

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107058.D
 Acq On : 2 Jul 2018 22:28
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:25:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58340	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	230633	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	111478	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	195262	20.00	ng	0.00
75) Chrysene-d12	14.15	240	153478	20.00	ng	-0.01
86) Perylene-d12	15.70	264	137433	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	277906	80.66	ng	0.00
7) Phenol-d6	6.61	99	332633	77.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	306188	73.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	95291	73.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	581754	89.03	ng	-0.01
78) Terphenyl-d14	13.08	244	577802	91.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	63326	35.752	ng	98
3) Pyridine	3.57	79	173540	36.126	ng	97
4) n-Nitrosodimethylamine	3.54	42	66944	32.811	ng	79
6) Aniline	6.62	93	218489	37.436	ng	# 76
8) 2-Chlorophenol	6.75	128	149763	39.632	ng	96
9) Benzaldehyde	6.51	77	106568	35.379	ng	97
10) Phenol	6.62	94	181715	37.008	ng	# 69
11) bis(2-Chloroethyl)ether	6.69	93	151088	37.272	ng	99
12) 1,3-Dichlorobenzene	6.90	146	179600	40.579	ng	95
13) 1,4-Dichlorobenzene	6.98	146	179816	40.186	ng	97
14) 1,2-Dichlorobenzene	7.13	146	168698	41.138	ng	97
15) Benzyl Alcohol	7.10	79	124410	36.011	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	155245	29.190	ng	# 1
17) 2-Methylphenol	7.22	107	131665	40.715	ng	# 93
18) Hexachloroethane	7.47	117	43380	27.569	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	108435	38.234	ng	95
20) 3+4-Methylphenols	7.37	107	156901	44.923	ng	# 69
22) Acetophenone	7.37	105	210508	40.797	ng	# 98
24) Nitrobenzene	7.55	77	157365	37.141	ng	98
25) Isophorone	7.78	82	267832	36.624	ng	98
26) 2-Nitrophenol	7.86	139	56692	28.344	ng	96
27) 2,4-Dimethylphenol	7.90	122	120238	38.892	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	187854	38.259	ng	99
29) 2,4-Dichlorophenol	8.11	162	127476	39.385	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	151181	42.400	ng	98
31) Naphthalene	8.27	128	424027	39.324	ng	99
32) Benzoic acid	8.05	122	15141	11.660	ng	90
33) 4-Chloroaniline	8.32	127	175332	38.752	ng	98
34) Hexachlorobutadiene	8.37	225	103360	44.488	ng	98
35) Caprolactam	8.70	113	39564	37.499	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	127856	37.530	ng	96
37) 2-Methylnaphthalene	8.95	142	300088	41.987	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	161080	42.906	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	89218	35.752	ng	95

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107058.D
 Acq On : 2 Jul 2018 22:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

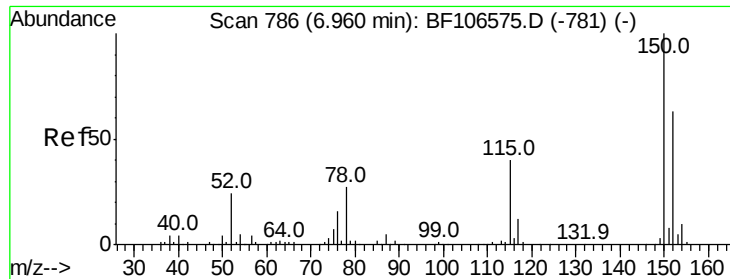
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:25:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

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

43) 2,4,5-Trichlorophenol	9.30	196	91203	35.024	nq	# 88
45) 1,1'-Biphenyl	9.42	154	374197	42.119	nq	99
46) 2-Chloronaphthalene	9.45	162	264136	37.770	nq	96
47) 2-Nitroaniline	9.55	65	83032	35.309	nq	93
48) Acenaphthylene	9.87	152	408276	36.979	nq	99
49) Dimethylphthalate	9.71	163	326417	39.040	nq	98
50) 2,6-Dinitrotoluene	9.79	165	61457	34.712	nq	# 85
51) Acenaphthene	10.04	154	259225	37.285	nq	98
52) 3-Nitroaniline	9.97	138	76257	37.430	nq	98
53) 2,4-Dinitrophenol	10.08	184	2526	7.913	nq	# 23
54) Dibenzofuran	10.21	168	376785	39.578	nq	97
55) 4-Nitrophenol	10.15	139	22239	15.638	nq	97
56) 2,4-Dinitrotoluene	10.20	165	73236	31.691	nq	93
57) Fluorene	10.55	166	297442	39.372	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	70465	34.042	nq	# 79
59) Diethylphthalate	10.41	149	312830	38.766	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	163722	41.420	nq	89
61) 4-Nitroaniline	10.58	138	72813	36.011	nq	97
62) Azobenzene	10.70	77	258472	32.526	nq	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	11305	9.366	nq	# 74
65) n-Nitrosodiphenylamine	10.66	169	271380	41.320	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	104625	44.897	nq	# 80
67) Hexachlorobenzene	11.11	284	104562	42.870	nq	# 81
68) Atrazine	11.18	200	69453	33.265	nq	93
69) Pentachlorophenol	11.31	266	17316	14.229	nq	99
70) Phenanthrene	11.52	178	393211	41.752	nq	99
71) Anthracene	11.58	178	401989	41.818	nq	99
72) Carbazole	11.74	167	348015	38.668	nq	98
73) Di-n-butylphthalate	12.04	149	450978	42.534	nq	100
74) Fluoranthene	12.72	202	404200	38.939	nq	95
76) Benzidine	12.84	184	182124	41.666	nq	98
77) Pyrene	12.95	202	405721	40.088	nq	99
79) Butylbenzylphthalate	13.55	149	160593	38.593	nq	# 90
80) Benzo(a)anthracene	14.14	228	361831	38.682	nq	100
81) 3,3'-Dichlorobenzidine	14.10	252	134685	40.968	nq	# 96
82) Chrysene	14.18	228	338977	39.390	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	209625	39.404	nq	# 98
84) Di-n-octyl phthalate	14.72	149	365420	42.139	nq	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	285825	39.138	nq	# 90
87) Benzo(b)fluoranthene	15.24	252	324165	37.971	nq	# 96
88) Benzo(k)fluoranthene	15.27	252	323928	39.843	nq	# 95
89) Benzo(a)pyrene	15.64	252	288190	37.973	nq	# 96
90) Dibenzo(a,h)anthracene	17.30	278	246578	38.336	nq	# 94
91) Benzo(g,h,i)perylene	17.78	276	223092	35.486	nq	# 89

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

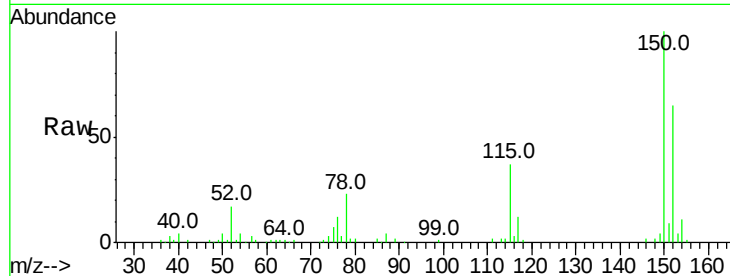


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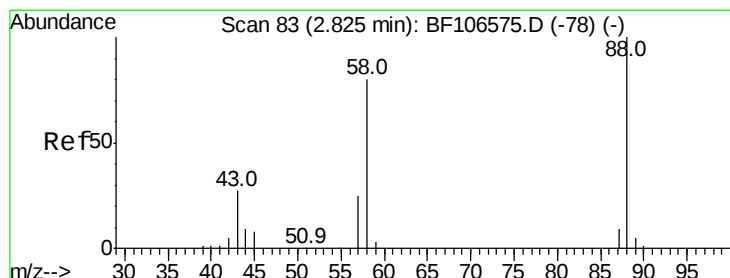
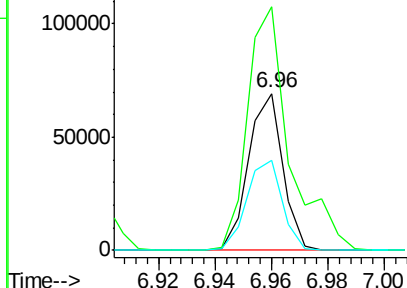
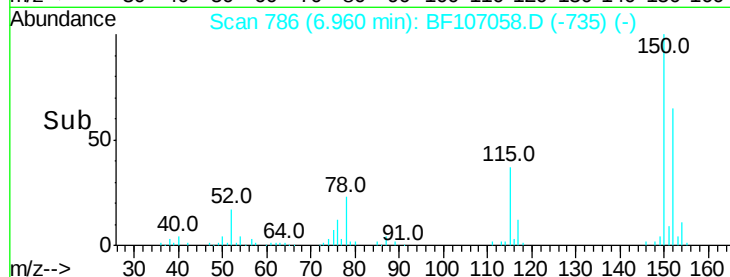
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58340
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 57.4 50.1 75.1



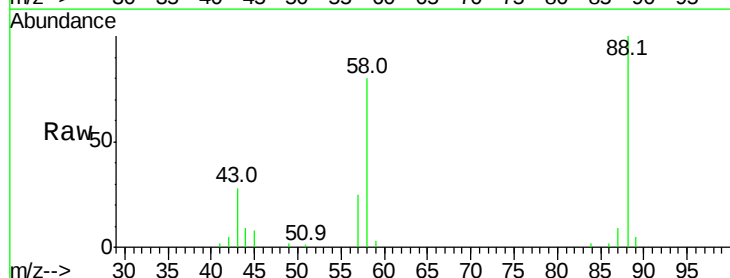
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



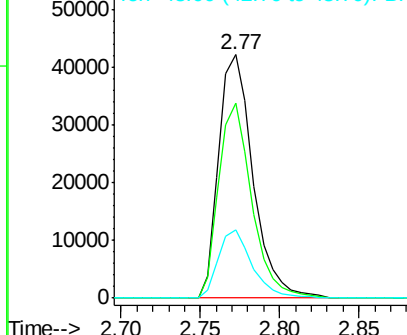
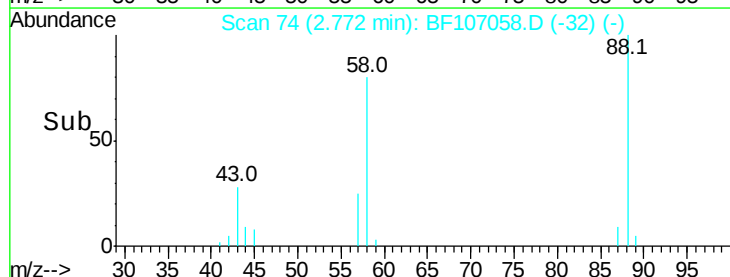
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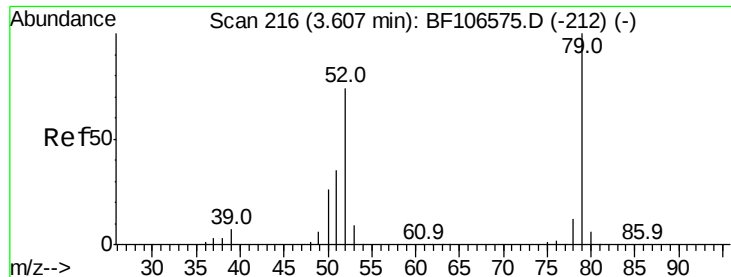
1,4-Dioxane
Concen: 35.752 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion: 88 Resp: 63326
Ion Ratio Lower Upper
88 100
58 77.6 62.6 93.8
43 27.6 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: 36.126 ng

RT: 3.57 min Scan# 210

Delta R.T. -0.04 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

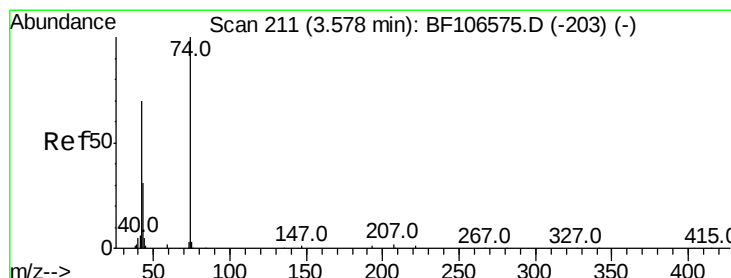
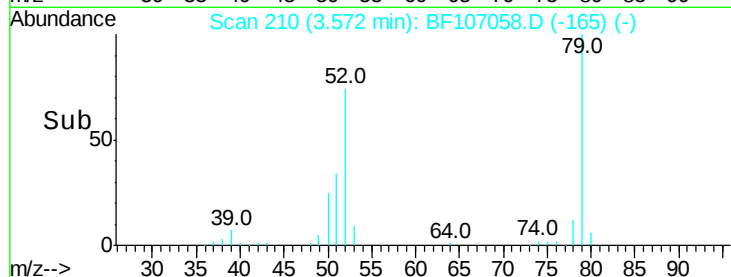
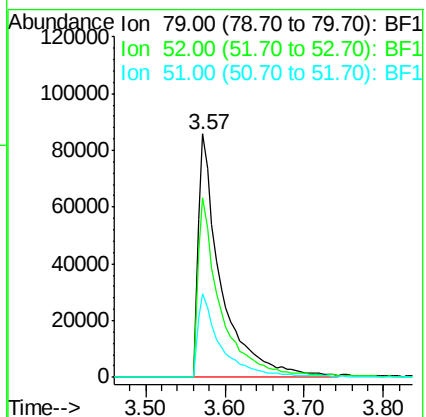
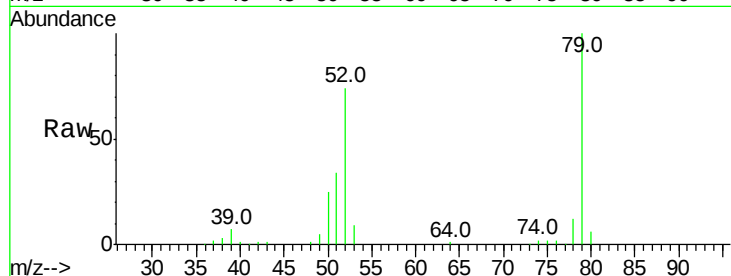
Tot Ion: 79 Resp: 173540

Ion Ratio Lower Upper

79 100

52 73.6 59.8 89.6

51 34.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.811 ng

RT: 3.54 min Scan# 204

Delta R.T. -0.05 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

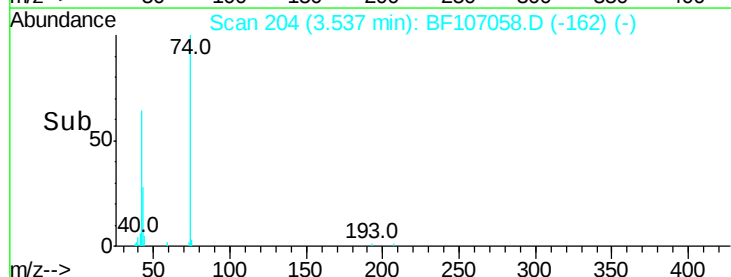
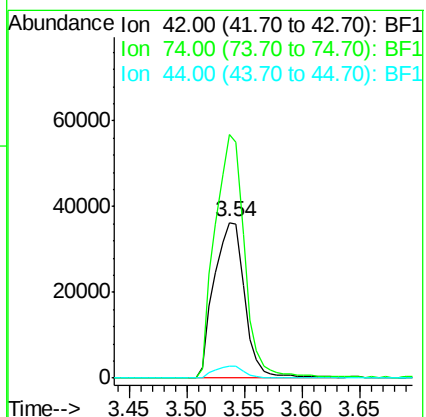
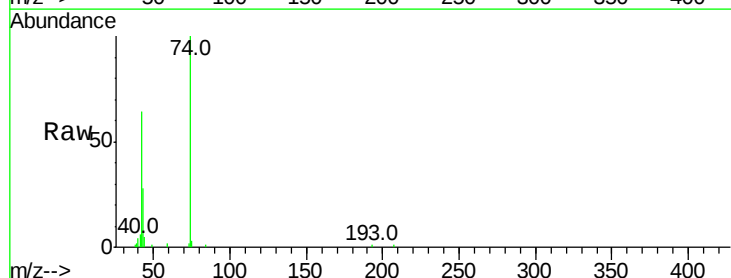
Tgt Ion: 42 Resp: 66944

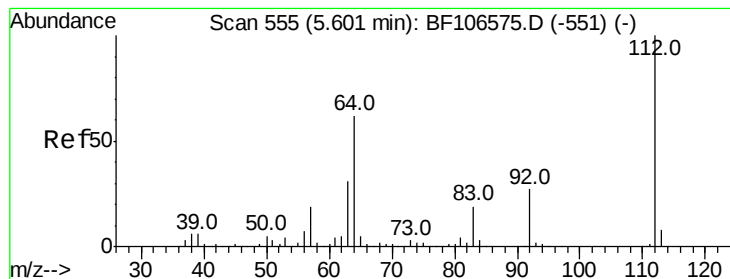
Ion Ratio Lower Upper

42 100

74 156.8 104.9 157.3

44 7.5 6.9 10.3

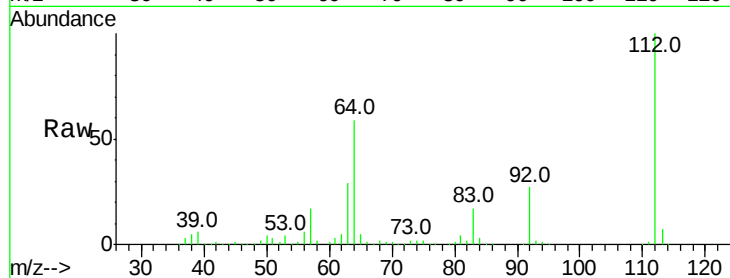




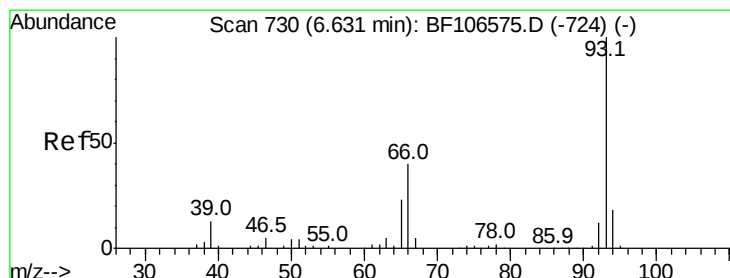
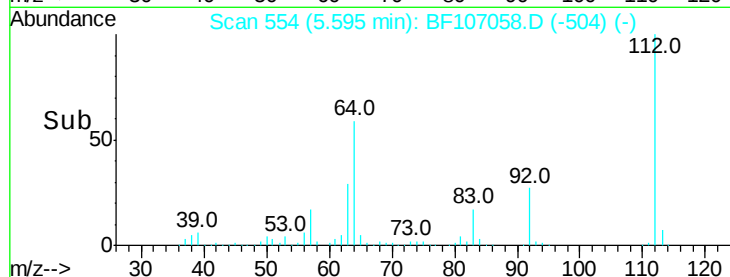
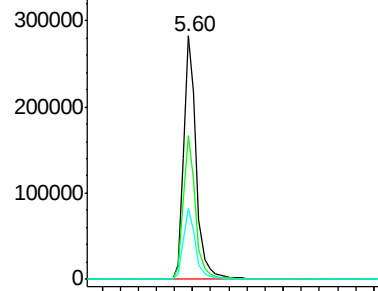
#5
 2-Fluorophenol
 Concen: 80.662 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 277906
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 29.2 23.7 35.5

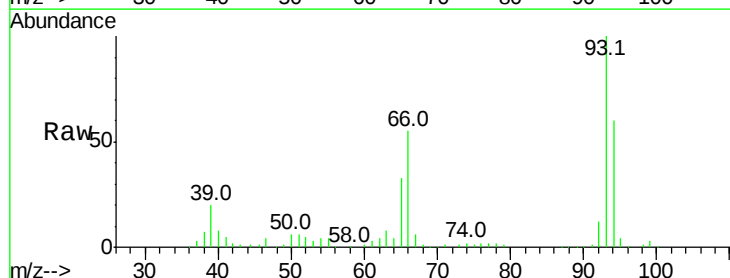


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

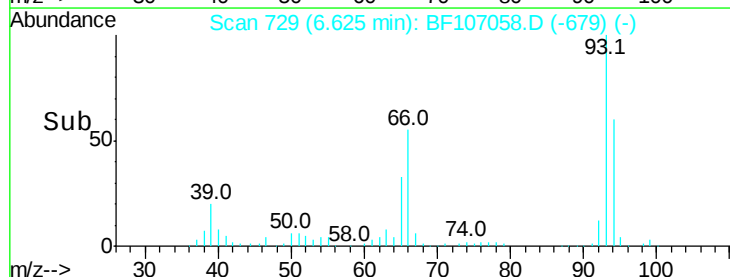
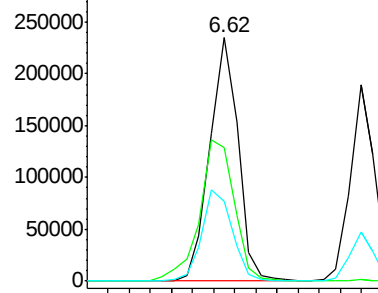


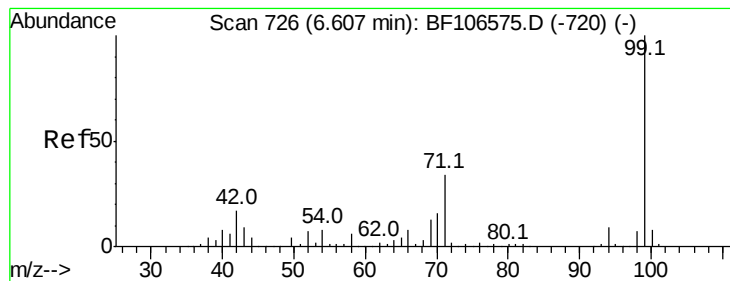
#6
 Aniline
 Concen: 37.436 ng
 RT: 6.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion: 93 Resp: 218489
 Ion Ratio Lower Upper
 93 100
 66 54.6 32.2 48.2#
 65 32.8 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: 77.311 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

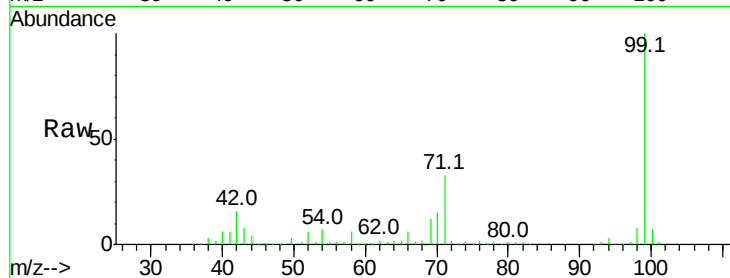
Tot Ion: 99 Resp: 332633

Ion Ratio Lower Upper

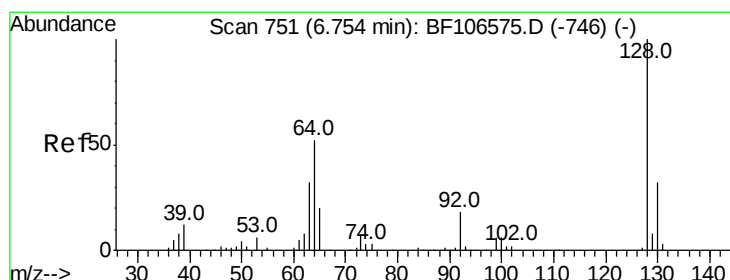
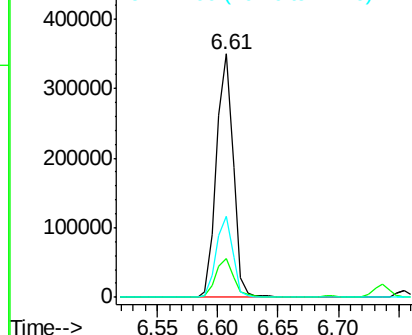
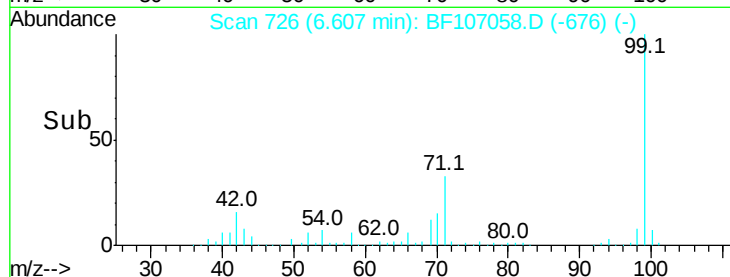
99 100

42 16.2 14.5 21.7

71 33.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.632 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

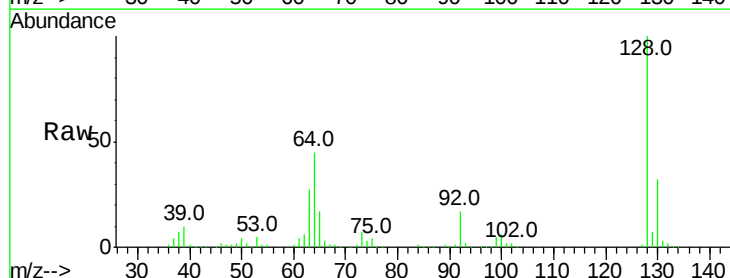
Tgt Ion: 128 Resp: 149763

Ion Ratio Lower Upper

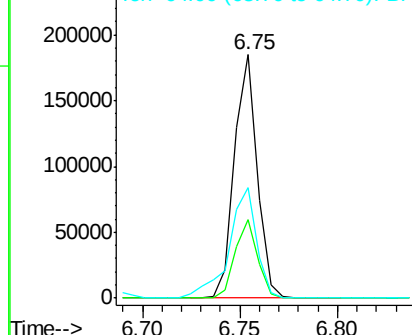
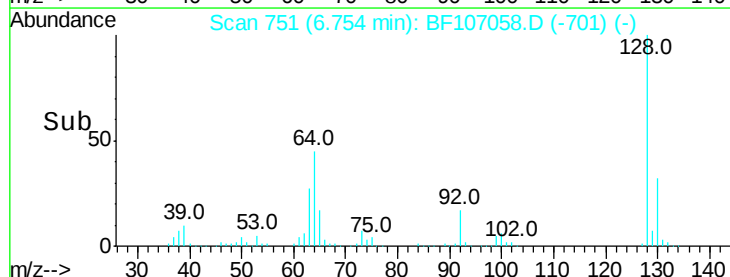
128 100

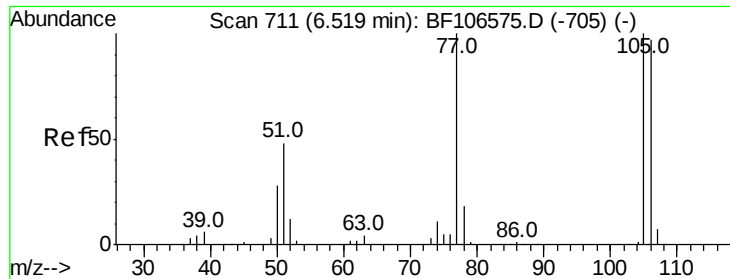
130 32.3 13.0 53.0

64 45.4 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

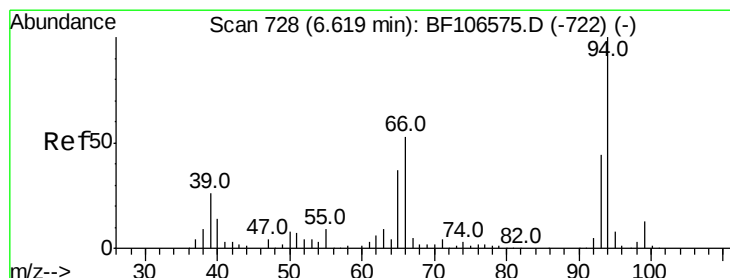
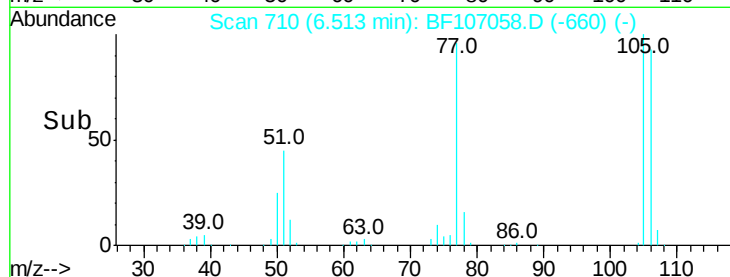
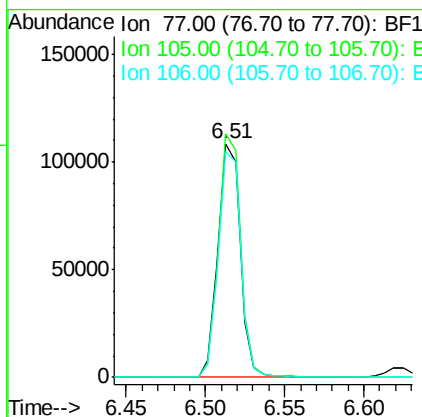
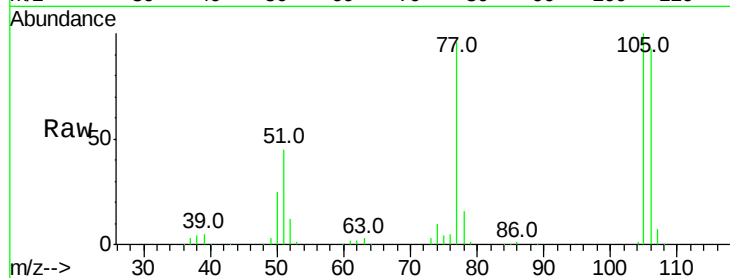




#9
Benzaldehyde
Concen: 35.379 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

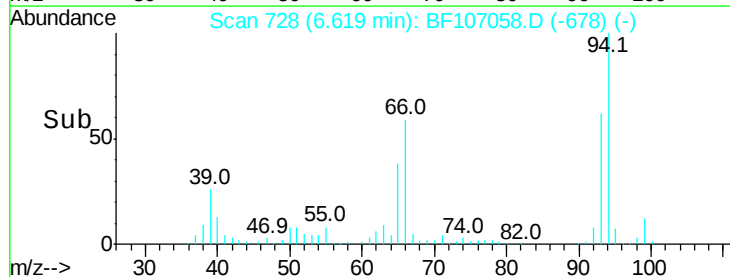
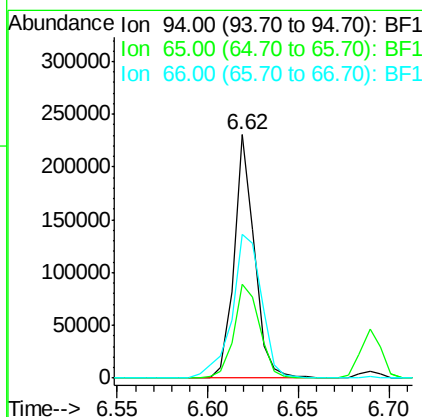
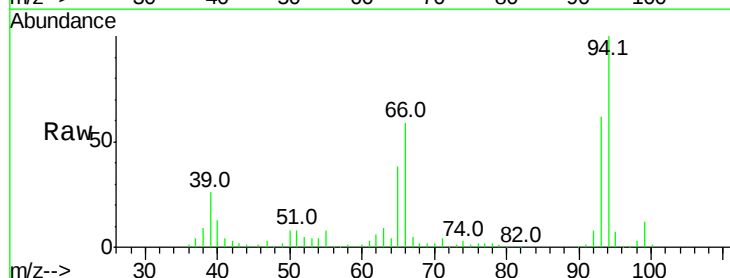
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 106568
Ion Ratio Lower Upper
77 100
105 104.2 81.1 121.1
106 96.6 74.5 114.5



#10
Phenol
Concen: 37.008 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion: 94 Resp: 181715
Ion Ratio Lower Upper
94 100
65 38.4 7.9 47.9
66 59.3 16.2 56.2#

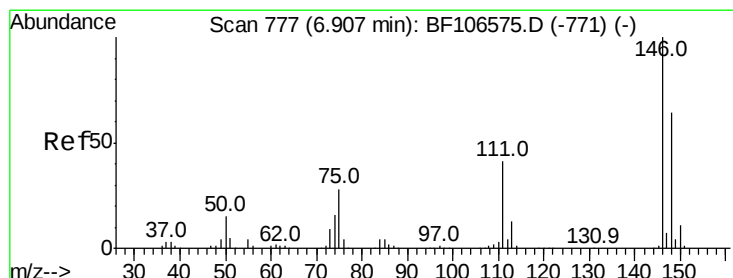
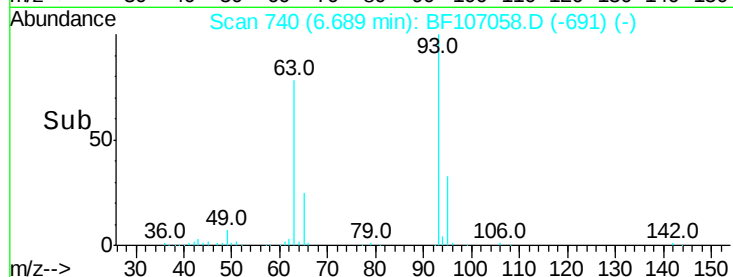
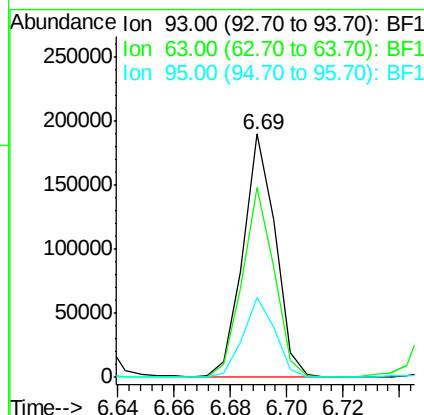
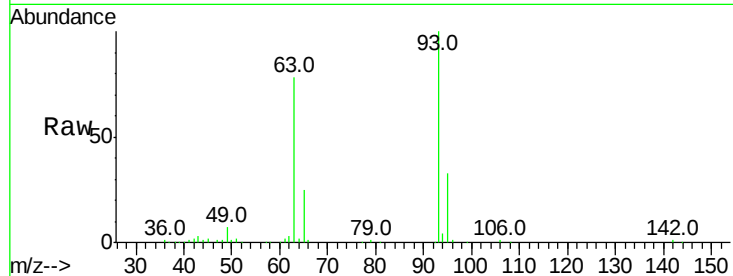




#11
 bis(2-Chloroethyl)ether
 Concen: 37.272 ng
 RT: 6.69 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

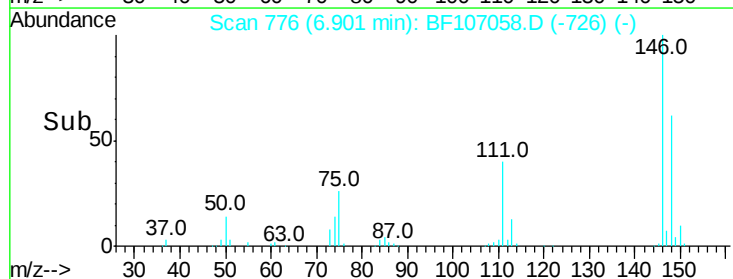
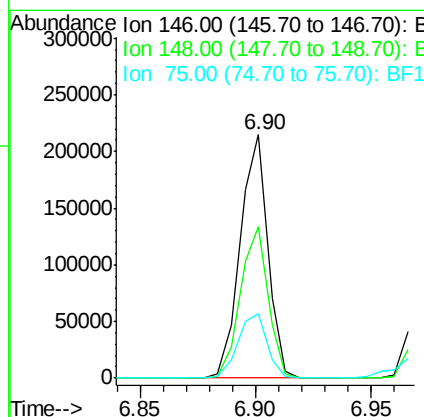
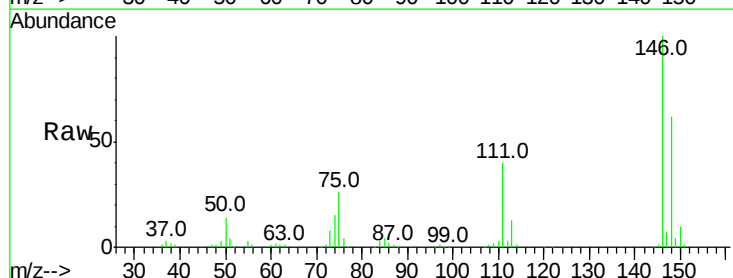
Instrument :
 BNA_F
 ClientSampleId :

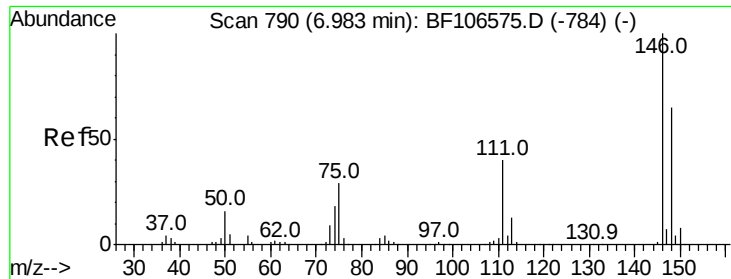
Tot Ion: 93 Resp: 151088
 Ion Ratio Lower Upper
 93 100
 63 77.9 58.6 98.6
 95 32.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 40.579 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion: 146 Resp: 179600
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.8 77.8
 75 26.2 24.2 36.4

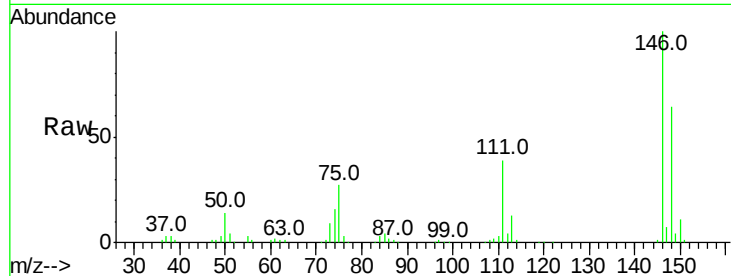




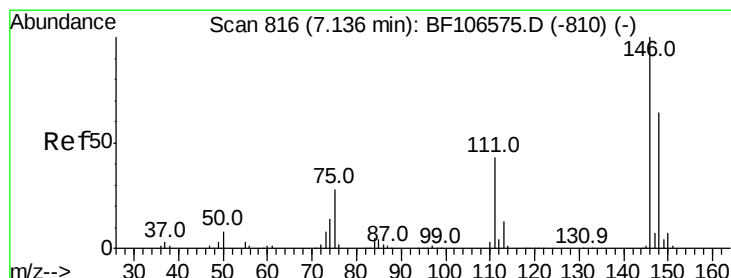
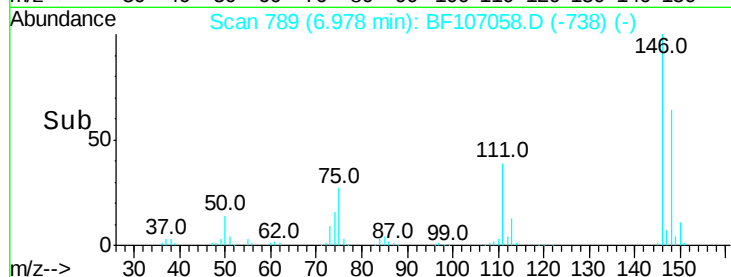
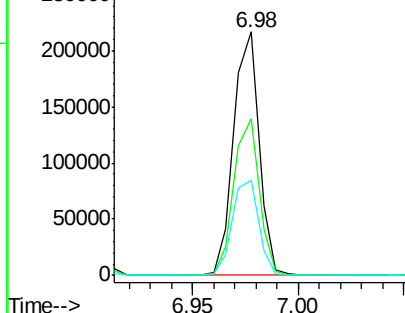
#13
 1,4-Dichlorobenzene
 Concen: 40.186 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 179816
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 39.2 34.2 51.2

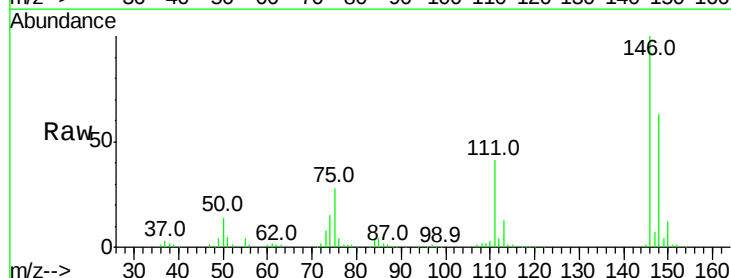


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

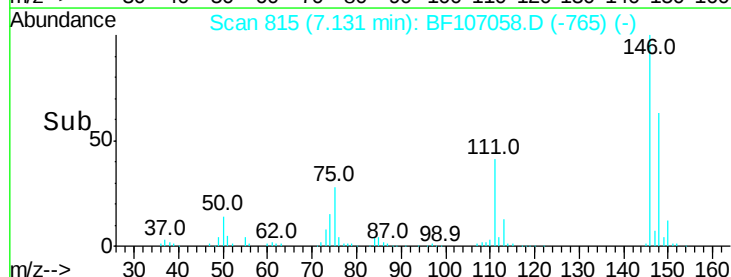
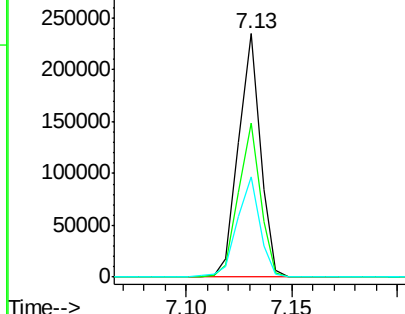


#14
 1,2-Dichlorobenzene
 Concen: 41.138 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:146 Resp: 168698
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 41.2 36.0 54.0



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

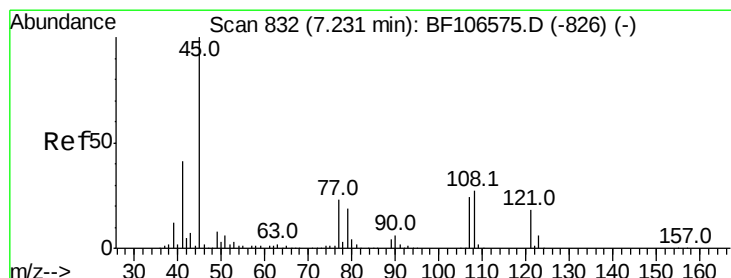
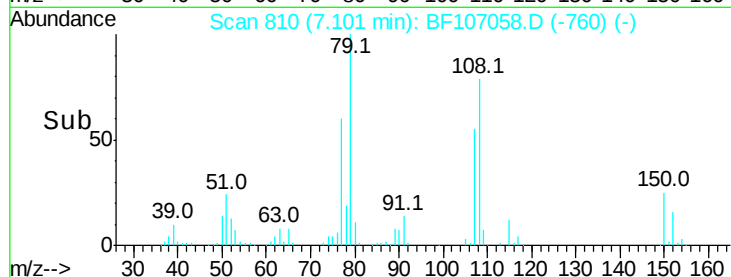
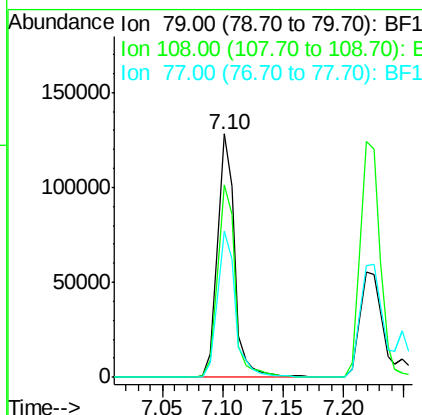
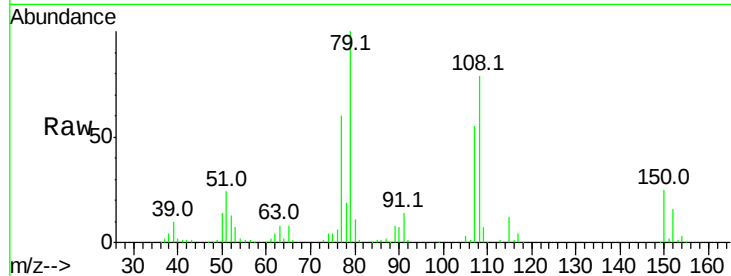




#15
Benzvl Alcohol
Concen: 36.011 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

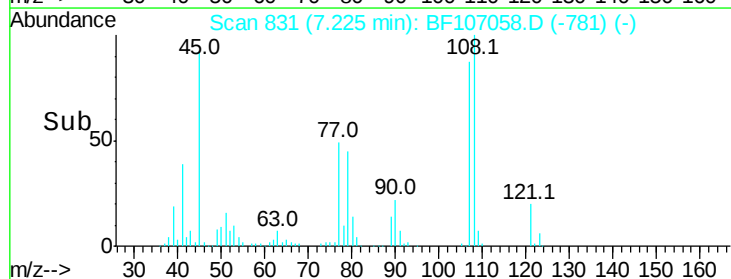
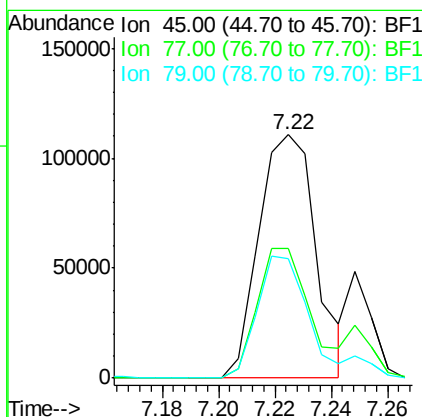
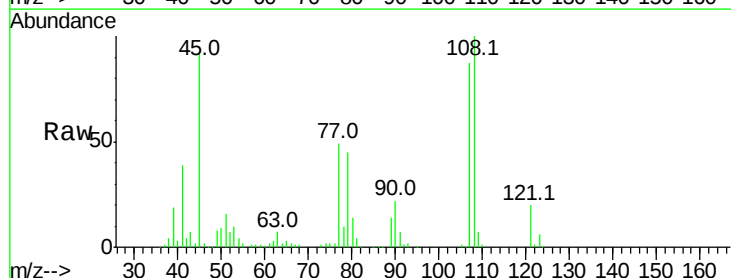
Instrument :
BNA_F
ClientSampleId :

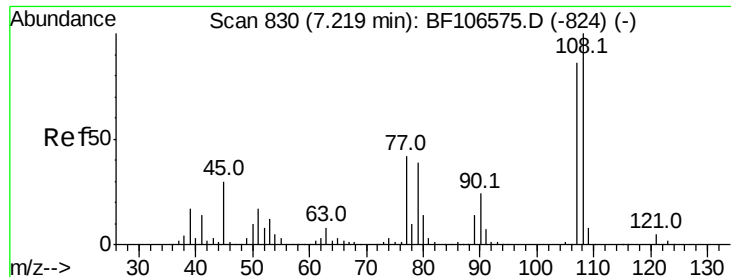
Tot Ion: 79 Resp: 124410
Ion Ratio Lower Upper
79 100
108 79.2 65.1 97.7
77 60.0 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.190 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion: 45 Resp: 155245
Ion Ratio Lower Upper
45 100
77 53.5 0.0 32.9#
79 49.1 0.0 29.6#

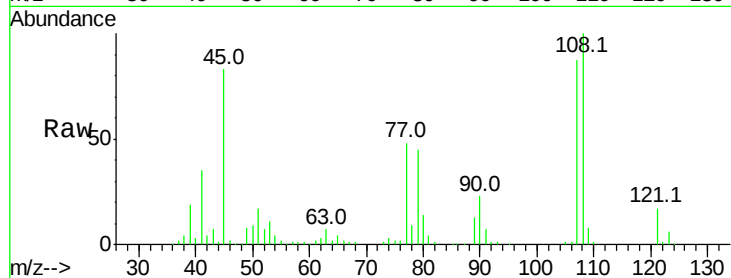




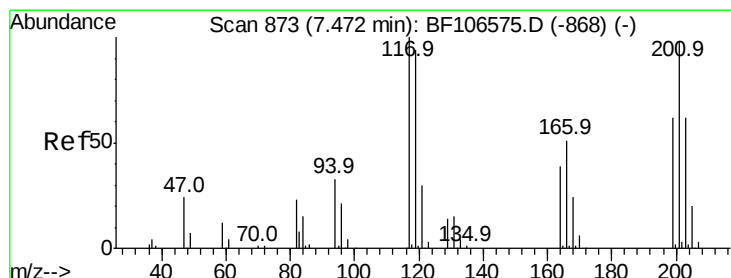
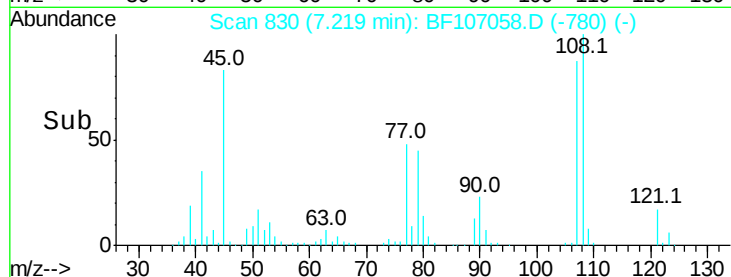
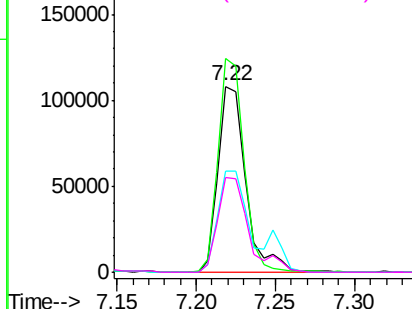
#17
2-Methylphenol
Concen: 40.715 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 131665
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 54.7 33.8 50.8#
79 51.3 33.8 50.8#

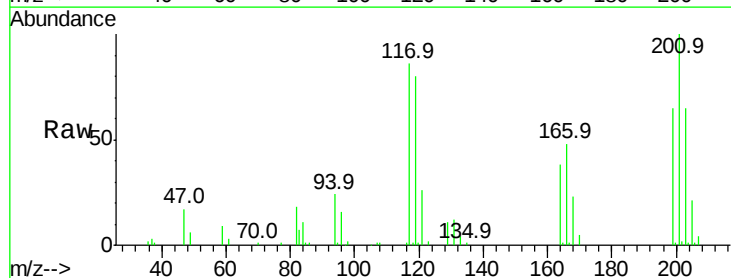


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

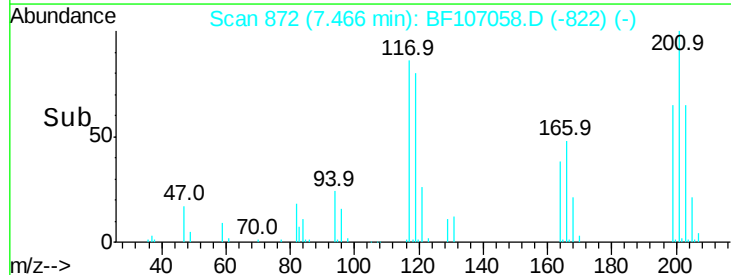
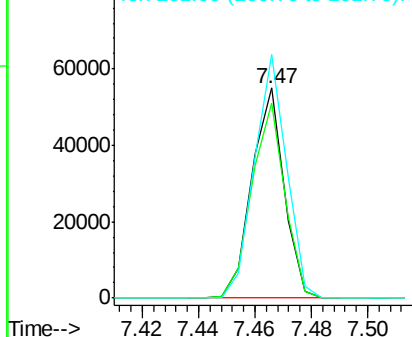


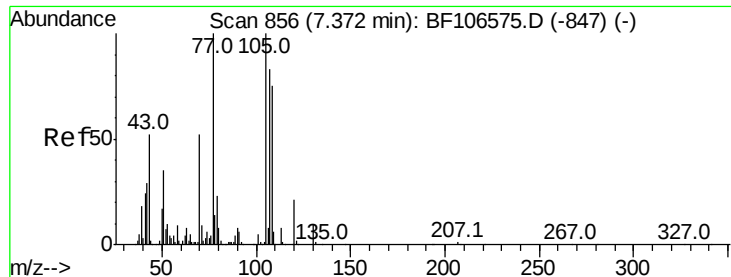
#18
Hexachloroethane
Concen: 27.569 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:117 Resp: 43380
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
201 115.8 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

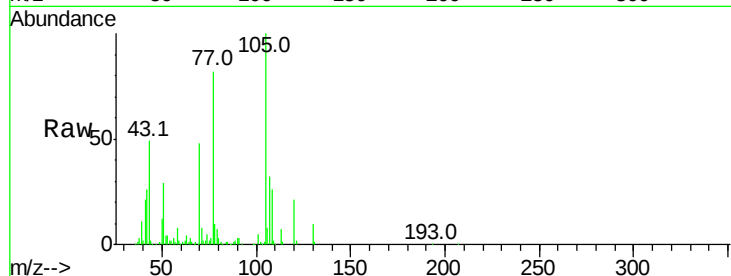




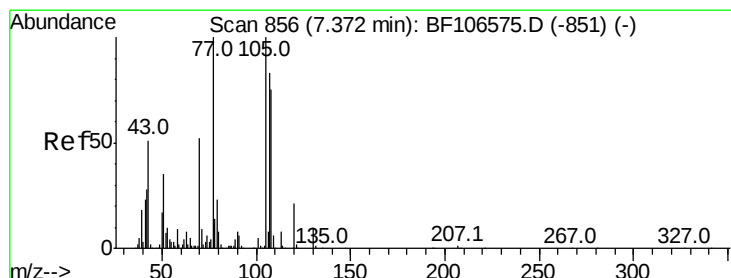
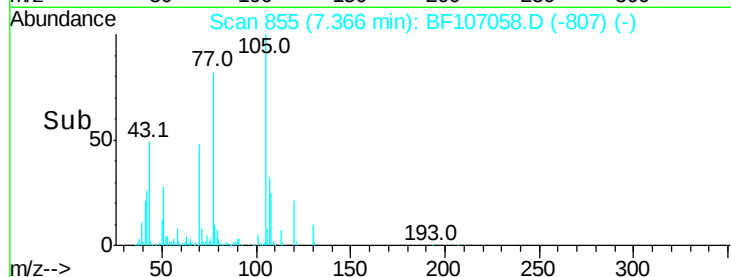
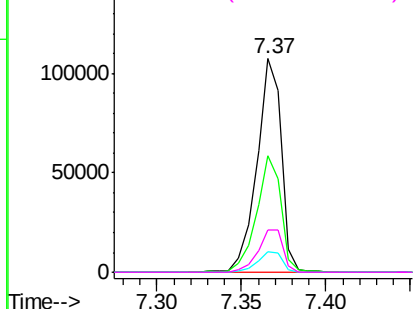
#19
n-Nitroso-di-n-propylamine
Concen: 38.234 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 108435
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 9.5 7.4 11.2
130 20.0 16.6 25.0

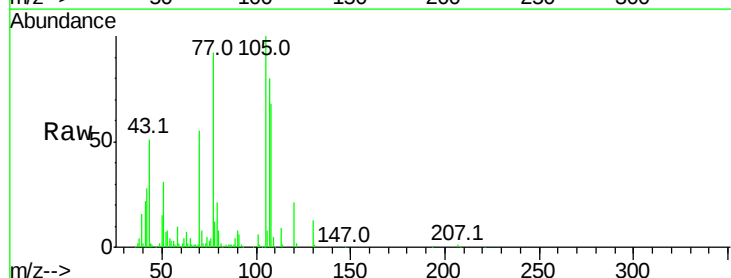


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

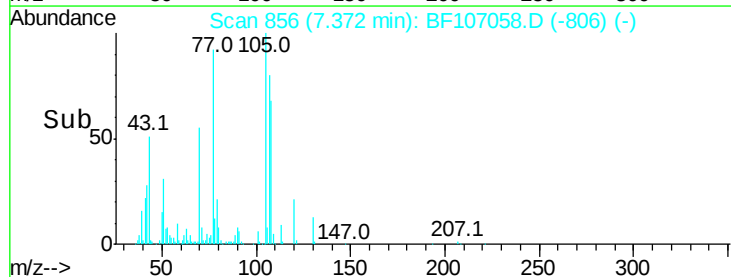
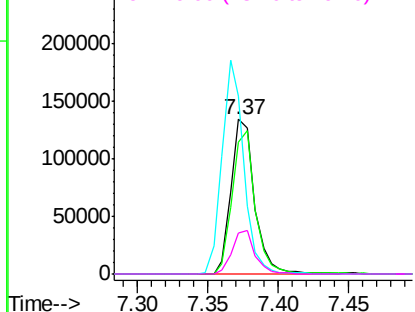


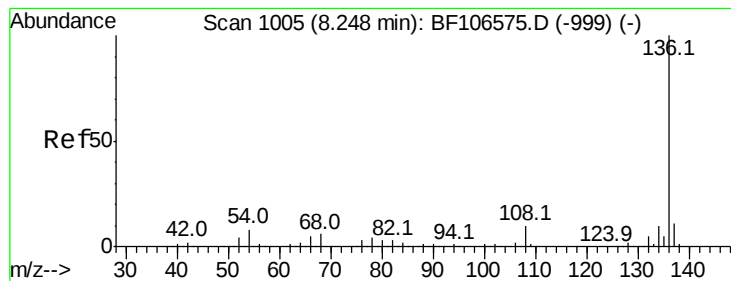
#20
3+4-Methylphenols
Concen: 44.923 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion: 107 Resp: 156901
Ion Ratio Lower Upper
107 100
108 85.6 68.2 108.2
77 115.2 26.7 66.7#
79 26.4 6.3 46.3



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 230633

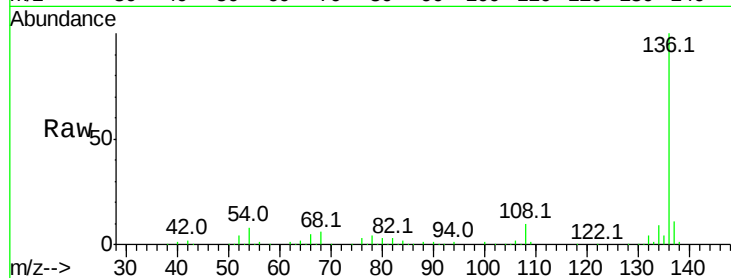
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

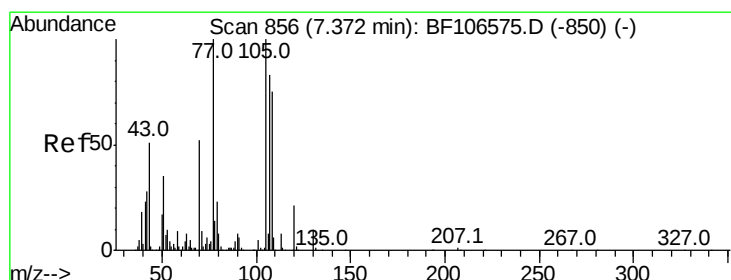
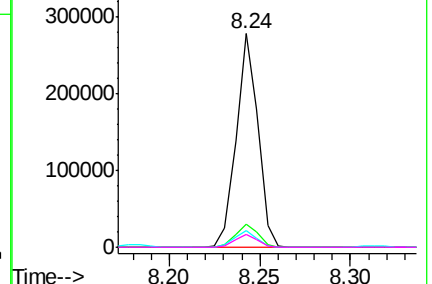
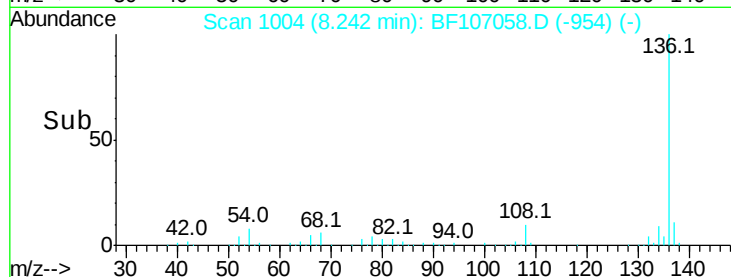


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.797 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Tgt Ion:105 Resp: 210508

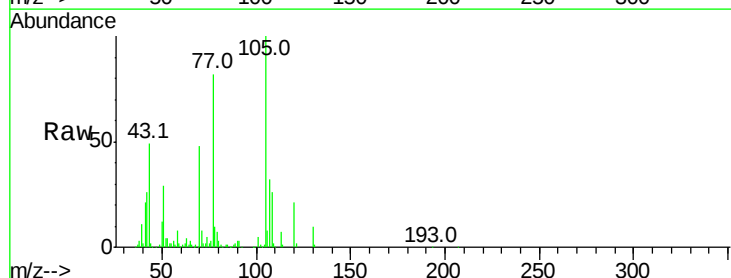
Ion Ratio Lower Upper

105 100

71 8.2 4.4 6.6#

51 28.7 22.3 33.5

120 20.6 16.9 25.3

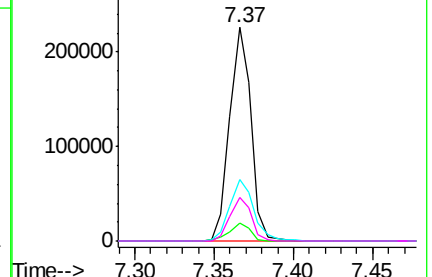
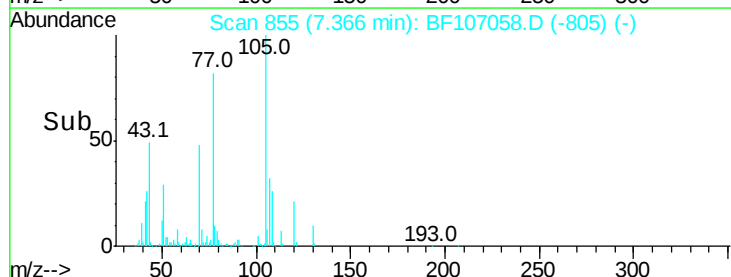


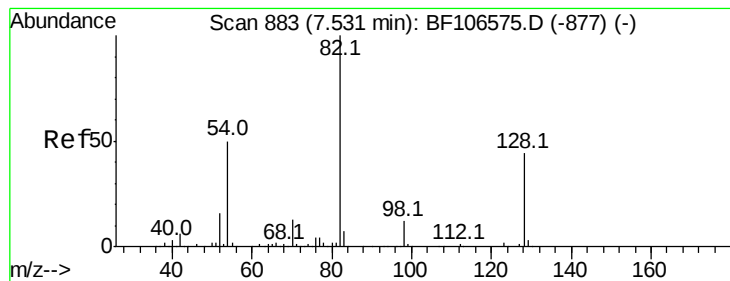
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.779 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

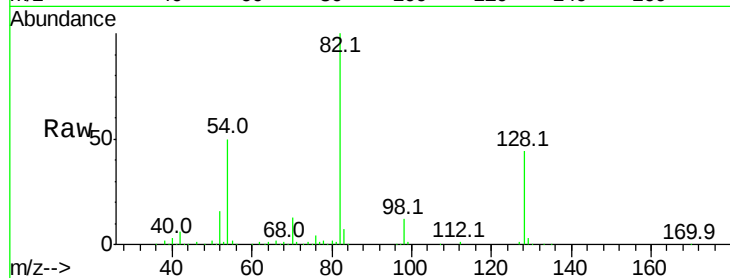
Tot Ion: 82 Resp: 306188

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

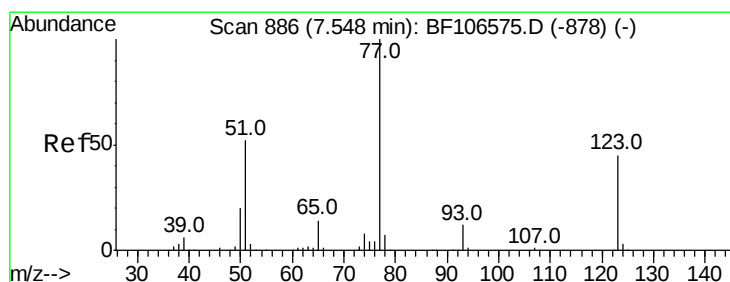
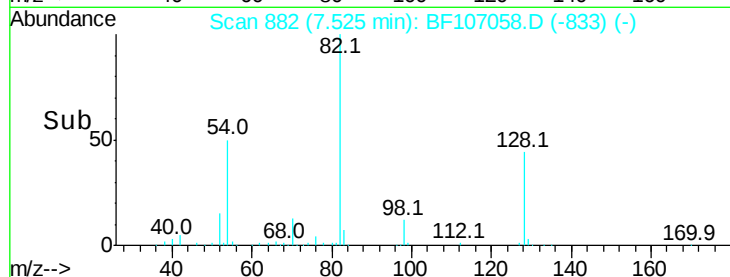
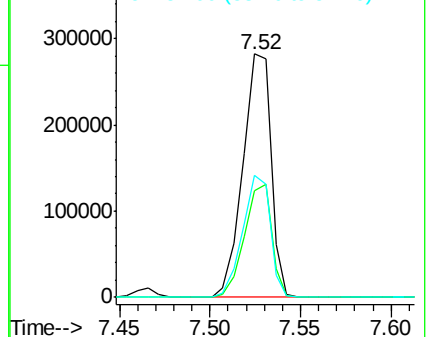
54 50.1 41.4 62.2



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: 37.141 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

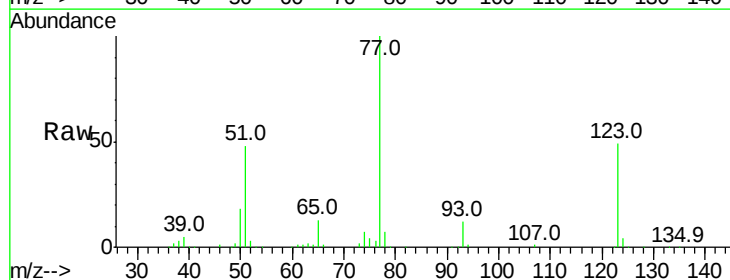
Tgt Ion: 77 Resp: 157365

Ion Ratio Lower Upper

77 100

123 48.9 37.9 56.9

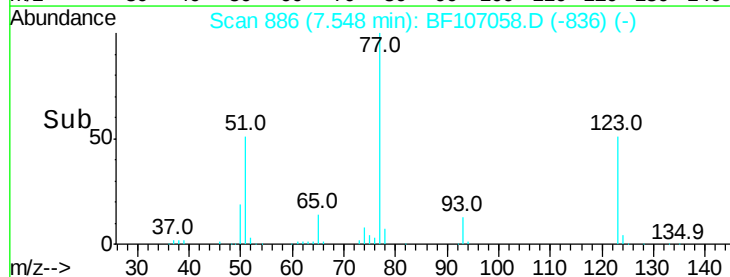
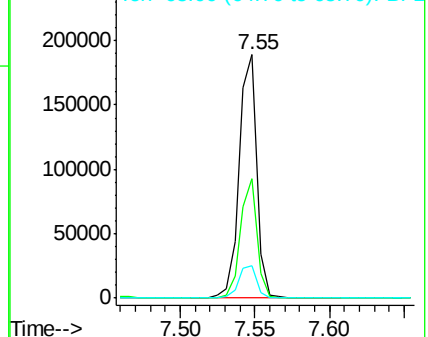
65 13.3 11.0 16.4

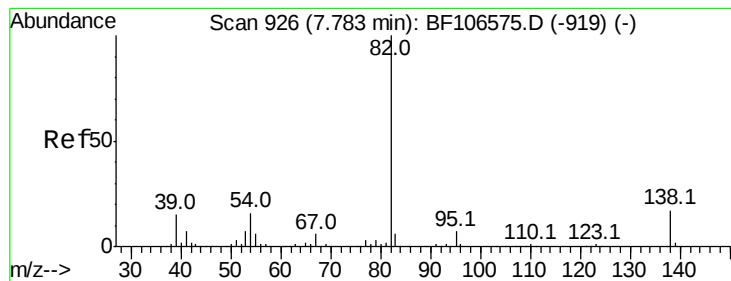


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.624 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

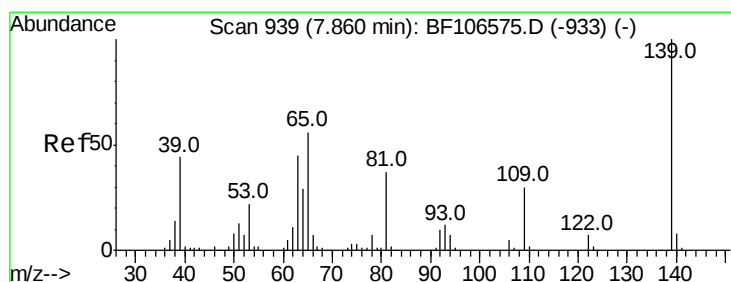
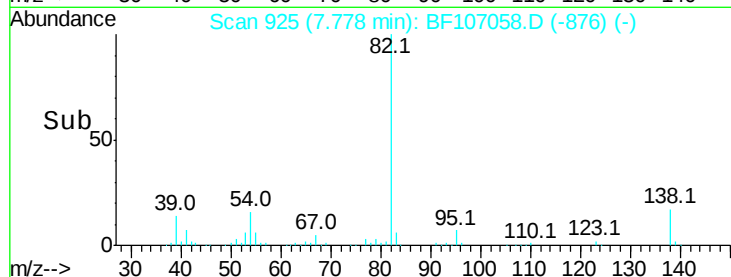
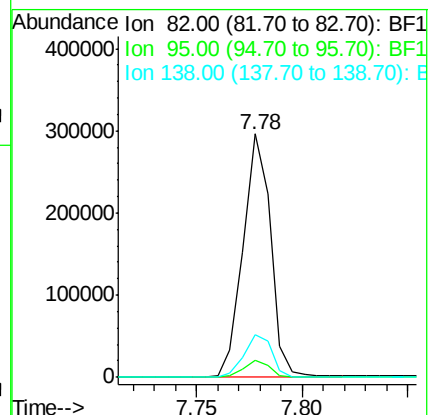
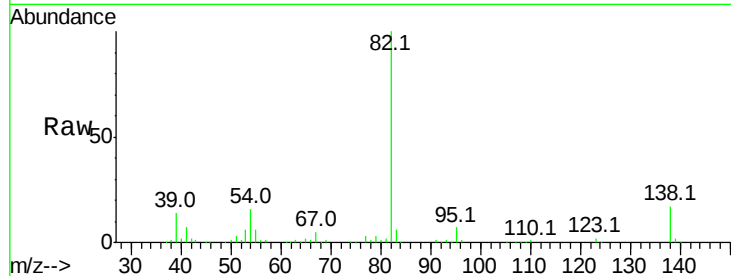
Tot Ion: 82 Resp: 267832

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 28.344 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

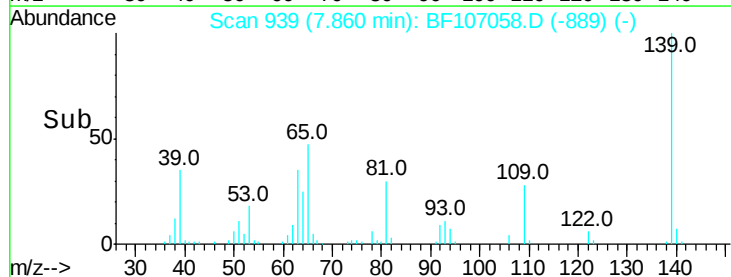
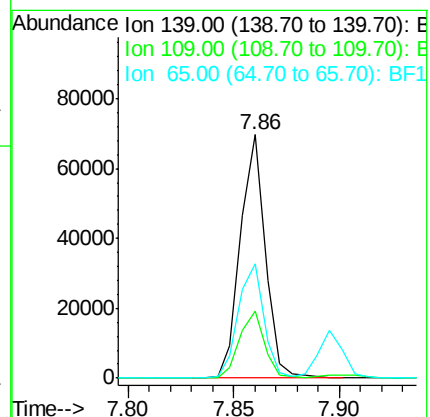
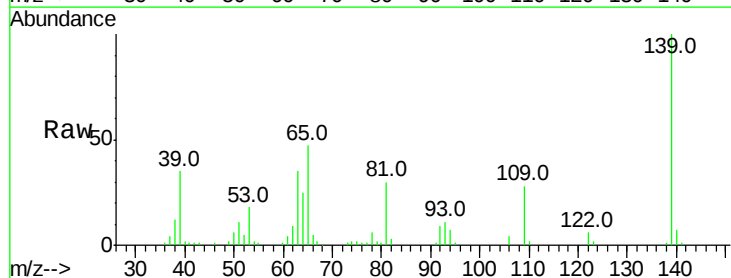
Tgt Ion: 139 Resp: 56692

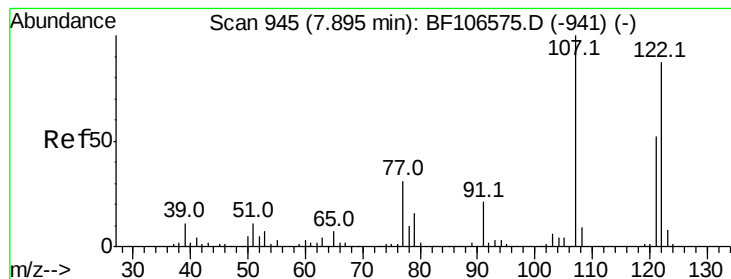
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 47.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.892 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

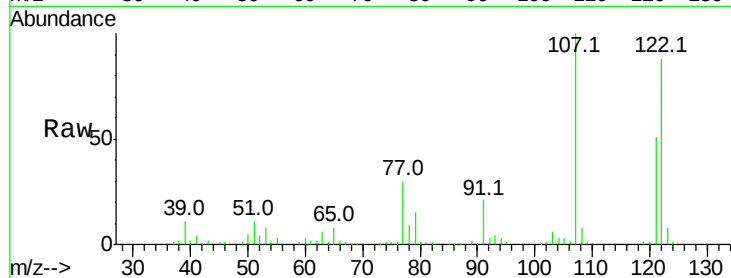
Tot Ion:122 Resp: 120238

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

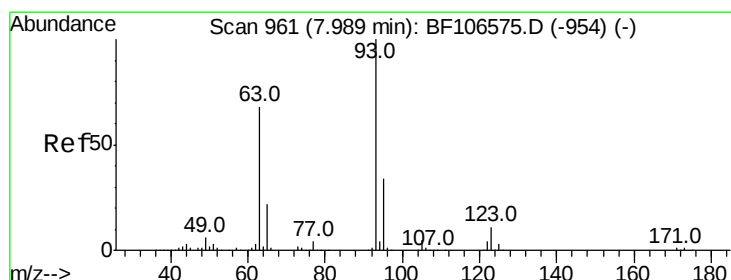
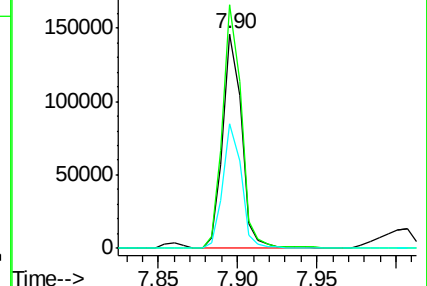
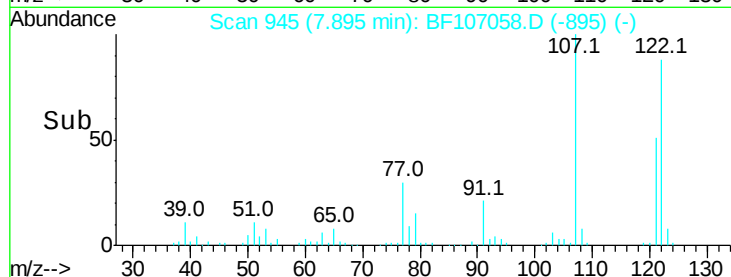
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.259 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

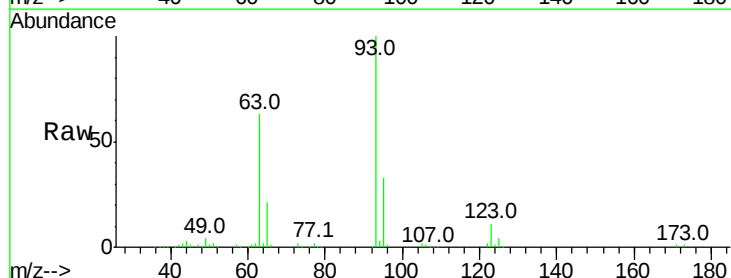
Tgt Ion: 93 Resp: 187854

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

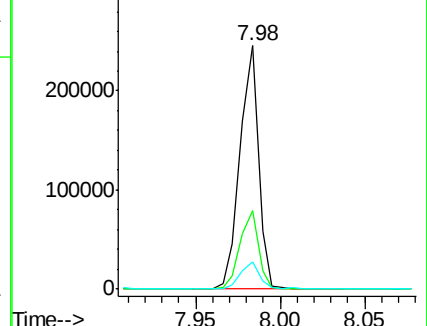
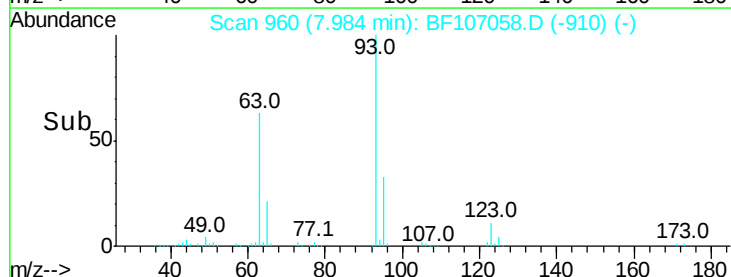
123 11.0 9.8 14.6

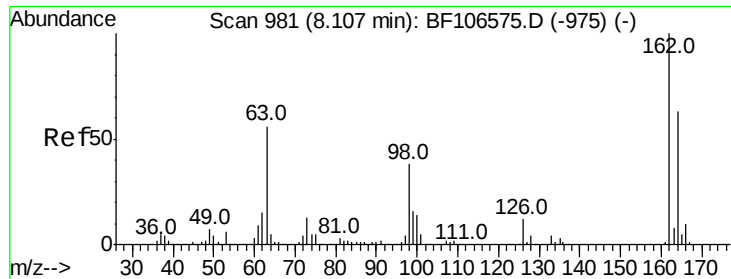


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

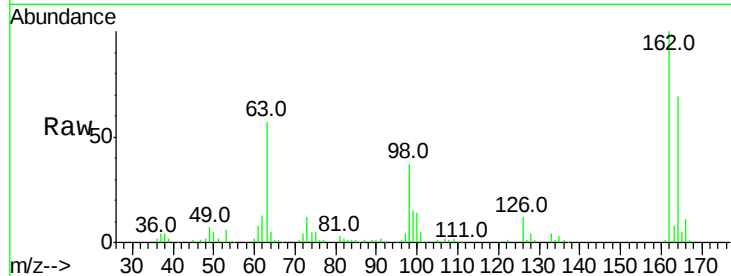




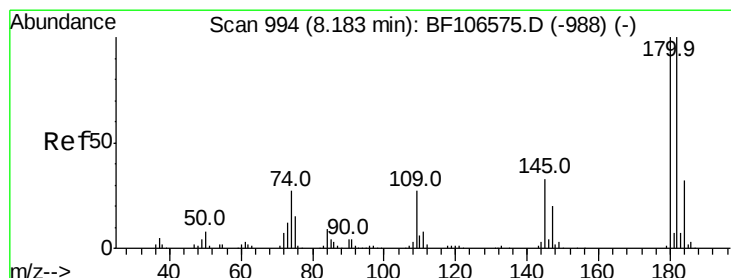
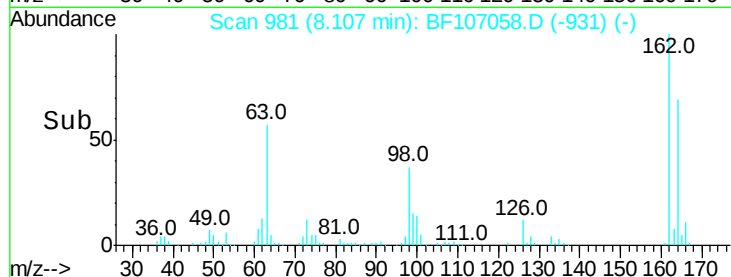
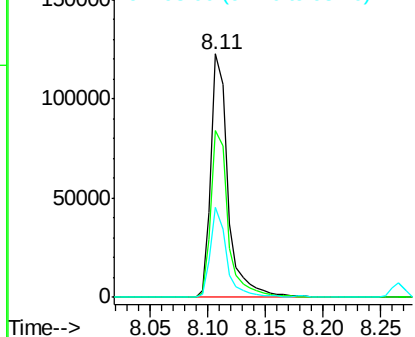
#29
 2,4-Dichlorophenol
 Concen: 39.385 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 127476
 Ion Ratio Lower Upper
 162 100
 164 68.7 42.7 82.7
 98 37.1 18.1 58.1

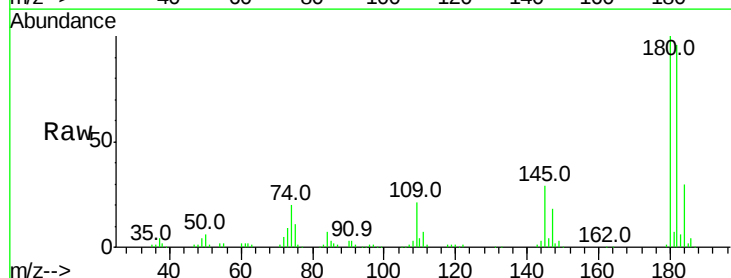


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

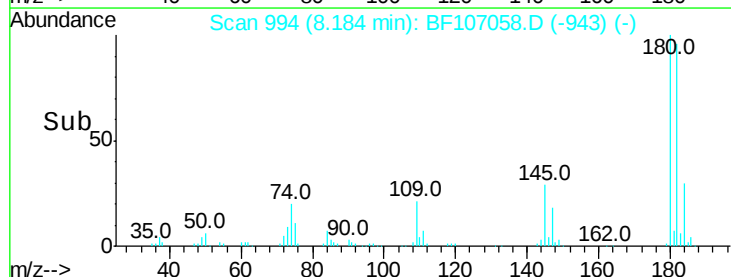
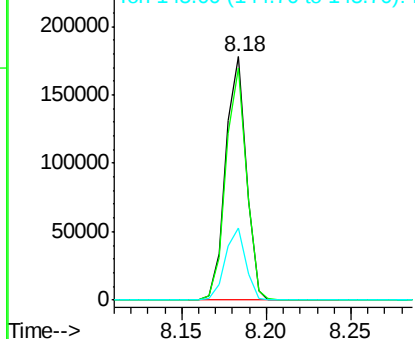


#30
 1,2,4-Trichlorobenzene
 Concen: 42.400 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:180 Resp: 151181
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 145 29.5 26.5 39.7



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





#31

Naphthalene

Concen: 39.324 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

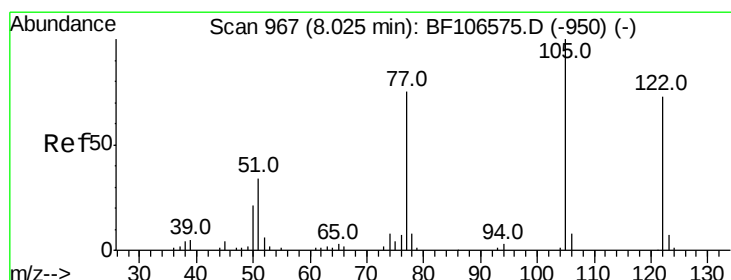
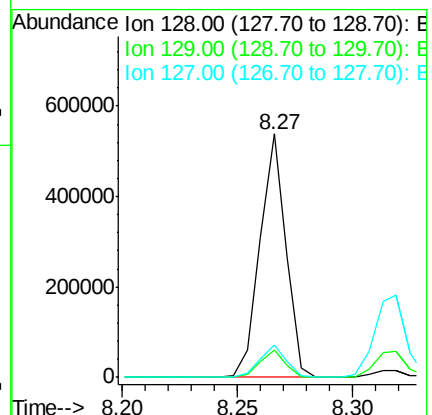
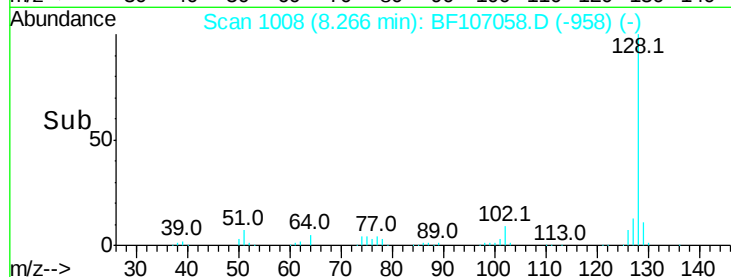
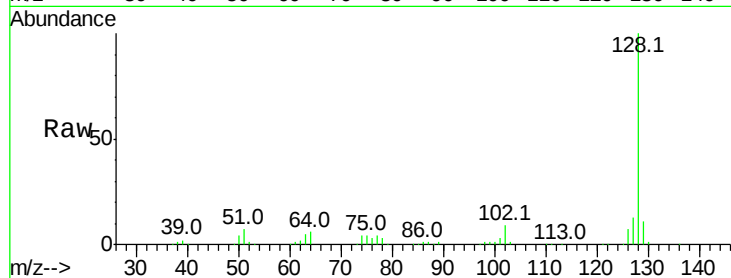
Tot Ion:128 Resp: 424027

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.4 10.9 16.3



#32

Benzoic acid

Concen: 11.660 ng

RT: 8.05 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

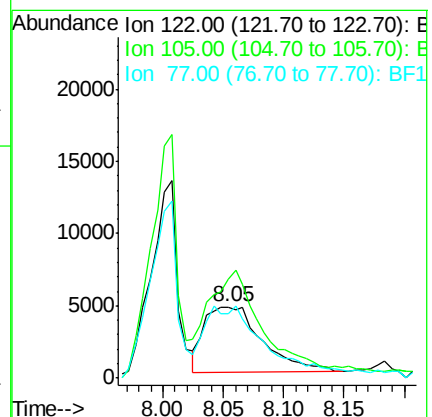
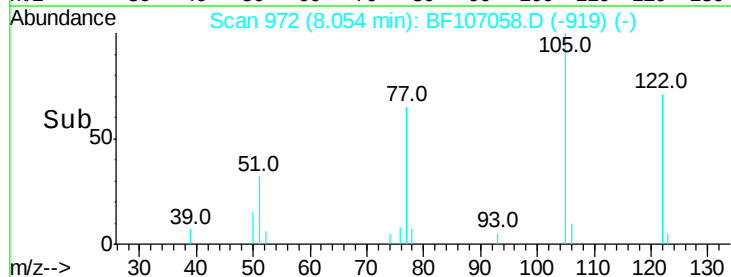
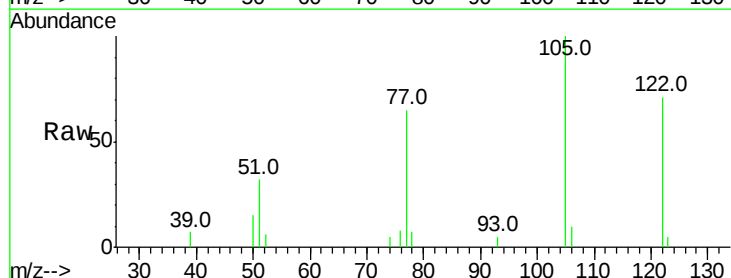
Tgt Ion:122 Resp: 15141

Ion Ratio Lower Upper

122 100

105 139.9 101.1 141.1

77 90.5 70.7 110.7

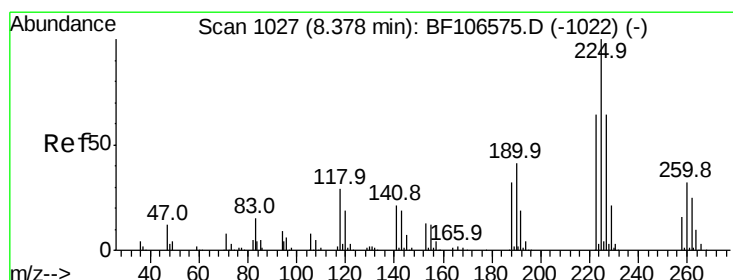
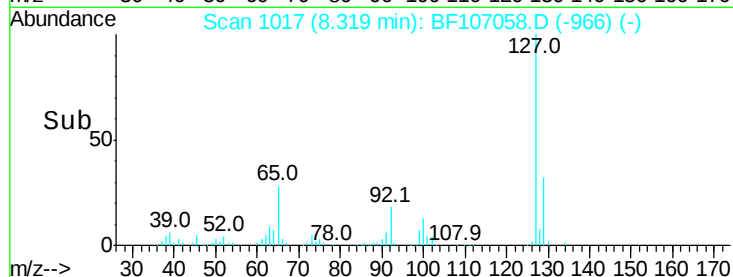
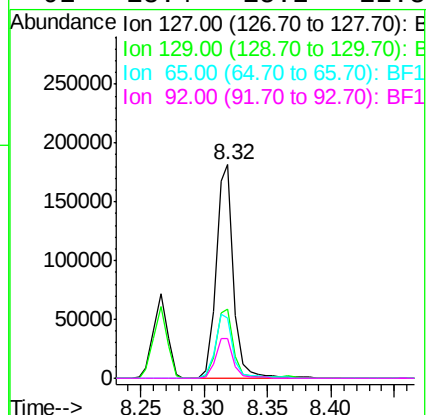
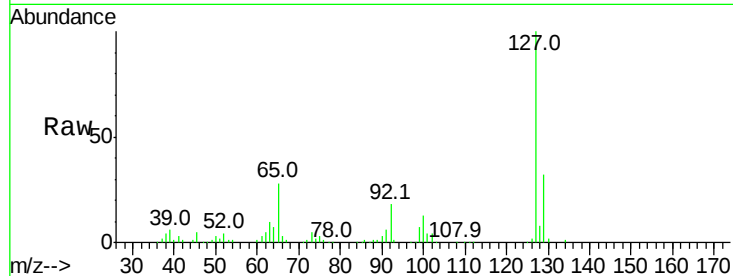




#33
4-Chloroaniline
Concen: 38.752 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

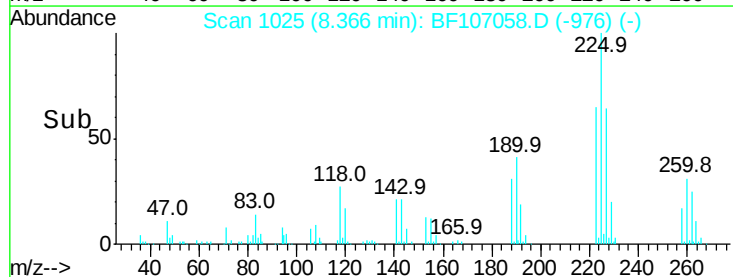
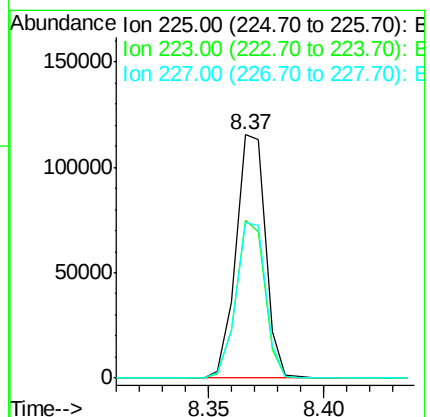
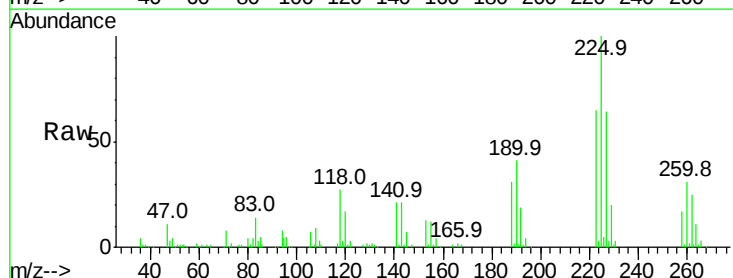
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	175332
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	28.4	25.0	37.4
92	18.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.488 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:	225	Resp:	103360
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.8	51.9	77.9

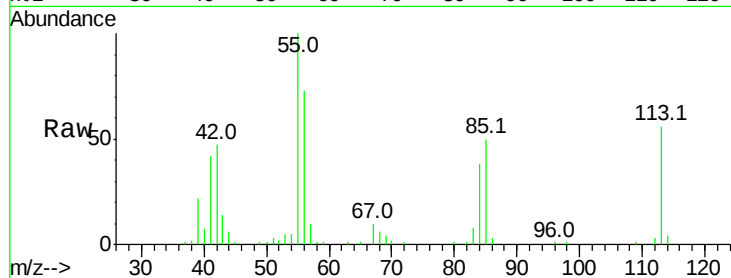




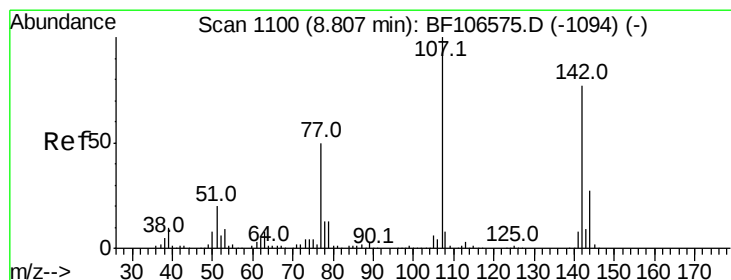
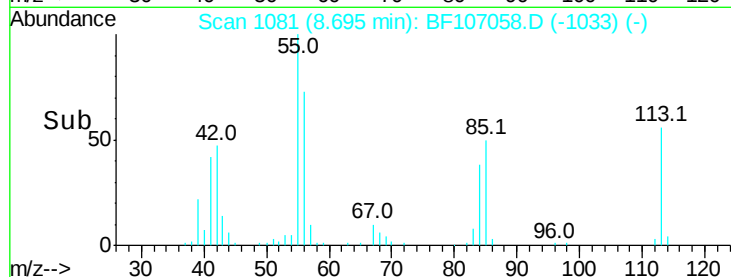
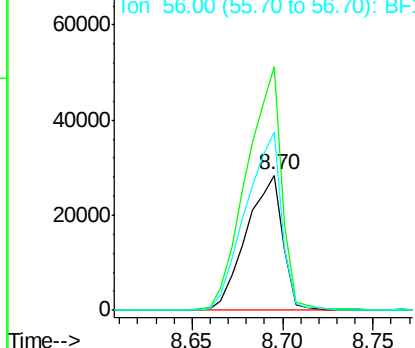
#35
 Caprolactam
 Concen: 37.499 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 39564
 Ion Ratio Lower Upper
 113 100
 55 179.8 163.3 203.3
 56 131.9 115.7 155.7

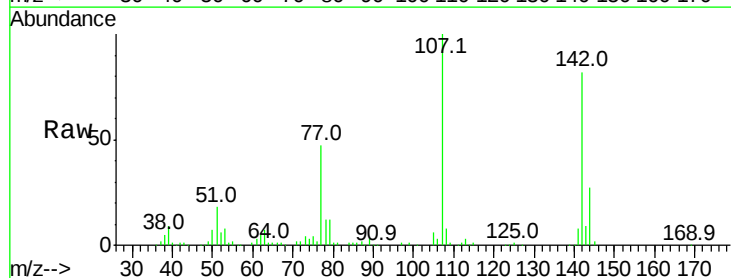


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

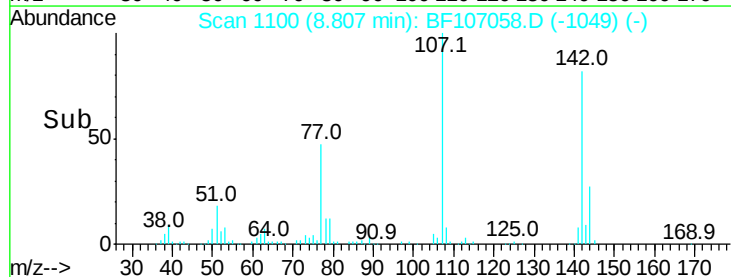
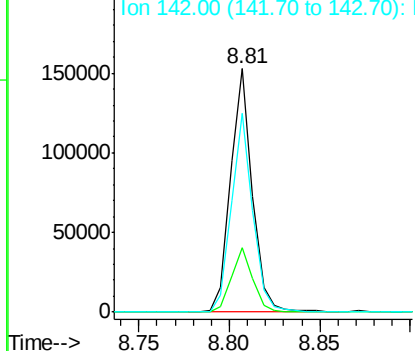


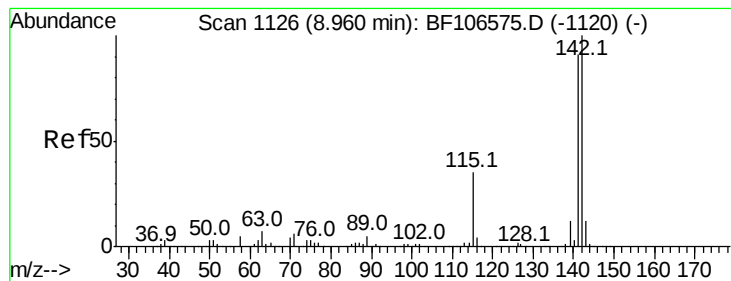
#36
 4-Chloro-3-methylphenol
 Concen: 37.530 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:107 Resp: 127856
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 81.9 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: 41.987 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

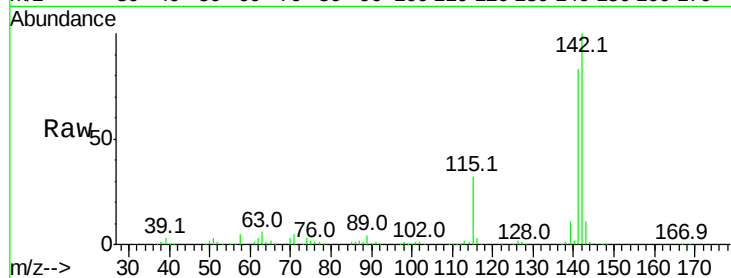
Tot Ion:142 Resp: 300088

Ion Ratio Lower Upper

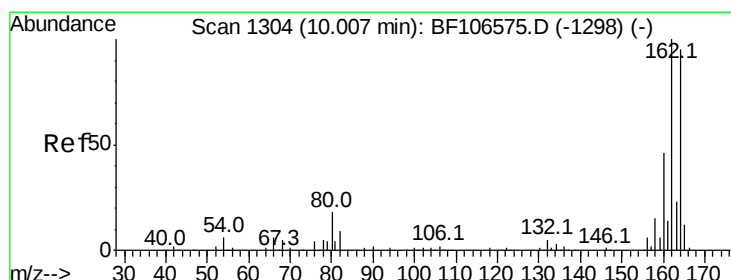
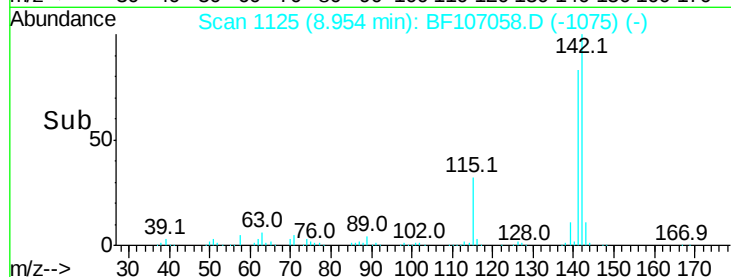
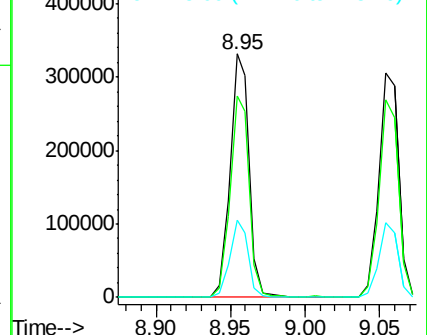
142 100

141 82.8 70.8 106.2

115 31.6 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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

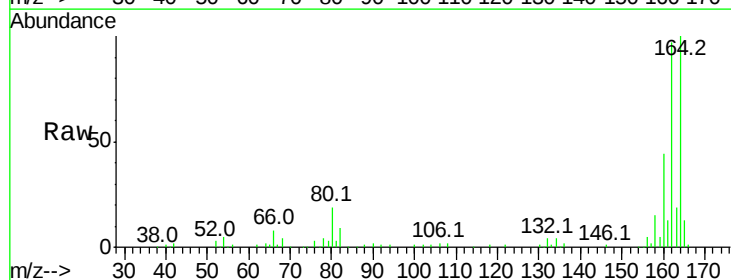
Tgt Ion:164 Resp: 111478

Ion Ratio Lower Upper

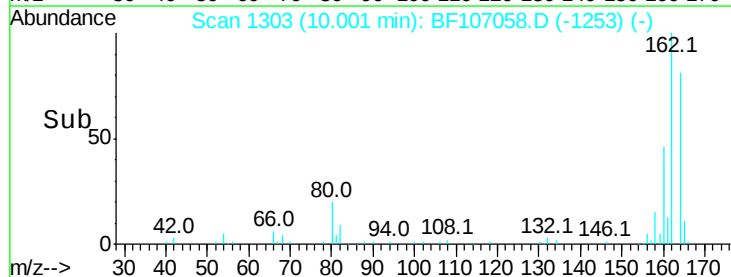
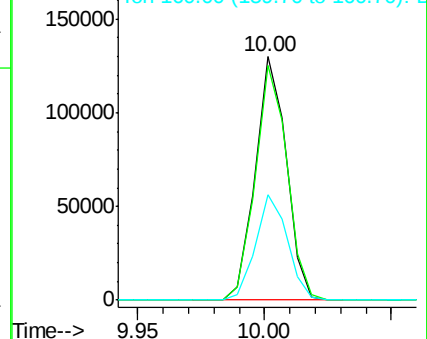
164 100

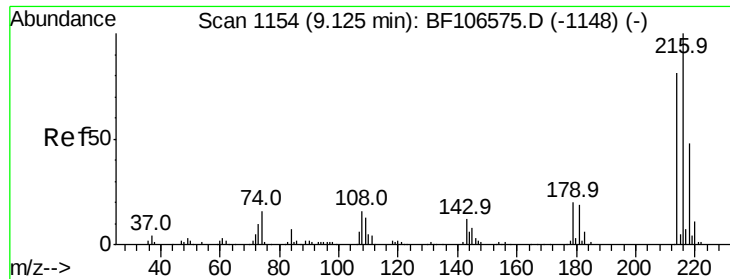
162 96.6 86.1 129.1

160 43.5 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

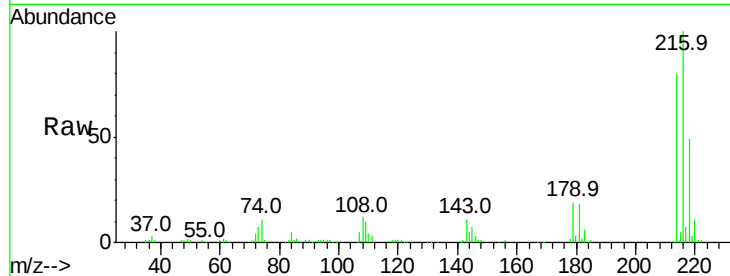




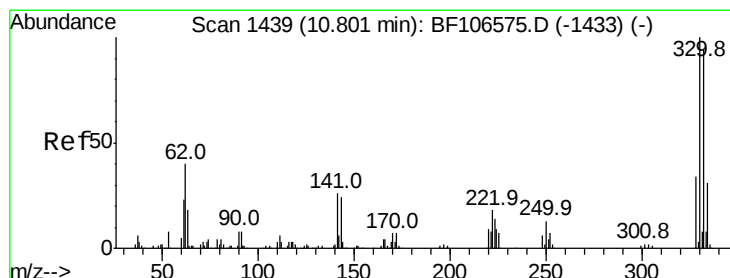
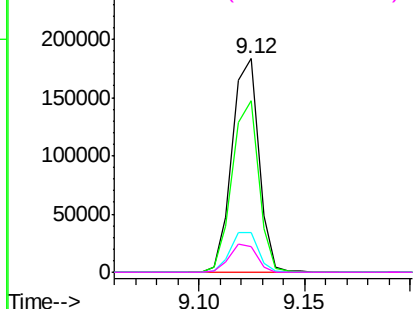
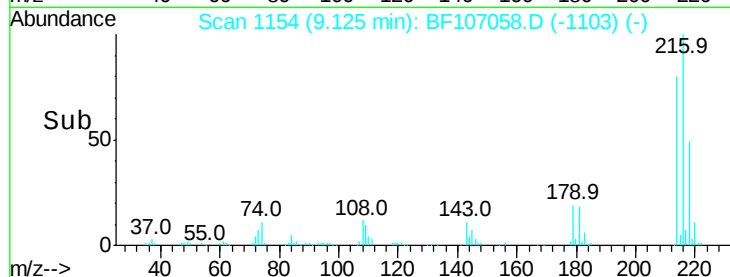
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.906 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 161080
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.0 94.4
 179 19.5 18.1 27.1
 108 13.4 17.2 25.8#

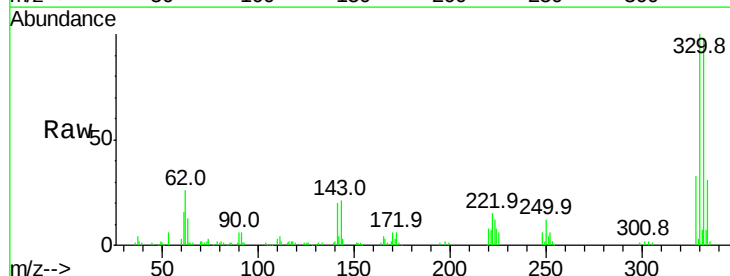


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

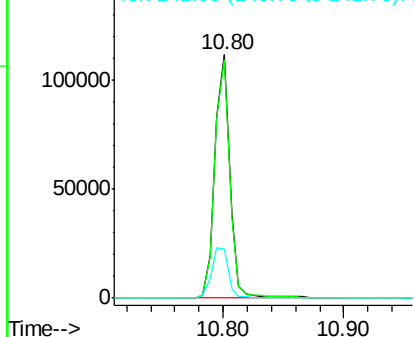
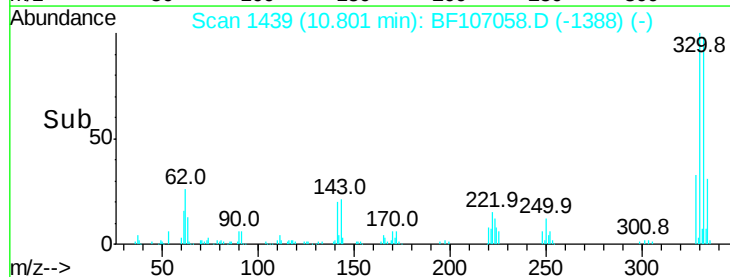


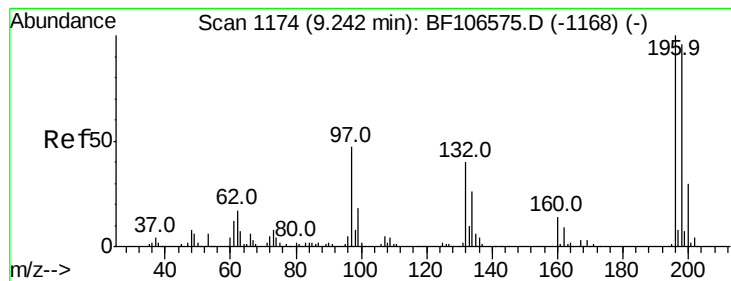
#41
 2,4,6-Tribromophenol
 Concen: 73.751 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:330 Resp: 95291
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 23.1 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: 35.752 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

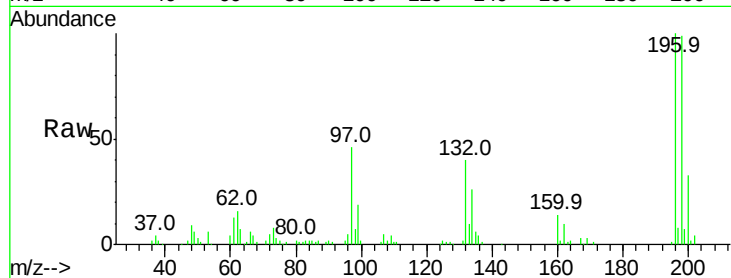
Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :



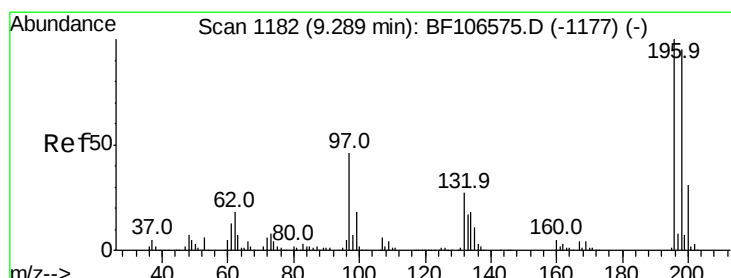
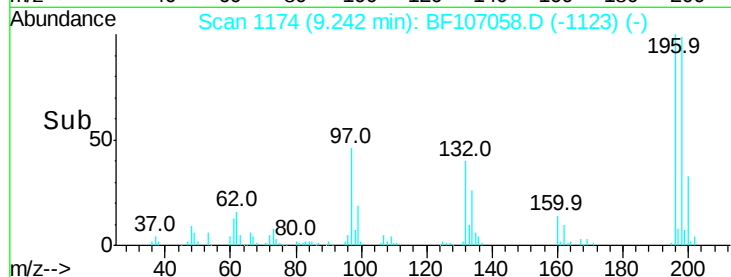
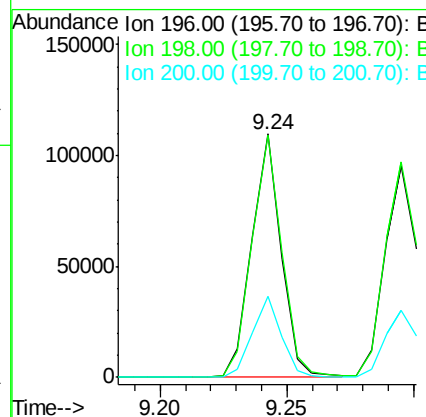
Tot Ion:196 Resp: 89218

Ion Ratio Lower Upper

196 100

198 99.4 75.7 113.5

200 33.0 24.5 36.7



#43

2,4,5-Trichlorophenol

Concen: 35.024 ng

RT: 9.30 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Tgt Ion:196 Resp: 91203

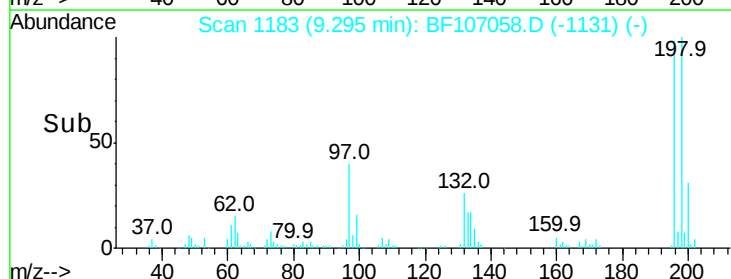
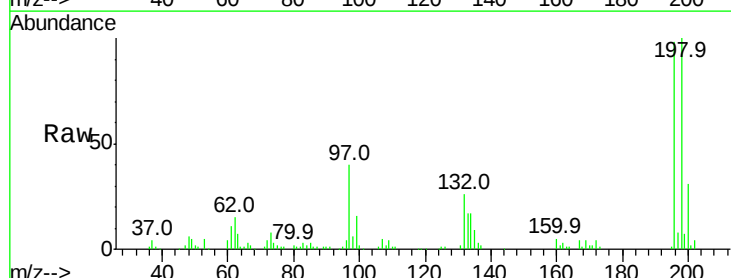
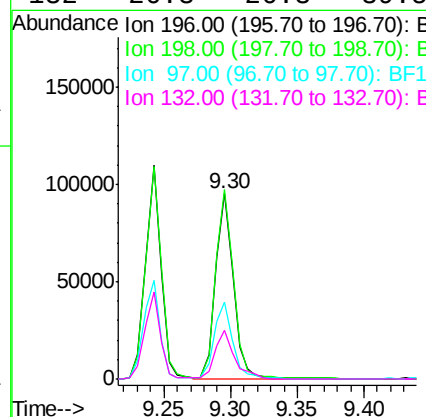
Ion Ratio Lower Upper

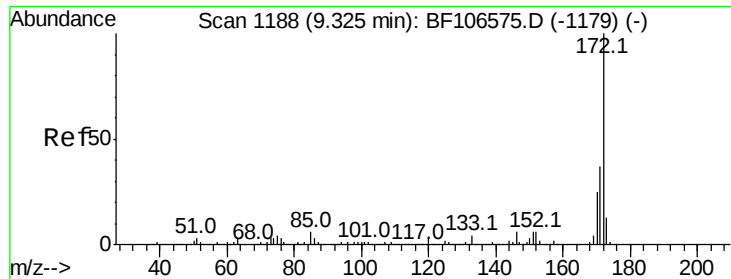
196 100

198 102.2 74.6 112.0

97 41.3 42.9 64.3#

132 26.3 26.3 39.5#

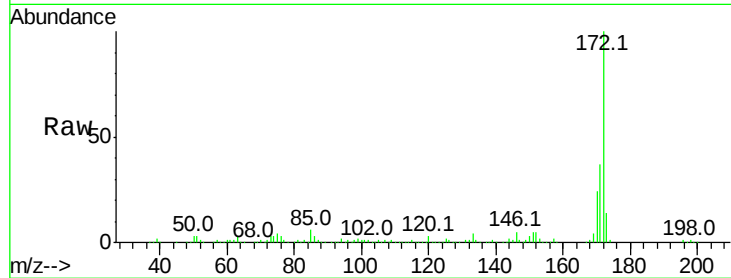




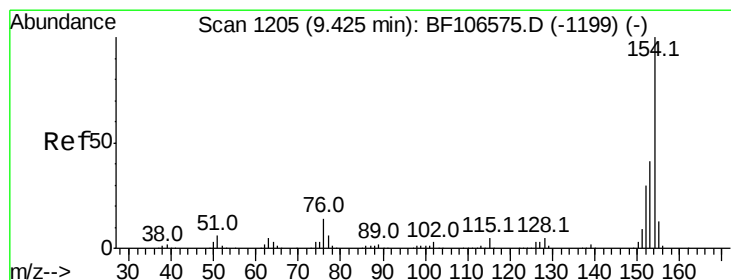
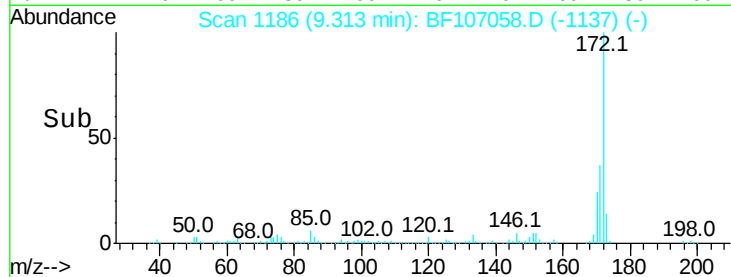
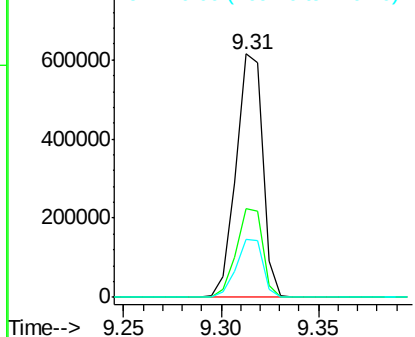
#44
2-Fluorobiphenyl
Concen: 89.030 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 581754
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

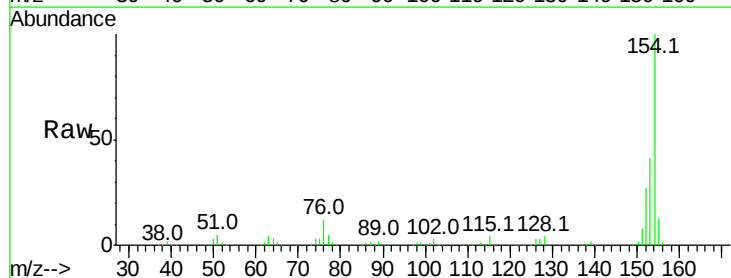


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

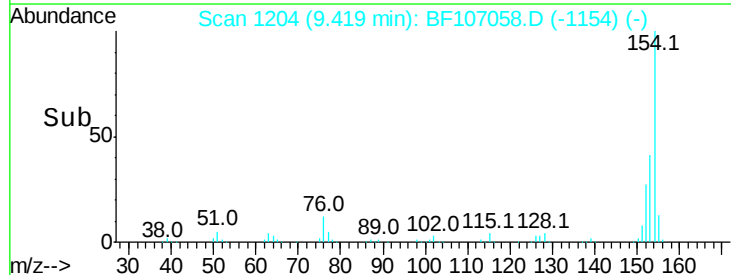
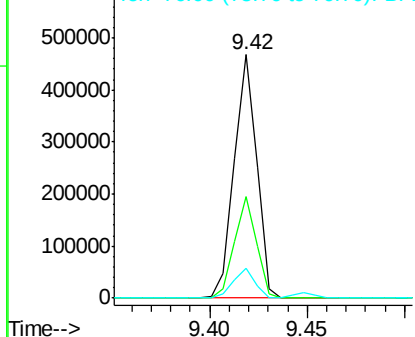


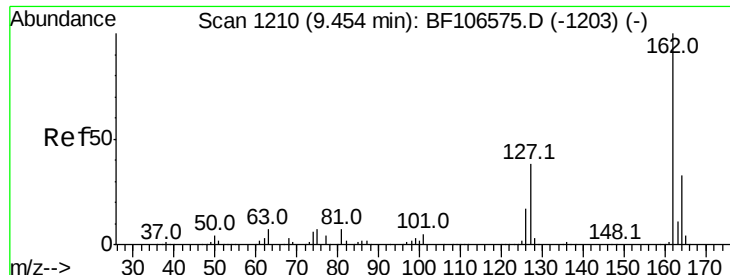
#45
1,1'-Biphenyl
Concen: 42.119 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:154 Resp: 374197
Ion Ratio Lower Upper
154 100
153 41.5 21.3 61.3
76 12.2 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

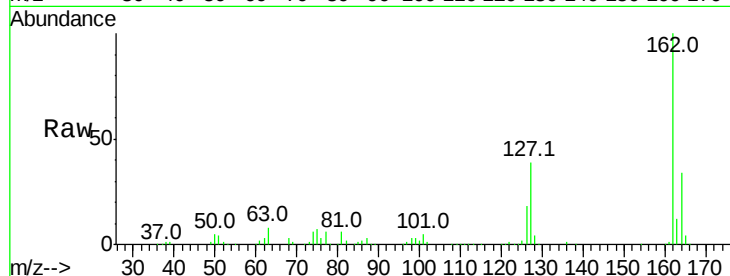




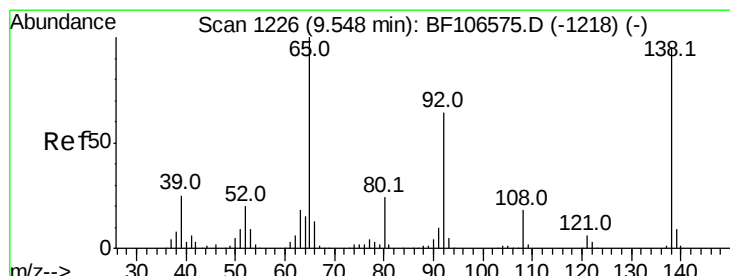
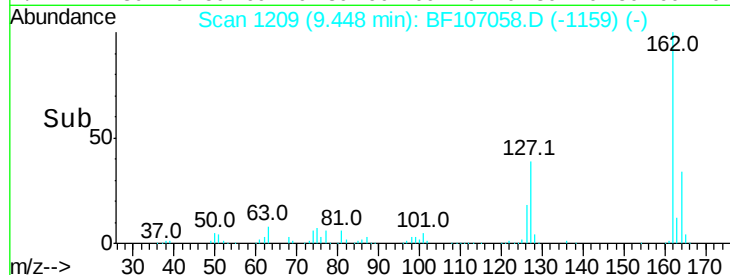
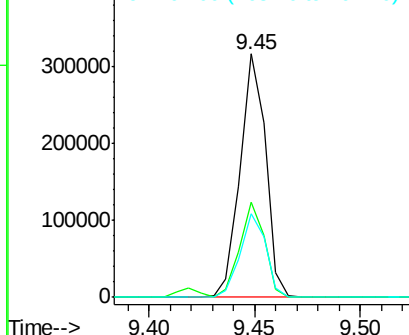
#46
 2-Chloronaphthalene
 Concen: 37.770 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 264136
 Ion Ratio Lower Upper
 162 100
 127 38.9 33.9 50.9
 164 34.4 26.5 39.7

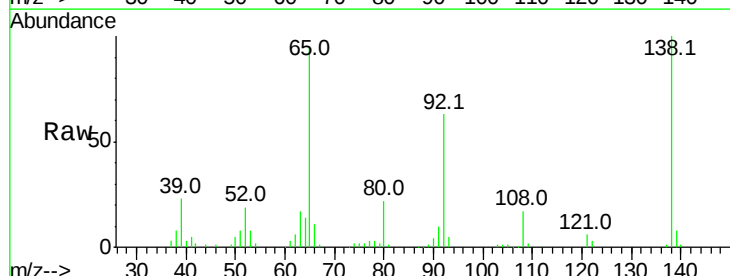


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

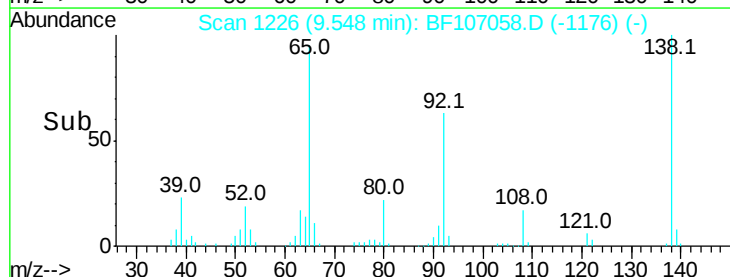
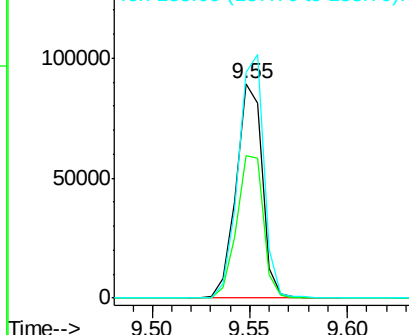


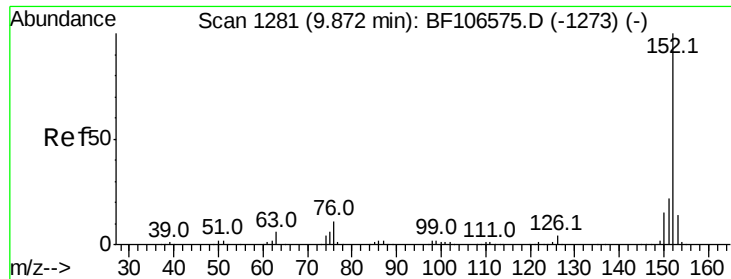
#47
 2-Nitroaniline
 Concen: 35.309 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion: 65 Resp: 83032
 Ion Ratio Lower Upper
 65 100
 92 66.3 55.8 83.6
 138 105.0 91.2 136.8



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





#48

Acenaphthylene

Concen: 36.979 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

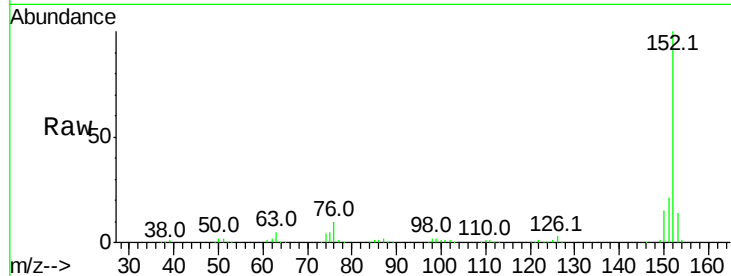
Tot Ion:152 Resp: 408276

Ion Ratio Lower Upper

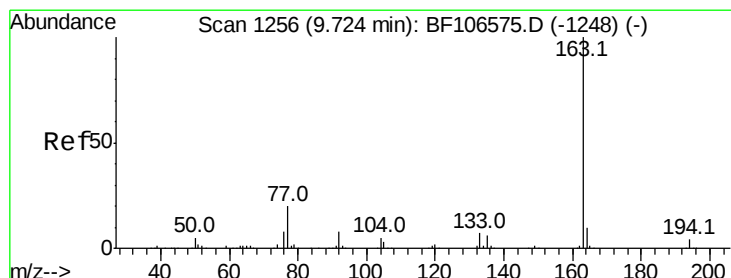
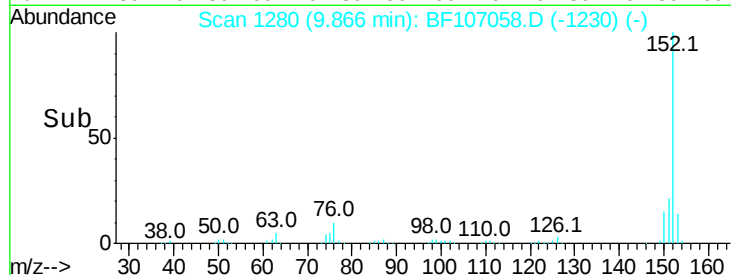
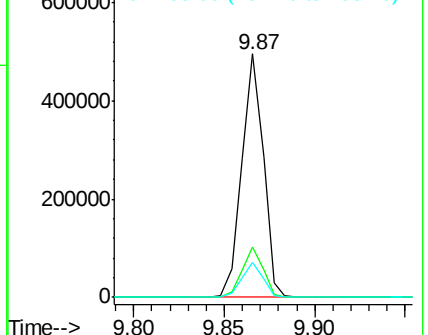
152 100

151 20.7 16.3 24.5

153 14.3 10.7 16.1



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



#49

Dimethylphthalate

Concen: 39.040 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

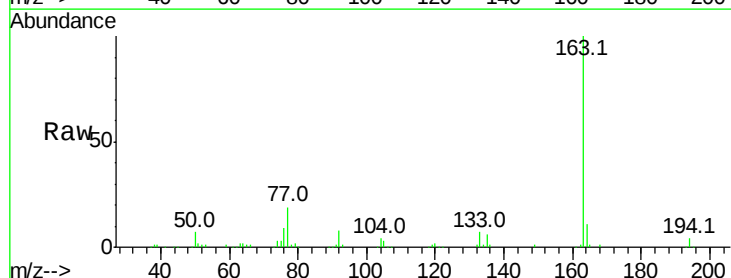
Tgt Ion:163 Resp: 326417

Ion Ratio Lower Upper

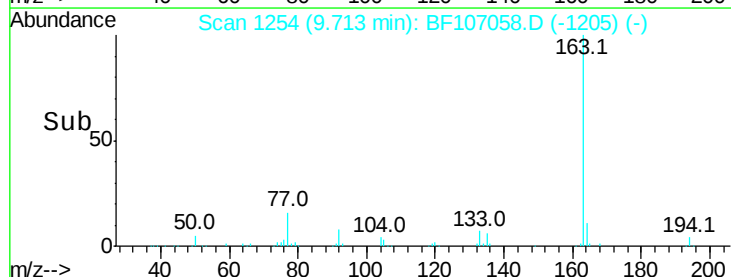
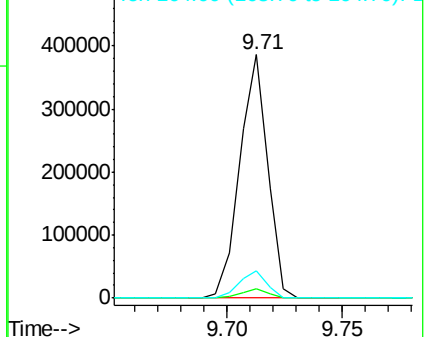
163 100

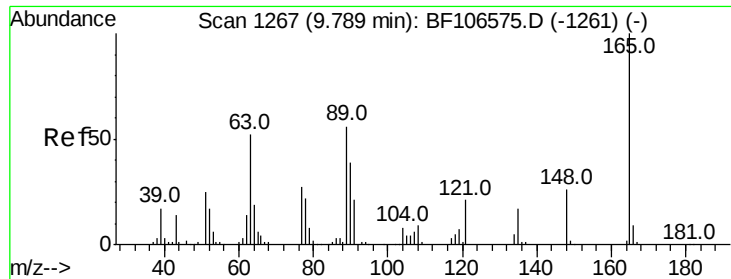
194 4.0 2.7 4.1

164 11.0 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

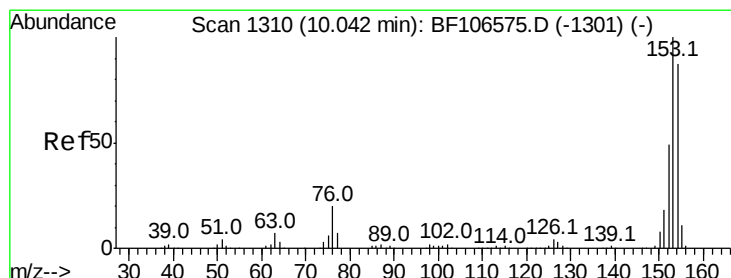
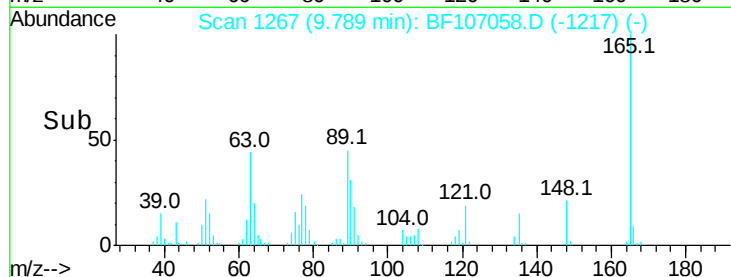
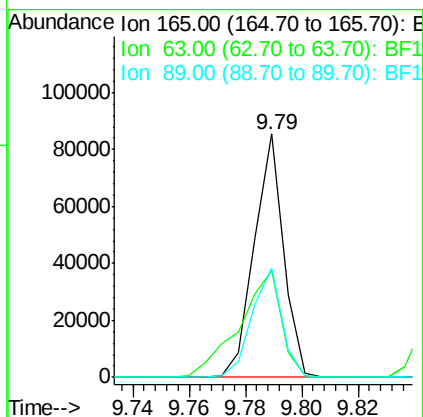
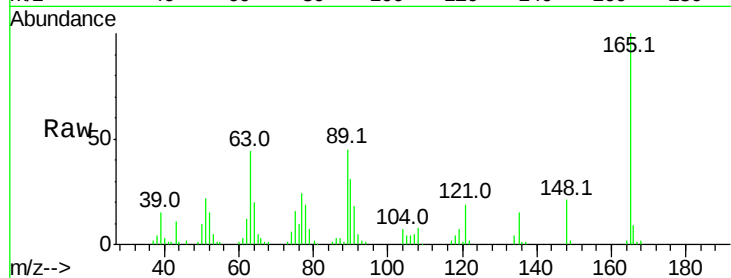




#50
 2,6-Dinitrotoluene
 Concen: 34.712 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

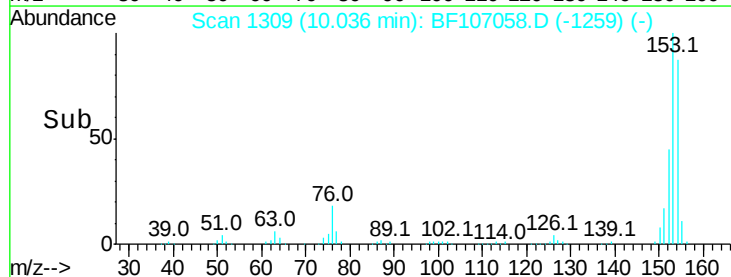
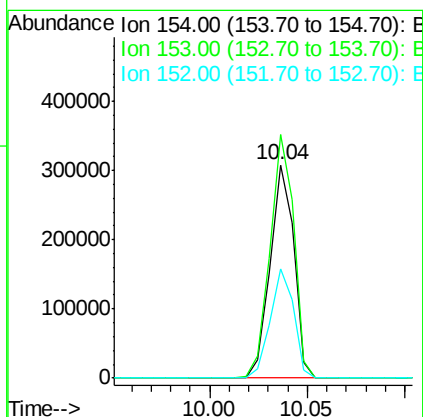
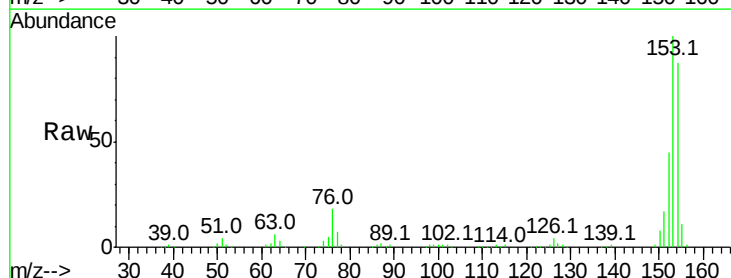
Instrument :
 BNA_F
 ClientSampled :

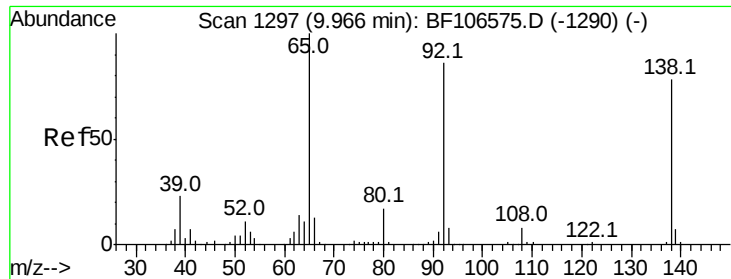
Tot Ion:165 Resp: 61457
 Ion Ratio Lower Upper
 165 100
 63 43.9 44.7 67.1#
 89 45.1 44.0 66.0



#51
 Acenaphthene
 Concen: 37.285 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:154 Resp: 259225
 Ion Ratio Lower Upper
 154 100
 153 114.3 91.2 136.8
 152 51.4 43.8 65.8

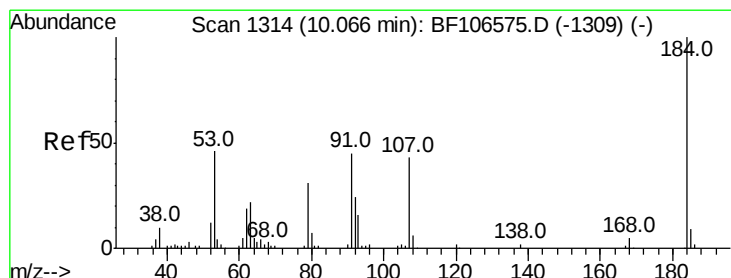
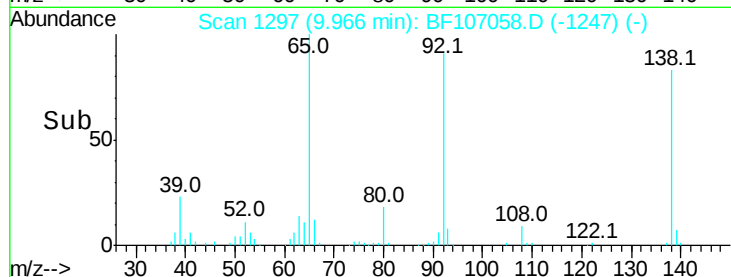
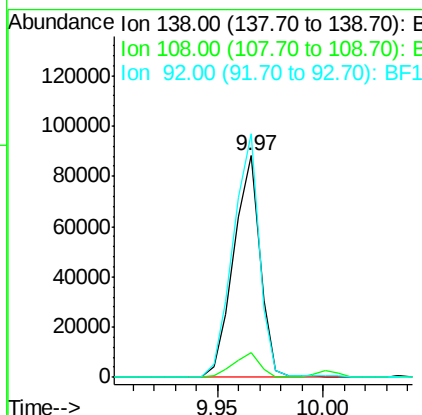
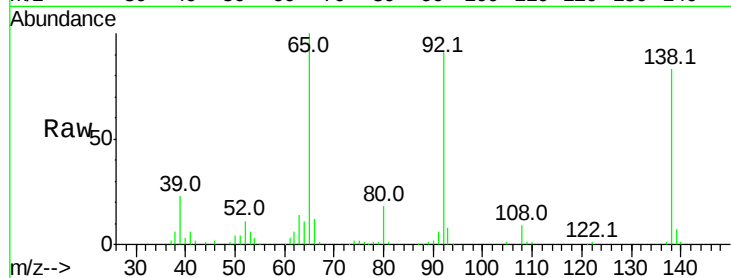




#52
 3-Nitroaniline
 Concen: 37.430 ng
 RT: 9.97 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

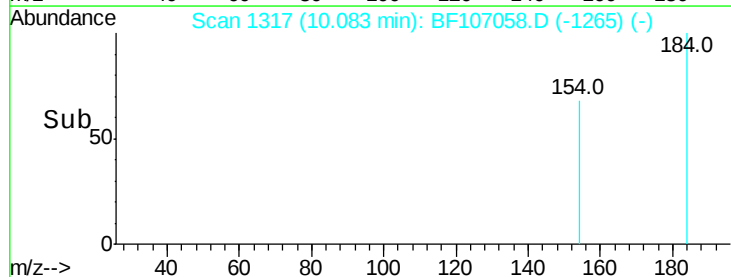
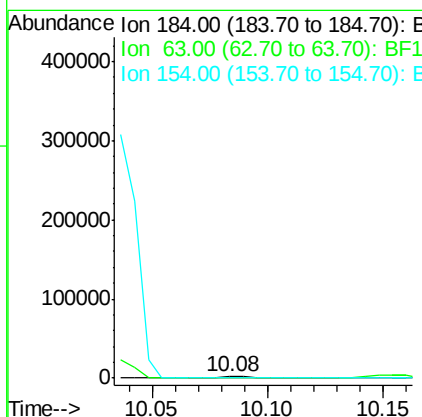
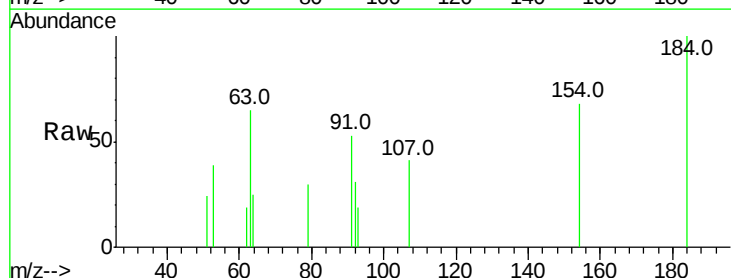
Instrument :
 BNA_F
 ClientSampleId :

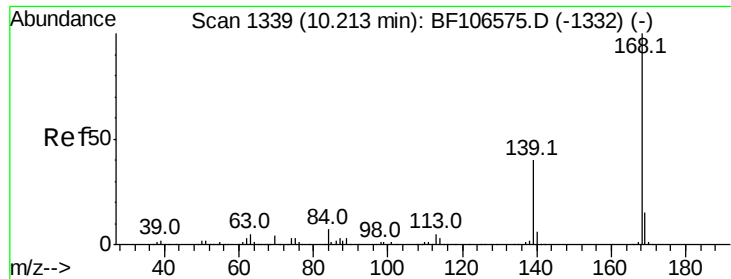
Tot Ion:138 Resp: 76257
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.4 14.0
 92 109.9 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 7.913 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:184 Resp: 2526
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 68.0 184.0 276.0#





#54

Dibenzofuran

Concen: 39.578 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

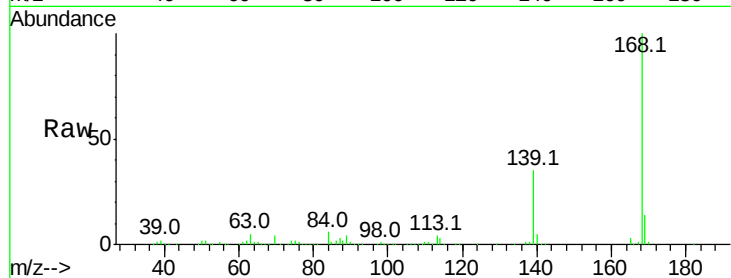
Tot Ion:168 Resp: 376785

Ion Ratio Lower Upper

168 100

139 35.3 30.1 45.1

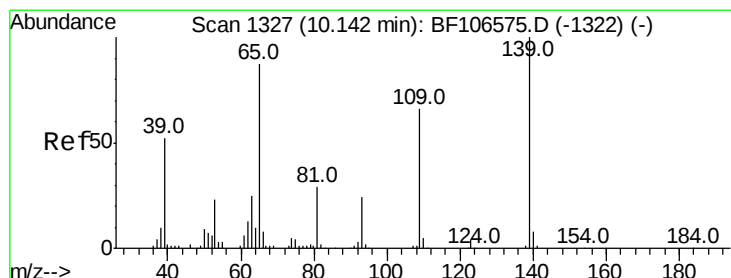
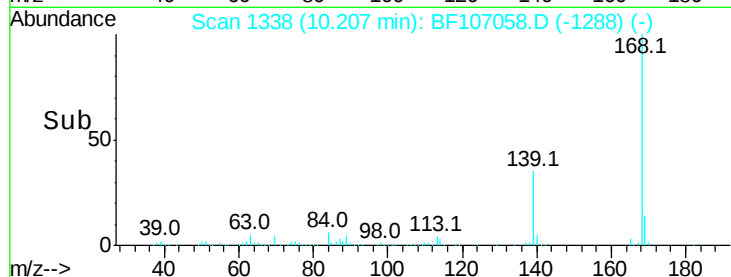
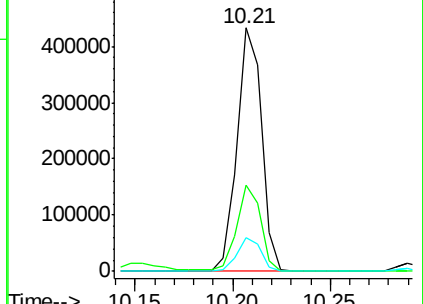
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 15.638 ng

RT: 10.15 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

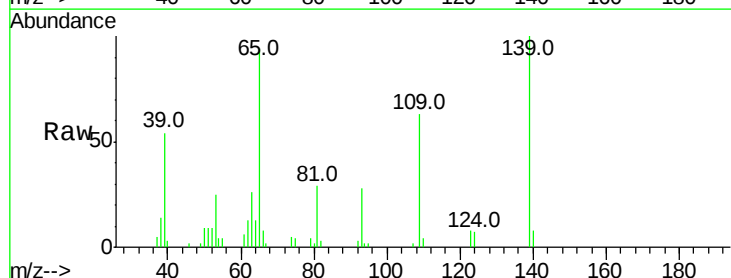
Tgt Ion:139 Resp: 22239

Ion Ratio Lower Upper

139 100

109 63.3 48.4 88.4

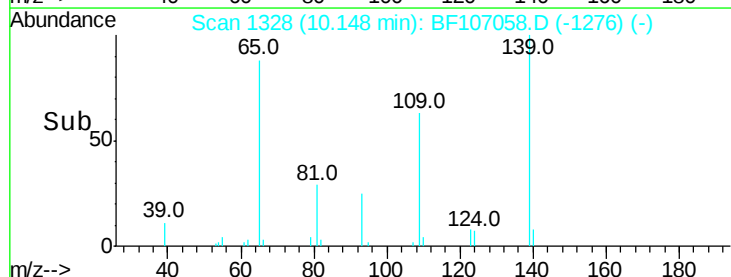
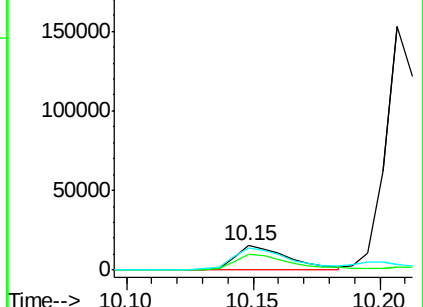
65 94.0 72.6 112.6

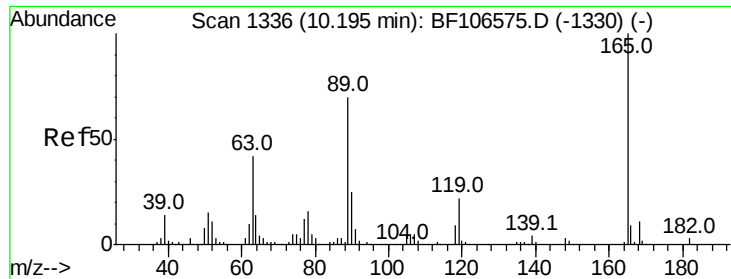


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

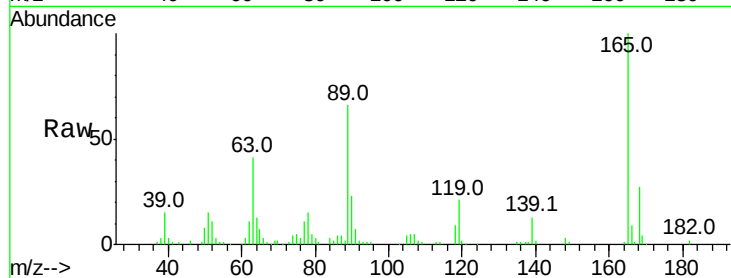




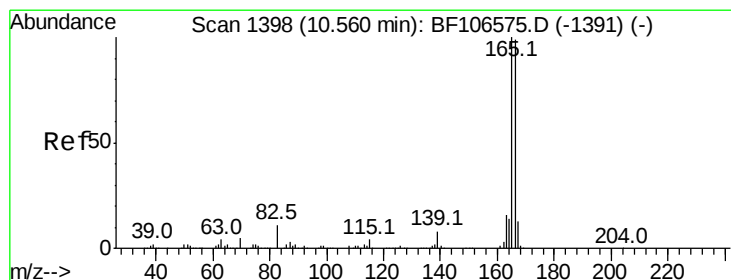
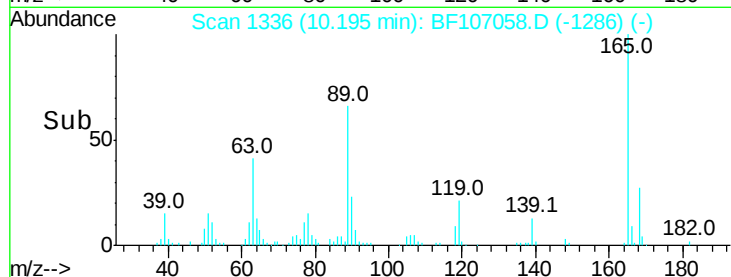
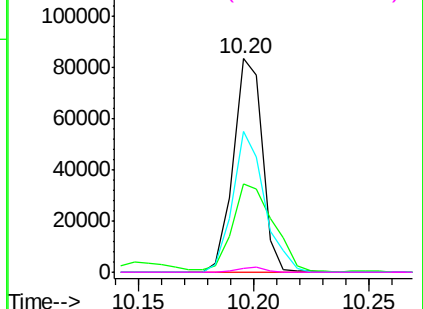
#56
2,4-Dinitrotoluene
Concen: 31.691 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 73236
Ion Ratio Lower Upper
165 100
63 41.1 36.4 54.6
89 65.9 57.8 86.6
182 2.1 1.6 2.4

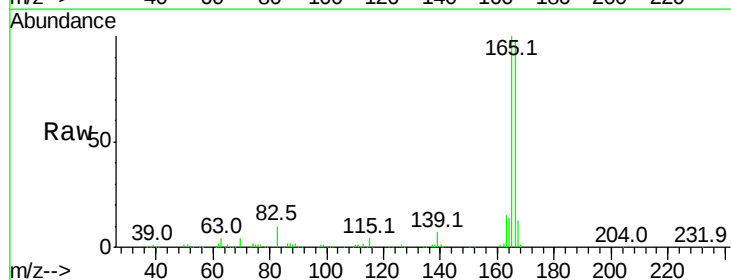


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

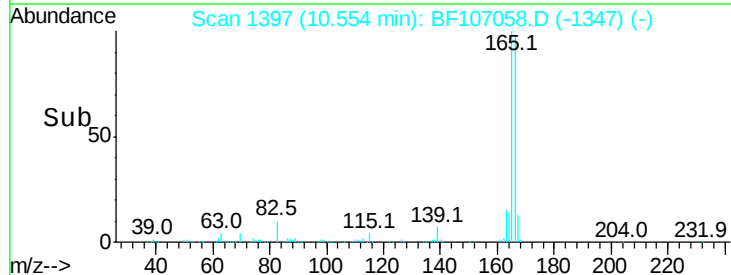
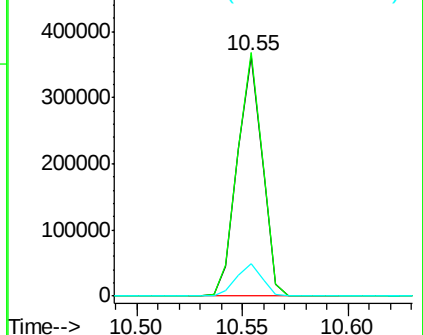


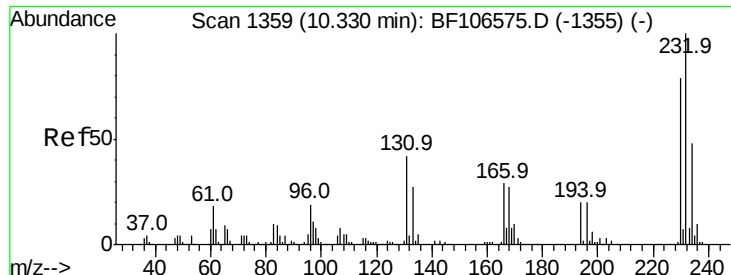
#57
Fluorene
Concen: 39.372 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:166 Resp: 297442
Ion Ratio Lower Upper
166 100
165 101.5 79.8 119.8
167 13.5 10.6 16.0



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





#58

2,3,4,6-Tetrachlorophenol

Concen: 34.042 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 70465

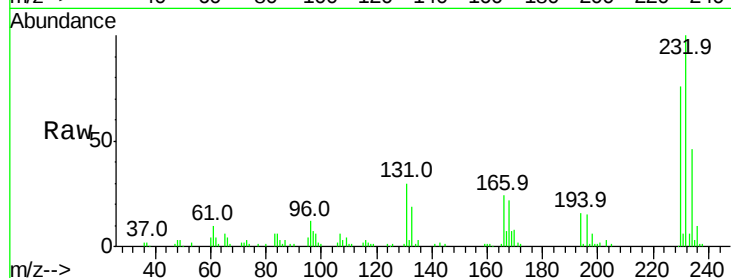
Ion Ratio Lower Upper

232 100

131 35.3 43.8 65.8#

130 1.3 2.1 3.1#

166 26.7 27.8 41.6#

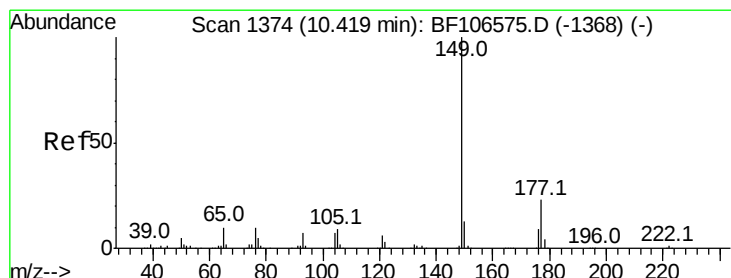
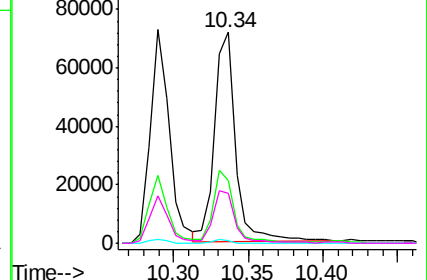
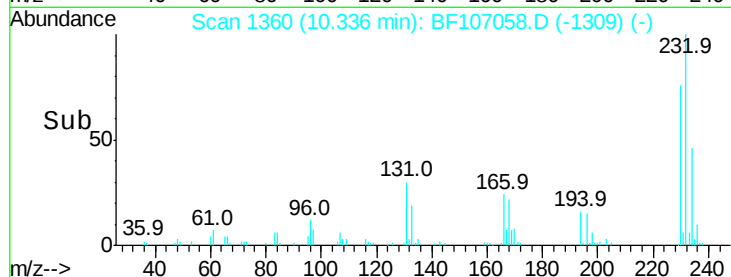


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.766 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

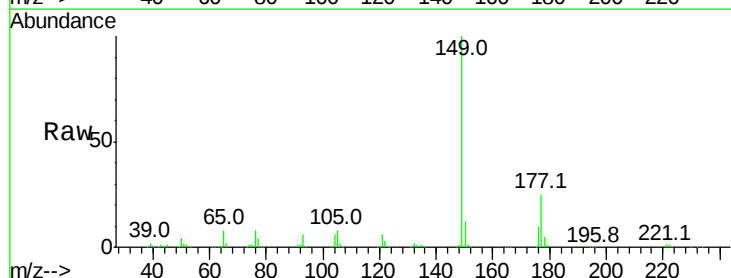
Tgt Ion:149 Resp: 312830

Ion Ratio Lower Upper

149 100

177 25.4 16.1 24.1#

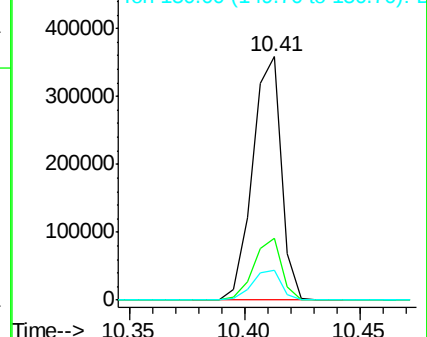
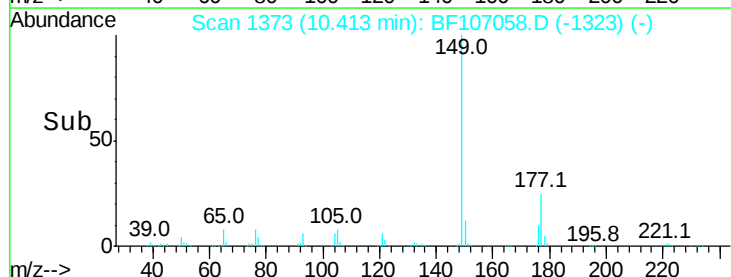
150 12.3 10.1 15.1

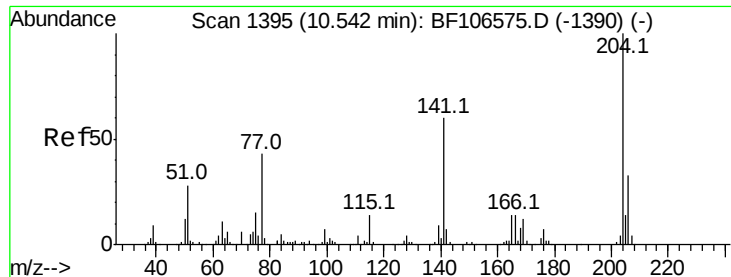


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

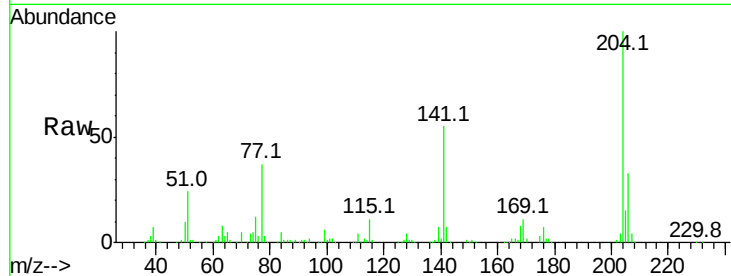




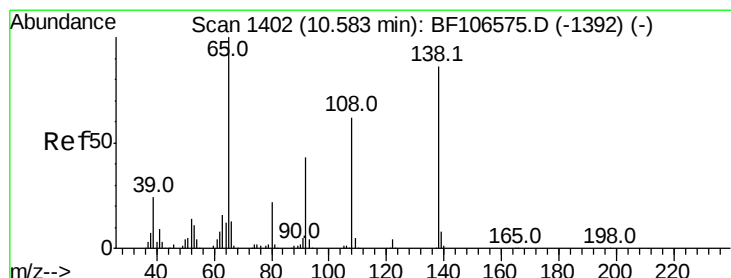
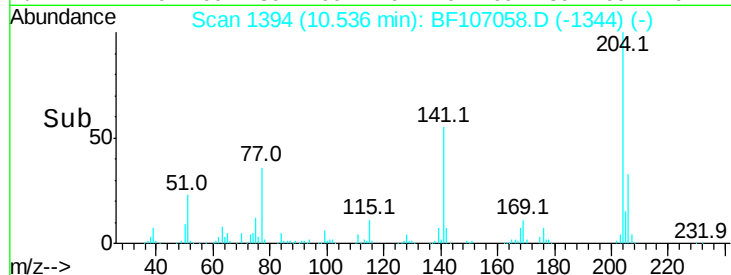
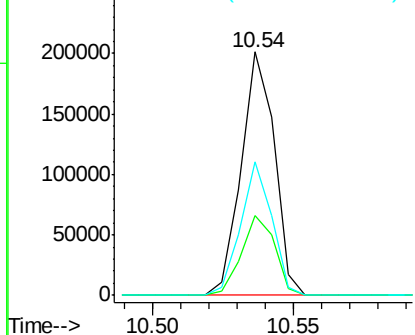
#60
4-Chlorophenyl-phenylether
Concen: 41.420 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 163722
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.9 54.6 81.8

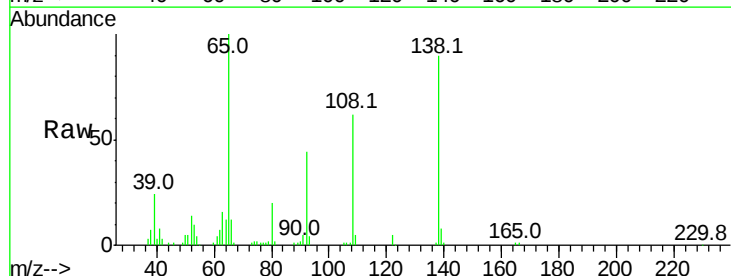


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

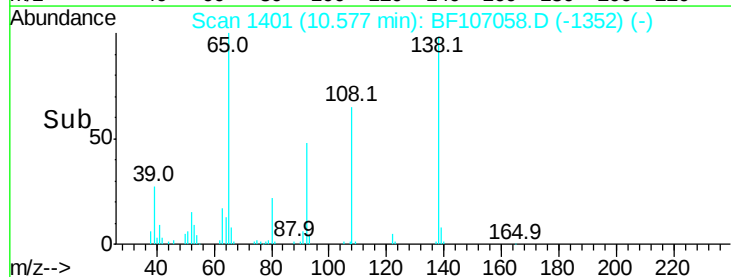
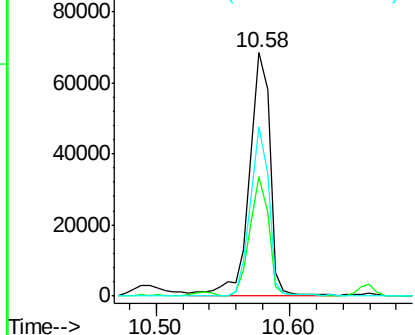


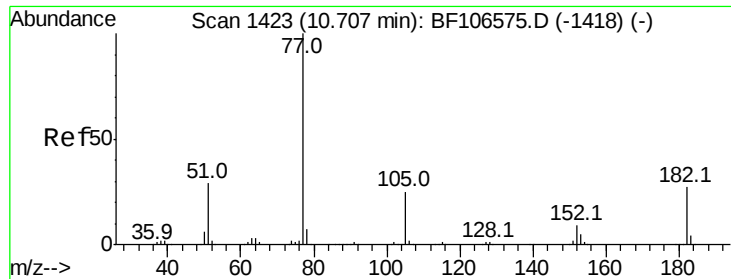
#61
4-Nitroaniline
Concen: 36.011 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:138 Resp: 72813
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 69.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

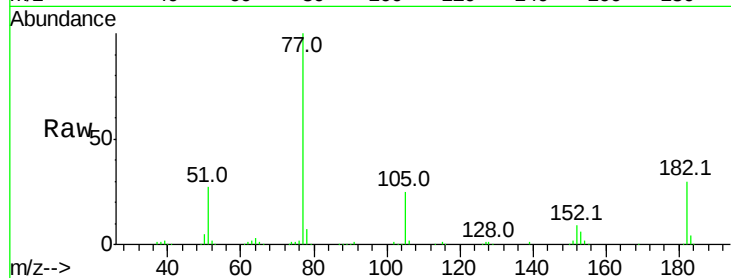




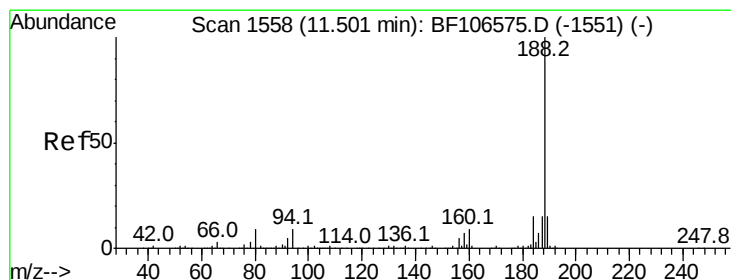
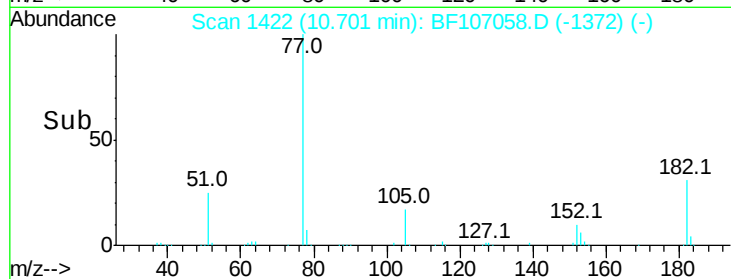
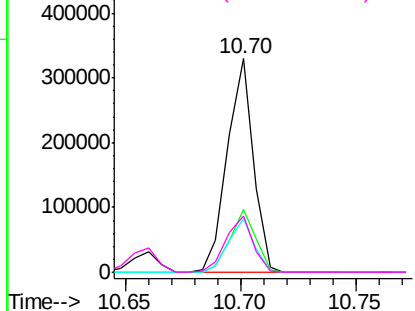
#62
Azobenzene
Concen: 32.526 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 258472
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 25.4 3.0 43.0
51 26.6 9.9 49.9

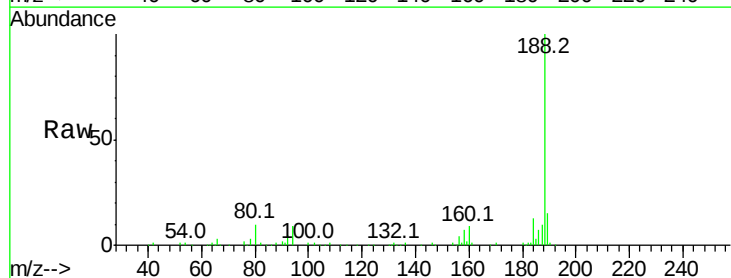


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

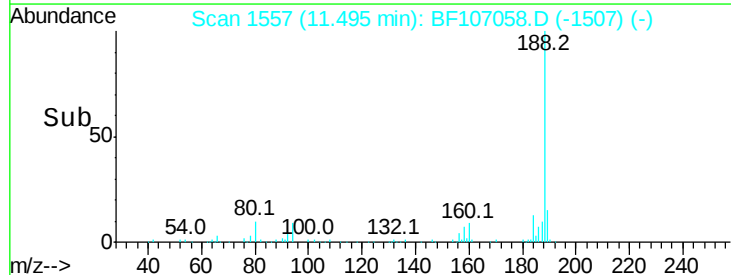
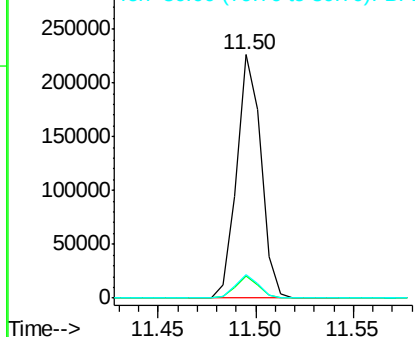


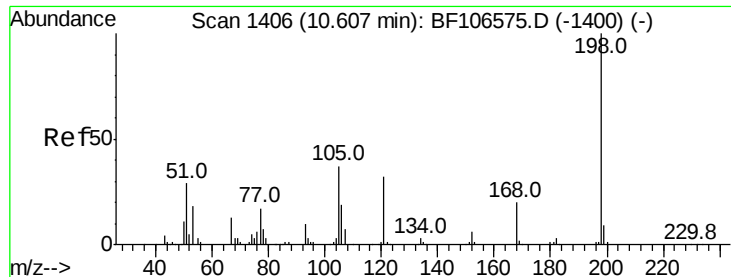
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion: 188 Resp: 195262
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 9.366 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

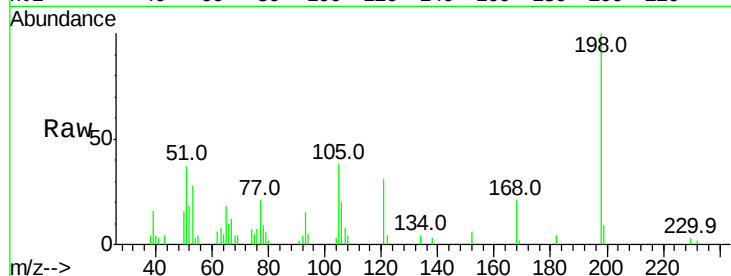
Tot Ion:198 Resp: 11305

Ion Ratio Lower Upper

198 100

51 37.5 37.7 77.7#

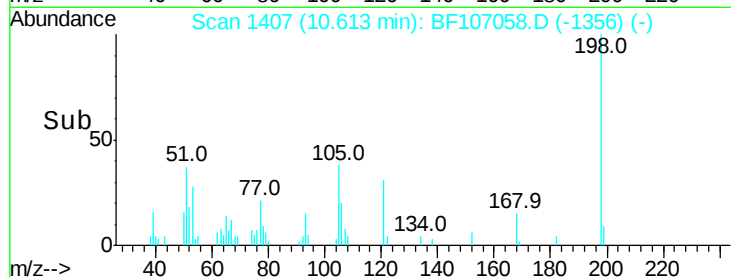
105 37.5 36.3 76.3



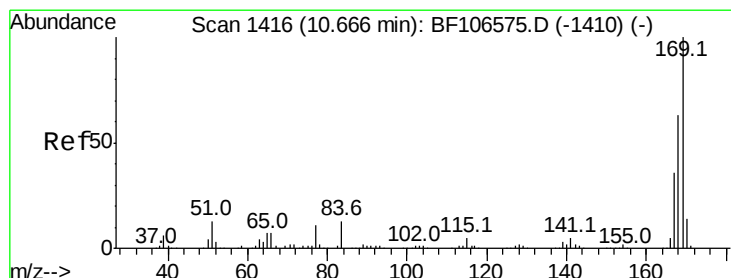
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 41.320 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

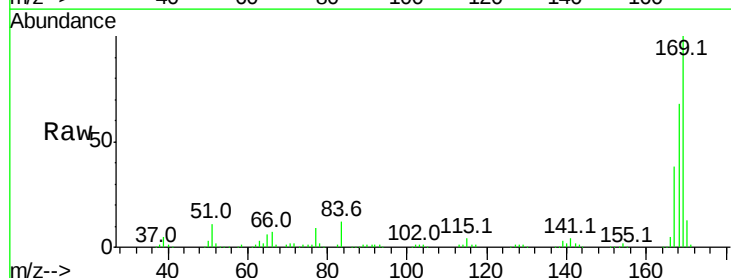
Tgt Ion:169 Resp: 271380

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

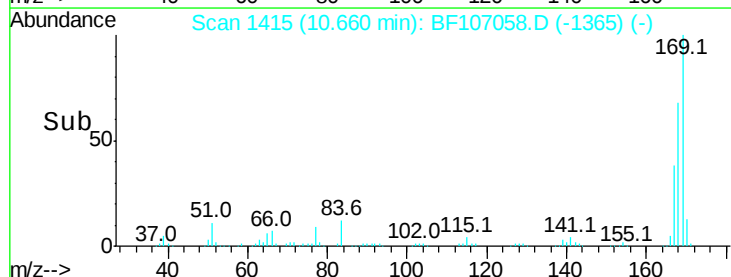
167 37.6 29.8 44.6



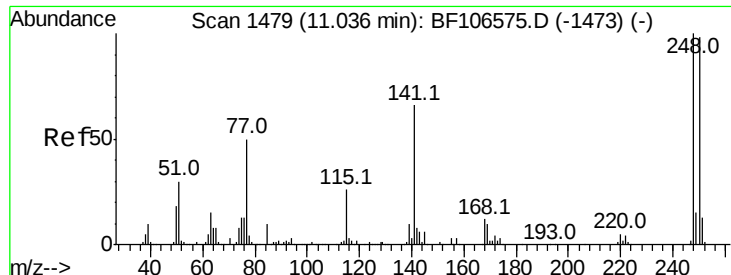
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



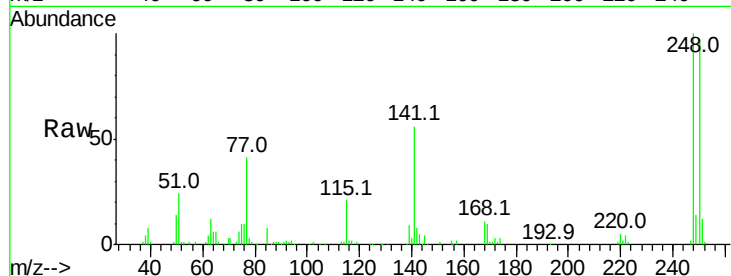
Time-->



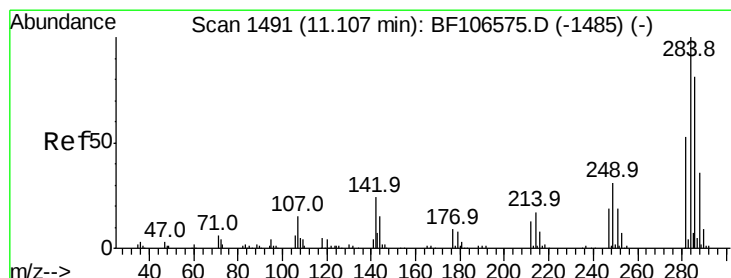
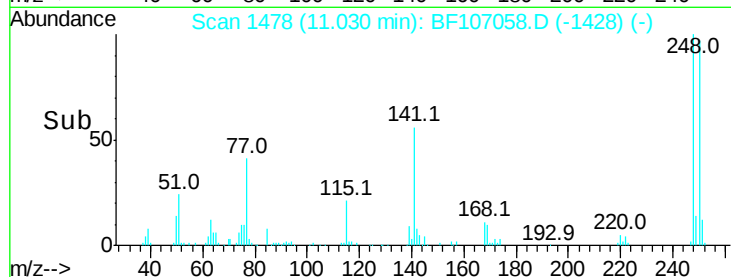
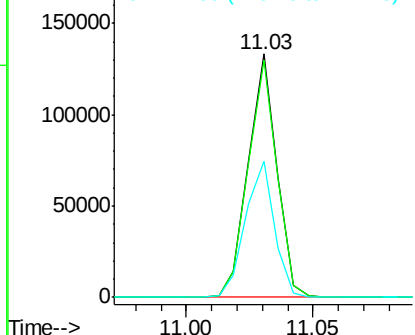
#66
4-Bromophenyl-phenylether
Concen: 44.897 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 104625
Ion Ratio Lower Upper
248 100
250 97.3 76.9 115.3
141 55.8 74.4 111.6#

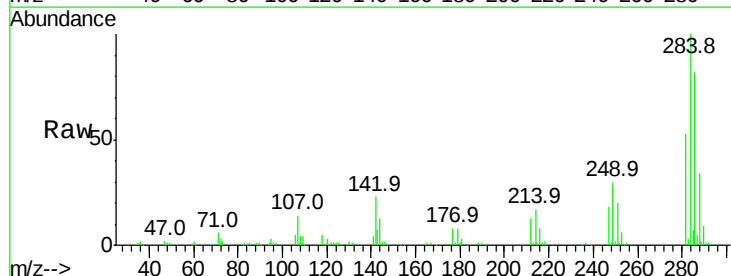


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

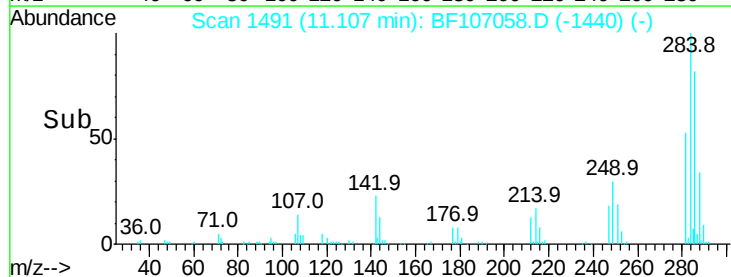
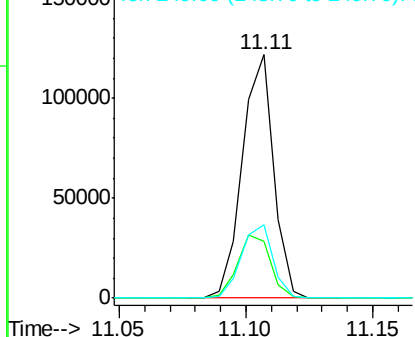


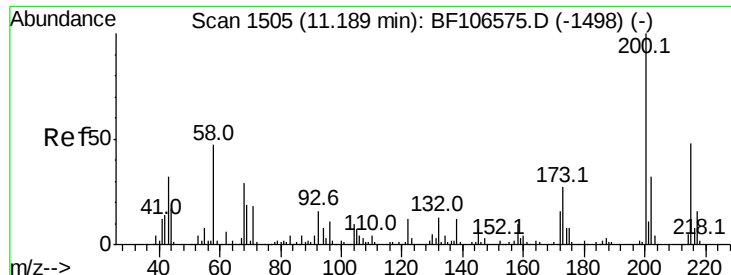
#67
Hexachlorobenzene
Concen: 42.870 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:284 Resp: 104562
Ion Ratio Lower Upper
284 100
142 23.4 34.6 52.0#
249 30.1 24.8 37.2



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

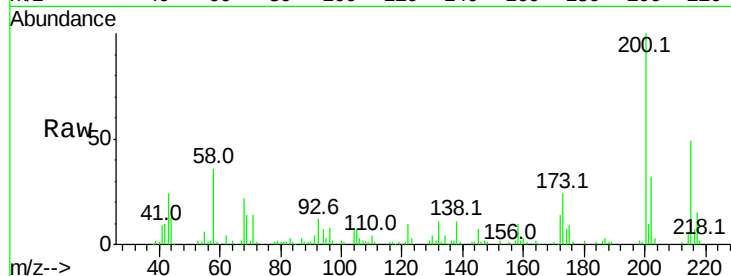




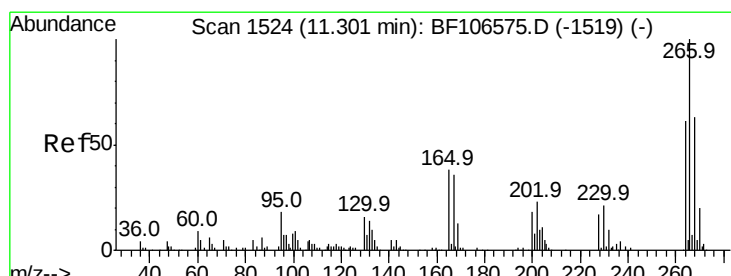
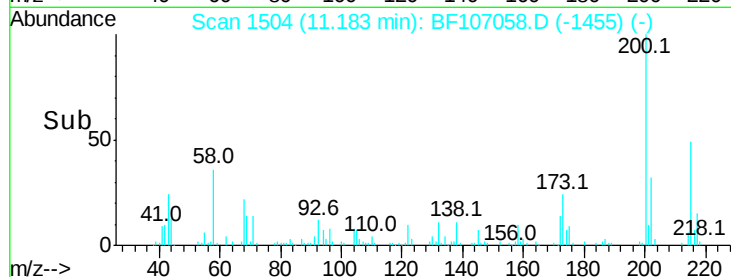
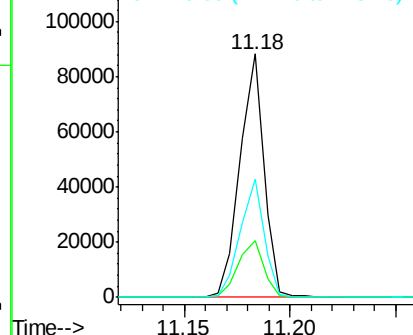
#68
Atrazine
Concen: 33.265 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 69453
Ion Ratio Lower Upper
200 100
173 23.5 8.6 48.6
215 48.7 25.1 65.1

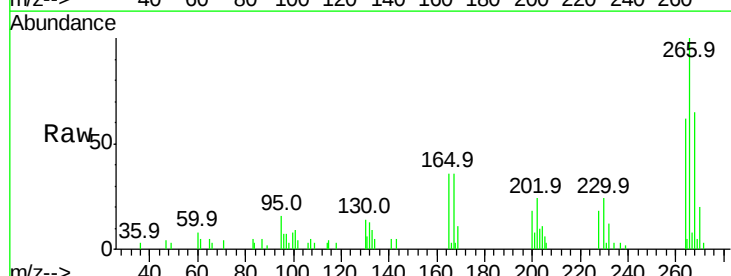


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

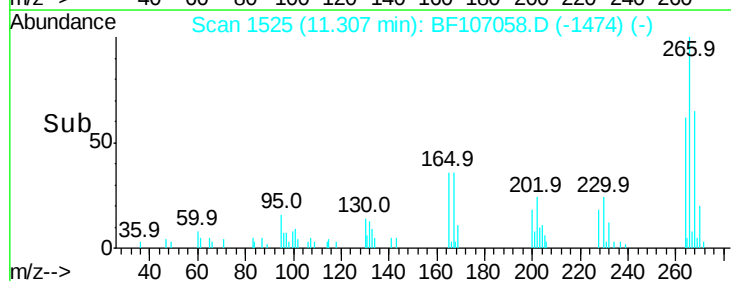
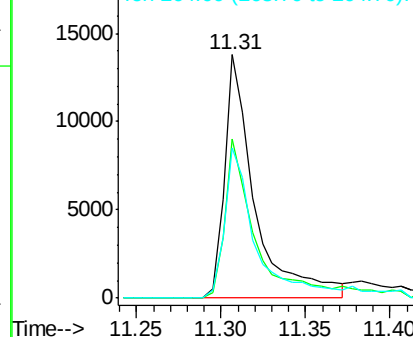


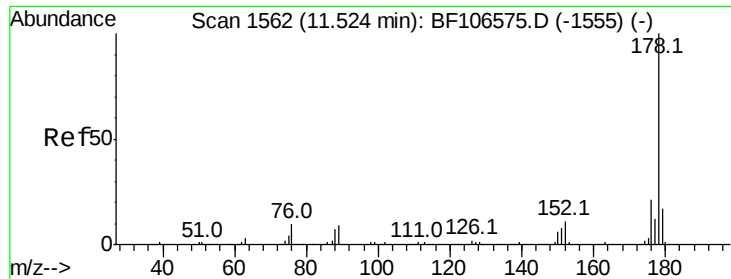
#69
Pentachlorophenol
Concen: 14.229 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:266 Resp: 17316
Ion Ratio Lower Upper
266 100
268 65.3 51.1 76.7
264 61.5 49.5 74.3



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

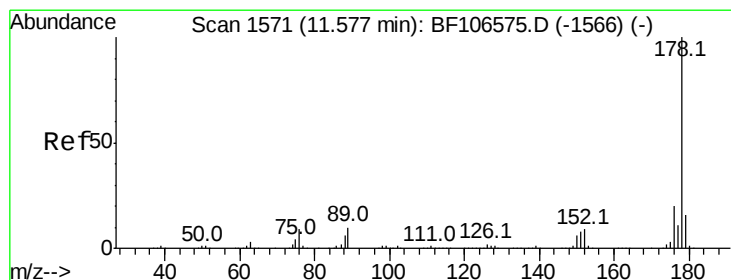
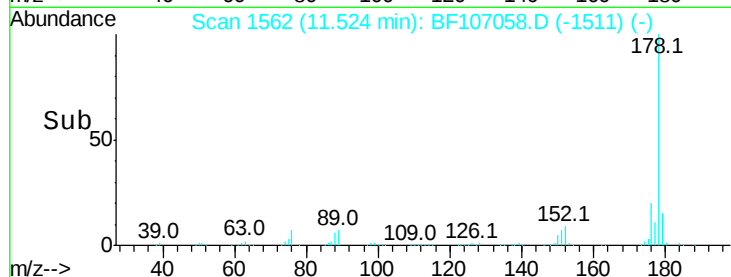
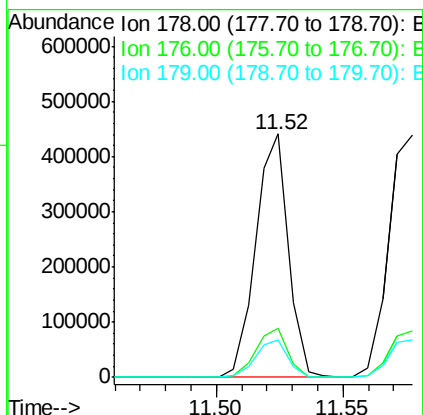
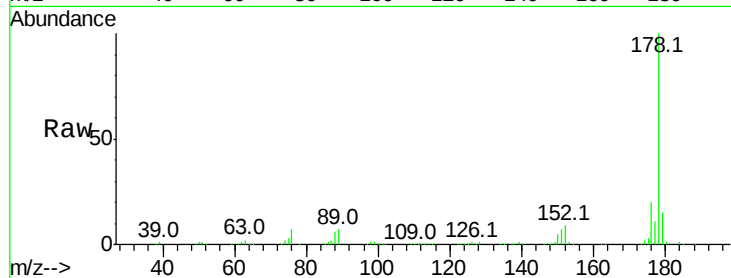




#70
Phenanthrene
Concen: 41.752 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

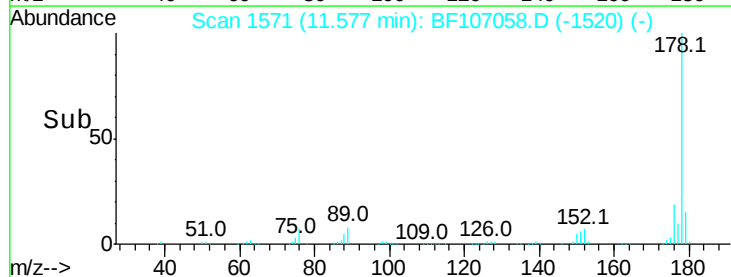
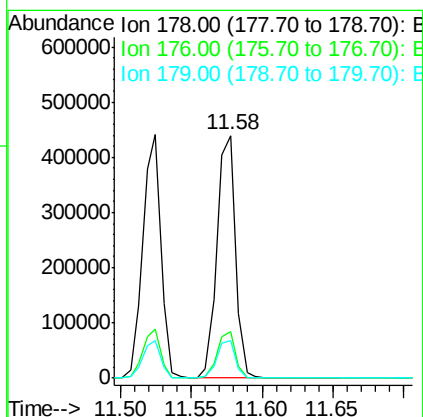
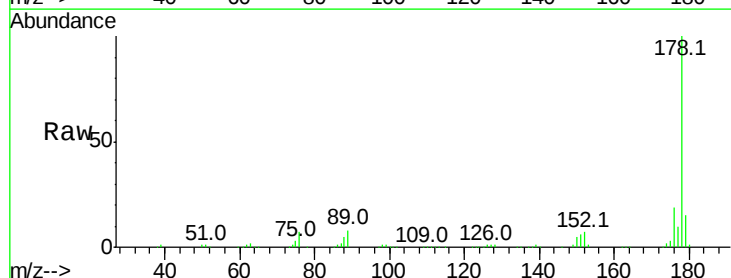
Instrument :
BNA_F
ClientSampled :

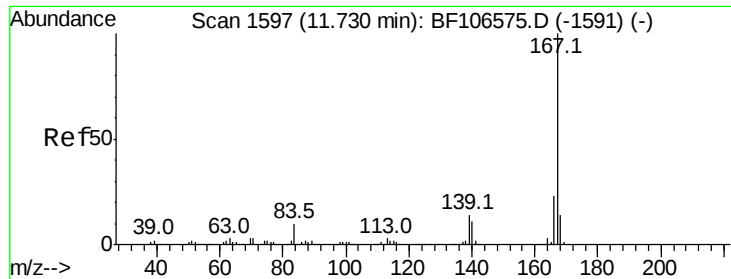
Tot Ion:178 Resp: 393211
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.4 13.0 19.6



#71
Anthracene
Concen: 41.818 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:178 Resp: 401989
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0





#72

Carbazole

Concen: 38.668 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

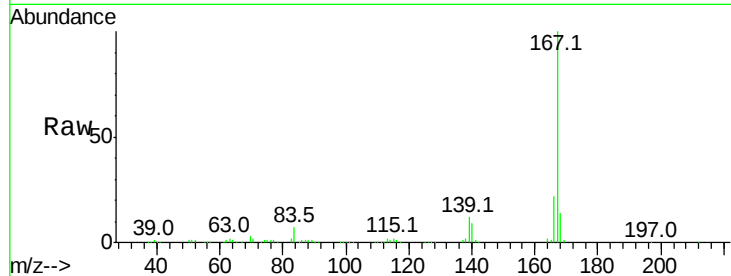
Tot Ion:167 Resp: 348015

Ion Ratio Lower Upper

167 100

166 21.5 17.6 26.4

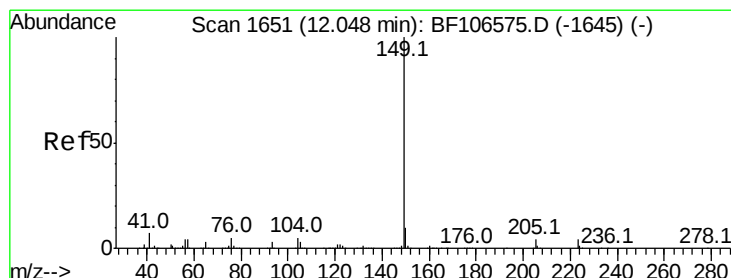
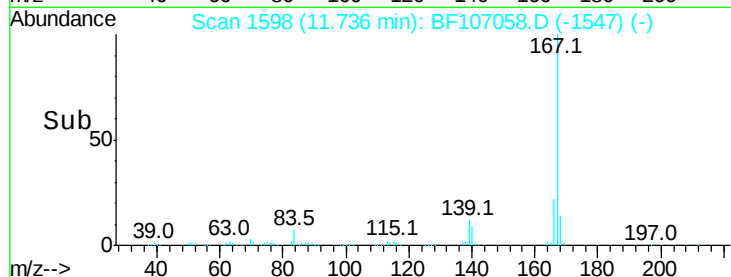
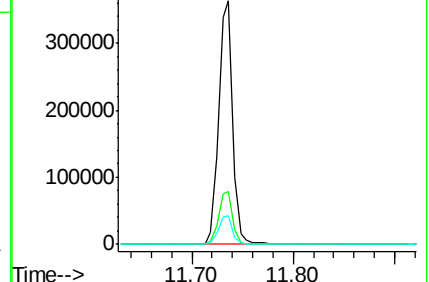
139 11.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.534 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

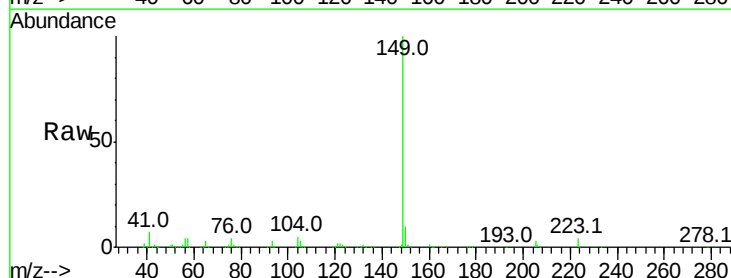
Tgt Ion:149 Resp: 450978

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

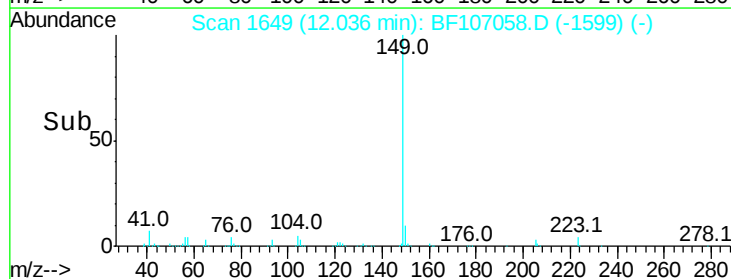
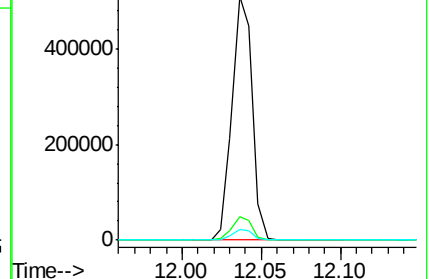
104 4.6 3.8 5.8

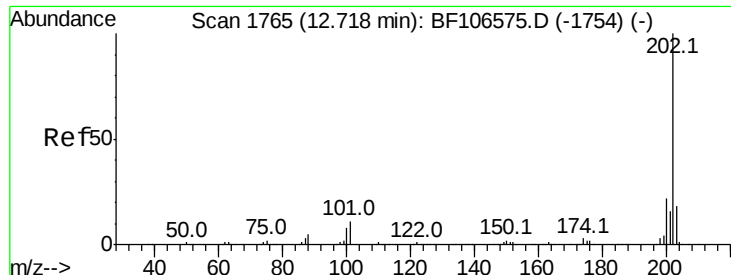


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

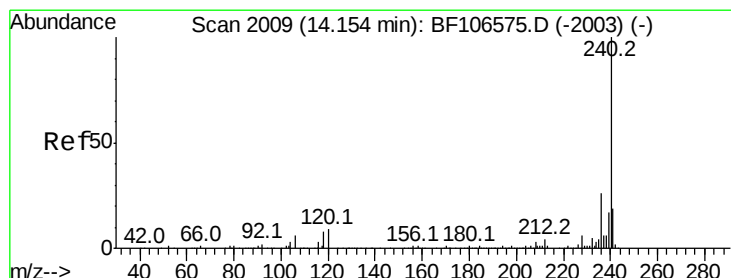
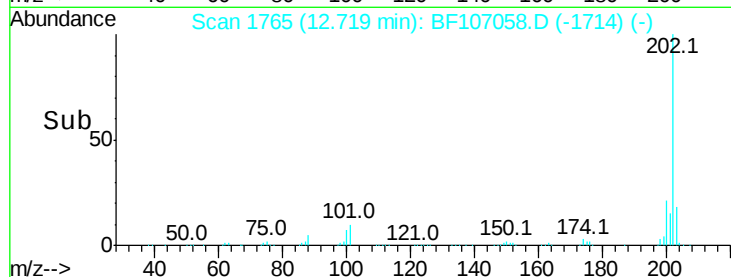
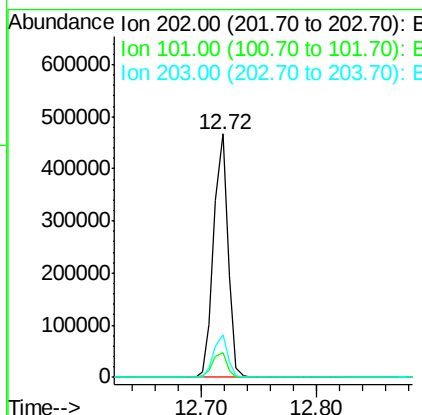
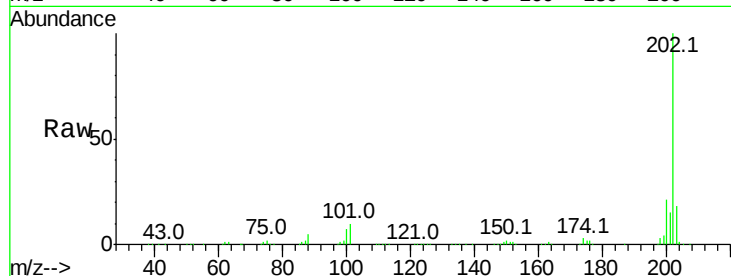




#74
 Fluoranthene
 Concen: 38.939 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

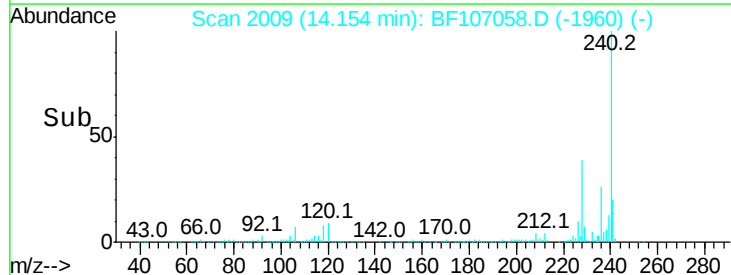
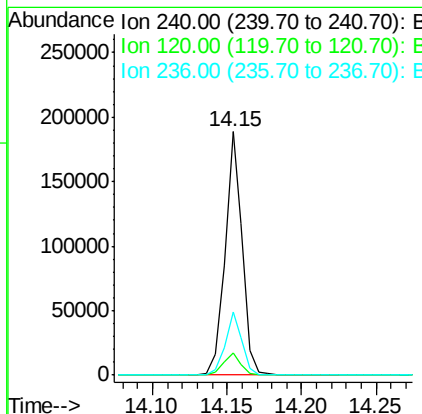
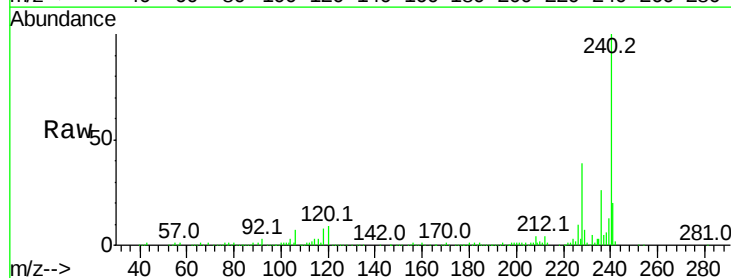
Instrument :
 BNA_F
 ClientSampleId :

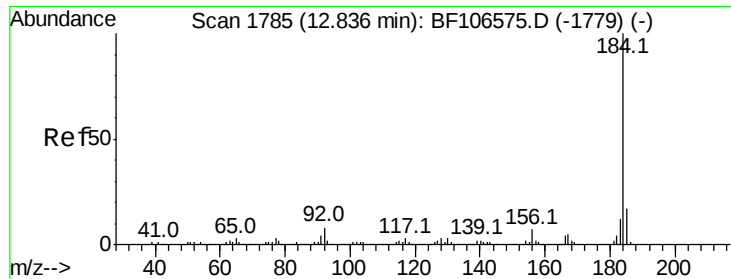
Tot Ion:202 Resp: 404200
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107058.D
 Acq: 2 Jul 2018 22:28

Tgt Ion:240 Resp: 153478
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.5 14.3#
 236 25.8 20.7 31.1

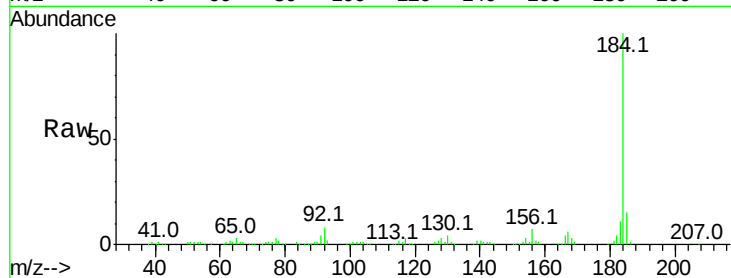




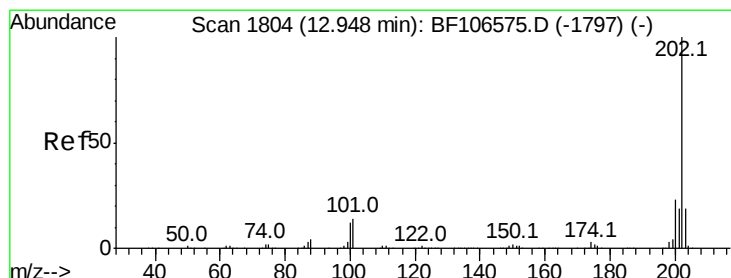
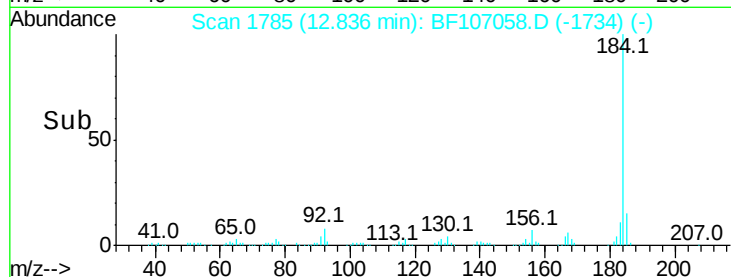
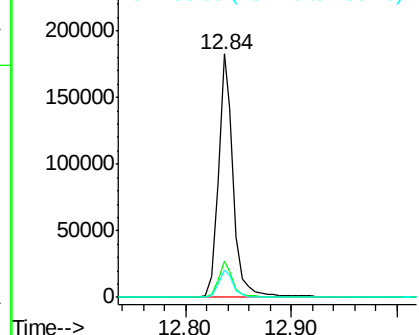
#76
Benzidine
Concen: 41.666 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 182124
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.3 9.3 13.9

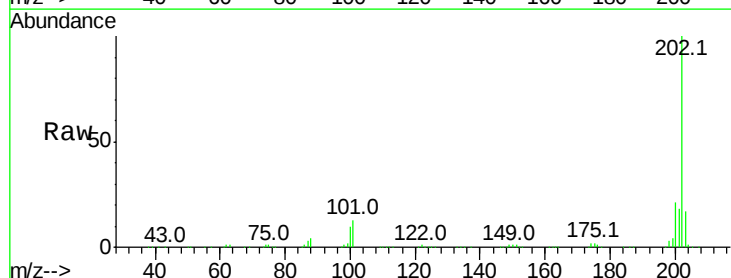


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

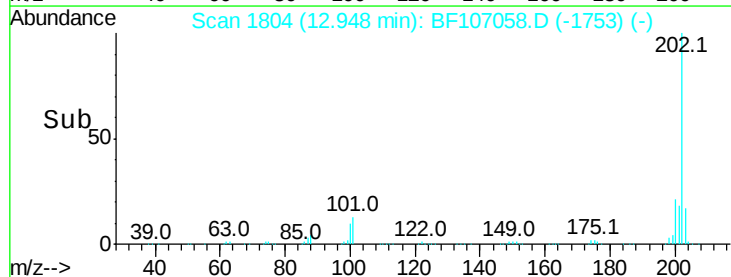
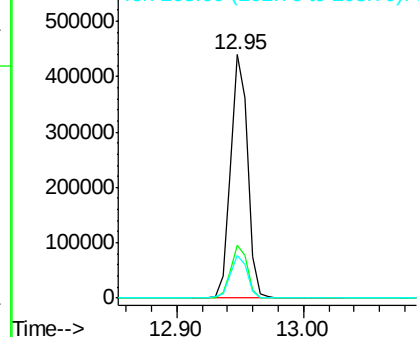


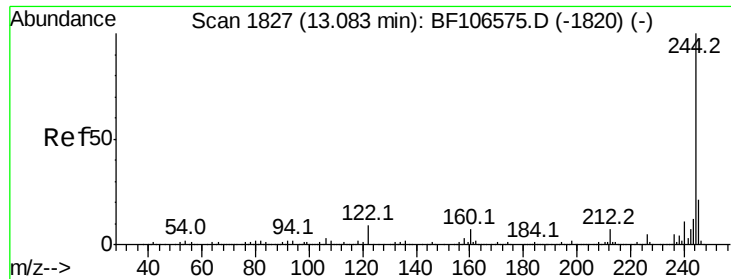
#77
Pyrene
Concen: 40.088 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:202 Resp: 405721
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.3 14.3 21.5



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





#78

Terphenyl-d14

Concen: 91.193 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

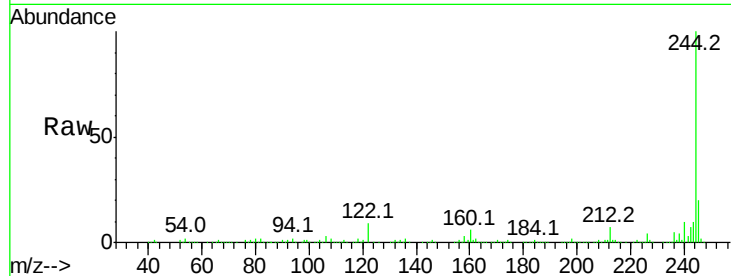
Tot Ion:244 Resp: 577802

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

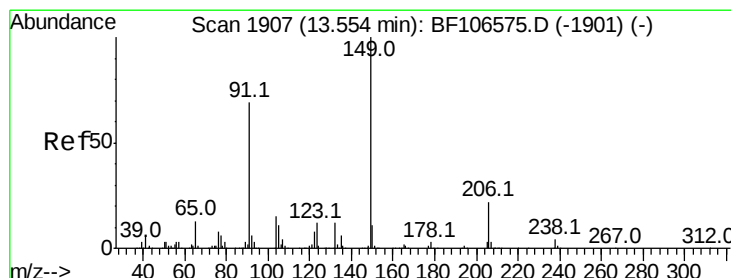
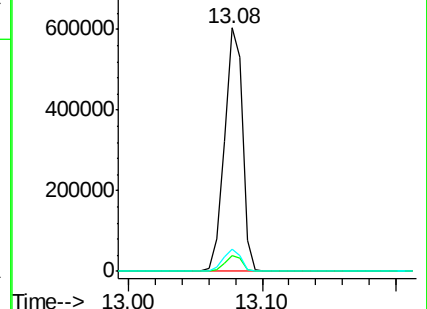
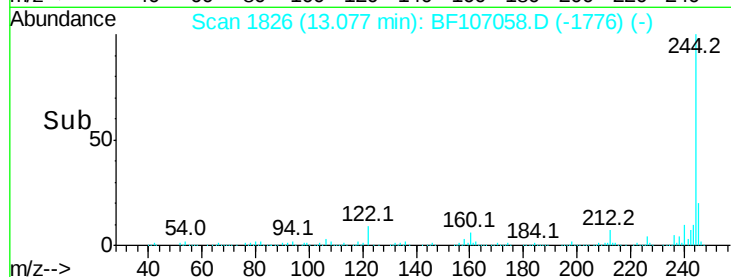
122 9.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.593 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

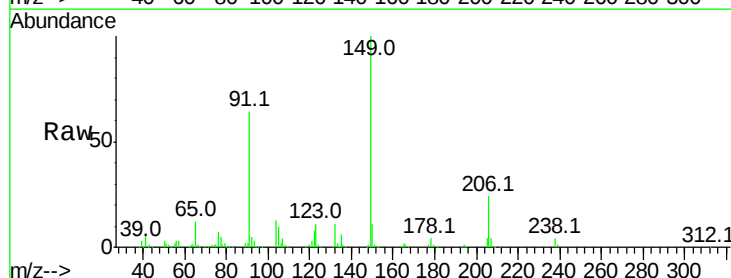
Tgt Ion:149 Resp: 160593

Ion Ratio Lower Upper

149 100

91 64.0 56.8 85.2

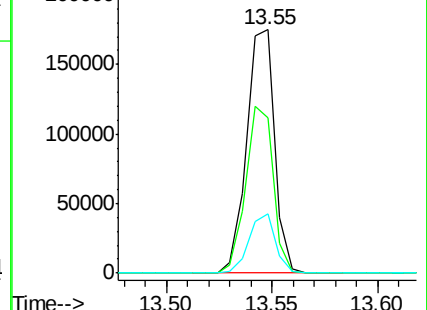
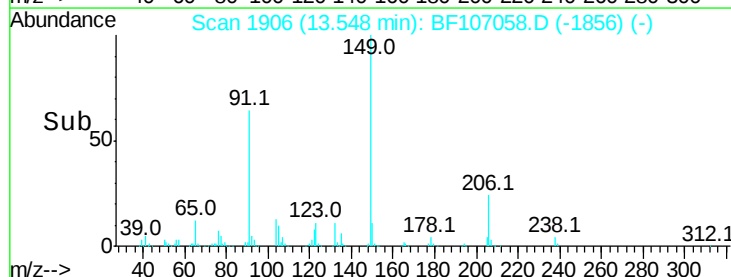
206 24.5 14.1 21.1#

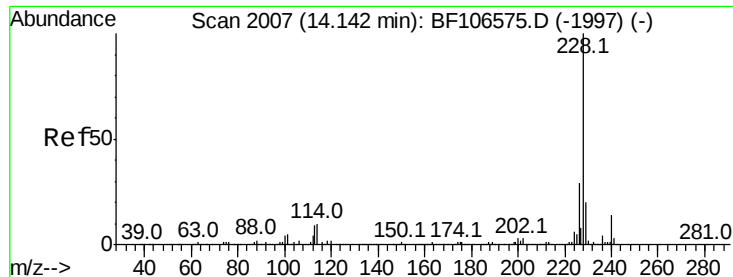


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.682 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

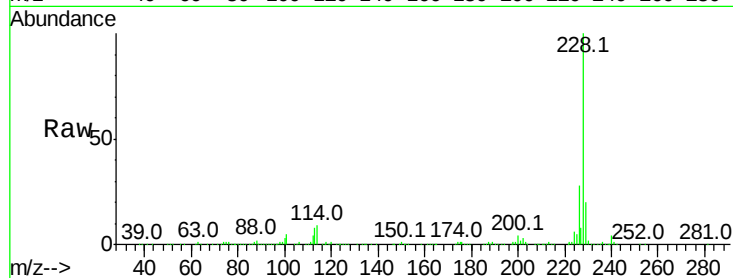
Tot Ion:228 Resp: 361831

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

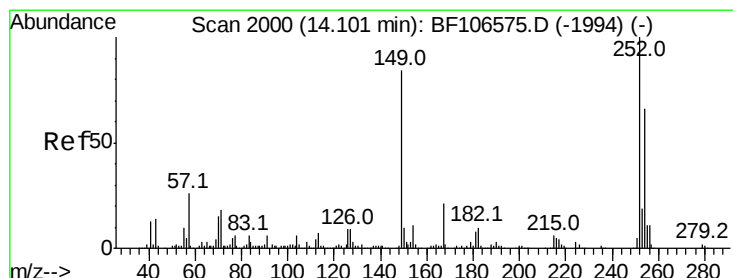
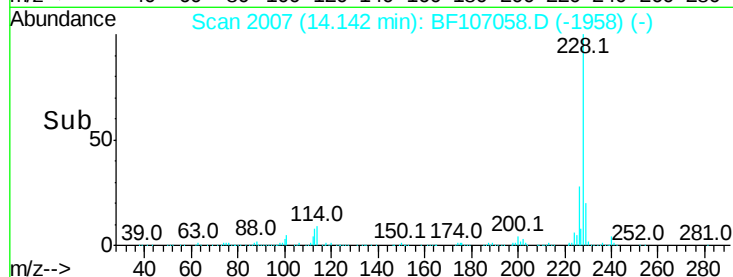
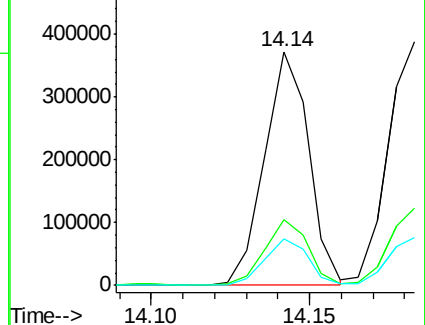
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 40.968 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

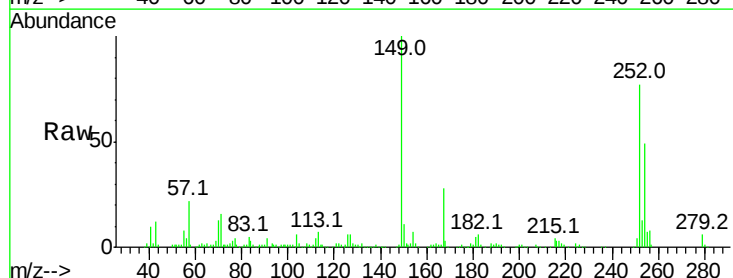
Tgt Ion:252 Resp: 134685

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

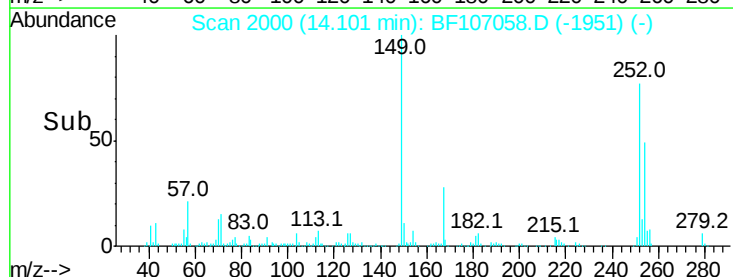
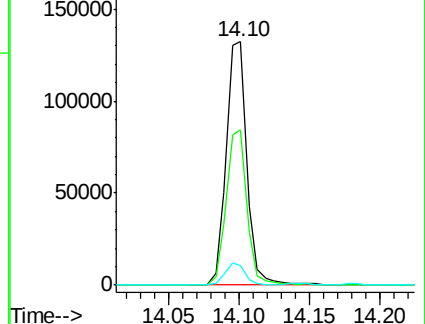
126 7.9 11.3 16.9#

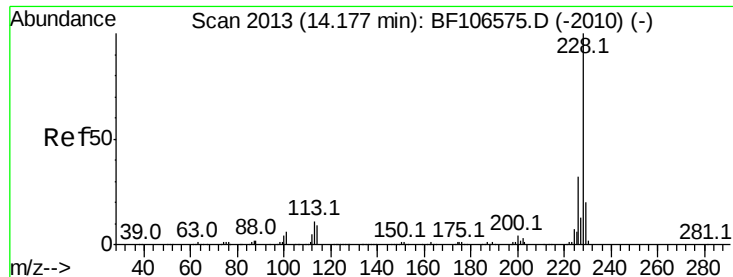


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.390 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

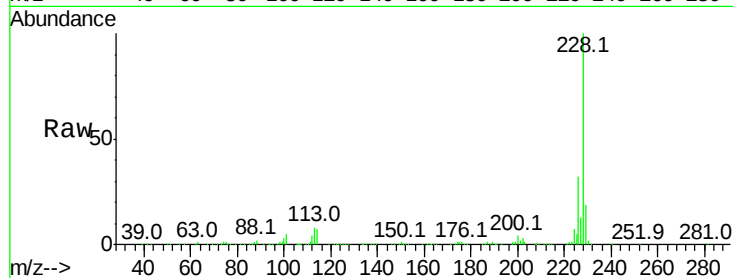
Tot Ion:228 Resp: 338977

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.4	16.2	24.4

228 100

226 31.6 25.0 37.6

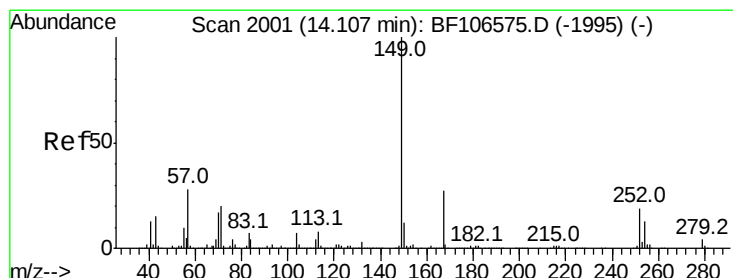
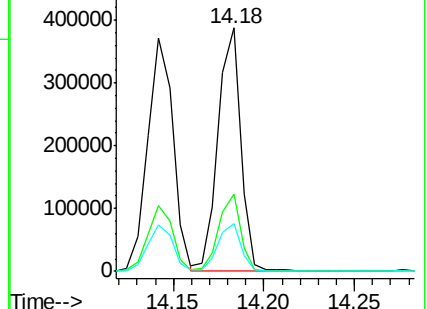
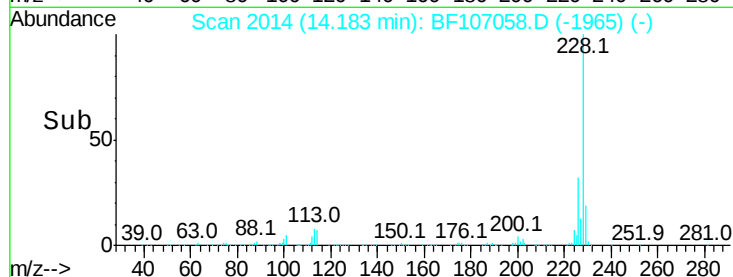
229 19.4 16.2 24.4



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: 39.404 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

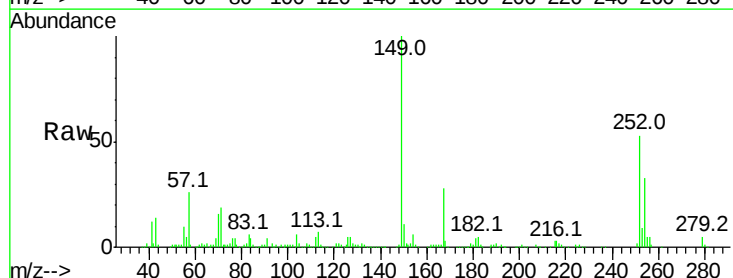
Tgt Ion:149 Resp: 209625

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	4.7	3.0	4.4#

149 100

167 27.8 21.3 31.9

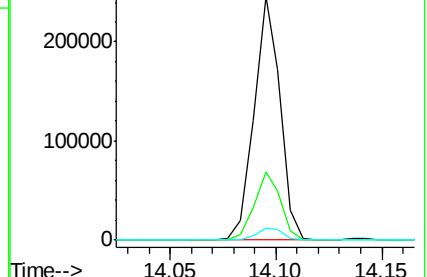
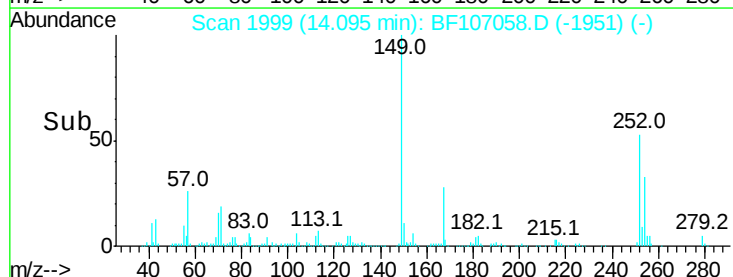
279 4.7 3.0 4.4#

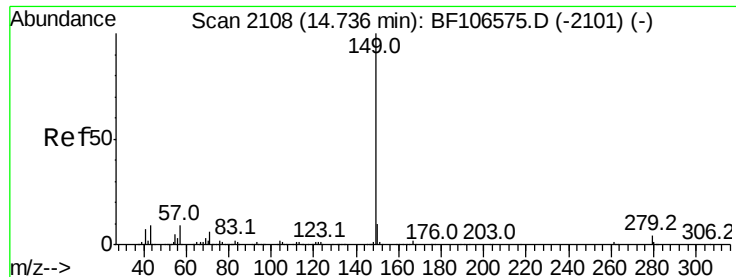


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

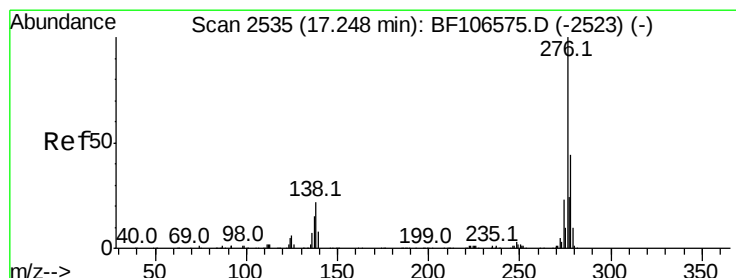
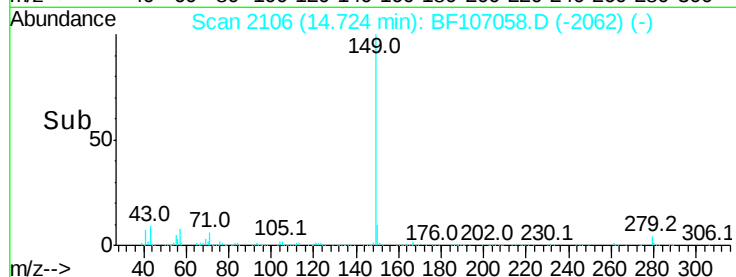
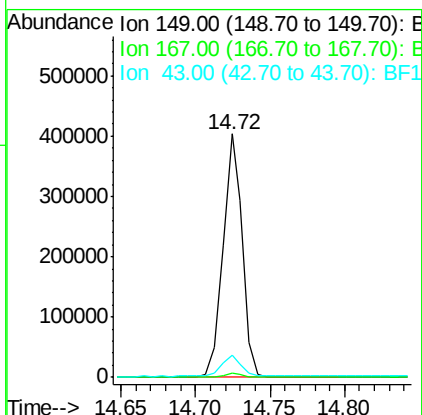
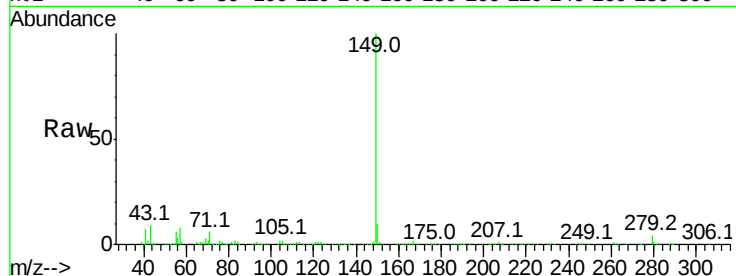




#84
Di-n-octyl phthalate
Concen: 42.139 ng
RT: 14.72 min Scan# 2106
Delta R.T. -0.04 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

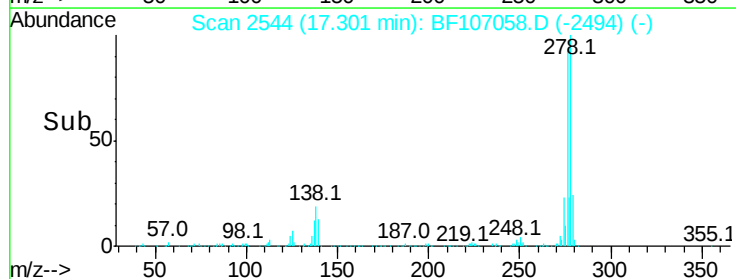
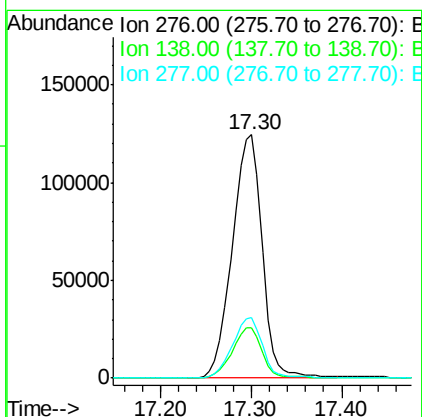
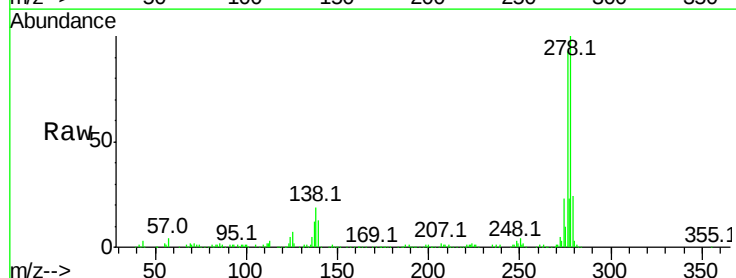
Instrument :
BNA_F
ClientSampled :

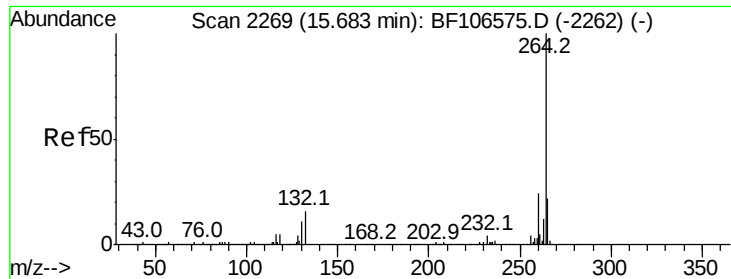
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	9.0	8.4	12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 39.138 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.0	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

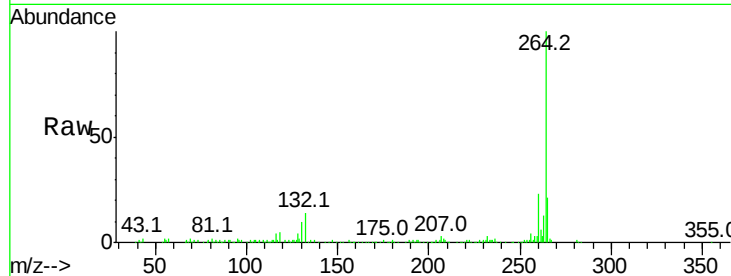
Tot Ion:264 Resp: 137433

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

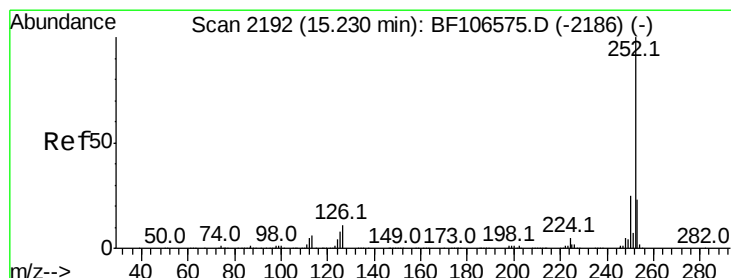
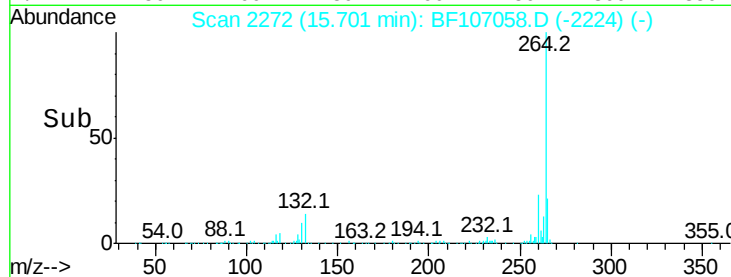
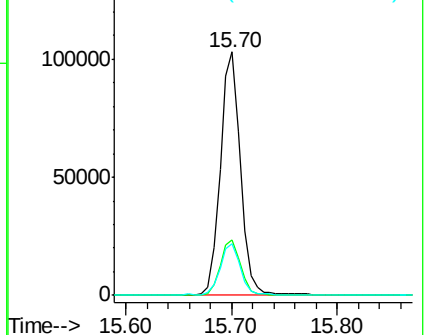
265 21.1 17.5 26.3



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: 37.971 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF107058.D

Acq: 2 Jul 2018 22:28

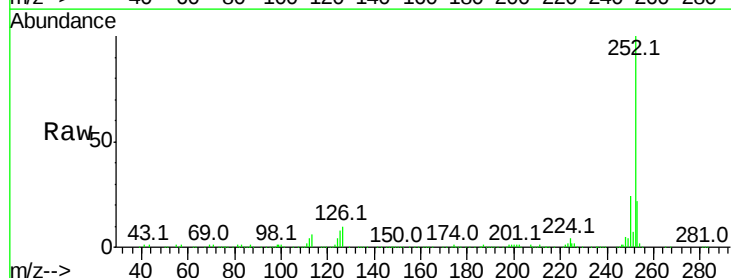
Tgt Ion:252 Resp: 324165

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

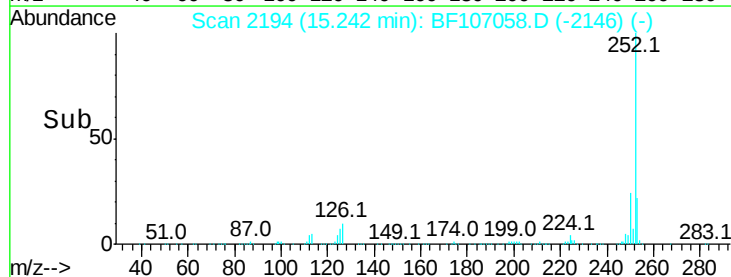
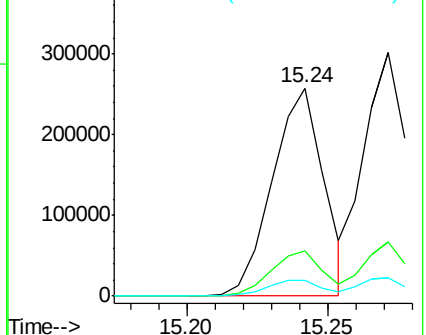
125 7.5 9.0 13.6#

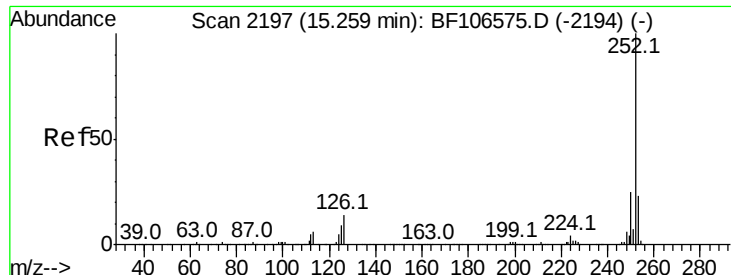


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

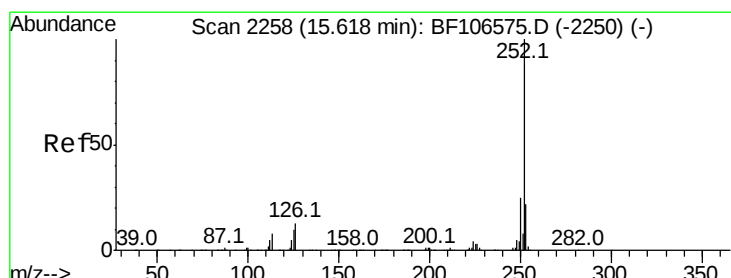
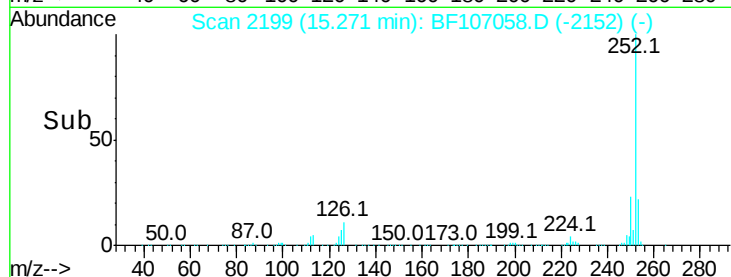
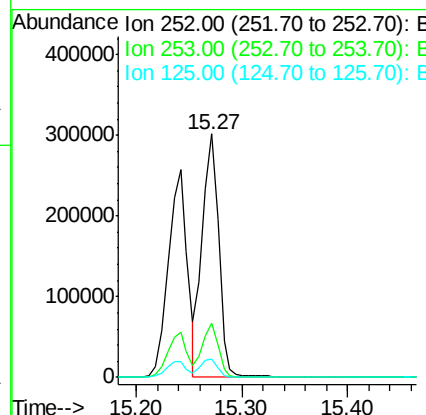
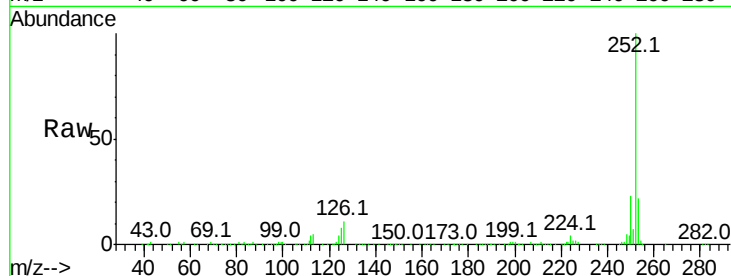




#88
Benzo(k)fluoranthene
Concen: 39.843 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

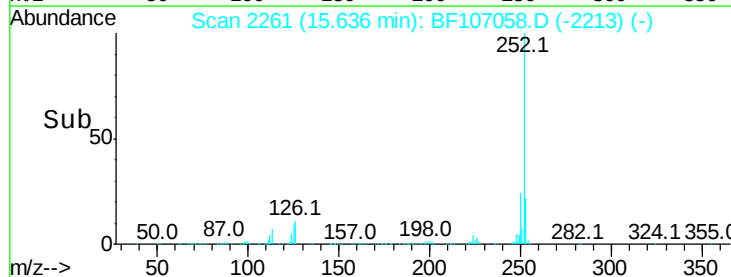
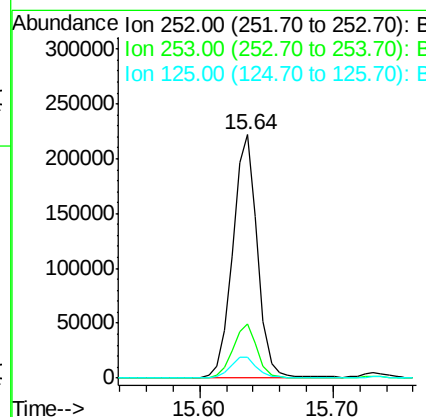
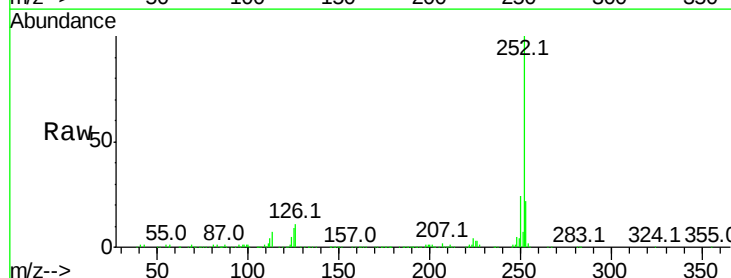
Instrument :
BNA_F
ClientSampleId :

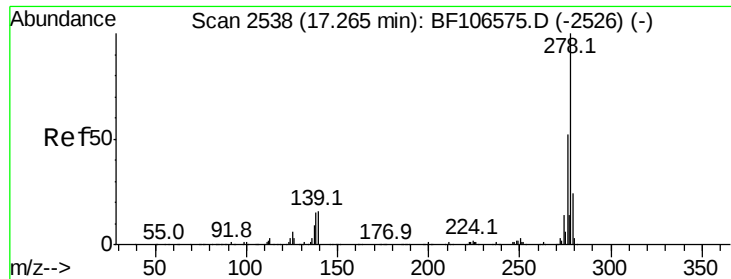
Tot Ion:252 Resp: 323928
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 37.973 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion:252 Resp: 288190
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 8.8 9.8 14.6#

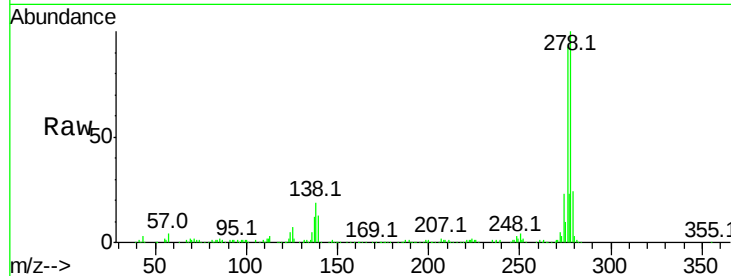




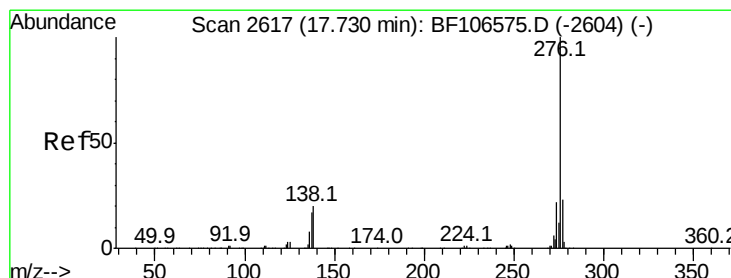
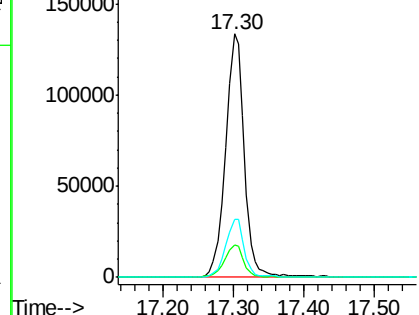
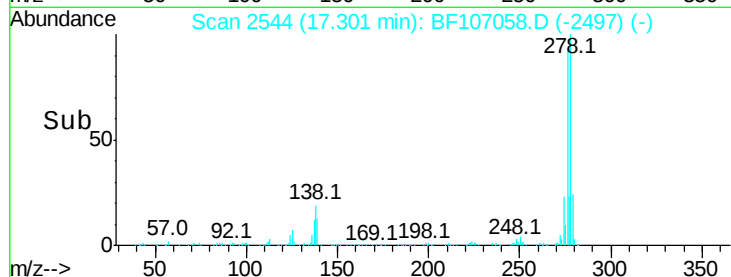
#90
Dibenzo(a,h)anthracene
Concen: 38.336 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	15.9	23.9#
279	23.8	19.0	28.4

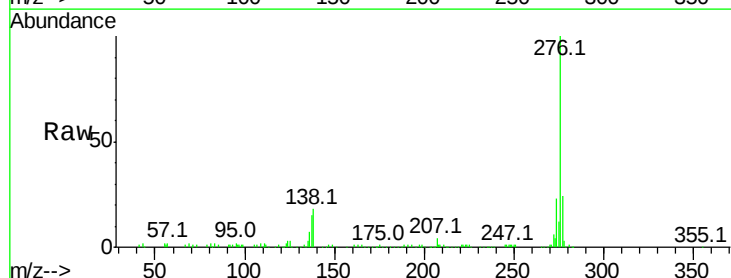


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 35.486 ng
RT: 17.78 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BF107058.D
Acq: 2 Jul 2018 22:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	18.0	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

