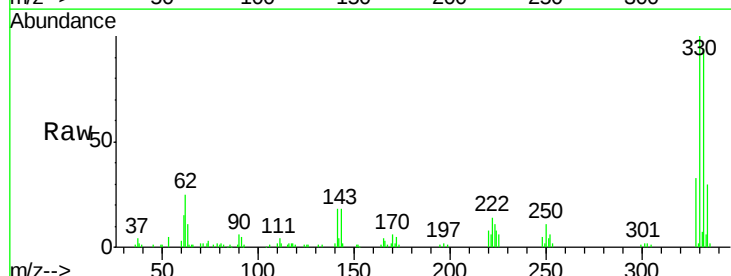


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

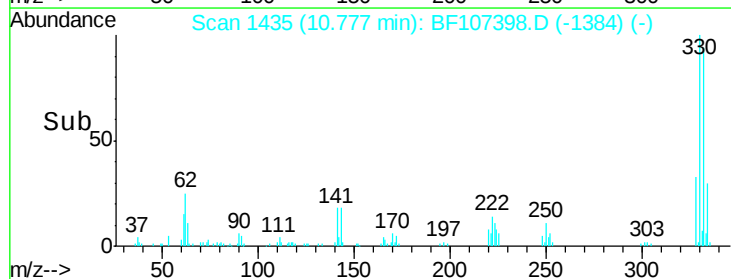
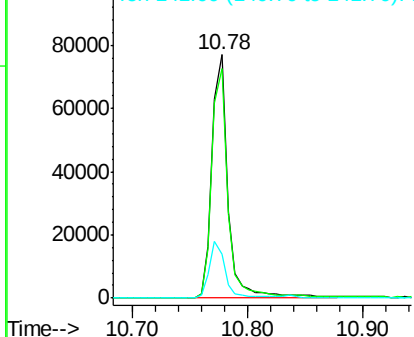


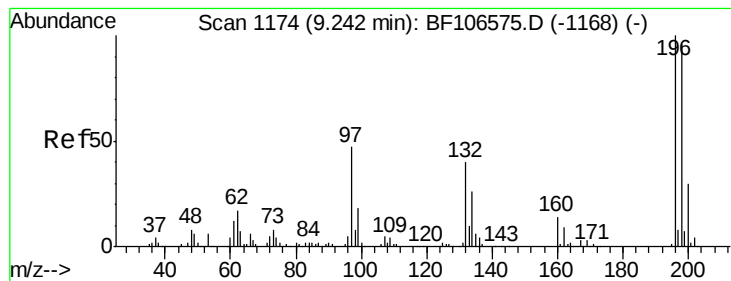
#41
 2,4,6-Tribromophenol
 Concen: 76.662 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:	330	Resp:	75021
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	23.0	29.9	44.9



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





#42

2,4,6-Trichlorophenol

Concen: 32.616 ng

RT: 9.22 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

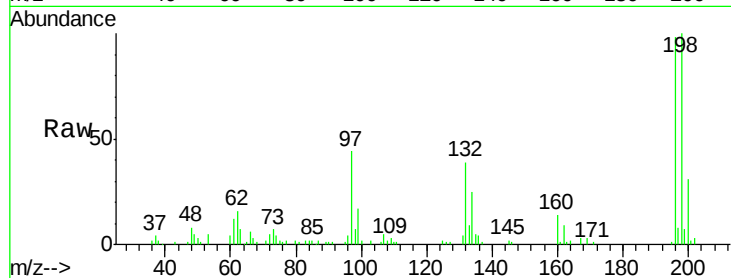
Tgt Ion:196 Resp: 61646

Ion Ratio Lower Upper

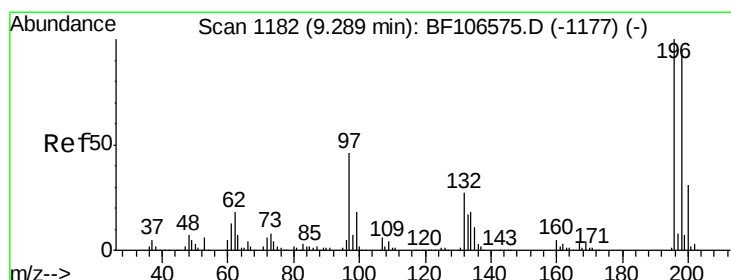
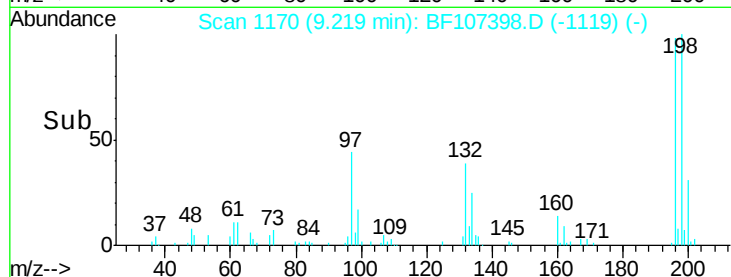
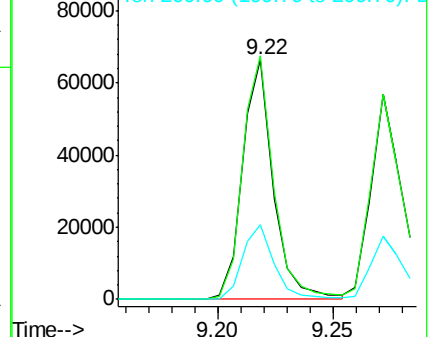
196 100

198 101.7 75.7 113.5

200 31.4 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 30.224 ng

RT: 9.27 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:196 Resp: 59609

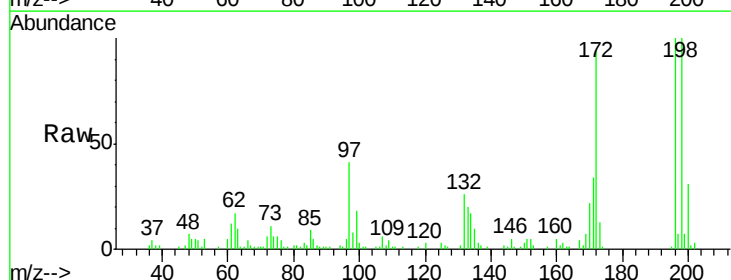
Ion Ratio Lower Upper

196 100

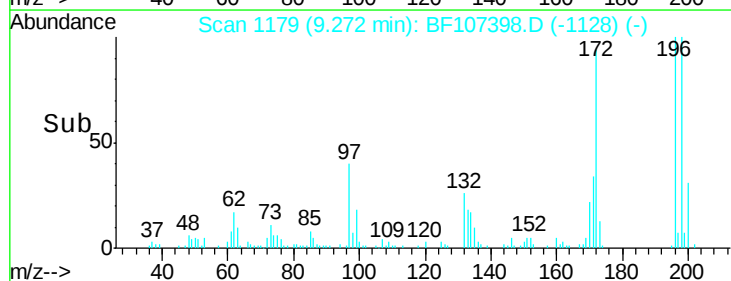
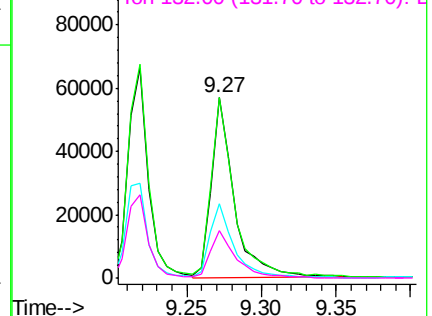
198 99.8 74.6 112.0

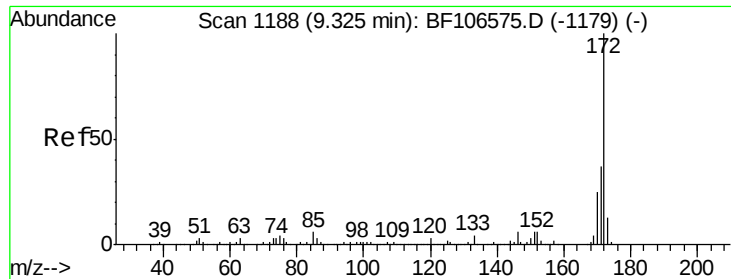
97 40.9 42.9 64.3#

132 26.2 26.3 39.5#



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

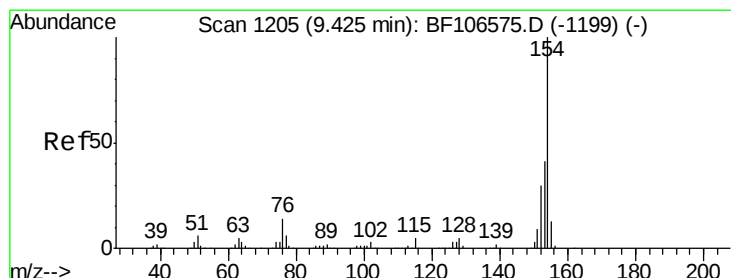
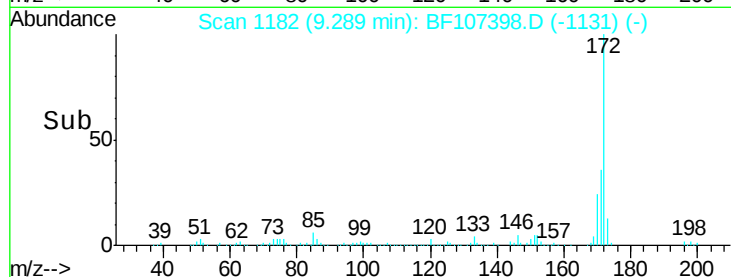
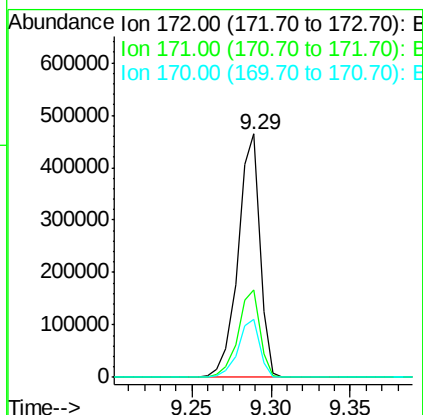
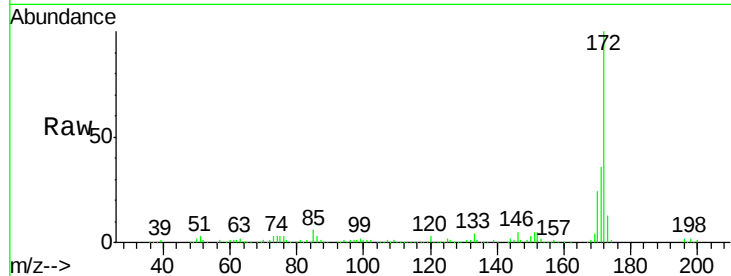




#44
 2-Fluorobiphenyl
 Concen: 89.571 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

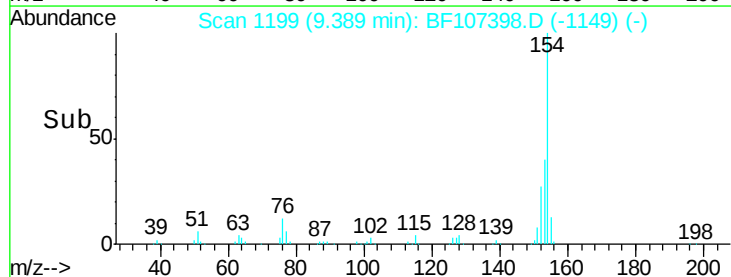
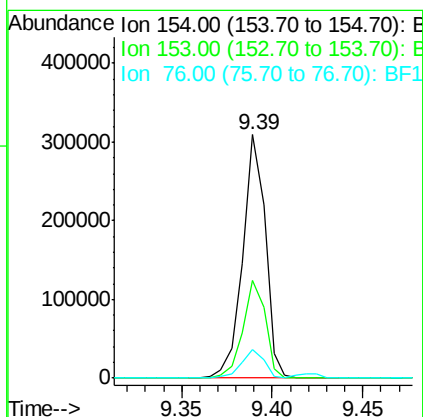
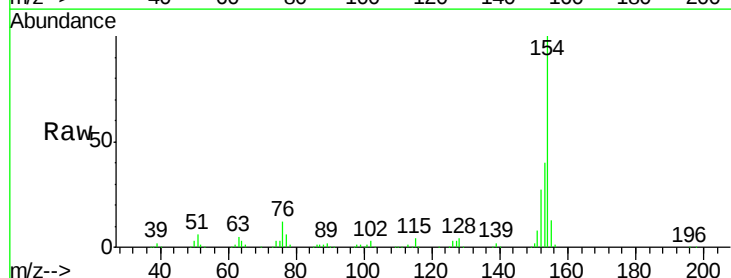
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

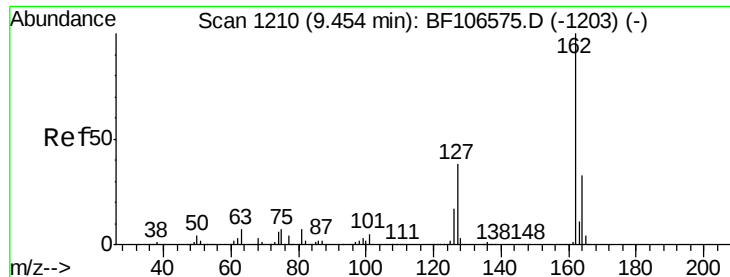
Tgt Ion:172 Resp: 442842
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 39.947 ng
 RT: 9.39 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:154 Resp: 268799
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 11.7 0.0 34.0

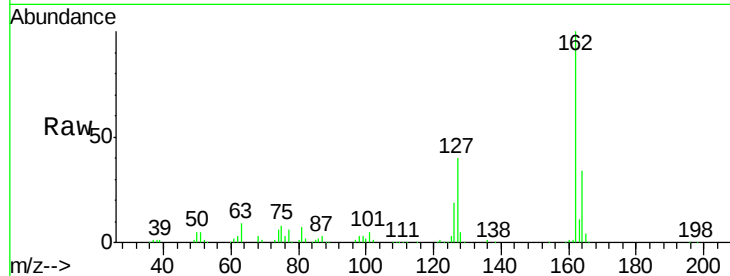




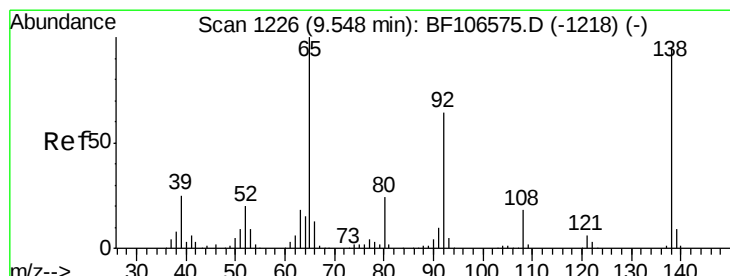
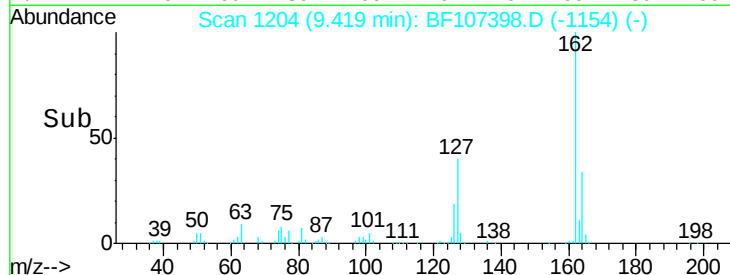
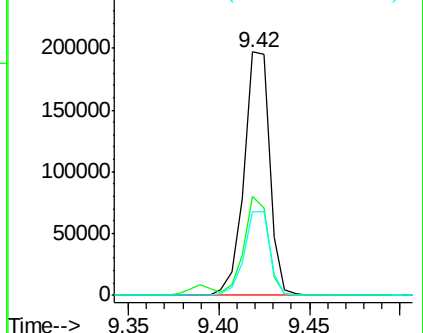
#46
2-Chloronaphthalene
Concen: 36.477 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion: 162 Resp: 193204
Ion Ratio Lower Upper
162 100
127 40.5 33.9 50.9
164 34.3 26.5 39.7

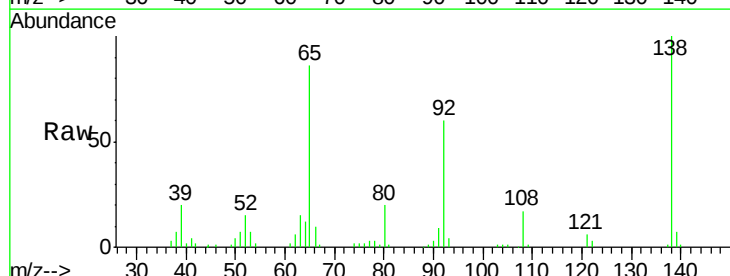


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

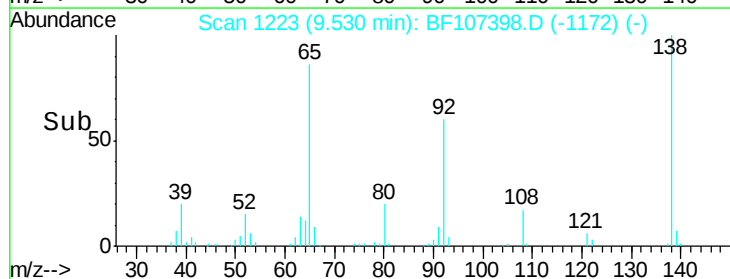
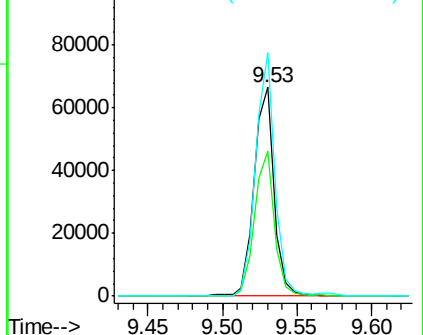


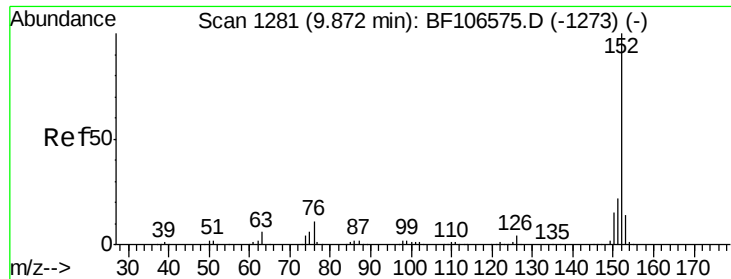
#47
2-Nitroaniline
Concen: 34.519 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion: 65 Resp: 61480
Ion Ratio Lower Upper
65 100
92 69.6 55.8 83.6
138 116.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

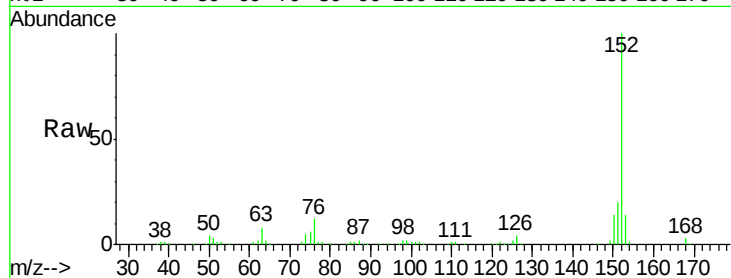




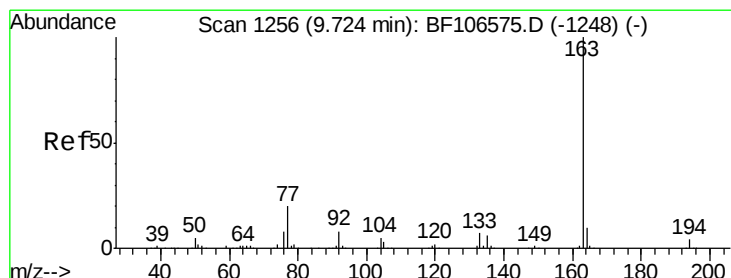
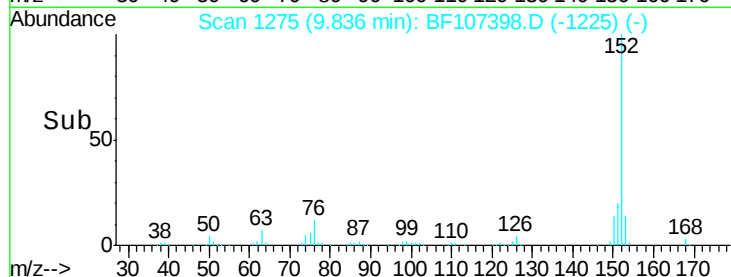
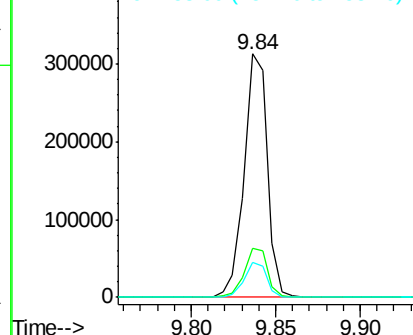
#48
Acenaphthylene
Concen: 35.777 ng
RT: 9.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	14.2	10.7	16.1

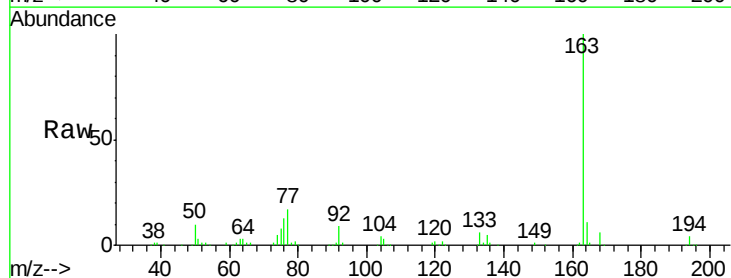


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

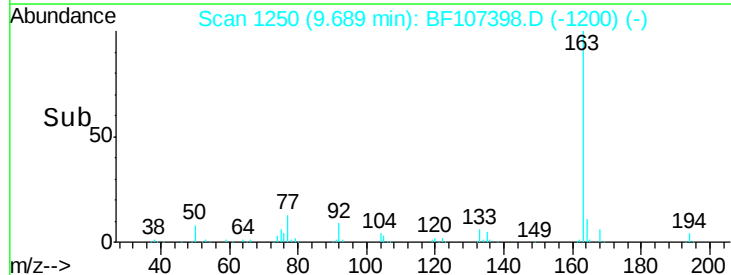
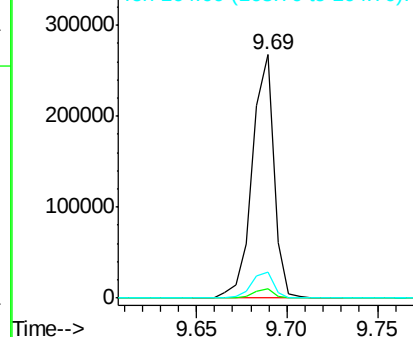


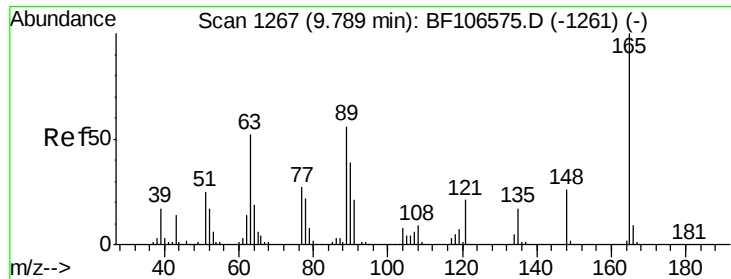
#49
Dimethylphthalate
Concen: 35.106 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	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

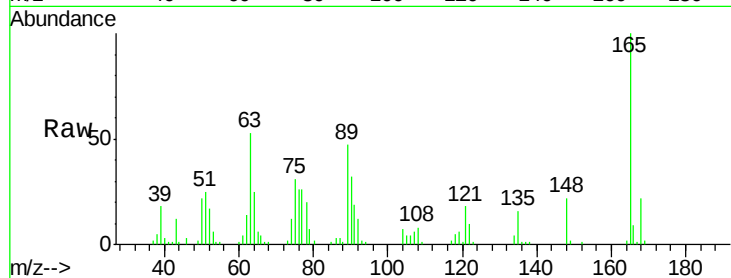




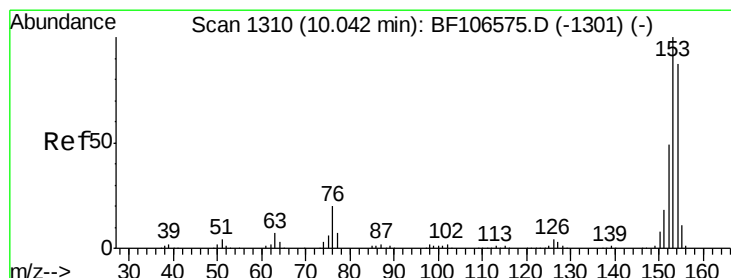
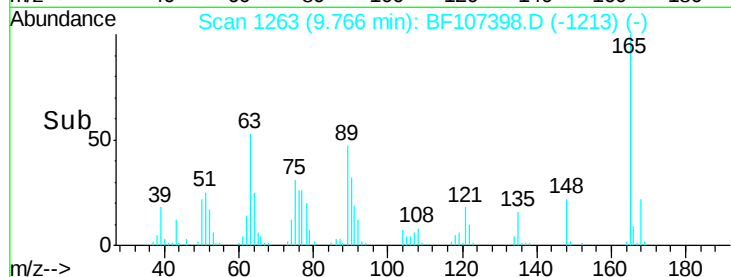
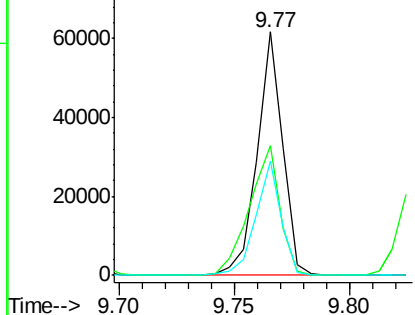
#50
2,6-Dinitrotoluene
Concen: 35.380 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion:165 Resp: 47442
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 47.0 44.0 66.0

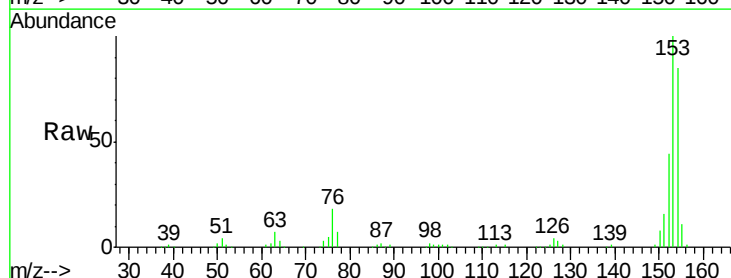


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

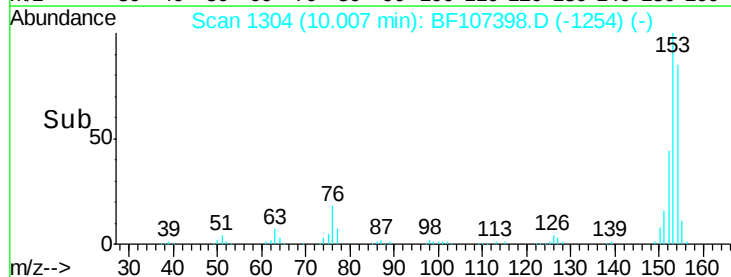
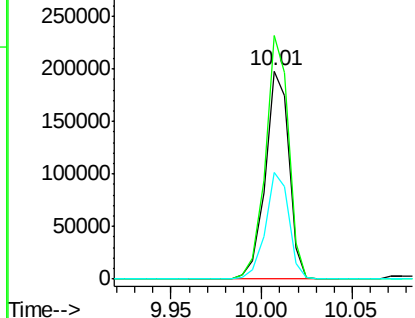


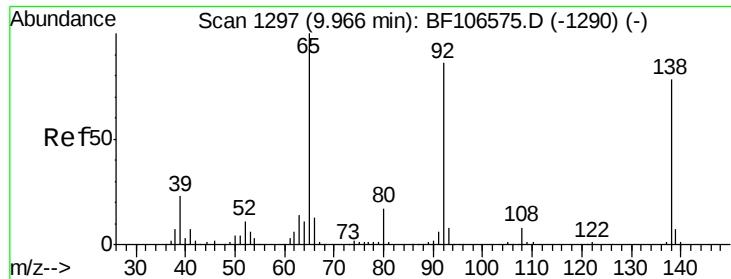
#51
Acenaphthene
Concen: 34.141 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:154 Resp: 179778
Ion Ratio Lower Upper
154 100
153 117.0 91.2 136.8
152 51.3 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

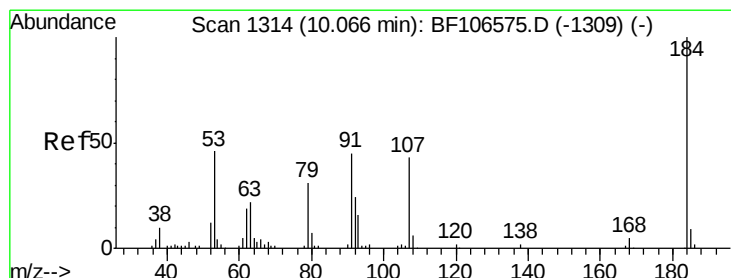
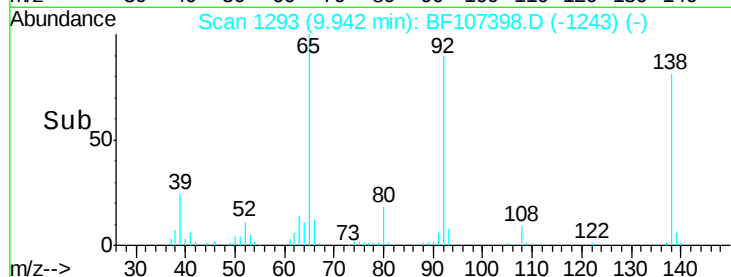
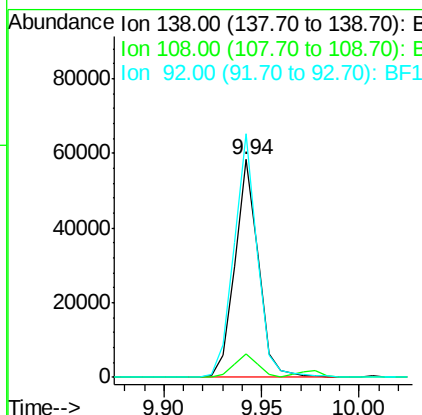
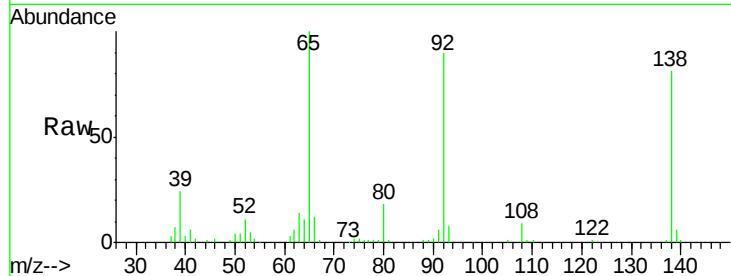




#52
 3-Nitroaniline
 Concen: 31.546 ng
 RT: 9.94 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

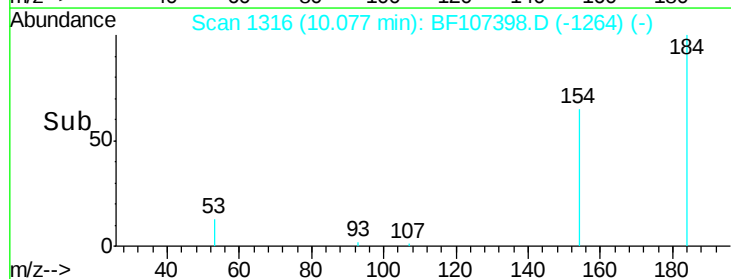
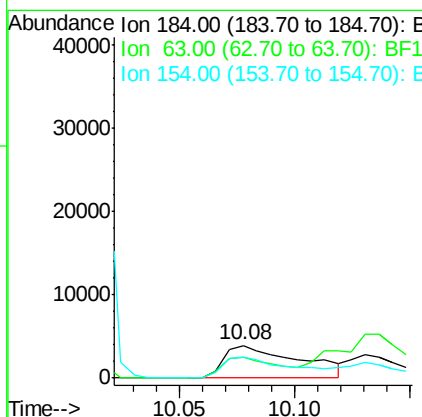
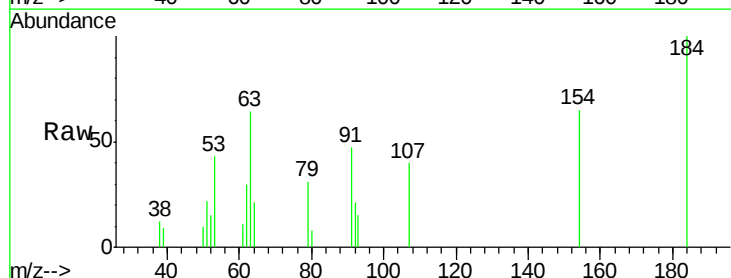
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

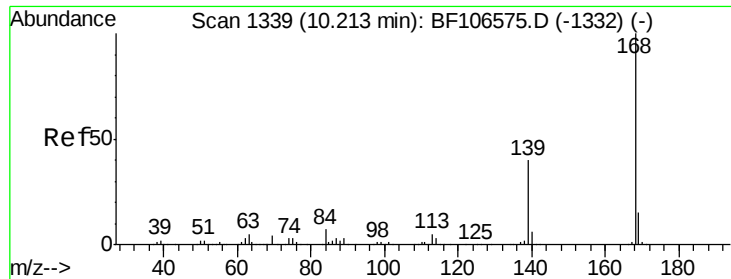
Tgt Ion:138 Resp: 48677
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.4 14.0
 92 111.7 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 17.113 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:184 Resp: 8787
 Ion Ratio Lower Upper
 184 100
 63 64.2 54.2 81.2
 154 65.3 184.0 276.0#

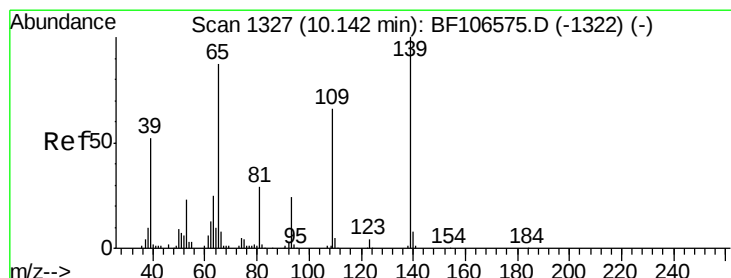
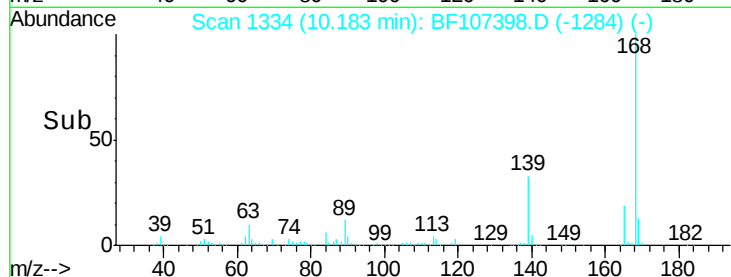
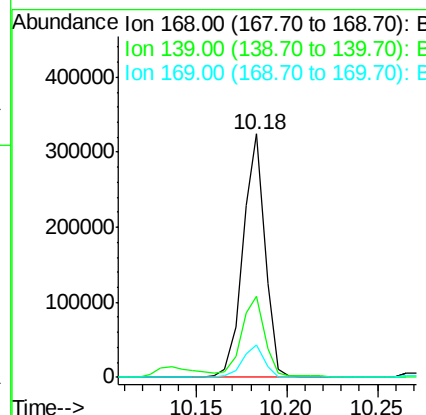
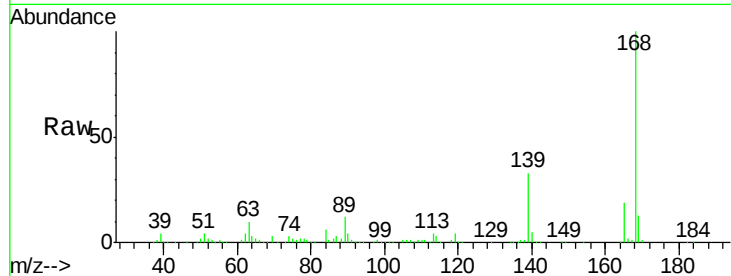




#54
Dibenzofuran
Concen: 37.738 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

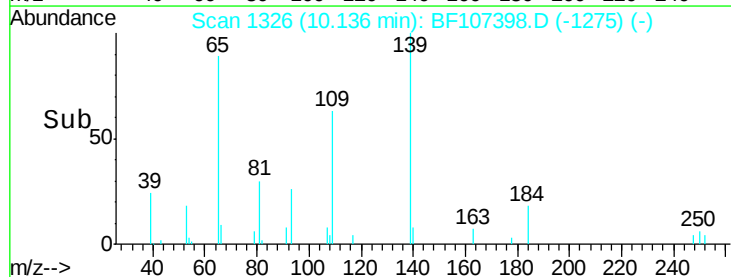
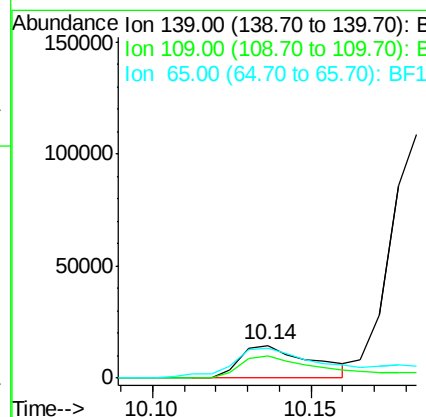
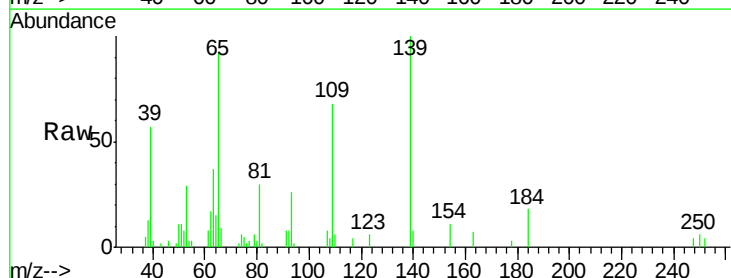
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

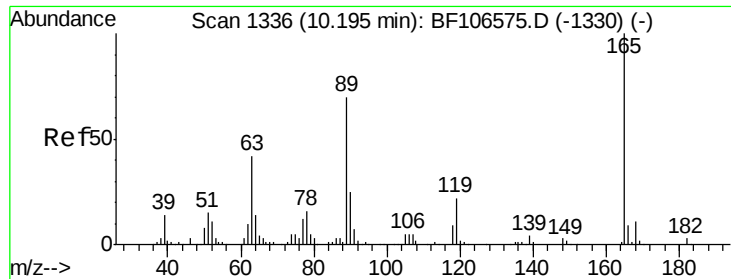
Tgt Ion:168 Resp: 272109
Ion Ratio Lower Upper
168 100
139 33.5 30.1 45.1
169 13.1 10.9 16.3



#55
4-Nitrophenol
Concen: 20.905 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:139 Resp: 22516
Ion Ratio Lower Upper
139 100
109 67.9 48.4 88.4
65 92.4 72.6 112.6

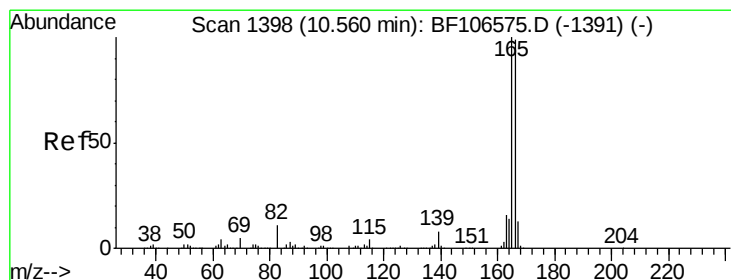
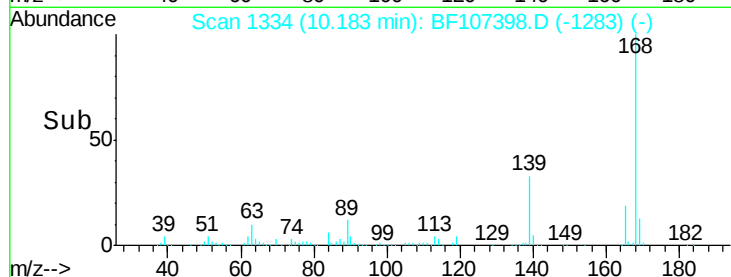
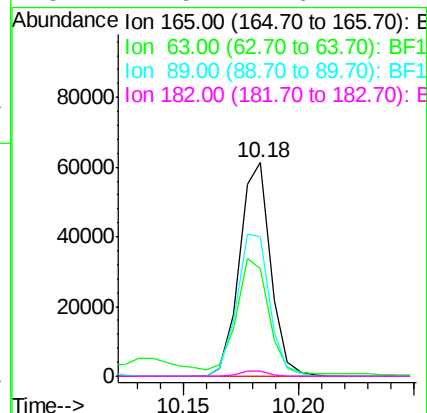
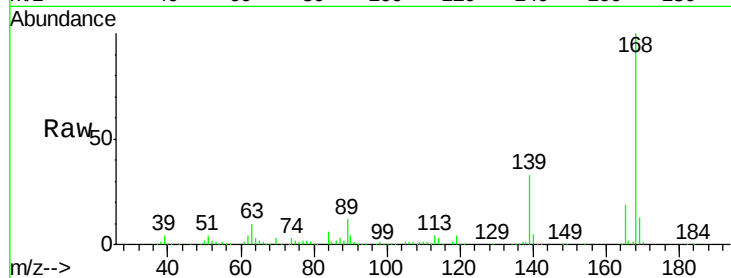




#56
2,4-Dinitrotoluene
Concen: 32.856 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

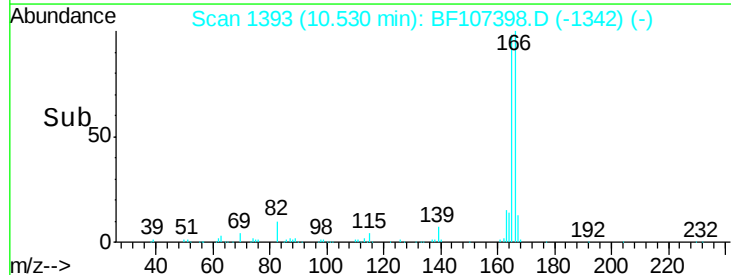
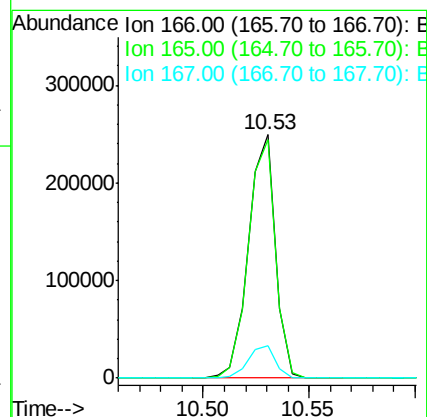
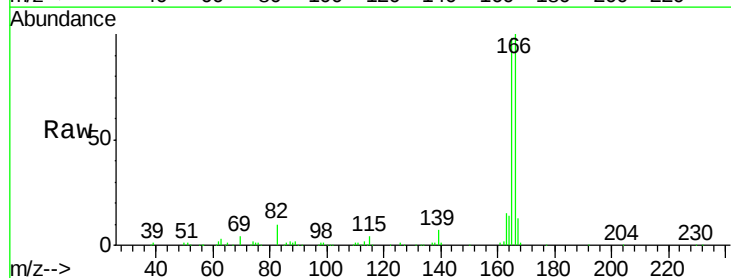
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

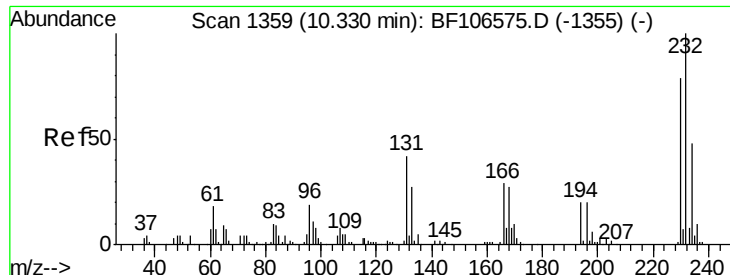
Tgt Ion:165 Resp: 57507
Ion Ratio Lower Upper
165 100
63 50.6 36.4 54.6
89 65.4 57.8 86.6
182 2.5 1.6 2.4#



#57
Fluorene
Concen: 38.473 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:166 Resp: 220131
Ion Ratio Lower Upper
166 100
165 98.1 79.8 119.8
167 13.3 10.6 16.0

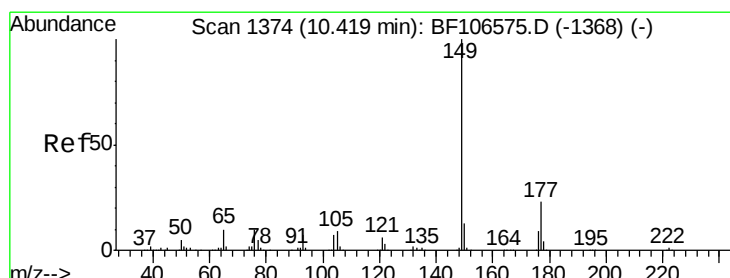
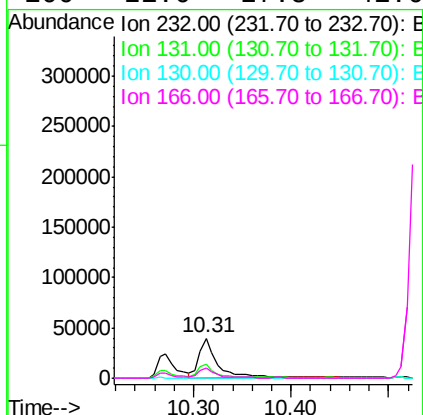
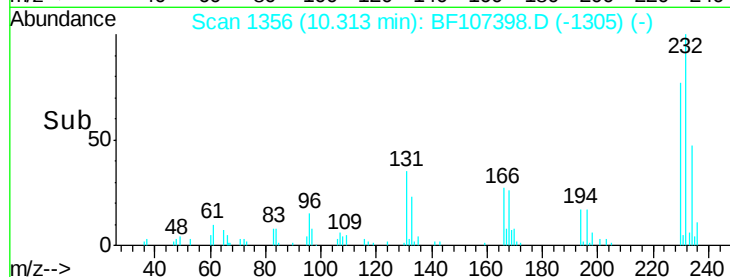
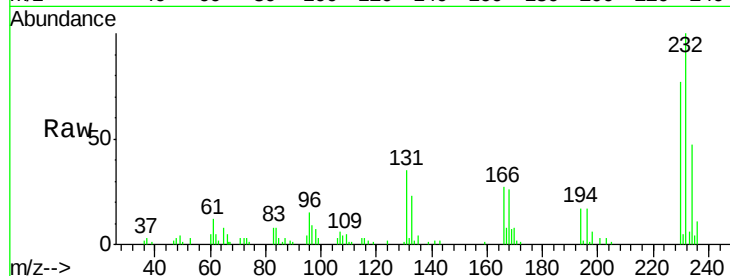




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.461 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

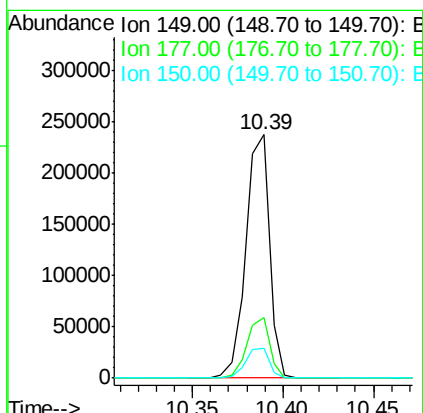
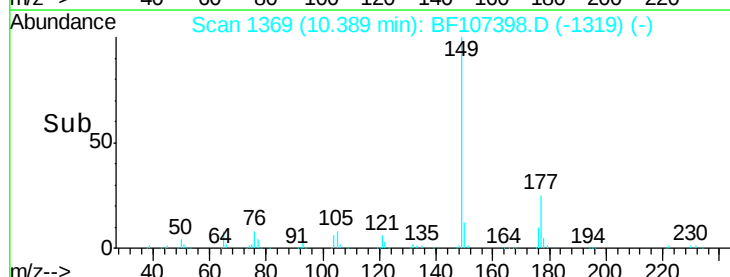
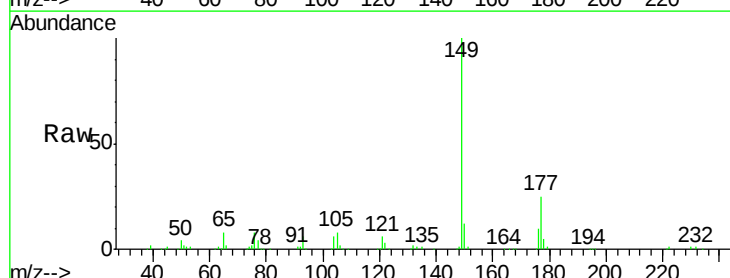
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

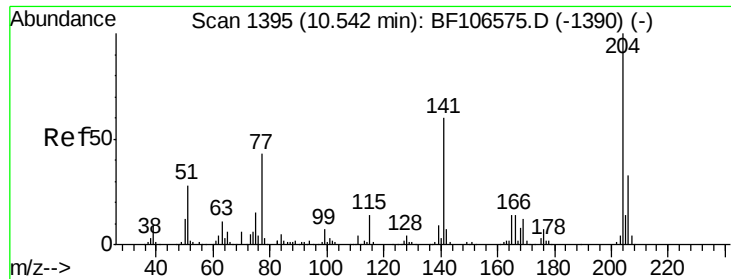
Tgt Ion: 232 Resp: 52458
 Ion Ratio Lower Upper
 232 100
 131 29.5 43.8 65.8#
 130 1.1 2.1 3.1#
 166 21.6 27.8 41.6#



#59
 Diethylphthalate
 Concen: 35.243 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 149 Resp: 215406
 Ion Ratio Lower Upper
 149 100
 177 24.8 16.1 24.1#
 150 12.2 10.1 15.1

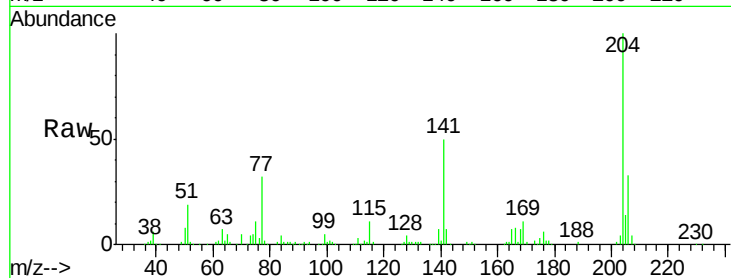




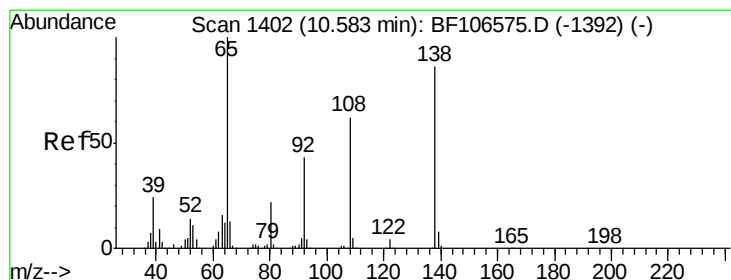
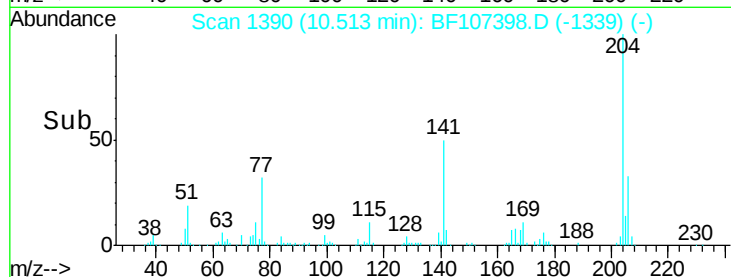
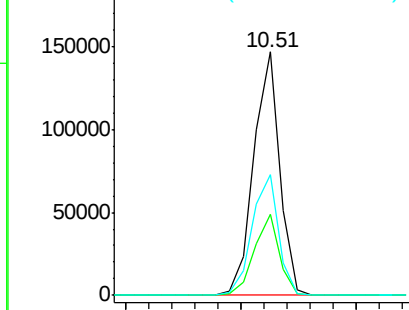
#60
 4-Chlorophenyl-phenylether
 Concen: 38.724 ng
 RT: 10.51 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Tgt Ion: 204 Resp: 115932
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 49.8 54.6 81.8#

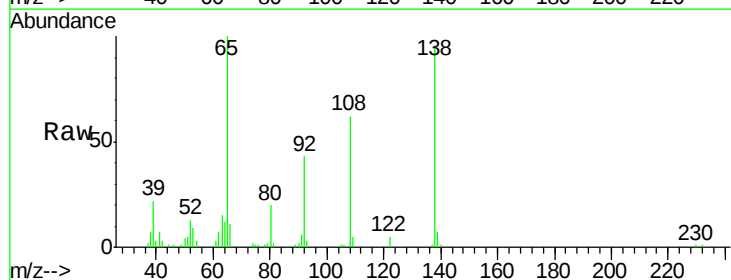


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

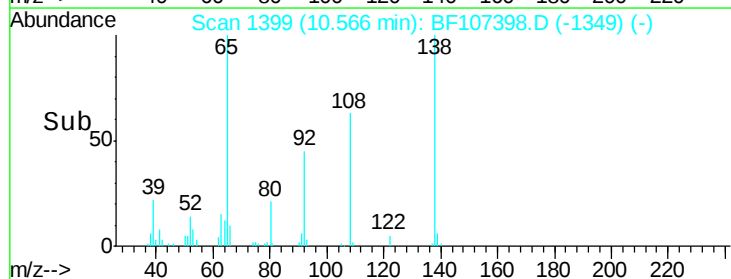
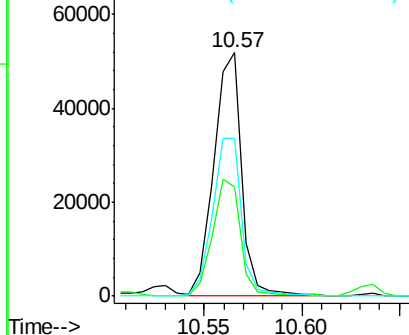


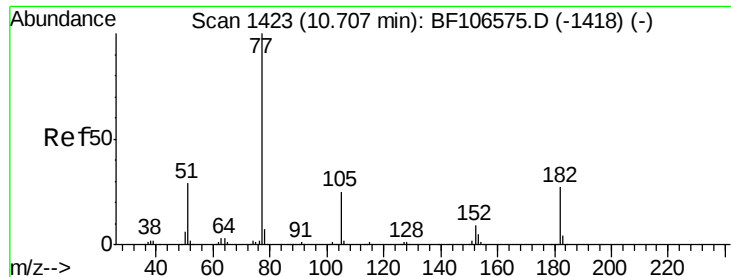
#61
 4-Nitroaniline
 Concen: 33.474 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 138 Resp: 51262
 Ion Ratio Lower Upper
 138 100
 92 44.9 30.2 70.2
 108 64.8 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: 33.541 ng

RT: 10.67 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tgt Ion: 77 Resp: 201872

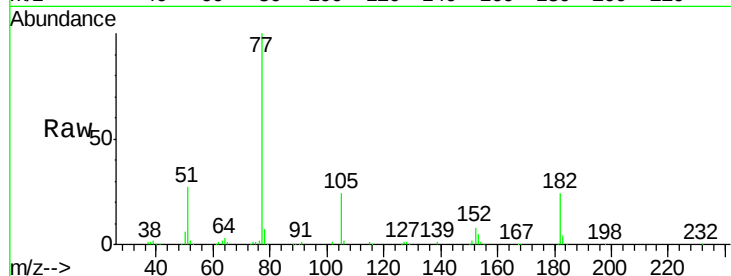
Ion Ratio Lower Upper

77 100

182 24.4 1.7 41.7

105 24.2 3.0 43.0

51 26.8 9.9 49.9

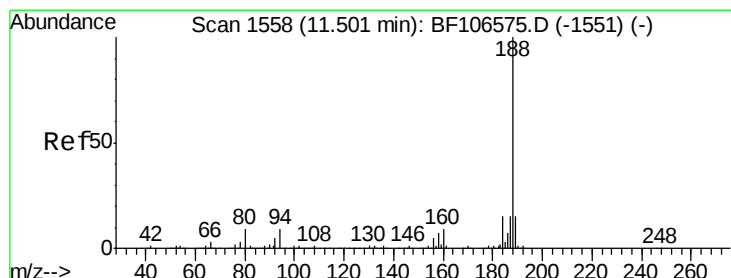
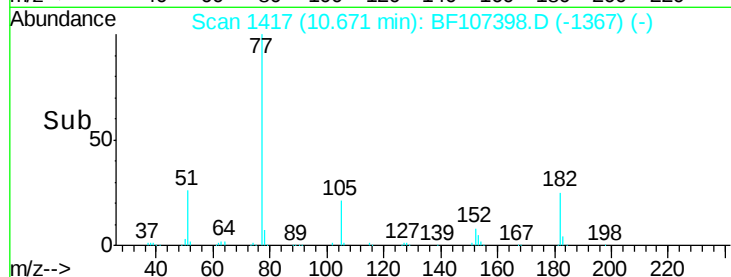
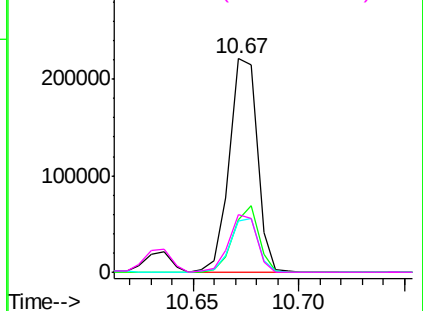


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

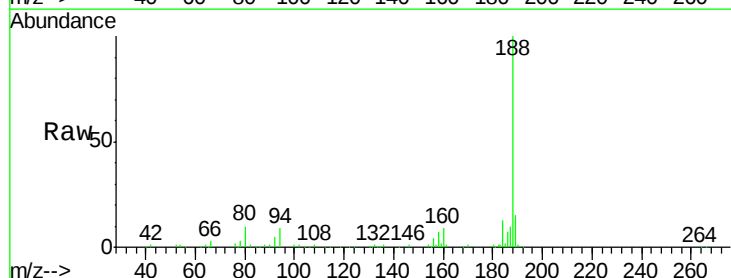
Tgt Ion: 188 Resp: 166458

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

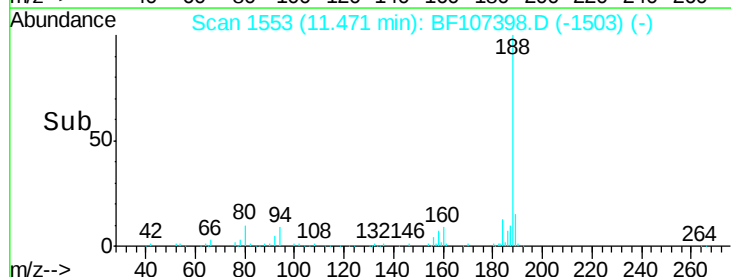
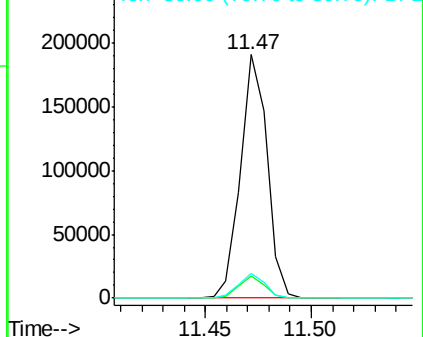
80 9.9 9.2 13.8

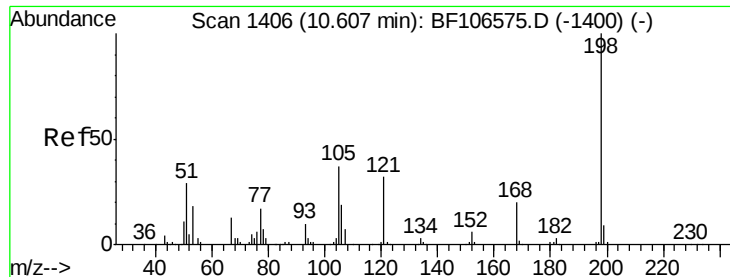


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 11.831 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

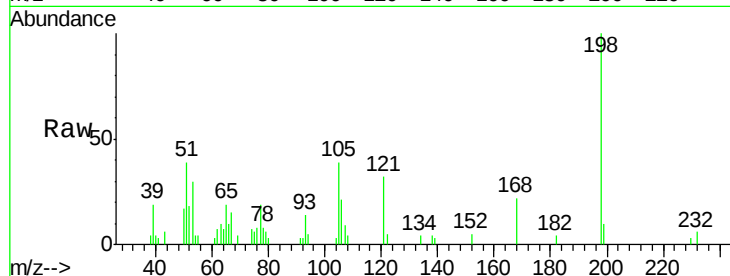
Tgt Ion:198 Resp: 12174

Ion Ratio Lower Upper

198 100

51 39.2 37.7 77.7

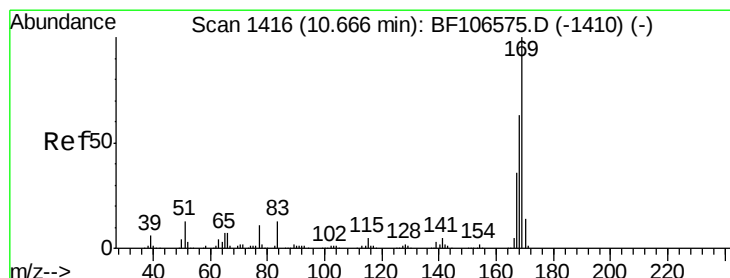
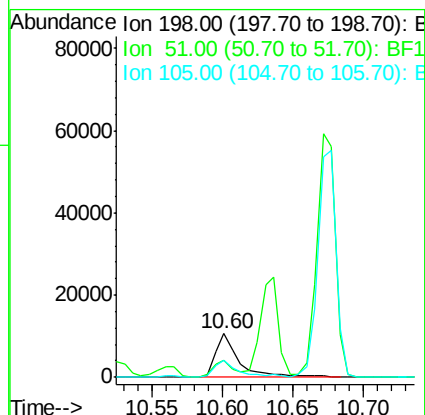
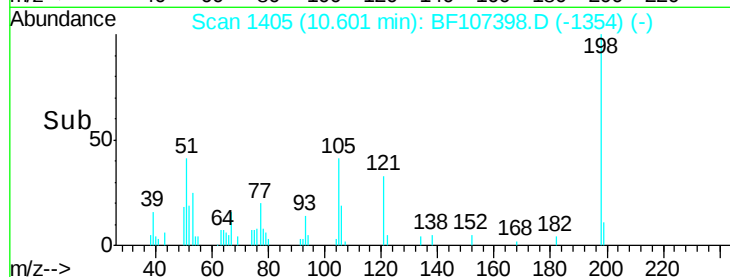
105 38.8 36.3 76.3



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: 33.451 ng

RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

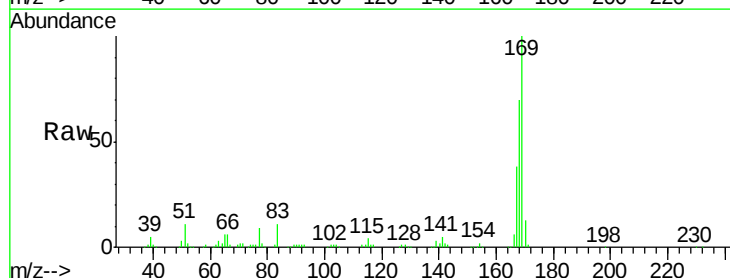
Tgt Ion:169 Resp: 187286

Ion Ratio Lower Upper

169 100

168 69.9 54.4 81.6

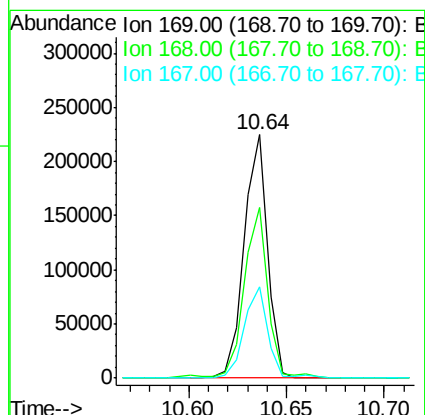
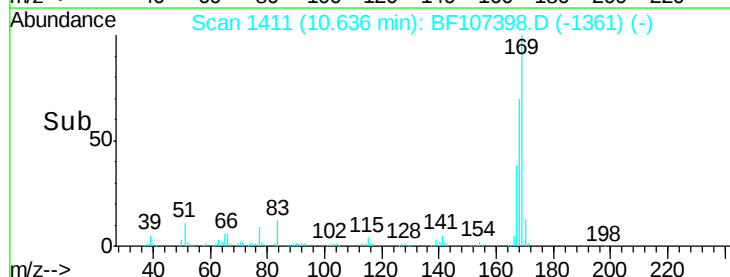
167 37.7 29.8 44.6

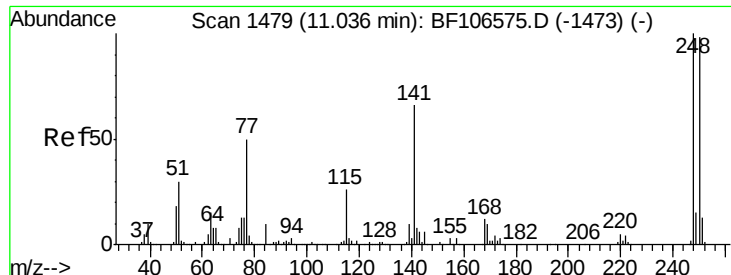


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

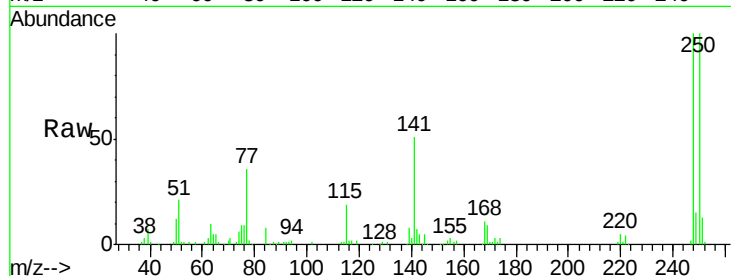




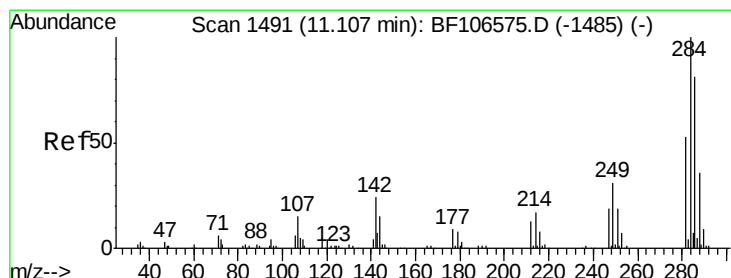
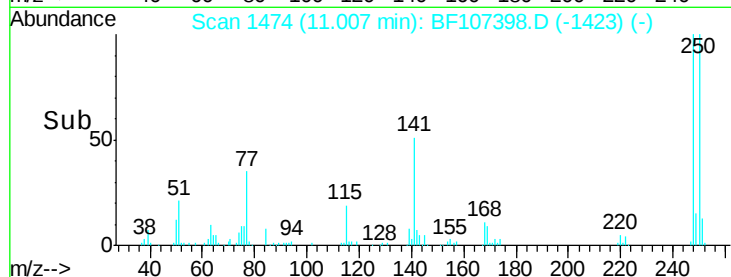
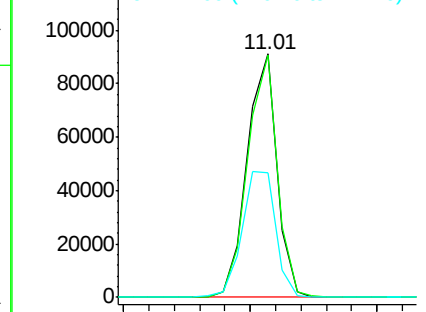
#66
 4-Bromophenyl-phenylether
 Concen: 37.600 ng
 RT: 11.01 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Tgt Ion:248 Resp: 74696
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.9 115.3
 141 51.3 74.4 111.6#

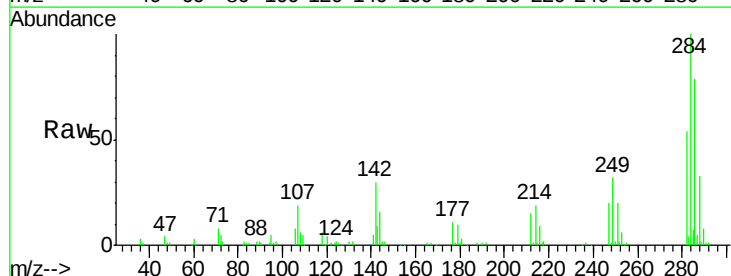


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

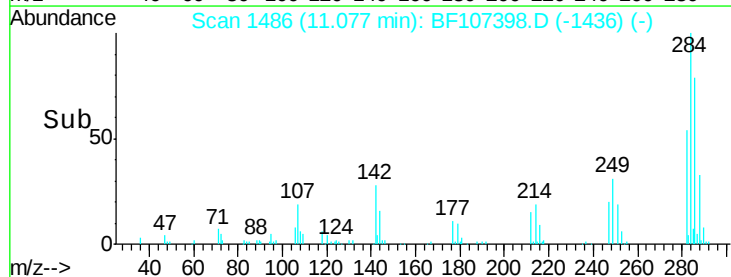
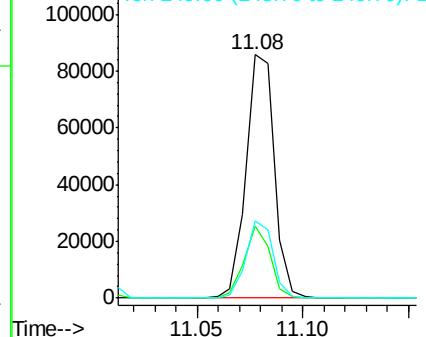


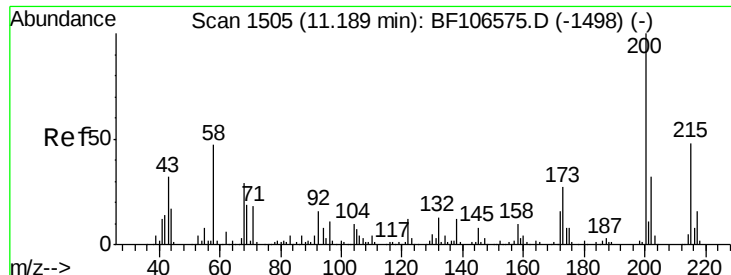
#67
 Hexachlorobenzene
 Concen: 38.354 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:284 Resp: 79748
 Ion Ratio Lower Upper
 284 100
 142 29.7 34.6 52.0#
 249 31.8 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

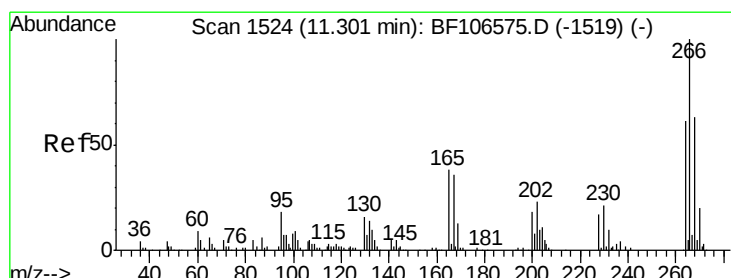
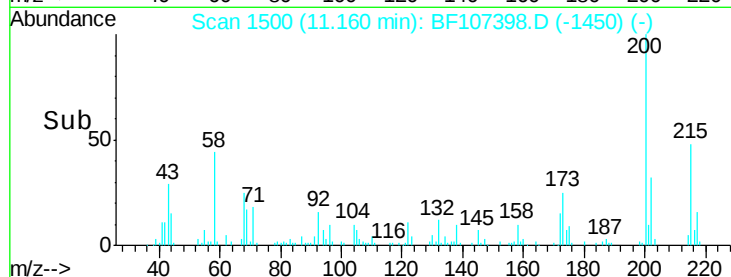
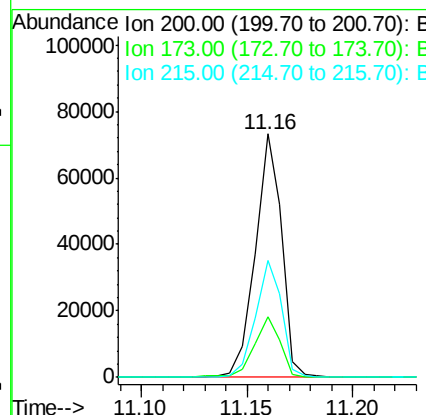
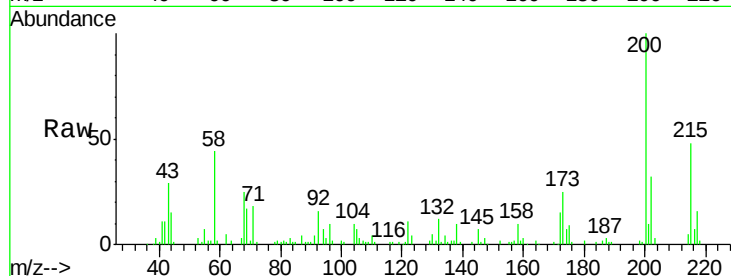




#68
 Atrazine
 Concen: 35.622 ng
 RT: 11.16 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

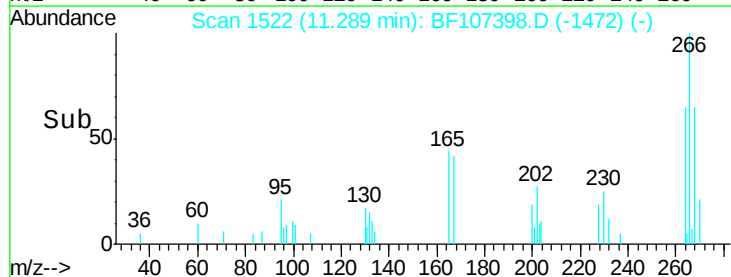
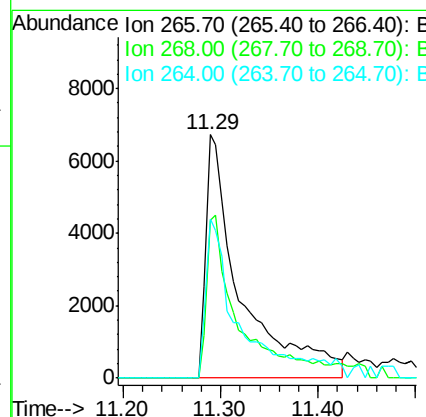
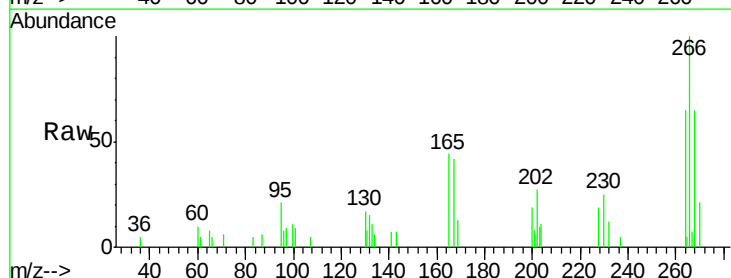
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

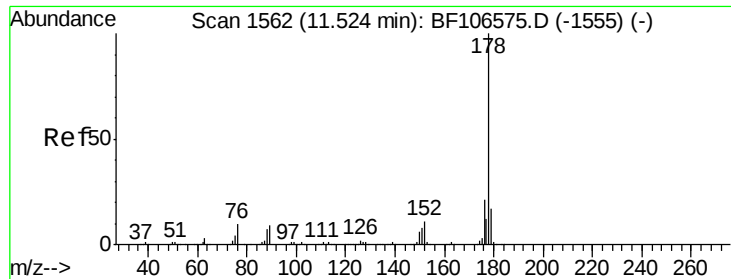
Tgt Ion: 200 Resp: 63403
 Ion Ratio Lower Upper
 200 100
 173 25.0 8.6 48.6
 215 47.8 25.1 65.1



#69
 Pentachlorophenol
 Concen: 16.201 ng
 RT: 11.29 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 266 Resp: 16808
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 65.5 49.5 74.3





#70

Phenanthrene

Concen: 40.001 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

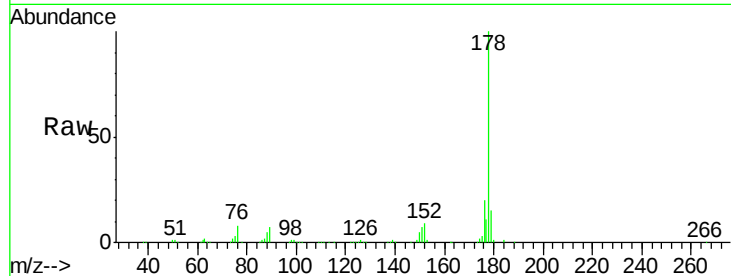
Tgt Ion:178 Resp: 321150

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

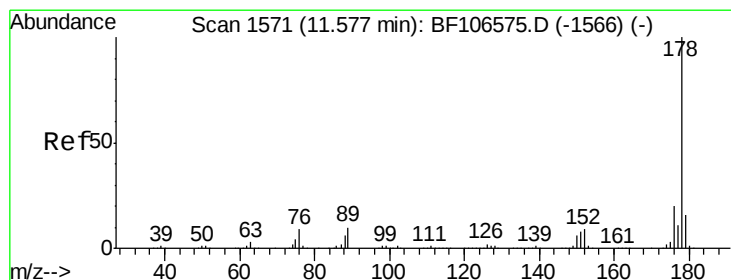
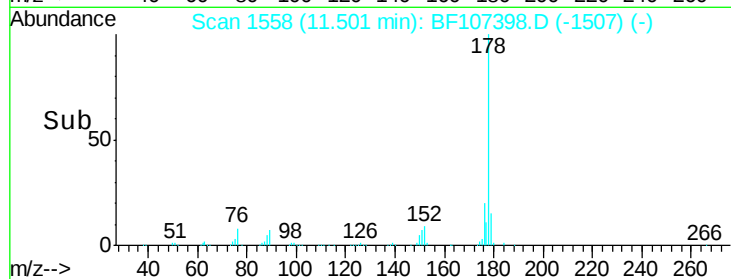
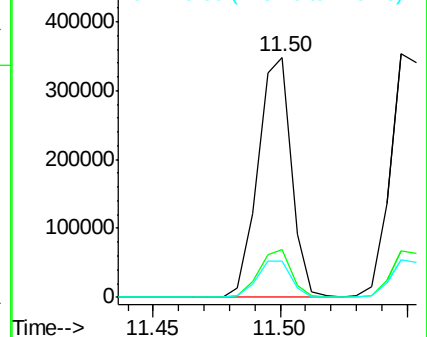
179 15.3 13.0 19.6



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: 40.882 ng

RT: 11.55 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

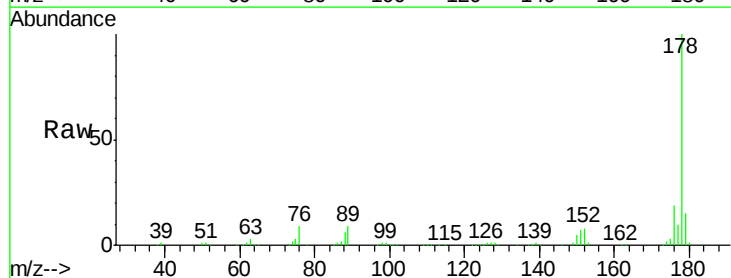
Tgt Ion:178 Resp: 335018

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

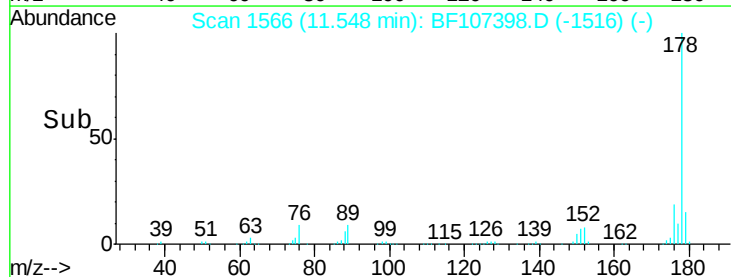
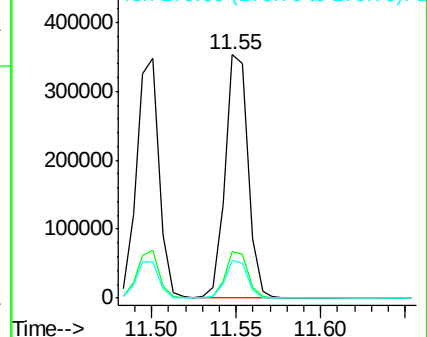
179 15.2 12.6 19.0

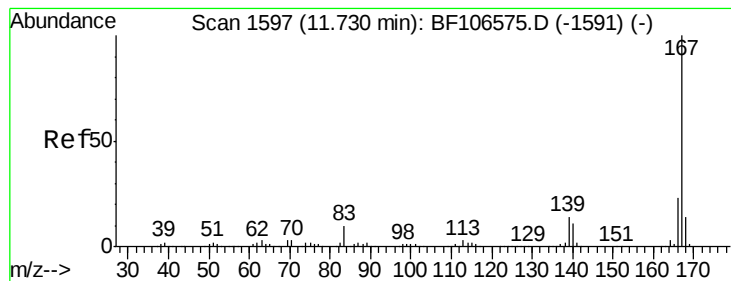


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.551 ng

RT: 11.71 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

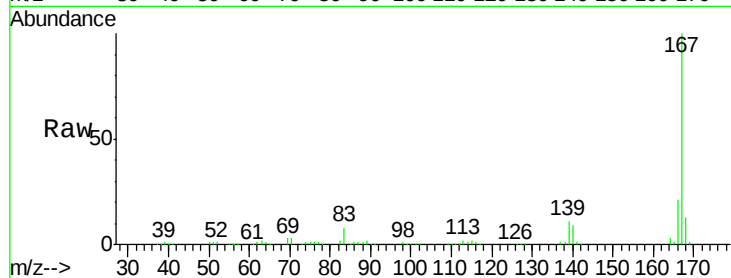
Tgt Ion:167 Resp: 295774

Ion Ratio Lower Upper

167 100

166 21.2 17.6 26.4

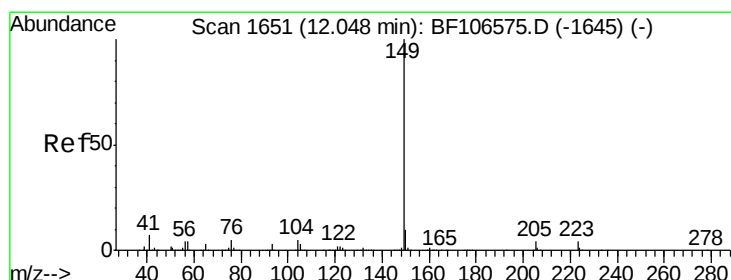
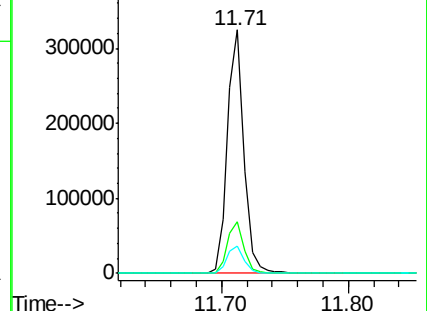
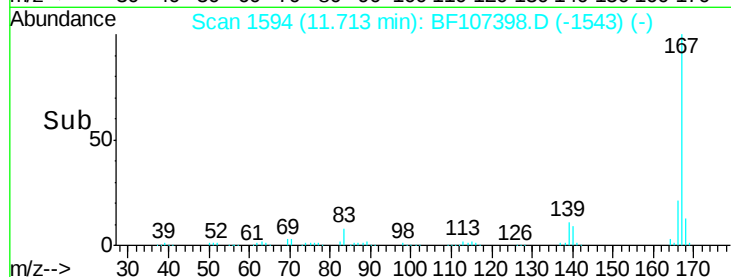
139 11.3 10.9 16.3



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: 36.968 ng

RT: 12.01 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

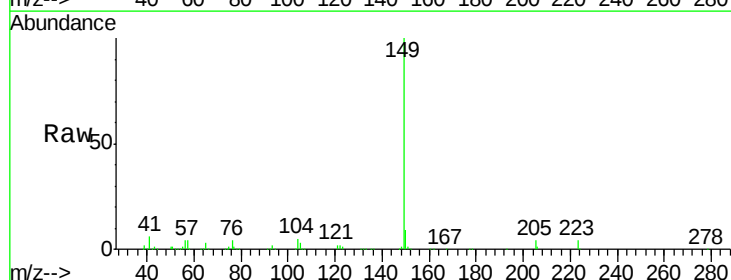
Tgt Ion:149 Resp: 334149

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

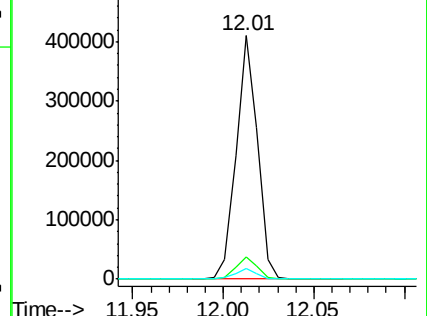
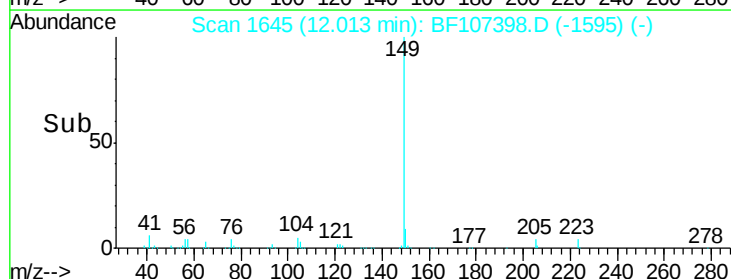
104 4.6 3.8 5.8

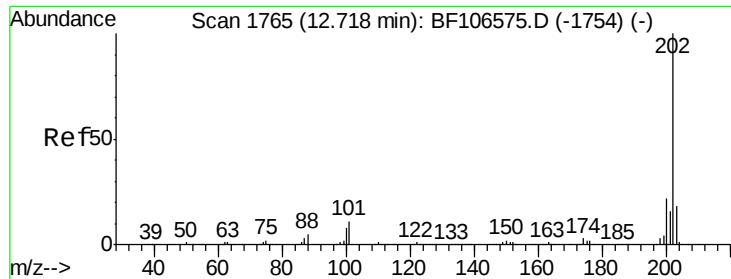


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

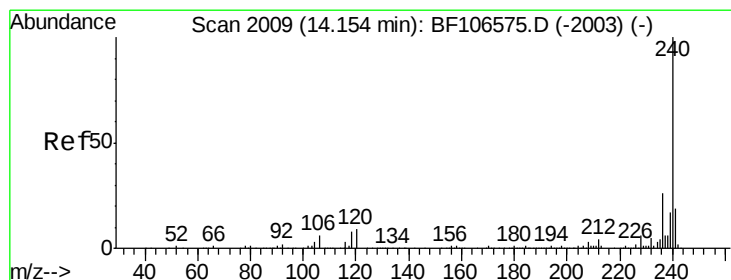
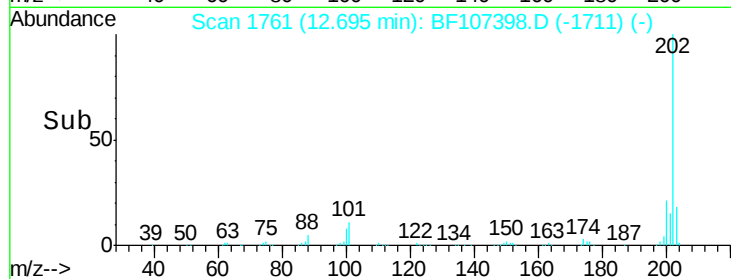
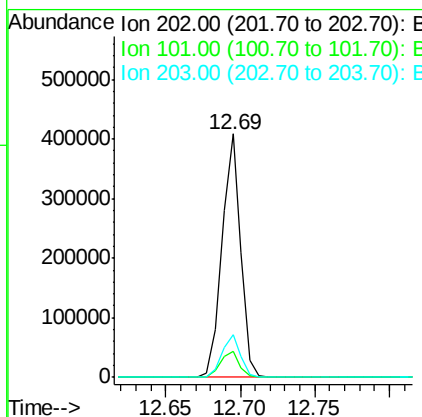
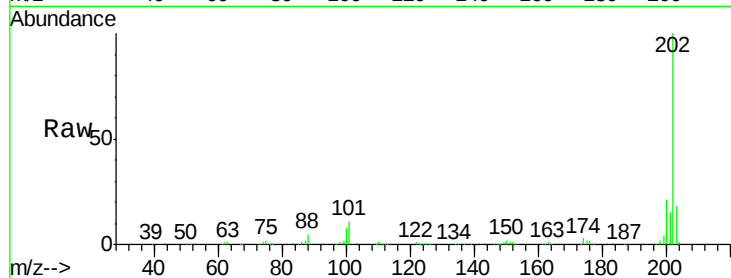




#74
 Fluoranthene
 Concen: 40.804 ng
 RT: 12.69 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

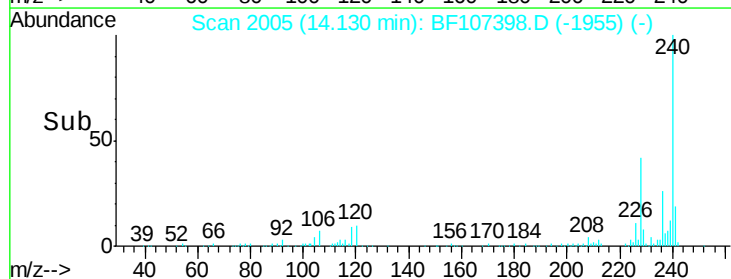
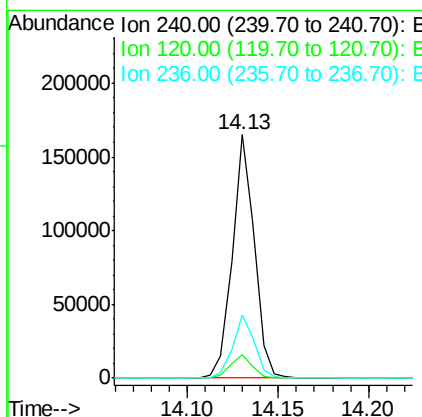
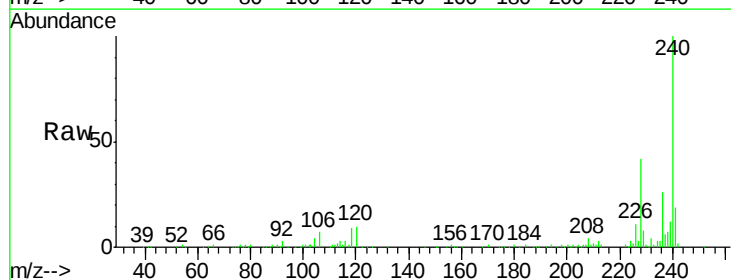
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

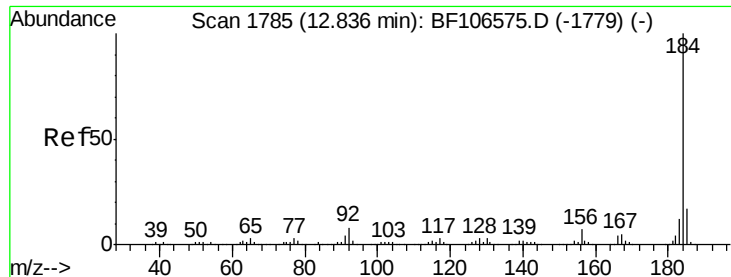
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	17.8	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.9	20.7	31.1

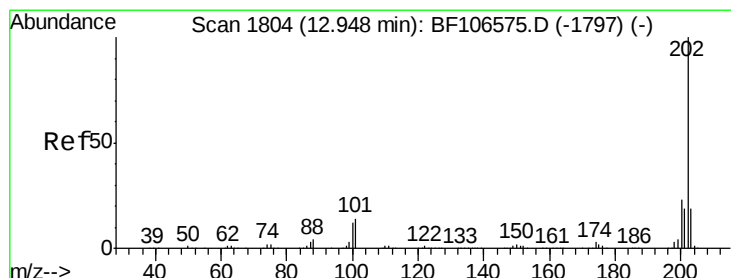
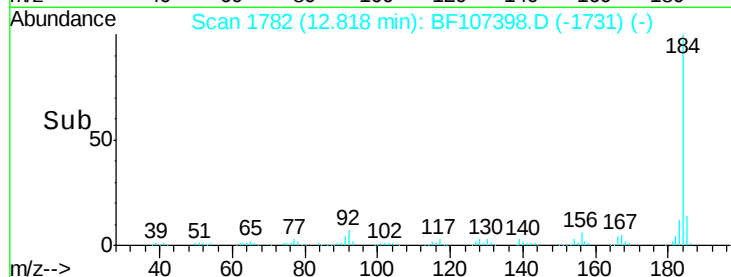
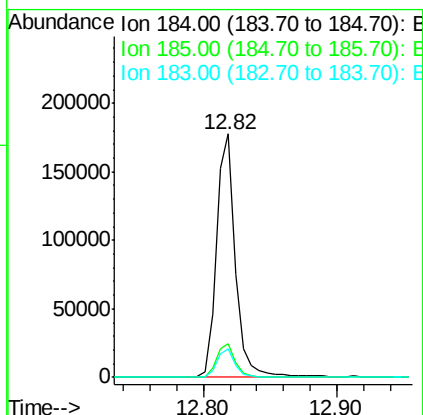
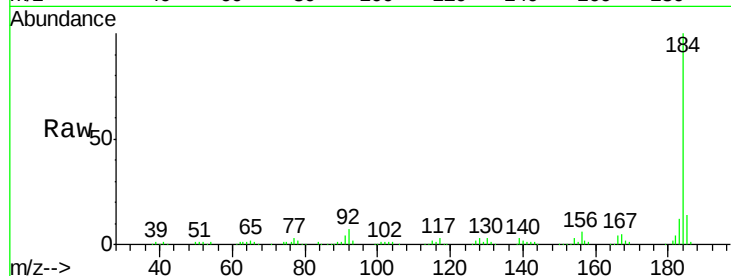




#76
Benzidine
Concen: 44.931 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

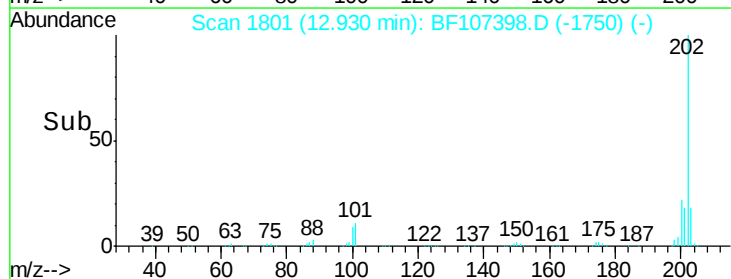
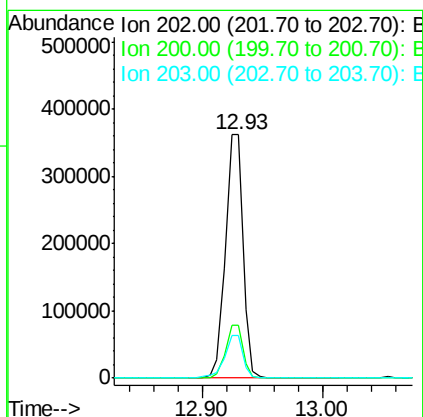
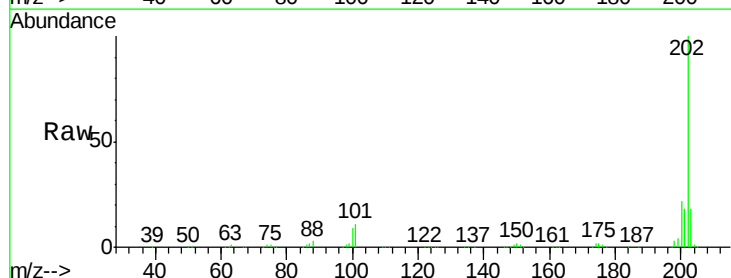
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

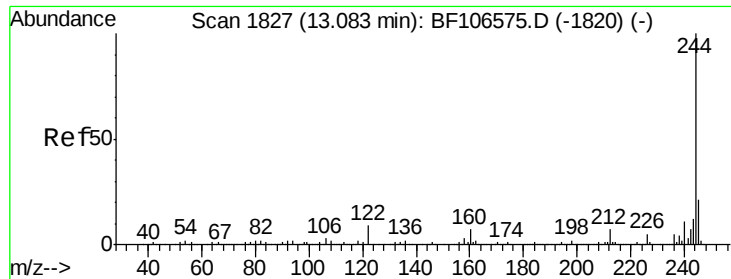
Tgt Ion:184 Resp: 178531
Ion Ratio Lower Upper
184 100
185 13.6 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 39.849 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion:202 Resp: 366615
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.6 14.3 21.5

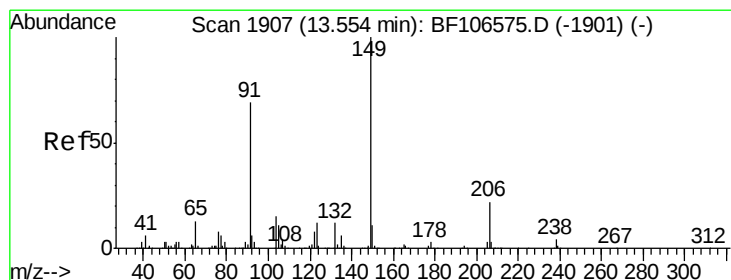
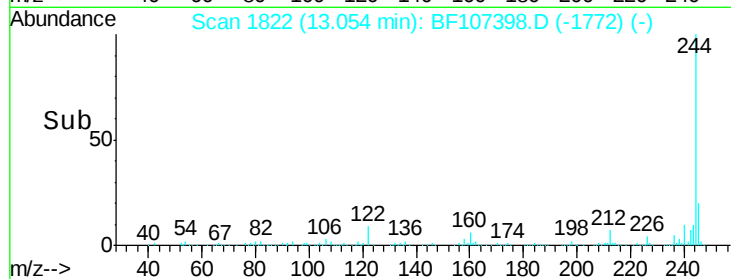
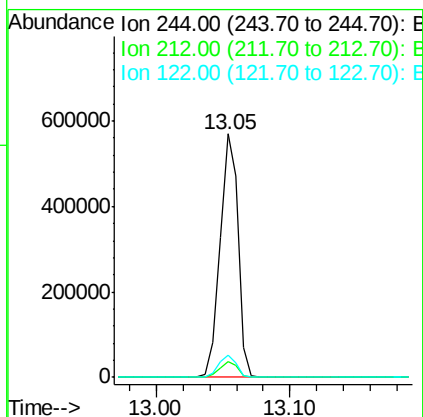
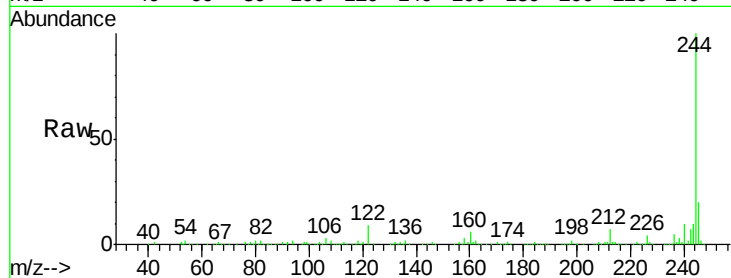




#78
 Terphenyl-d14
 Concen: 94.207 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

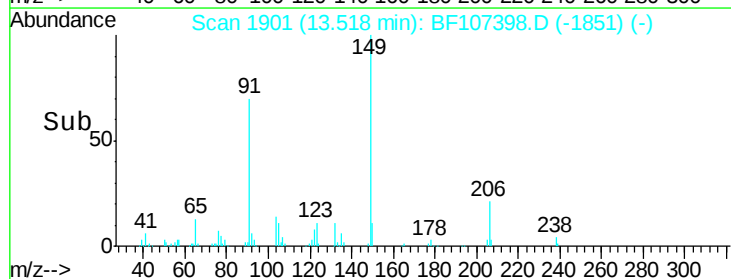
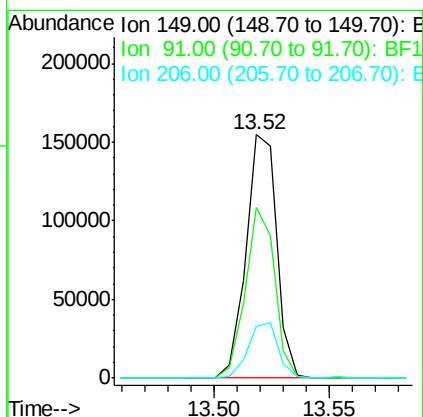
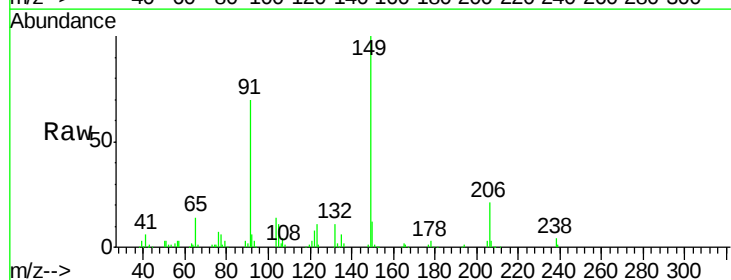
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

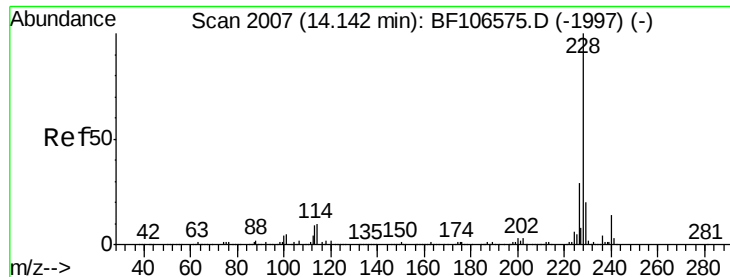
Tgt Ion: 244 Resp: 542603
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.1 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 38.113 ng
 RT: 13.52 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion: 149 Resp: 144167
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.8 85.2
 206 21.5 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 37.718 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

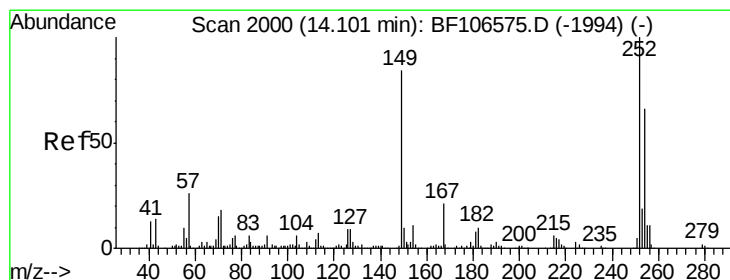
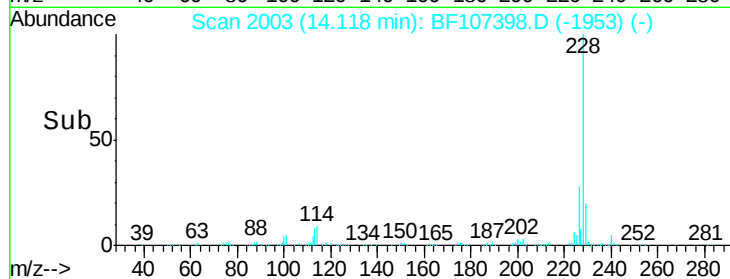
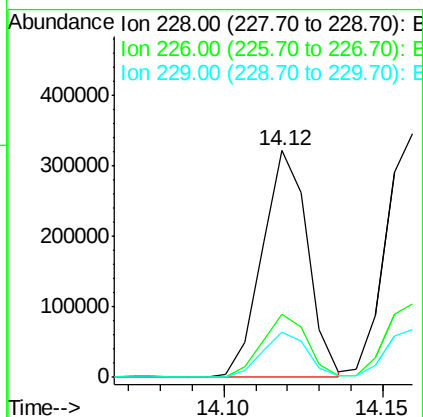
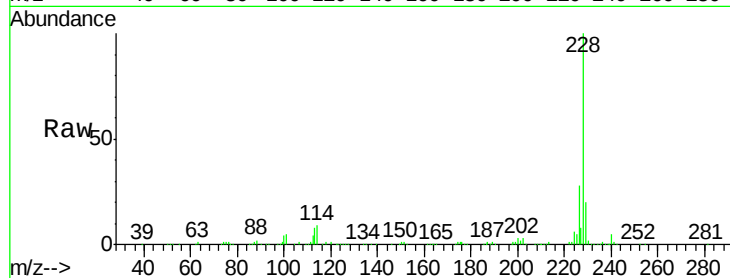
Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tgt Ion:	228	Resp:	320719
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6



#81

3,3'-Dichlorobenzidine

Concen: 35.272 ng

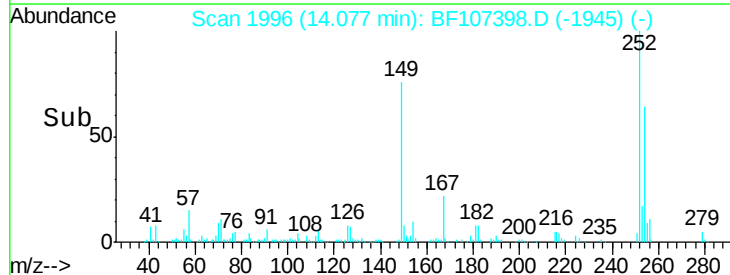
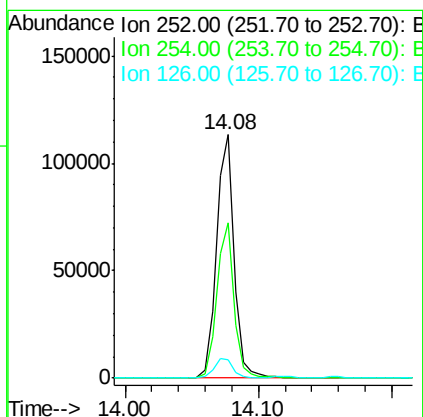
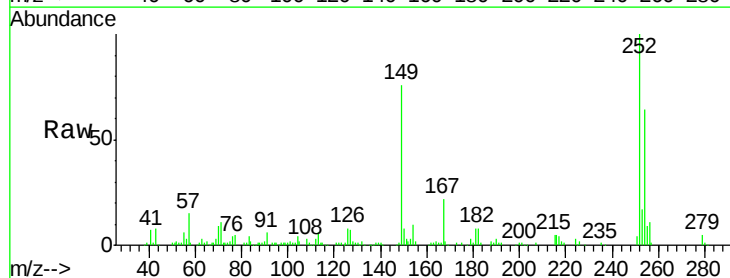
RT: 14.08 min Scan# 1996

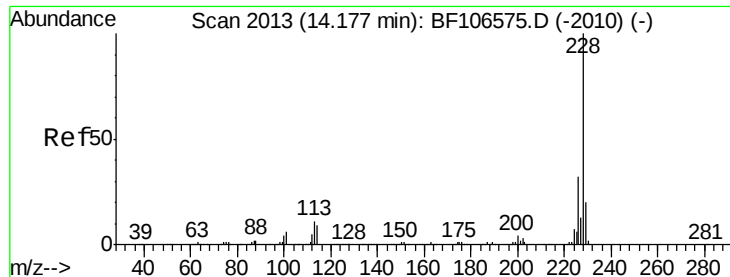
Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	252	Resp:	105411
Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	7.6	11.3	16.9#





#82

Chrysene

Concen: 38.760 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

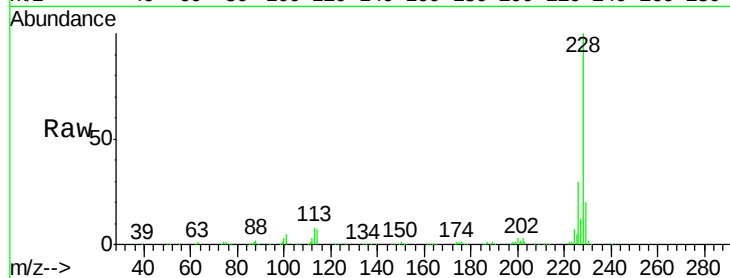
Tgt Ion:228 Resp: 303210

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

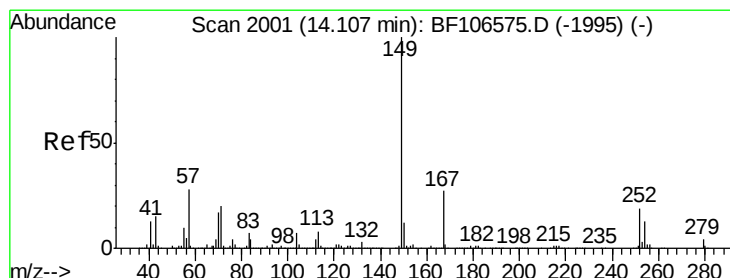
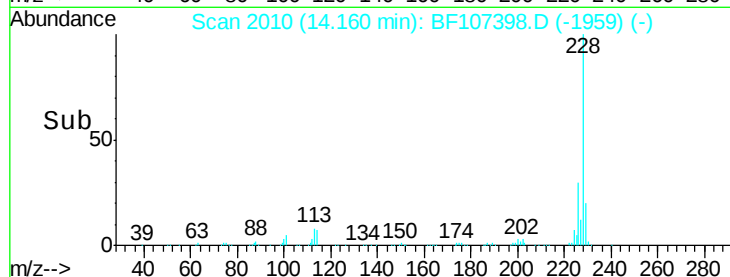
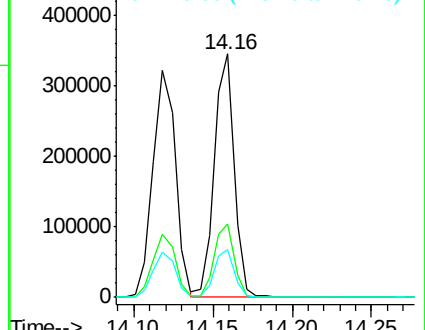
229 19.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.876 ng

RT: 14.07 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

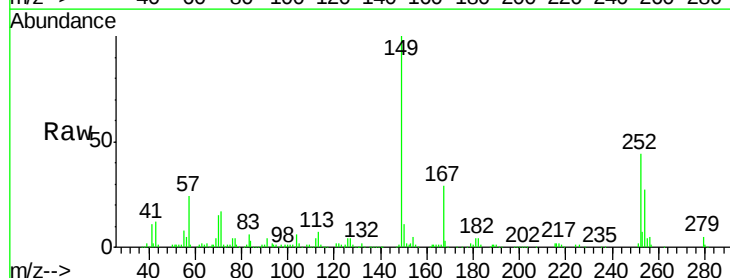
Tgt Ion:149 Resp: 188005

Ion Ratio Lower Upper

149 100

167 28.7 21.3 31.9

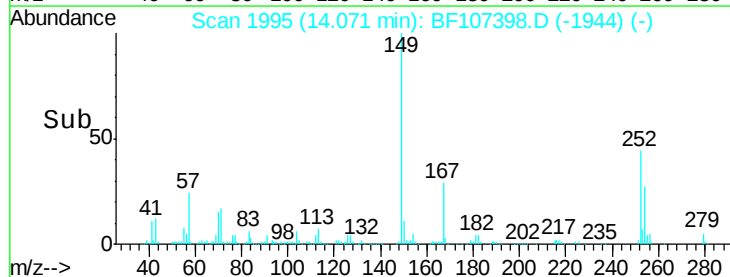
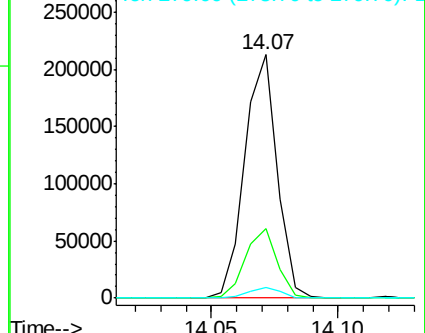
279 4.6 3.0 4.4#

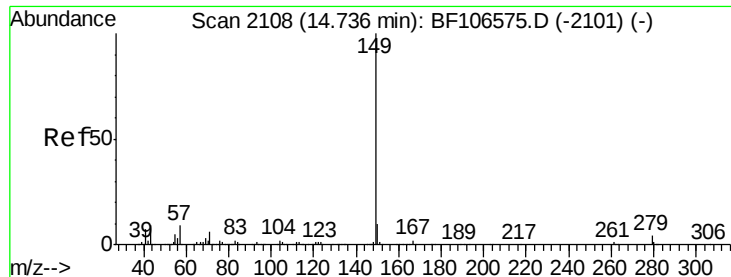


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

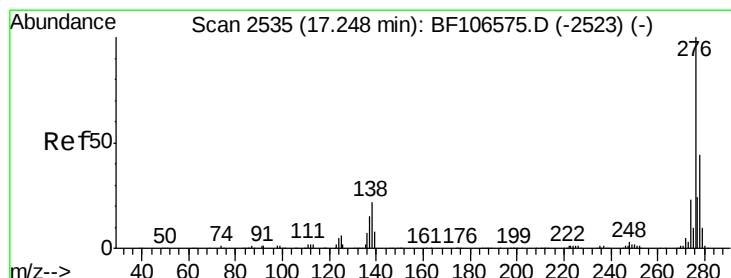
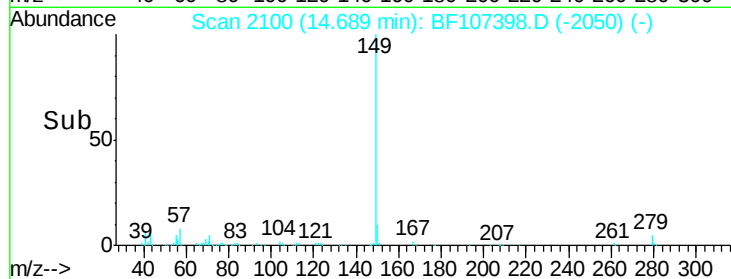
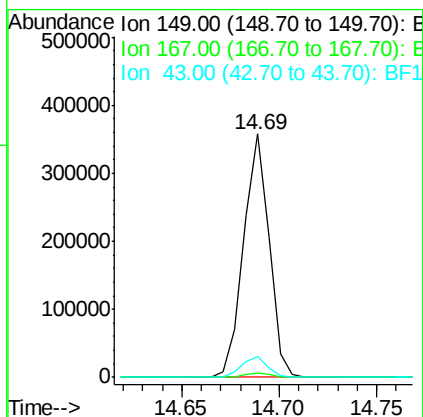
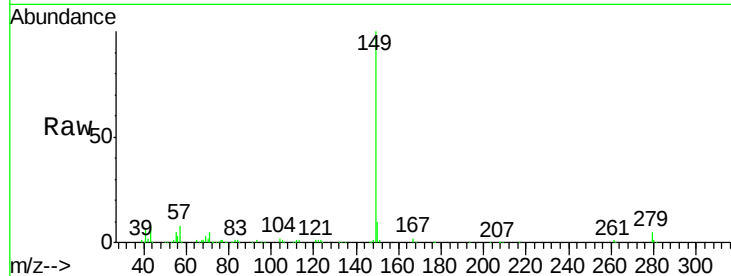




#84
Di-n-octyl phthalate
Concen: 41.193 ng
RT: 14.69 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

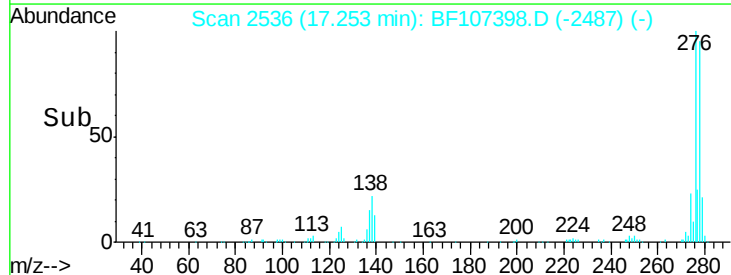
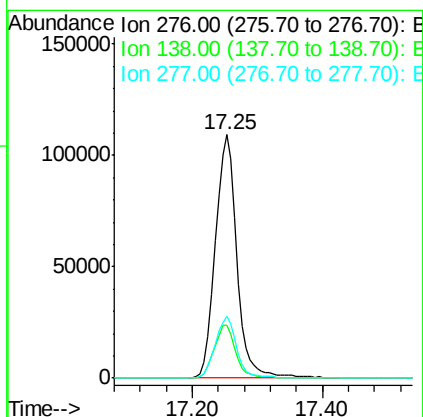
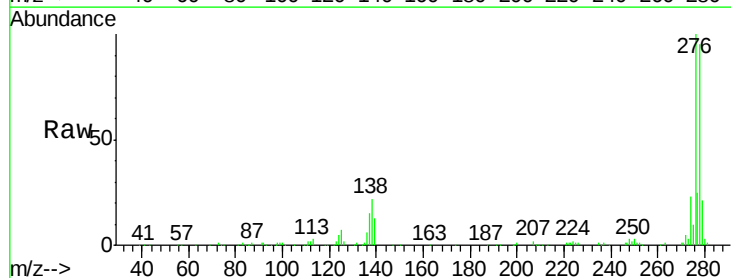
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

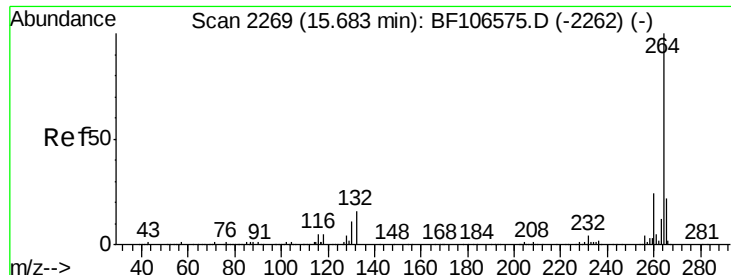
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.694 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.0	20.1	30.1



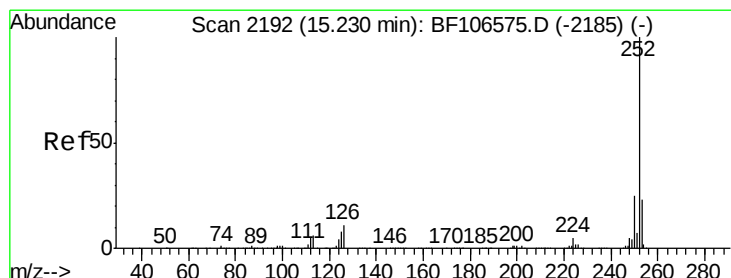
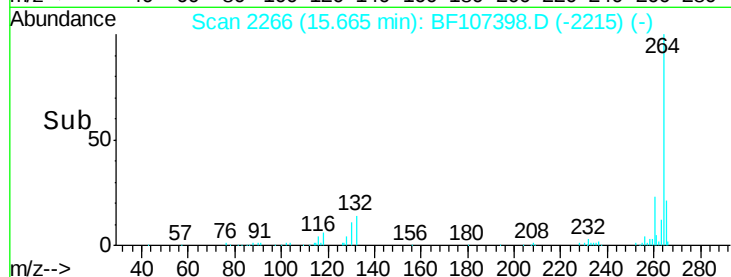
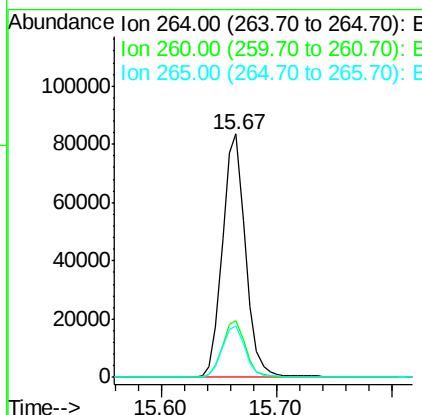
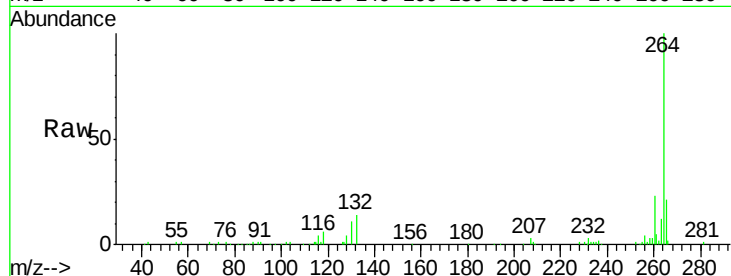


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tgt Ion: 264 Resp: 115652

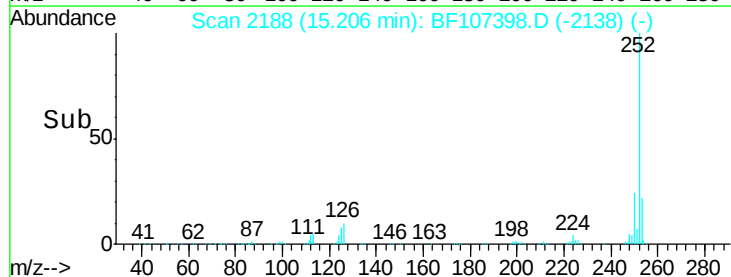
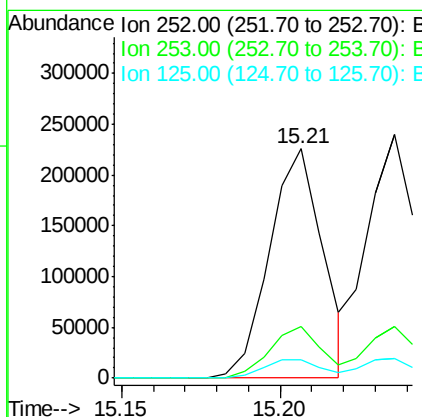
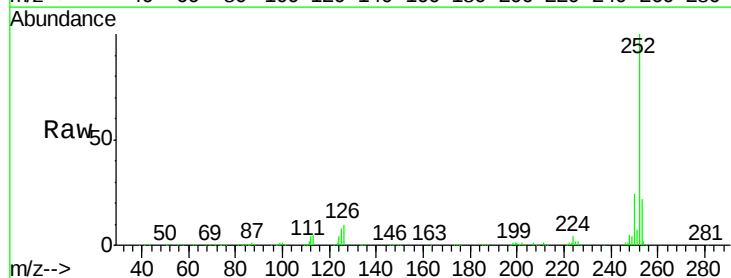
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

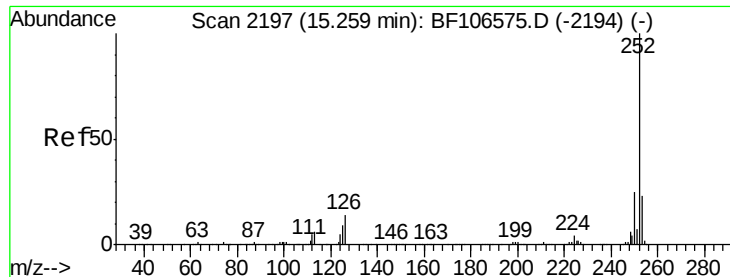


#87
Benzo(b)fluoranthene
Concen: 36.760 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion: 252 Resp: 264094

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.9	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 38.932 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

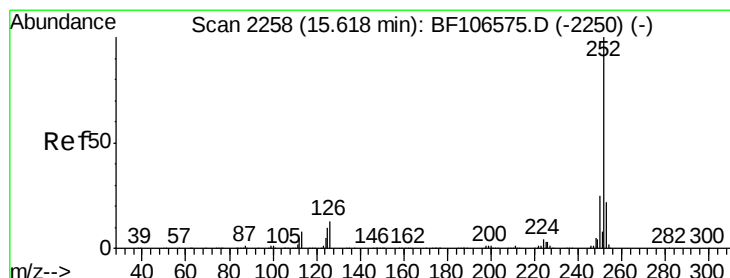
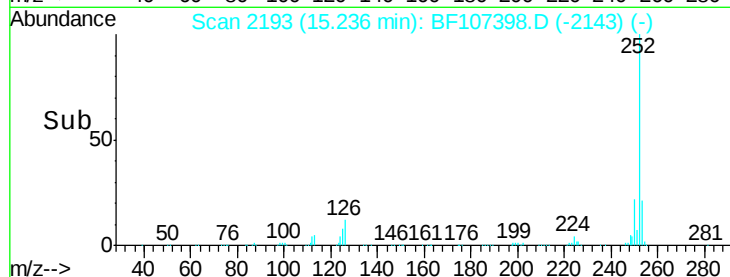
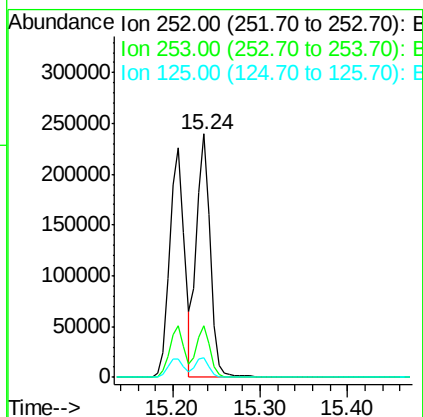
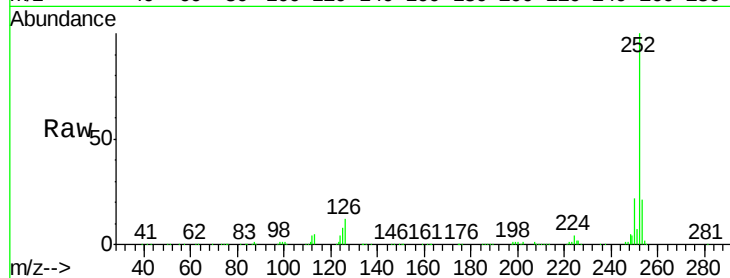
Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tgt Ion:	252	Resp:	266353
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.9	26.9
125	7.9	10.2	15.2#



#89

Benzo(a)pyrene

Concen: 39.136 ng

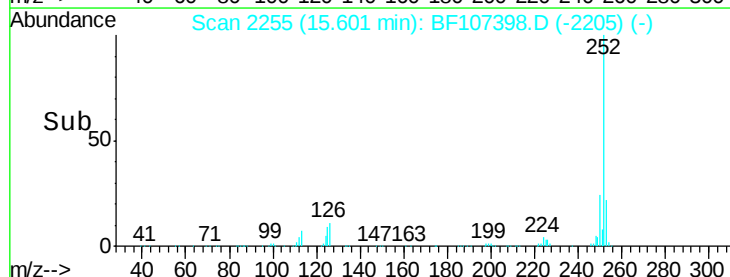
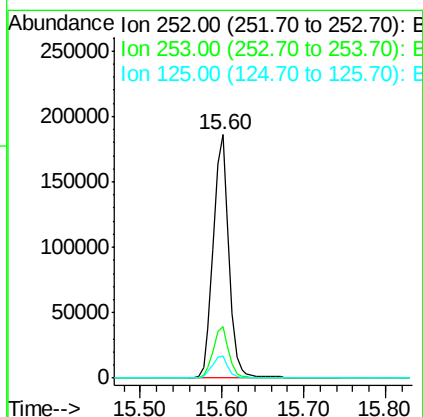
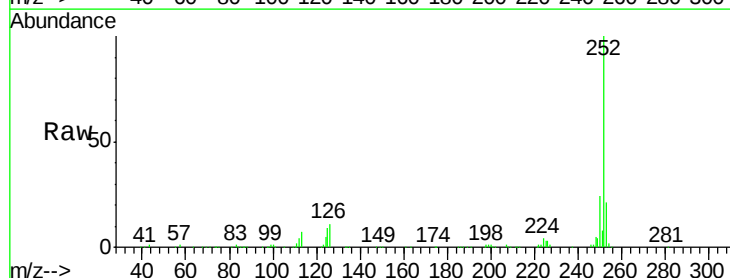
RT: 15.60 min Scan# 2255

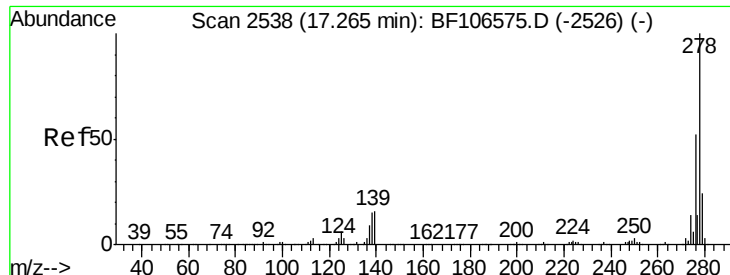
Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	252	Resp:	249944
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	9.0	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 39.248 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

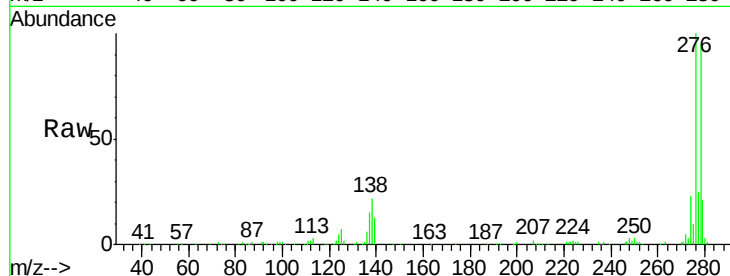
Tgt Ion: 278 Resp: 212435

Ion Ratio Lower Upper

278 100

139 13.7 15.9 23.9#

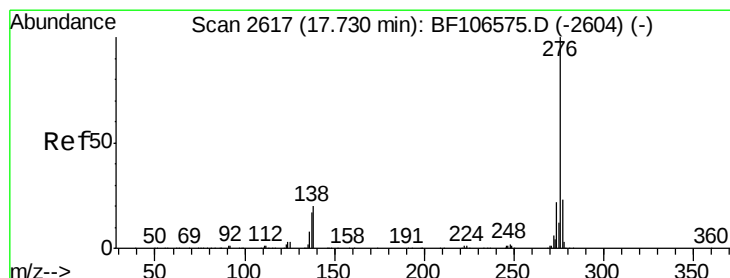
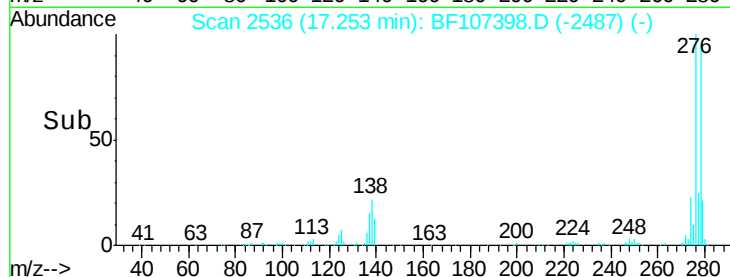
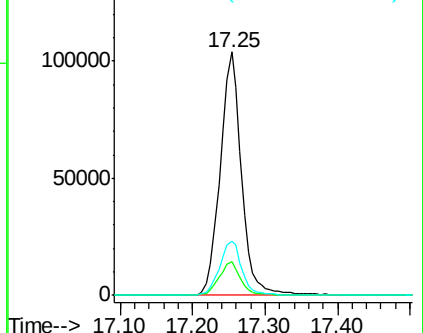
279 22.4 19.0 28.4



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: 39.081 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

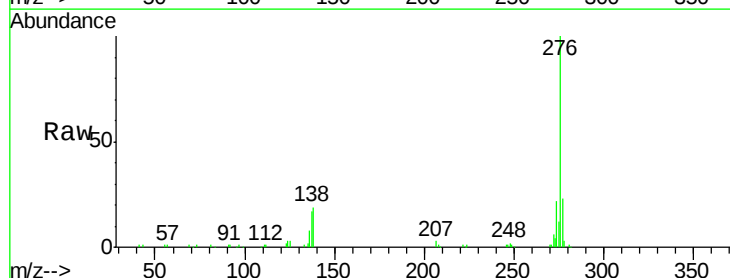
Tgt Ion: 276 Resp: 206755

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 19.4 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

