

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106576.D
 Acq On : 19 Jun 2018 12:10
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 12:34:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 12:10:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113418	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	461363	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	218453	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	430498	20.00	ng	0.00
75) Chrysene-d12	14.15	240	348348	20.00	ng	0.00
86) Perylene-d12	15.69	264	281218	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	636017	94.91	ng	0.00
7) Phenol-d6	6.61	99	793213	93.69	ng	0.00
23) Nitrobenzene-d5	7.54	82	799057	101.89	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	254799	121.22	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1265870	98.81	ng	0.00
78) Terphenyl-d14	13.08	244	1404694	100.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	171308	49.395	ng	96
3) Pyridine	3.61	79	474034	49.048	ng	99
4) n-Nitrosodimethylamine	3.59	42	204561	46.203	ng	90
6) Aniline	6.63	93	550413	44.522	ng	# 82
8) 2-Chlorophenol	6.76	128	354891	49.247	ng	99
9) Benzaldehyde	6.52	77	265753	41.383	ng	98
10) Phenol	6.62	94	457759	49.527	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	386032	48.789	ng	97
12) 1,3-Dichlorobenzene	6.91	146	418535	49.347	ng	99
13) 1,4-Dichlorobenzene	6.98	146	424557	49.327	ng	98
14) 1,2-Dichlorobenzene	7.14	146	381683	47.108	ng	98
15) Benzyl Alcohol	7.11	79	329582	45.456	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	501232	44.192	ng	88
17) 2-Methylphenol	7.22	107	309275	48.103	ng	# 94
18) Hexachloroethane	7.47	117	151360	49.355	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	258201	40.650	ng	94
20) 3+4-Methylphenols	7.38	107	331054	40.263	ng	# 65
22) Acetophenone	7.38	105	489629	42.112	ng	# 93
24) Nitrobenzene	7.55	77	413824	48.548	ng	99
25) Isophorone	7.79	82	714622	46.652	ng	100
26) 2-Nitrophenol	7.86	139	200229	60.518	ng	93
27) 2,4-Dimethylphenol	7.90	122	297890	45.936	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	473373	47.659	ng	99
29) 2,4-Dichlorophenol	8.11	162	315758	50.471	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	343762	49.005	ng	96
31) Naphthalene	8.27	128	1007079	48.287	ng	98
32) Benzoic acid	8.04	122	184641	42.893	ng	91
33) 4-Chloroaniline	8.32	127	439691	47.572	ng	98
34) Hexachlorobutadiene	8.38	225	225743	50.091	ng	98
35) Caprolactam	8.71	113	103933	49.114	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	332717	48.078	ng	97
37) 2-Methylnaphthalene	8.96	142	668939	47.091	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	359465	50.689	ng	97
40) Hexachlorocyclopentadiene	9.11	237	198642	50.769	ng	99

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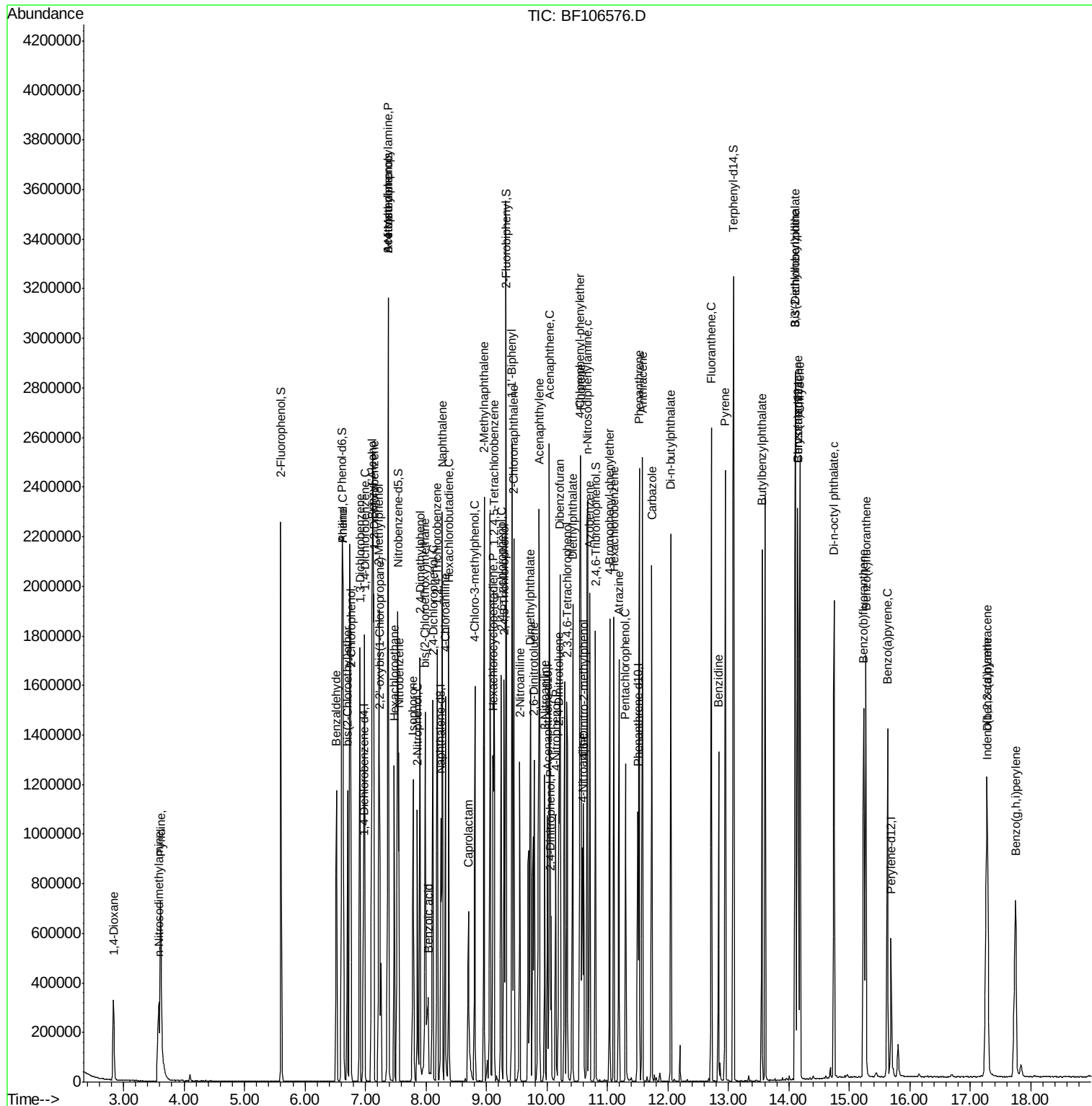
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	239545	53.005	nq	100
43) 2,4,5-Trichlorophenol	9.29	196	255207	52.383	nq	95
45) 1,1'-Biphenyl	9.42	154	818712	48.386	nq	99
46) 2-Chloronaphthalene	9.45	162	653685	48.276	nq	98
47) 2-Nitroaniline	9.55	65	228188	53.570	nq	96
48) Acenaphthylene	9.87	152	1030793	49.735	nq	97
49) Dimethylphthalate	9.73	163	790072	50.622	nq	# 99
50) 2,6-Dinitrotoluene	9.80	165	174643	54.781	nq	88
51) Acenaphthene	10.04	154	656210	49.026	nq	100
52) 3-Nitroaniline	9.97	138	205133	54.213	nq	96
53) 2,4-Dinitrophenol	10.07	184	87625	74.353	nq	# 14
54) Dibenzofuran	10.22	168	880610	48.858	nq	99
55) 4-Nitrophenol	10.14	139	144457	49.808	nq	95
56) 2,4-Dinitrotoluene	10.20	165	232434	58.059	nq	99
57) Fluorene	10.56	166	686097	48.045	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	205161	53.130	nq	# 84
59) Diethylphthalate	10.42	149	750521	48.449	nq	95
60) 4-Chlorophenyl-phenylether	10.55	204	365991	48.728	nq	88
61) 4-Nitroaniline	10.59	138	202676	55.054	nq	99
62) Azobenzene	10.71	77	735925	45.560	nq	96
64) 4,6-Dinitro-2-methylphenol	10.61	198	143503	68.207	nq	85
65) n-Nitrosodiphenylamine	10.67	169	686750	47.466	nq	96
66) 4-Bromophenyl-phenylether	11.04	248	251309	51.325	nq	# 86
67) Hexachlorobenzene	11.11	284	268936	53.276	nq	# 84
68) Atrazine	11.20	200	226582	50.818	nq	96
69) Pentachlorophenol	11.30	266	146670	47.193	nq	98
70) Phenanthrene	11.52	178	1006896	47.758	nq	98
71) Anthracene	11.58	178	1045990	49.523	nq	98
72) Carbazole	11.74	167	931289	47.759	nq	98
73) Di-n-butylphthalate	12.05	149	1111844	51.232	nq	99
74) Fluoranthene	12.72	202	1101853	49.006	nq	97
76) Benzidine	12.84	184	466752	40.260	nq	97
77) Pyrene	12.95	202	1144226	52.466	nq	97
79) Butylbenzylphthalate	13.55	149	486362	59.577	nq	# 98
80) Benzo(a)anthracene	14.14	228	1031075	49.738	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	352075	50.338	nq	# 97
82) Chrysene	14.18	228	941245	49.732	nq	97
83) Bis(2-ethylhexyl)phthalate	14.11	149	589574	50.369	nq	# 99
84) Di-n-octyl phthalate	14.75	149	963523	57.099	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	786327	52.057	nq	# 92
87) Benzo(b)fluoranthene	15.24	252	866683	50.983	nq	97
88) Benzo(k)fluoranthene	15.27	252	833599	49.514	nq	# 97
89) Benzo(a)pyrene	15.63	252	767414	50.190	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	664945	52.163	nq	# 94
91) Benzo(g,h,i)perylene	17.75	276	658318	53.140	nq	# 90

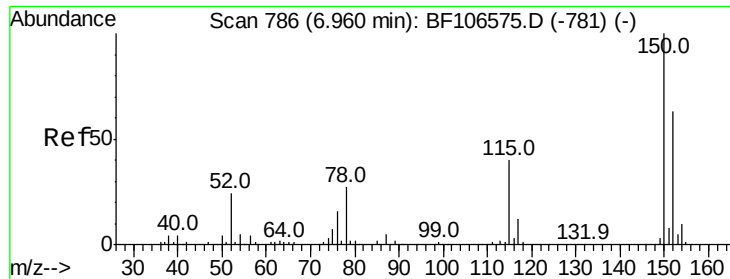
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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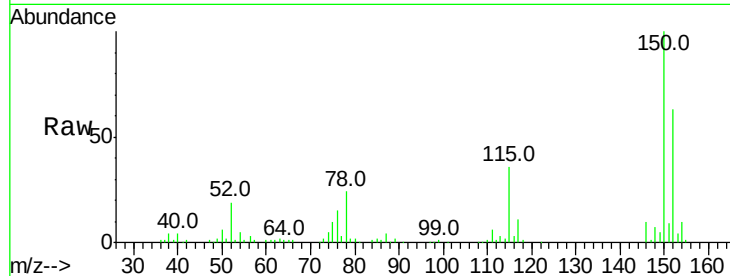


#1

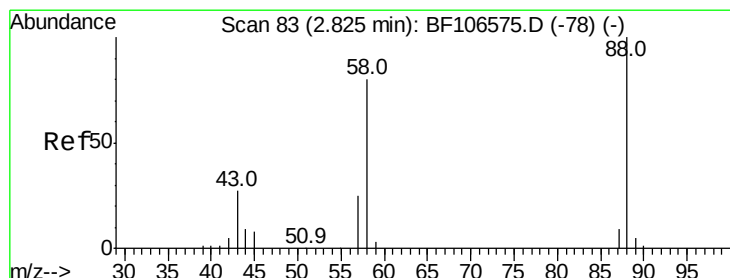
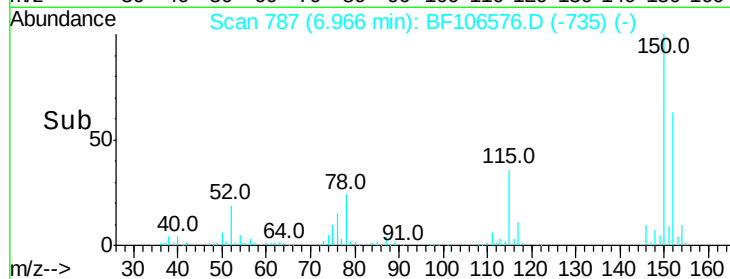
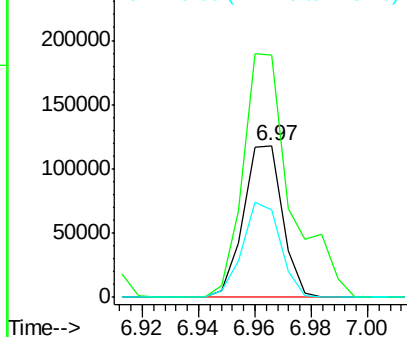
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 113418
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 57.3 50.1 75.1



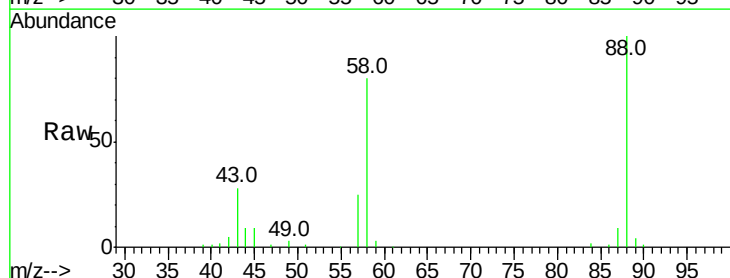
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



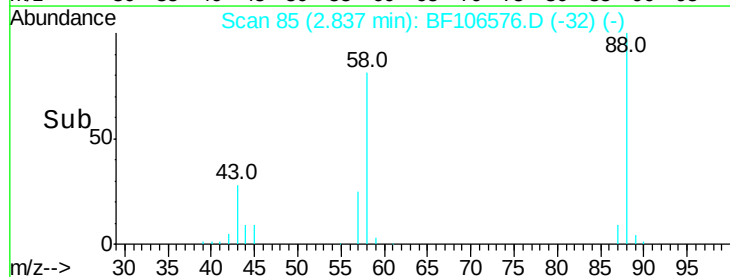
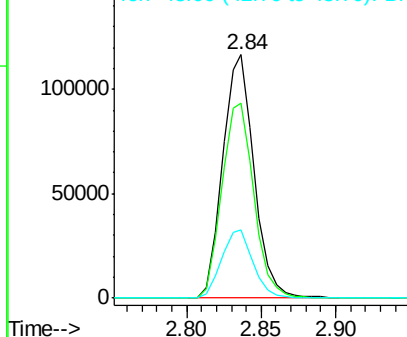
#2

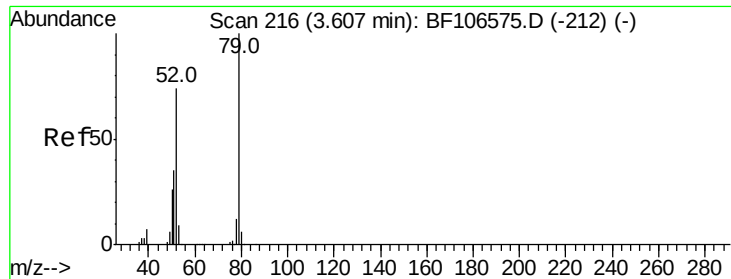
1,4-Dioxane
Concen: 49.395 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion: 88 Resp: 171308
Ion Ratio Lower Upper
88 100
58 81.8 62.6 93.8
43 28.2 24.6 37.0



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





#3

Pvridine

Concen: 49.048 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

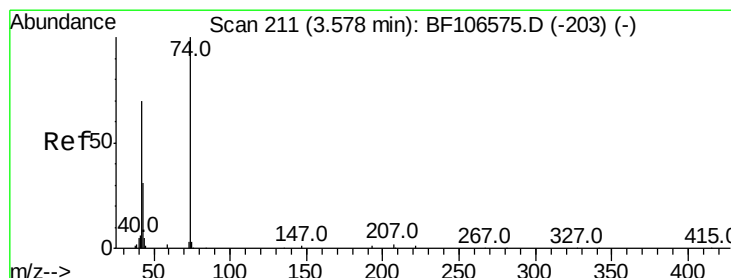
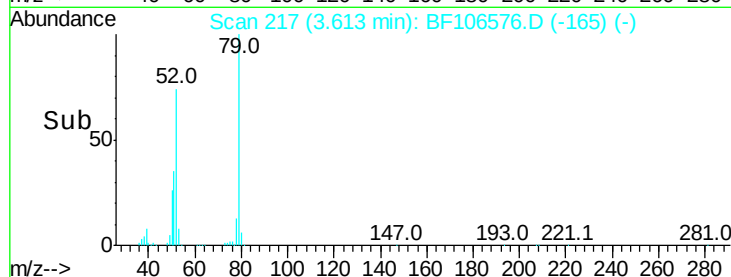
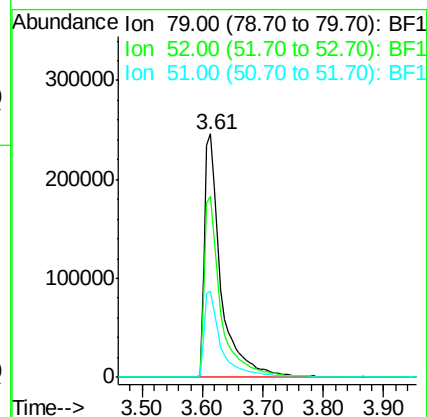
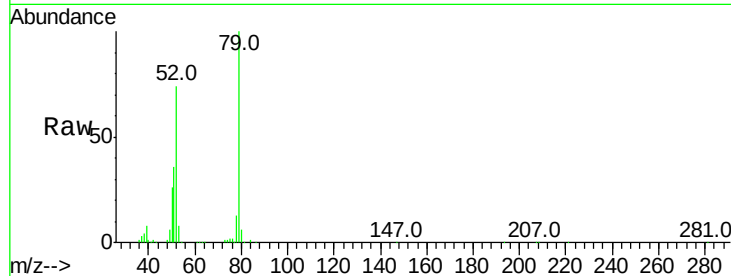
Tot Ion: 79 Resp: 474034

Ion Ratio Lower Upper

79 100

52 74.2 59.8 89.6

51 35.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.203 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

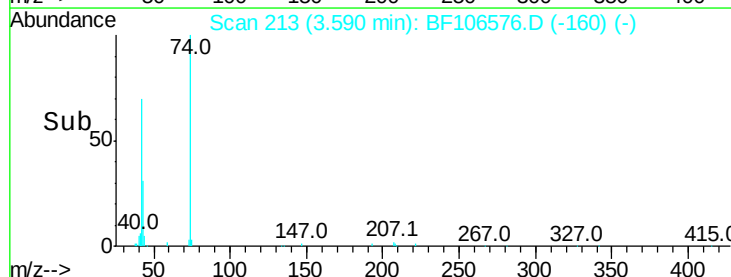
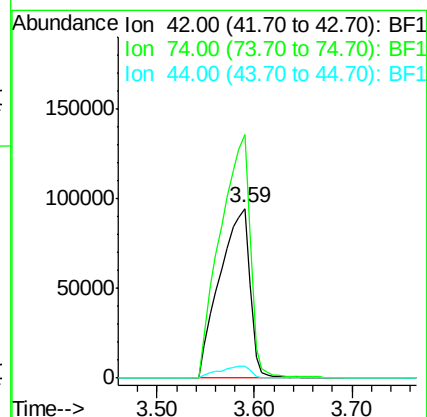
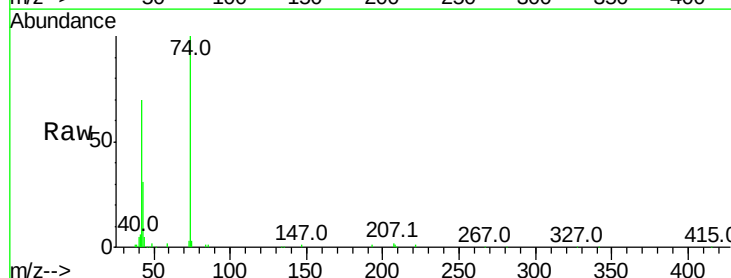
Tgt Ion: 42 Resp: 204561

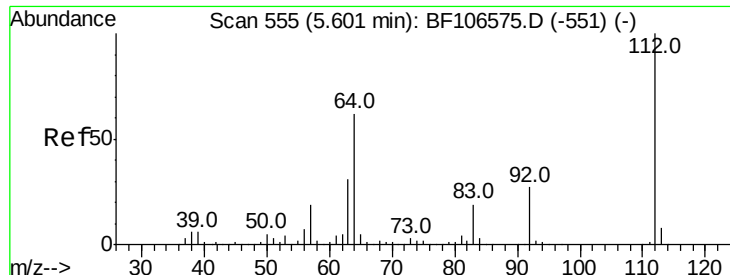
Ion Ratio Lower Upper

42 100

74 143.6 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 94.911 ng

RT: 5.60 min Scan# 555

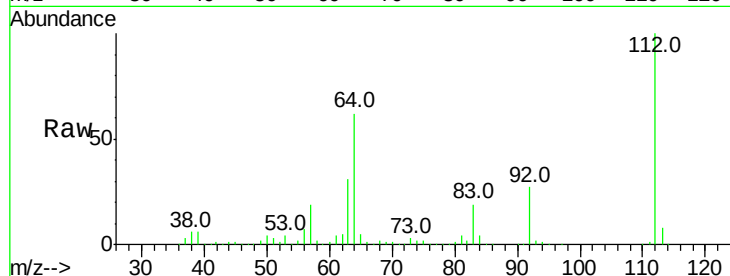
Delta R.T. 0.00 min

Lab File: BF106576.D

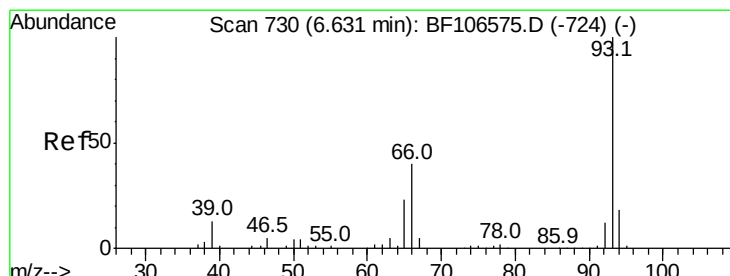
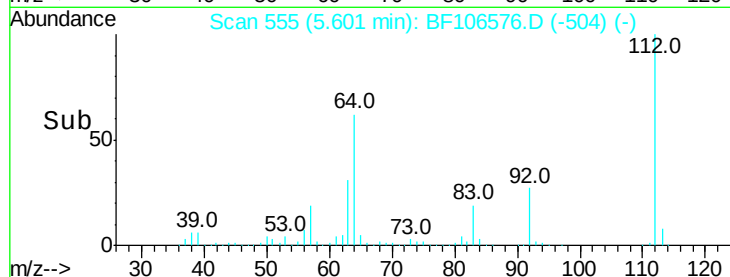
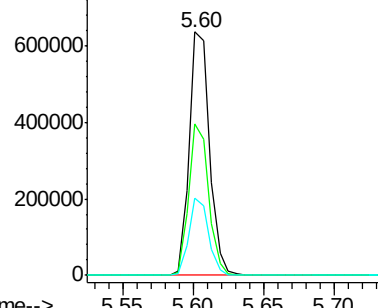
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	636017
Ion	Ratio	Lower	Upper
112	100		
64	62.3	47.9	71.9
63	31.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 44.522 ng

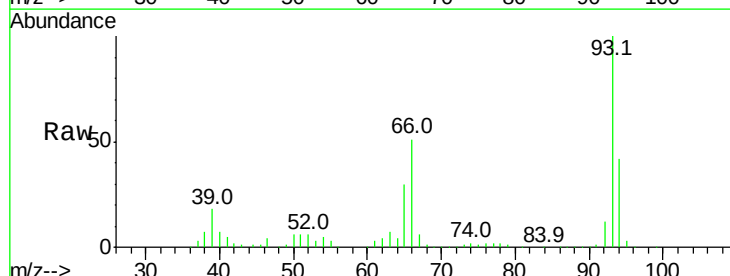
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

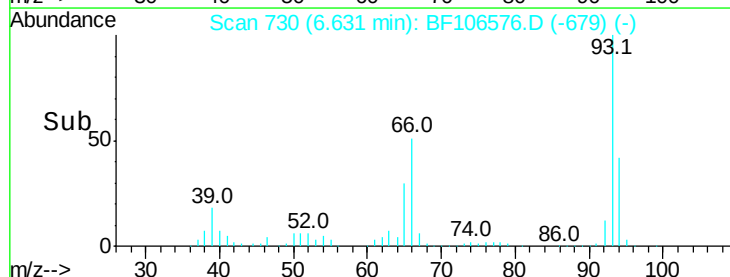
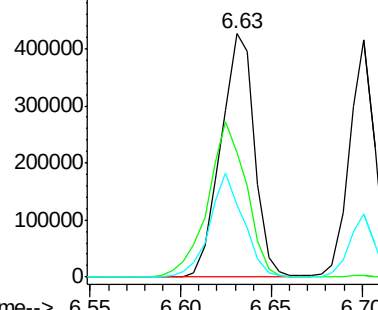
Lab File: BF106576.D

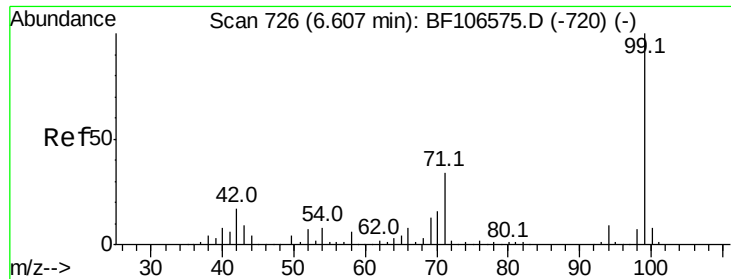
Acq: 19 Jun 2018 12:10

Tgt Ion:	93	Resp:	550413
Ion	Ratio	Lower	Upper
93	100		
66	51.2	32.2	48.2#
65	29.6	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: 93.690 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

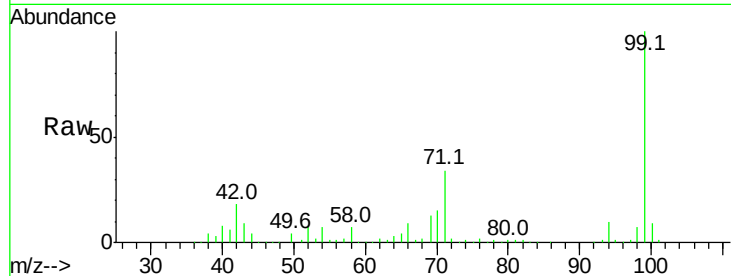
Tot Ion: 99 Resp: 793213

Ion Ratio Lower Upper

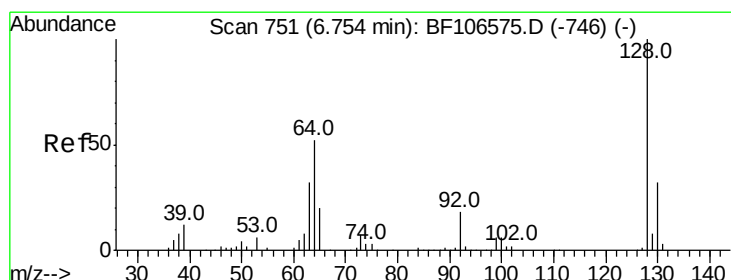
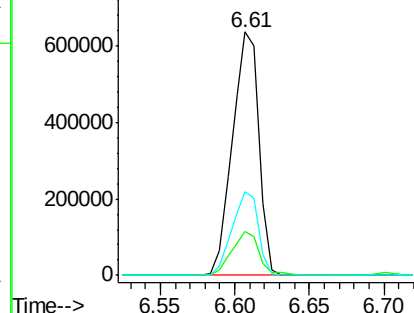
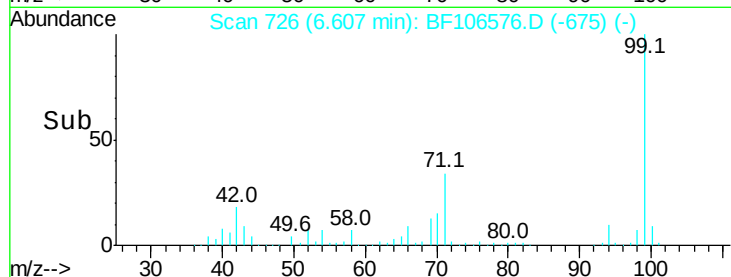
99 100

42 17.8 14.5 21.7

71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.247 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

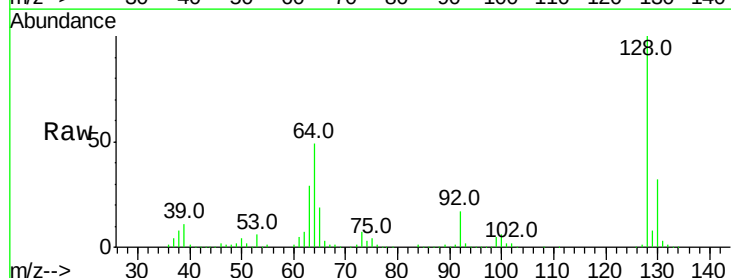
Tgt Ion: 128 Resp: 354891

Ion Ratio Lower Upper

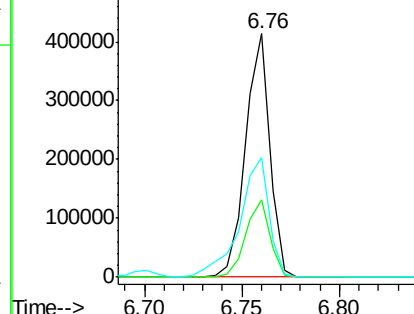
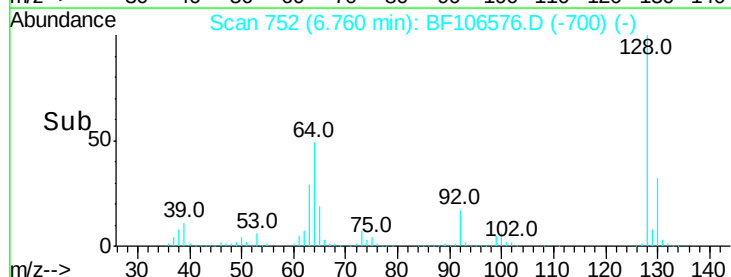
128 100

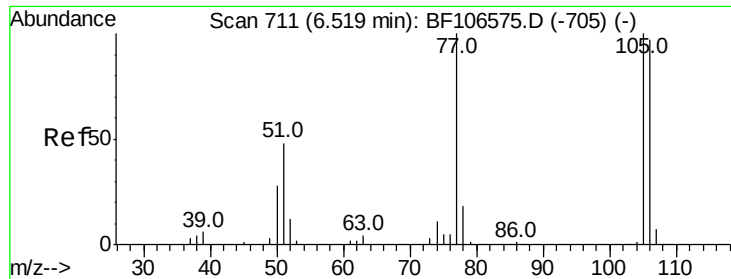
130 31.9 13.0 53.0

64 49.0 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: 41.383 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

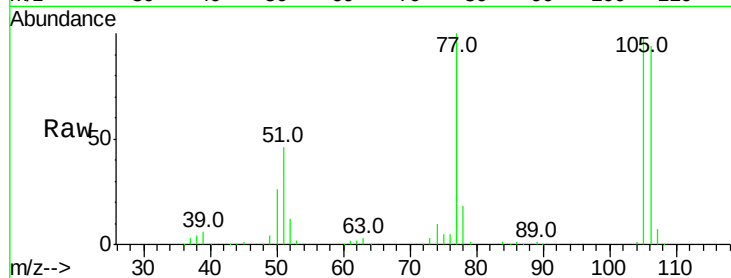
Tot Ion: 77 Resp: 265753

Ion Ratio Lower Upper

77 100

105 98.4 81.1 121.1

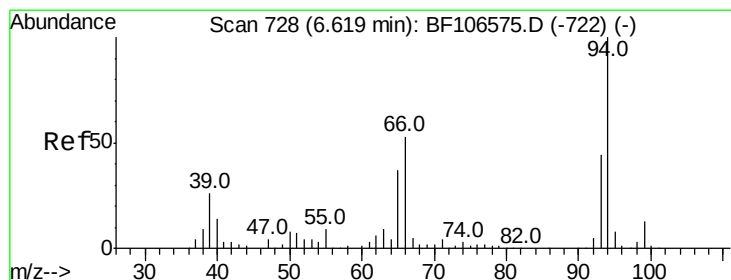
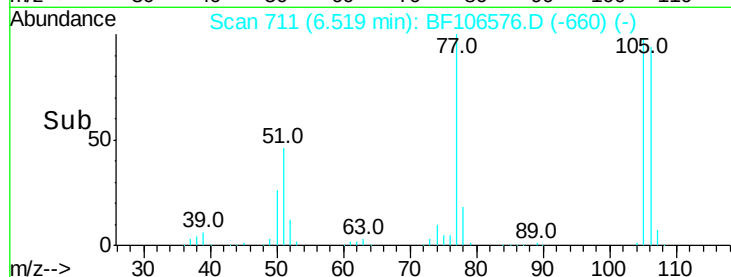
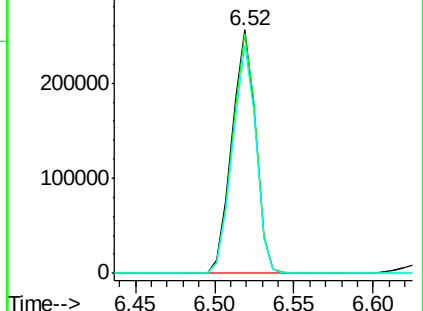
106 93.6 74.5 114.5



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: 49.527 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

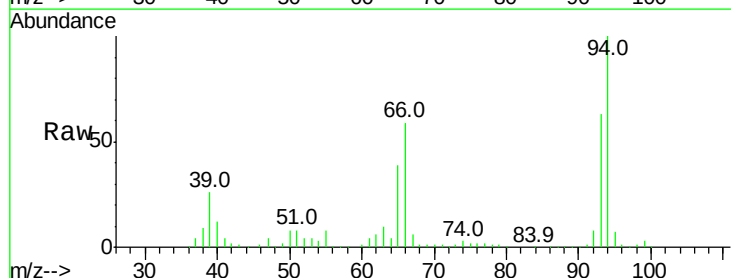
Tgt Ion: 94 Resp: 457759

Ion Ratio Lower Upper

94 100

65 39.1 7.9 47.9

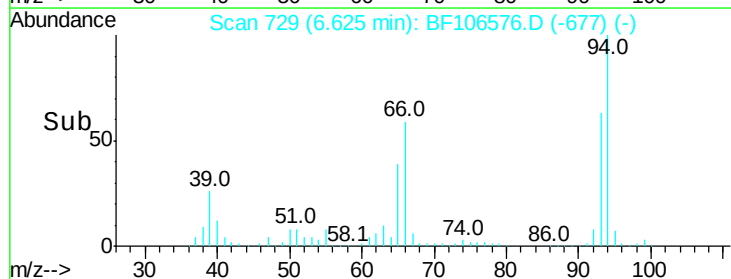
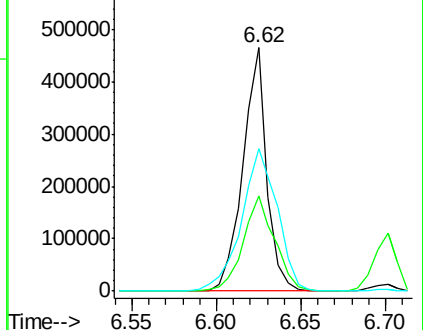
66 58.5 16.2 56.2#

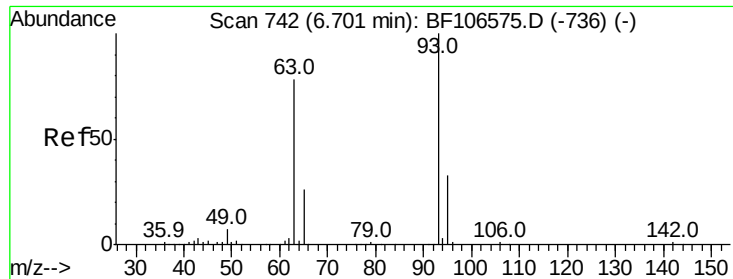


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.789 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

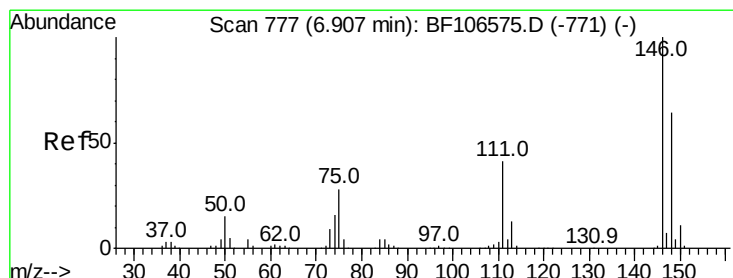
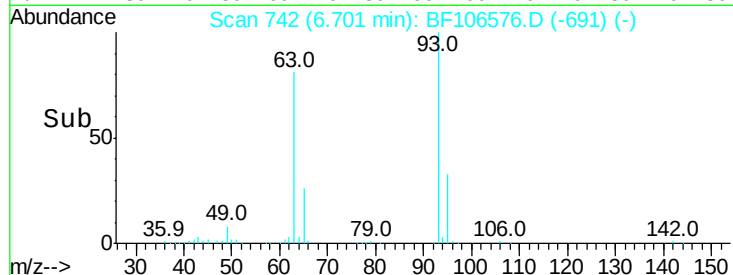
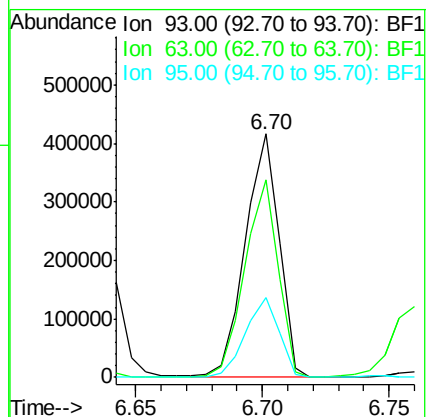
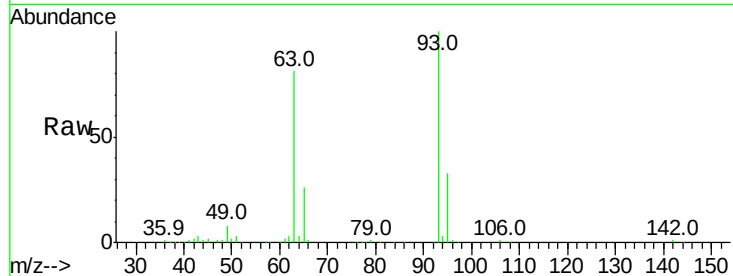
Tot Ion: 93 Resp: 386032

Ion Ratio Lower Upper

93 100

63 81.4 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 49.347 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

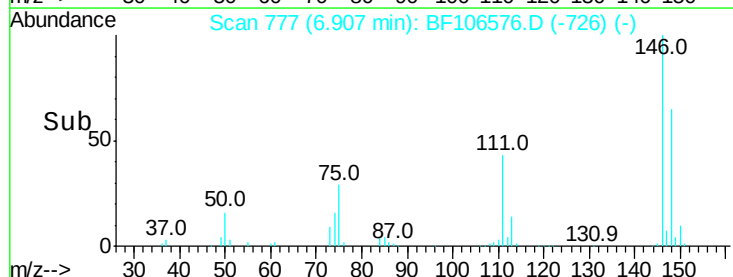
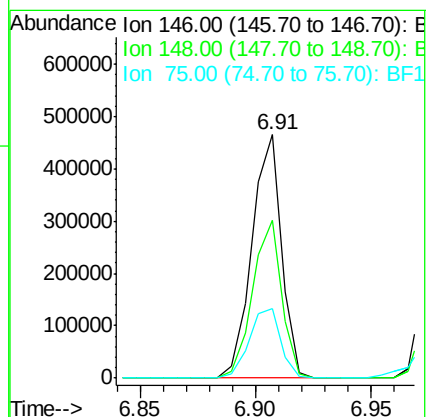
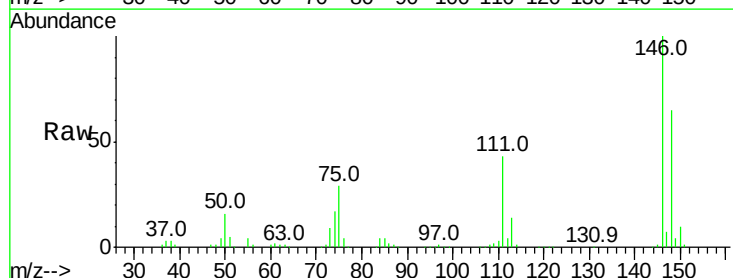
Tgt Ion: 146 Resp: 418535

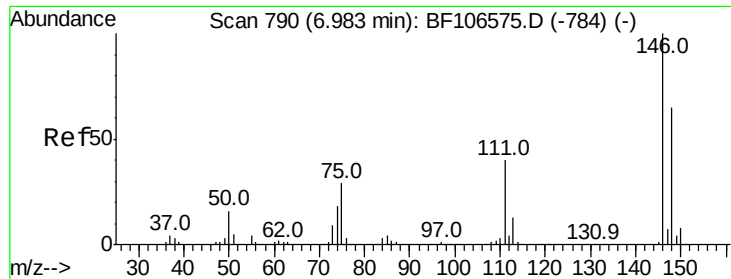
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 28.8 24.2 36.4

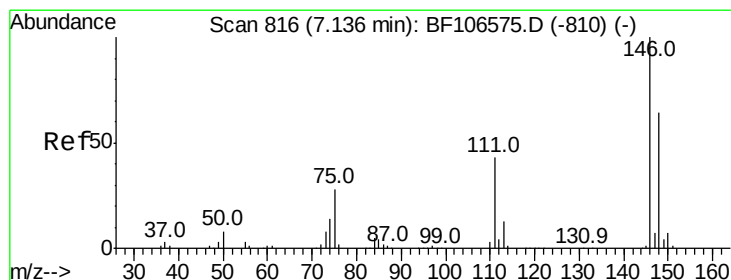
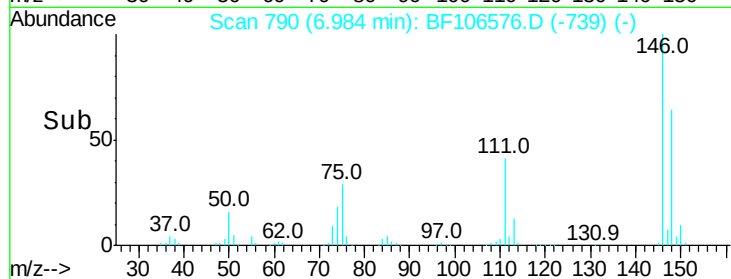
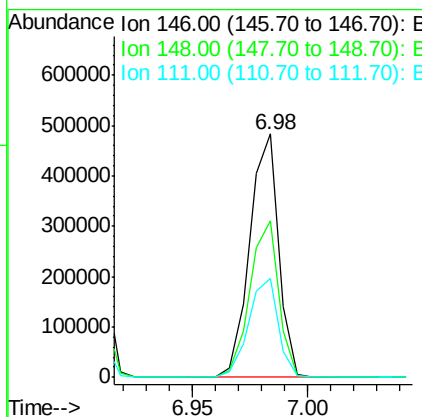
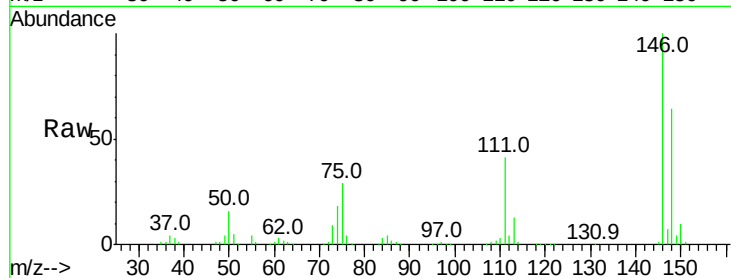




#13
 1,4-Dichlorobenzene
 Concen: 49.327 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

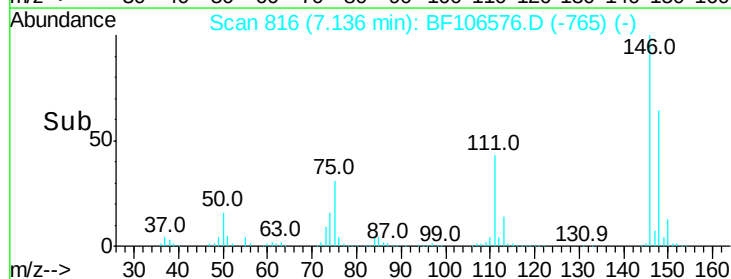
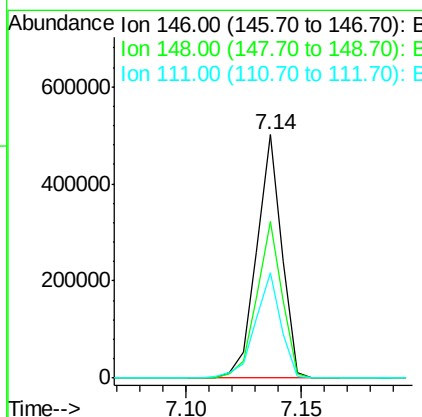
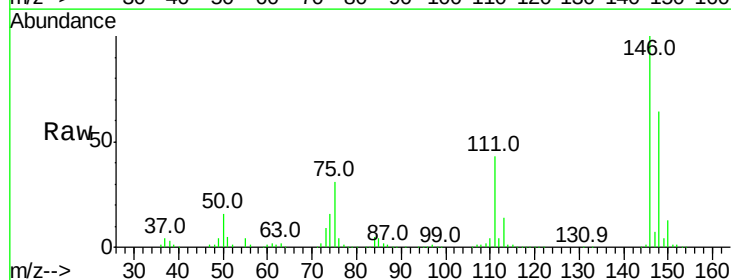
Instrument :
 BNA_F
 ClientSampleId :

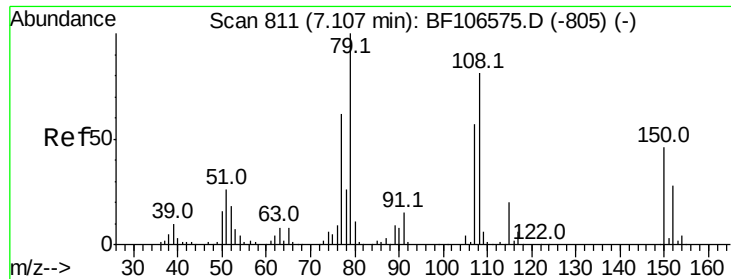
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	40.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 47.108 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	43.4	36.0	54.0

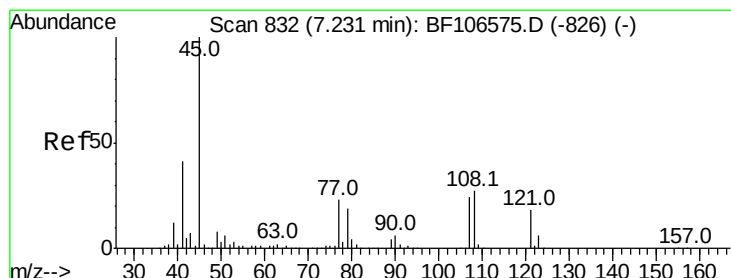
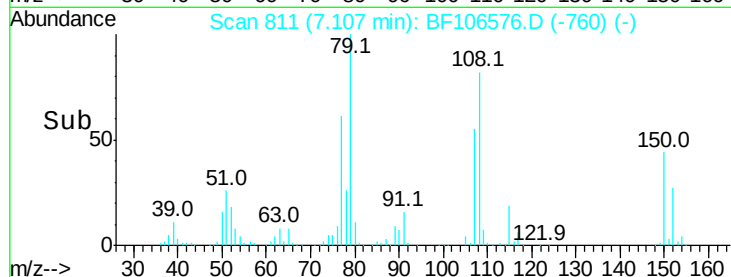
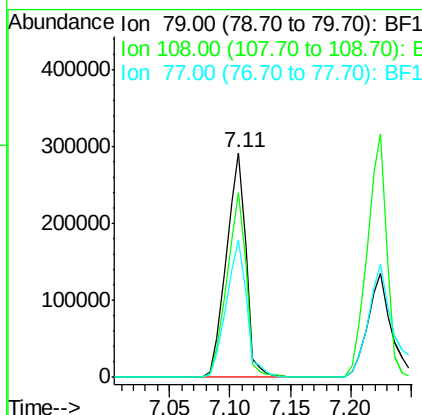
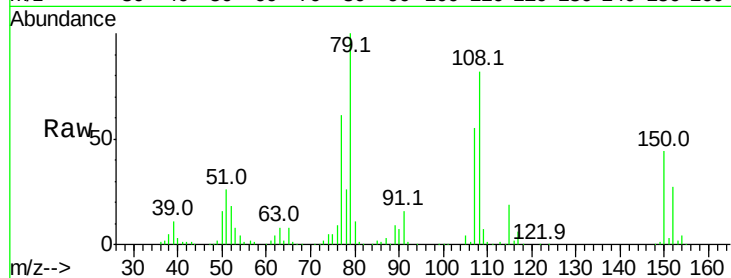




#15
Benzyl Alcohol
Concen: 45.456 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

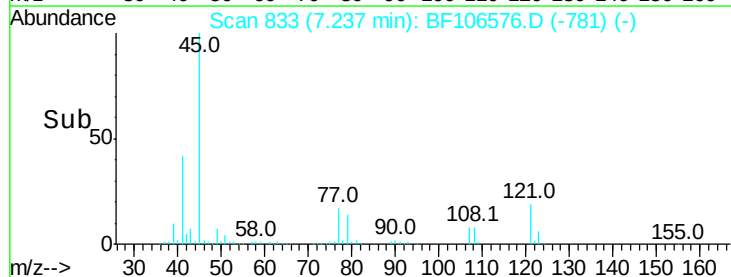
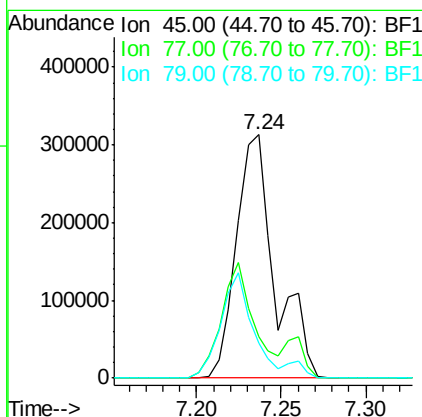
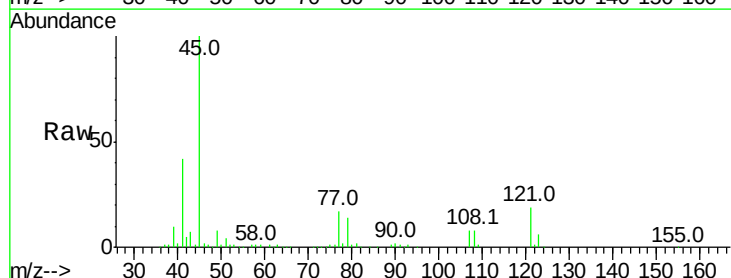
Instrument :
BNA_F
ClientSampleId :

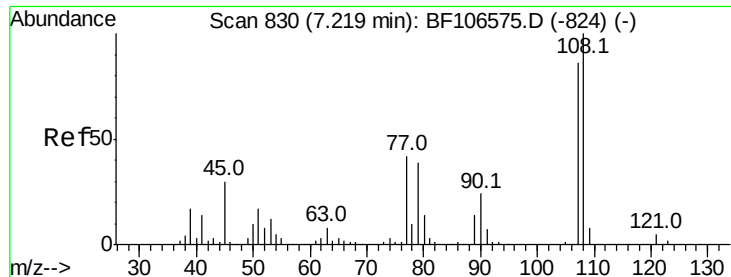
Tot Ion: 79 Resp: 329582
Ion Ratio Lower Upper
79 100
108 82.3 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.192 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion: 45 Resp: 501232
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.9
79 14.3 0.0 29.6





#17

2-Methylphenol

Concen: 48.103 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 309275

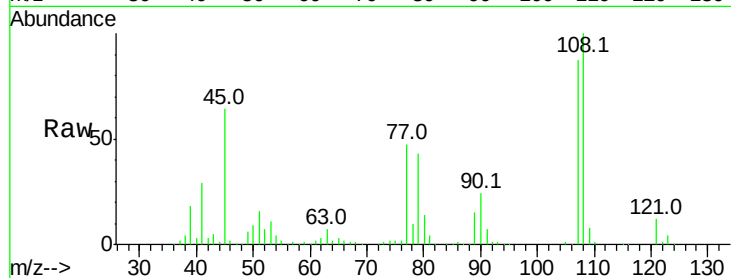
Ion Ratio Lower Upper

107 100

108 114.9 91.7 137.5

77 53.6 33.8 50.8#

79 49.4 33.8 50.8

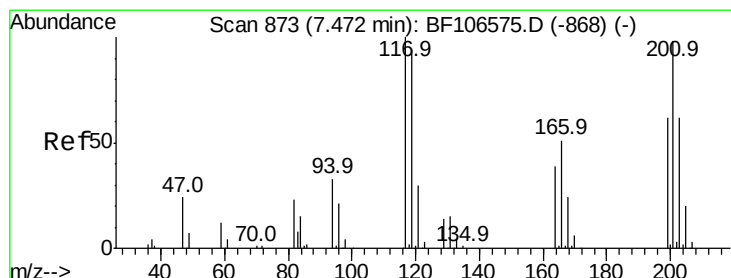
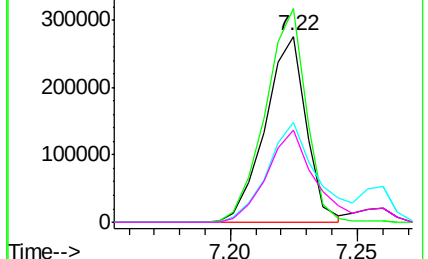
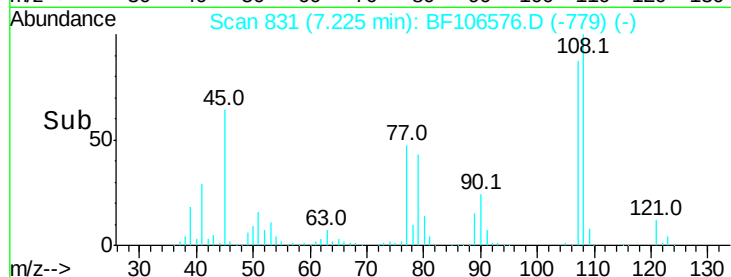


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.355 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

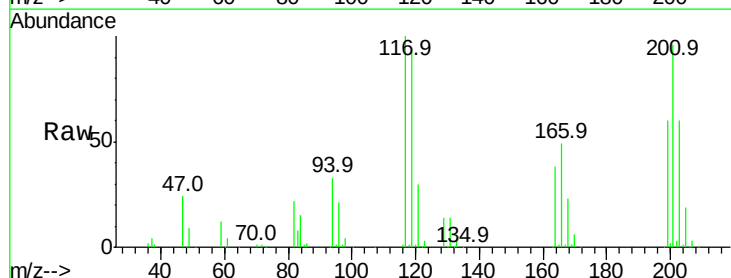
Tgt Ion:117 Resp: 151360

Ion Ratio Lower Upper

117 100

119 92.7 75.8 113.8

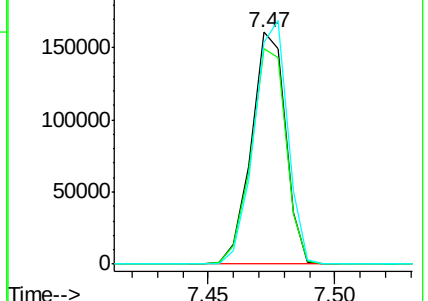
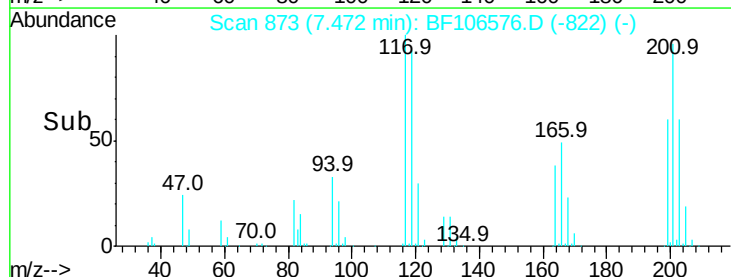
201 95.9 75.7 113.5

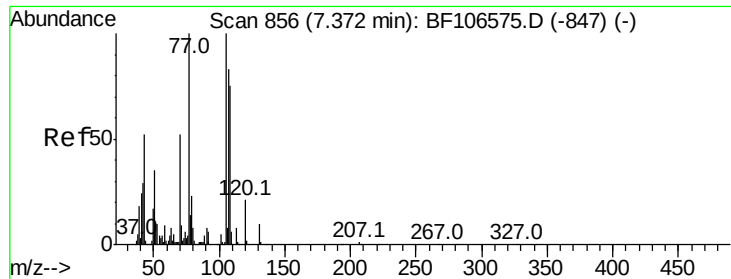


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

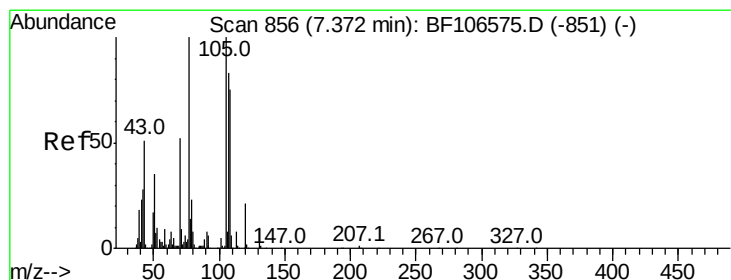
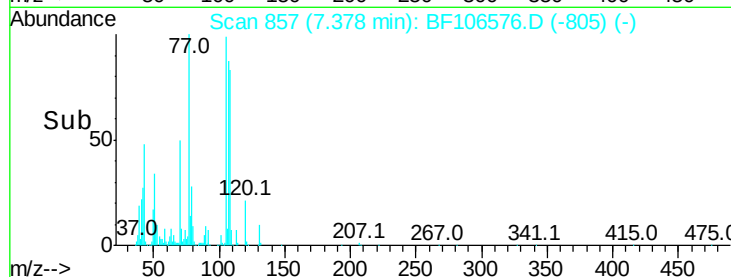
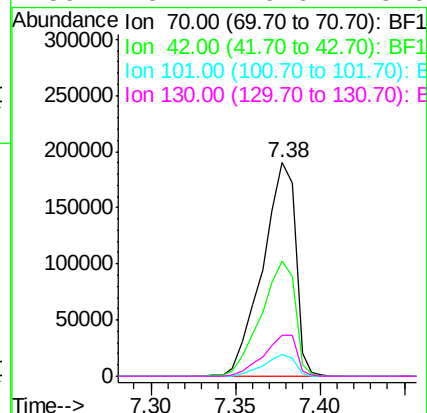
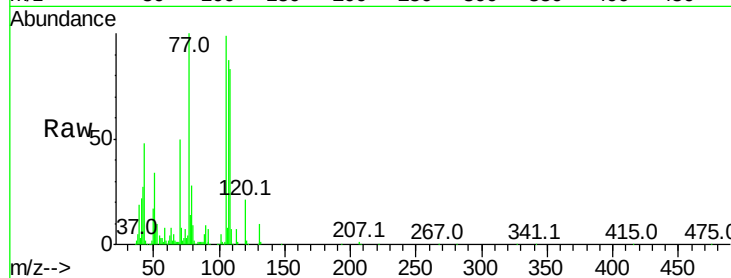




#19
n-Nitroso-di-n-propylamine
Concen: 40.650 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

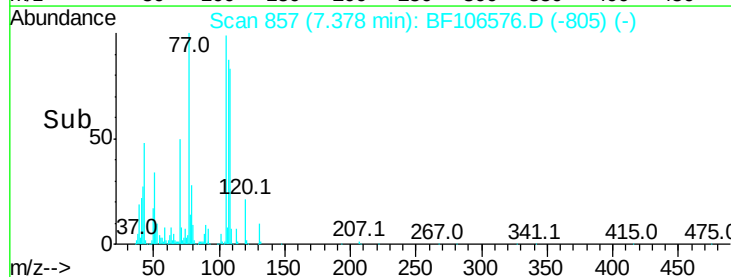
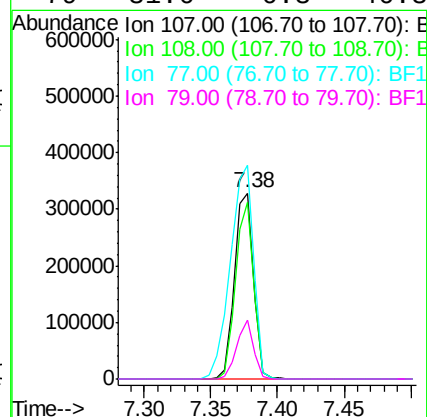
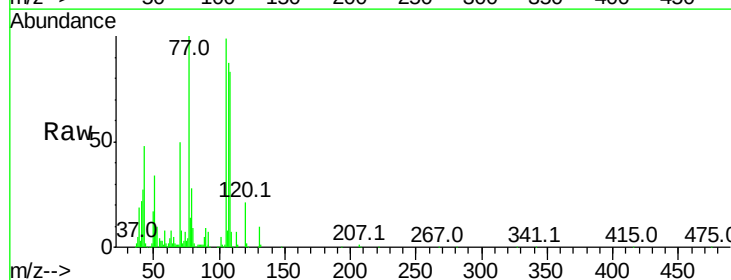
Instrument :
BNA_F
ClientSampled :

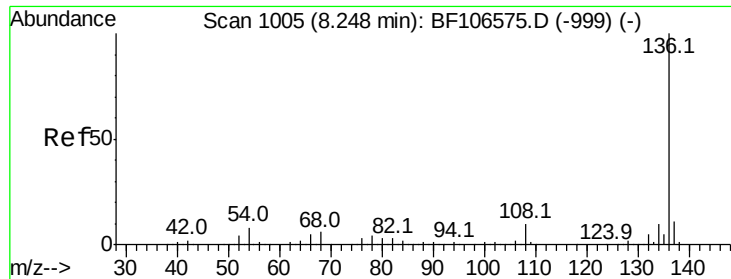
Tot Ion: 70 Resp: 258201
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 10.0 7.4 11.2
130 19.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.263 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion: 107 Resp: 331054
Ion Ratio Lower Upper
107 100
108 95.0 68.2 108.2
77 114.7 26.7 66.7#
79 31.6 6.3 46.3

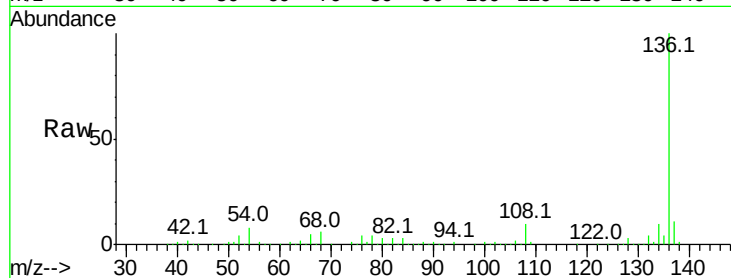




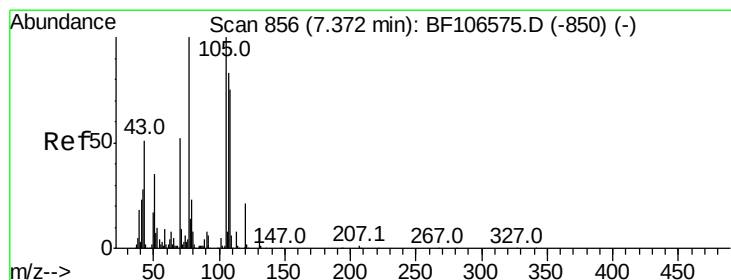
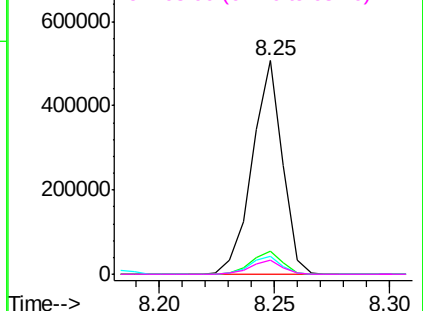
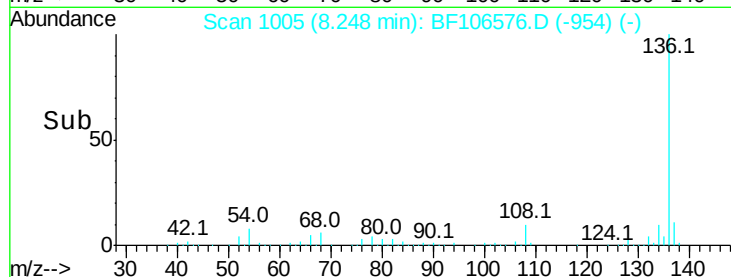
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	461363
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 8.3	6.6	9.8
68 6.4	5.0	7.4

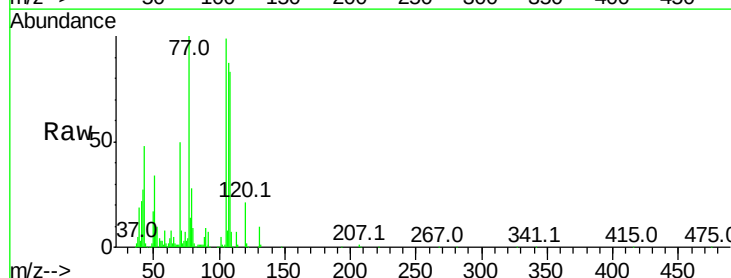


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

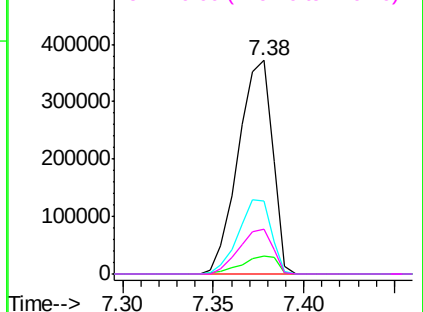
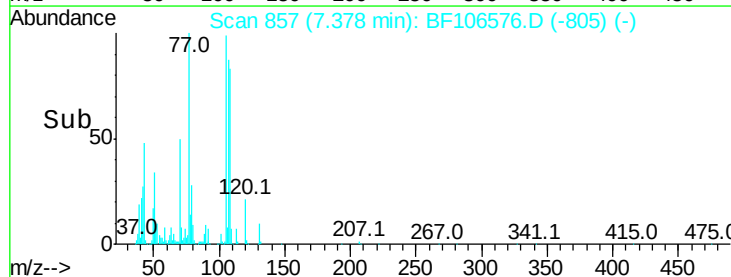


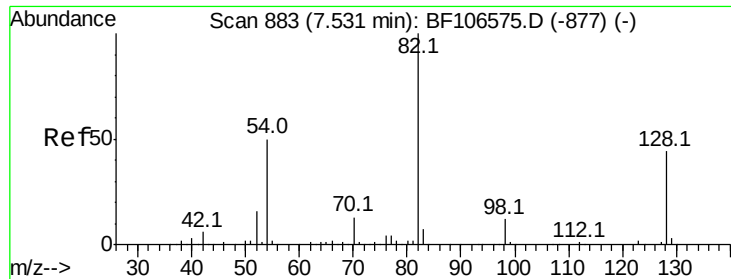
#22
Acetophenone
Concen: 42.112 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt	Ion:105	Resp:	489629
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	34.1	22.3	33.5#
120	21.0	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

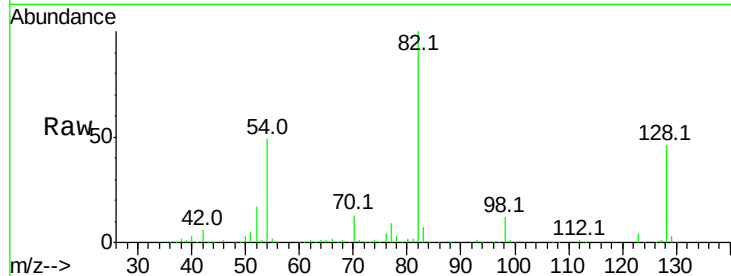




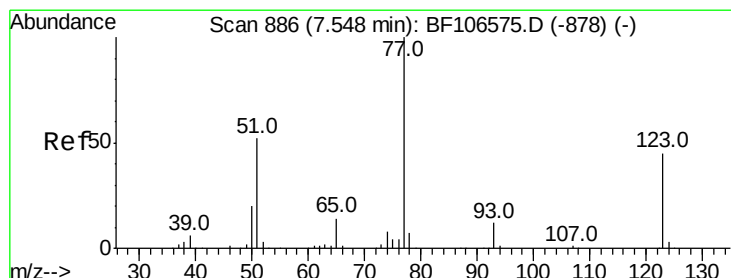
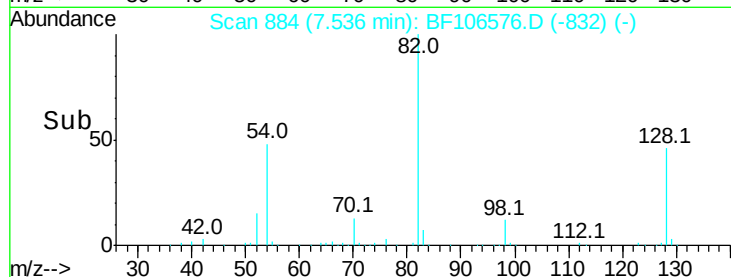
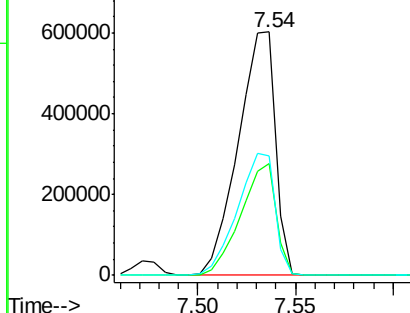
#23
Nitrobenzene-d5
Concen: 101.888 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	799057
Ion Ratio	100	Lower	Upper
128	46.1	36.1	54.1
54	49.3	41.4	62.2

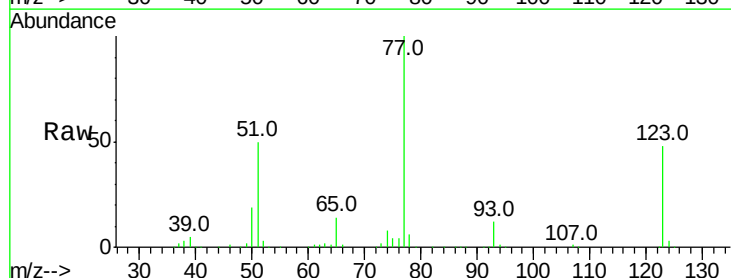


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

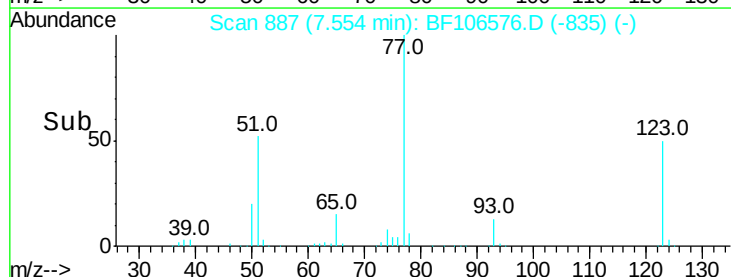
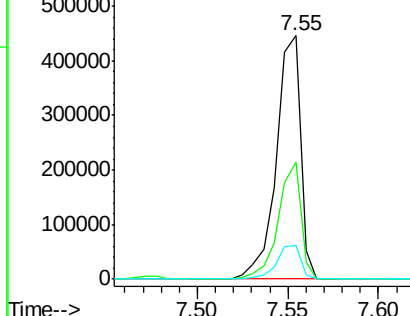


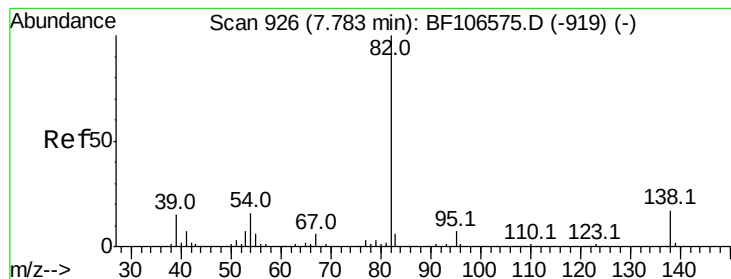
#24
Nitrobenzene
Concen: 48.548 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion	77	Resp	413824
Ion Ratio	100	Lower	Upper
123	48.0	37.9	56.9
65	13.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.652 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

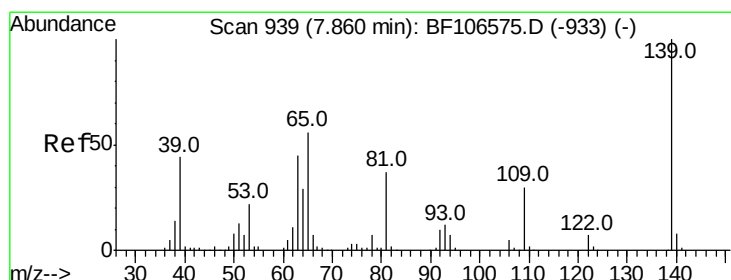
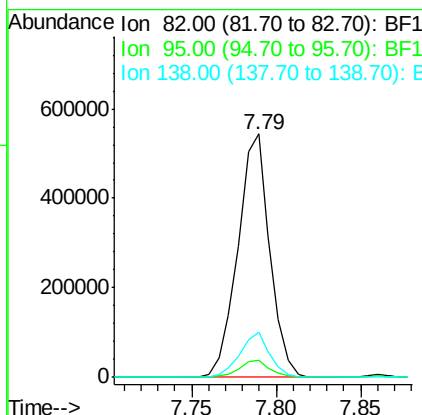
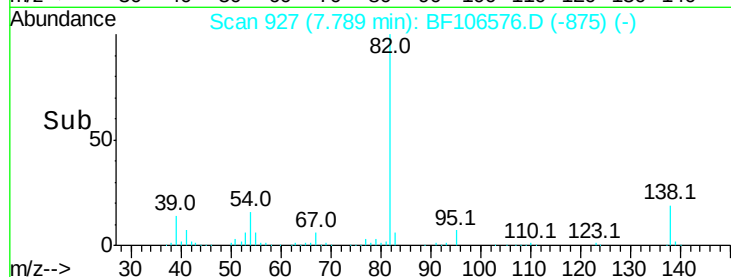
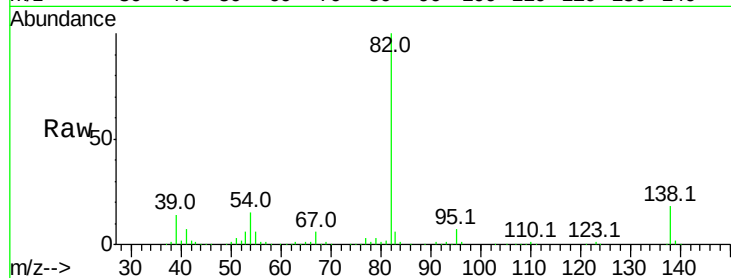
Tot Ion: 82 Resp: 714622

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 60.518 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

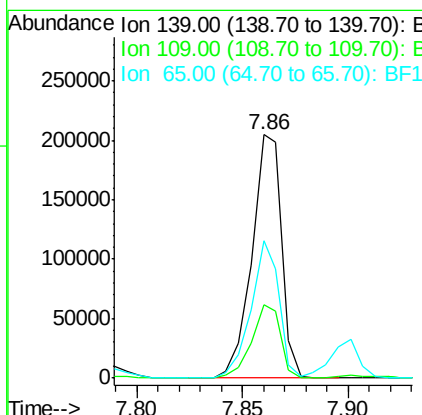
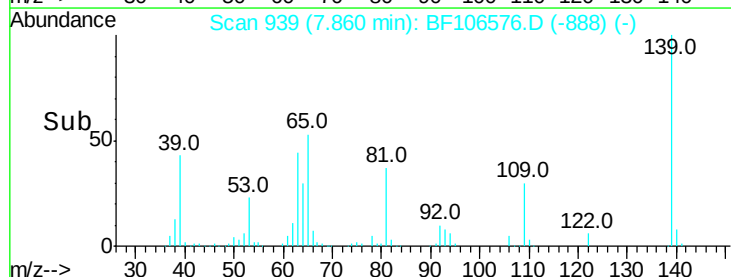
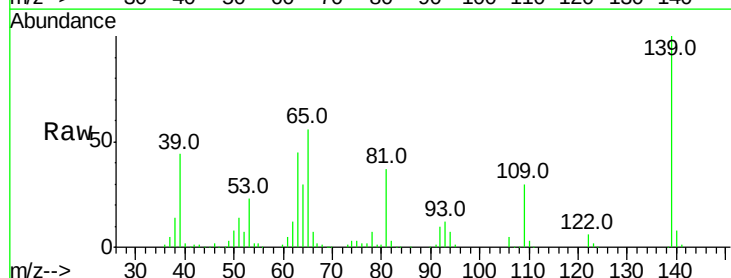
Tgt Ion: 139 Resp: 200229

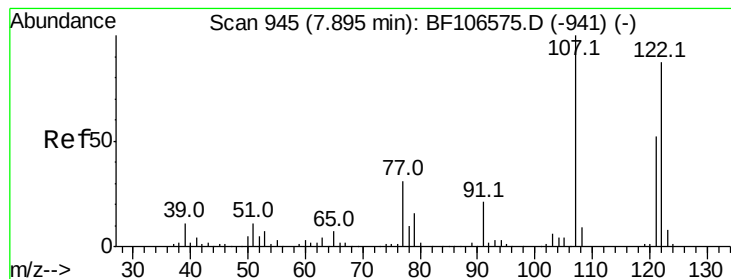
Ion Ratio Lower Upper

139 100

109 30.3 22.7 34.1

65 56.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.936 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampled :

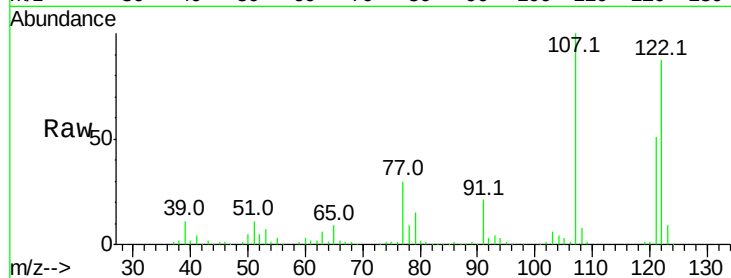
Tot Ion:122 Resp: 297890

Ion Ratio Lower Upper

122 100

107 115.1 91.2 136.8

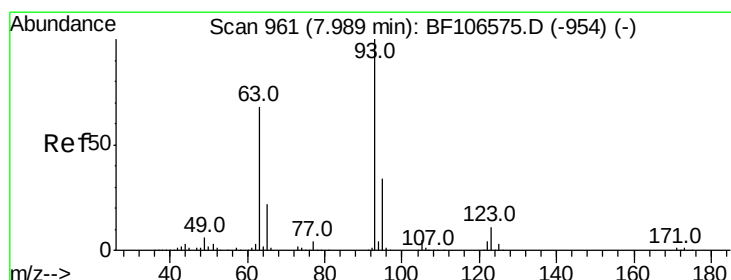
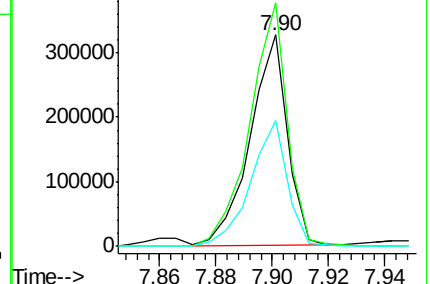
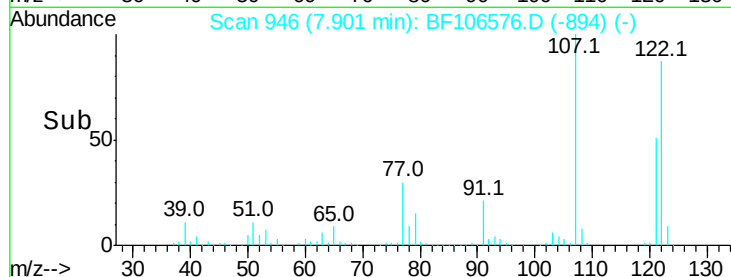
121 59.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.659 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

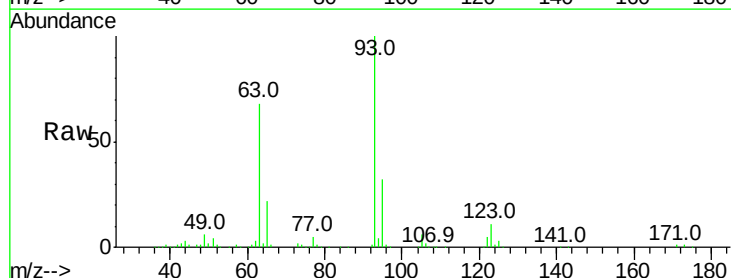
Tgt Ion: 93 Resp: 473373

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

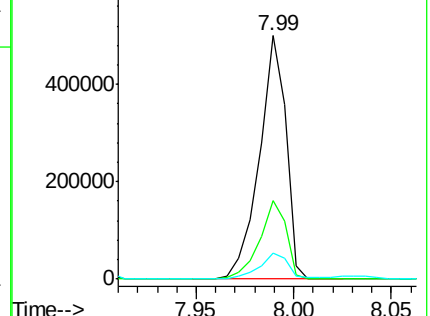
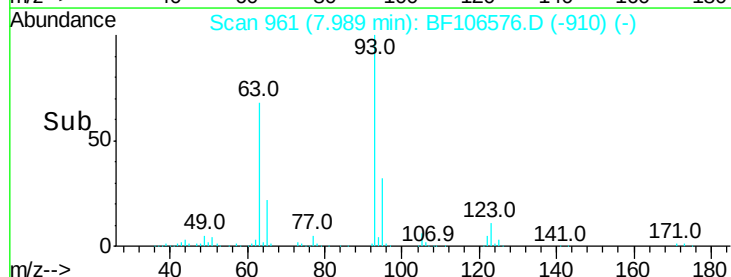
123 10.9 9.8 14.6

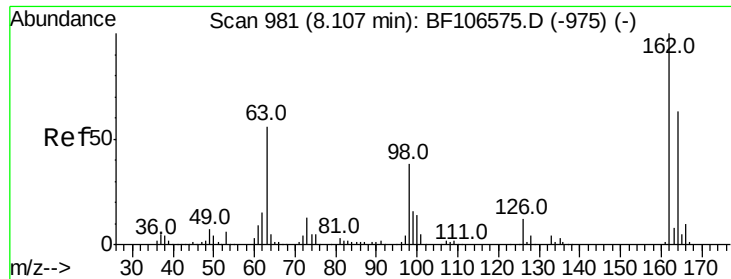


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

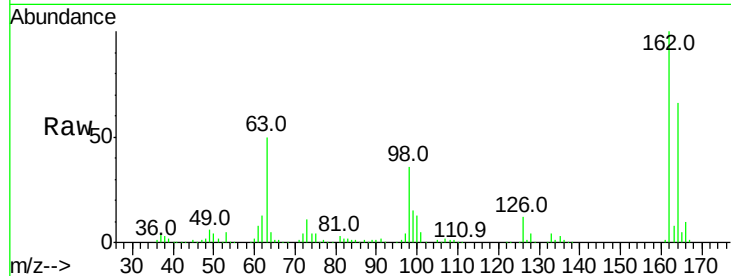




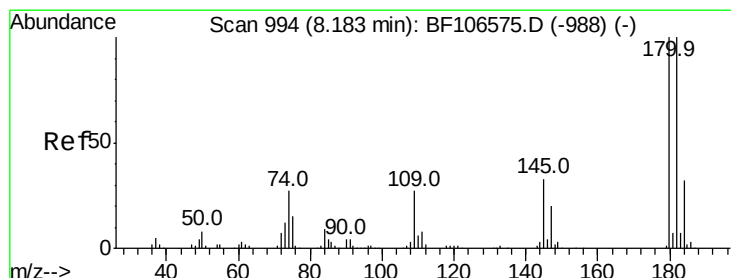
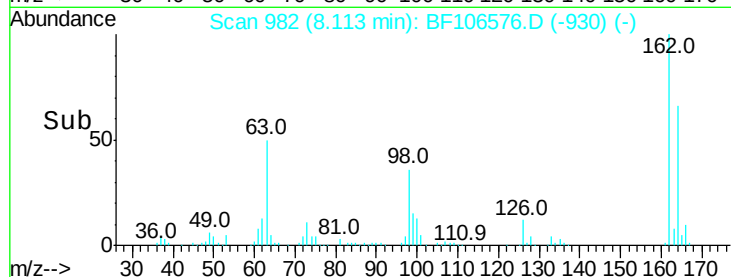
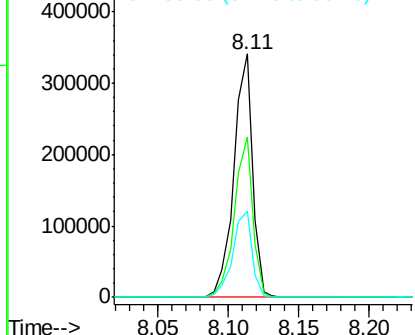
#29
 2,4-Dichlorophenol
 Concen: 50.471 ng
 RT: 8.11 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 315758
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.7 82.7
 98 35.6 18.1 58.1

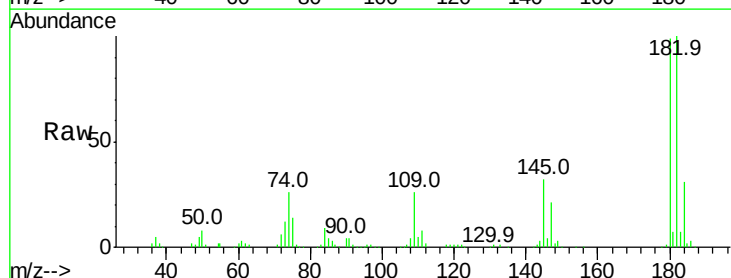


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

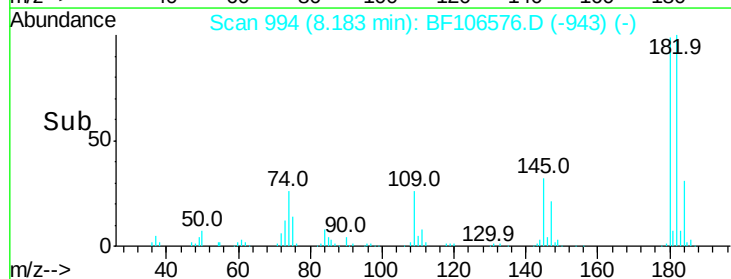
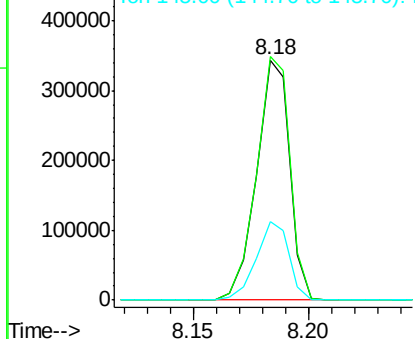


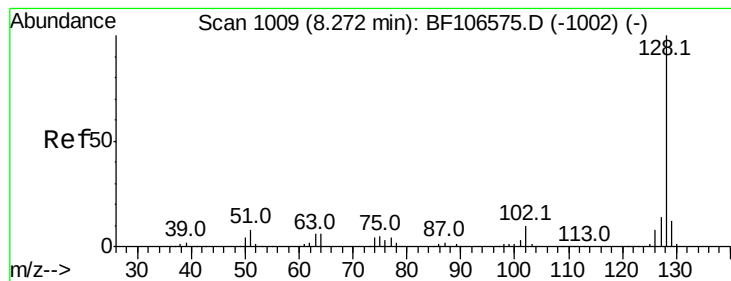
#30
 1,2,4-Trichlorobenzene
 Concen: 49.005 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:180 Resp: 343762
 Ion Ratio Lower Upper
 180 100
 182 101.3 76.8 115.2
 145 32.9 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: 48.287 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampled :

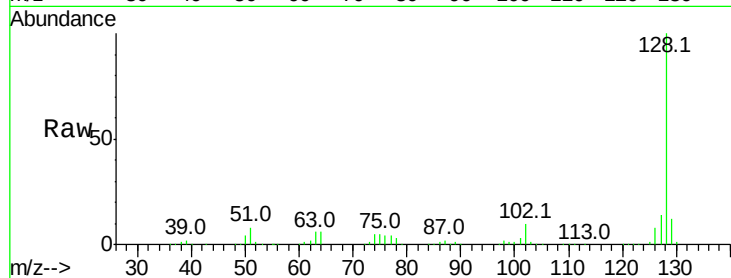
Tot Ion:128 Resp: 1007079

Ion Ratio Lower Upper

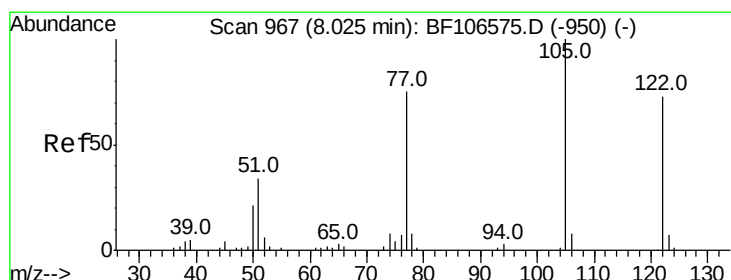
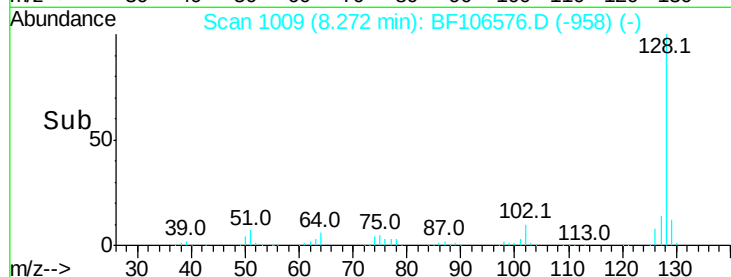
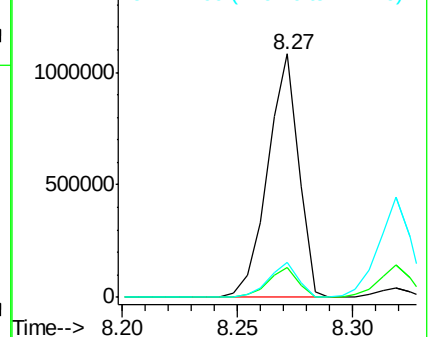
128 100

129 12.0 8.8 13.2

127 14.3 10.9 16.3



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



#32

Benzoic acid

Concen: 42.893 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

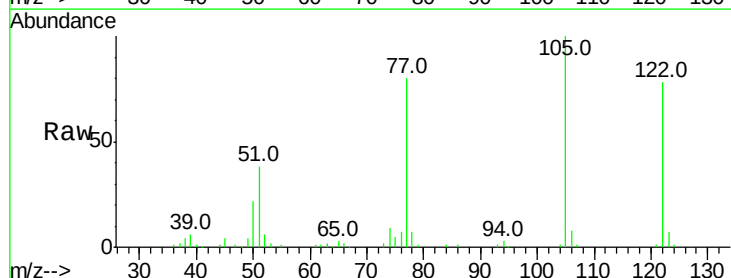
Tgt Ion:122 Resp: 184641

Ion Ratio Lower Upper

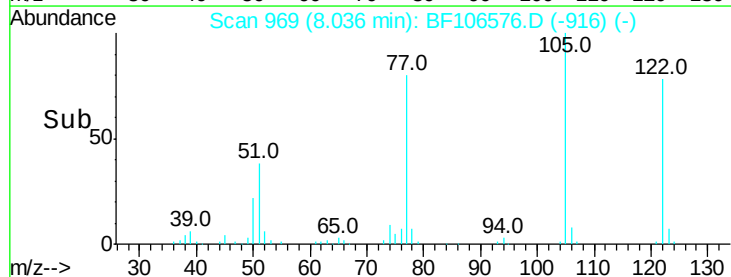
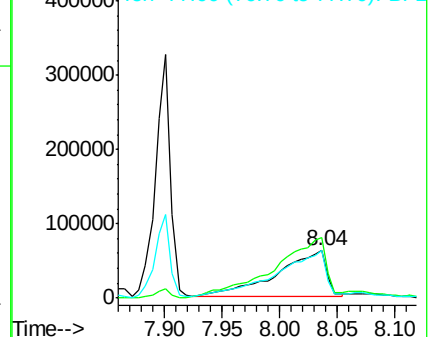
122 100

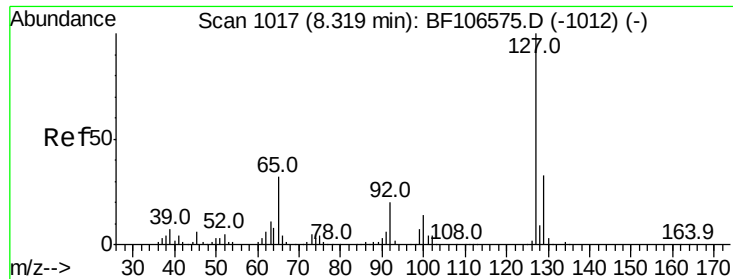
105 128.6 101.1 141.1

77 102.4 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

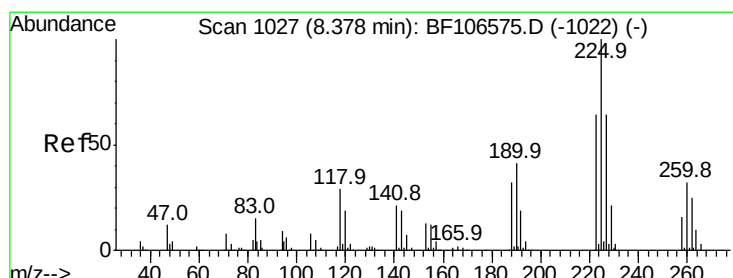
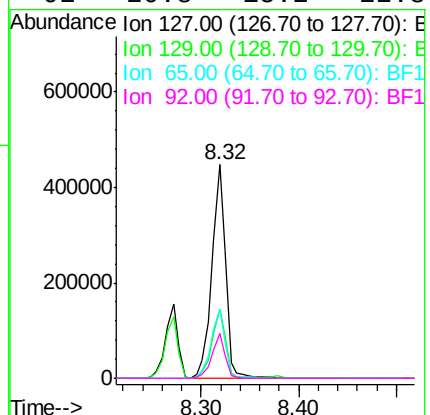
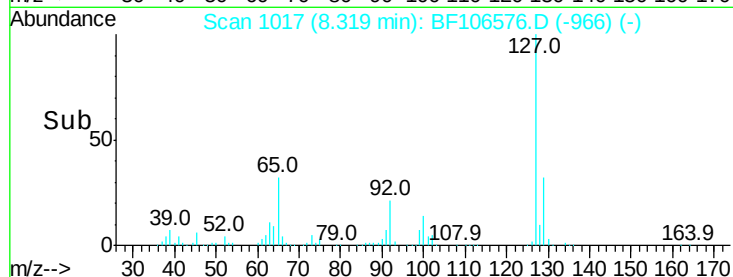
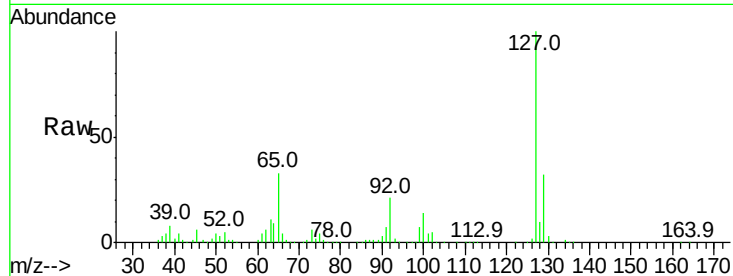




#33
4-Chloroaniline
Concen: 47.572 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

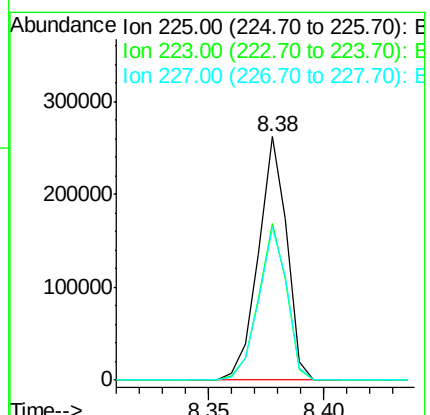
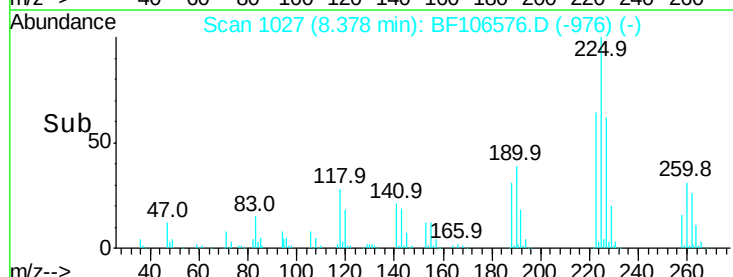
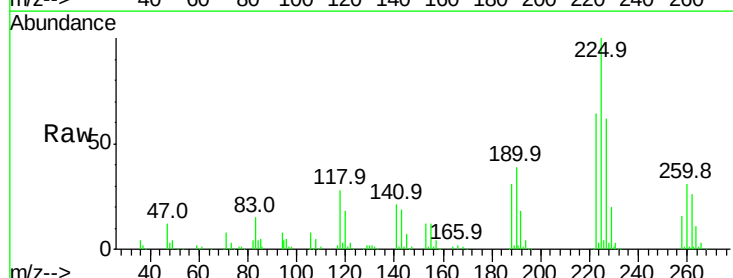
Instrument :
BNA_F
ClientSampleId :

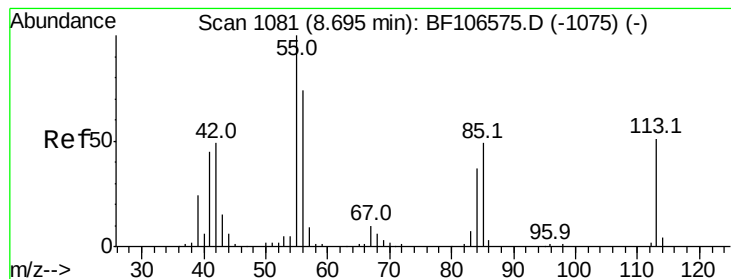
Tot Ion:	127	Resp:	439691
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.6	25.0	37.4
92	20.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 50.091 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:	225	Resp:	225743
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	62.5	51.9	77.9





#35

Caprolactam

Concen: 49.114 ng

RT: 8.71 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

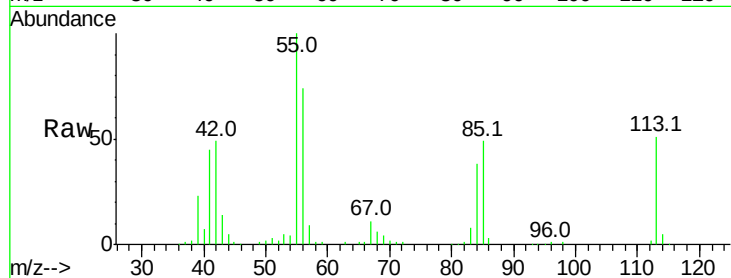
Tot Ion:113 Resp: 103933

Ion Ratio Lower Upper

113 100

55 194.5 163.3 203.3

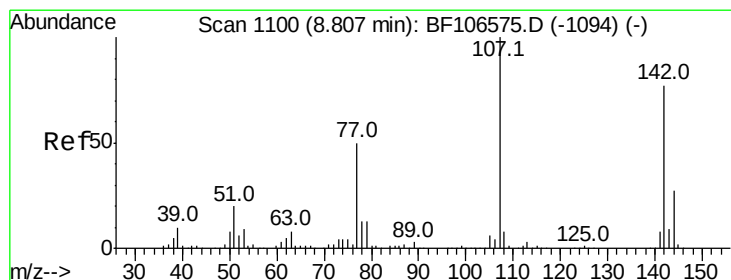
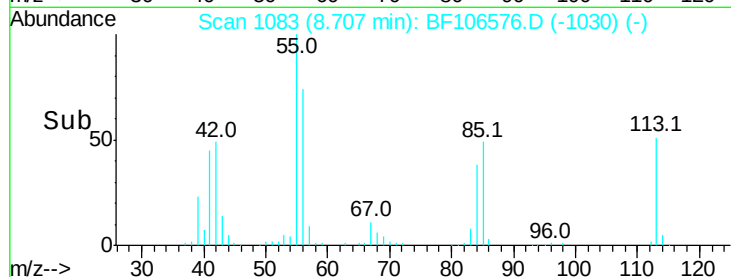
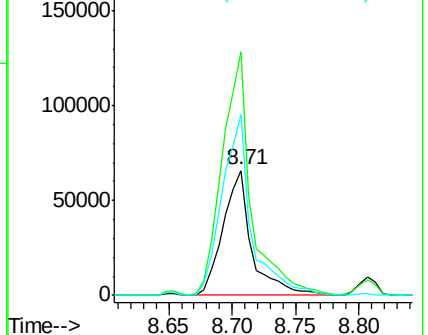
56 144.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.078 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

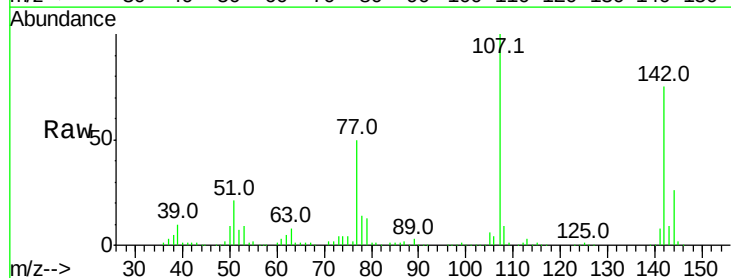
Tgt Ion:107 Resp: 332717

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

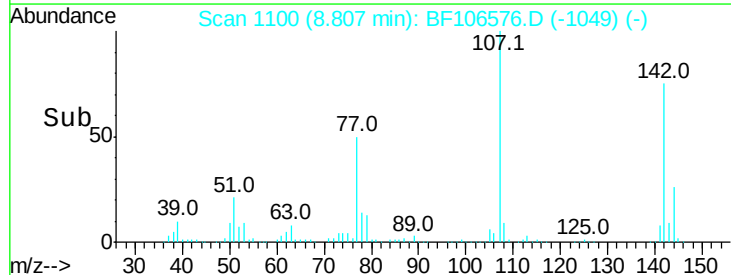
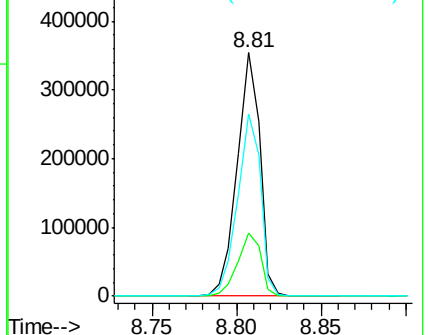
142 74.7 62.0 93.0

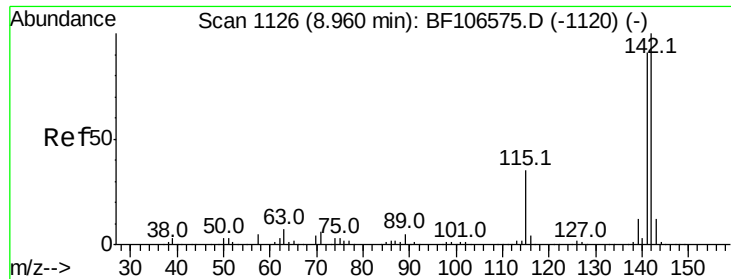


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

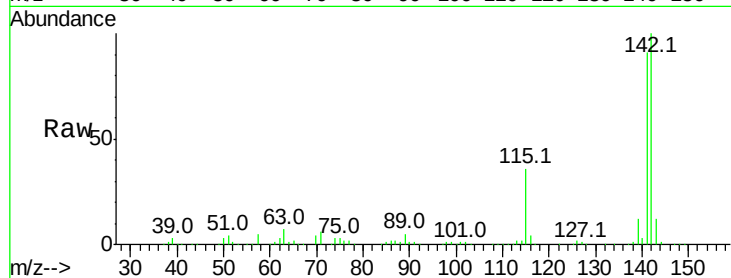




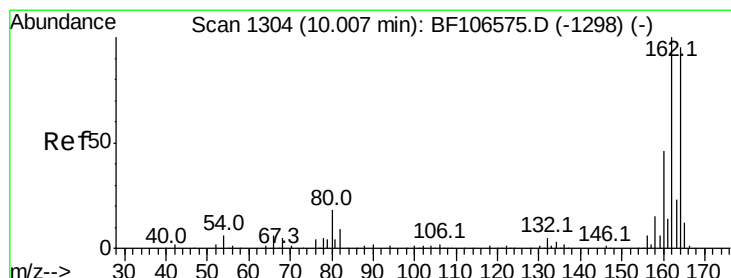
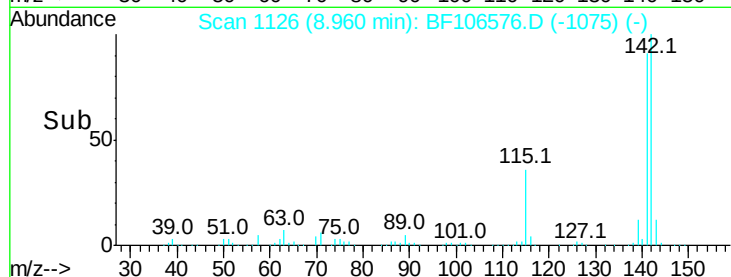
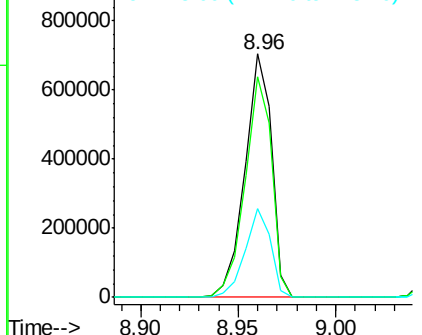
#37
2-Methylnaphthalene
Concen: 47.091 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.8	106.2
115	36.3	26.1	39.1

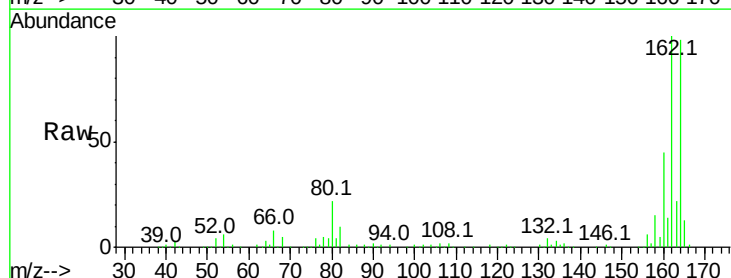


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

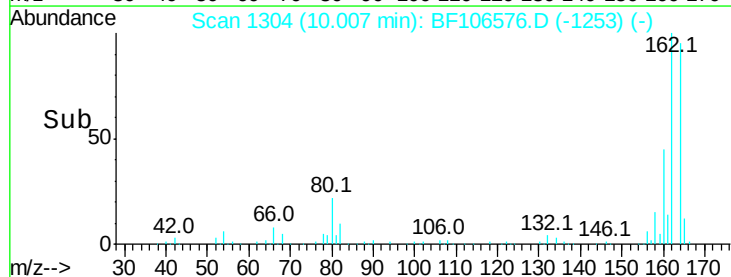
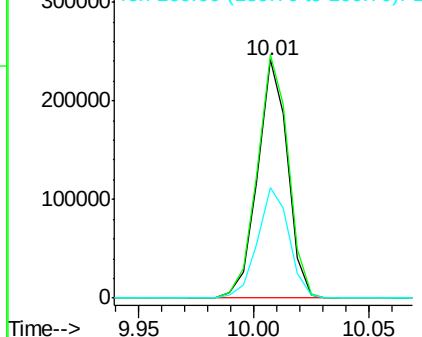


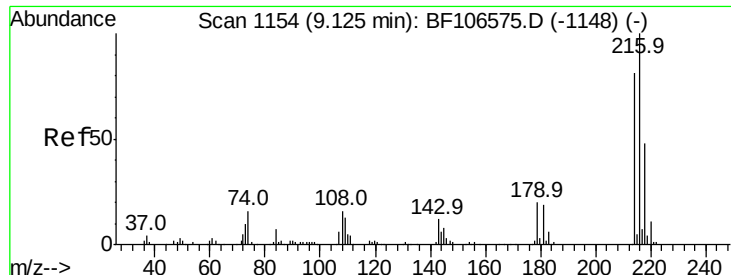
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.4	38.3	57.5



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

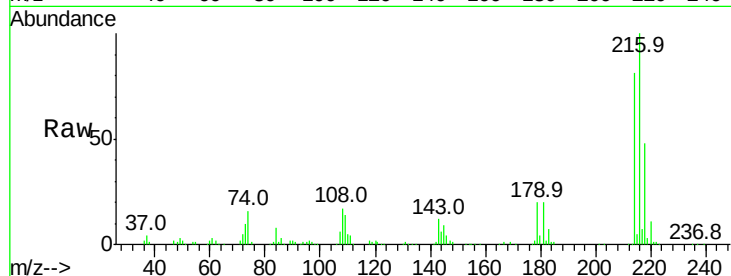




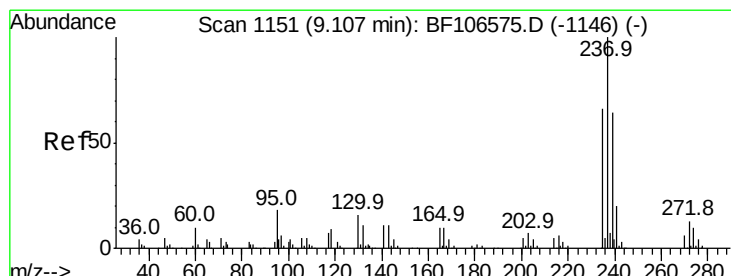
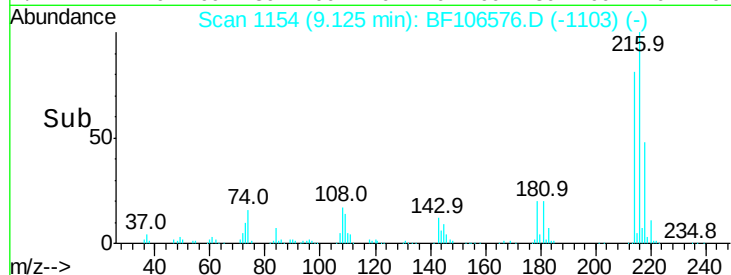
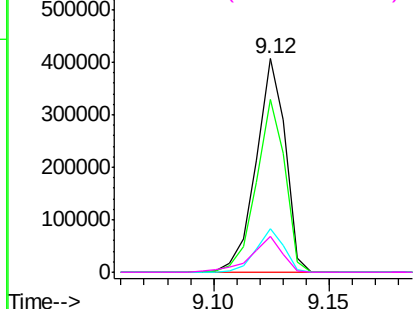
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.689 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	359465
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.7	18.1	27.1
108	17.6	17.2	25.8

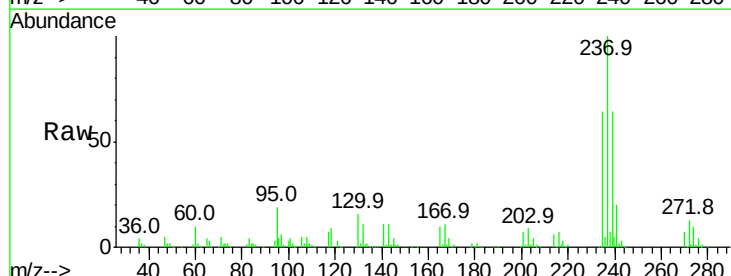


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

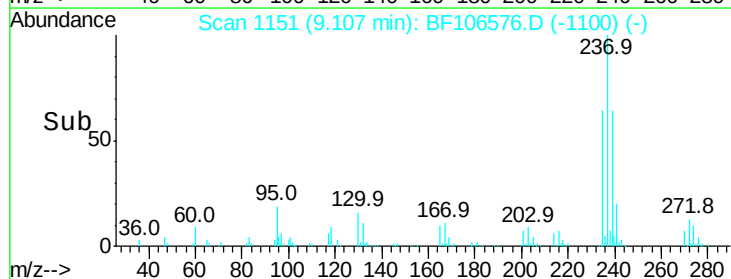
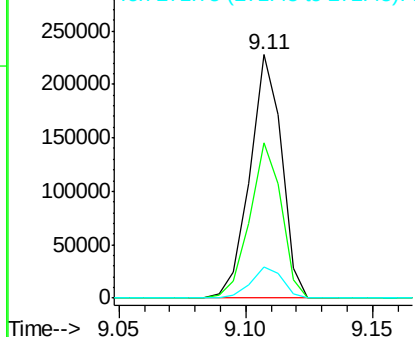


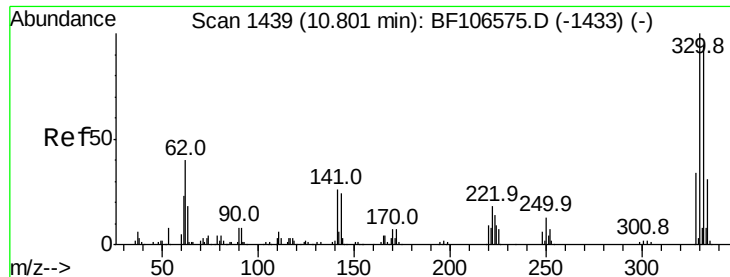
#40
 Hexachlorocyclopentadiene
 Concen: 50.769 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:	237	Resp:	198642
Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	12.9	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 121.223 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampled :

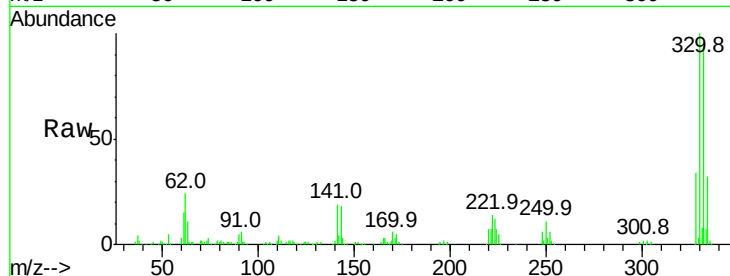
Tot Ion:330 Resp: 254799

Ion Ratio Lower Upper

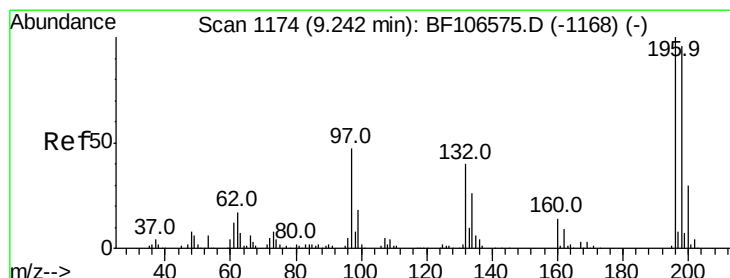
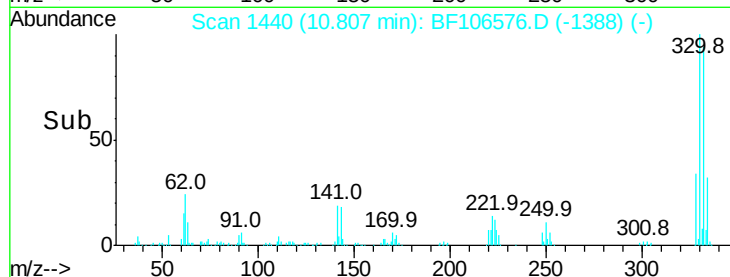
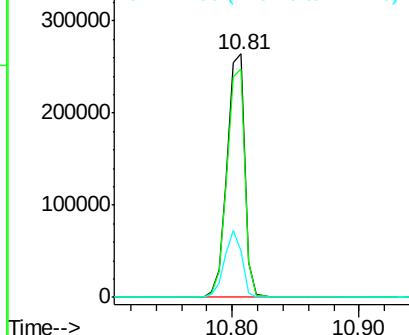
330 100

332 95.1 77.0 115.6

141 27.0 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: 53.005 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

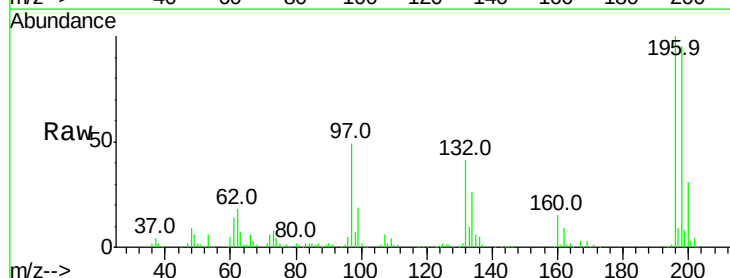
Tgt Ion:196 Resp: 239545

Ion Ratio Lower Upper

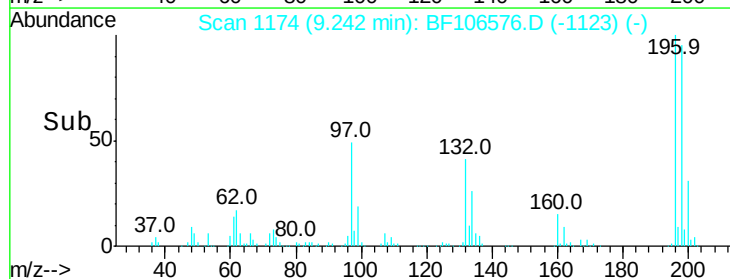
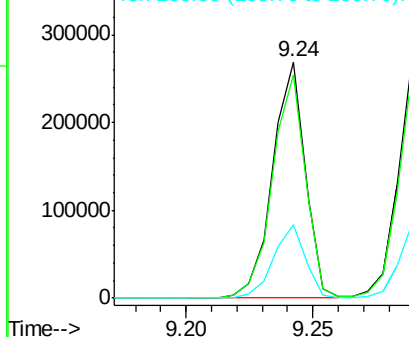
196 100

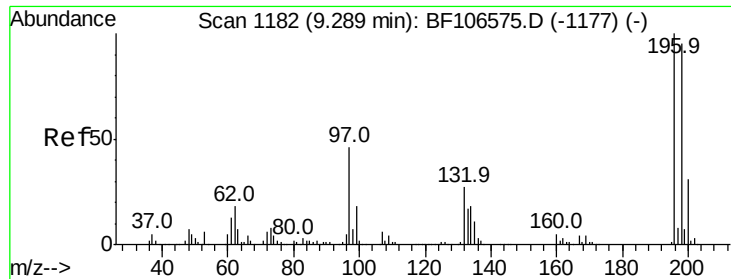
198 94.7 75.7 113.5

200 31.1 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

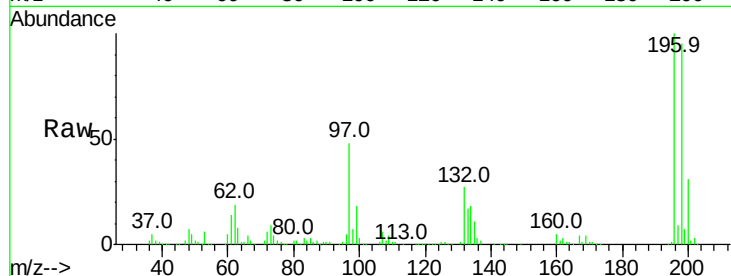




#43
 2,4,5-Trichlorophenol
 Concen: 52.383 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255207		
198	95.0		74.6	112.0
97	47.8		42.9	64.3
132	27.2		26.3	39.5



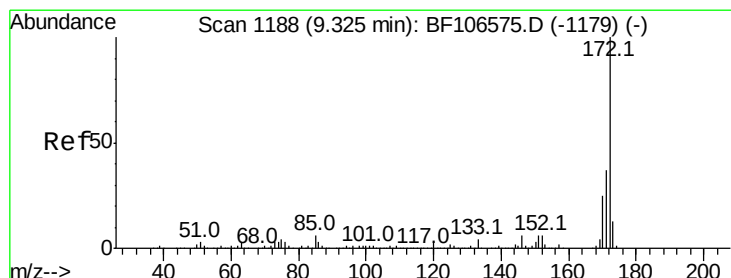
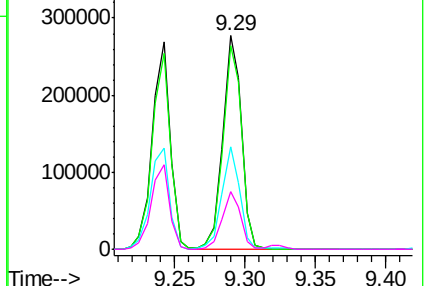
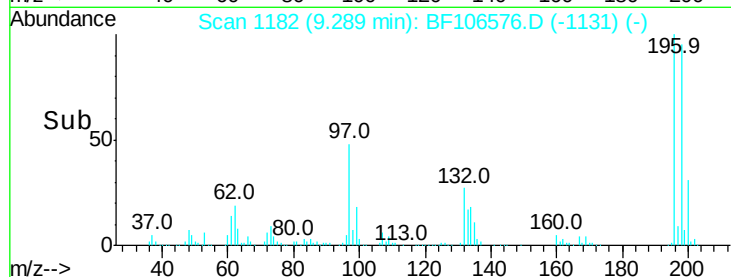
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

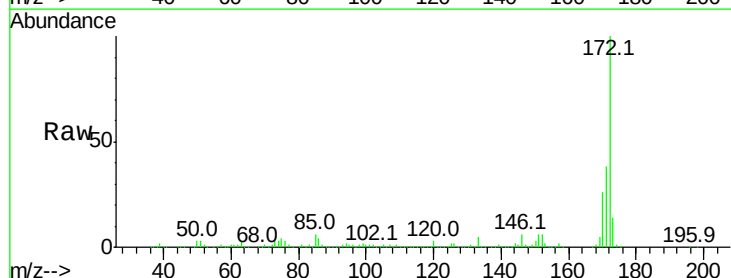
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.806 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1265870		
171	38.5		29.7	44.5
170	26.2		19.6	29.4

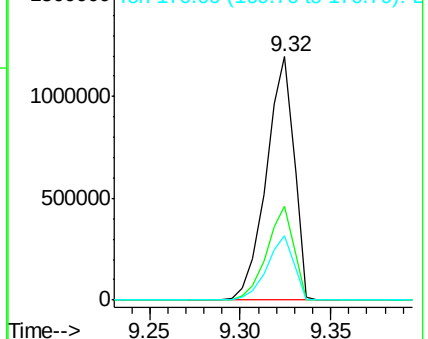
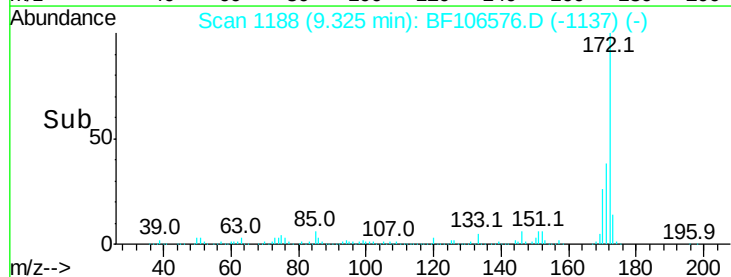


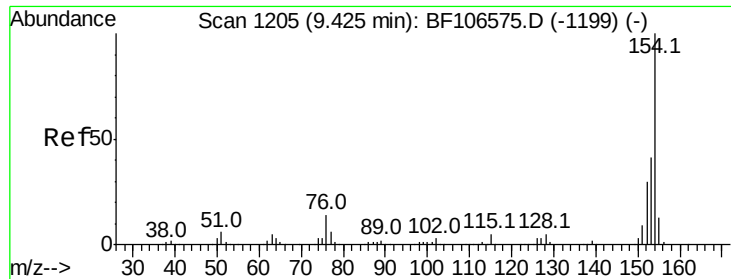
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

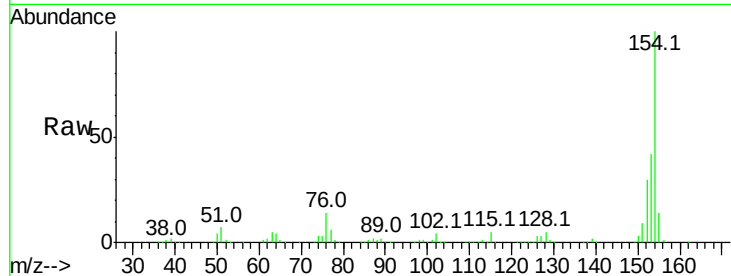




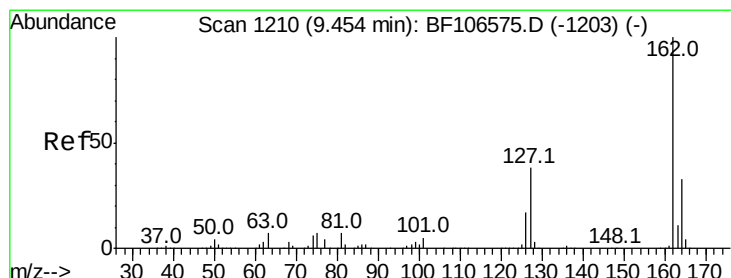
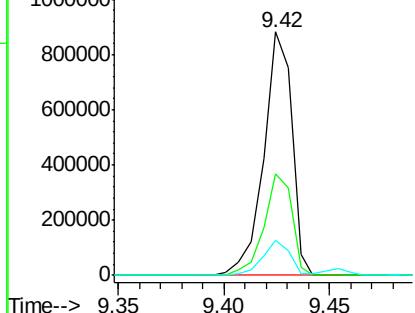
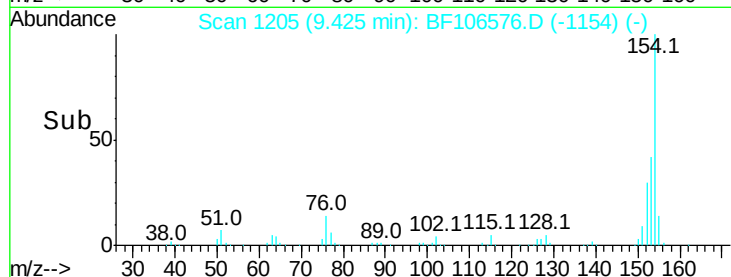
#45
 1,1'-Biphenyl
 Concen: 48.386 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 818712
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.3 61.3
 76 14.1 0.0 34.0

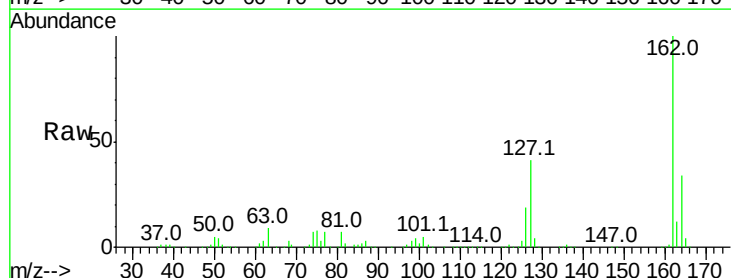


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

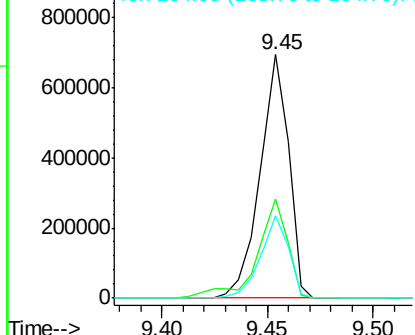
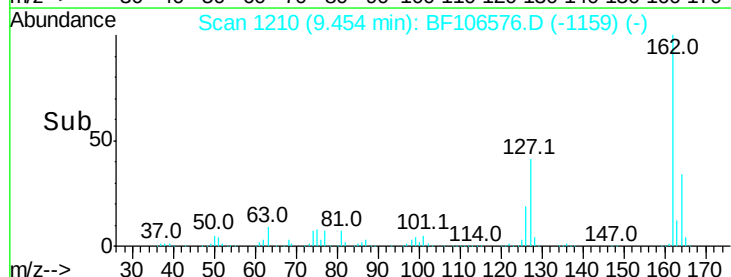


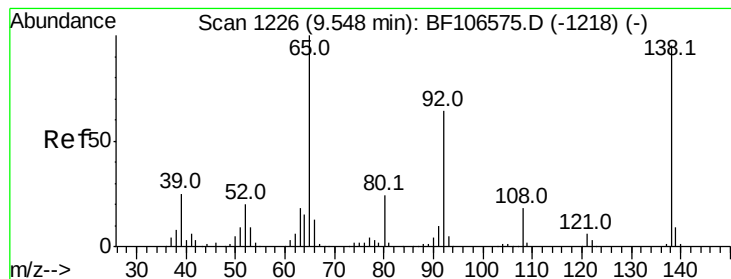
#46
 2-Chloronaphthalene
 Concen: 48.276 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:162 Resp: 653685
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.9 50.9
 164 33.8 26.5 39.7



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





#47

2-Nitroaniline

Concen: 53.570 ng

RT: 9.55 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

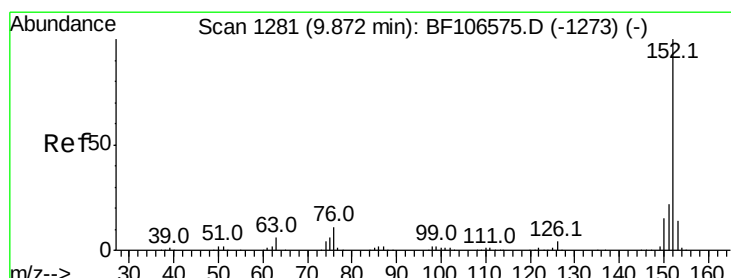
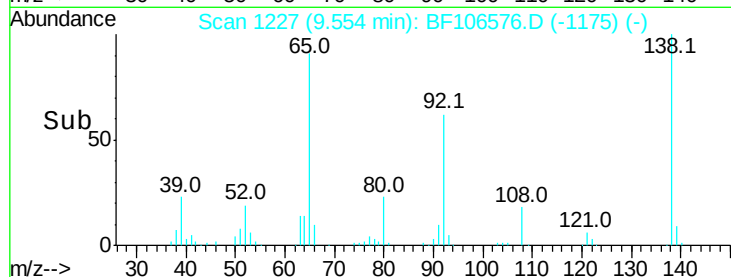
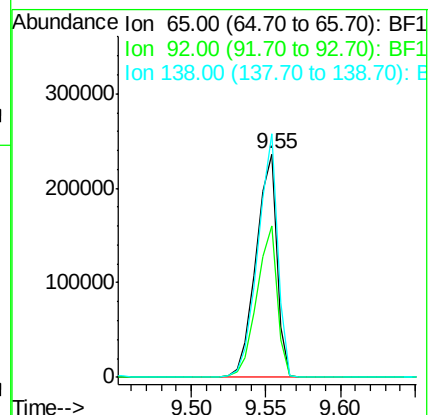
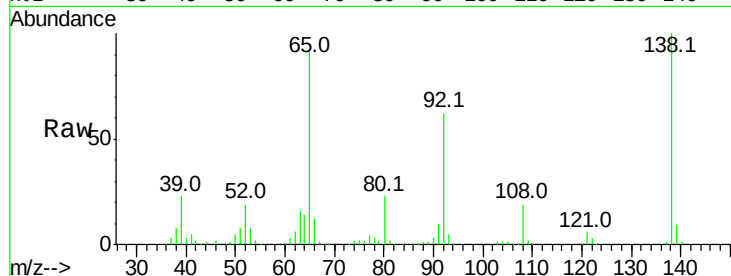
Tot Ion: 65 Resp: 228188

Ion Ratio Lower Upper

65 100

92 67.7 55.8 83.6

138 109.0 91.2 136.8



#48

Acenaphthylene

Concen: 49.735 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

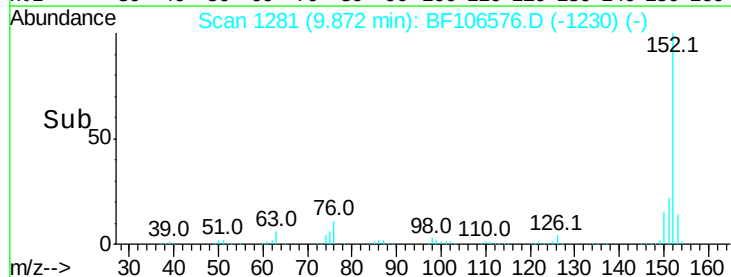
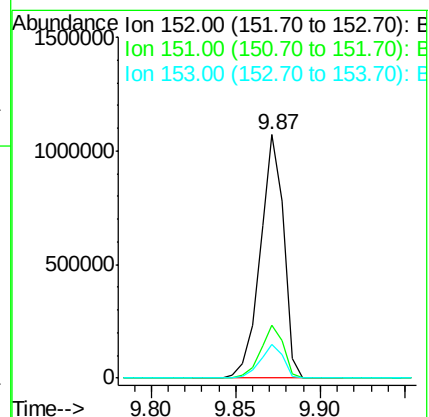
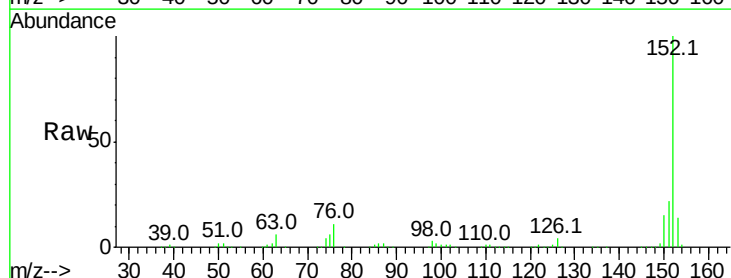
Tgt Ion:152 Resp: 1030793

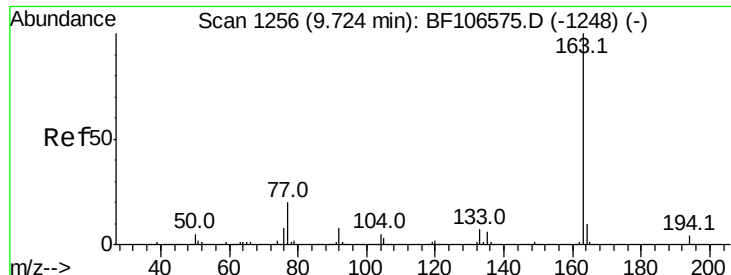
Ion Ratio Lower Upper

152 100

151 21.9 16.3 24.5

153 13.9 10.7 16.1

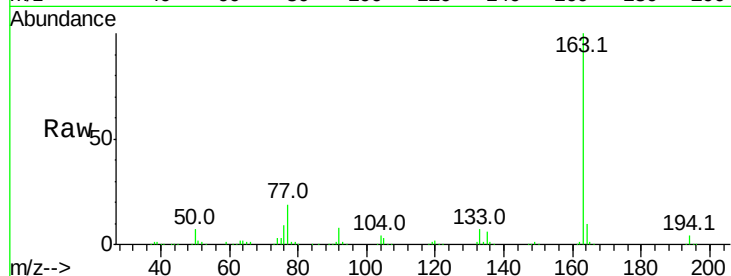




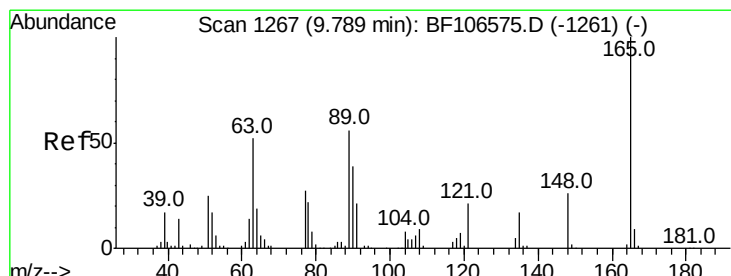
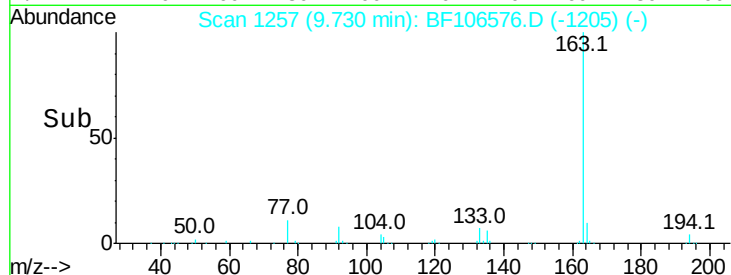
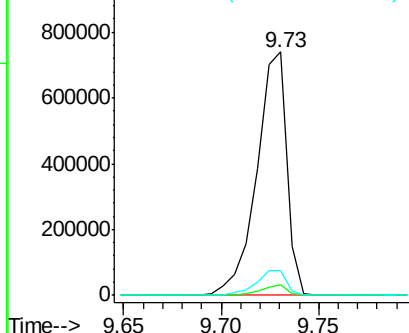
#49
 Dimethylphthalate
 Concen: 50.622 ng
 RT: 9.73 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163 Resp: 790072
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.4 8.2 12.2

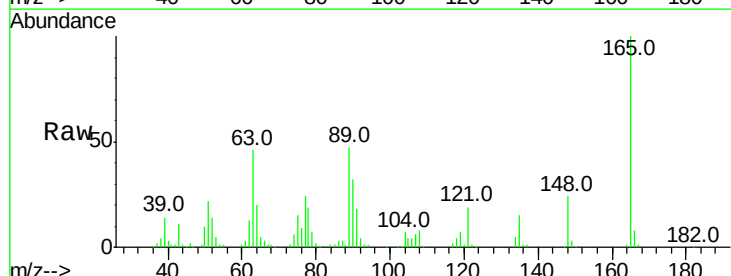


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

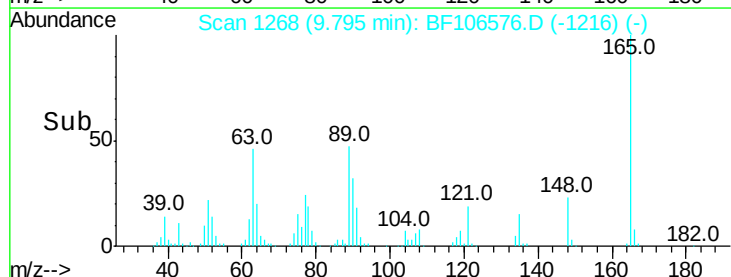
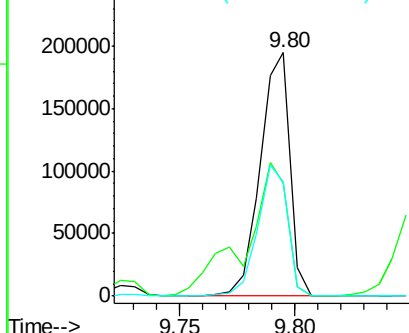


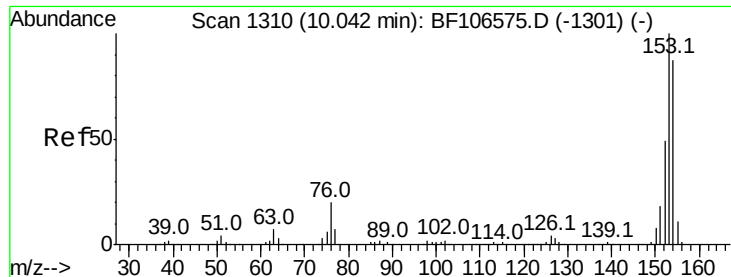
#50
 2,6-Dinitrotoluene
 Concen: 54.781 ng
 RT: 9.80 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:165 Resp: 174643
 Ion Ratio Lower Upper
 165 100
 63 46.4 44.7 67.1
 89 47.2 44.0 66.0



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





#51

Acenaphthene

Concen: 49.026 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

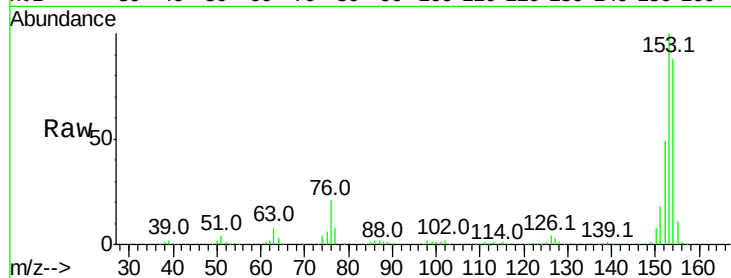
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 656210

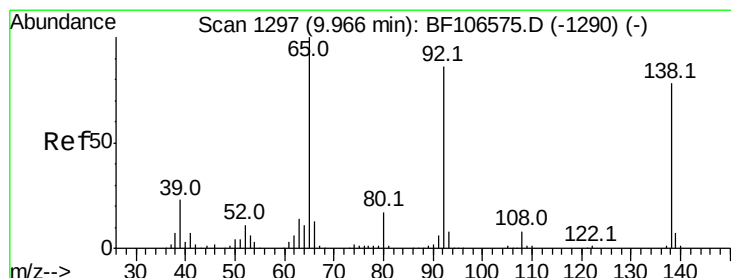
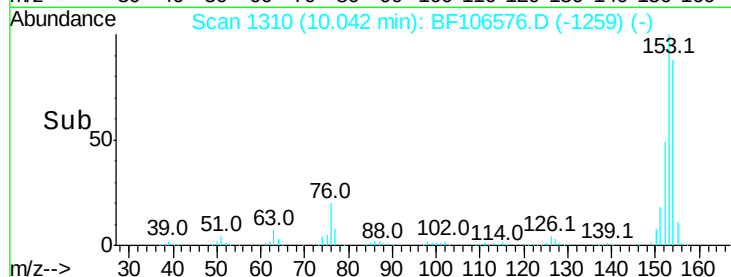
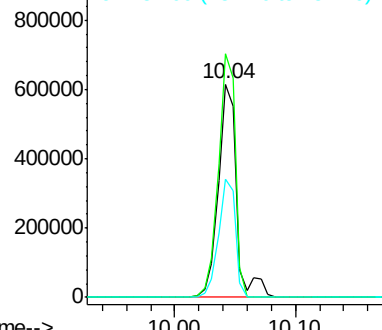
Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.2	136.8
152	55.6	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 54.213 ng

RT: 9.97 min Scan# 1297

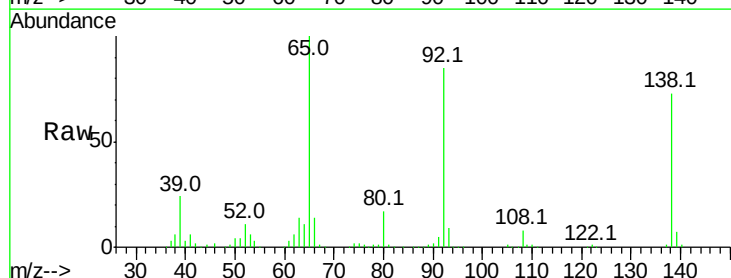
Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Tgt Ion:138 Resp: 205133

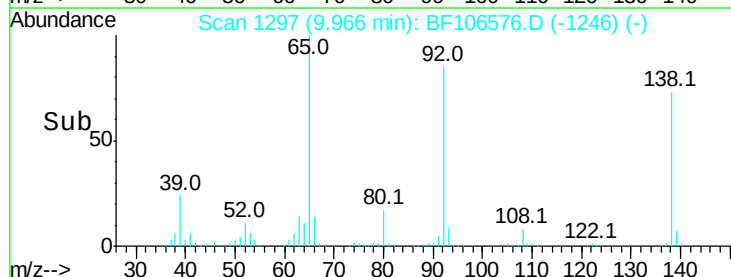
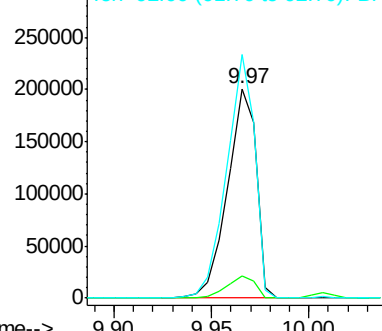
Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	116.3	89.4	134.2

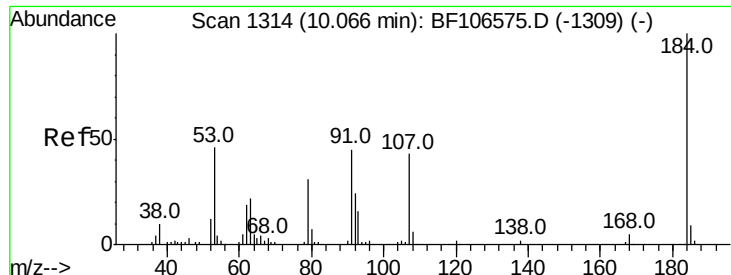


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

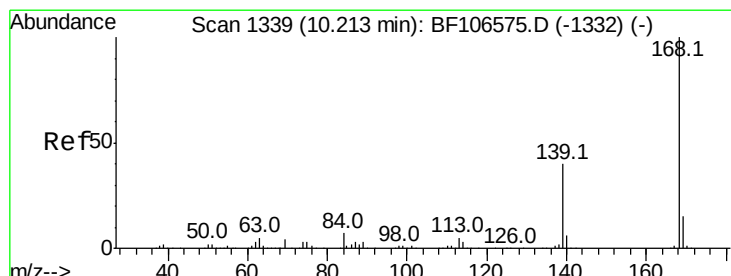
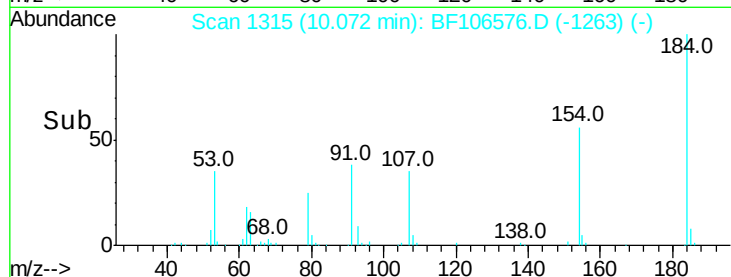
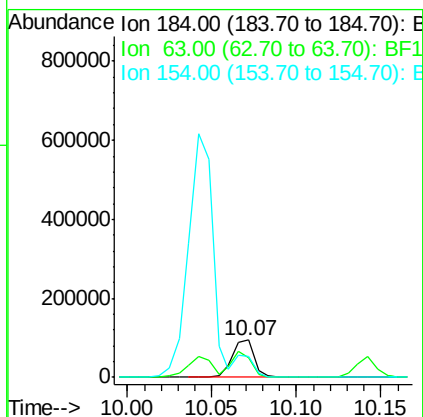
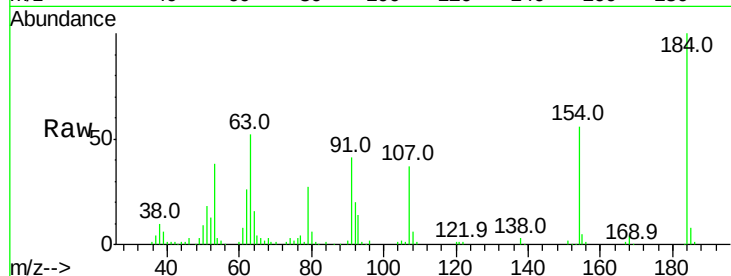




#53
 2,4-Dinitrophenol
 Concen: 74.353 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

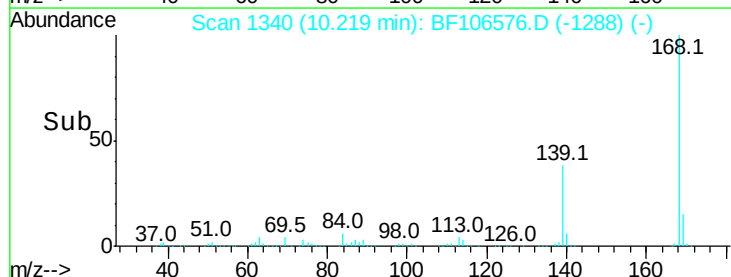
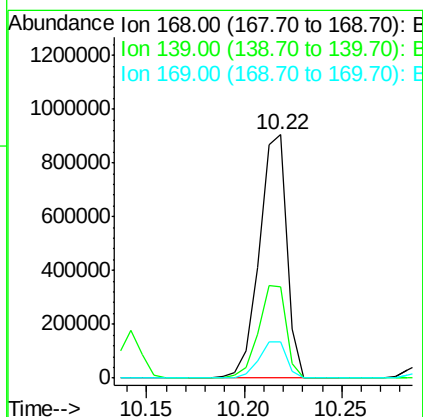
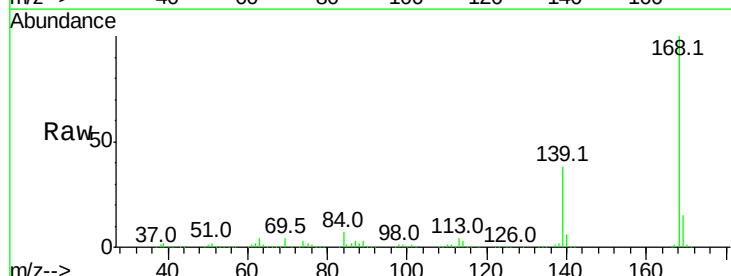
Instrument :
 BNA_F
 ClientSampleId :

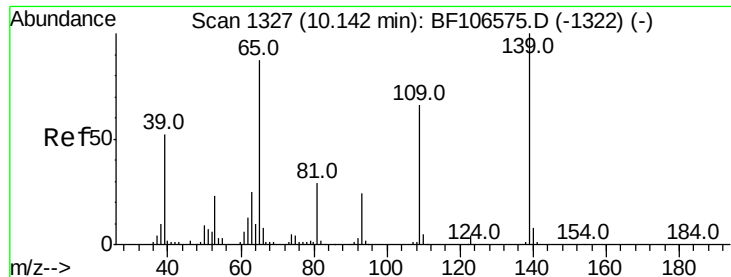
Tot Ion:184 Resp: 87625
 Ion Ratio Lower Upper
 184 100
 63 52.3 54.2 81.2#
 154 55.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 48.858 ng
 RT: 10.22 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:168 Resp: 880610
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.1 45.1
 169 14.8 10.9 16.3





#55

4-Nitrophenol

Concen: 49.808 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

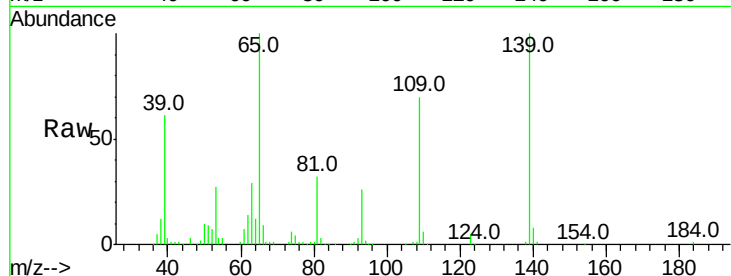
Instrument :

BNA_F

ClientSampled :

Tot Ion:139 Resp: 144457

Ion	Ratio	Lower	Upper
139	100		
109	70.0	48.4	88.4
65	99.9	72.6	112.6

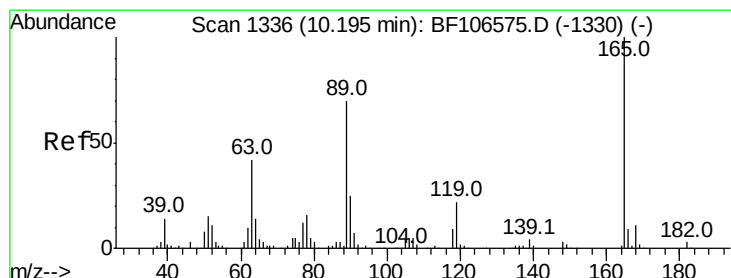
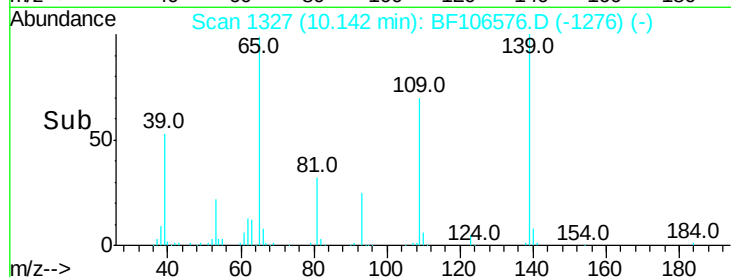
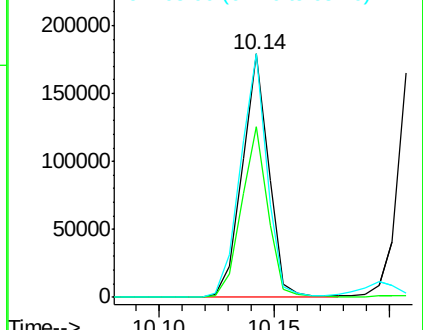


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 58.059 ng

RT: 10.20 min Scan# 1336

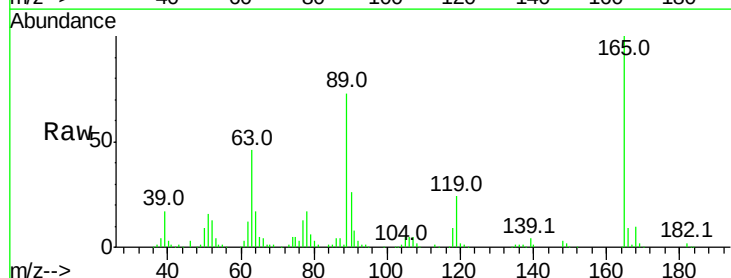
Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Tgt Ion:165 Resp: 232434

Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	72.5	57.8	86.6
182	2.4	1.6	2.4



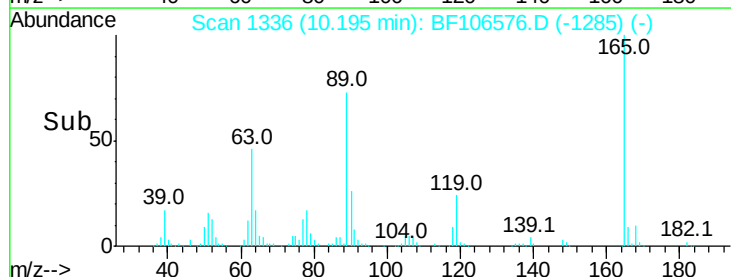
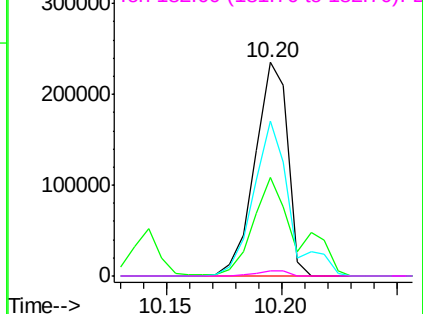
Abundance

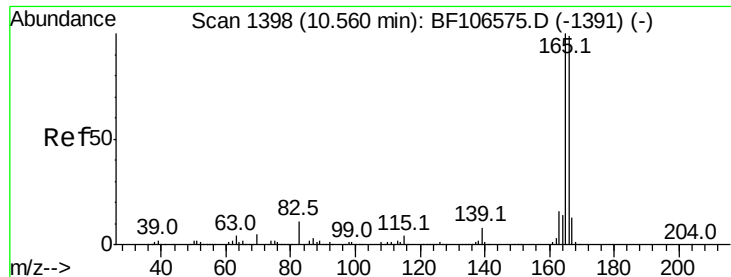
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.045 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampled :

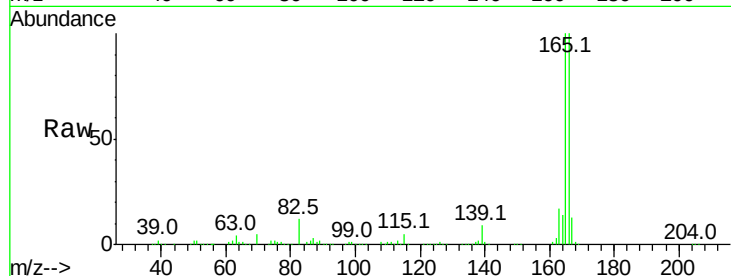
Tot Ion:166 Resp: 686097

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0

166 100

165 99.6 79.8 119.8

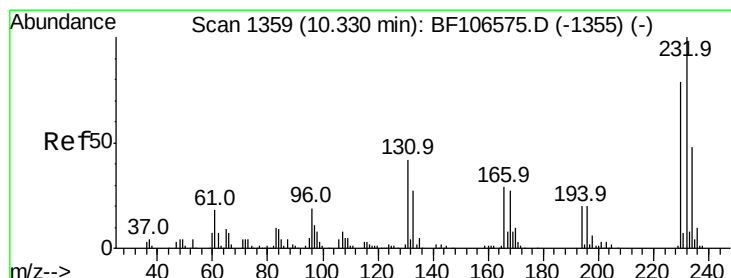
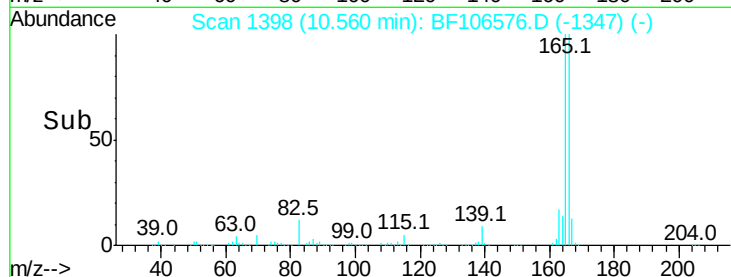
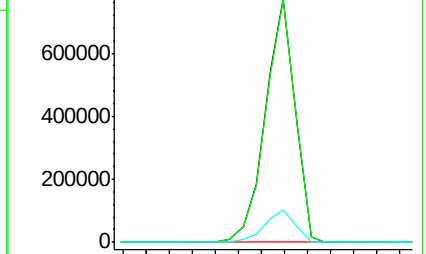
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.130 ng

RT: 10.34 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Tgt Ion:232 Resp: 205161

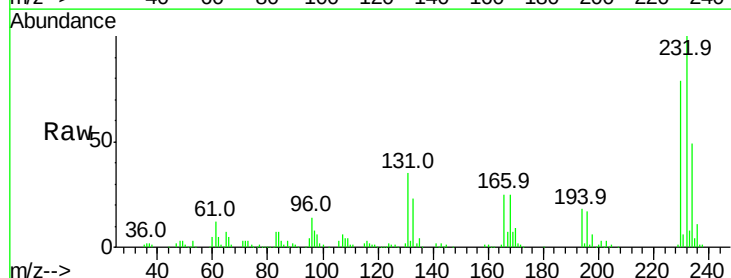
Ion	Ratio	Lower	Upper
232	100		
131	40.3	43.8	65.8#
130	1.9	2.1	3.1#
166	27.9	27.8	41.6

232 100

131 40.3 43.8 65.8#

130 1.9 2.1 3.1#

166 27.9 27.8 41.6

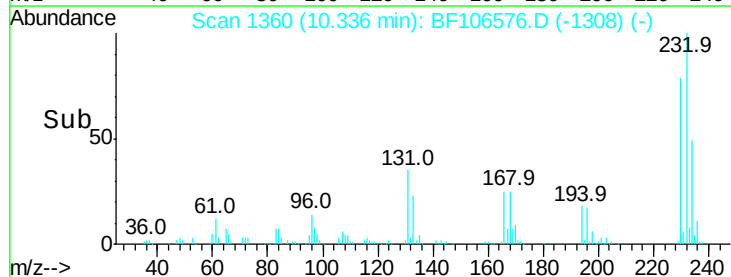
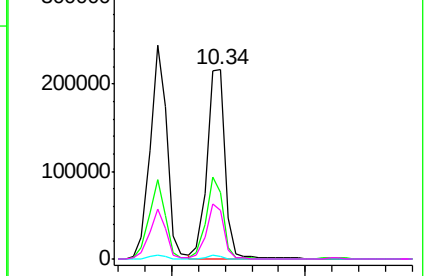


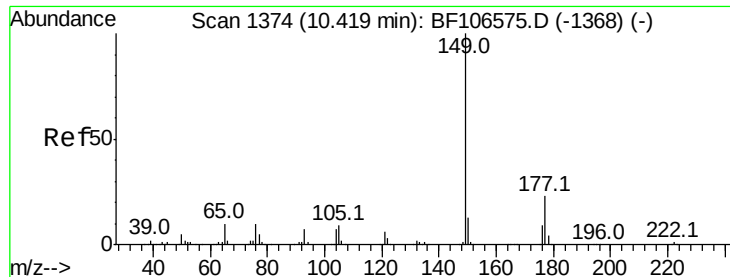
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

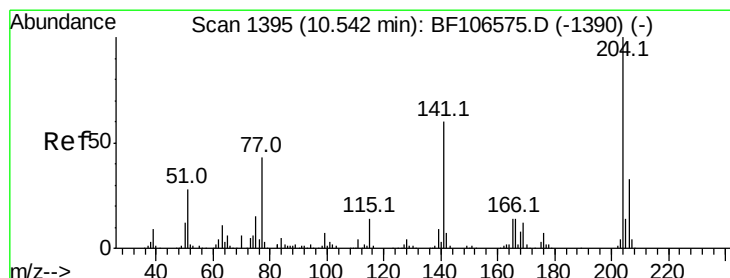
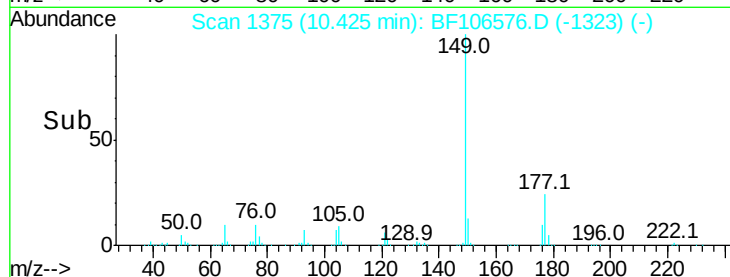
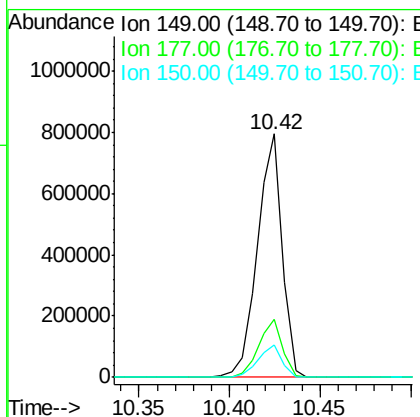
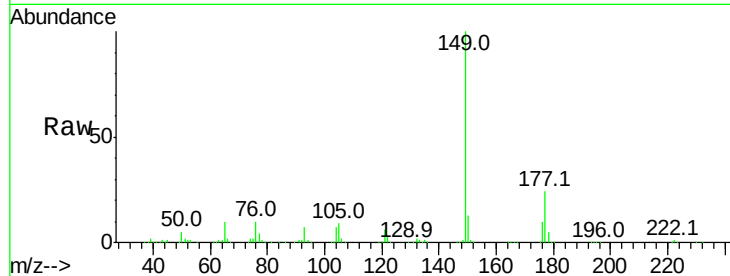




#59
Diethylphthalate
Concen: 48.449 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

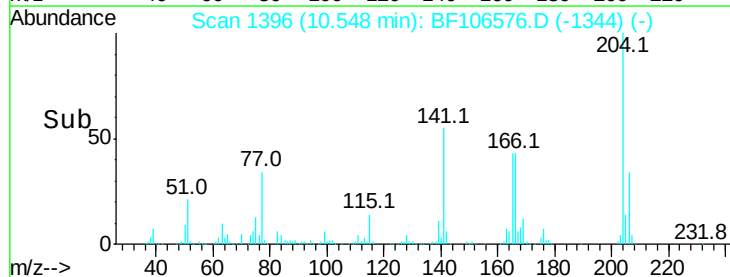
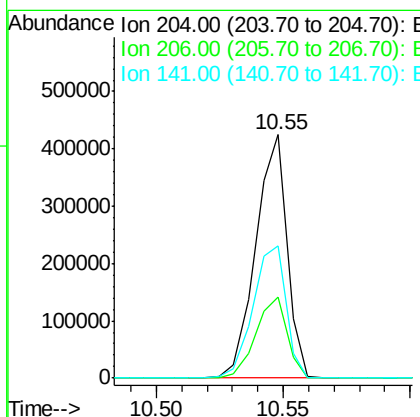
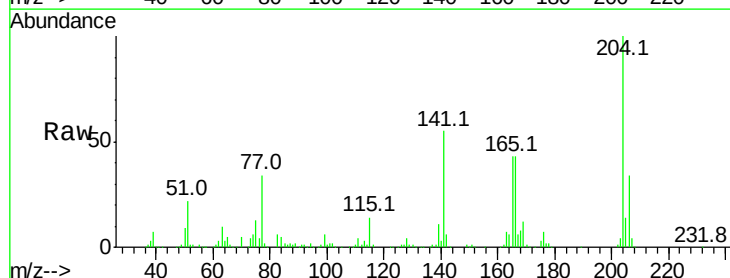
Instrument :
BNA_F
ClientSampleId :

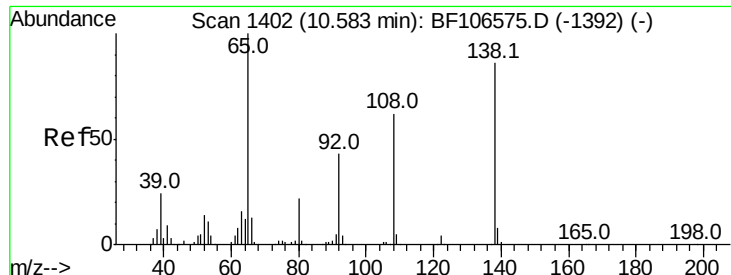
Tot Ion:149 Resp: 750521
Ion Ratio Lower Upper
149 100
177 23.7 16.1 24.1
150 13.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 48.728 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:204 Resp: 365991
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 54.6 54.6 81.8

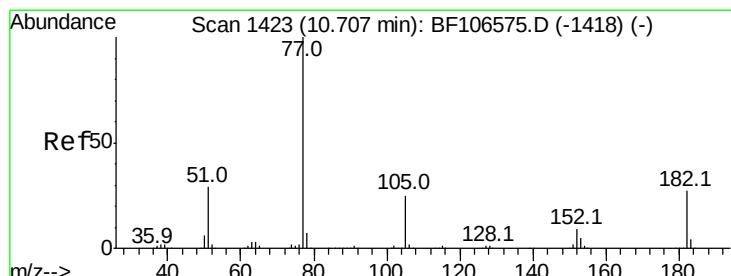
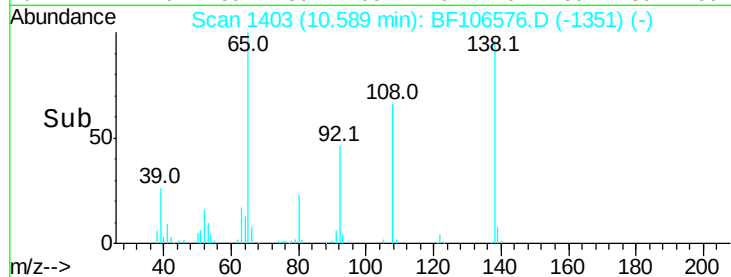
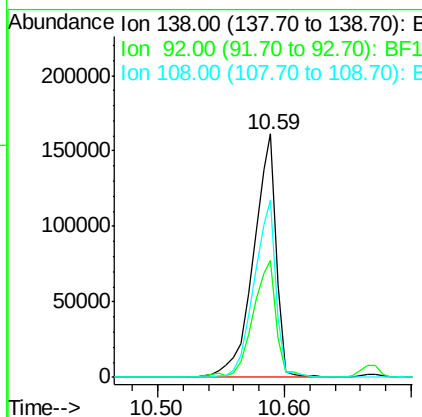
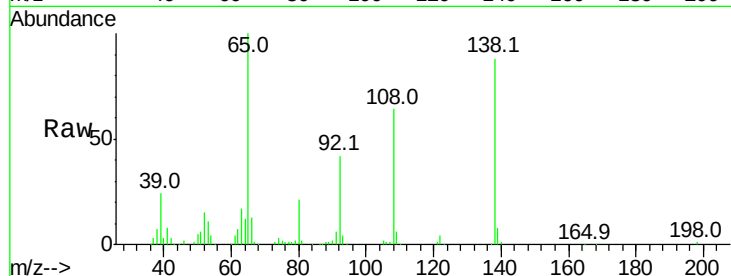




#61
 4-Nitroaniline
 Concen: 55.054 ng
 RT: 10.59 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

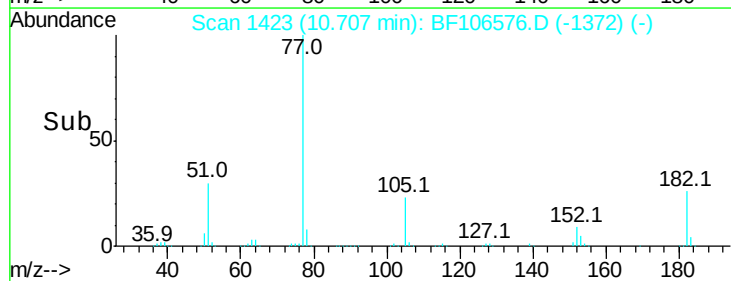
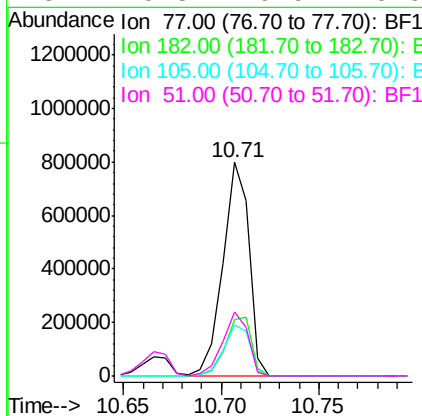
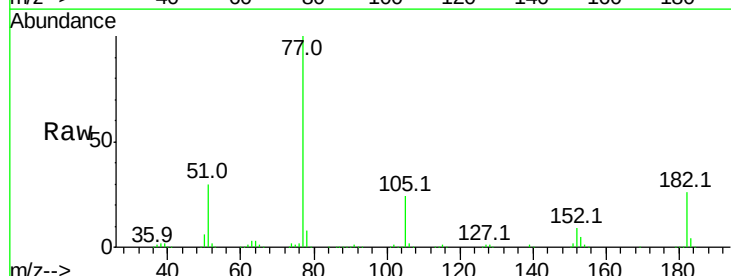
Instrument :
 BNA_F
 ClientSampled :

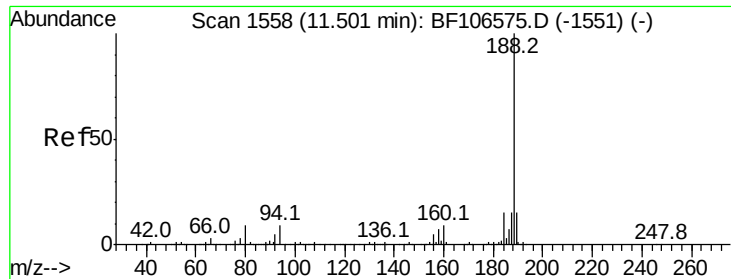
Tot Ion:138 Resp: 202676
 Ion Ratio Lower Upper
 138 100
 92 47.9 30.2 70.2
 108 72.7 52.5 92.5



#62
 Azobenzene
 Concen: 45.560 ng
 RT: 10.71 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion: 77 Resp: 735925
 Ion Ratio Lower Upper
 77 100
 182 26.2 1.7 41.7
 105 24.2 3.0 43.0
 51 29.8 9.9 49.9

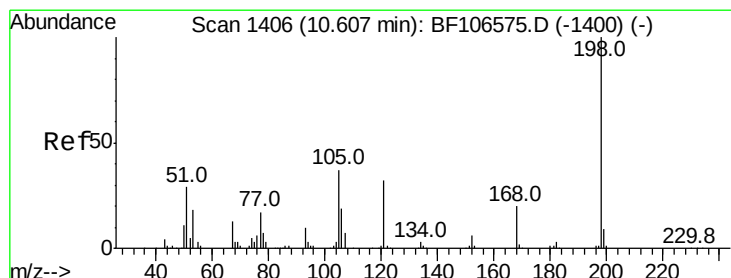
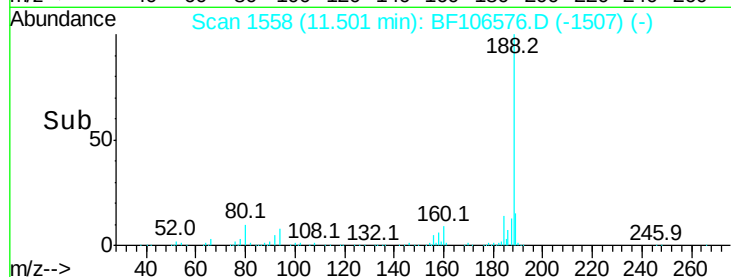
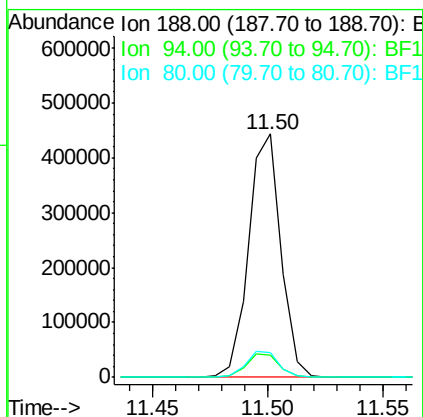
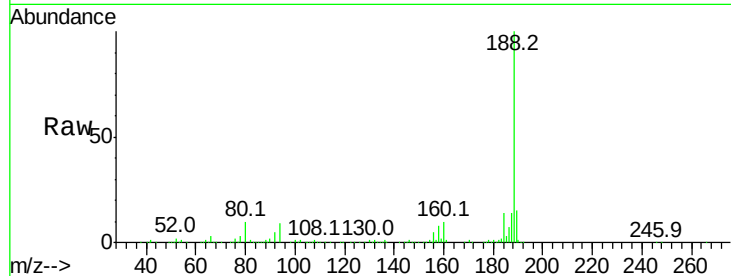




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

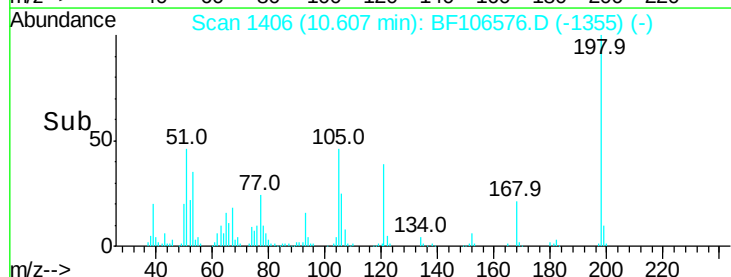
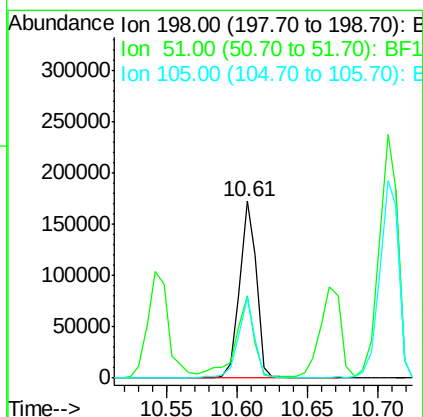
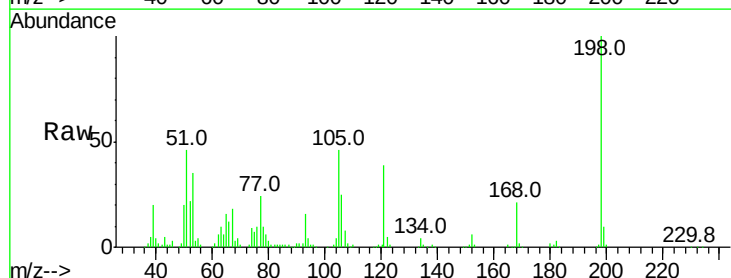
Instrument :
BNA_F
ClientSampleId :

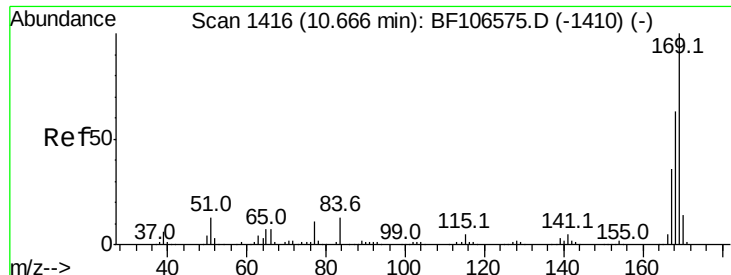
Tot Ion:188 Resp: 430498
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 68.207 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:198 Resp: 143503
Ion Ratio Lower Upper
198 100
51 46.3 37.7 77.7
105 45.7 36.3 76.3

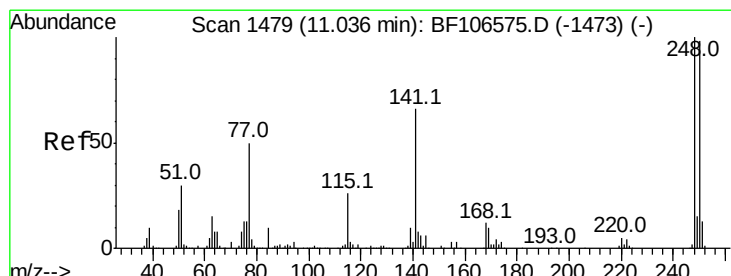
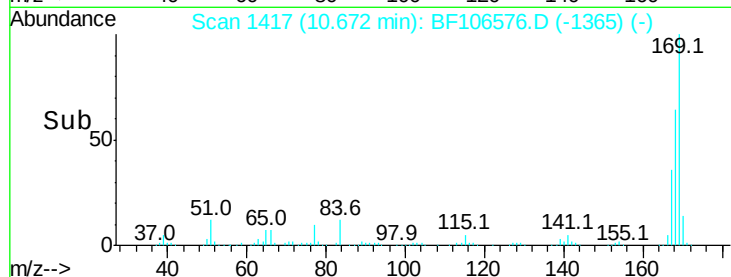
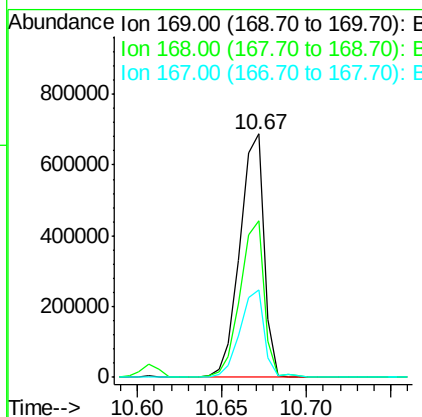
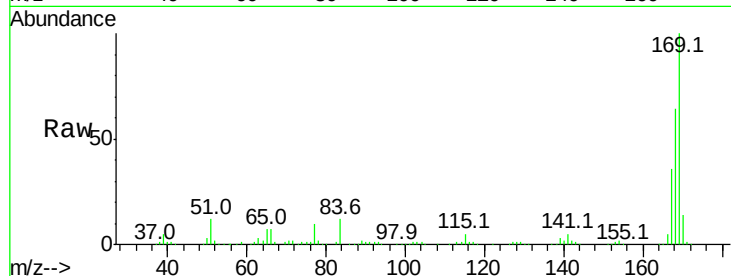




#65
 n-Nitrosodiphenylamine
 Concen: 47.466 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

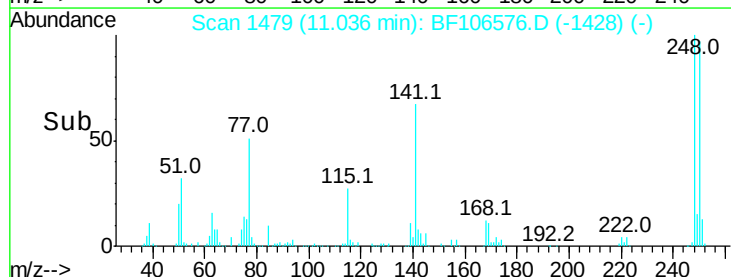
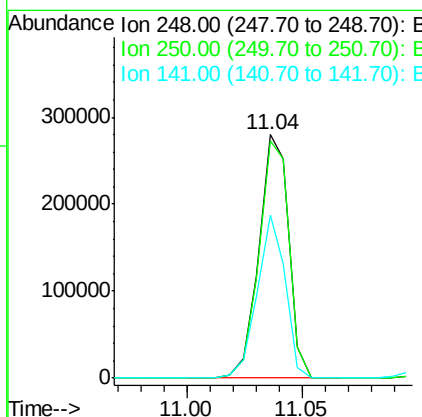
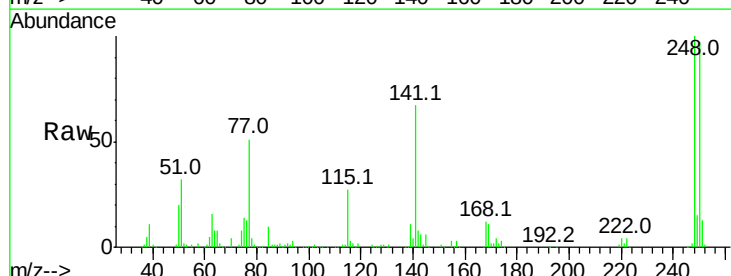
Instrument :
 BNA_F
 ClientSampleId :

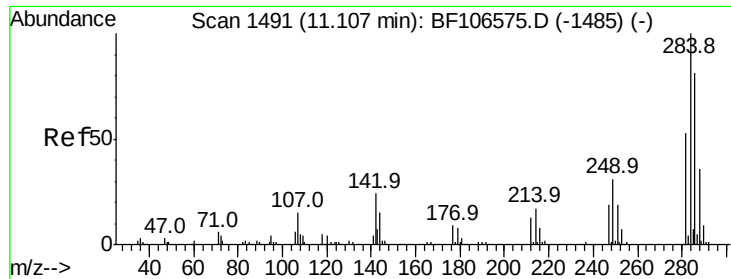
Tot Ion:169 Resp: 686750
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 35.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 51.325 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:248 Resp: 251309
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 67.0 74.4 111.6#

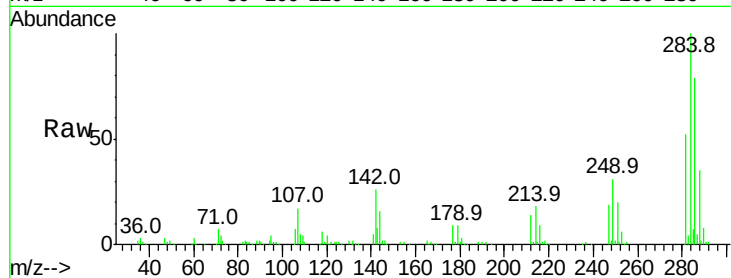




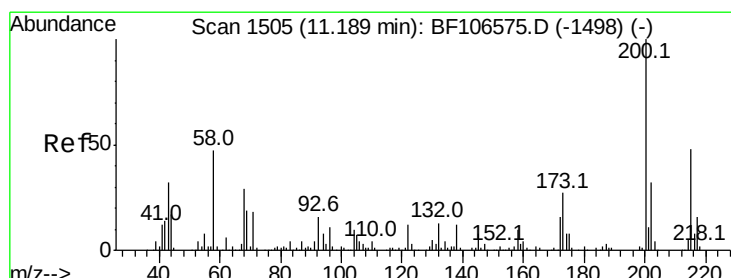
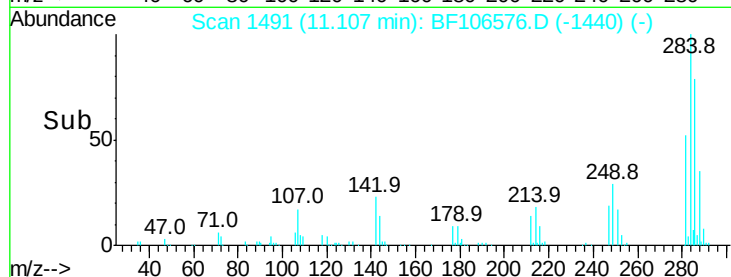
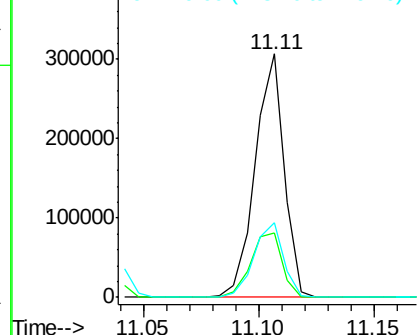
#67
Hexachlorobenzene
Concen: 53.276 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.3	34.6	52.0#
249	30.9	24.8	37.2

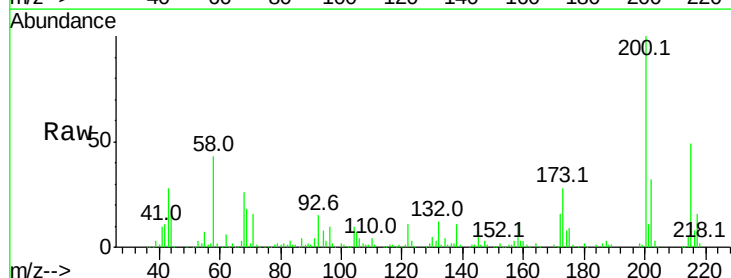


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

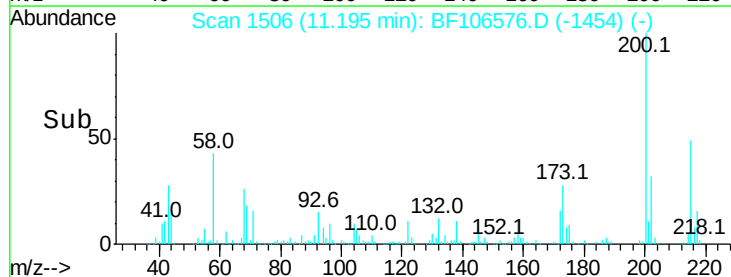
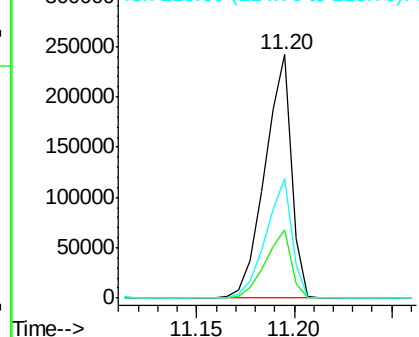


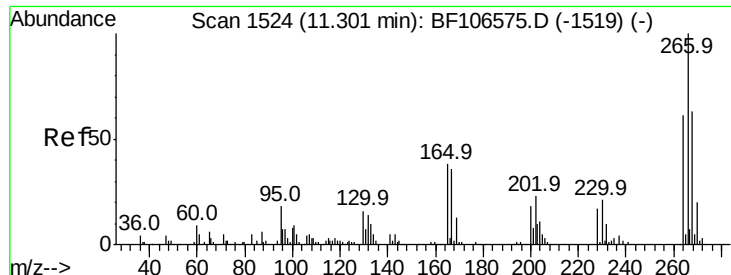
#68
Atrazine
Concen: 50.818 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.6	48.6
215	49.3	25.1	65.1



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

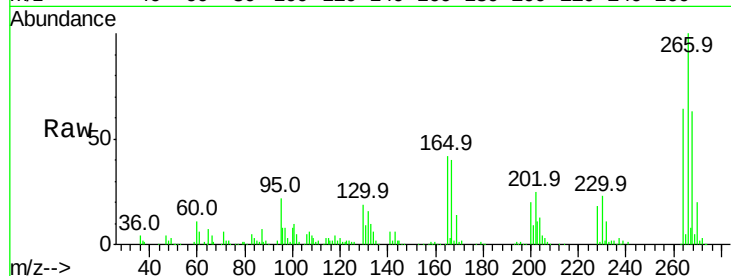




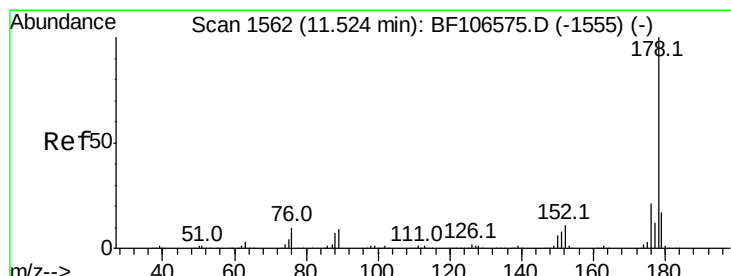
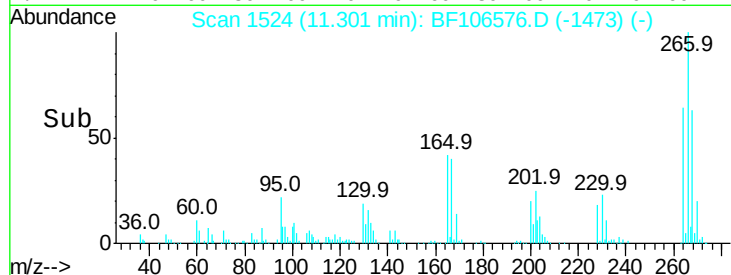
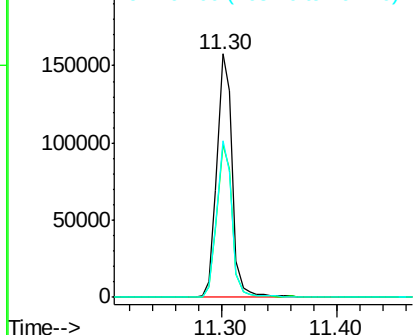
#69
 Pentachlorophenol
 Concen: 47.193 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 146670
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 64.1 49.5 74.3

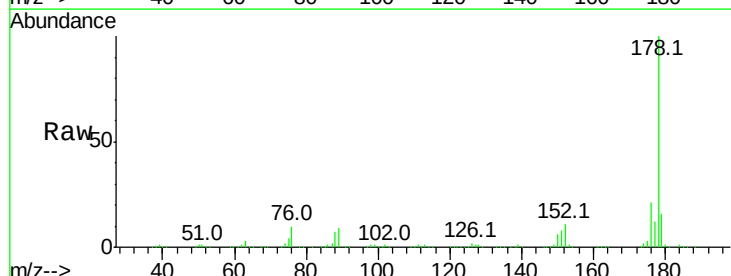


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

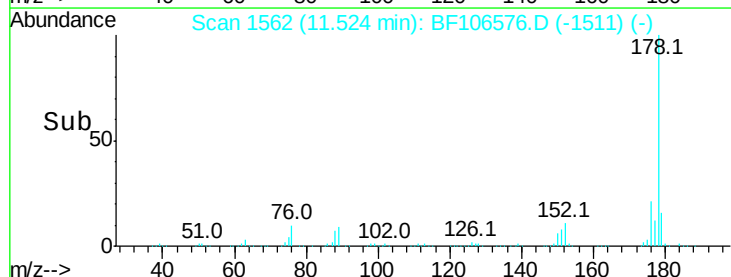
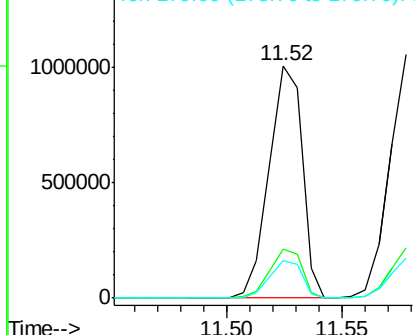


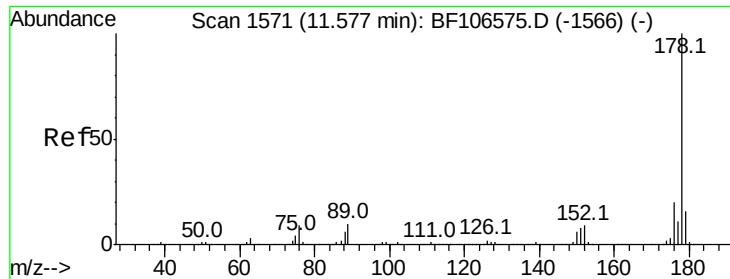
#70
 Phenanthrene
 Concen: 47.758 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:178 Resp: 1006896
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.8 23.8
 179 16.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

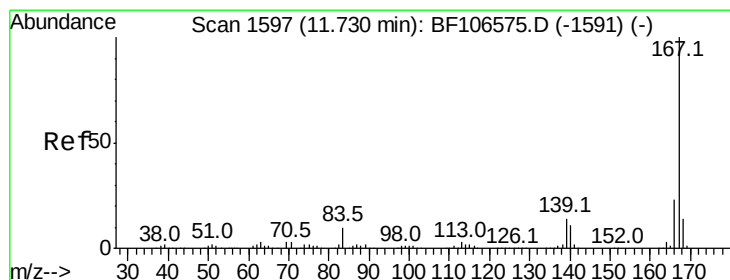
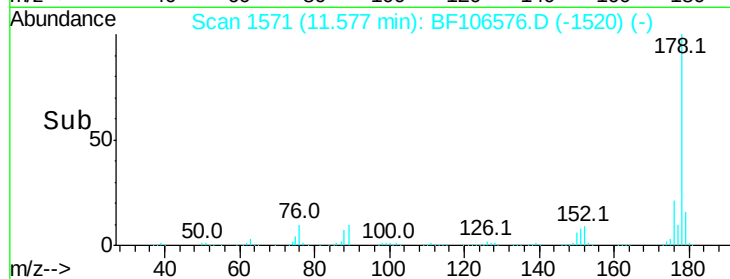
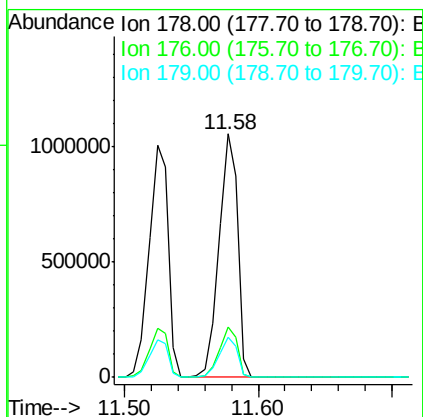
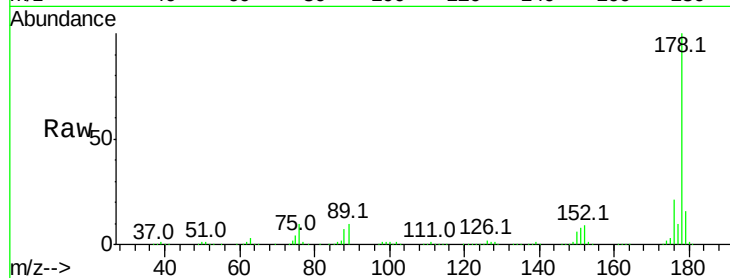




#71
 Anthracene
 Concen: 49.523 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

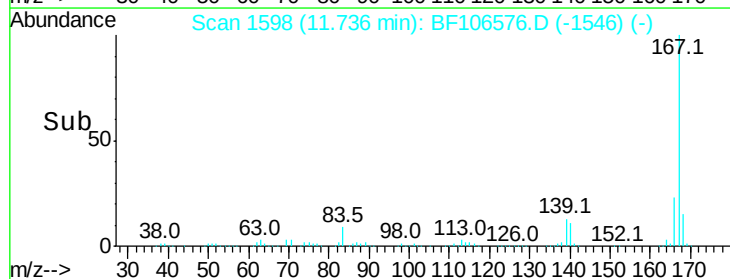
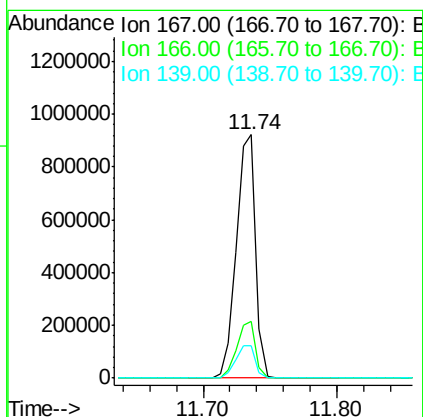
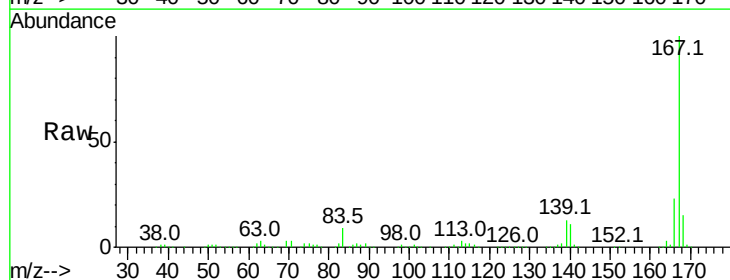
Instrument :
 BNA_F
 ClientSampled :

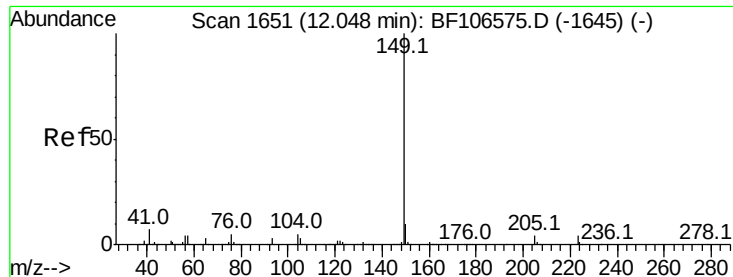
Tot Ion:178 Resp: 1045990
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 47.759 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion:167 Resp: 931289
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 51.232 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

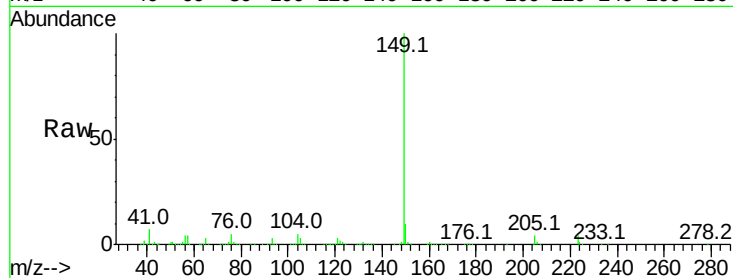
Tot Ion:149 Resp: 1111844

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

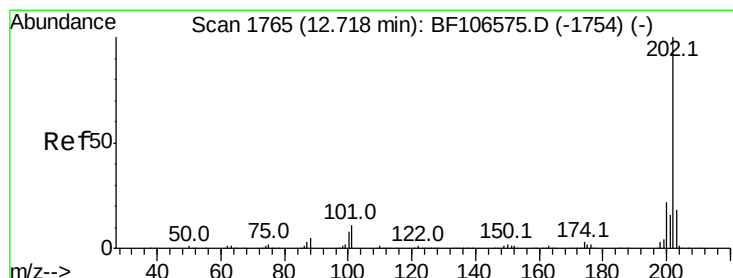
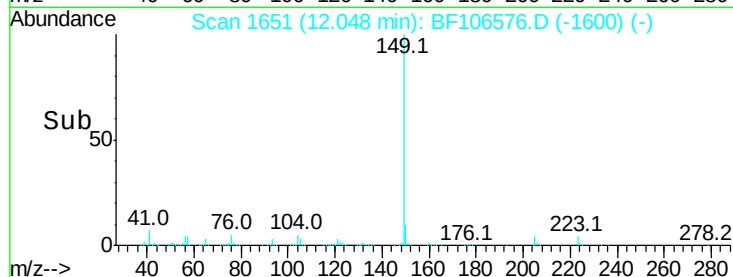
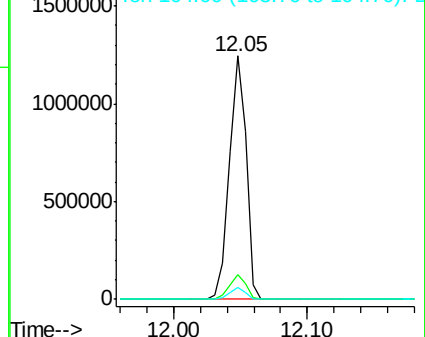
104 5.2 3.8 5.8



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: 49.006 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

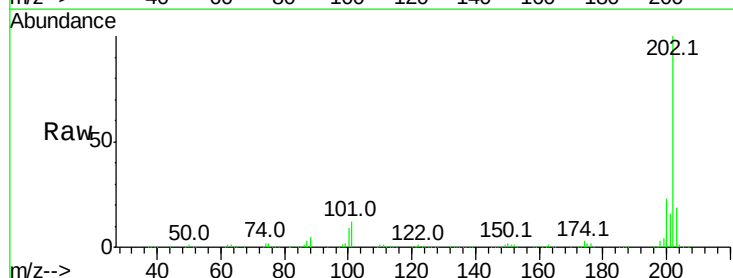
Tgt Ion:202 Resp: 1101853

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

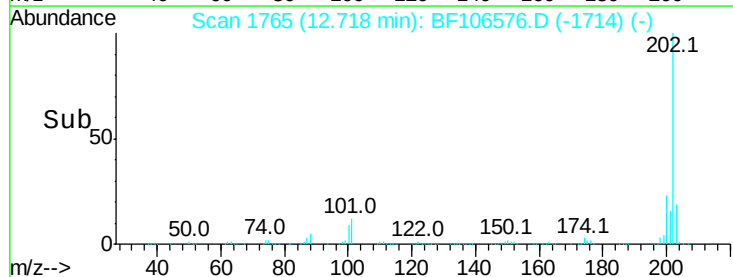
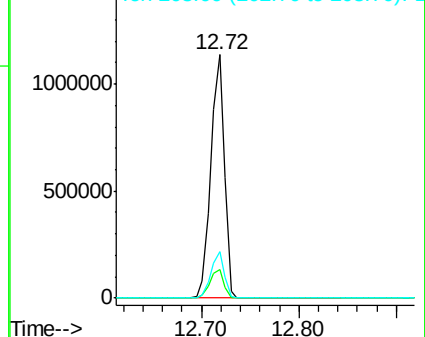
203 18.9 0.0 38.1

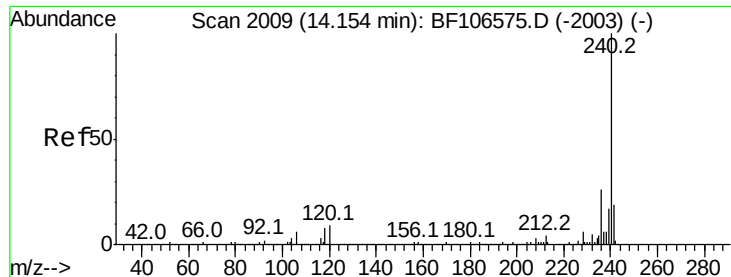


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

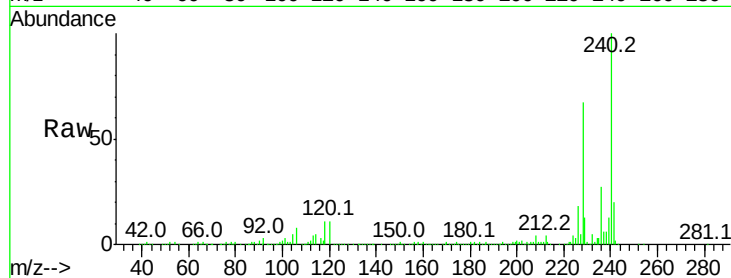
Tot Ion:240 Resp: 348348

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

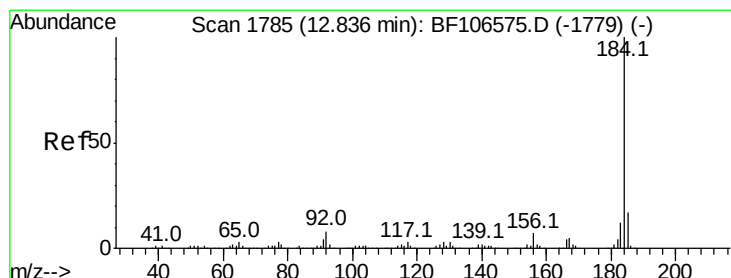
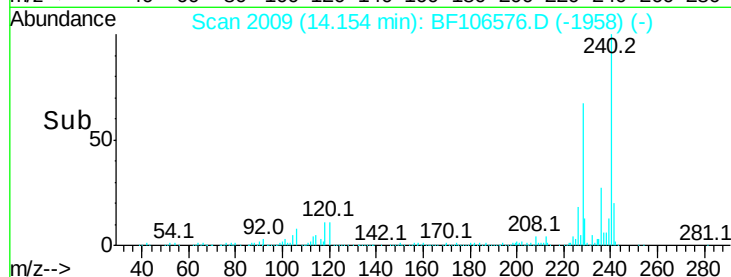
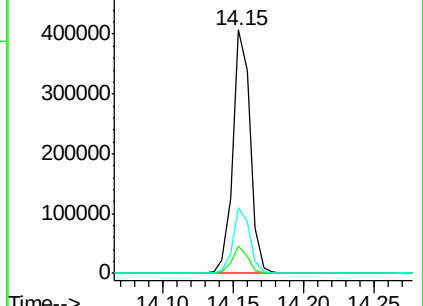
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.260 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

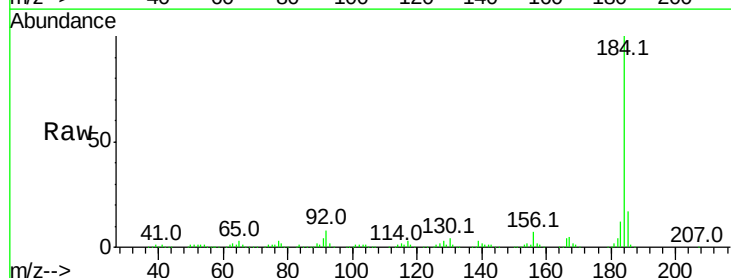
Tgt Ion:184 Resp: 466752

Ion Ratio Lower Upper

184 100

185 17.5 12.6 18.8

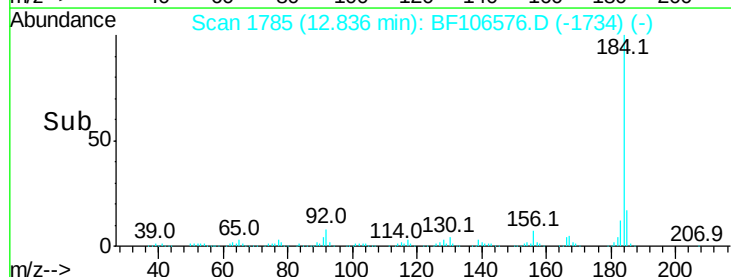
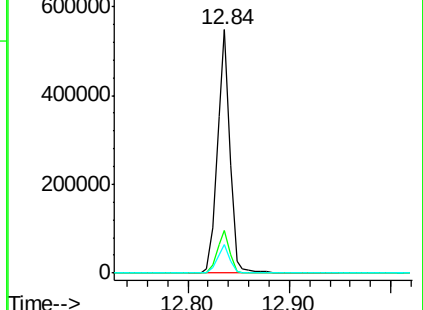
183 11.9 9.3 13.9

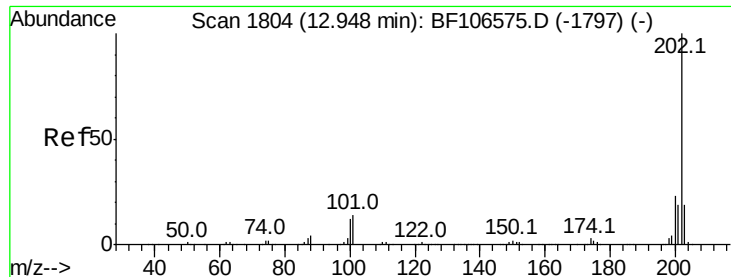


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

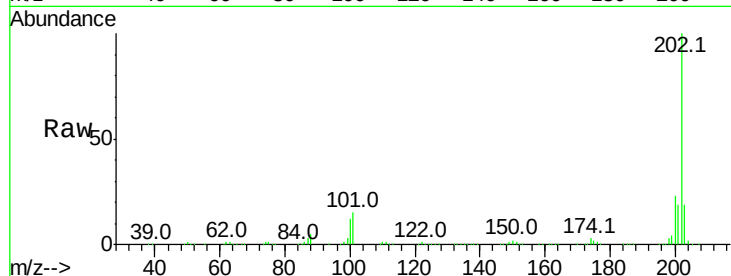




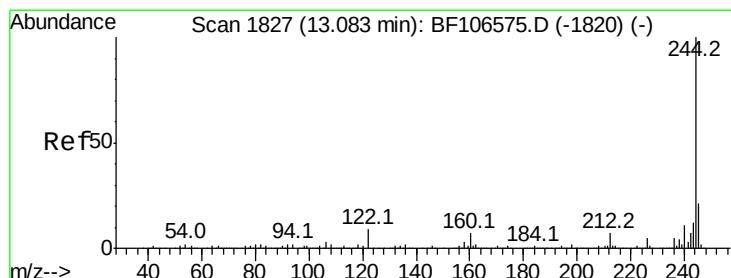
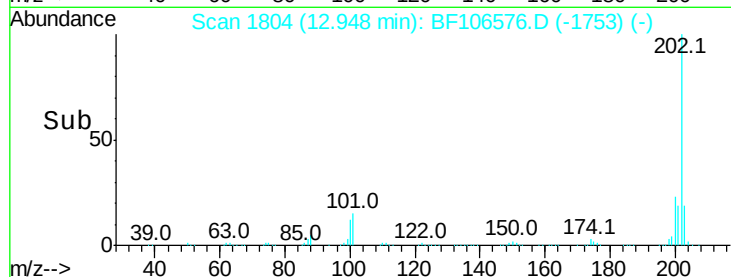
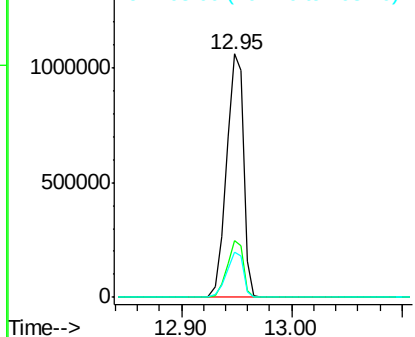
#77
Pvrene
Concen: 52.466 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1144226
Ion Ratio Lower Upper
202 100
200 23.2 17.4 26.2
203 18.8 14.3 21.5

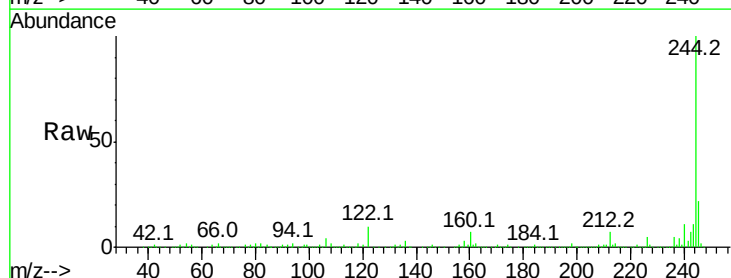


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

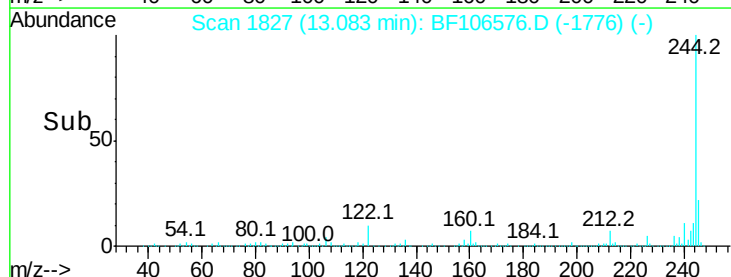
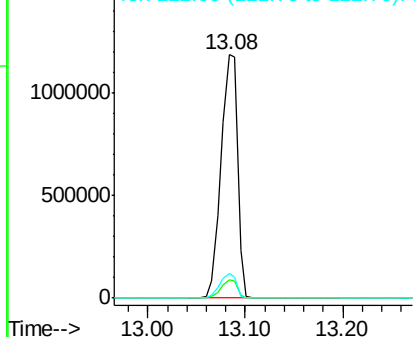


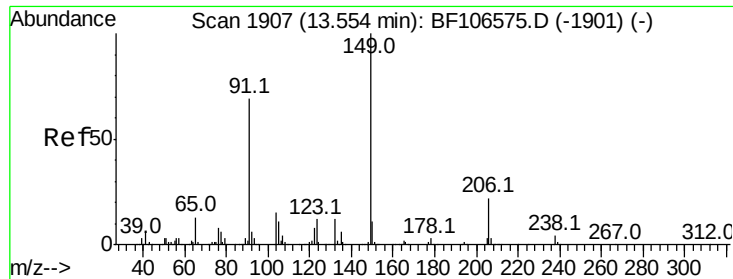
#78
Terphenyl-d14
Concen: 100.157 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:244 Resp: 1404694
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 9.9 11.0 16.4#



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

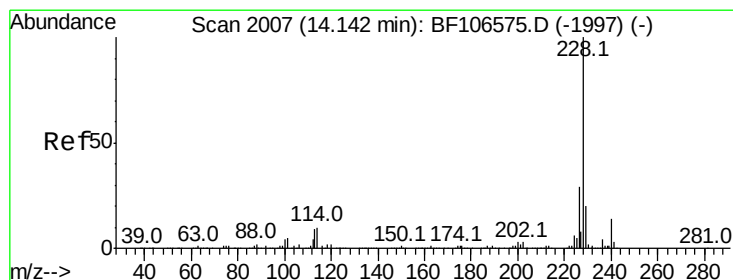
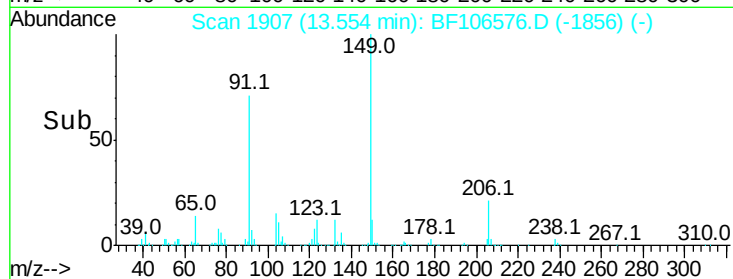
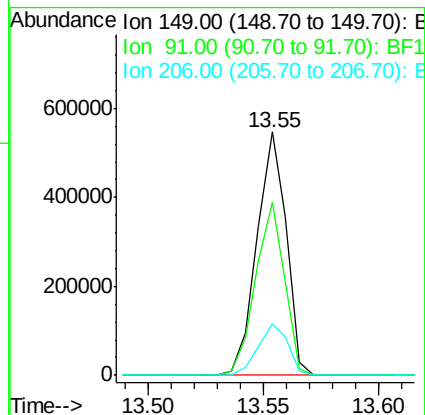
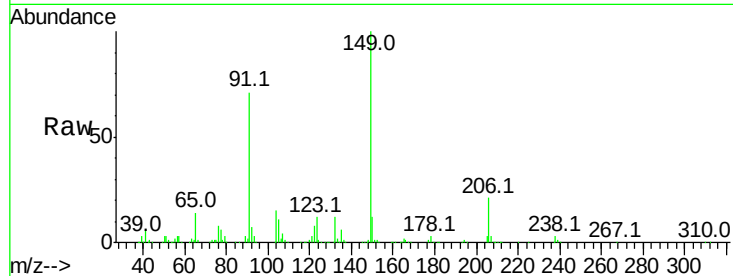




#79
Butylbenzylphthalate
Concen: 59.577 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

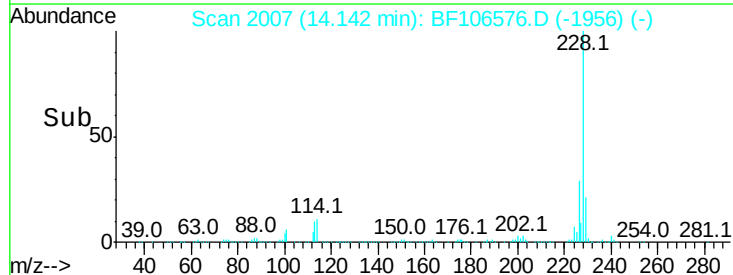
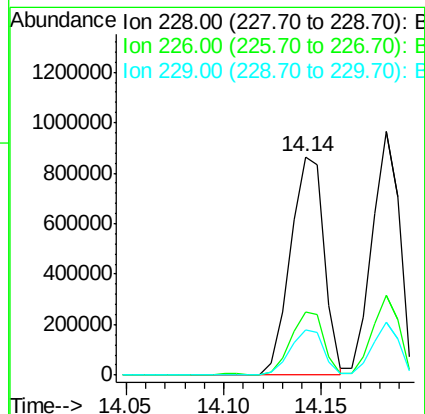
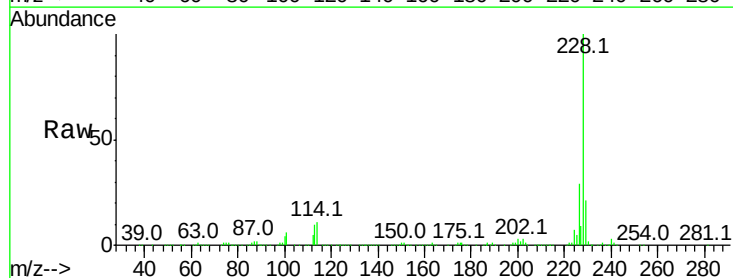
Instrument :
BNA_F
ClientSampleId :

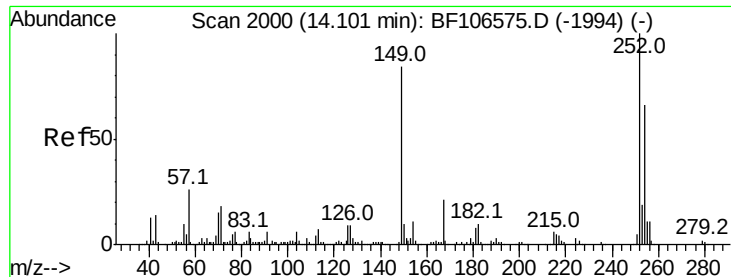
Tot Ion:149 Resp: 486362
Ion Ratio Lower Upper
149 100
91 71.3 56.8 85.2
206 21.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 49.738 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:228 Resp: 1031075
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.9 15.8 23.6

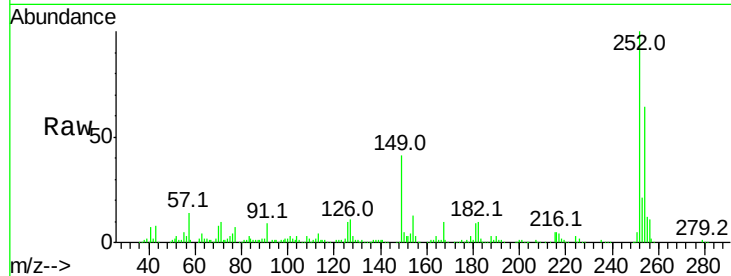




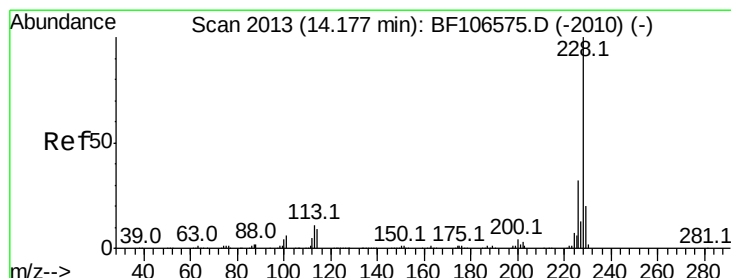
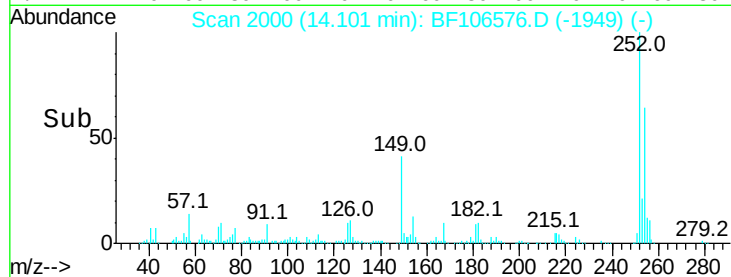
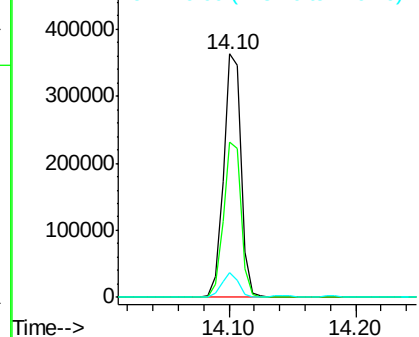
#81
 3,3'-Dichlorobenzidine
 Concen: 50.338 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	10.4	11.3	16.9#

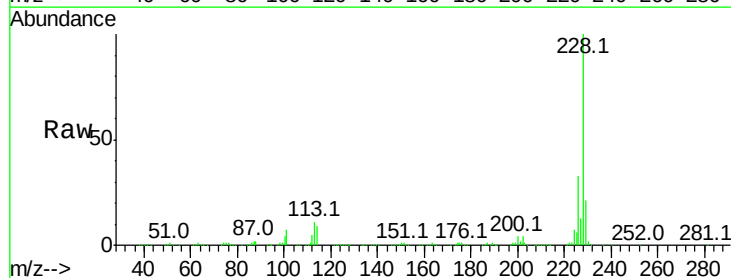


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

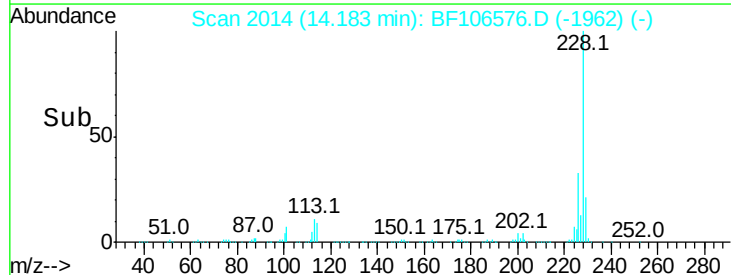
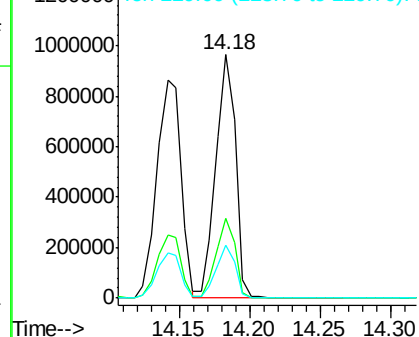


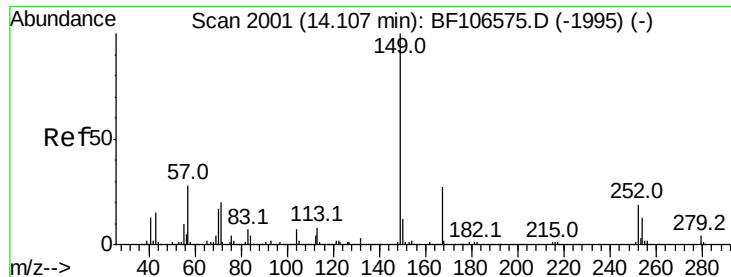
#82
 Chrysene
 Concen: 49.732 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.0	37.6
229	21.5	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: 50.369 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

Instrument :

BNA_F

ClientSampleId :

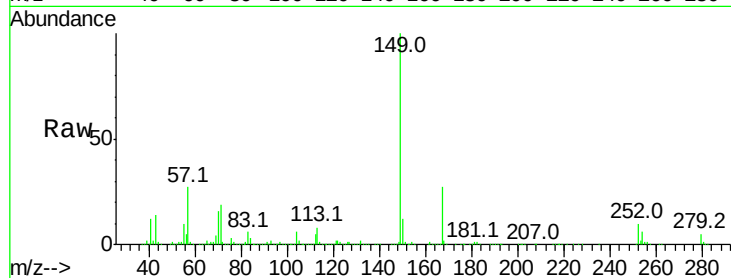
Tot Ion:149 Resp: 589574

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

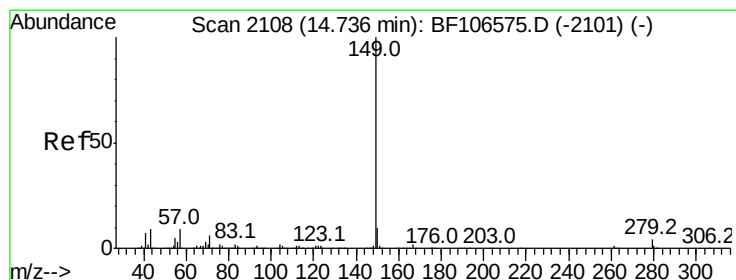
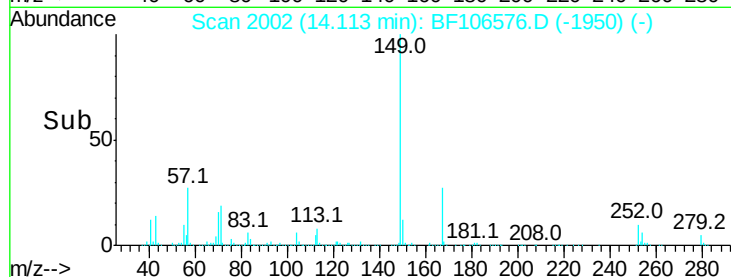
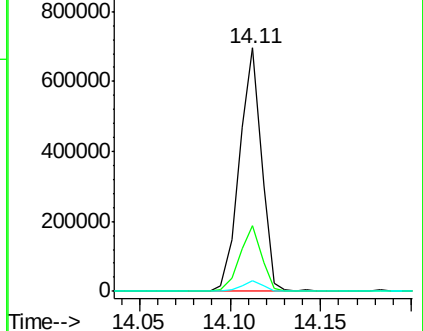
279 4.6 3.0 4.4#



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: 57.099 ng

RT: 14.75 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF106576.D

Acq: 19 Jun 2018 12:10

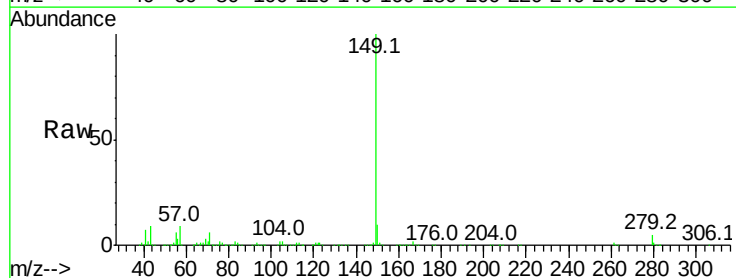
Tgt Ion:149 Resp: 963523

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

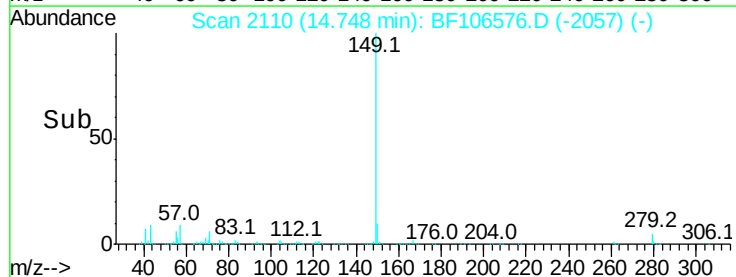
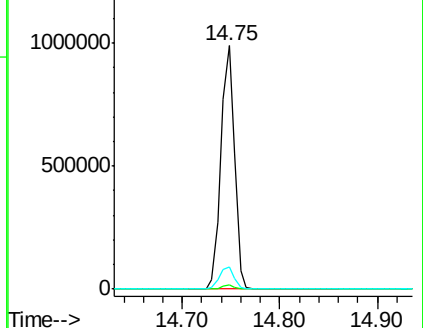
43 9.6 8.4 12.6

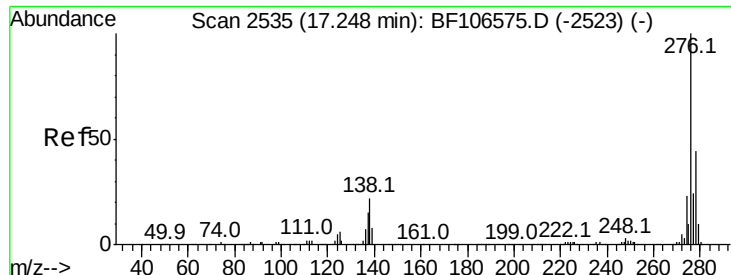


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

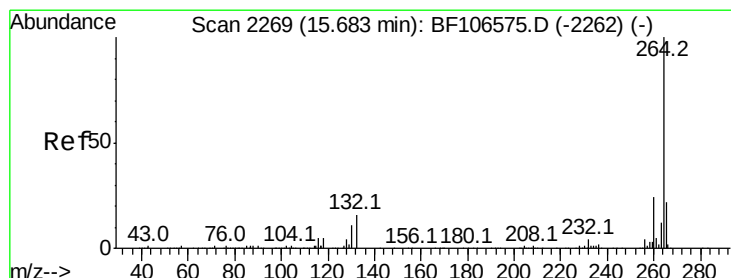
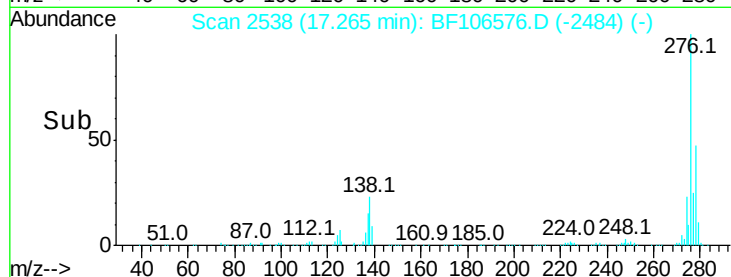
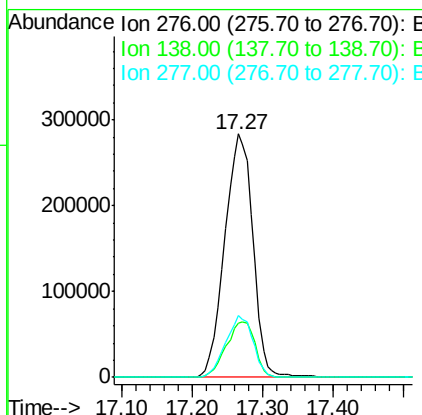
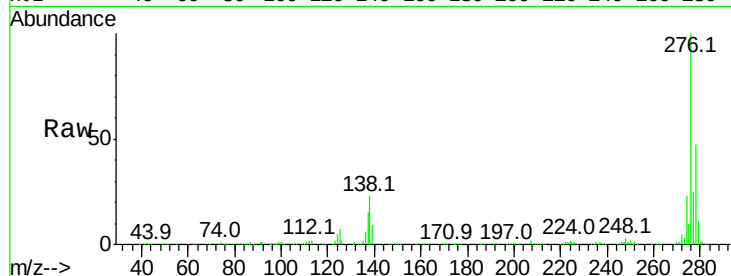




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.057 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. 0.02 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

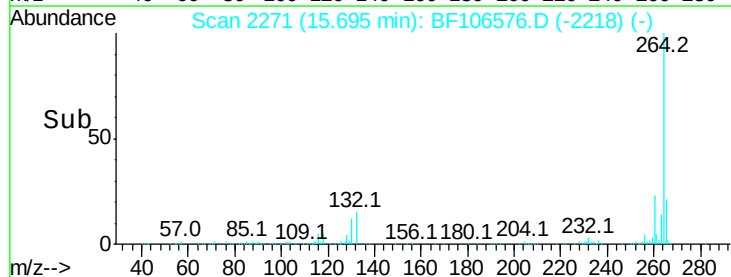
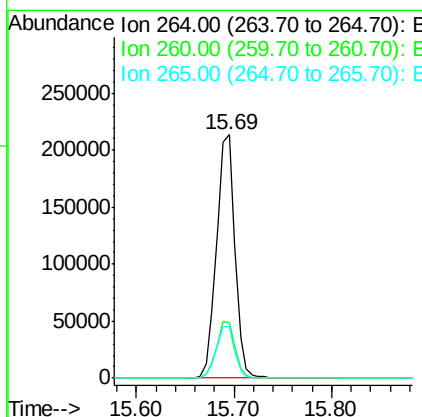
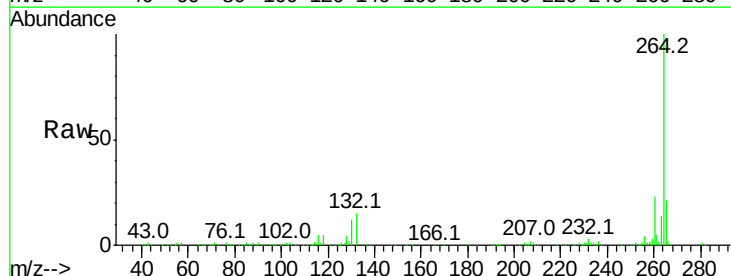
Instrument :
 BNA_F
 ClientSampleId :

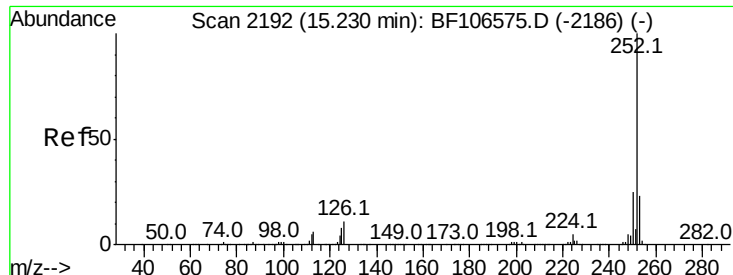
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106576.D
 Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.1	17.5	26.3

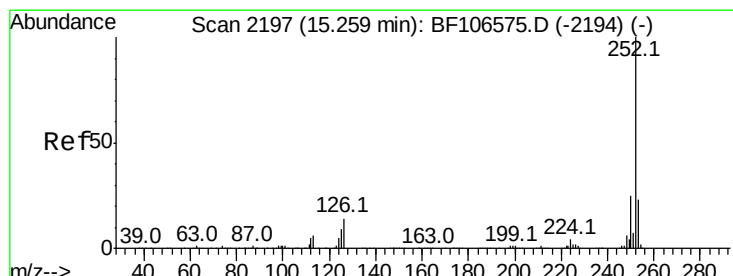
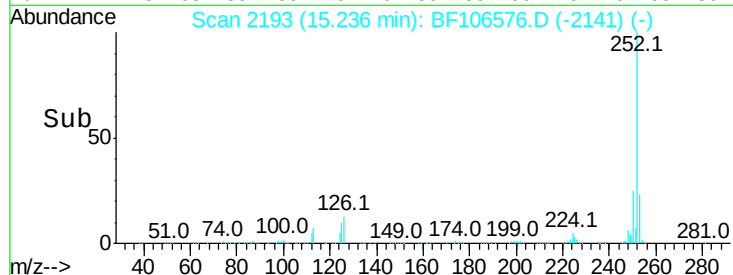
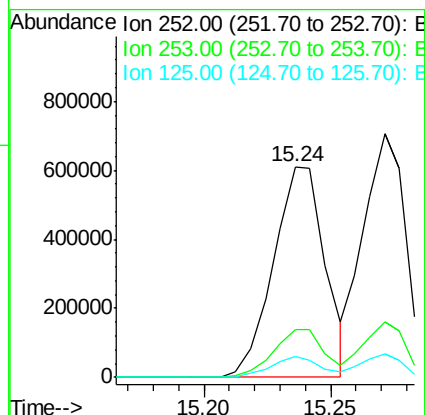
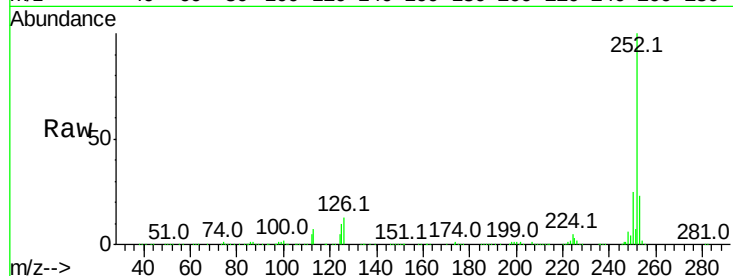




#87
Benzo(b)fluoranthene
Concen: 50.983 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

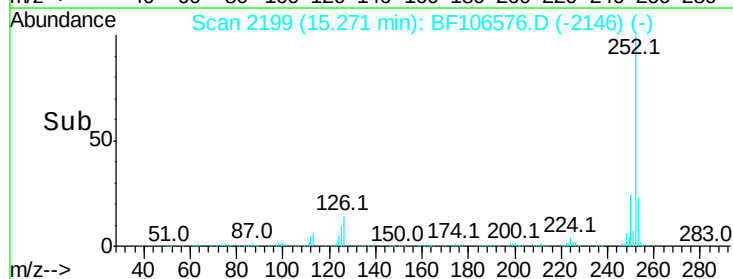
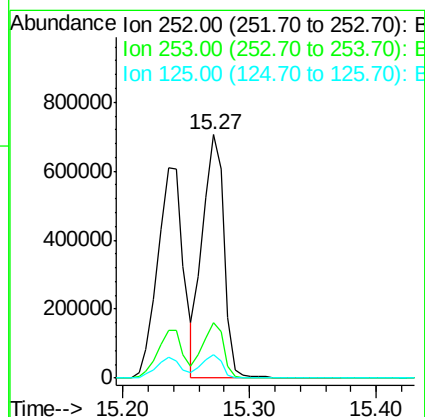
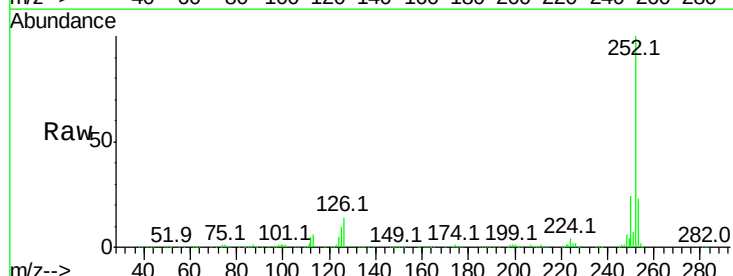
Instrument :
BNA_F
ClientSampleId :

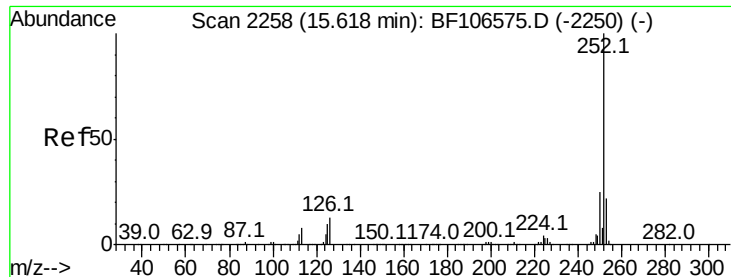
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 49.514 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.8	10.2	15.2#

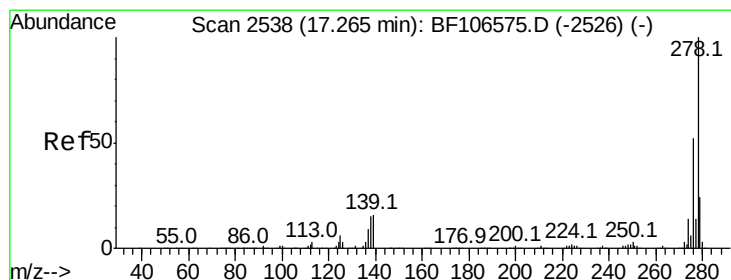
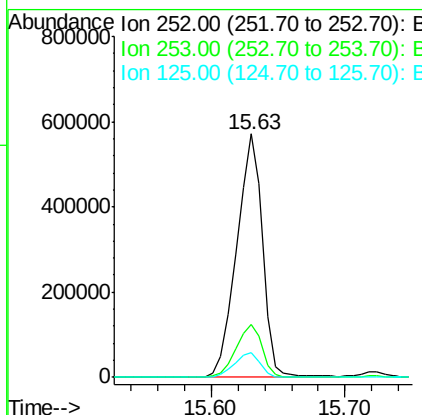
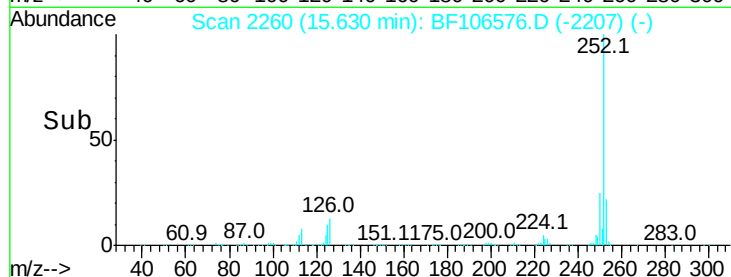
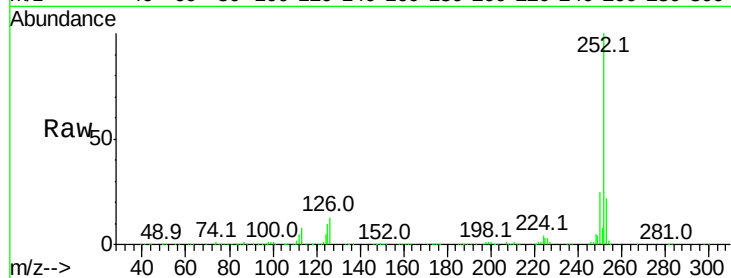




#89
Benzo(a)pyrene
Concen: 50.190 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

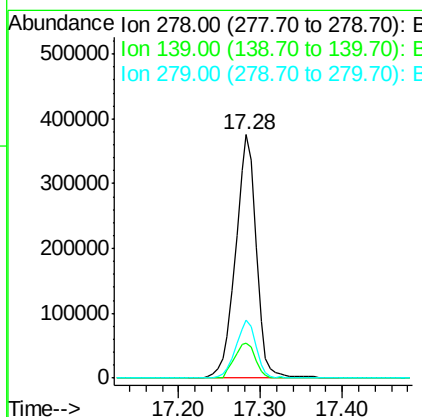
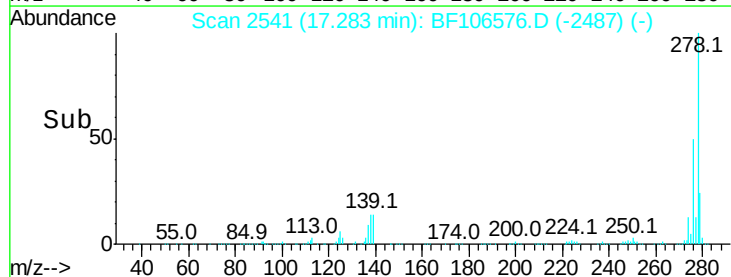
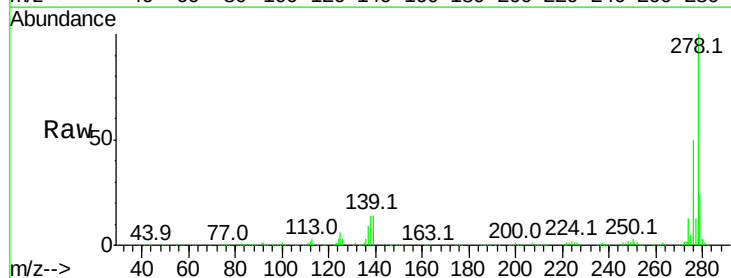
Instrument :
BNA_F
ClientSampleId :

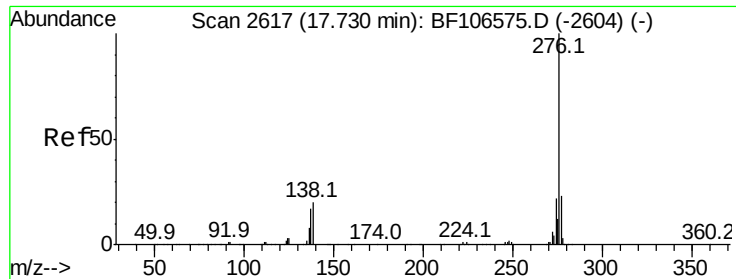
Tot Ion:252 Resp: 767414
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.163 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Tgt Ion:278 Resp: 664945
Ion Ratio Lower Upper
278 100
139 14.4 15.9 23.9#
279 23.9 19.0 28.4





#91
Benzo(a,h,i)perylene
Concen: 53.140 ng
RT: 17.75 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF106576.D
Acq: 19 Jun 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	19.3	21.8	32.8

