

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106585.D
 Acq On : 19 Jun 2018 16:40
 Operator : JU/SJ
 Sample : PB110285BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 17:43:46 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 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117731	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	451161	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	225274	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	445525	20.00	ng	0.00
75) Chrysene-d12	14.15	240	276343	20.00	ng	0.00
86) Perylene-d12	15.69	264	272169	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	759433	109.23	ng	0.01
7) Phenol-d6	6.61	99	971118	111.85	ng	0.00
23) Nitrobenzene-d5	7.53	82	676501	83.33	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	319850	122.50	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1178066	89.25	ng	0.00
78) Terphenyl-d14	13.08	244	1250402	109.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	115513	32.316	ng	96
3) Pyridine	3.66	79	340451	35.119	ng	98
4) n-Nitrosodimethylamine	3.62	42	151555	36.809	ng	92
6) Aniline	6.63	93	247710	21.032	ng	# 88
8) 2-Chlorophenol	6.75	128	295996	38.815	ng	97
9) Benzaldehyde	6.51	77	188177	29.703	ng	98
10) Phenol	6.62	94	368122	37.151	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	306234	37.436	ng	98
12) 1,3-Dichlorobenzene	6.90	146	339863	38.052	ng	99
13) 1,4-Dichlorobenzene	6.98	146	342005	37.875	ng	99
14) 1,2-Dichlorobenzene	7.13	146	315968	38.181	ng	99
15) Benzyl Alcohol	7.10	79	271832	38.990	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	464795	43.306	ng	86
17) 2-Methylphenol	7.22	107	261492	40.069	ng	# 94
18) Hexachloroethane	7.47	117	123284	38.825	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	207422	36.242	ng	96
20) 3+4-Methylphenols	7.37	107	303068	42.303	ng	# 72
22) Acetophenone	7.37	105	404177	40.043	ng	# 93
24) Nitrobenzene	7.55	77	339902	41.009	ng	99
25) Isophorone	7.78	82	626412	43.788	ng	99
26) 2-Nitrophenol	7.86	139	170694	43.626	ng	99
27) 2,4-Dimethylphenol	7.90	122	281506	46.548	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	396612	41.292	ng	98
29) 2,4-Dichlorophenol	8.11	162	276719	43.705	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	284263	40.755	ng	95
31) Naphthalene	8.27	128	860964	40.817	ng	99
32) Benzoic acid	8.02	122	151575	36.074	ng	99
33) 4-Chloroaniline	8.31	127	84821	9.584	ng	98
34) Hexachlorobutadiene	8.38	225	184280	40.547	ng	99
35) Caprolactam	8.70	113	54571	26.441	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	291700	43.770	ng	97
37) 2-Methylnaphthalene	8.96	142	599736	42.896	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	301677	39.765	ng	97
40) Hexachlorocyclopentadiene	9.11	237	335579	85.974	ng	99

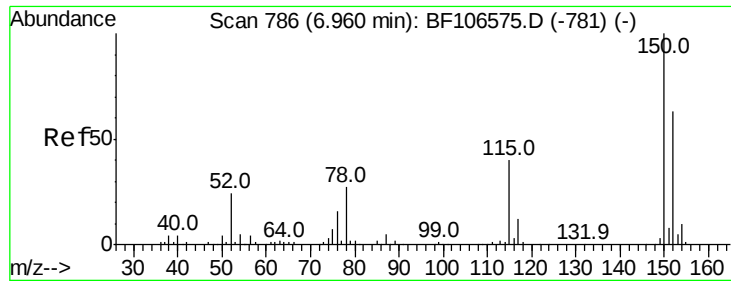
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
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 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	207018	41.051	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	215186	40.894	nq	93
45) 1,1'-Biphenyl	9.42	154	700880	39.039	nq	99
46) 2-Chloronaphthalene	9.45	162	566940	40.118	nq	96
47) 2-Nitroaniline	9.55	65	191483	40.295	nq	91
48) Acenaphthylene	9.87	152	893873	40.064	nq	98
49) Dimethylphthalate	9.72	163	669791	39.642	nq	100
50) 2,6-Dinitrotoluene	9.79	165	151021	42.211	nq	98
51) Acenaphthene	10.04	154	519749	36.994	nq	99
52) 3-Nitroaniline	9.96	138	62419	15.161	nq	97
53) 2,4-Dinitrophenol	10.07	184	126168	68.641	nq #	20
54) Dibenzofuran	10.21	168	778055	40.443	nq	97
55) 4-Nitrophenol	10.14	139	196194	68.271	nq	95
56) 2,4-Dinitrotoluene	10.20	165	201931	43.240	nq #	99
57) Fluorene	10.56	166	590177	38.659	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184887	44.200	nq #	82
59) Diethylphthalate	10.42	149	643363	39.452	nq #	94
60) 4-Chlorophenyl-phenylether	10.54	204	312419	39.113	nq	91
61) 4-Nitroaniline	10.58	138	151518	37.083	nq	99
62) Azobenzene	10.71	77	662003	41.224	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	99933	36.287	nq #	72
65) n-Nitrosodiphenylamine	10.67	169	571856	38.161	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	219279	41.240	nq #	83
67) Hexachlorobenzene	11.11	284	225816	40.577	nq #	81
68) Atrazine	11.19	200	197052	41.364	nq	96
69) Pentachlorophenol	11.30	266	188381	67.842	nq	99
70) Phenanthrene	11.52	178	869307	40.454	nq	99
71) Anthracene	11.58	178	897749	40.930	nq	98
72) Carbazole	11.73	167	772190	37.603	nq	99
73) Di-n-butylphthalate	12.05	149	961701	39.752	nq	99
74) Fluoranthene	12.71	202	900372	38.015	nq	98
76) Benzidine	12.83	184	281246	35.736	nq	98
77) Pyrene	12.95	202	890477	48.866	nq	99
79) Butylbenzylphthalate	13.55	149	348285	46.485	nq #	97
80) Benzo(a)anthracene	14.14	228	696584	41.359	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	117306	19.817	nq #	96
82) Chrysene	14.18	228	651647	42.056	nq	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	440442	45.981	nq	99
84) Di-n-octyl phthalate	14.75	149	619866	39.700	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	812876	61.819	nq #	92
87) Benzo(b)fluoranthene	15.27	252	609612	36.057	nq	97
88) Benzo(k)fluoranthene	15.27	252	609612	37.863	nq #	97
89) Benzo(a)pyrene	15.63	252	630474	41.948	nq	97
90) Dibenzo(a,h)anthracene	17.29	278	669662	52.573	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	699122	56.154	nq #	92

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

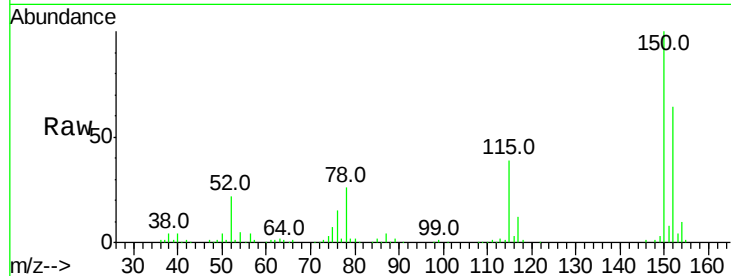


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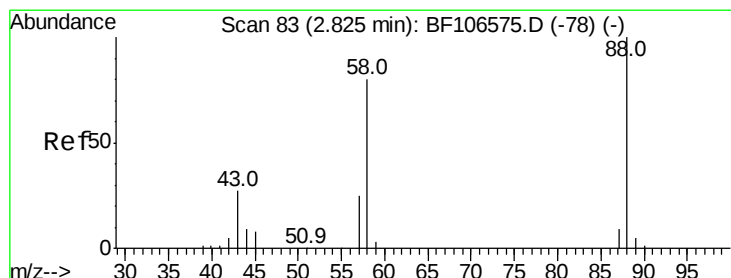
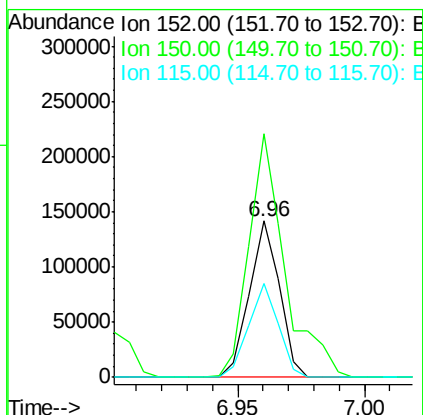
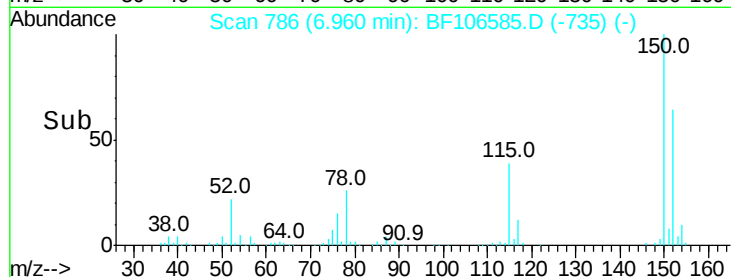
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117731
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.4 50.1 75.1



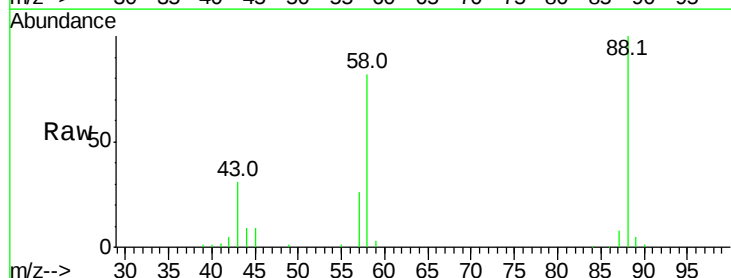
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



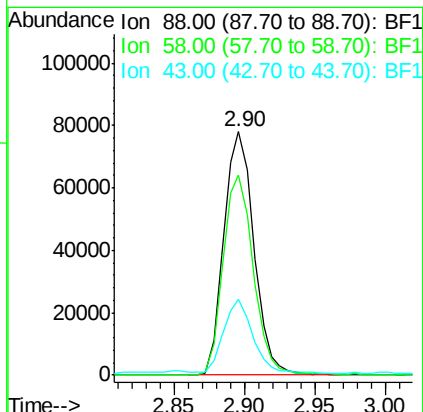
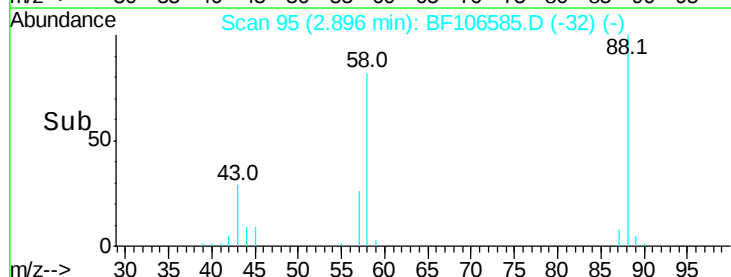
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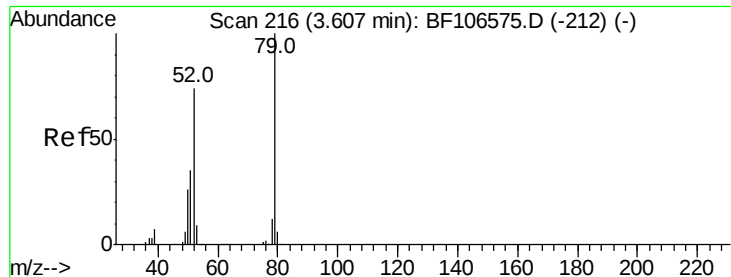
1,4-Dioxane
Concen: 32.316 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.07 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 88 Resp: 115513
Ion Ratio Lower Upper
88 100
58 82.4 62.6 93.8
43 29.2 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

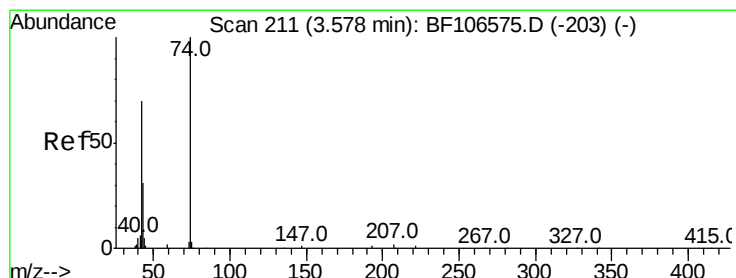
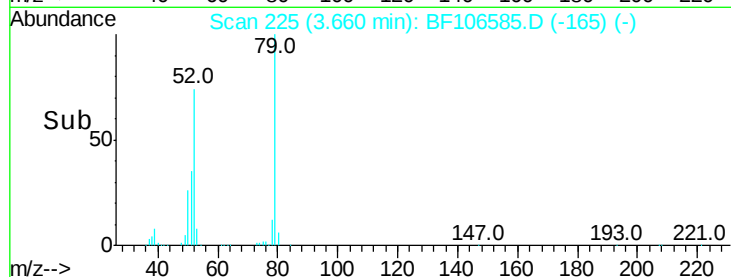
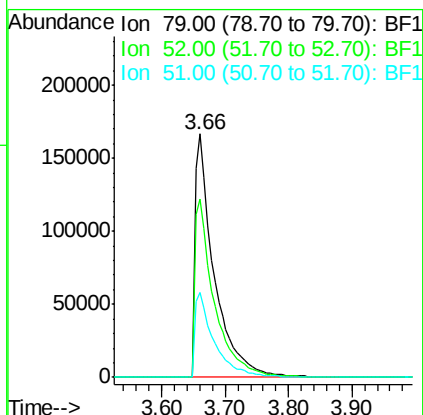
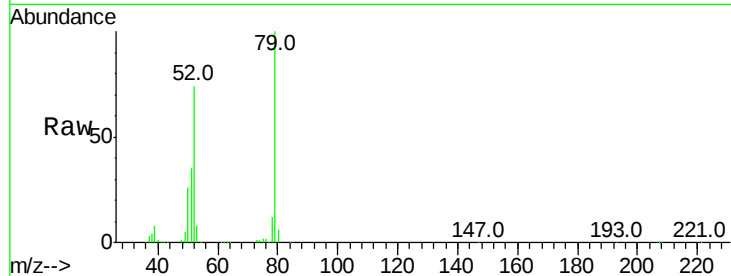




#3
 Pvridine
 Concen: 35.119 ng
 RT: 3.66 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

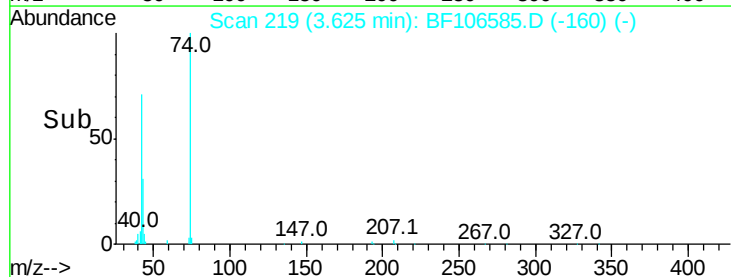
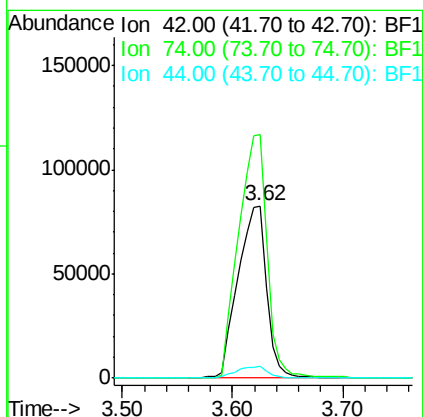
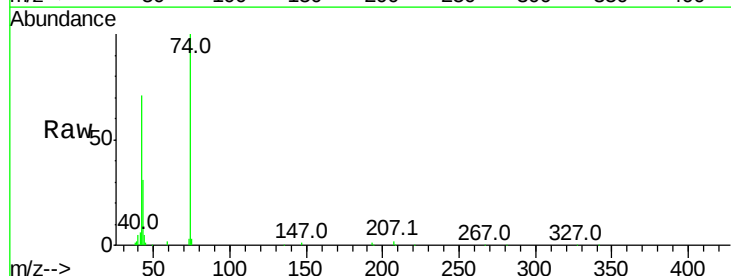
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 340451
 Ion Ratio Lower Upper
 79 100
 52 73.5 59.8 89.6
 51 34.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.809 ng
 RT: 3.62 min Scan# 219
 Delta R.T. 0.05 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion: 42 Resp: 151555
 Ion Ratio Lower Upper
 42 100
 74 141.2 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 109.229 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

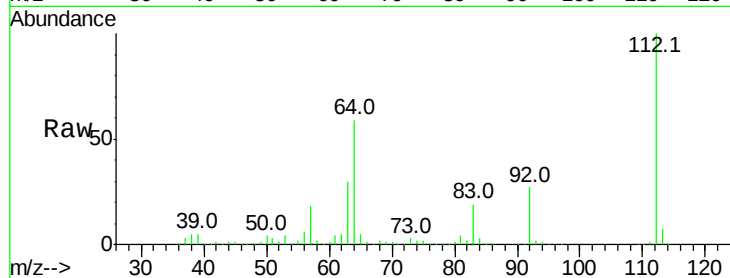
Tot Ion:112 Resp: 759433

Ion Ratio Lower Upper

112 100

64 59.0 47.9 71.9

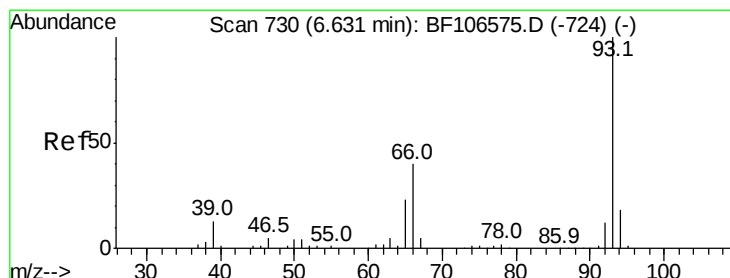
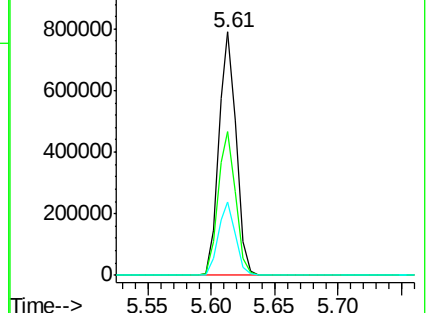
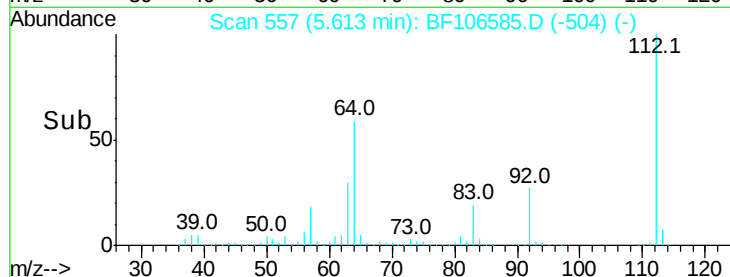
63 30.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.032 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

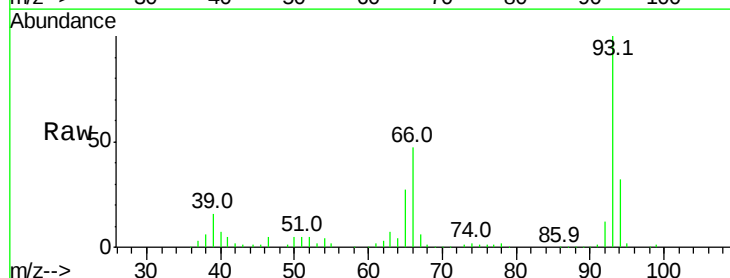
Tgt Ion: 93 Resp: 247710

Ion Ratio Lower Upper

93 100

66 47.0 32.2 48.2

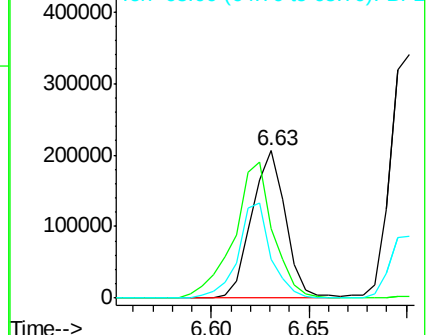
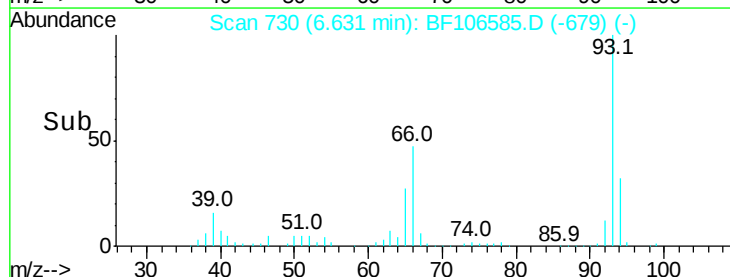
65 26.6 16.4 24.6#

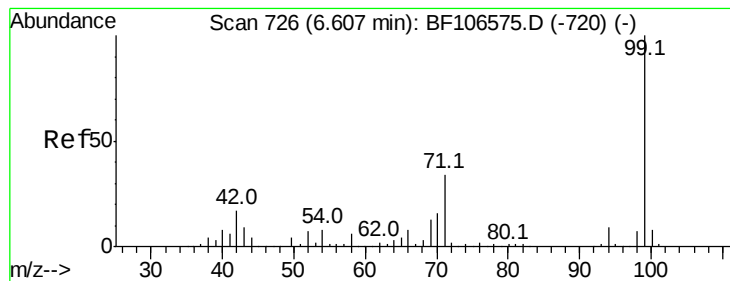


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.847 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampled :

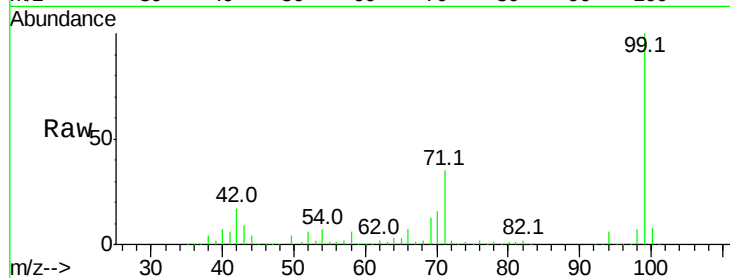
Tot Ion: 99 Resp: 971118

Ion Ratio Lower Upper

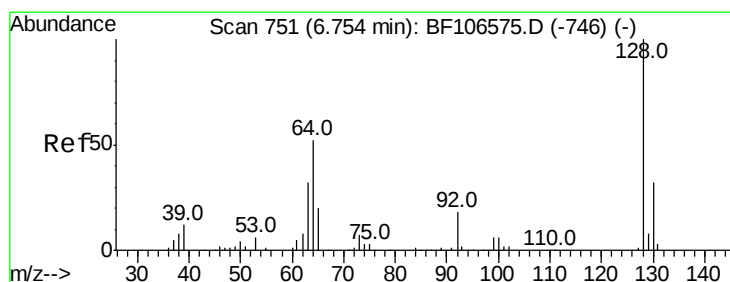
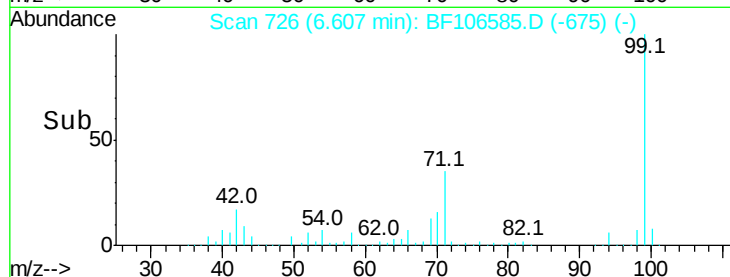
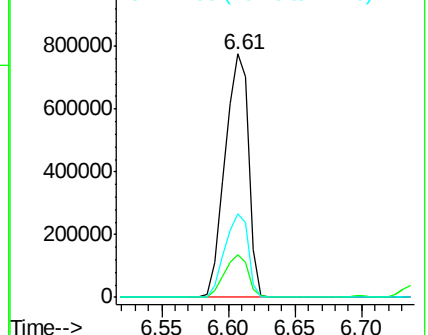
99 100

42 17.3 14.5 21.7

71 34.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.815 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

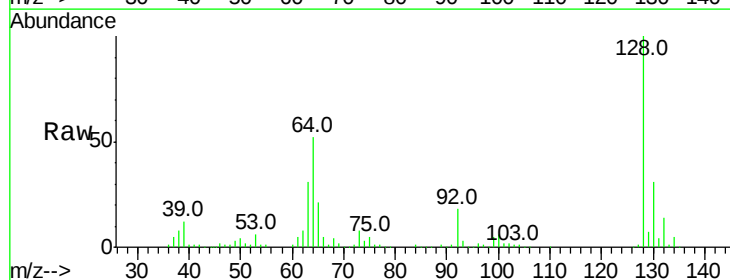
Tgt Ion:128 Resp: 295996

Ion Ratio Lower Upper

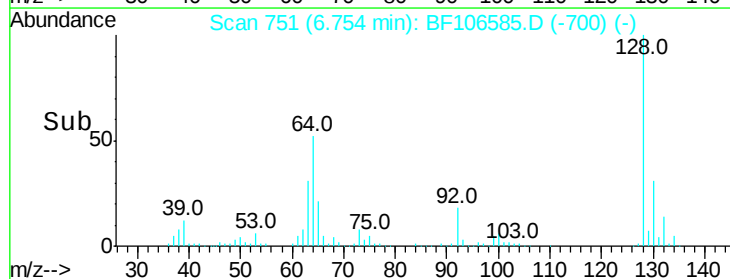
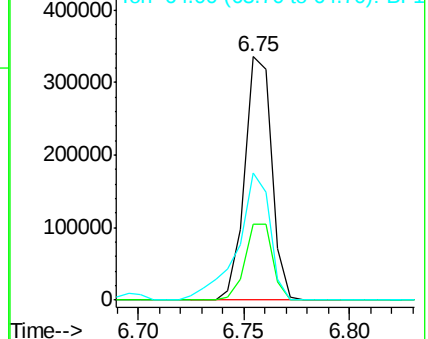
128 100

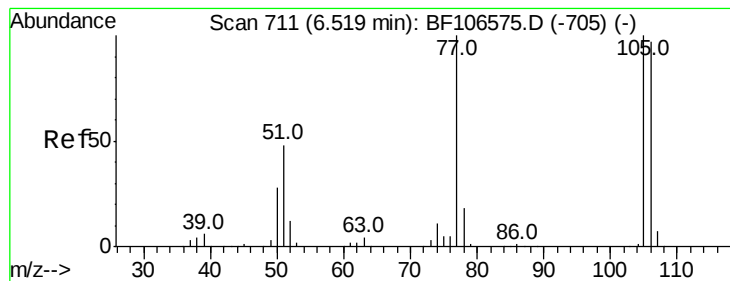
130 31.4 13.0 53.0

64 52.1 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: 29.703 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampled :

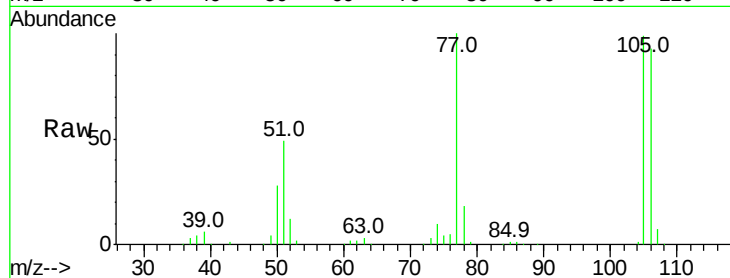
Tot Ion: 77 Resp: 188177

Ion Ratio Lower Upper

77 100

105 98.6 81.1 121.1

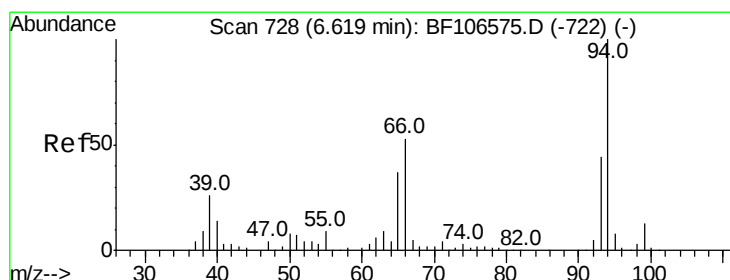
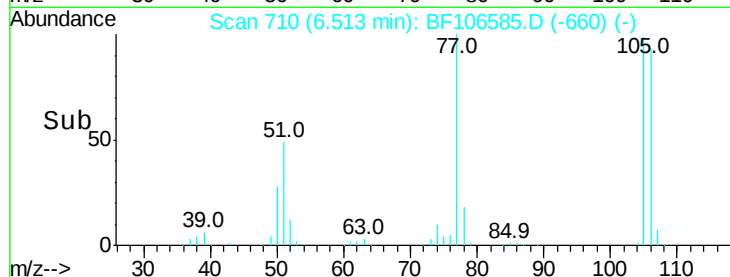
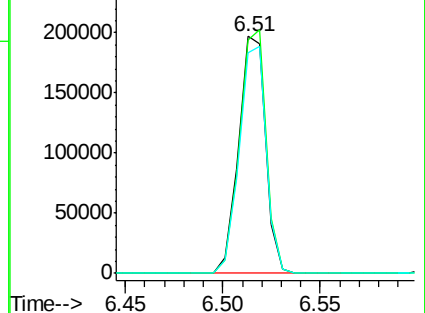
106 93.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.151 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

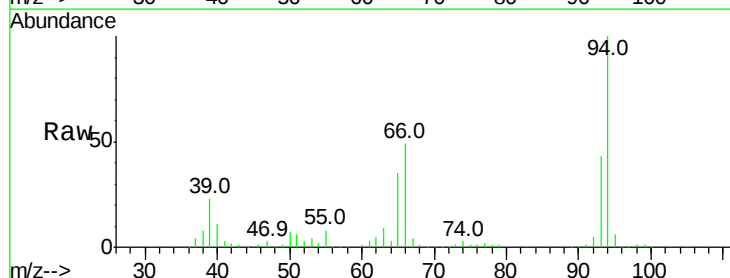
Tgt Ion: 94 Resp: 368122

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

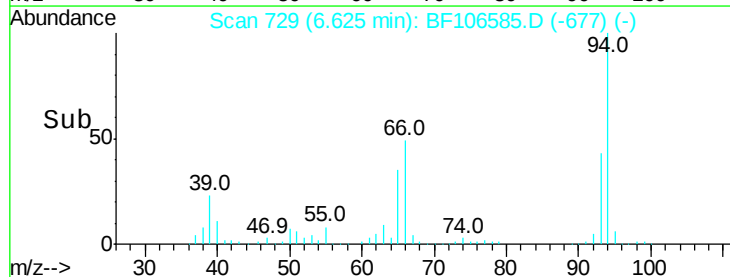
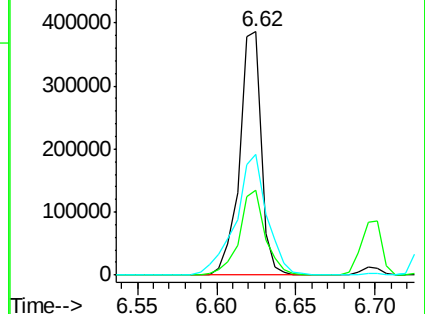
66 49.4 16.2 56.2

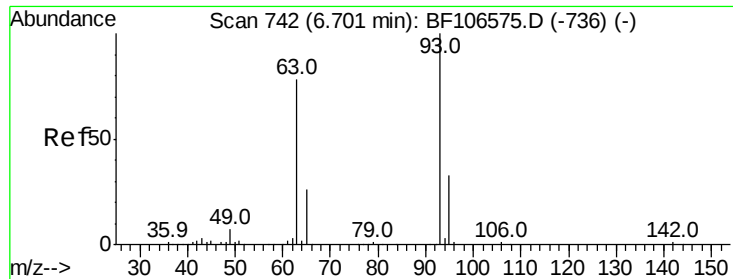


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

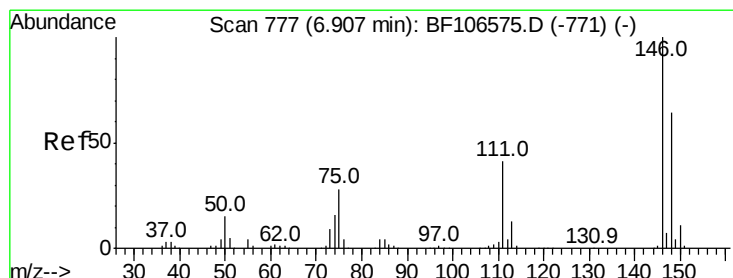
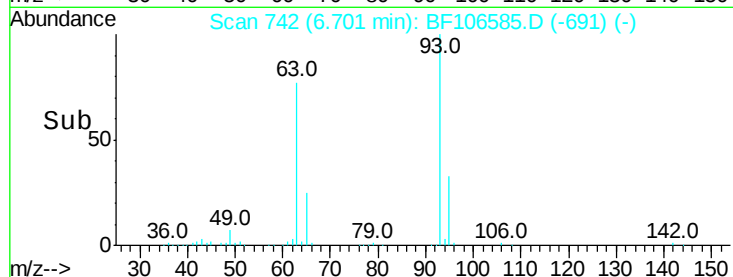
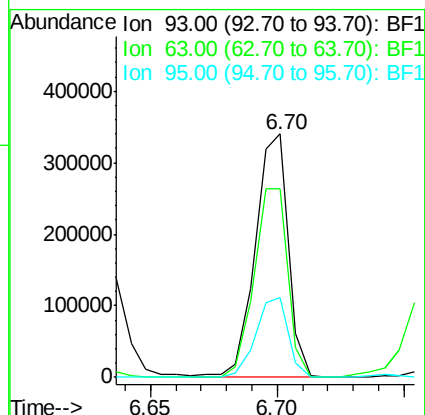
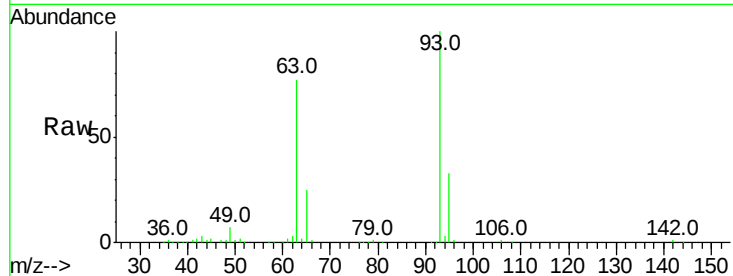




#11
bis(2-Chloroethyl)ether
Concen: 37.436 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

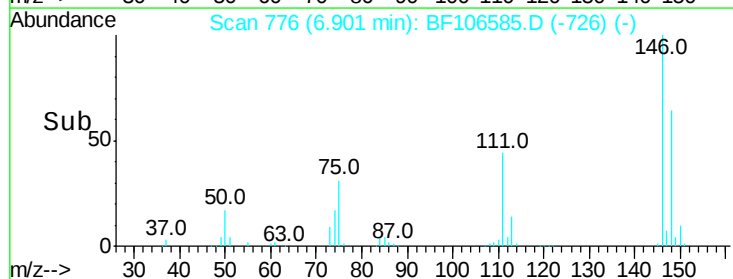
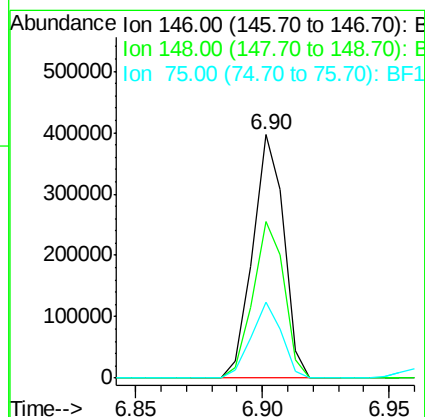
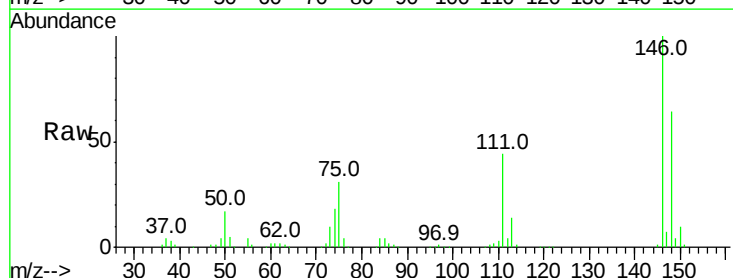
Instrument :
BNA_F
ClientSampleId :

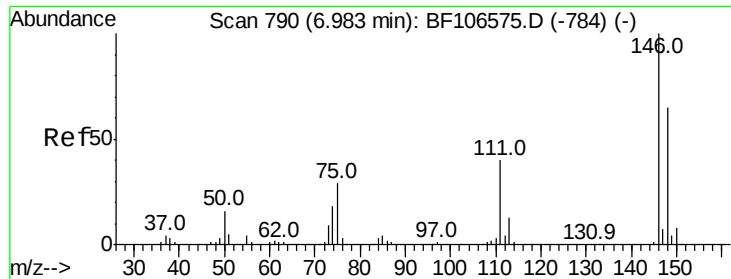
Tot Ion: 93 Resp: 306234
Ion Ratio Lower Upper
93 100
63 77.4 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.052 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 146 Resp: 339863
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 31.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.875 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampled :

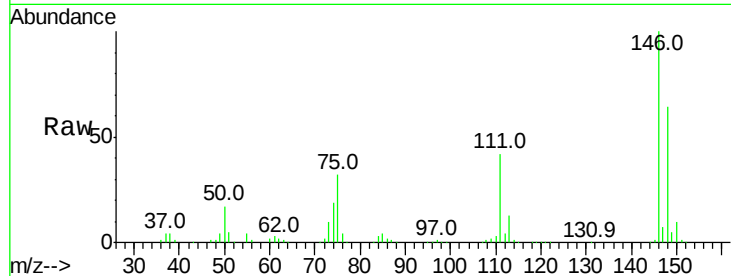
Tot Ion:146 Resp: 342005

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

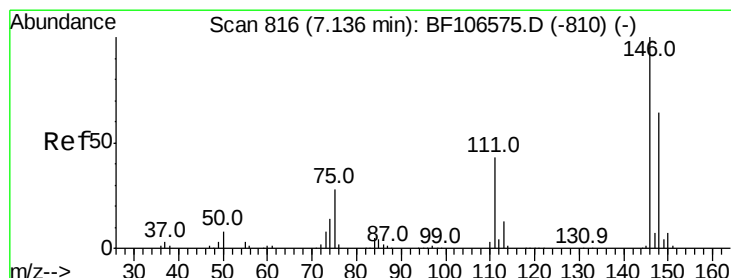
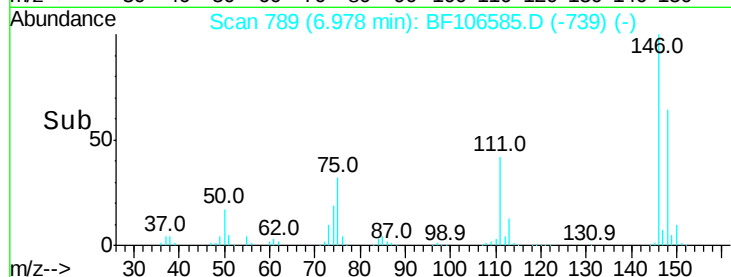
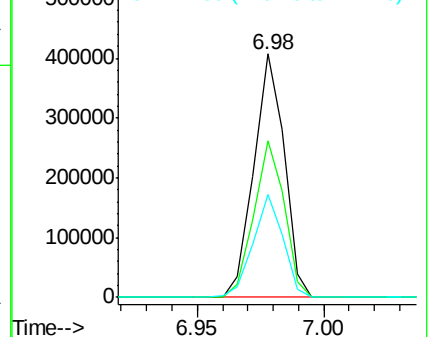
111 42.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.181 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

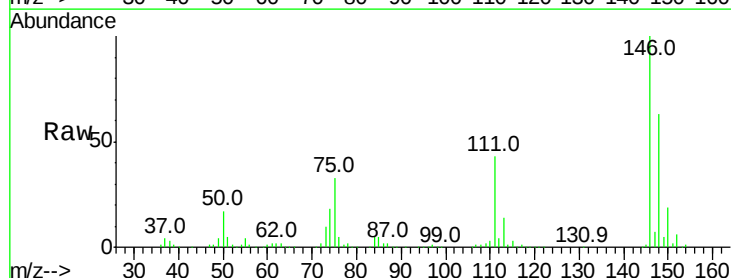
Tgt Ion:146 Resp: 315968

Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

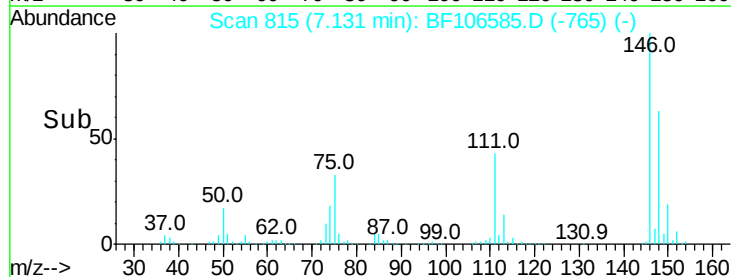
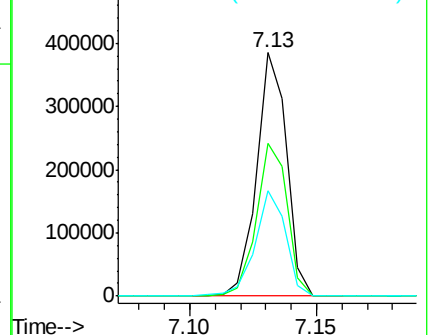
111 43.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

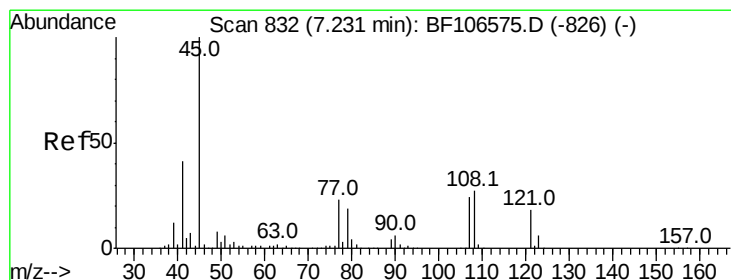
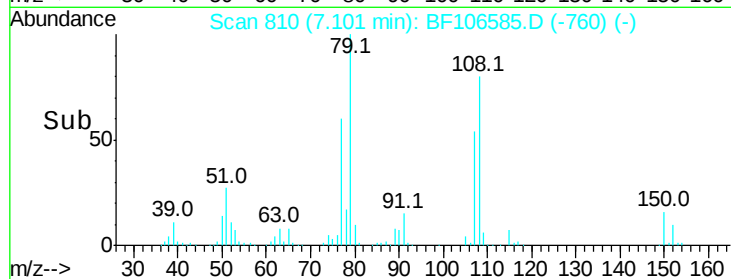
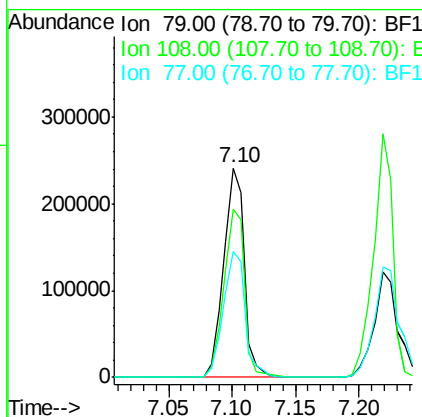
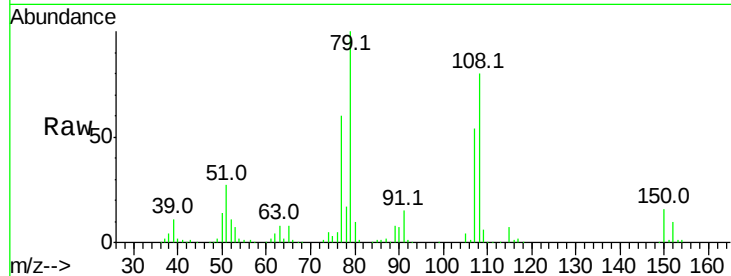




#15
Benzyl Alcohol
Concen: 38.990 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

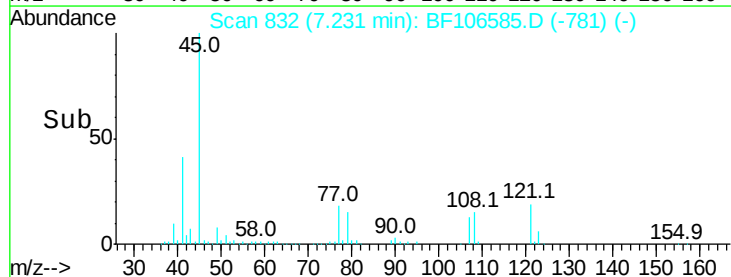
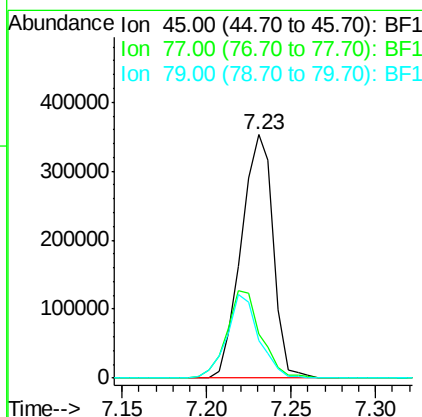
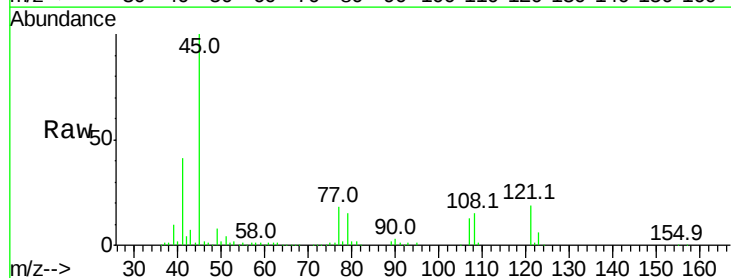
Instrument :
BNA_F
ClientSampleId :

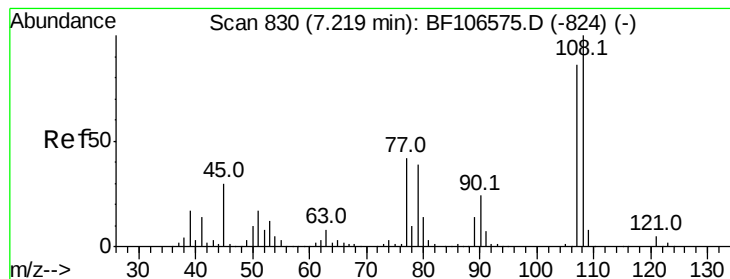
Tot Ion: 79 Resp: 271832
Ion Ratio Lower Upper
79 100
108 80.2 65.1 97.7
77 60.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.306 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 45 Resp: 464795
Ion Ratio Lower Upper
45 100
77 18.3 0.0 32.9
79 15.2 0.0 29.6





#17

2-Methylphenol

Concen: 40.069 ng

RT: 7.22 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 261492

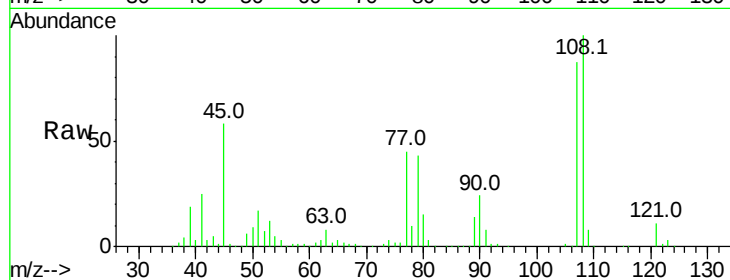
Ion Ratio Lower Upper

107 100

108 114.5 91.7 137.5

77 51.9 33.8 50.8#

79 49.7 33.8 50.8

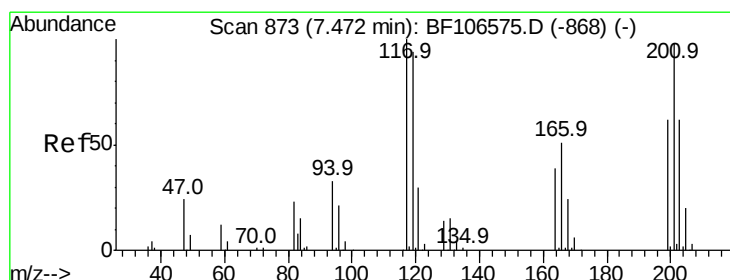
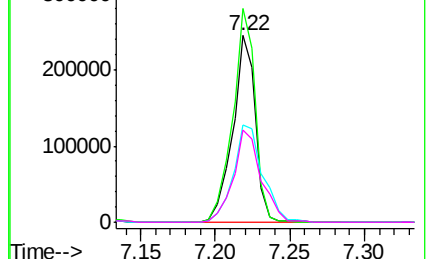
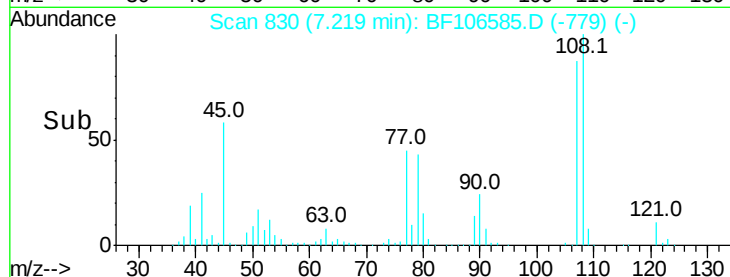


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.825 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

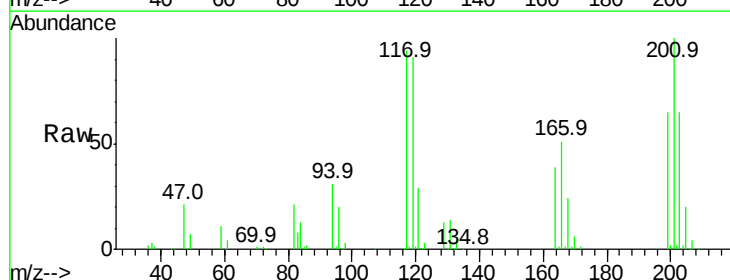
Tgt Ion:117 Resp: 123284

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

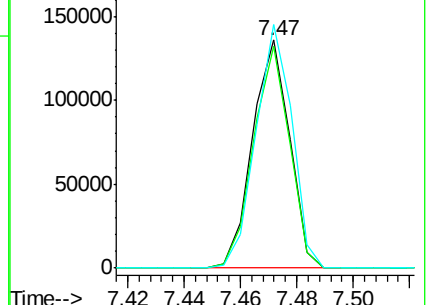
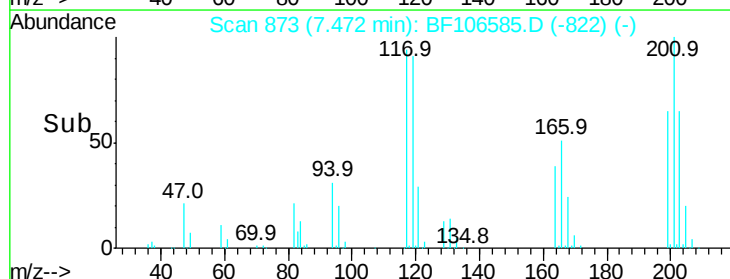
201 106.8 75.7 113.5

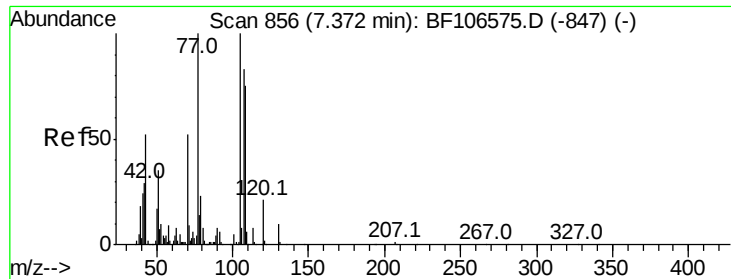


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

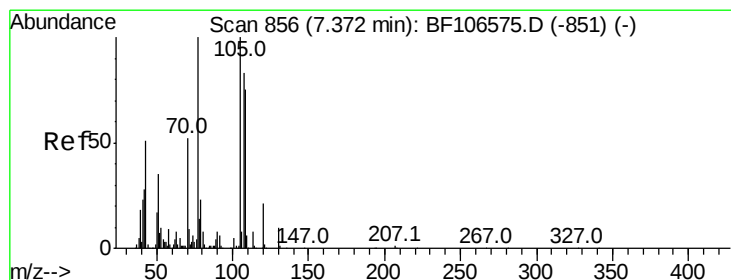
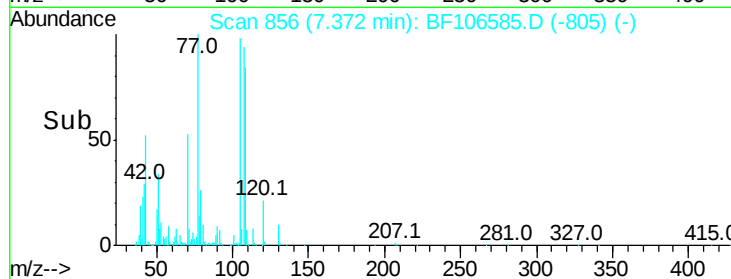
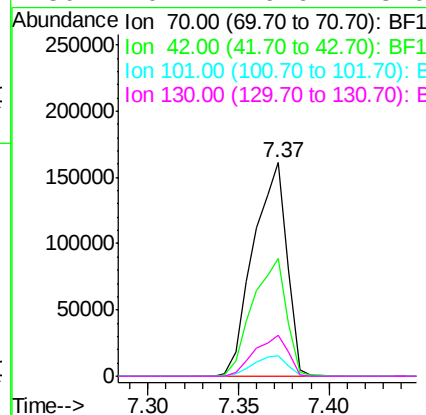
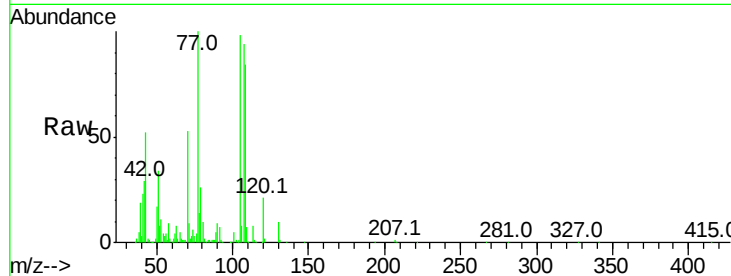




#19
n-Nitroso-di-n-propylamine
Concen: 36.242 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

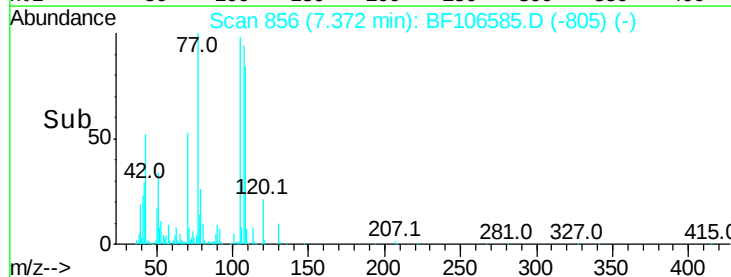
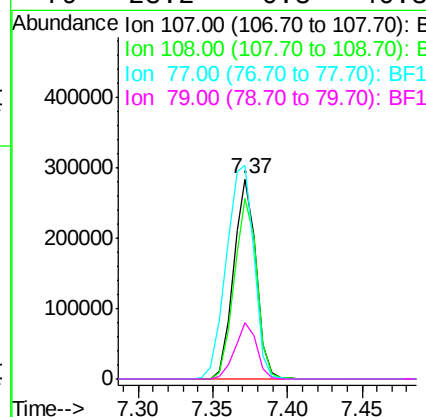
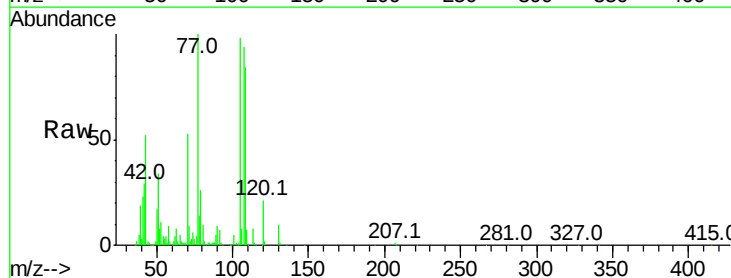
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 207422
Ion Ratio Lower Upper
70 100
42 55.2 47.5 71.3
101 9.6 7.4 11.2
130 19.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.303 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 107 Resp: 303068
Ion Ratio Lower Upper
107 100
108 90.2 68.2 108.2
77 106.8 26.7 66.7#
79 28.2 6.3 46.3

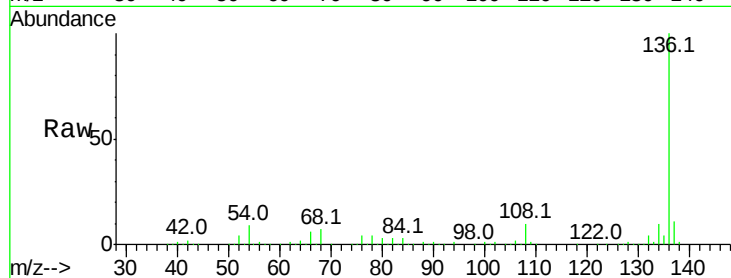




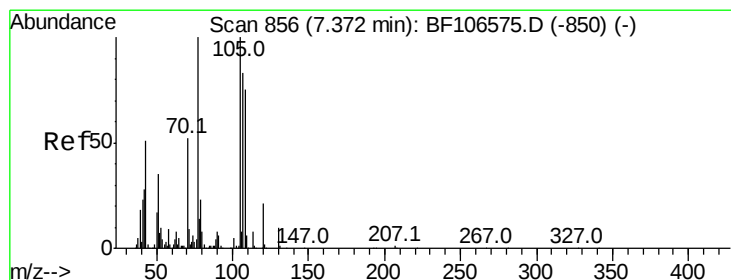
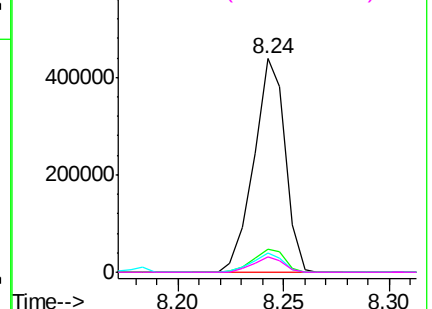
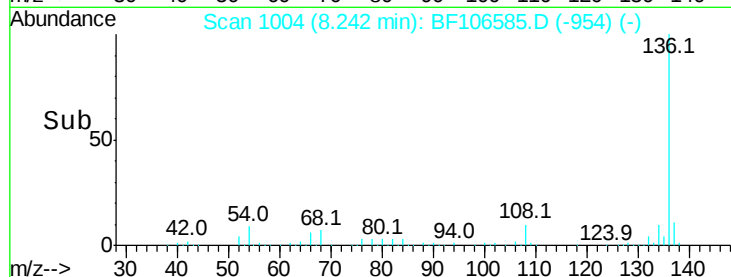
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	451161
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	8.9	6.6 9.8
68	7.1	5.0 7.4

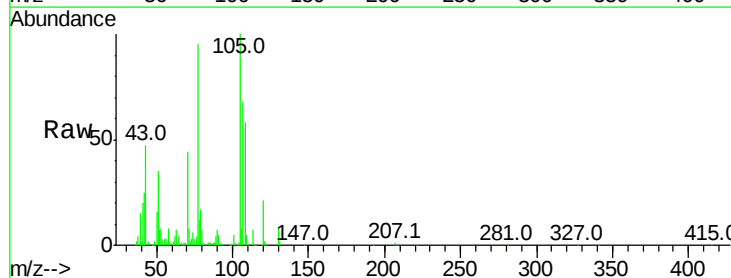


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

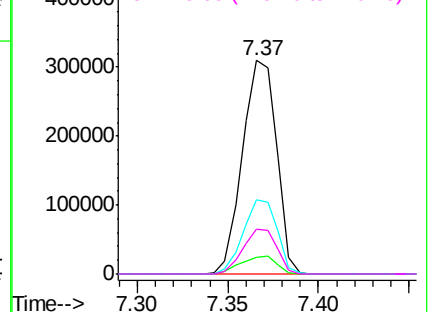
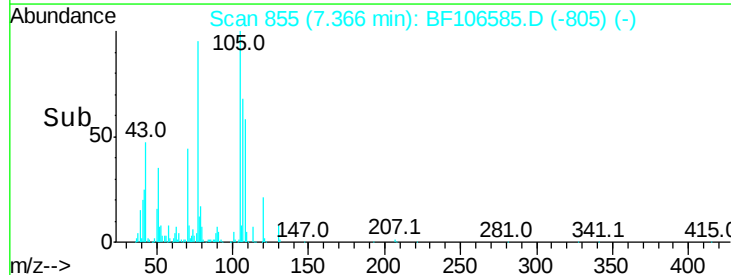


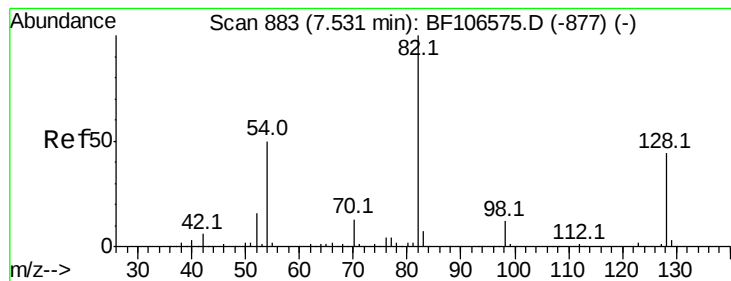
#22
Acetophenone
Concen: 40.043 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:105	Resp:	404177
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.4 6.6#
51	34.6	22.3 33.5#
120	21.1	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: 83.331 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

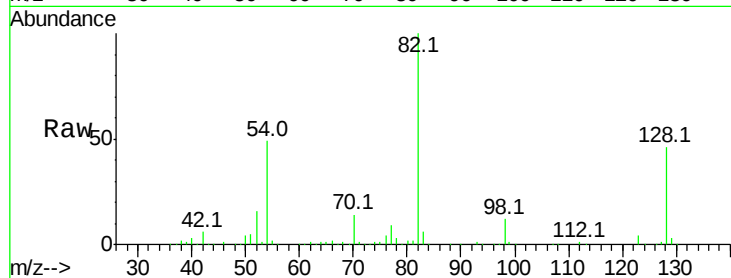
Tot Ion: 82 Resp: 676501

Ion Ratio Lower Upper

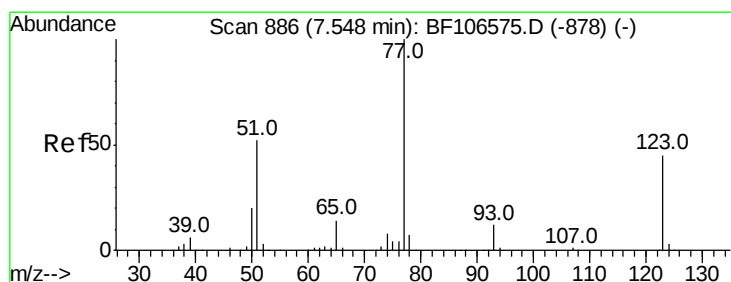
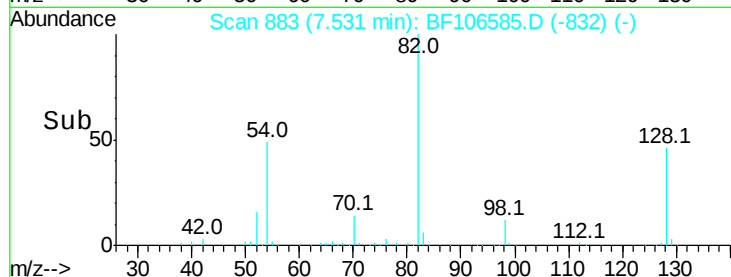
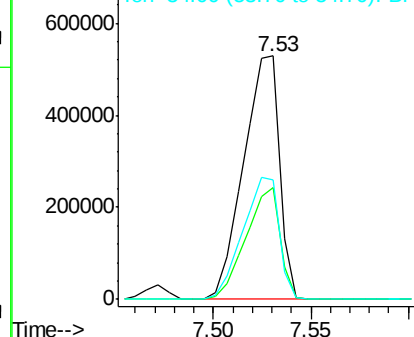
82 100

128 45.8 36.1 54.1

54 48.9 41.4 62.2



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



#24

Nitrobenzene

Concen: 41.009 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

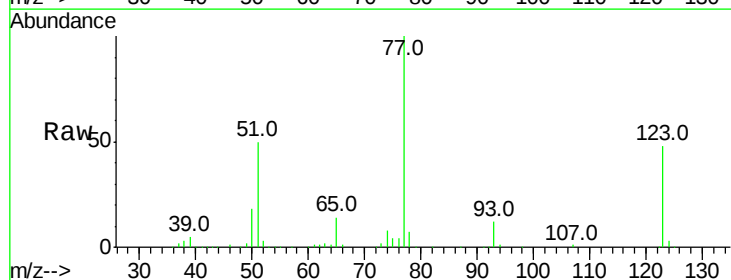
Tgt Ion: 77 Resp: 339902

Ion Ratio Lower Upper

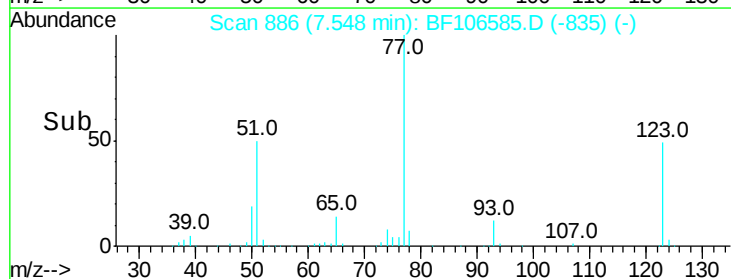
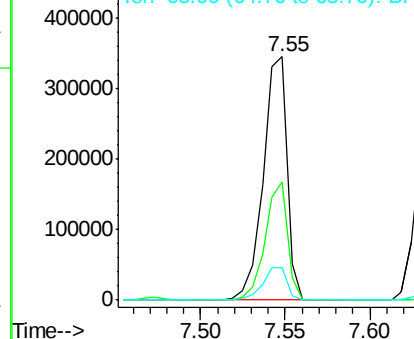
77 100

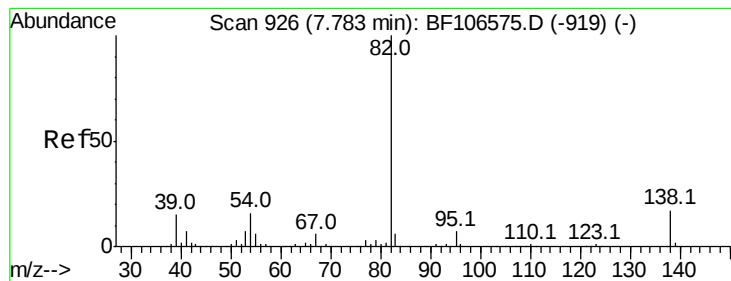
123 48.3 37.9 56.9

65 13.5 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: 43.788 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

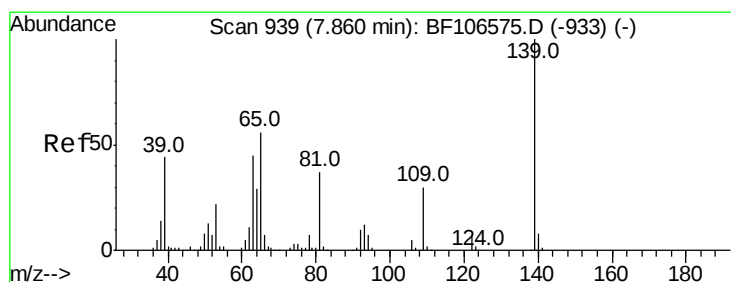
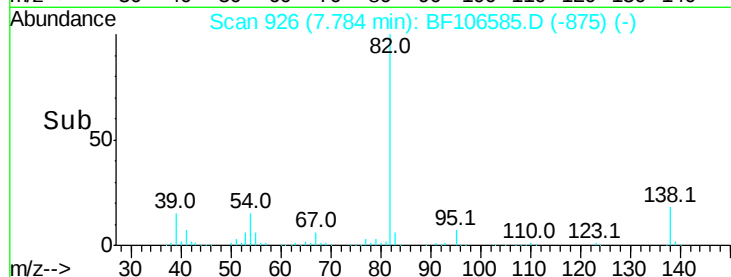
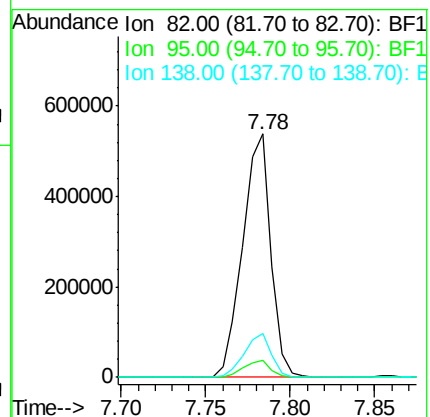
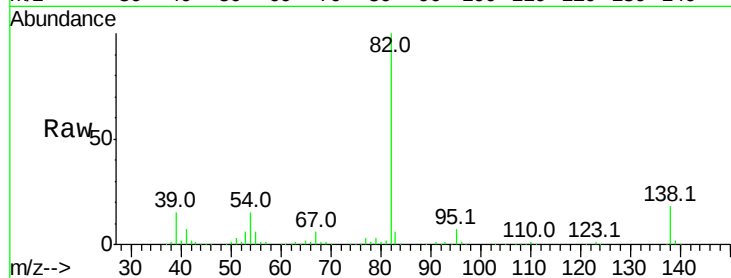
Tot Ion: 82 Resp: 626412

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 43.626 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

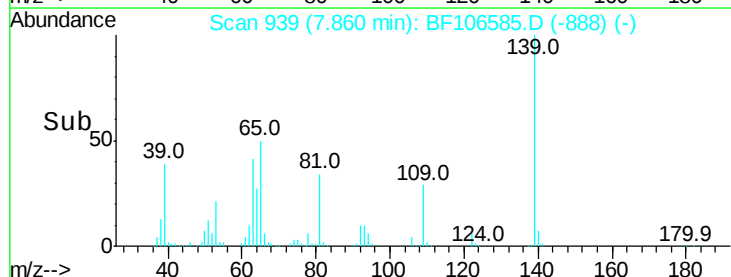
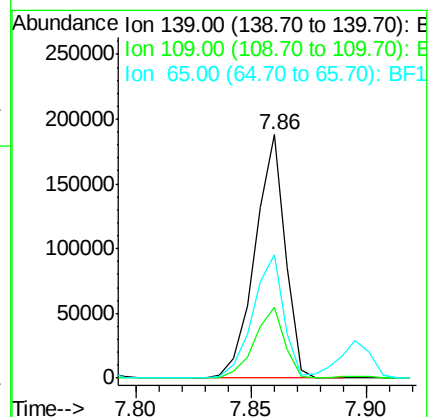
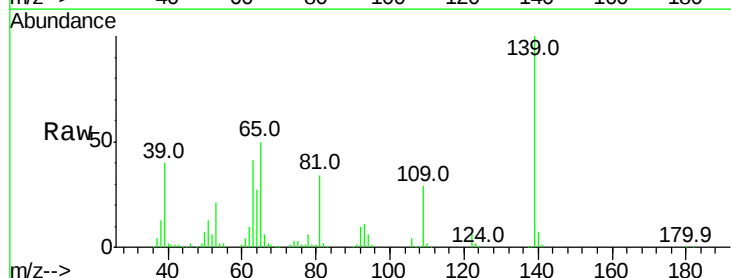
Tgt Ion:139 Resp: 170694

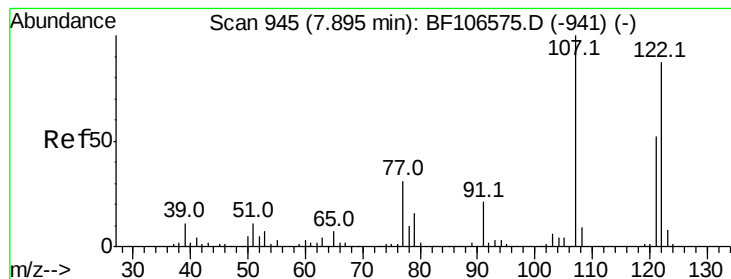
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 50.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.548 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampleId :

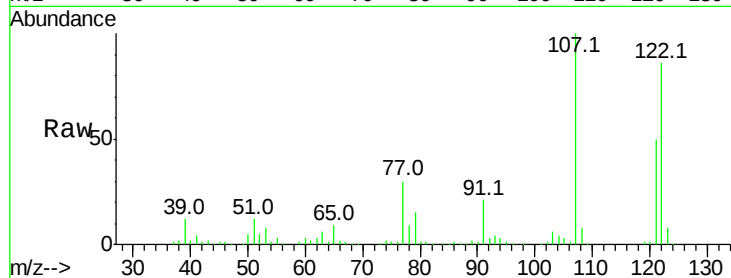
Tot Ion:122 Resp: 281506

Ion Ratio Lower Upper

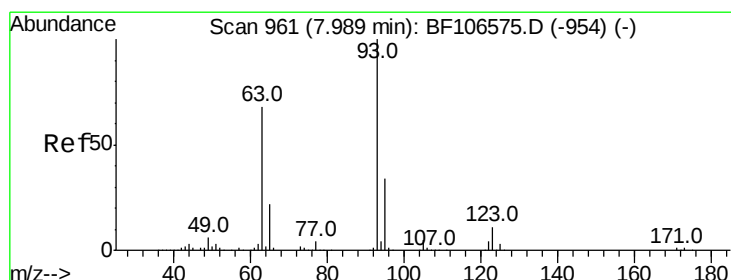
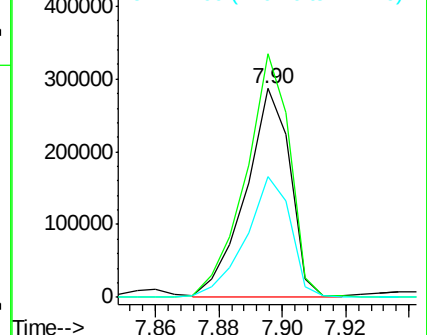
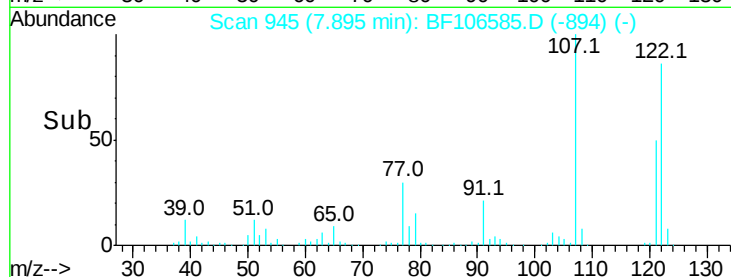
122 100

107 116.6 91.2 136.8

121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.292 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

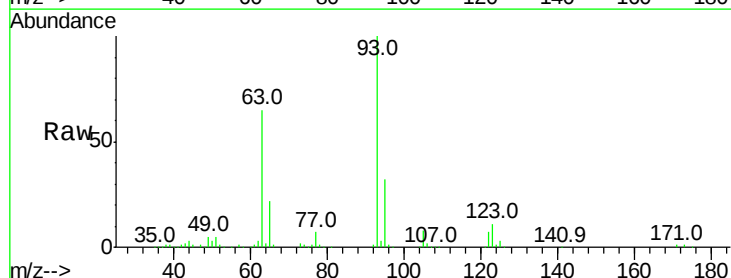
Tgt Ion: 93 Resp: 396612

Ion Ratio Lower Upper

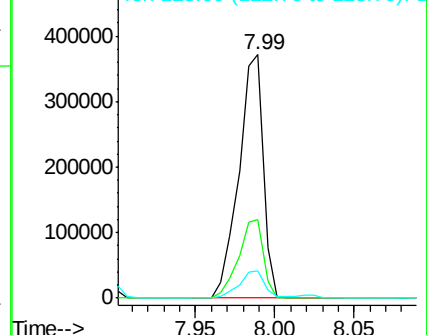
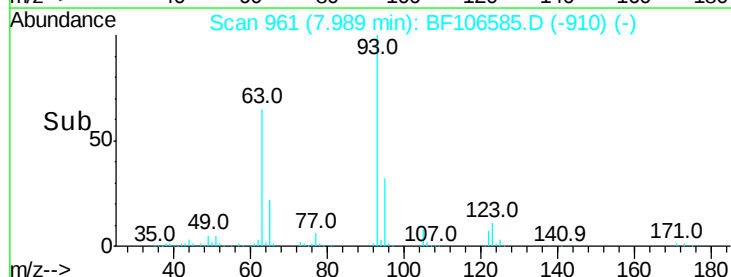
93 100

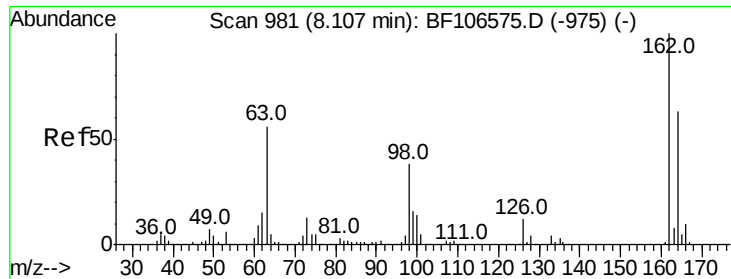
95 32.2 26.3 39.5

123 11.2 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

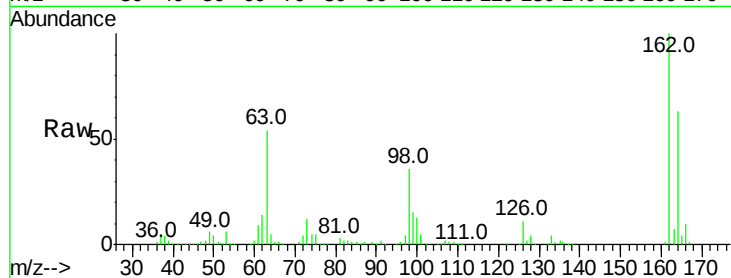




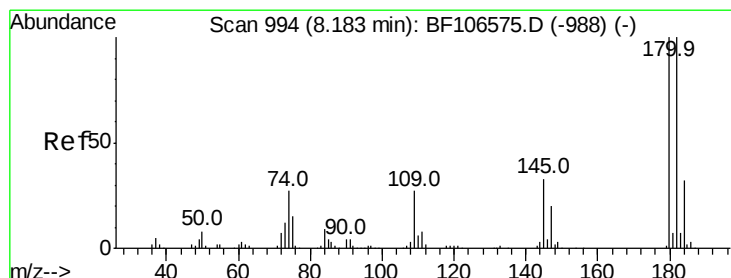
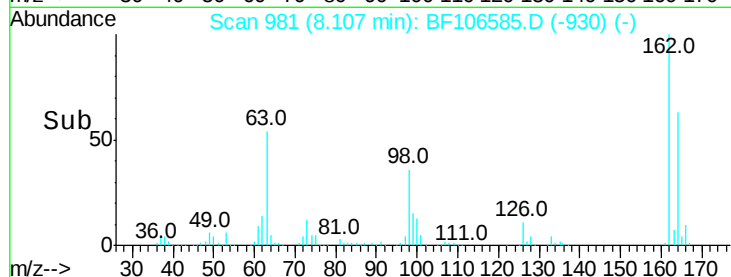
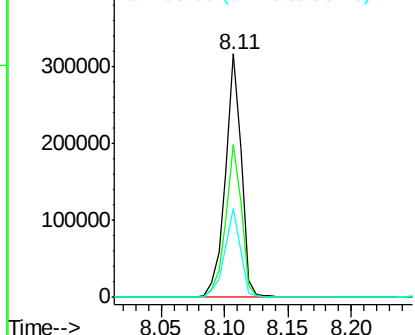
#29
 2,4-Dichlorophenol
 Concen: 43.705 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 276719
 Ion Ratio Lower Upper
 162 100
 164 62.7 42.7 82.7
 98 36.2 18.1 58.1

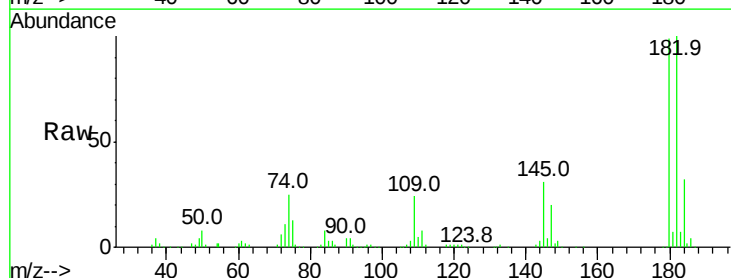


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

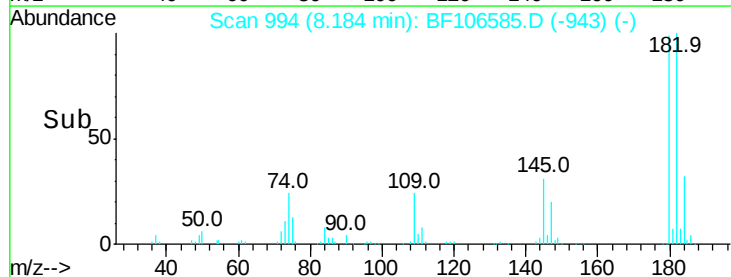
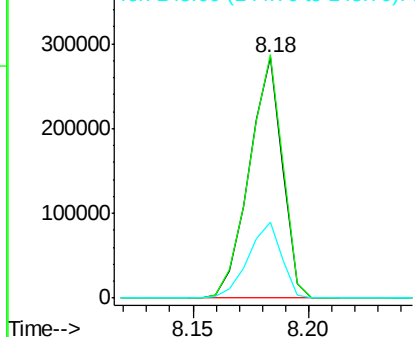


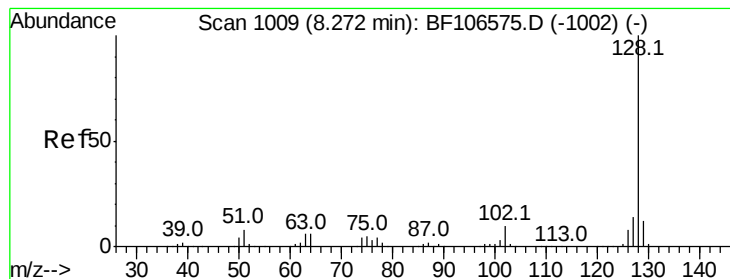
#30
 1,2,4-Trichlorobenzene
 Concen: 40.755 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:180 Resp: 284263
 Ion Ratio Lower Upper
 180 100
 182 101.3 76.8 115.2
 145 31.6 26.5 39.7



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





#31

Naphthalene

Concen: 40.817 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

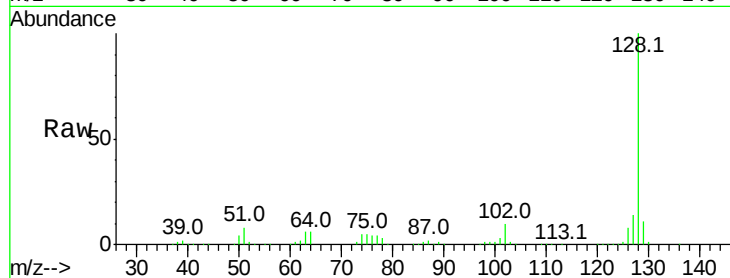
Tot Ion:128 Resp: 860964

Ion Ratio Lower Upper

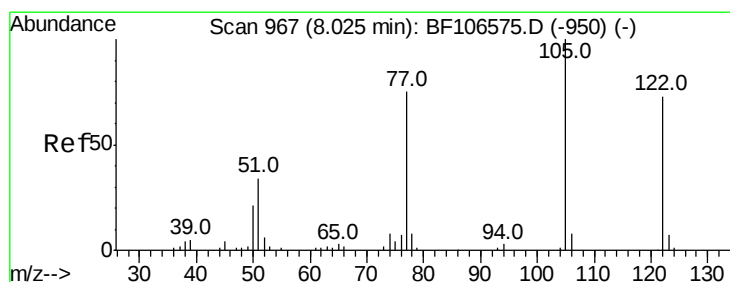
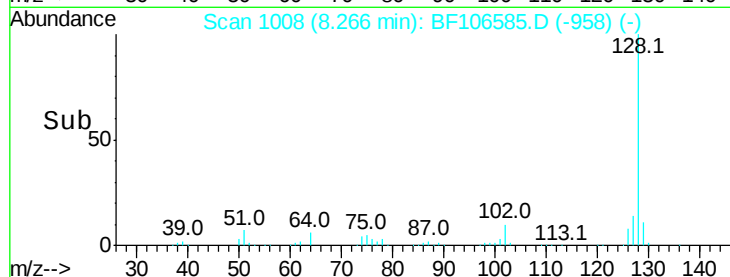
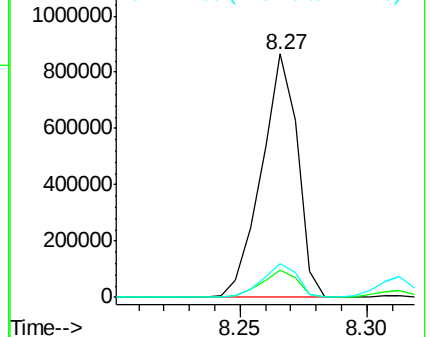
128 100

129 11.4 8.8 13.2

127 13.6 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: 36.074 ng

RT: 8.02 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

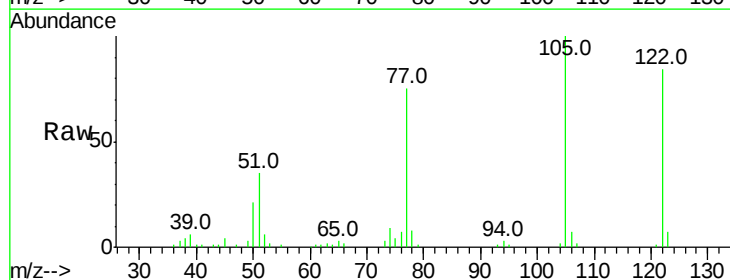
Tgt Ion:122 Resp: 151575

Ion Ratio Lower Upper

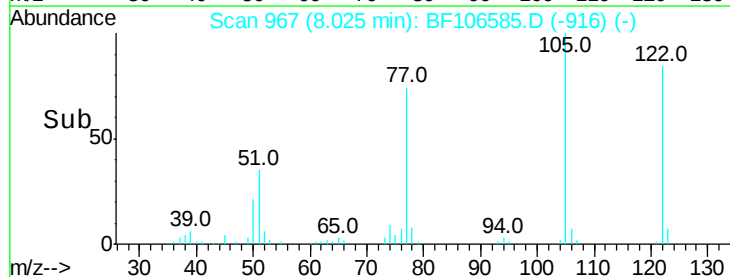
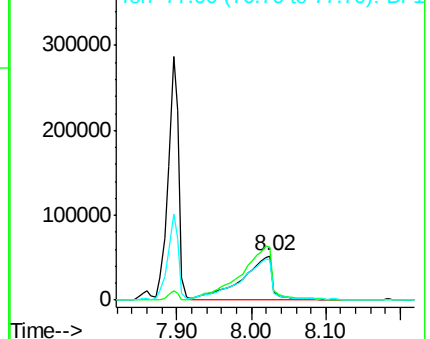
122 100

105 119.1 101.1 141.1

77 89.7 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

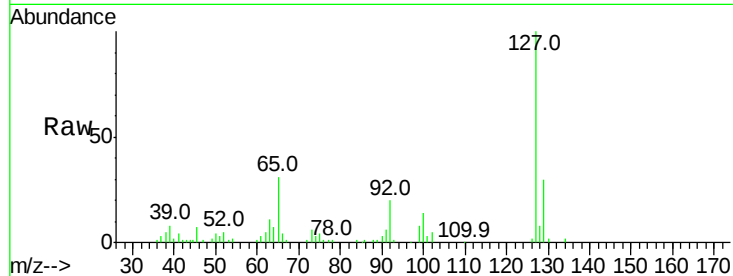




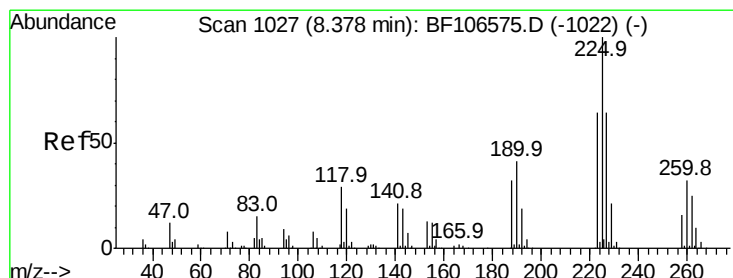
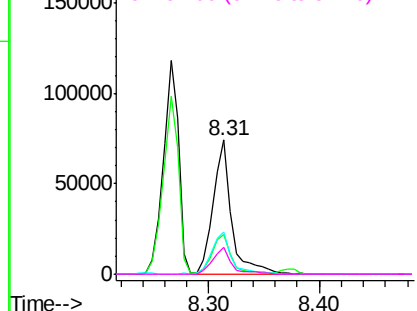
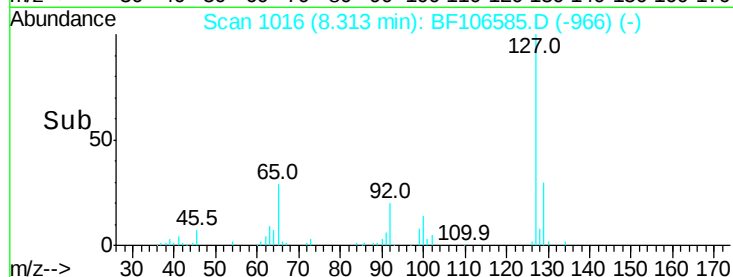
#33
4-Chloroaniline
Concen: 9.584 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	84821
Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.9	38.9
65	31.5	25.0	37.4
92	20.2	15.2	22.8

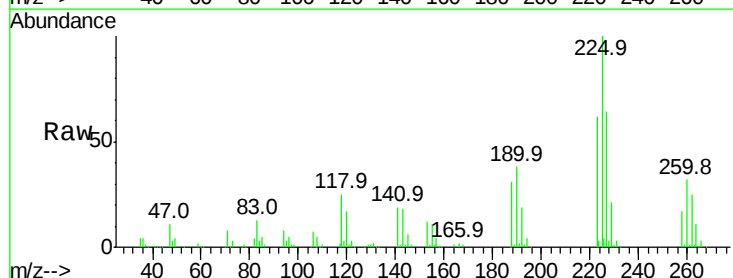


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

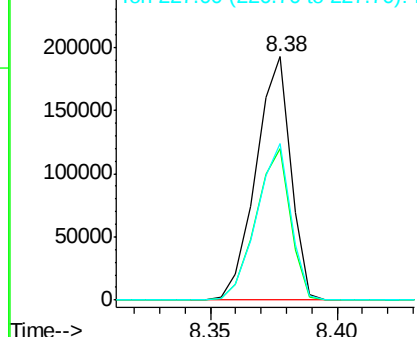
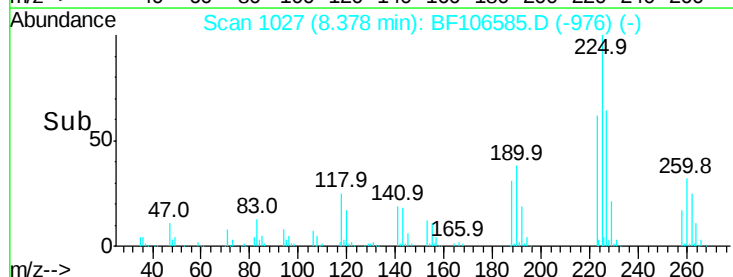


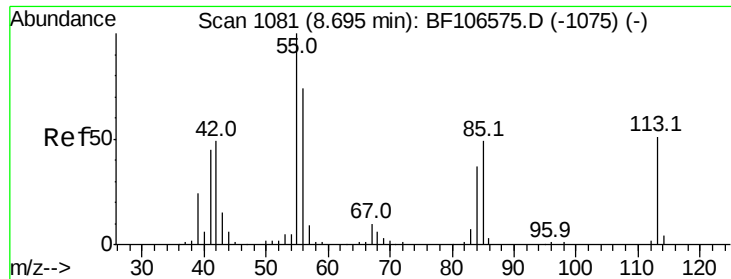
#34
Hexachlorobutadiene
Concen: 40.547 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:	225	Resp:	184280
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.3	51.9	77.9



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

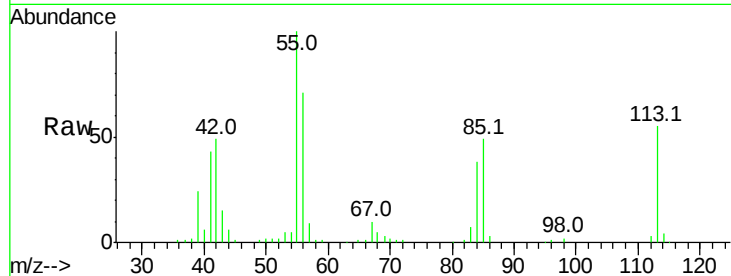




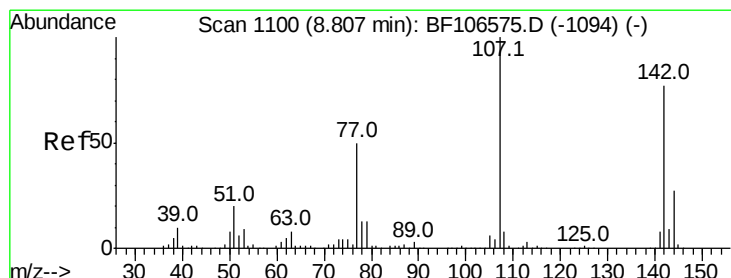
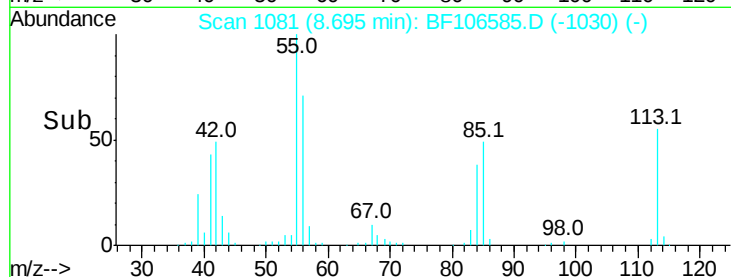
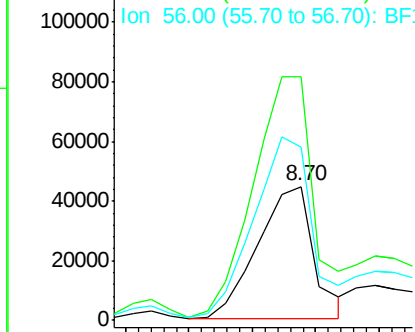
#35
 Caprolactam
 Concen: 26.441 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 54571
 Ion Ratio Lower Upper
 113 100
 55 181.5 163.3 203.3
 56 129.4 115.7 155.7

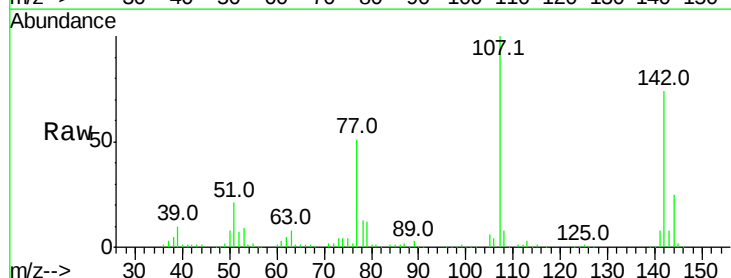


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

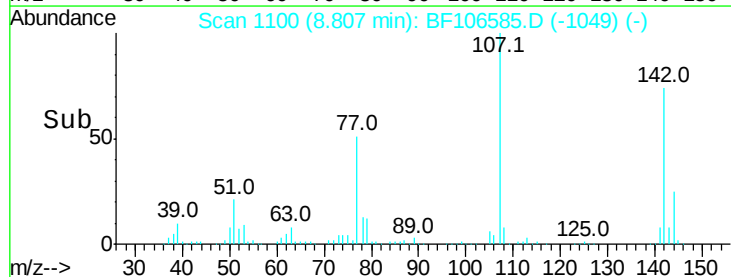
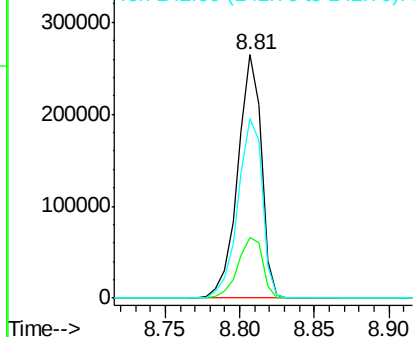


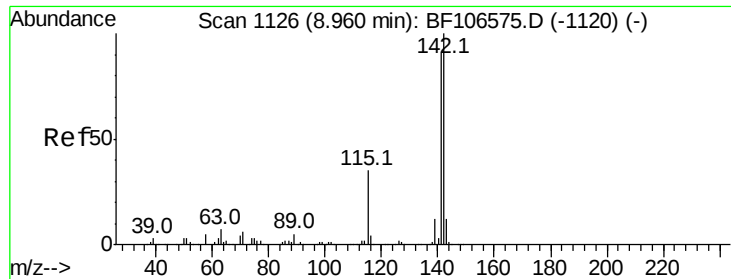
#36
 4-Chloro-3-methylphenol
 Concen: 43.770 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:107 Resp: 291700
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 73.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.896 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

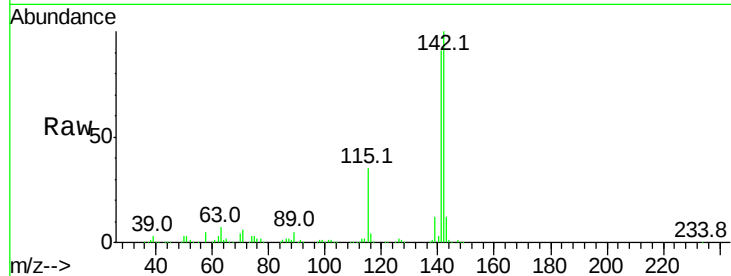
Tot Ion:142 Resp: 599736

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

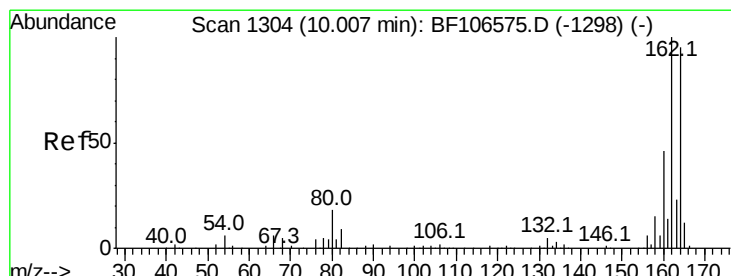
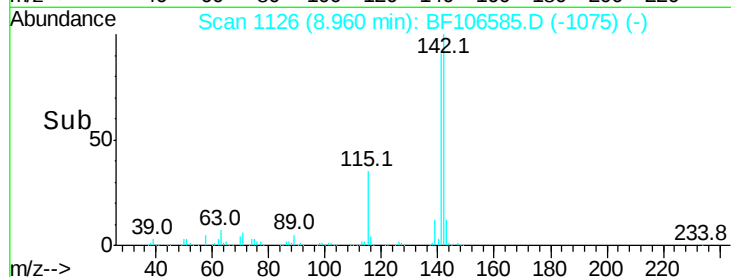
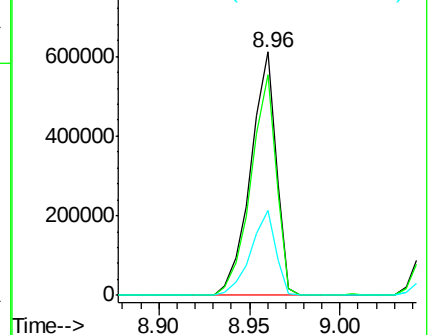
115 35.1 26.1 39.1



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: BF106585.D

Acq: 19 Jun 2018 16:40

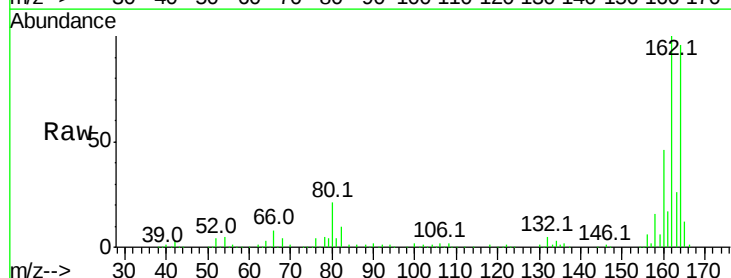
Tgt Ion:164 Resp: 225274

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

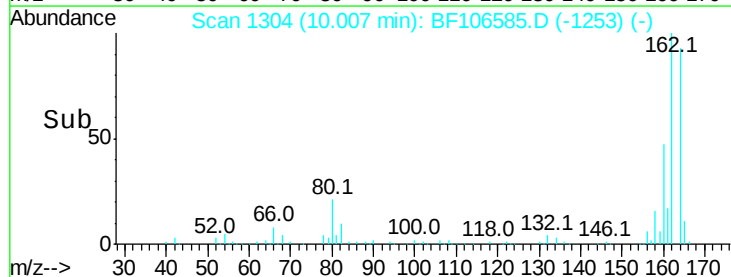
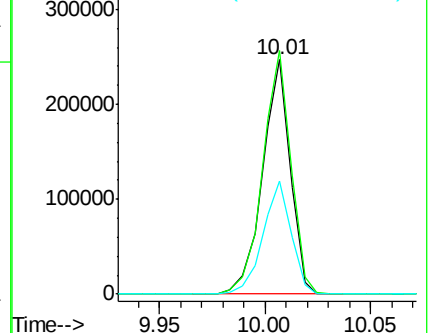
160 48.3 38.3 57.5

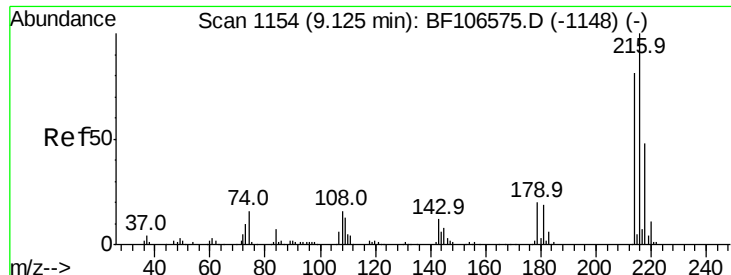


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

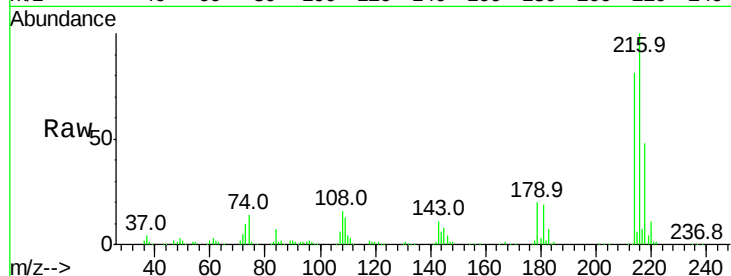




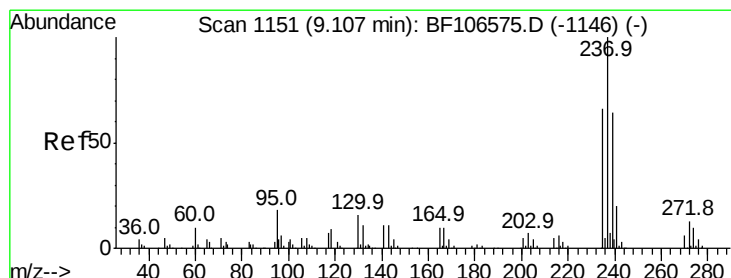
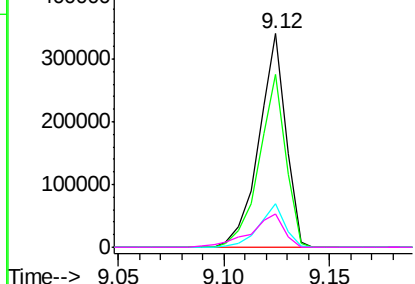
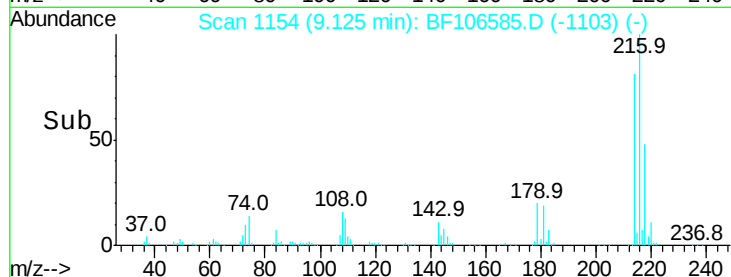
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.765 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	301677
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	19.6	18.1	27.1
108	19.0	17.2	25.8

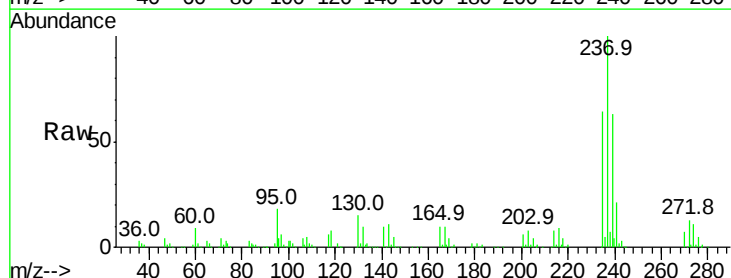


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

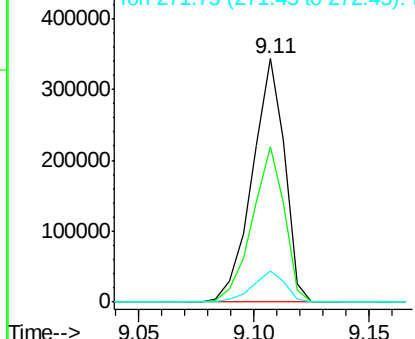
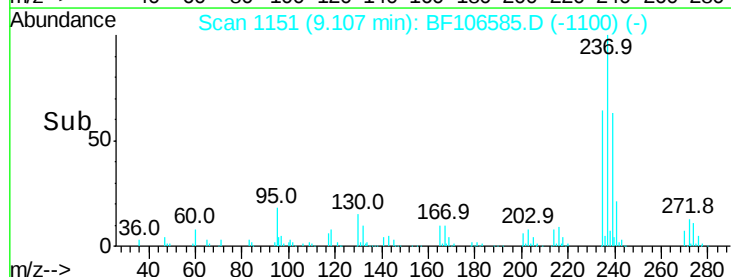


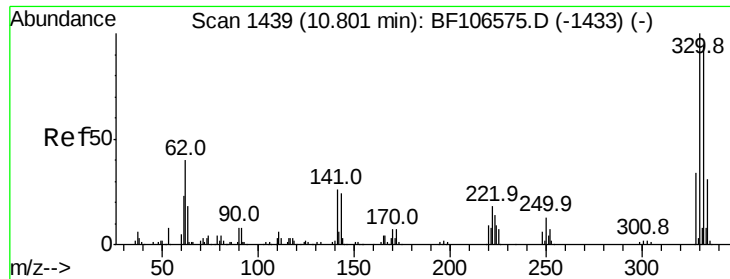
#40
 Hexachlorocyclopentadiene
 Concen: 85.974 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:	237	Resp:	335579
Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.0	0.0	33.3



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

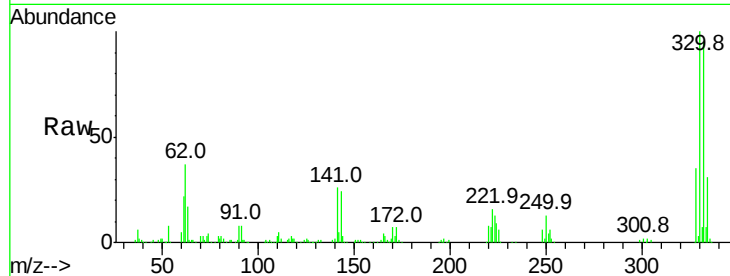




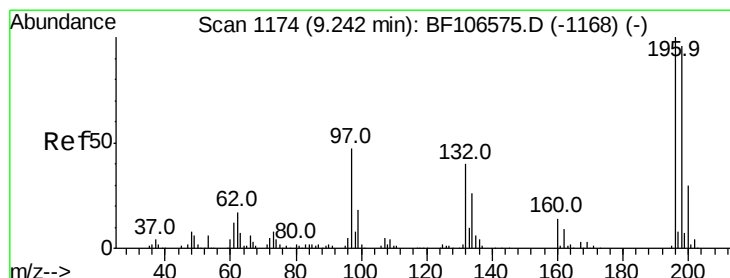
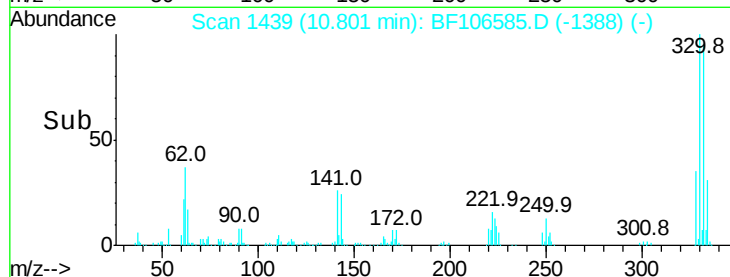
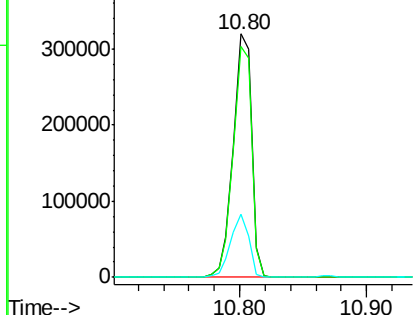
#41
 2,4,6-Tribromophenol
 Concen: 122.502 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	25.8	29.9	44.9#

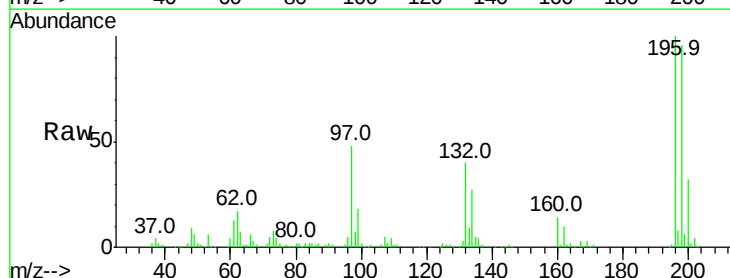


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

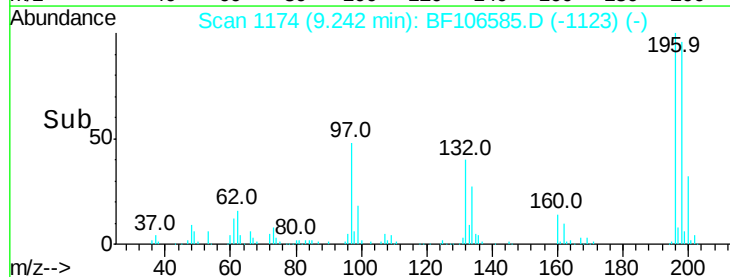
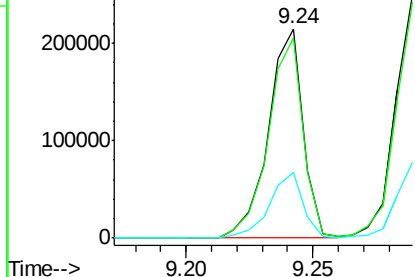


#42
 2,4,6-Trichlorophenol
 Concen: 41.051 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.6	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

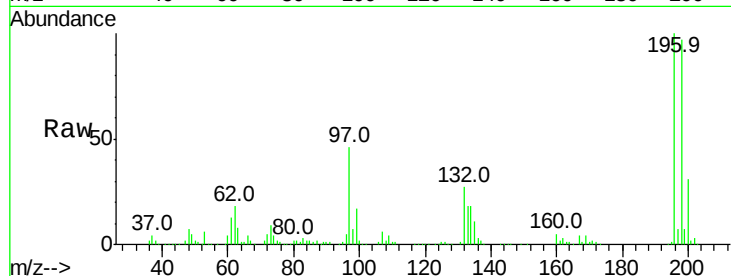




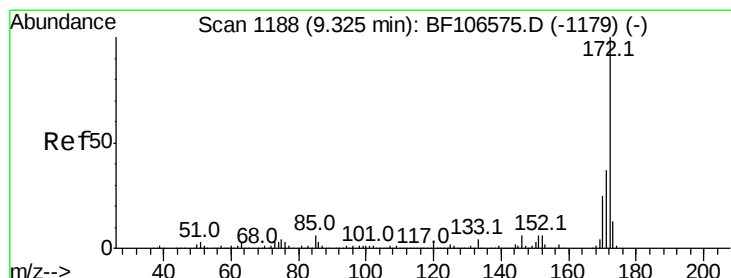
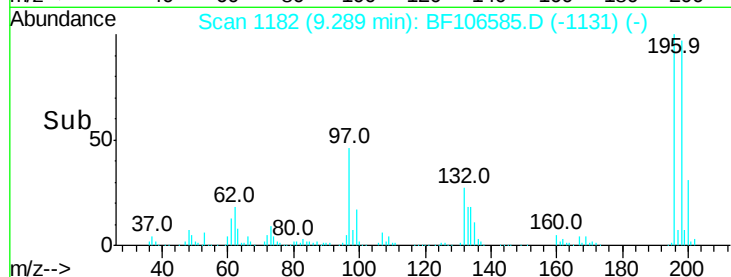
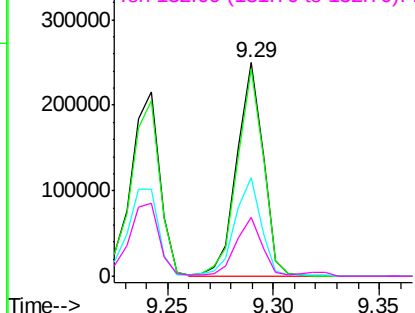
#43
2,4,5-Trichlorophenol
Concen: 40.894 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	74.6	112.0
97	46.3	42.9	64.3
132	27.4	26.3	39.5

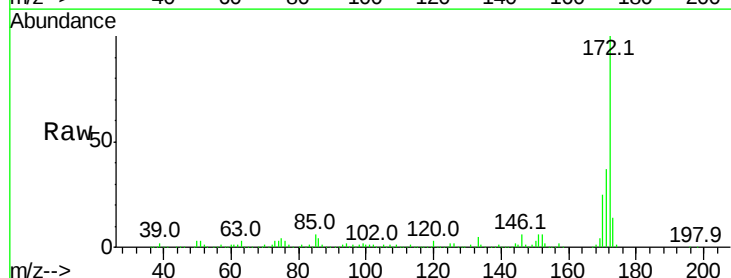


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

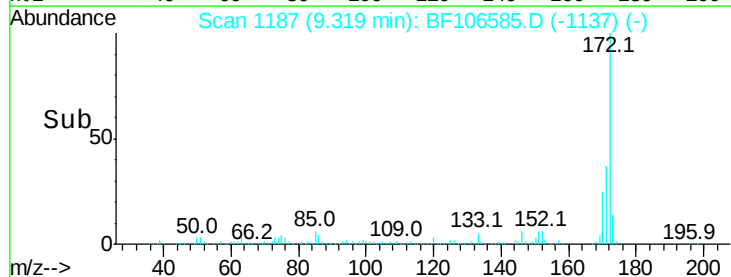
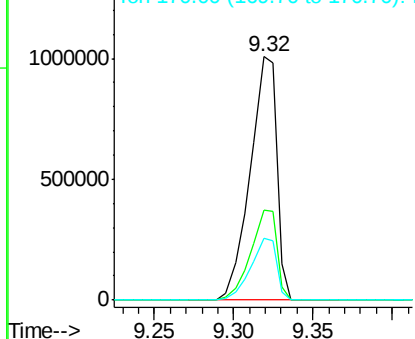


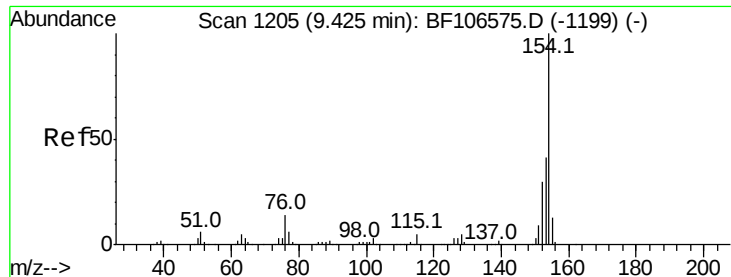
#44
2-Fluorobiphenyl
Concen: 89.254 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.4	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: 39.039 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampled :

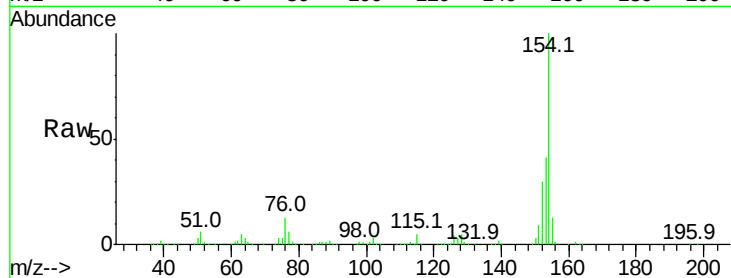
Tot Ion:154 Resp: 700880

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

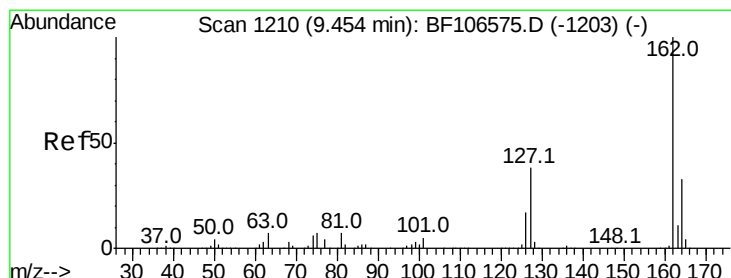
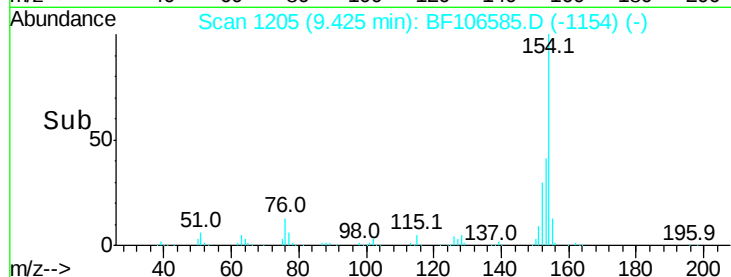
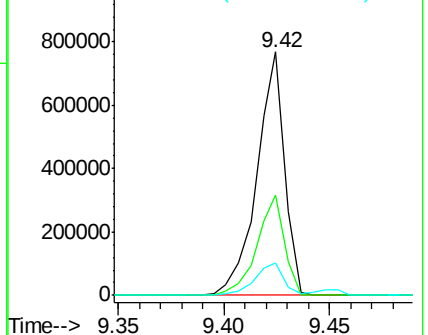
76 13.4 0.0 34.0



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: 40.118 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

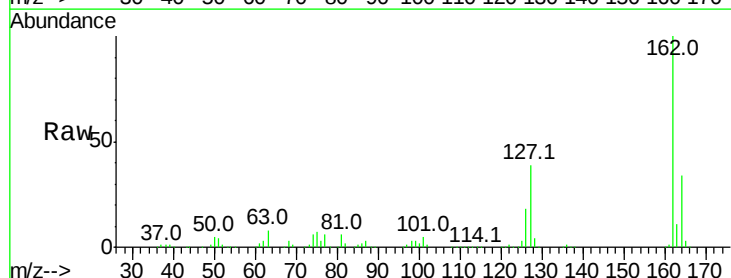
Tgt Ion:162 Resp: 566940

Ion Ratio Lower Upper

162 100

127 39.0 33.9 50.9

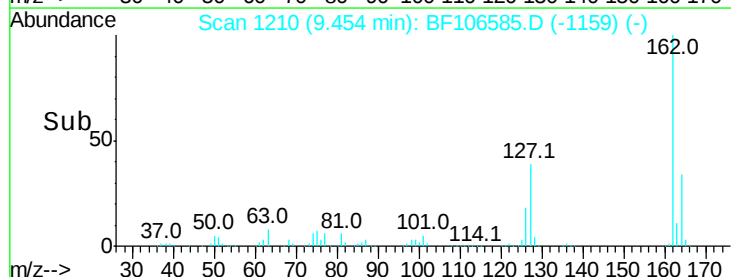
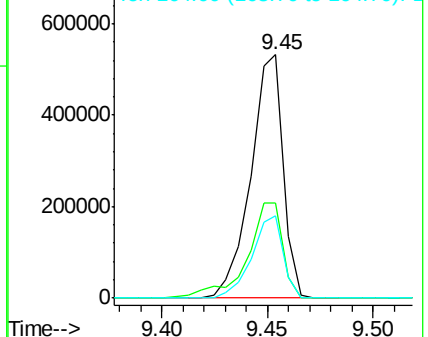
164 33.9 26.5 39.7



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

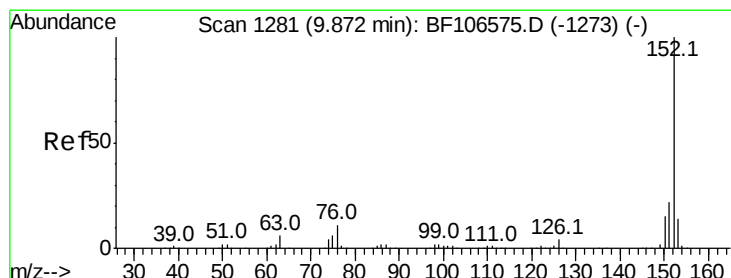
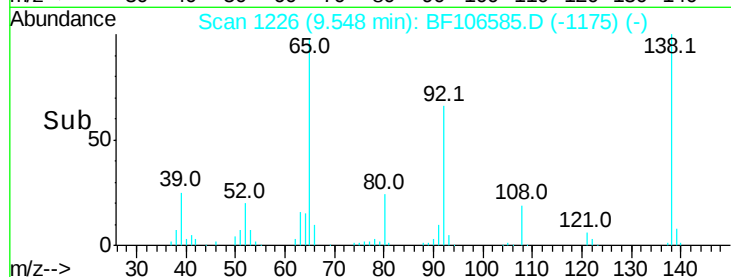
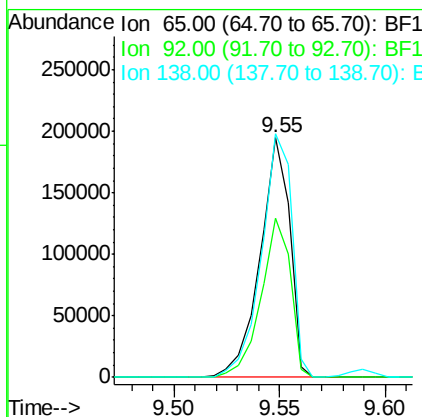
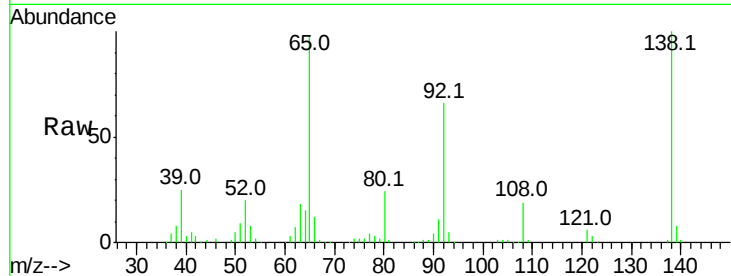




#47
2-Nitroaniline
Concen: 40.295 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

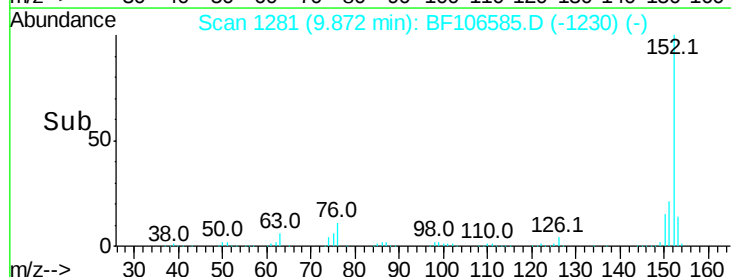
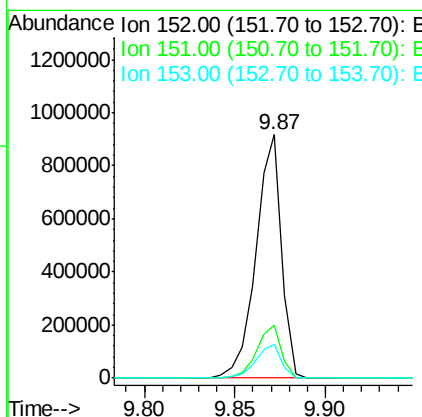
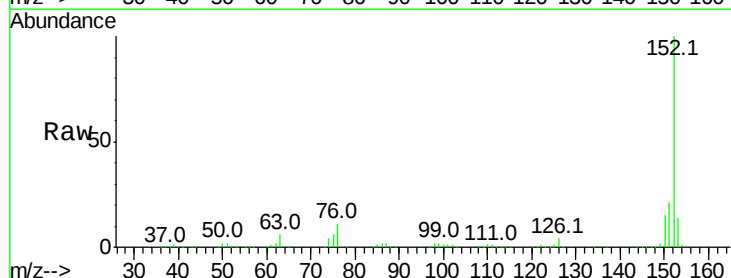
Instrument :
BNA_F
ClientSampled :

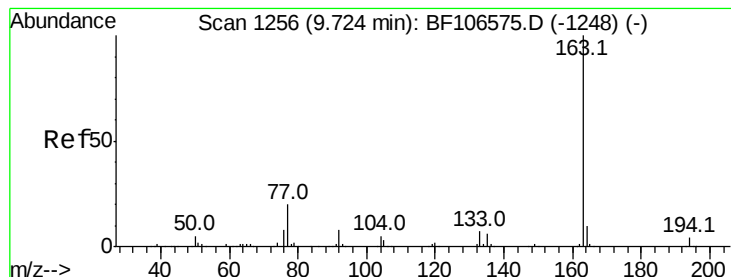
Tot Ion: 65 Resp: 191483
Ion Ratio Lower Upper
65 100
92 66.6 55.8 83.6
138 101.6 91.2 136.8



#48
Acenaphthylene
Concen: 40.064 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 152 Resp: 893873
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 39.642 ng

RT: 9.72 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

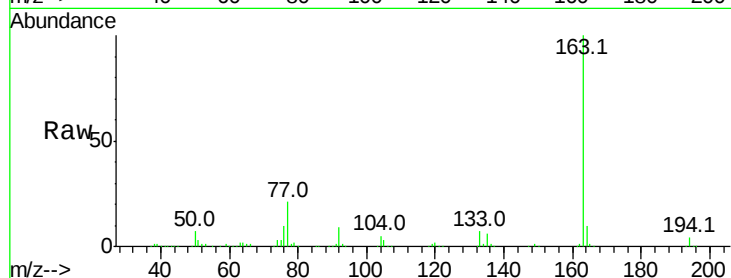
Tot Ion:163 Resp: 669791

Ion Ratio Lower Upper

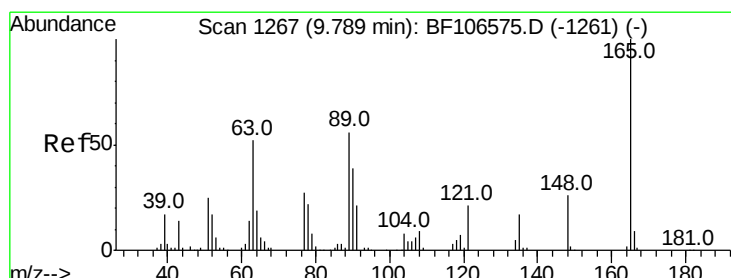
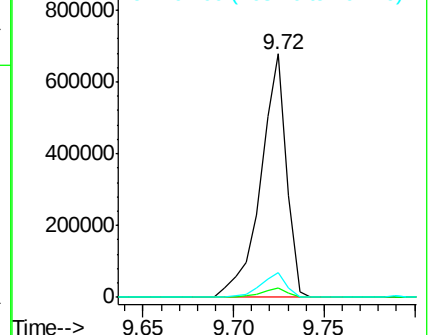
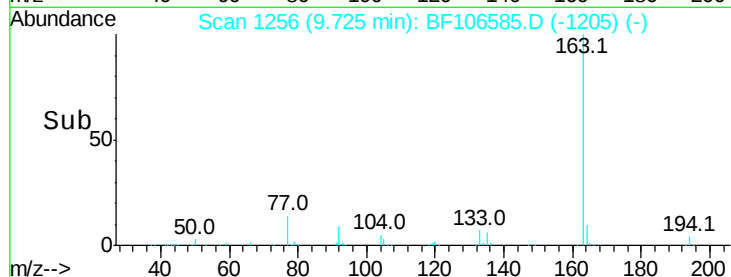
163 100

194 3.9 2.7 4.1

164 10.3 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: 42.211 ng

RT: 9.79 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

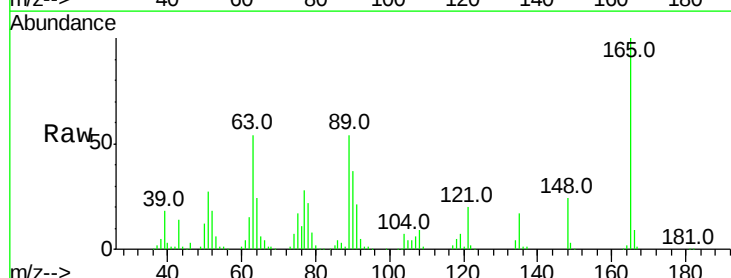
Tgt Ion:165 Resp: 151021

Ion Ratio Lower Upper

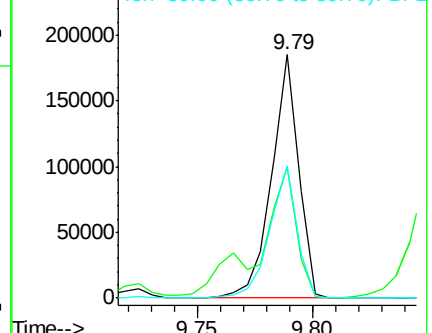
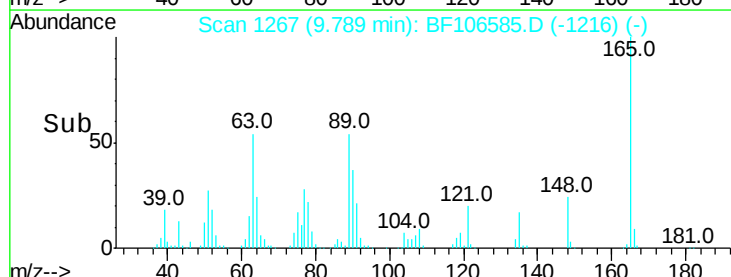
165 100

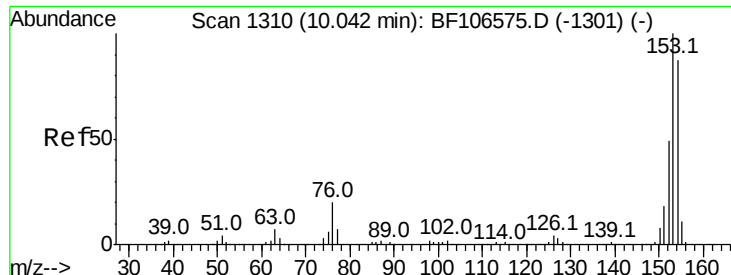
63 54.0 44.7 67.1

89 54.1 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: 36.994 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

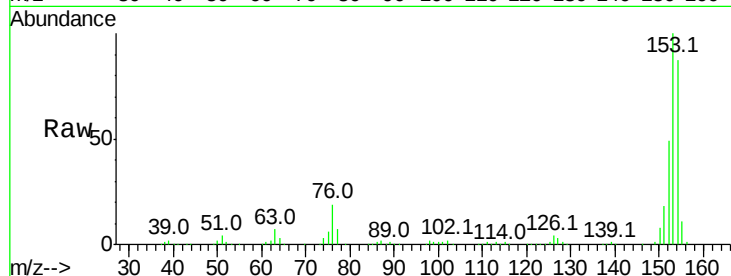
Tot Ion:154 Resp: 519749

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

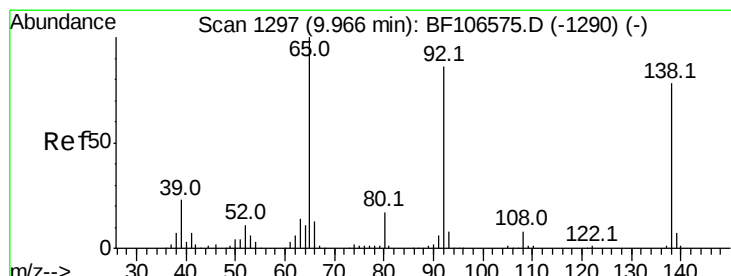
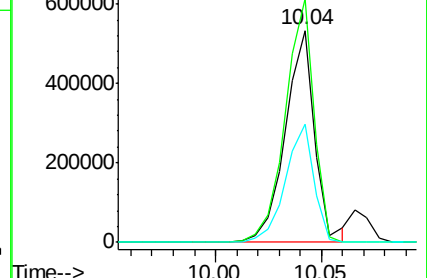
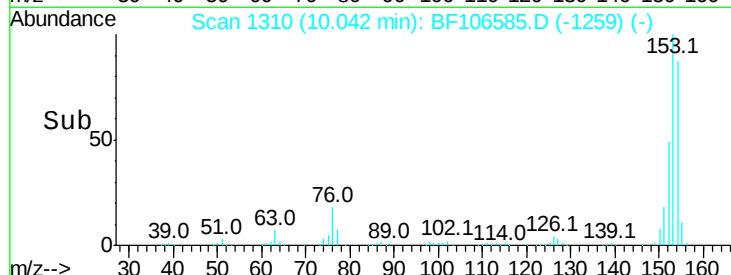
152 55.9 43.8 65.8



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: 15.161 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

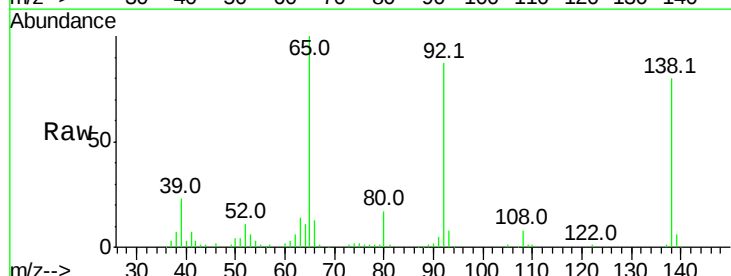
Tgt Ion:138 Resp: 62419

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

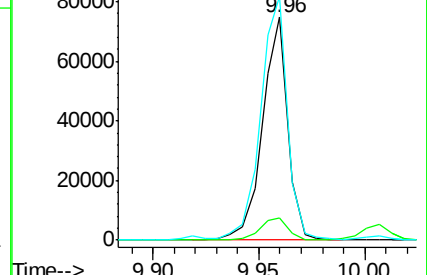
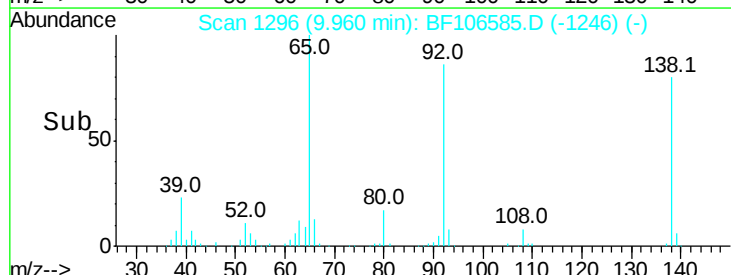
92 109.2 89.4 134.2



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

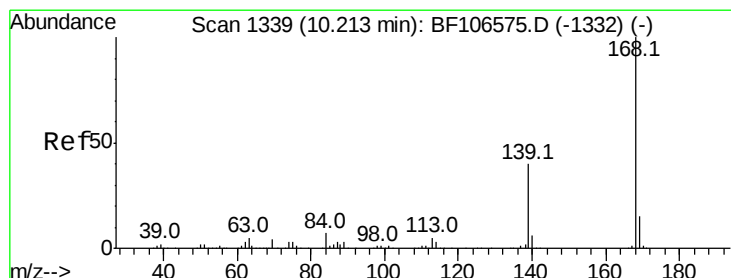
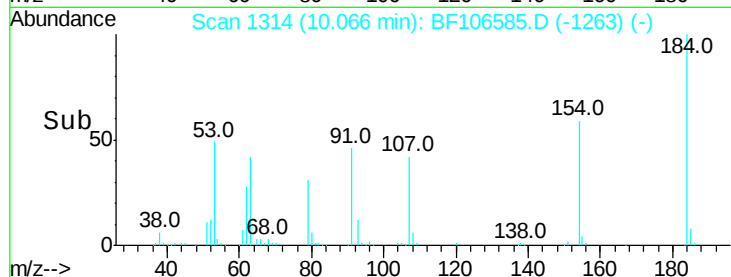
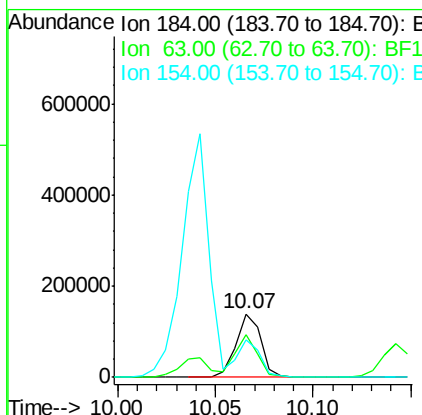
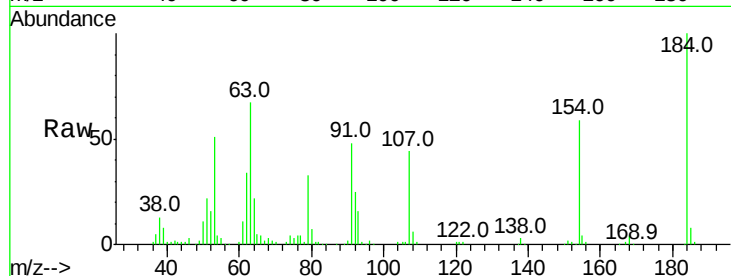




#53
 2,4-Dinitrophenol
 Concen: 68.641 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

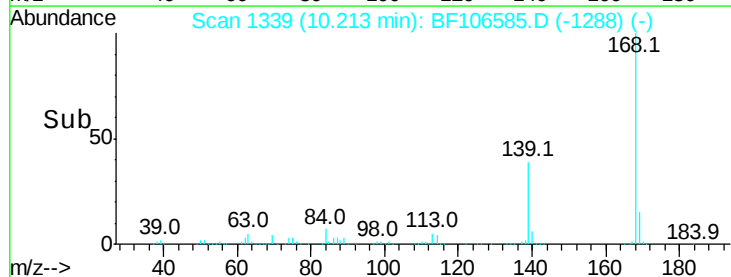
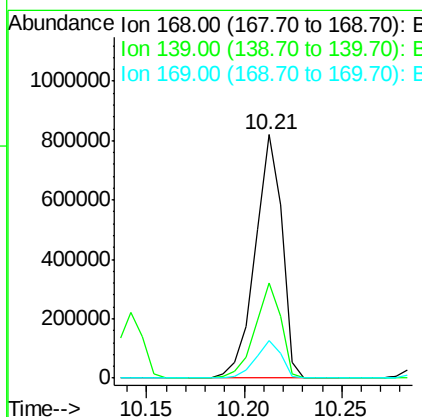
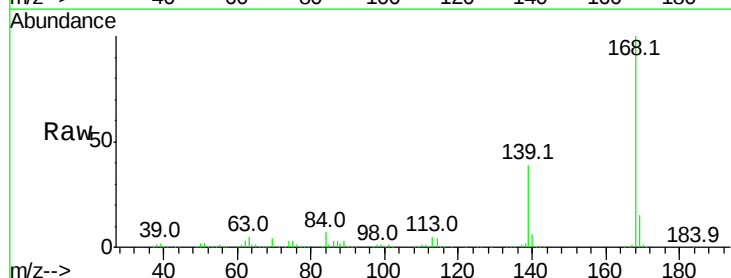
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 126168
 Ion Ratio Lower Upper
 184 100
 63 67.4 54.2 81.2
 154 58.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.443 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:168 Resp: 778055
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 15.2 10.9 16.3

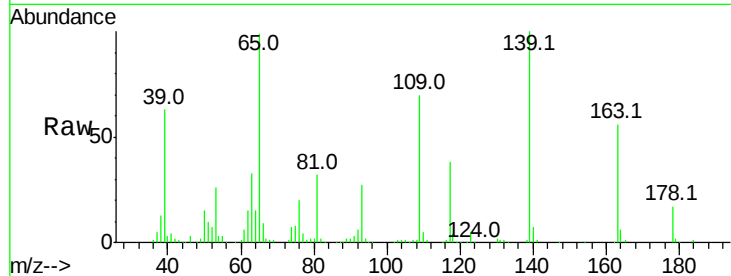




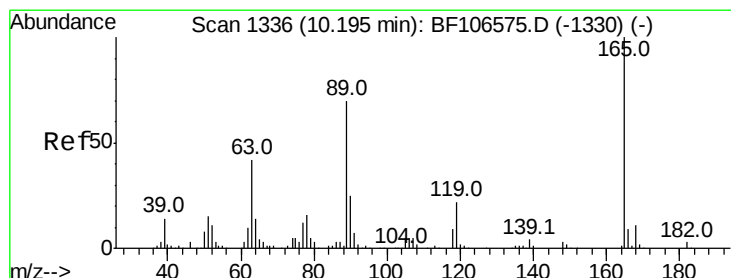
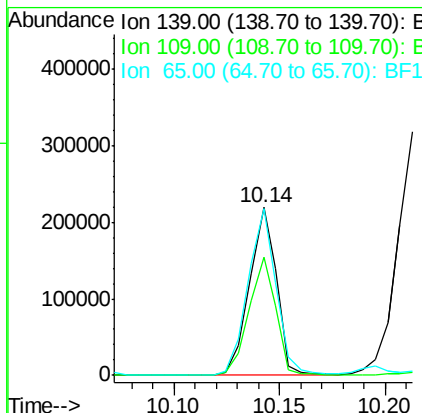
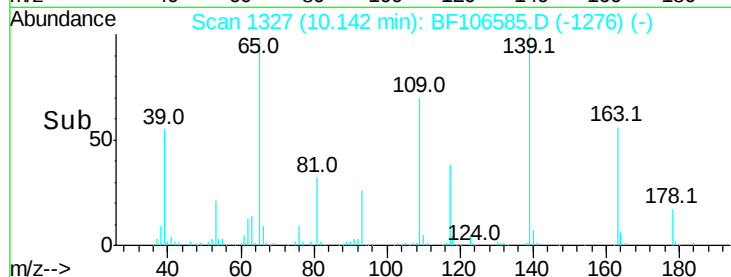
#55
 4-Nitrophenol
 Concen: 68.271 ng
 RT: 10.14 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.4	88.4
65	99.2	72.6	112.6

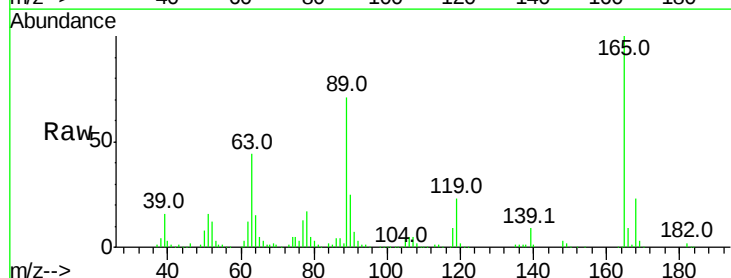


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

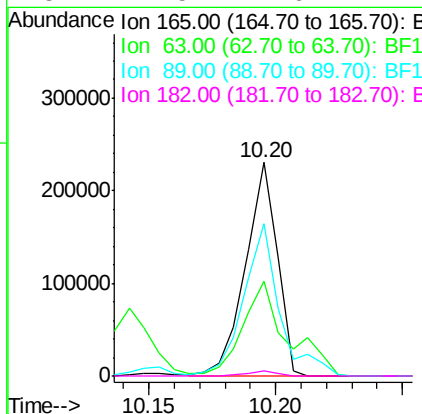
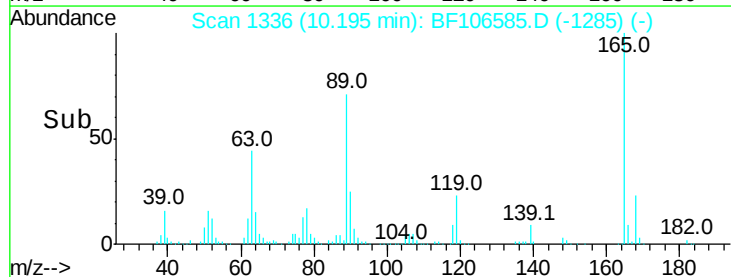


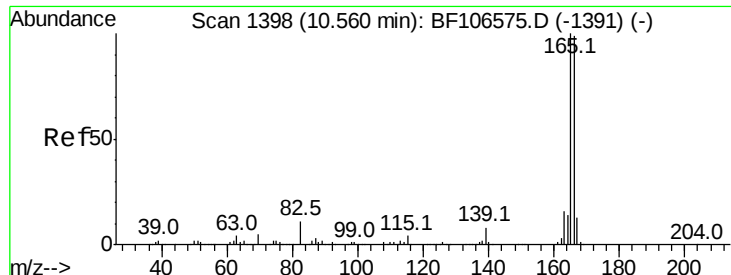
#56
 2,4-Dinitrotoluene
 Concen: 43.240 ng
 RT: 10.20 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	36.4	54.6
89	71.4	57.8	86.6
182	2.5	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: 38.659 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

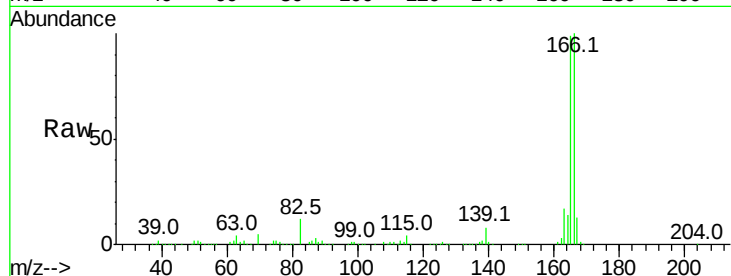
Tot Ion:166 Resp: 590177

Ion Ratio Lower Upper

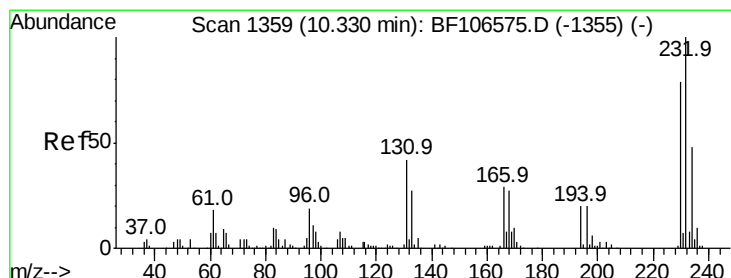
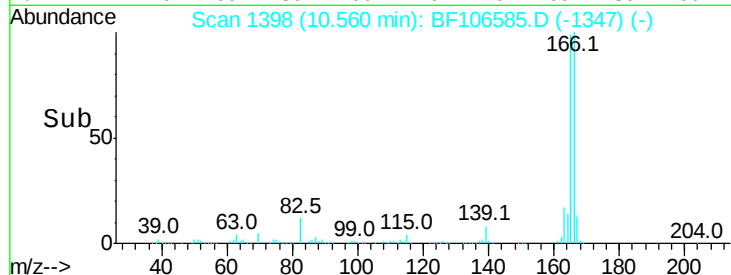
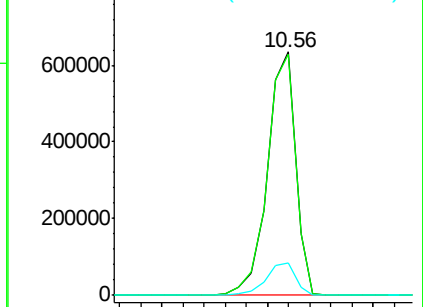
166 100

165 98.8 79.8 119.8

167 13.4 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.200 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Tgt Ion:232 Resp: 184887

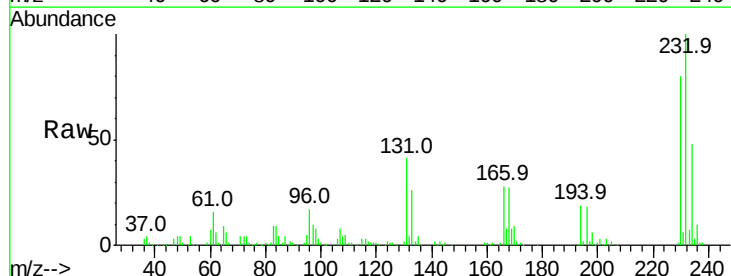
Ion Ratio Lower Upper

232 100

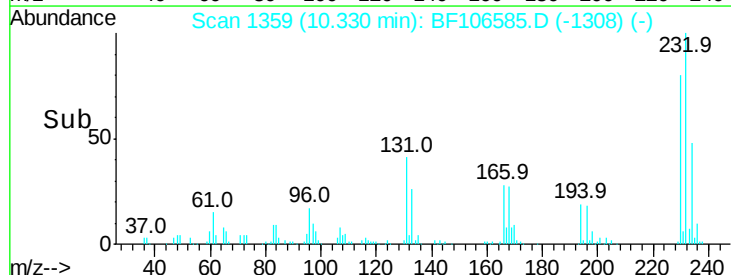
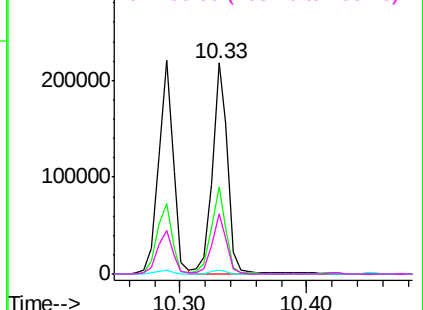
131 39.1 43.8 65.8#

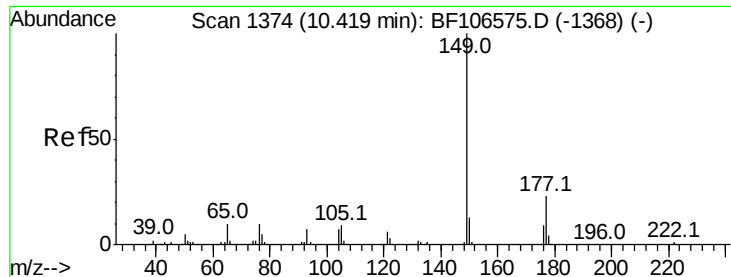
130 1.9 2.1 3.1#

166 27.1 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

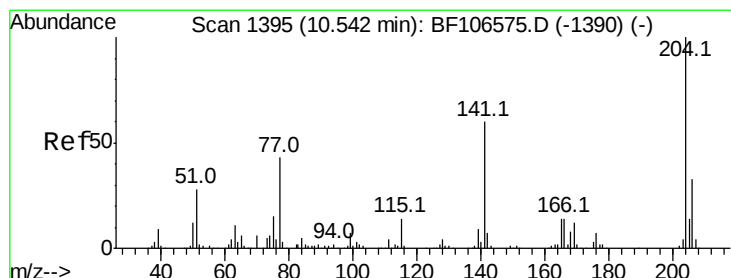
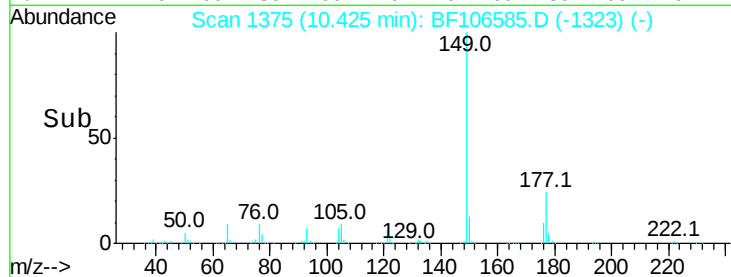
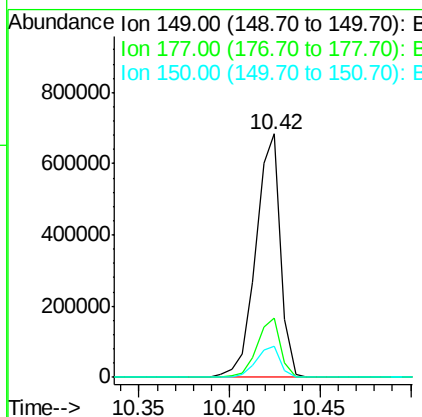
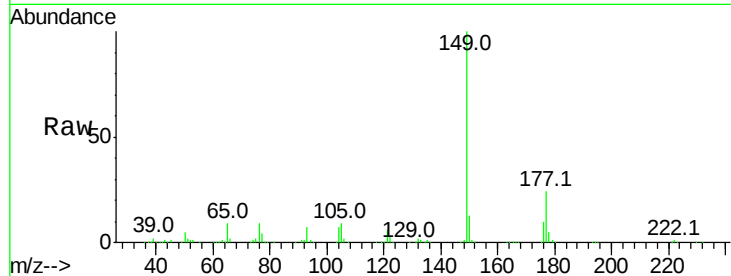




#59
 Diethylphthalate
 Concen: 39.452 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. 0.01 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

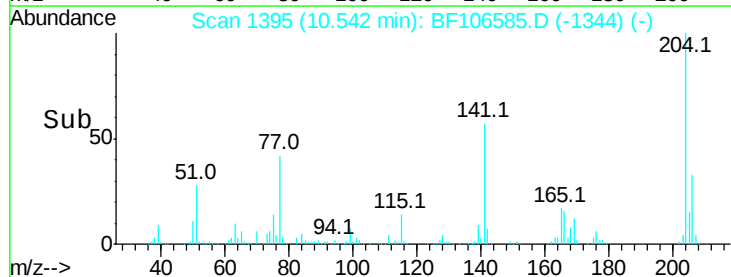
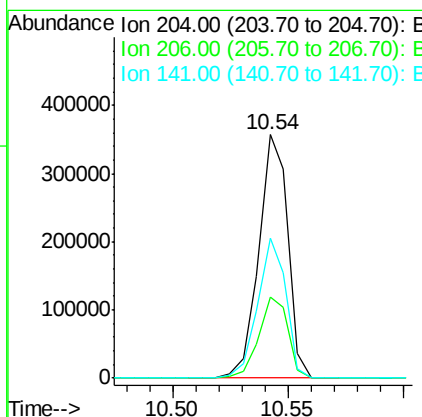
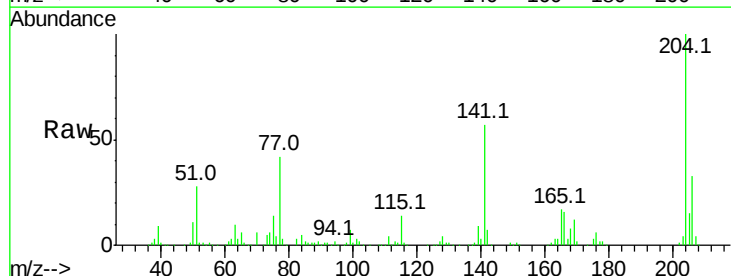
Instrument :
 BNA_F
 ClientSampled :

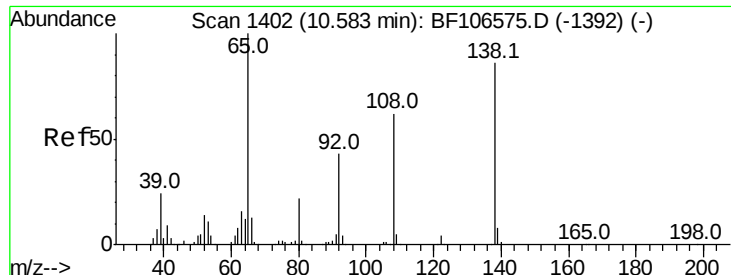
Tot Ion:	149	Resp:	643363
Ion Ratio	Lower	Upper	
149	100		
177	24.4	16.1	24.1#
150	12.9	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.113 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:	204	Resp:	312419
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	57.4	54.6	81.8

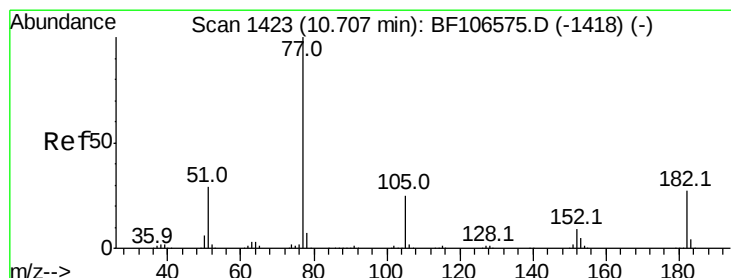
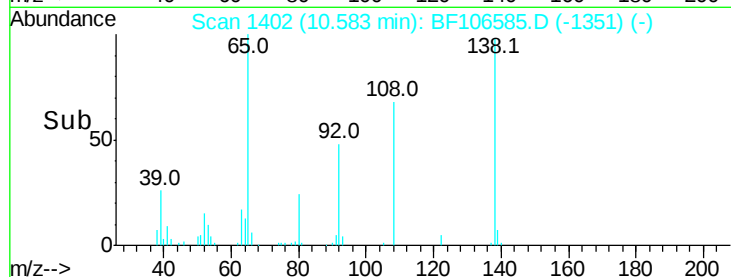
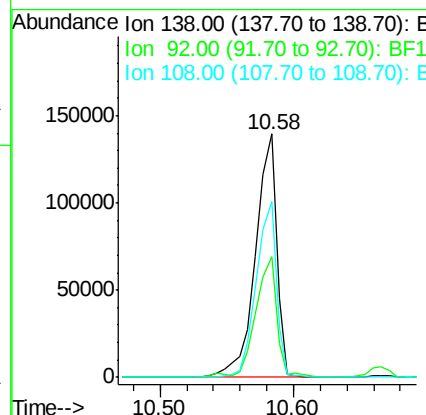
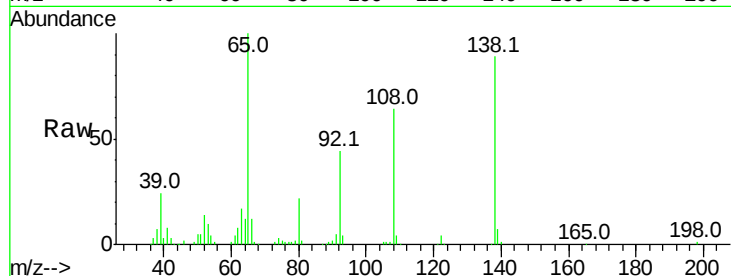




#61
4-Nitroaniline
Concen: 37.083 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

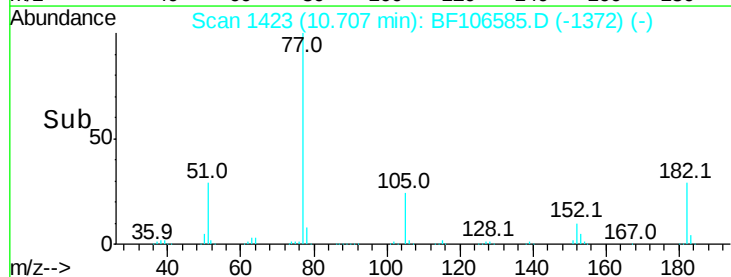
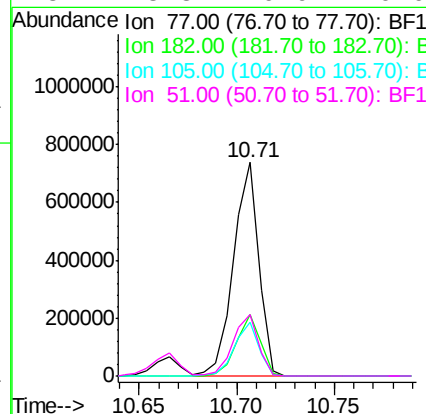
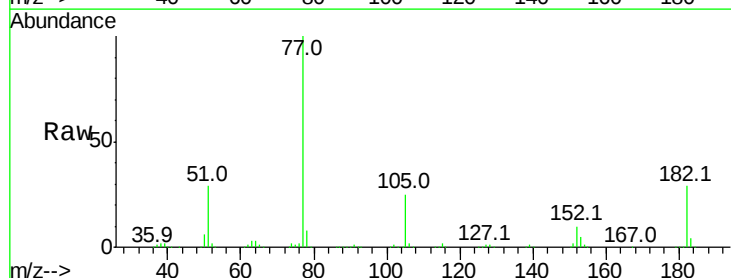
Instrument :
BNA_F
ClientSampleId :

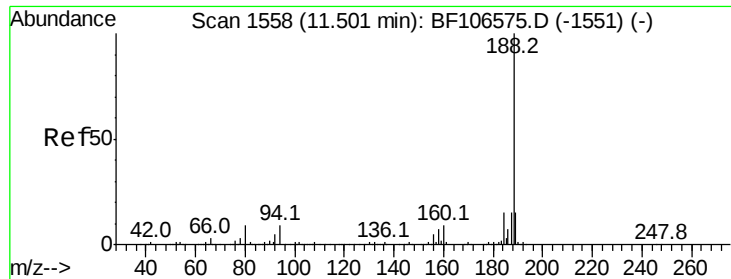
Tot Ion:138 Resp: 151518
Ion Ratio Lower Upper
138 100
92 49.3 30.2 70.2
108 72.1 52.5 92.5



#62
Azobenzene
Concen: 41.224 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion: 77 Resp: 662003
Ion Ratio Lower Upper
77 100
182 28.6 1.7 41.7
105 24.9 3.0 43.0
51 28.8 9.9 49.9

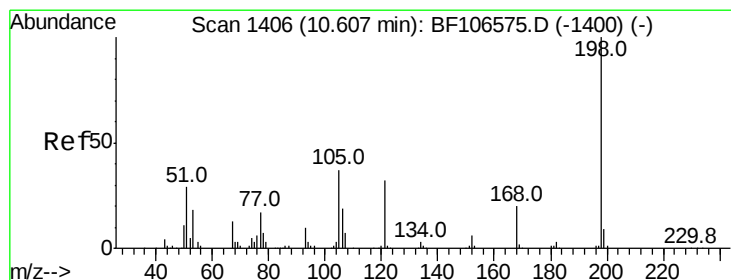
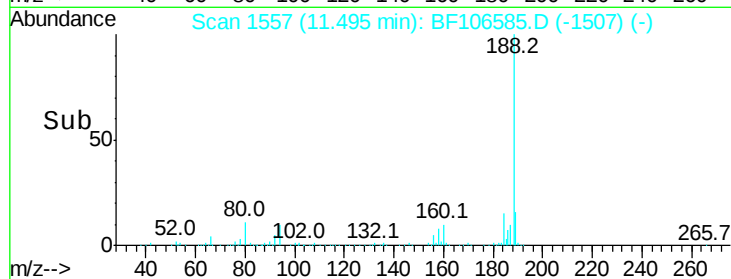
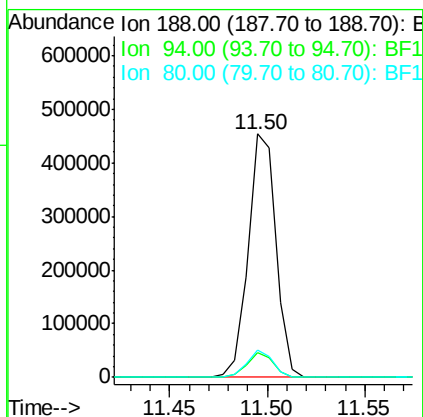
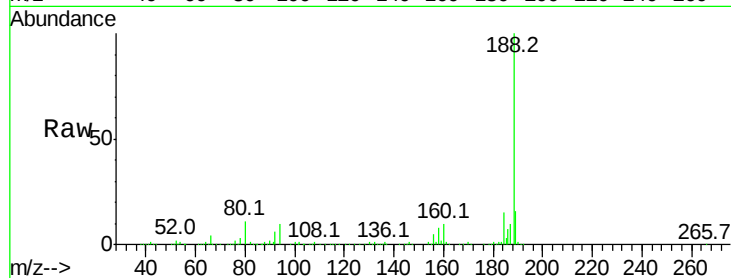




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

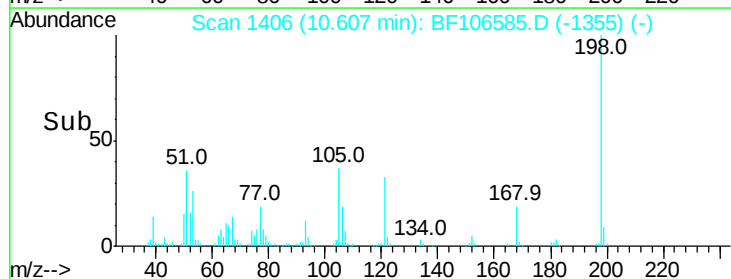
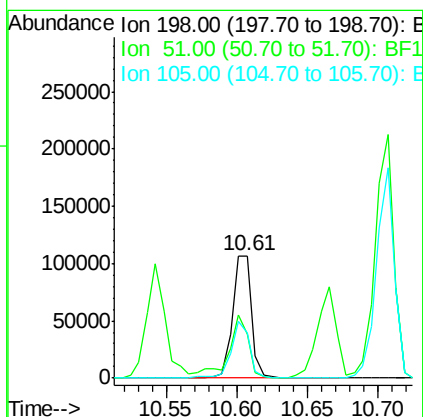
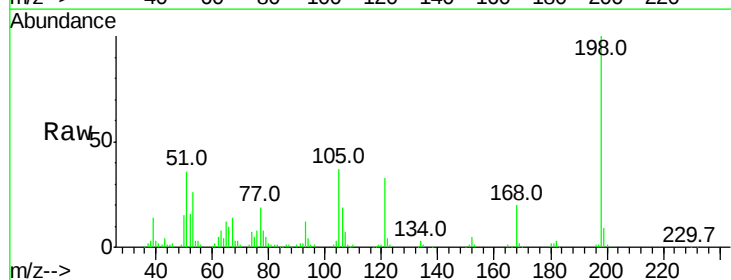
Instrument :
BNA_F
ClientSampleId :

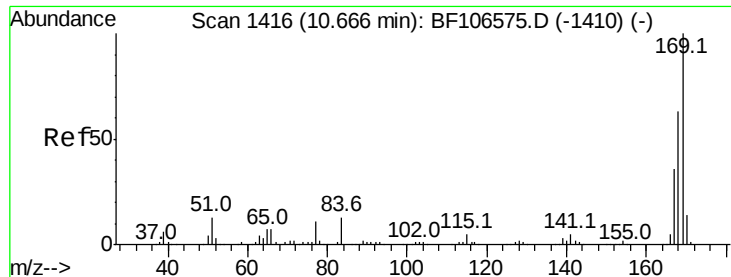
Tot Ion:188 Resp: 445525
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.287 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:198 Resp: 99933
Ion Ratio Lower Upper
198 100
51 36.2 37.7 77.7#
105 37.0 36.3 76.3

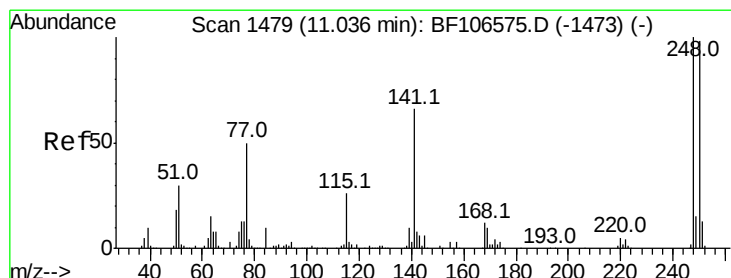
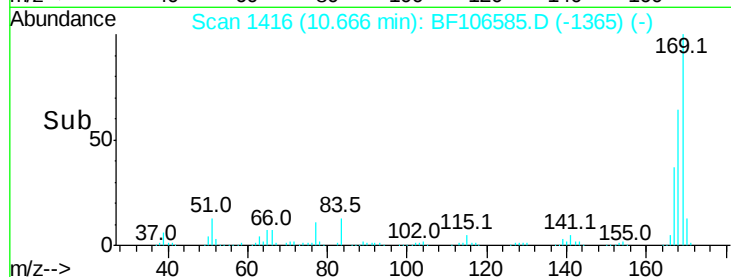
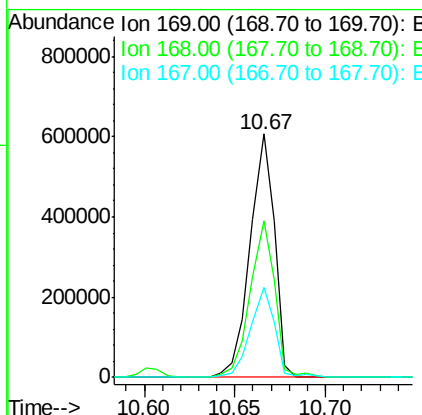
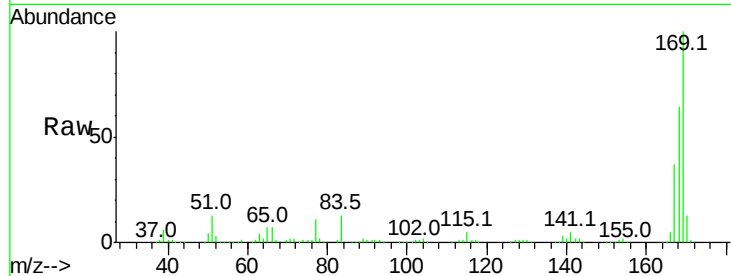




#65
 n-Nitrosodiphenylamine
 Concen: 38.161 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

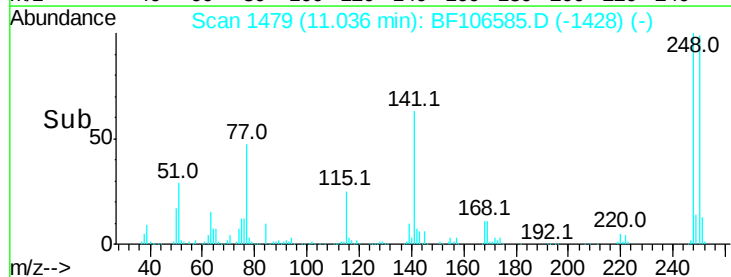
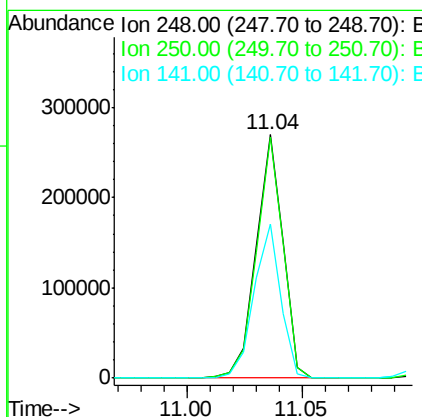
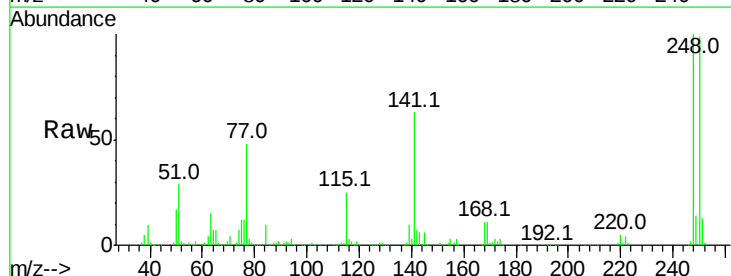
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	36.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.240 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	63.5	74.4	111.6#

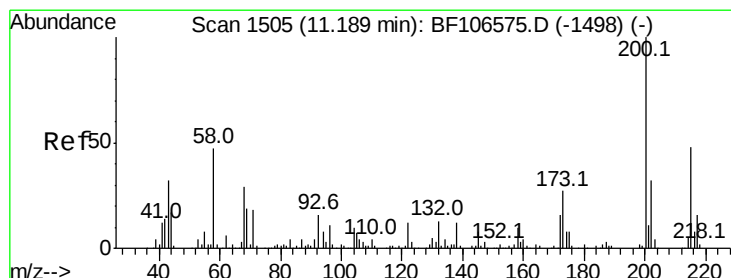
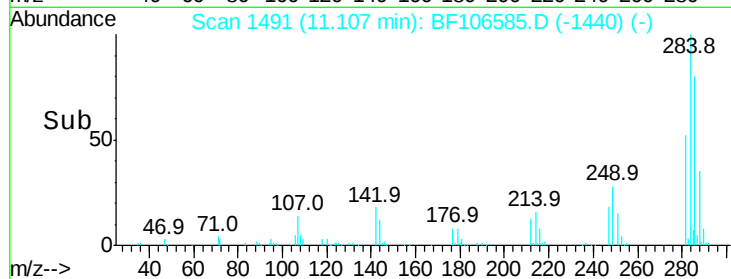
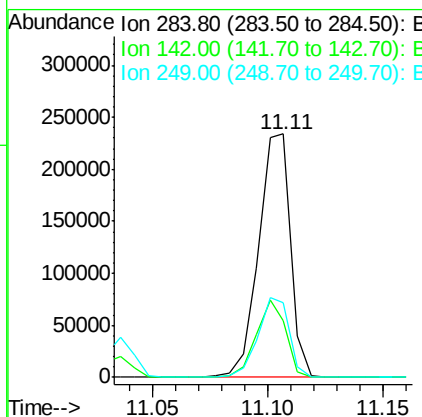
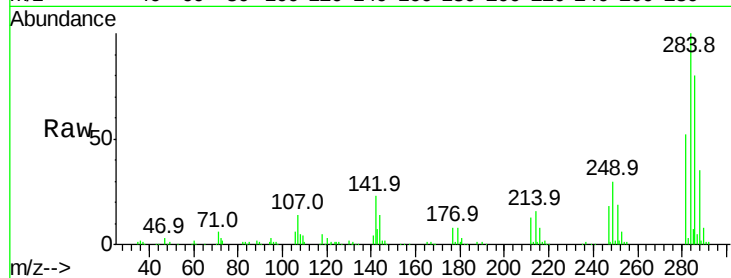




#67
Hexachlorobenzene
Concen: 40.577 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

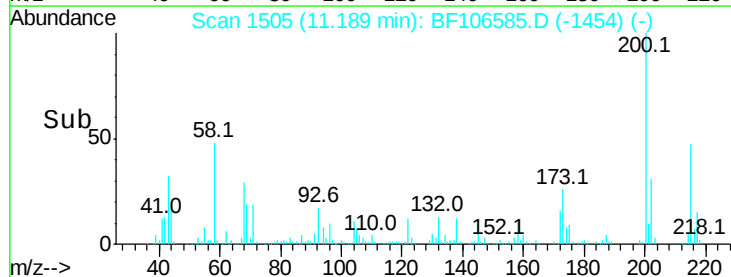
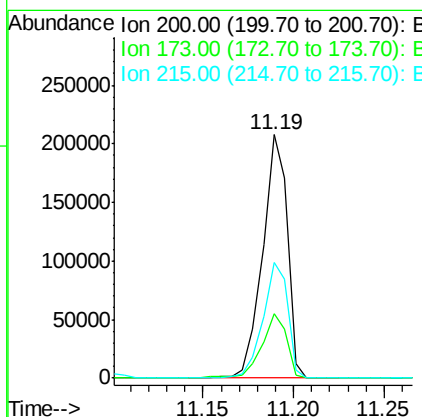
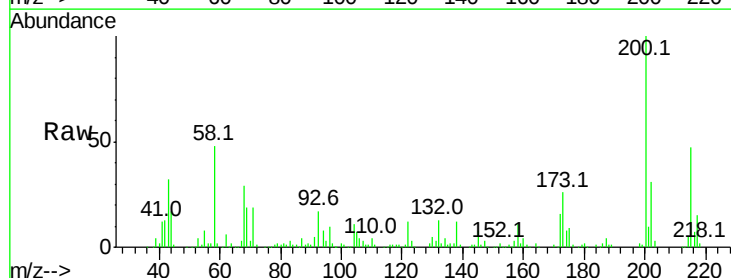
Instrument :
BNA_F
ClientSampleId :

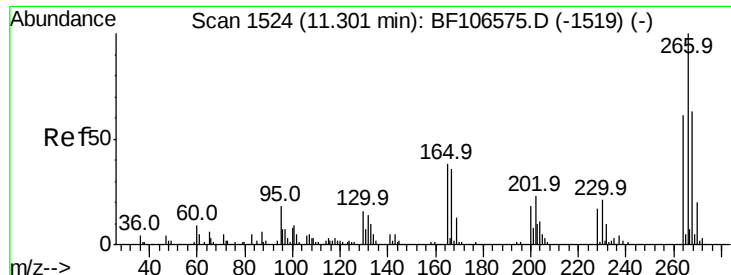
Tot Ion:284 Resp: 225816
Ion Ratio Lower Upper
284 100
142 23.2 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 41.364 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:200 Resp: 197052
Ion Ratio Lower Upper
200 100
173 26.4 8.6 48.6
215 47.2 25.1 65.1

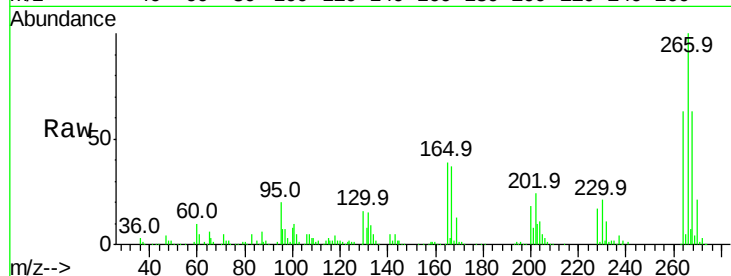




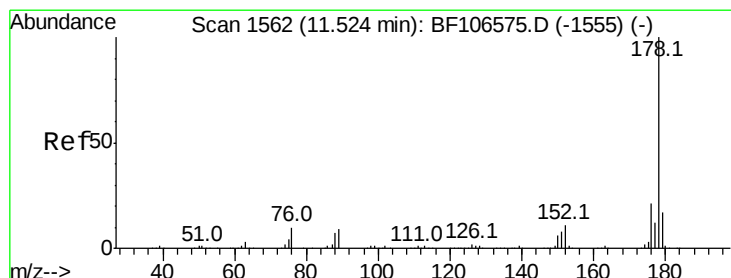
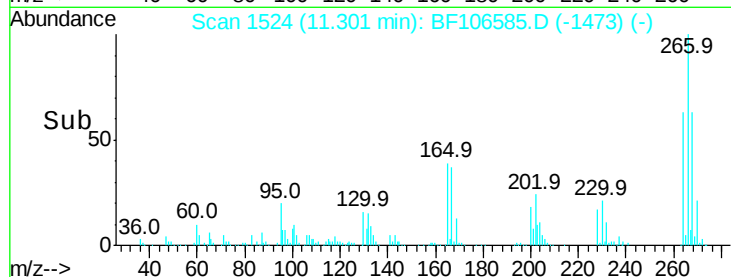
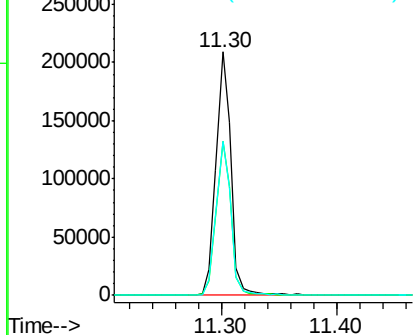
#69
 Pentachlorophenol
 Concen: 67.842 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 188381
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 63.4 49.5 74.3

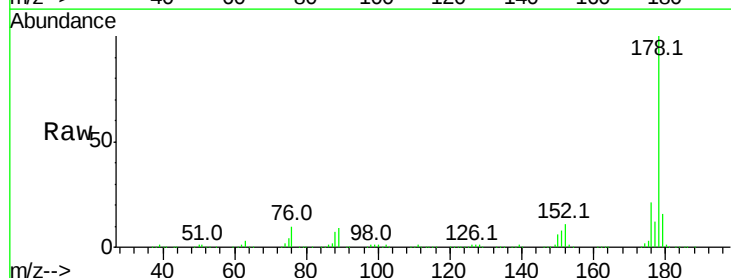


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

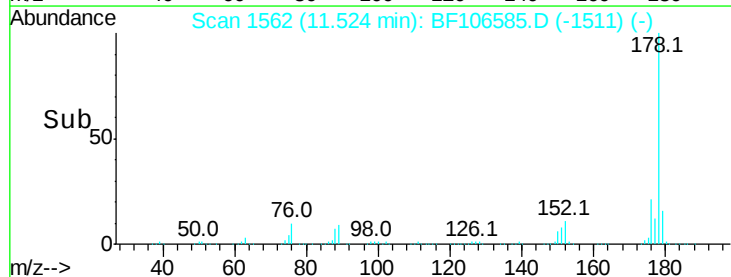
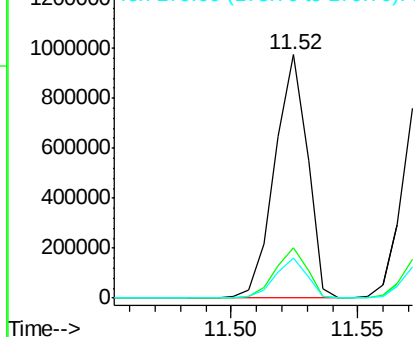


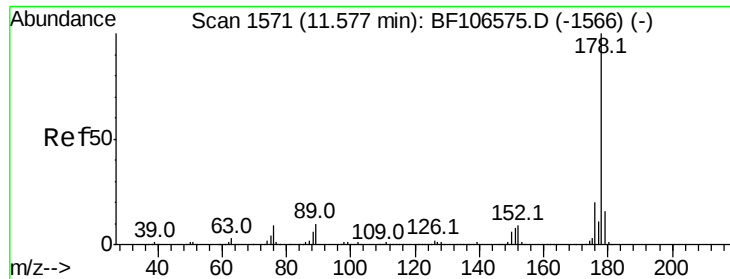
#70
 Phenanthrene
 Concen: 40.454 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:178 Resp: 869307
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.8 23.8
 179 16.2 13.0 19.6



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

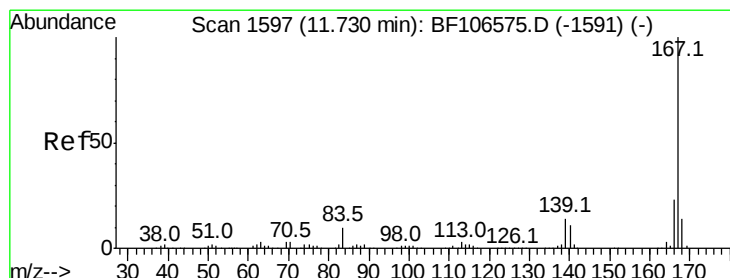
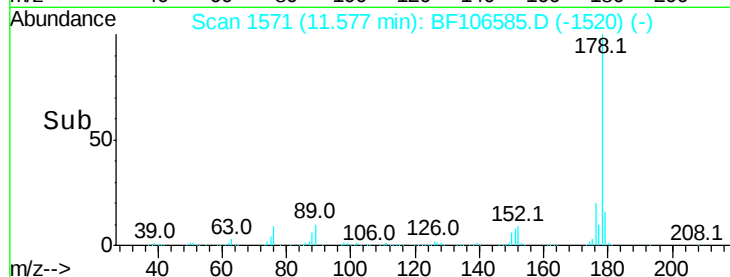
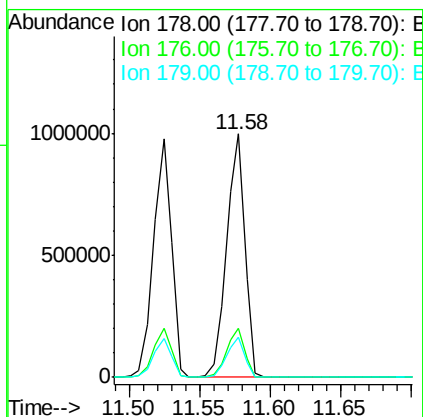
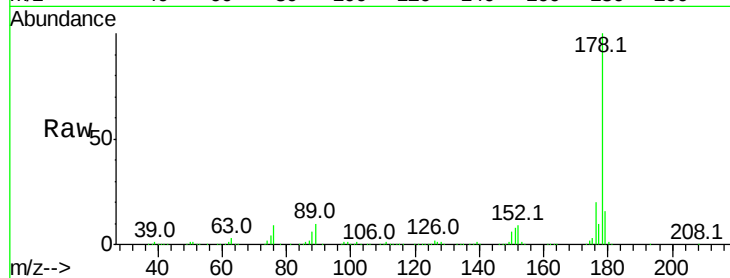




#71
 Anthracene
 Concen: 40.930 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

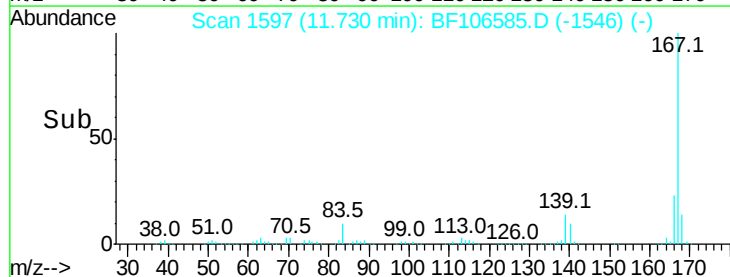
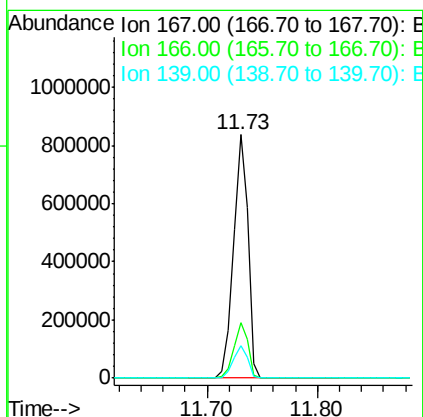
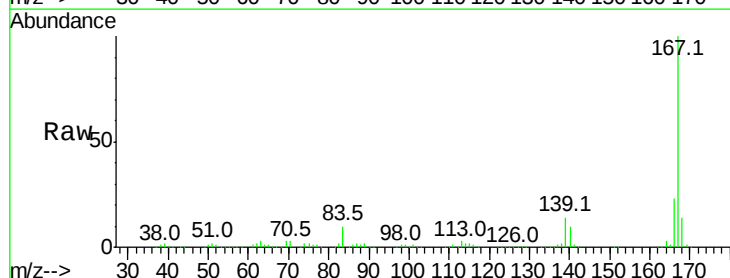
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 897749
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 37.603 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:167 Resp: 772190
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.5 10.9 16.3

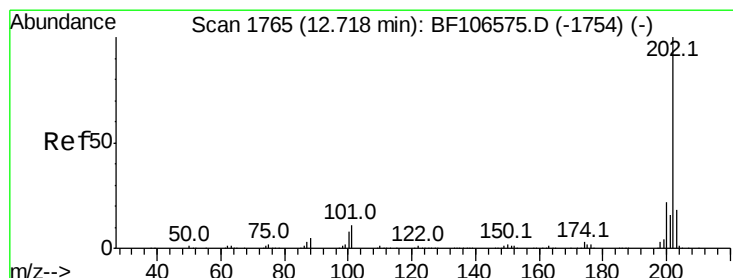
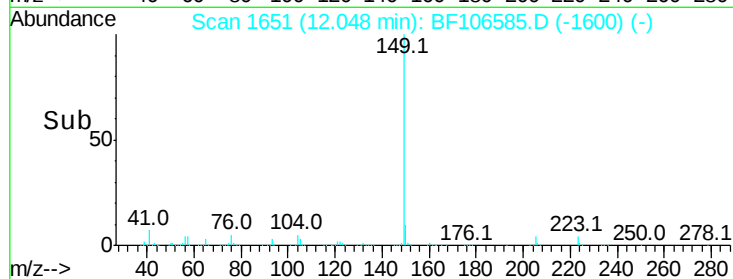
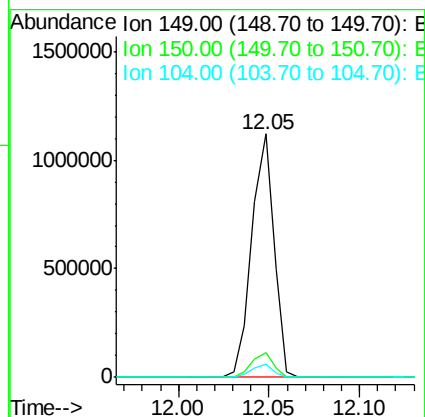
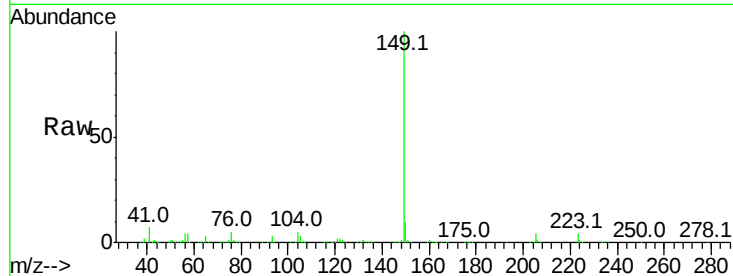




#73
Di-n-butylphthalate
Concen: 39.752 ng
RT: 12.05 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

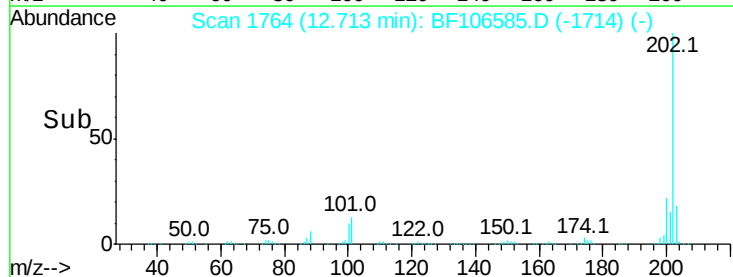
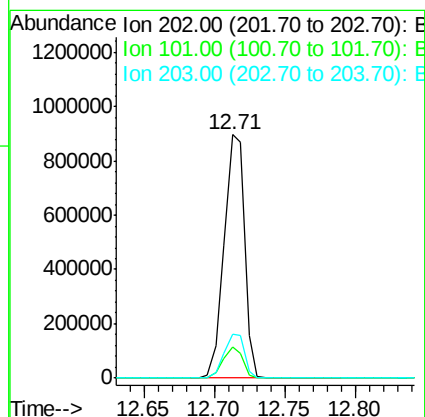
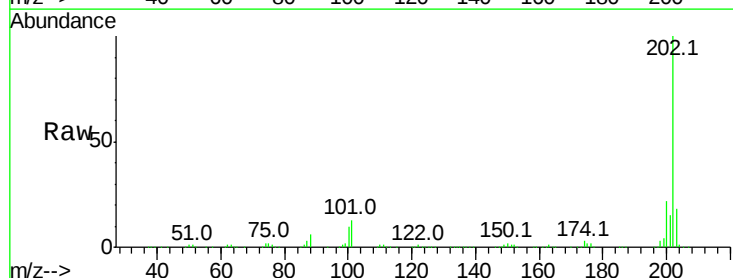
Instrument :
BNA_F
ClientSampled :

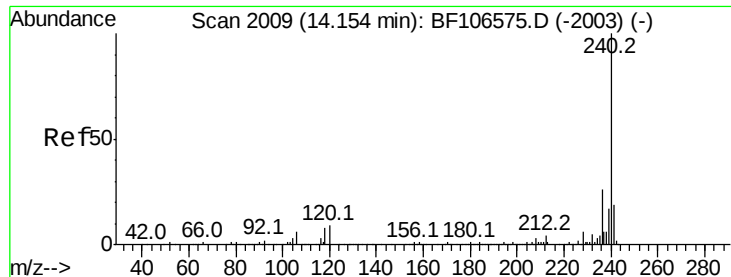
Tot Ion:149 Resp: 961701
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 5.2 3.8 5.8



#74
Fluoranthene
Concen: 38.015 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:202 Resp: 900372
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

Instrument :

BNA_F

ClientSampleId :

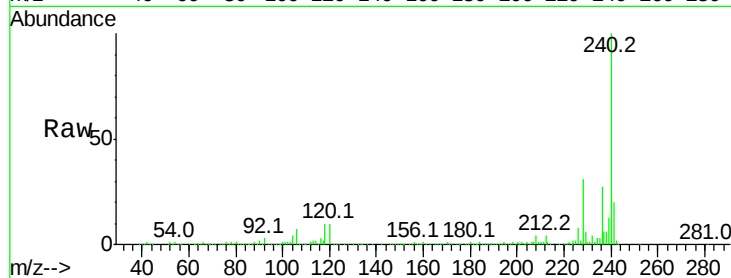
Tot Ion:240 Resp: 276343

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

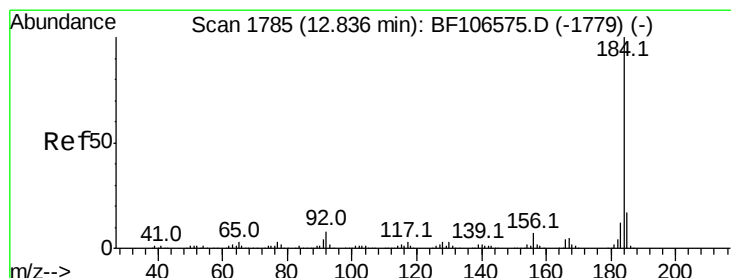
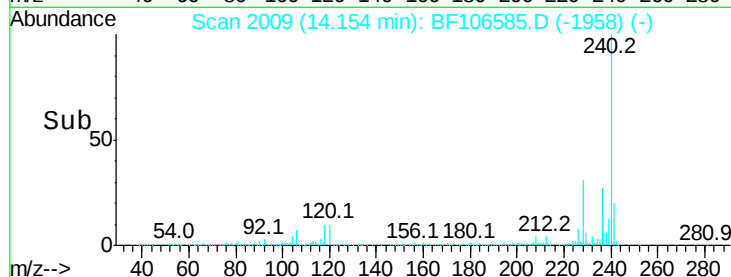
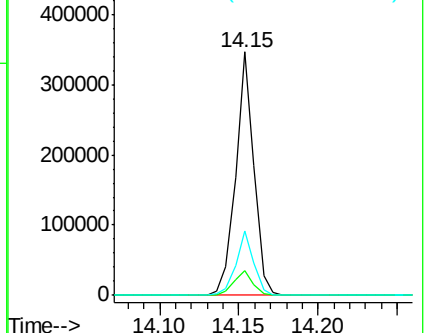
236 26.5 20.7 31.1



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: 35.736 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106585.D

Acq: 19 Jun 2018 16:40

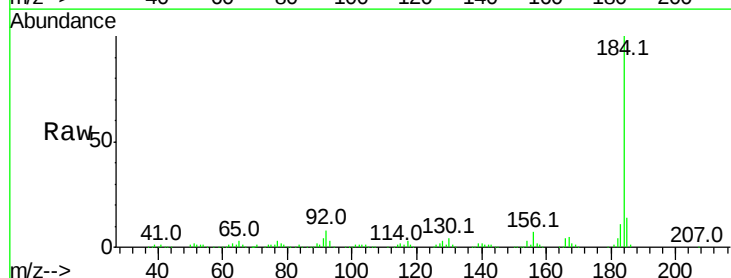
Tgt Ion:184 Resp: 281246

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

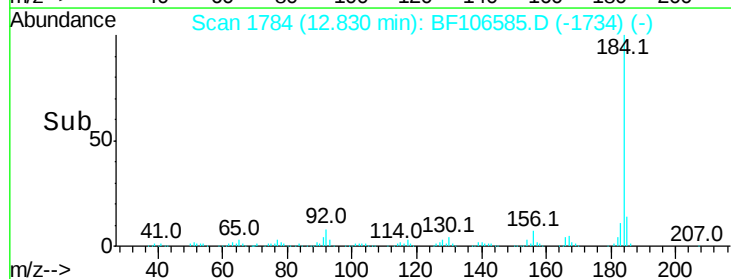
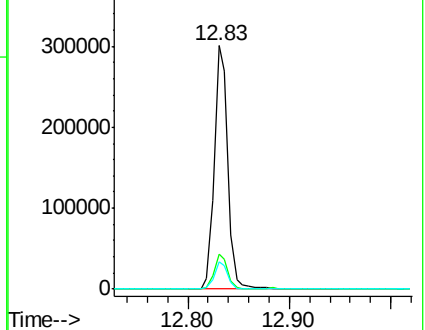
183 11.1 9.3 13.9

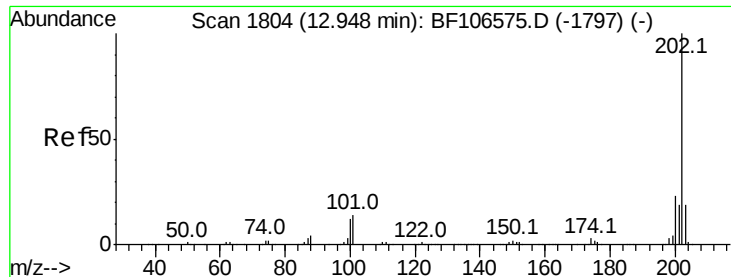


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

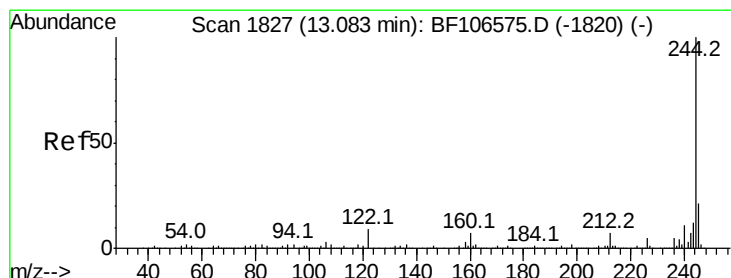
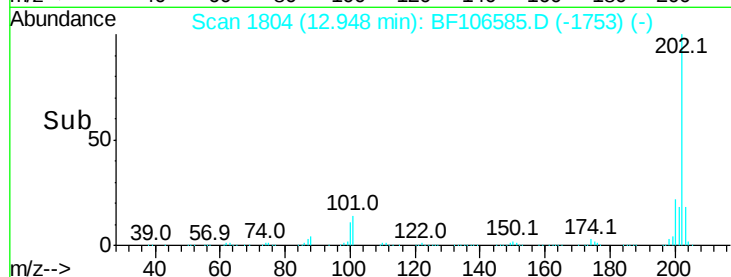
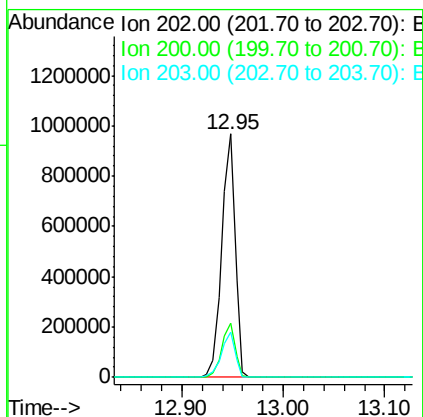
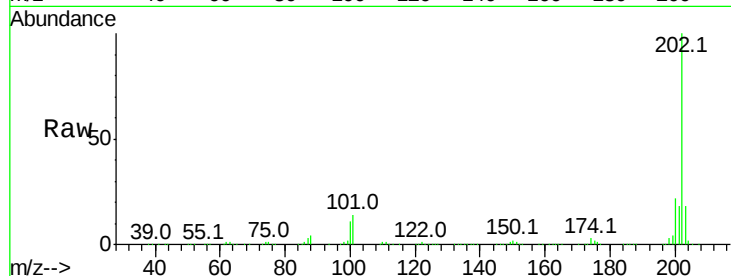




#77
Pvrene
Concen: 48.866 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

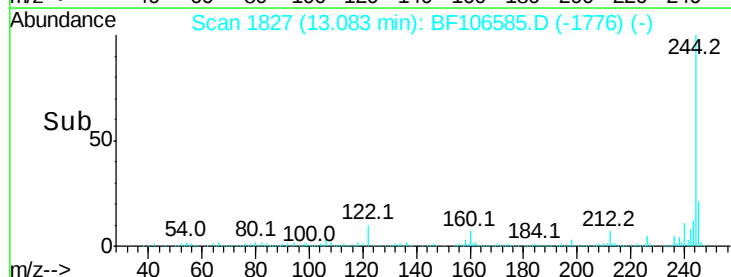
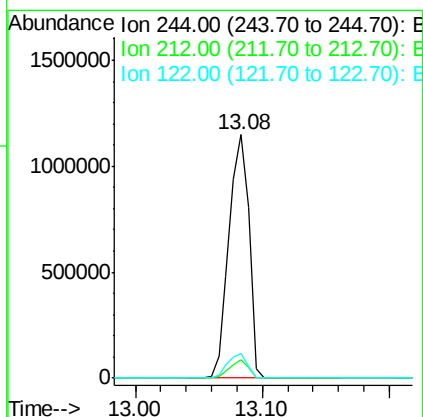
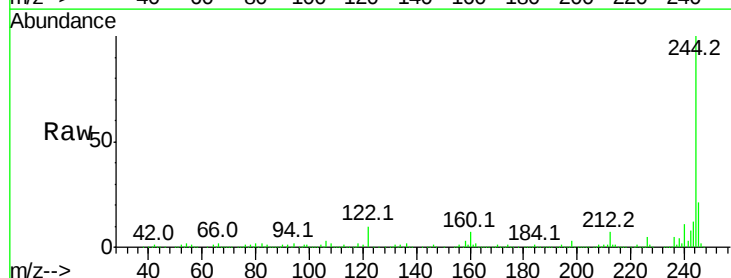
Instrument :
BNA_F
ClientSampleId :

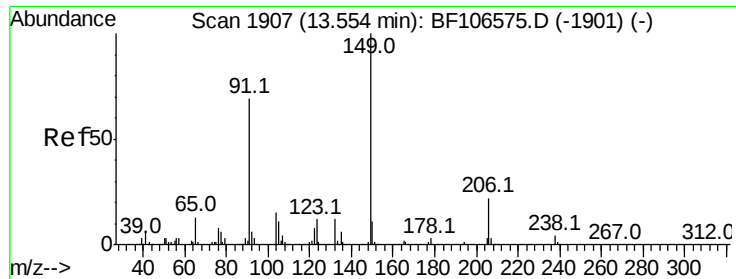
Tot Ion:202 Resp: 890477
Ion Ratio Lower Upper
202 100
200 22.4 17.4 26.2
203 18.5 14.3 21.5



#78
Terphenyl-d14
Concen: 109.605 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:244 Resp: 1250402
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 10.0 11.0 16.4#

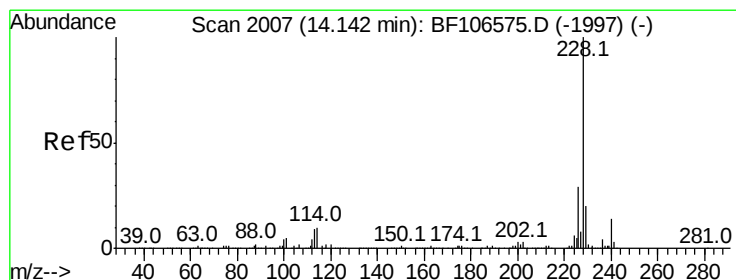
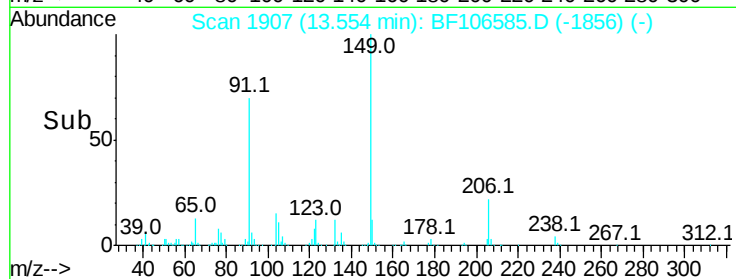
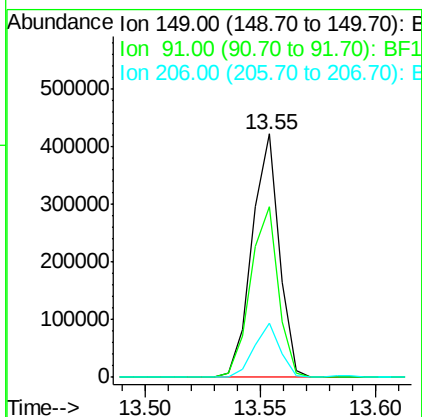
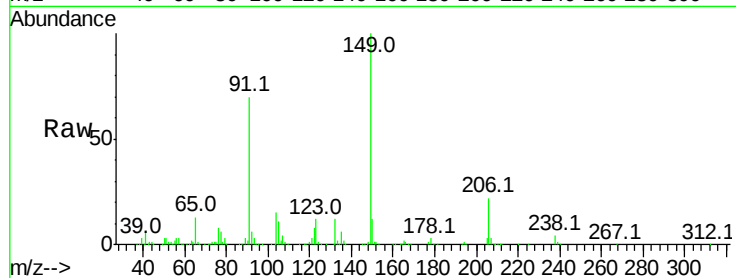




#79
Butylbenzylphthalate
Concen: 46.485 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

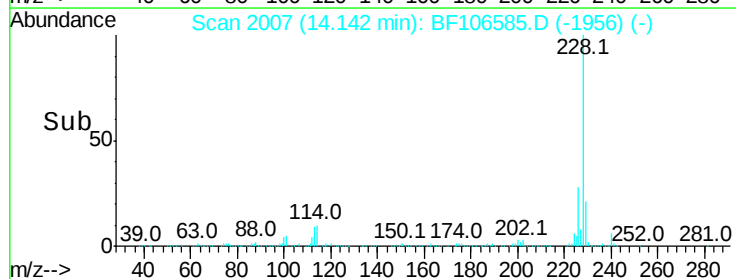
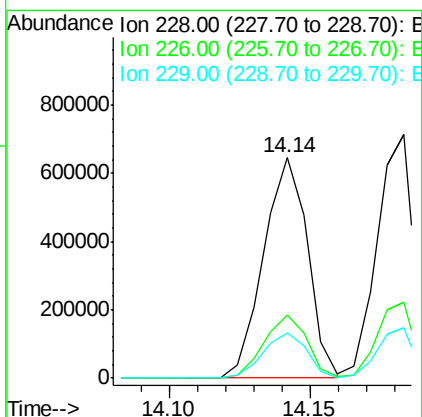
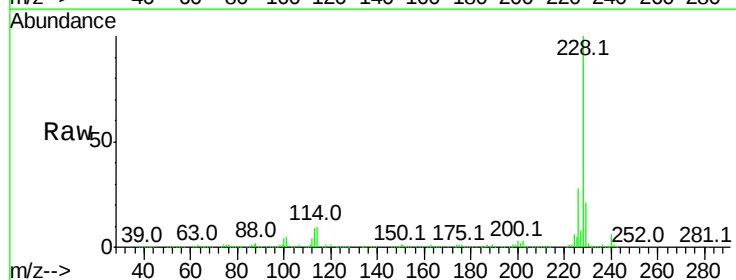
Instrument :
BNA_F
ClientSampleID :

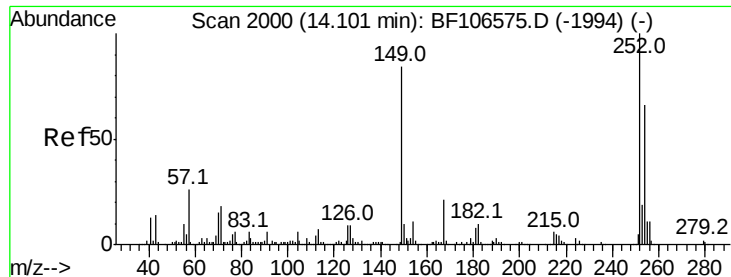
Tot Ion:149 Resp: 348285
Ion Ratio Lower Upper
149 100
91 70.1 56.8 85.2
206 22.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 41.359 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:228 Resp: 696584
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.5 15.8 23.6

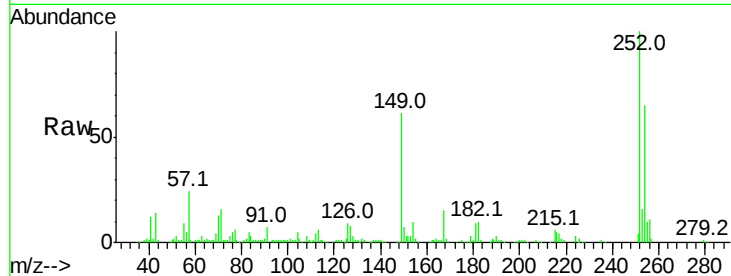




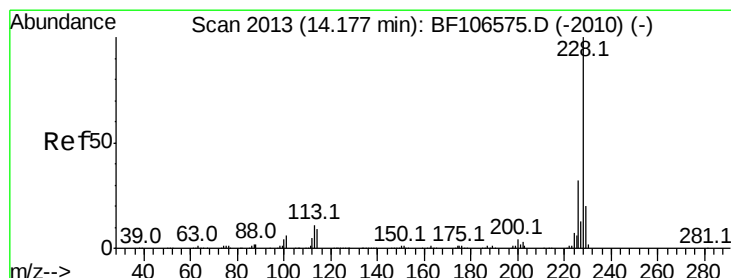
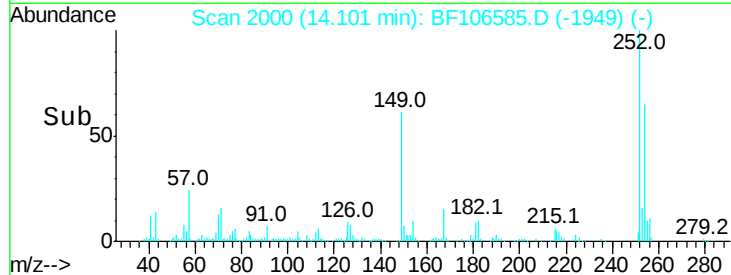
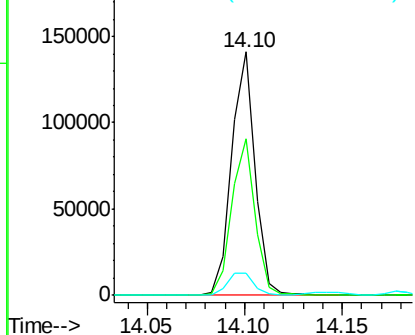
#81
 3,3'-Dichlorobenzidine
 Concen: 19.817 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 117306
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 9.3 11.3 16.9#

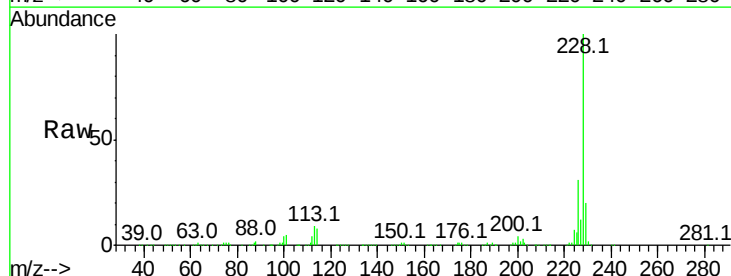


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

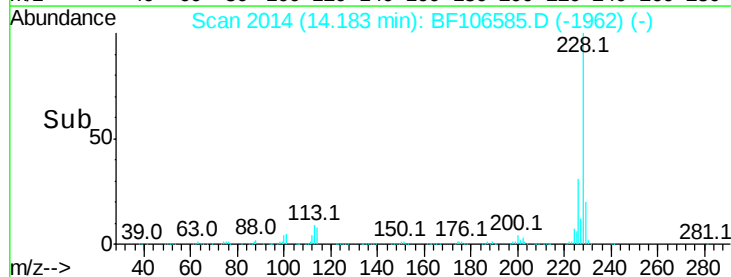
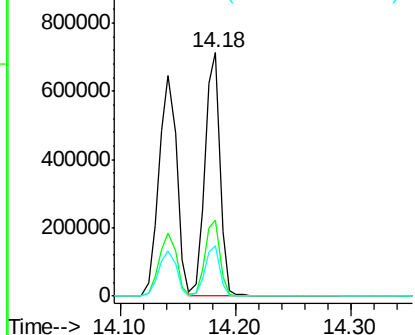


#82
 Chrysene
 Concen: 42.056 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:228 Resp: 651647
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.5 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

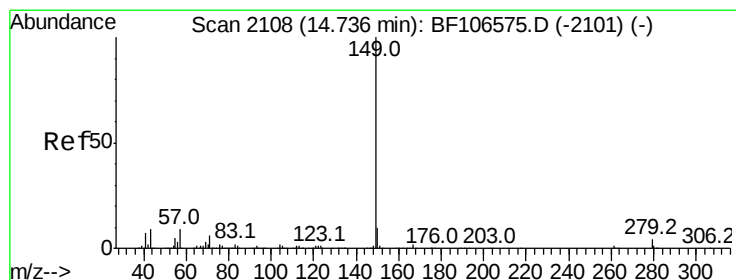
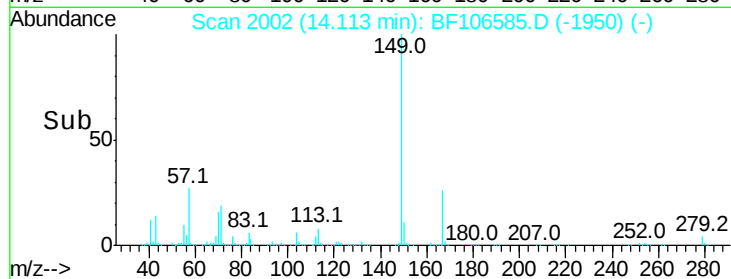
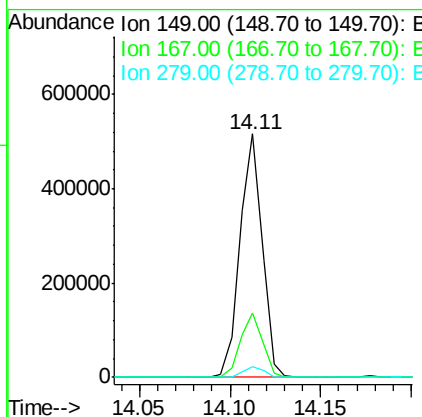
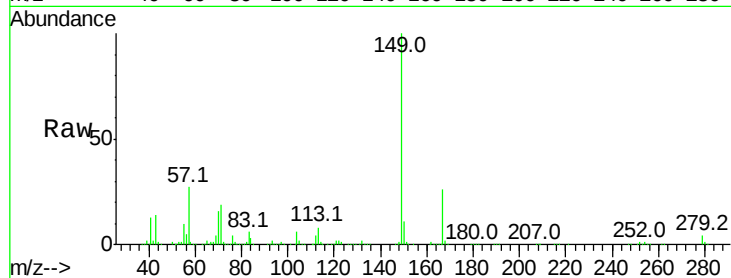




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.981 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

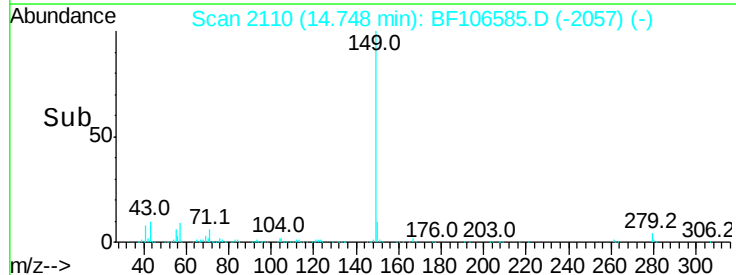
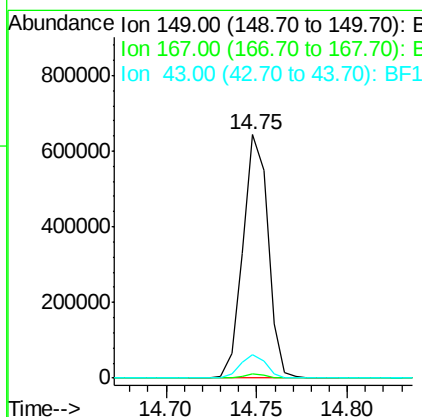
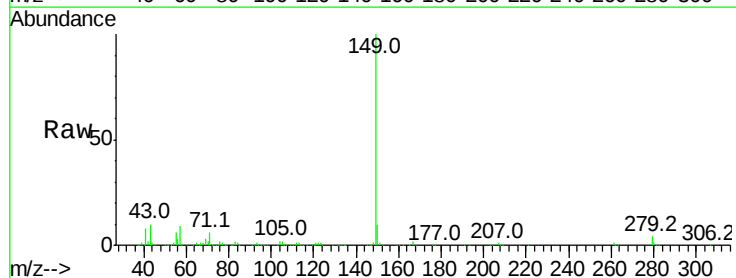
Instrument :
 BNA_F
 ClientSampleId :

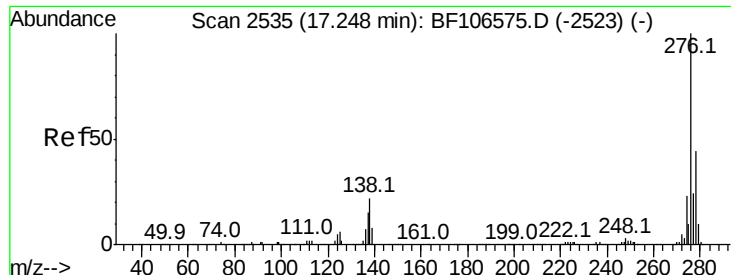
Tot Ion:149 Resp: 440442
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 4.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 39.700 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Tgt Ion:149 Resp: 619866
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.4 12.6

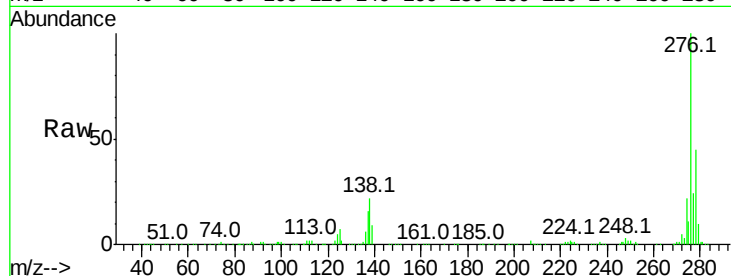




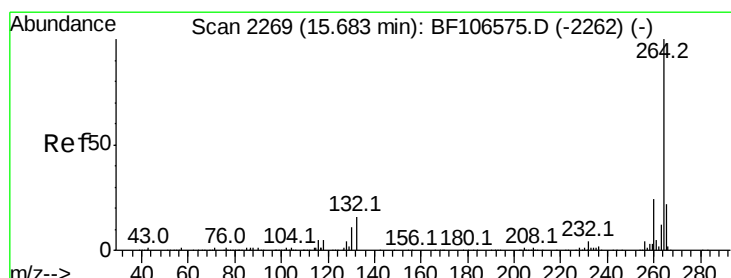
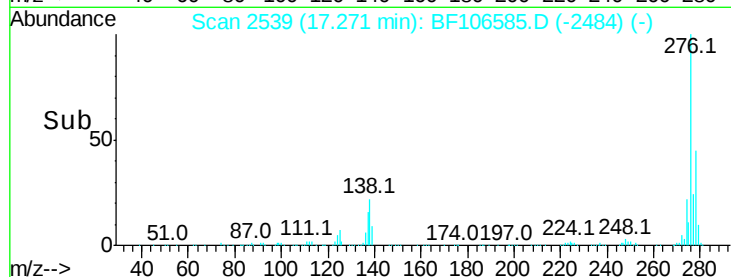
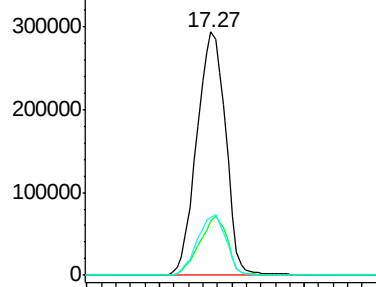
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.819 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	25.2	20.1	30.1

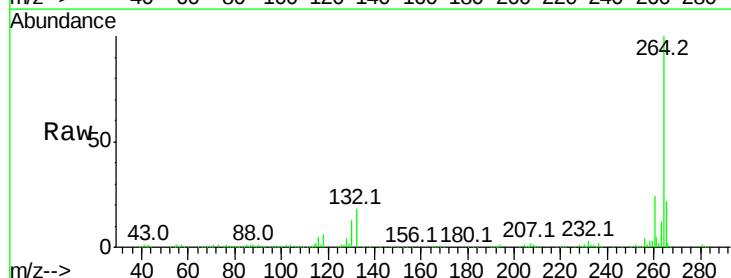


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

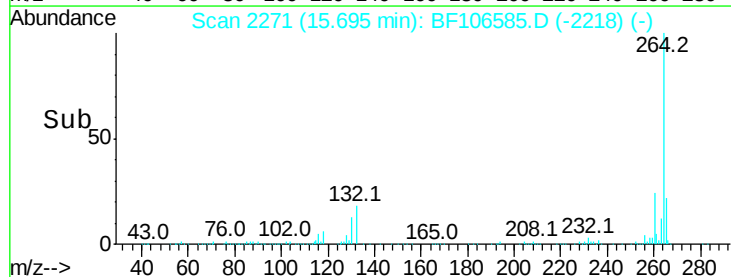
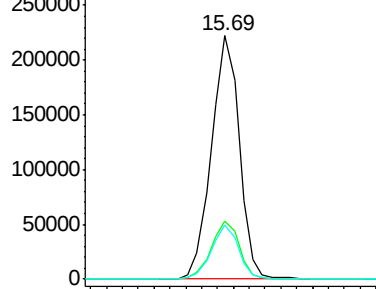


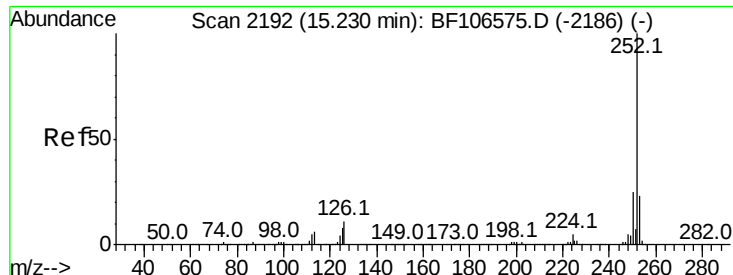
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3



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

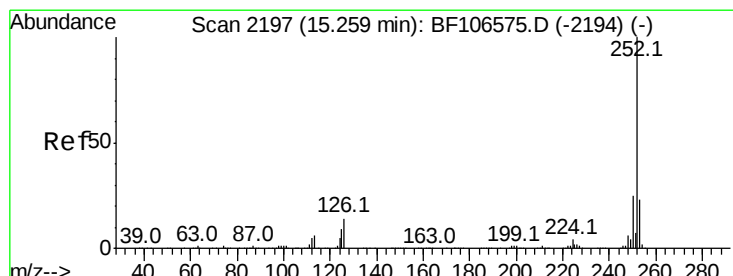
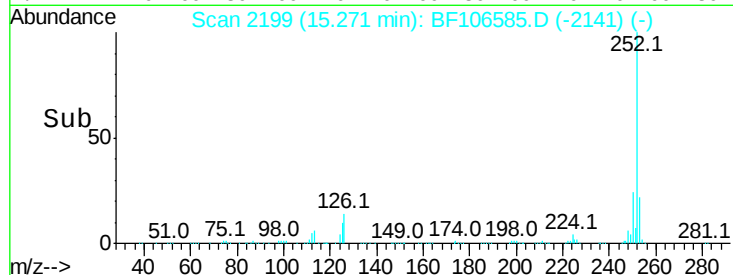
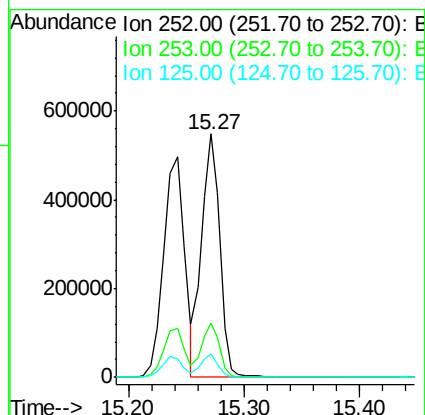
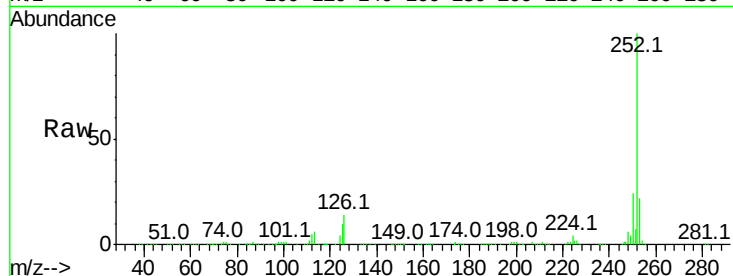




#87
Benzo(b)fluoranthene
Concen: 36.057 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.04 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

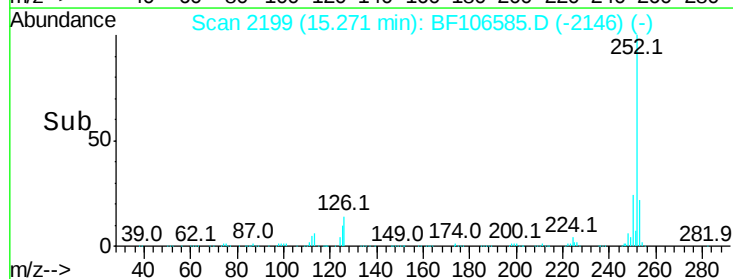
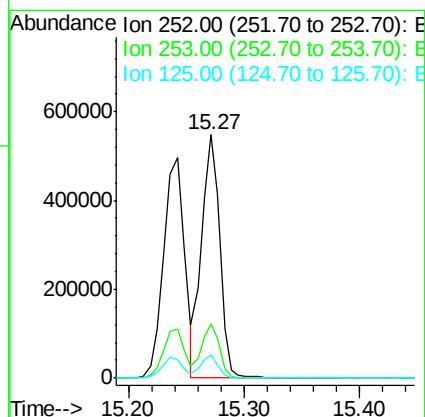
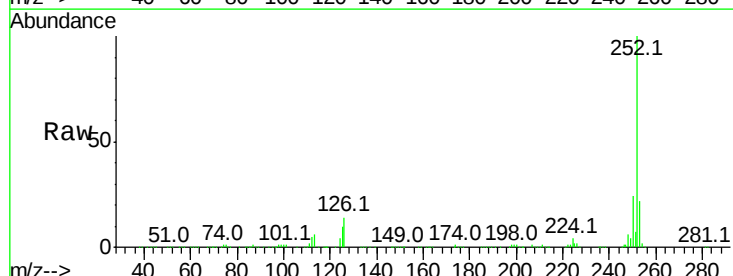
Instrument :
BNA_F
ClientSampleId :

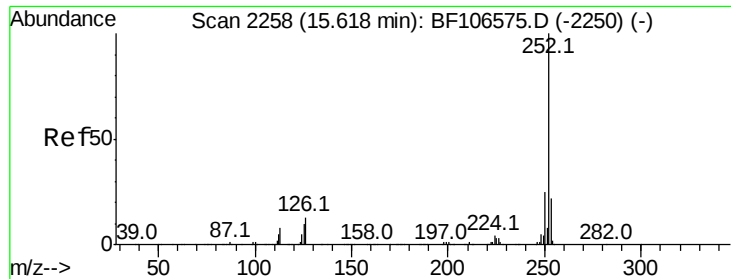
Tot Ion:252 Resp: 609612
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.863 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:252 Resp: 609612
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.8 10.2 15.2#

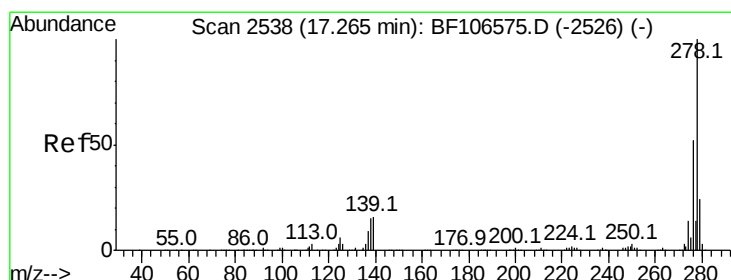
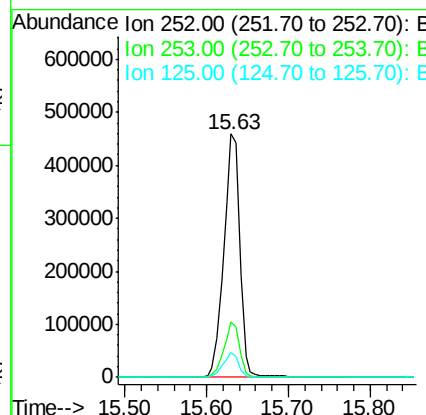
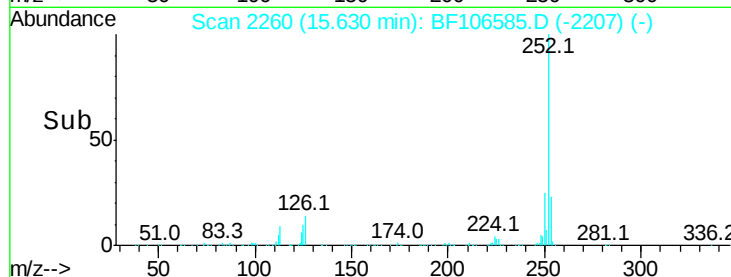
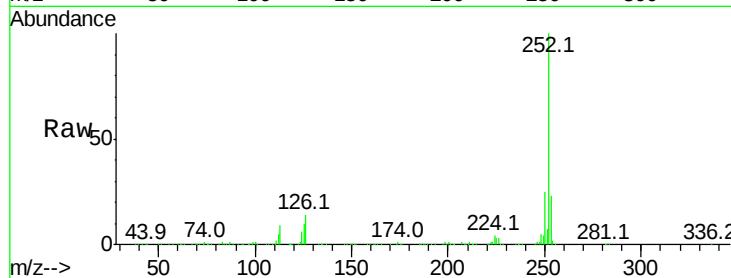




#89
Benzo(a)pyrene
Concen: 41.948 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

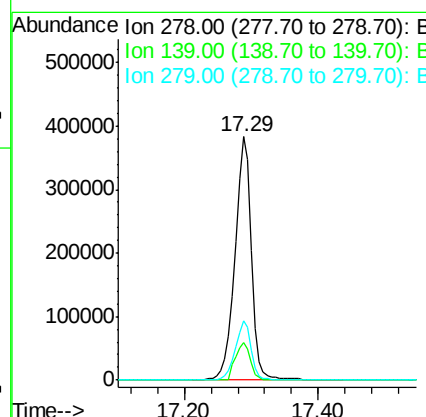
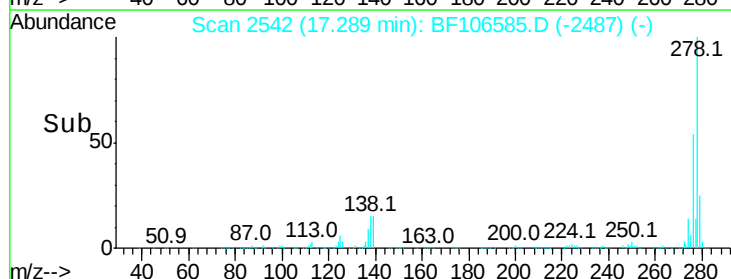
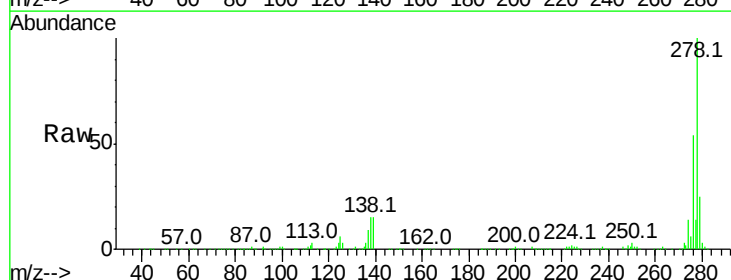
Instrument :
BNA_F
ClientSampleId :

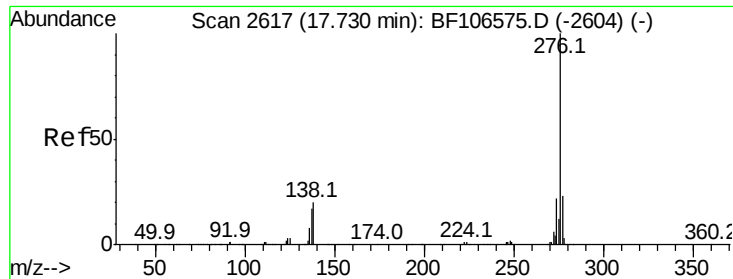
Tot Ion:252 Resp: 630474
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.573 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF106585.D
Acq: 19 Jun 2018 16:40

Tgt Ion:278 Resp: 669662
Ion Ratio Lower Upper
278 100
139 15.5 15.9 23.9#
279 24.5 19.0 28.4

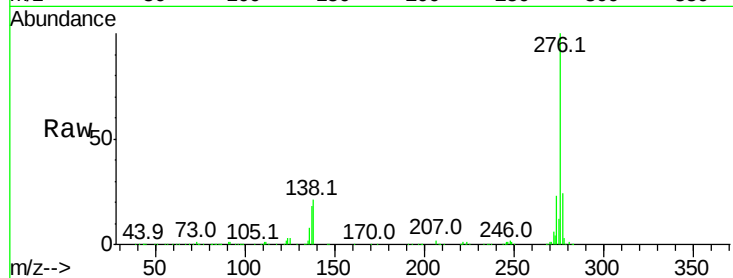




#91
 Benzo(a,h,i)perylene
 Concen: 56.154 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. 0.02 min
 Lab File: BF106585.D
 Acq: 19 Jun 2018 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.9	21.8	32.8



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

