

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106799.D
 Acq On : 26 Jun 2018 4:05
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 05:23:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41260	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	148934	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	66799	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	129042	20.00	ng	0.00
75) Chrysene-d12	14.15	240	115542	20.00	ng	-0.02
86) Perylene-d12	15.69	264	84534	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	192696	79.08	ng	0.00
7) Phenol-d6	6.61	99	227004	74.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	204094	76.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	60428	78.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	362097	93.17	ng	0.00
78) Terphenyl-d14	13.08	244	431440	90.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	45562	36.371	ng	97
3) Pyridine	3.58	79	124433	36.626	ng	97
4) n-Nitrosodimethylamine	3.54	42	48353	33.509	ng	87
6) Aniline	6.62	93	148584	35.997	ng	# 80
8) 2-Chlorophenol	6.75	128	101710	38.057	ng	97
9) Benzaldehyde	6.52	77	73580	34.251	ng	96
10) Phenol	6.62	94	126051	36.298	ng	79
11) bis(2-Chloroethyl)ether	6.70	93	104543	36.466	ng	99
12) 1,3-Dichlorobenzene	6.90	146	119278	38.106	ng	99
13) 1,4-Dichlorobenzene	6.98	146	121376	38.355	ng	100
14) 1,2-Dichlorobenzene	7.13	146	112917	38.934	ng	99
15) Benzyl Alcohol	7.10	79	85873	35.146	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	125717	33.423	ng	73
17) 2-Methylphenol	7.22	107	82310	35.989	ng	95
18) Hexachloroethane	7.47	117	29124	26.171	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	70465	35.131	ng	93
20) 3+4-Methylphenols	7.37	107	101106	39.601	ng	# 64
22) Acetophenone	7.37	105	136732	41.036	ng	# 97
24) Nitrobenzene	7.55	77	101596	37.132	ng	98
25) Isophorone	7.78	82	169830	35.962	ng	97
26) 2-Nitrophenol	7.86	139	41953	32.481	ng	98
27) 2,4-Dimethylphenol	7.90	122	78454	39.297	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	121025	38.169	ng	98
29) 2,4-Dichlorophenol	8.11	162	81120	38.811	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	95861	41.633	ng	97
31) Naphthalene	8.27	128	270616	38.864	ng	99
32) Benzoic acid	8.00	122	18814	17.140	ng	98
33) 4-Chloroaniline	8.32	127	108351	37.085	ng	97
34) Hexachlorobutadiene	8.37	225	65105	43.394	ng	99
35) Caprolactam	8.68	113	24523	35.994	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	78715	35.780	ng	97
37) 2-Methylnaphthalene	8.96	142	182855	39.619	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	96265	42.792	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	54970	36.761	ng	95

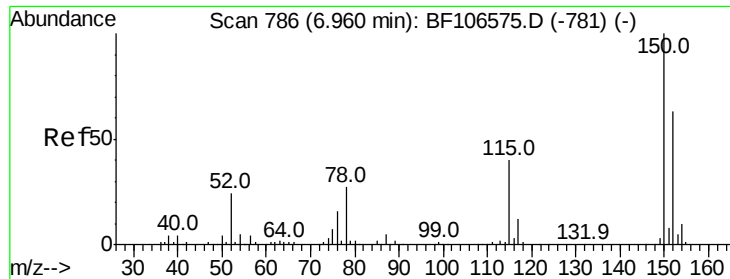
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106799.D
 Acq On : 26 Jun 2018 4:05
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 05:23:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	54970	35.230	nq	91
45) 1,1'-Biphenyl	9.42	154	224677	42.204	nq	97
46) 2-Chloronaphthalene	9.45	162	155404	37.086	nq	95
47) 2-Nitroaniline	9.55	65	50421	35.782	nq	97
48) Acenaphthylene	9.87	152	244088	36.895	nq	100
49) Dimethylphthalate	9.71	163	195913	39.104	nq	99
50) 2,6-Dinitrotoluene	9.78	165	35936	33.874	nq	91
51) Acenaphthene	10.04	154	152597	36.629	nq	98
52) 3-Nitroaniline	9.96	138	48305	39.568	nq	98
53) 2,4-Dinitrophenol	10.08	184	110	5.539	nq	# 1
54) Dibenzofuran	10.21	168	225479	39.526	nq	96
55) 4-Nitrophenol	10.14	139	23996	28.160	nq	97
56) 2,4-Dinitrotoluene	10.19	165	42482	30.678	nq	92
57) Fluorene	10.55	166	173623	38.355	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	46630	37.595	nq	# 76
59) Diethylphthalate	10.41	149	179837	37.191	nq	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	94290	39.809	nq	# 82
61) 4-Nitroaniline	10.58	138	49917	41.200	nq	91
62) Azobenzene	10.70	77	150271	31.558	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	2246	2.816	nq	82
65) n-Nitrosodiphenylamine	10.66	169	157142	36.205	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	61081	39.662	nq	# 81
67) Hexachlorobenzene	11.10	284	62594	38.833	nq	# 87
68) Atrazine	11.18	200	51218	37.120	nq	95
69) Pentachlorophenol	11.30	266	20050	24.930	nq	98
70) Phenanthrene	11.52	178	252458	40.562	nq	98
71) Anthracene	11.57	178	258452	40.683	nq	99
72) Carbazole	11.73	167	237724	39.968	nq	98
73) Di-n-butylphthalate	12.04	149	267218	38.136	nq	99
74) Fluoranthene	12.71	202	296501	43.221	nq	96
76) Benzidine	12.84	184	135925	41.307	nq	99
77) Pyrene	12.95	202	306801	40.267	nq	99
79) Butylbenzylphthalate	13.55	149	120914	38.598	nq	# 92
80) Benzo(a)anthracene	14.14	228	267814	38.031	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	102456	41.397	nq	# 96
82) Chrysene	14.18	228	243696	37.616	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	157329	39.283	nq	# 96
84) Di-n-octyl phthalate	14.73	149	278455	42.654	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	188097	34.213	nq	# 90
87) Benzo(b)fluoranthene	15.23	252	212153	40.401	nq	# 97
88) Benzo(k)fluoranthene	15.26	252	188026	37.600	nq	# 95
89) Benzo(a)pyrene	15.62	252	177143	37.947	nq	# 95
90) Dibenzo(a,h)anthracene	17.28	278	160812	40.648	nq	# 94
91) Benzo(g,h,i)perylene	17.75	276	156432	40.454	nq	# 88

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

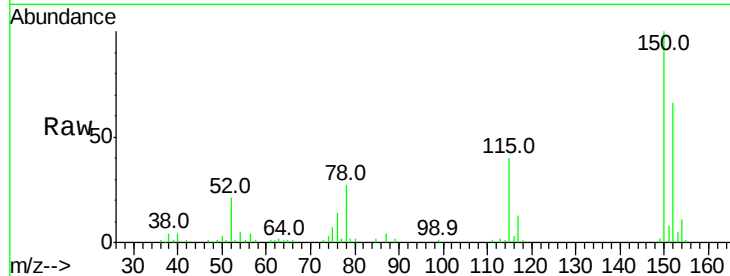


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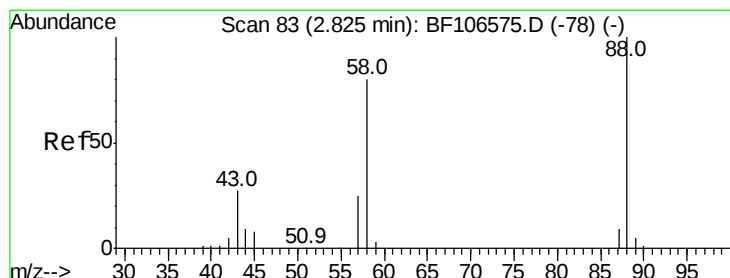
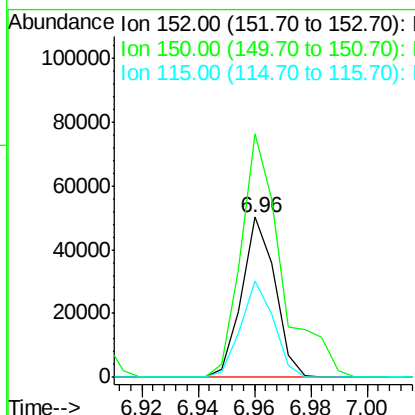
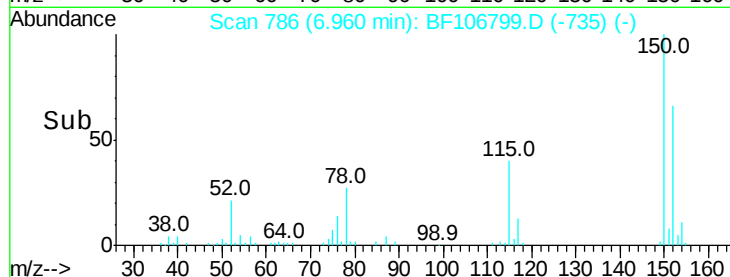
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41260
Ion Ratio Lower Upper
152 100
150 151.9 124.6 186.8
115 60.2 50.1 75.1



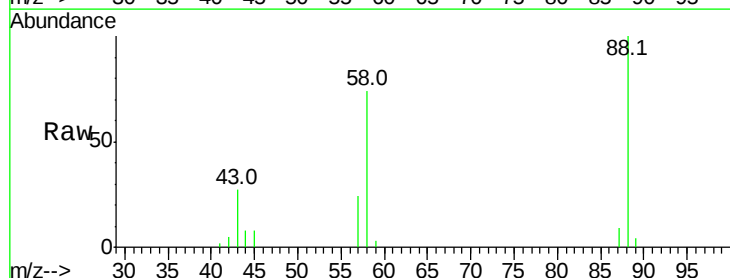
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



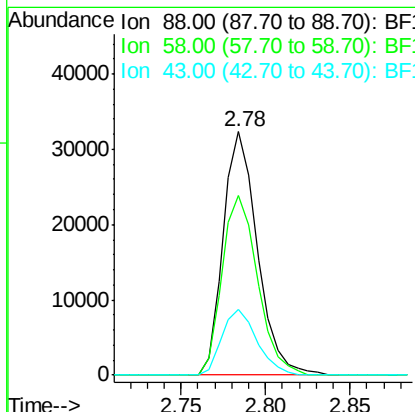
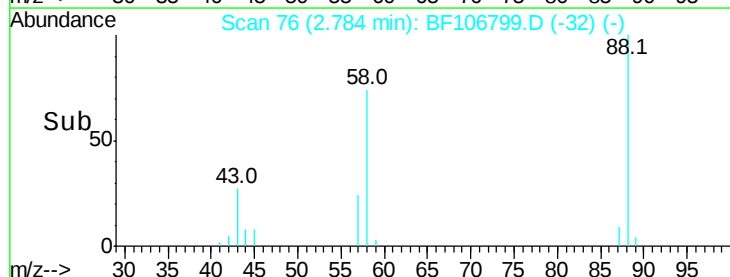
#2

1,4-Dioxane
Concen: 36.371 ng
RT: 2.78 min Scan# 76
Delta R.T. -0.04 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion: 88 Resp: 45562
Ion Ratio Lower Upper
88 100
58 76.5 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: 36.626 ng

RT: 3.58 min Scan# 211

Delta R.T. -0.03 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

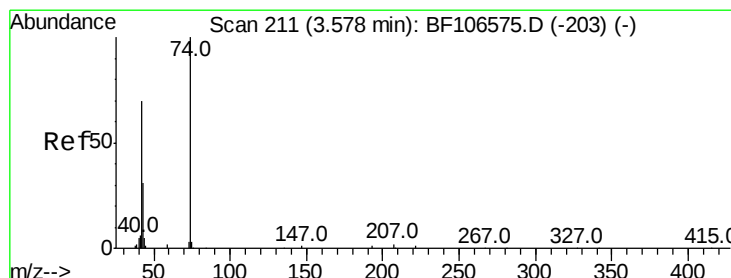
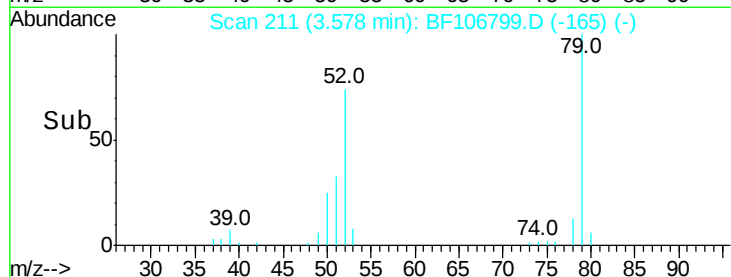
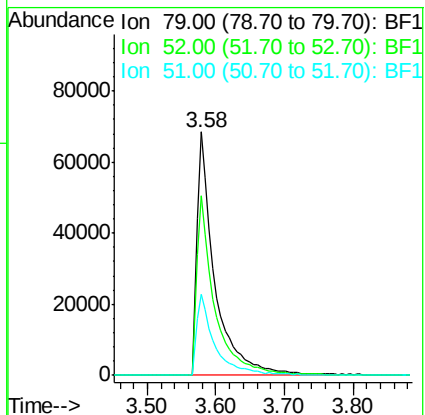
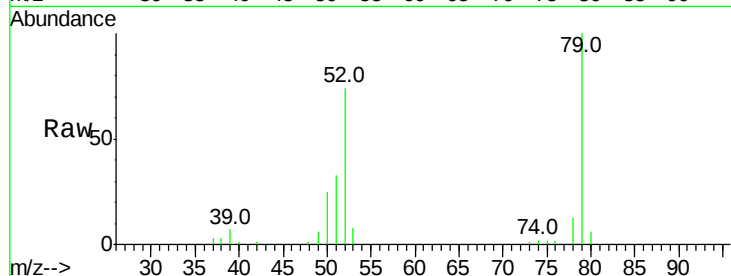
Tot Ion: 79 Resp: 124433

Ion Ratio Lower Upper

79 100

52 74.0 59.8 89.6

51 33.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.509 ng

RT: 3.54 min Scan# 205

Delta R.T. -0.05 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

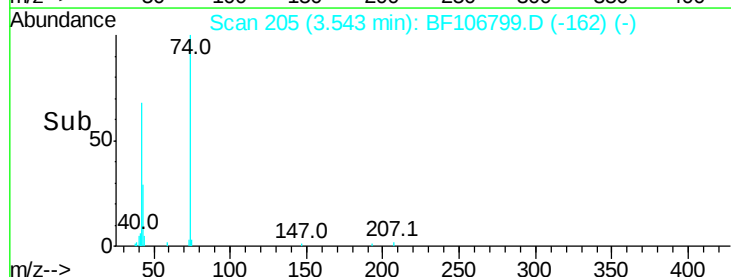
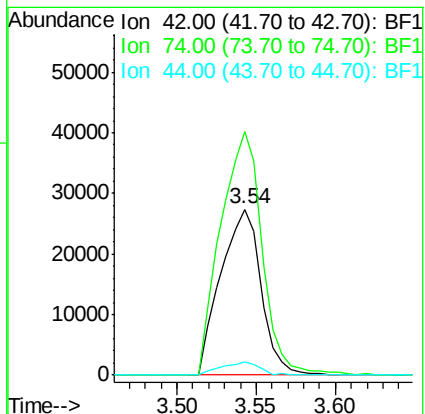
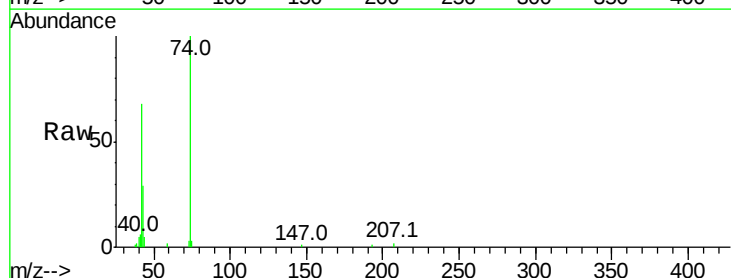
Tgt Ion: 42 Resp: 48353

Ion Ratio Lower Upper

42 100

74 147.0 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 79.083 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

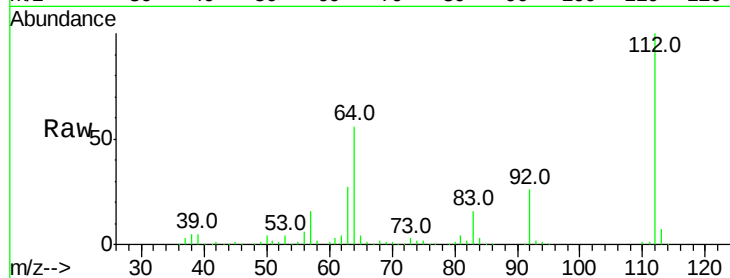
Tot Ion:112 Resp: 192696

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

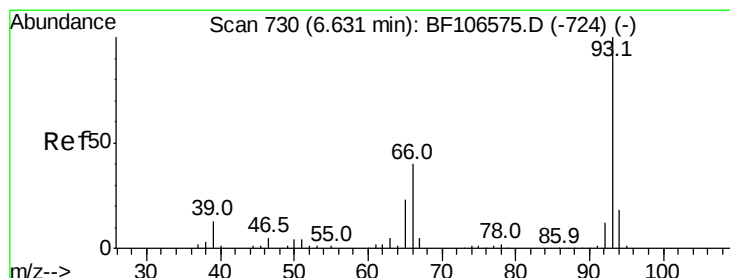
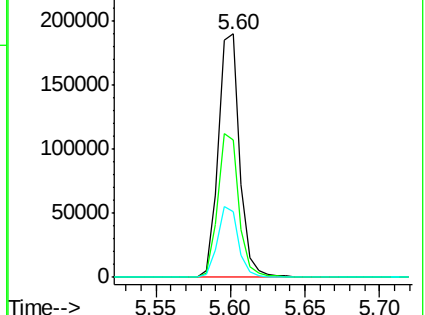
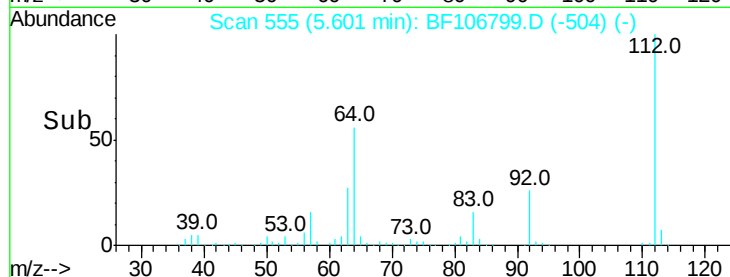
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.997 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

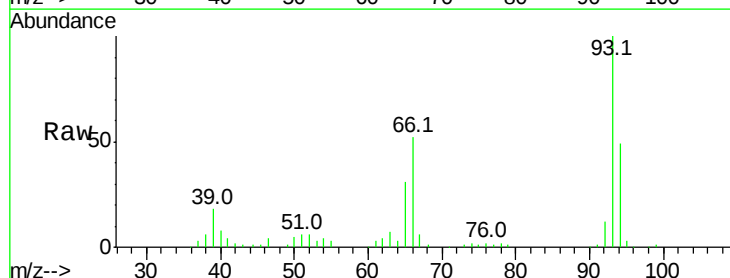
Tgt Ion: 93 Resp: 148584

Ion Ratio Lower Upper

93 100

66 52.1 32.2 48.2#

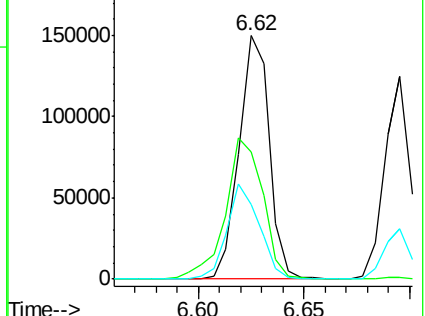
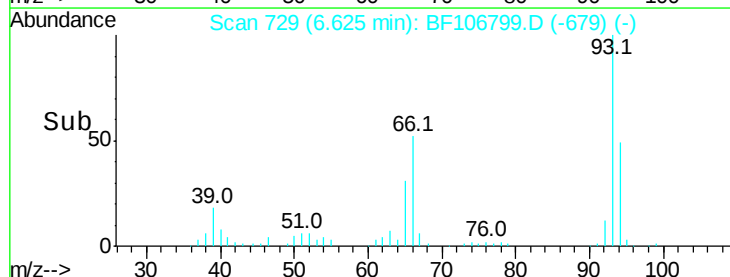
65 30.6 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.602 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

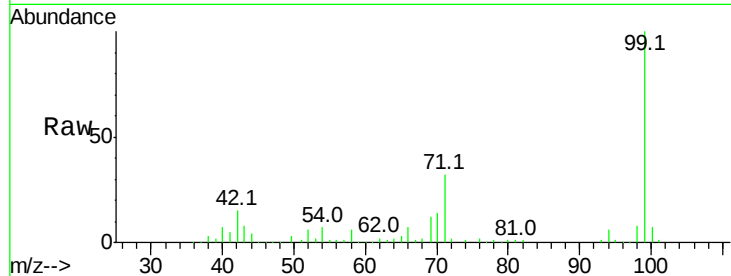
Tot Ion: 99 Resp: 227004

Ion Ratio Lower Upper

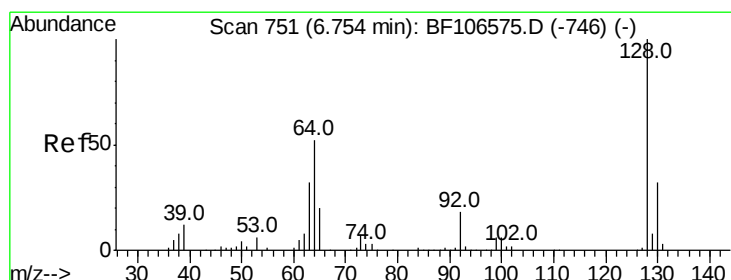
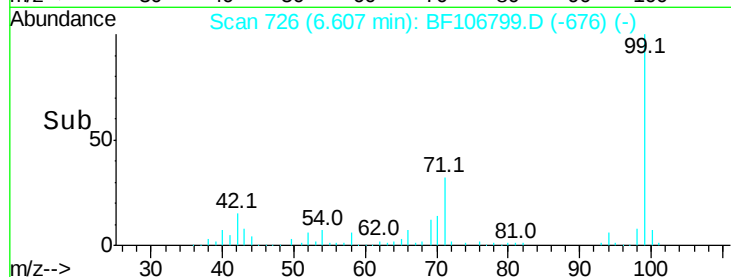
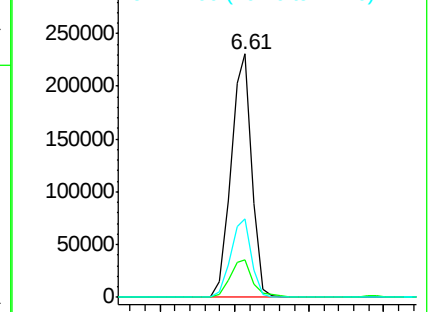
99 100

42 15.5 14.5 21.7

71 32.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.057 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

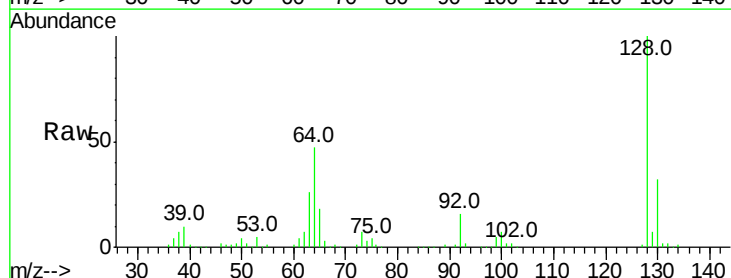
Tgt Ion: 128 Resp: 101710

Ion Ratio Lower Upper

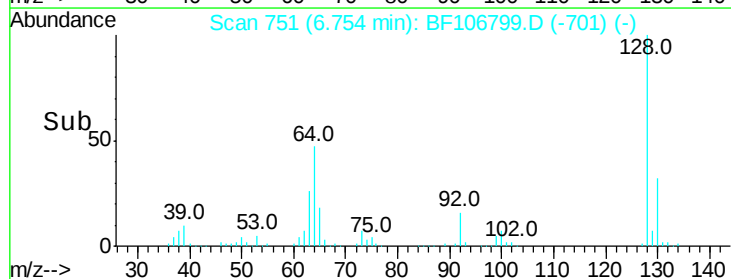
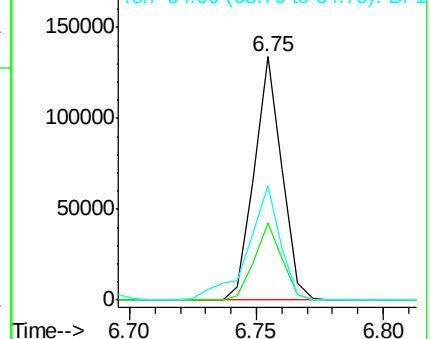
128 100

130 31.6 13.0 53.0

64 46.8 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

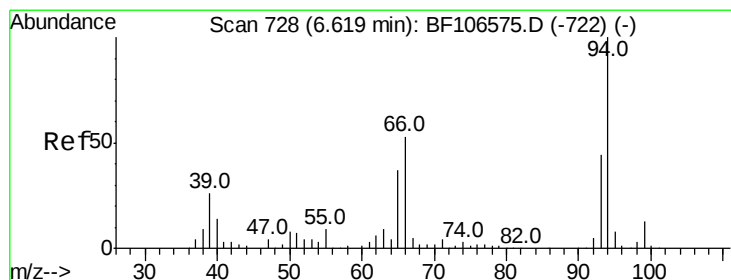
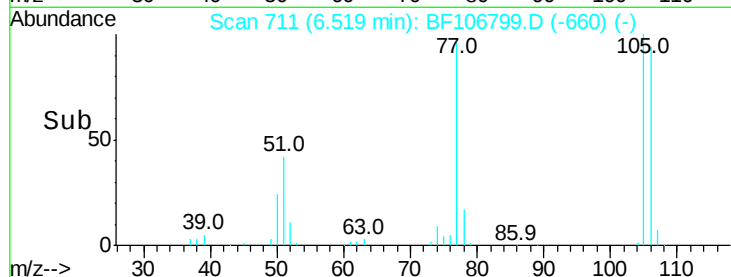
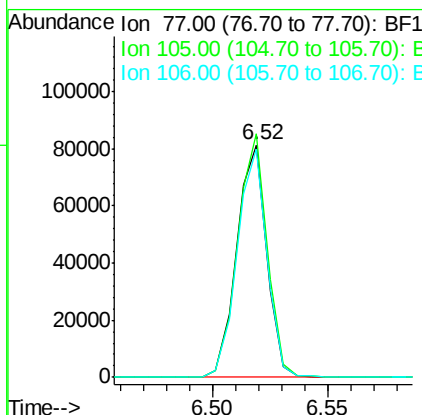
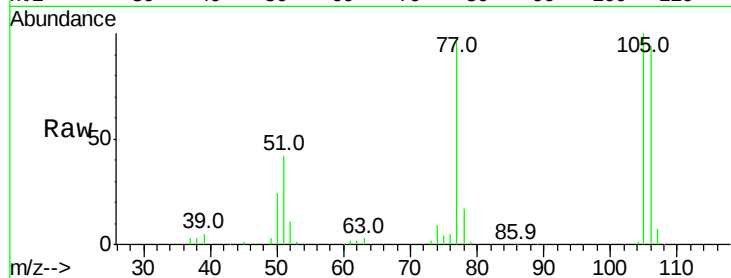




#9
Benzaldehyde
Concen: 34.251 ng
RT: 6.52 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

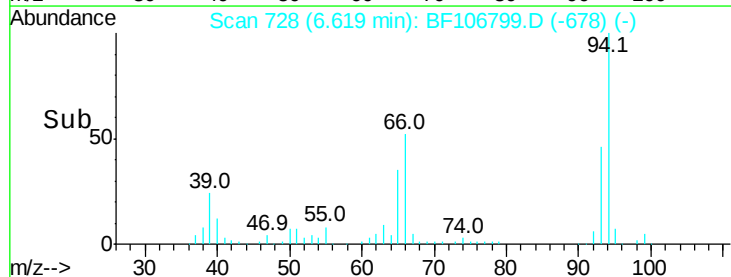
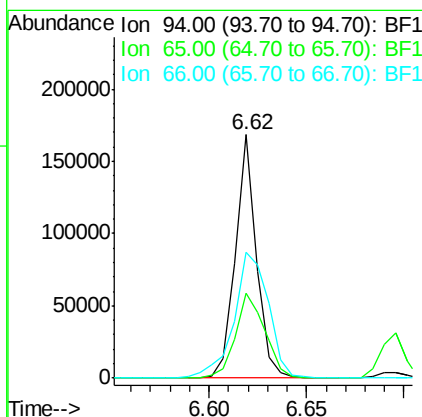
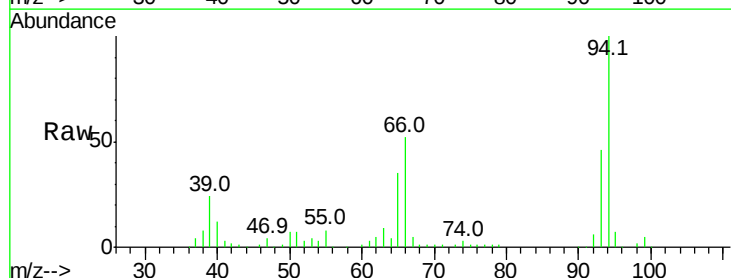
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 73580
Ion Ratio Lower Upper
77 100
105 104.6 81.1 121.1
106 98.3 74.5 114.5



#10
Phenol
Concen: 36.298 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion: 94 Resp: 126051
Ion Ratio Lower Upper
94 100
65 34.9 7.9 47.9
66 51.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.466 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

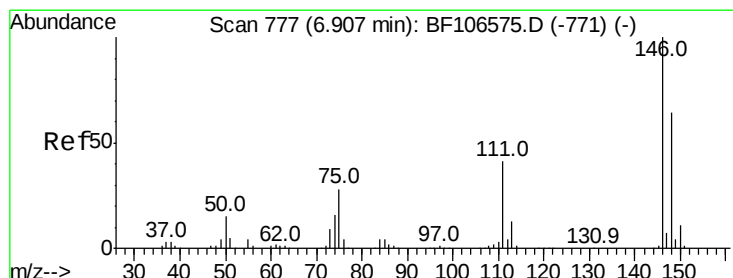
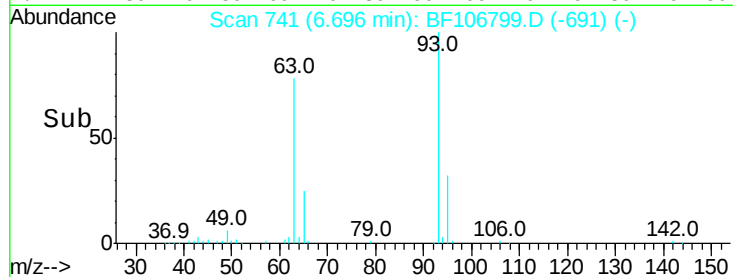
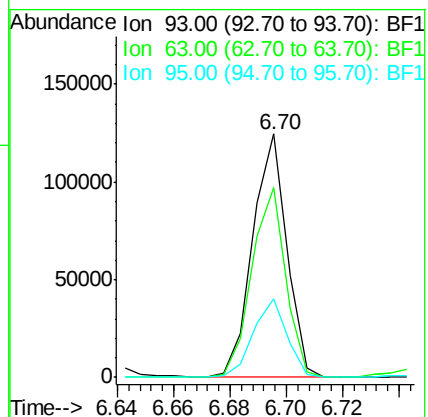
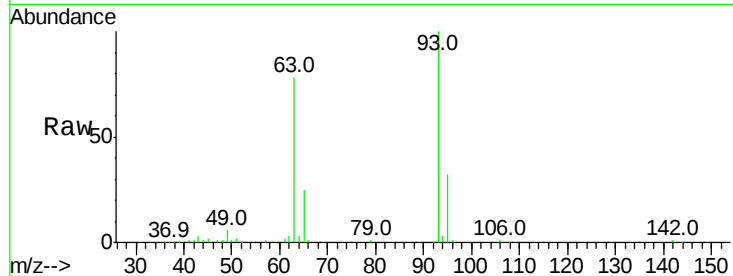
Tot Ion: 93 Resp: 104543

Ion Ratio Lower Upper

93 100

63 78.1 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.106 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

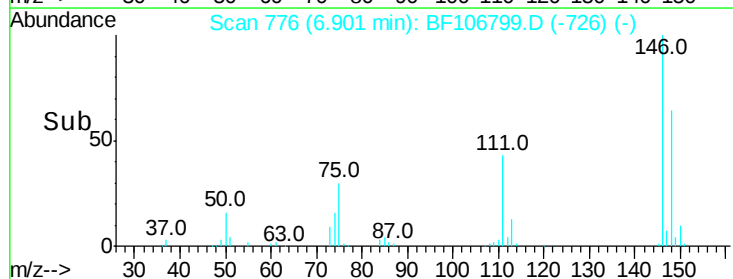
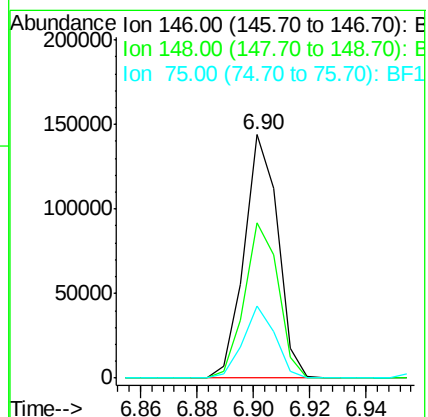
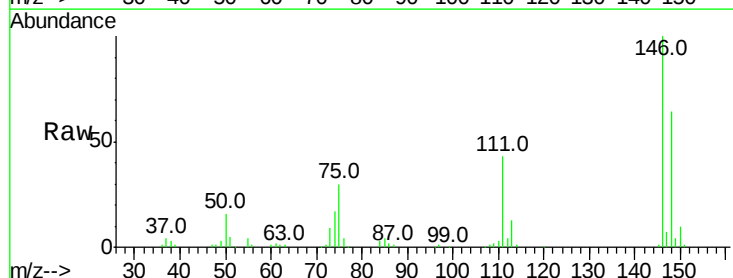
Tgt Ion: 146 Resp: 119278

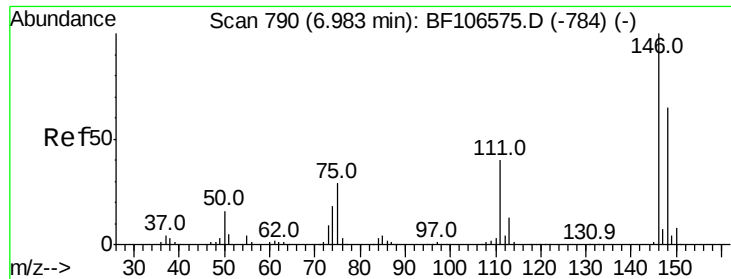
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 29.7 24.2 36.4

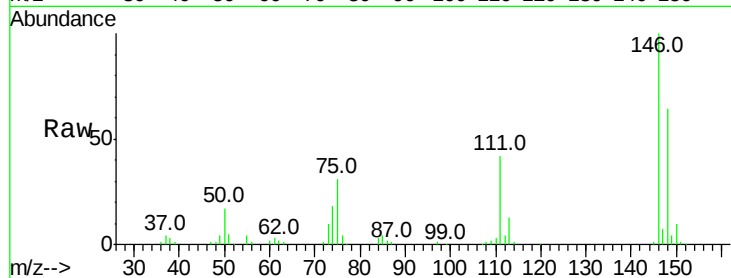




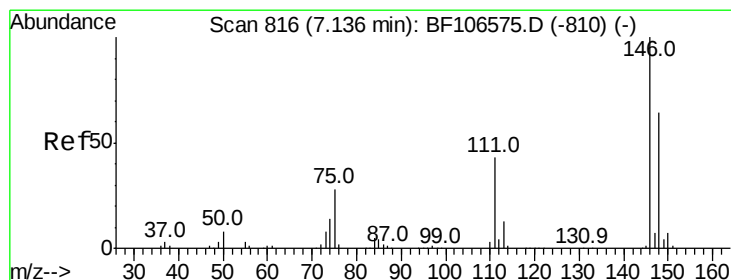
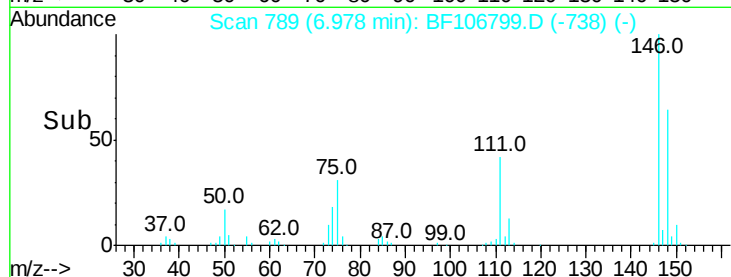
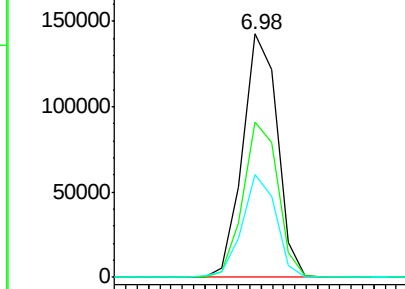
#13
 1,4-Dichlorobenzene
 Concen: 38.355 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	42.3	34.2	51.2

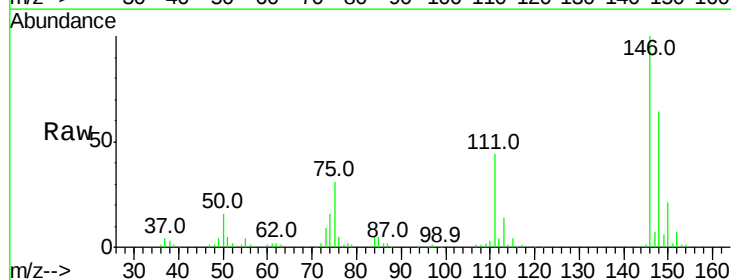


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

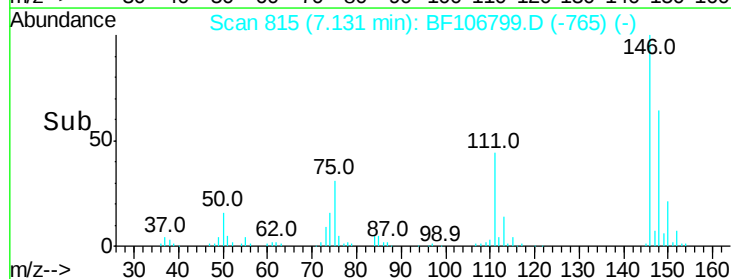
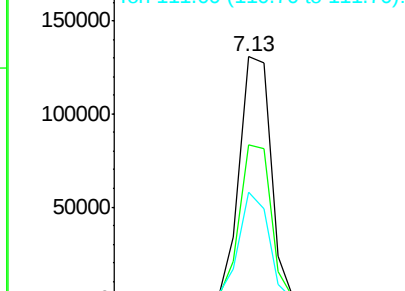


#14
 1,2-Dichlorobenzene
 Concen: 38.934 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	44.2	36.0	54.0



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

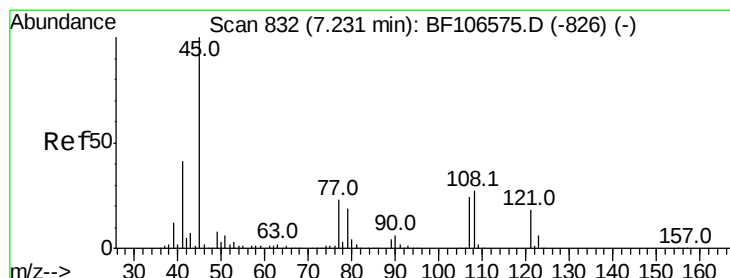
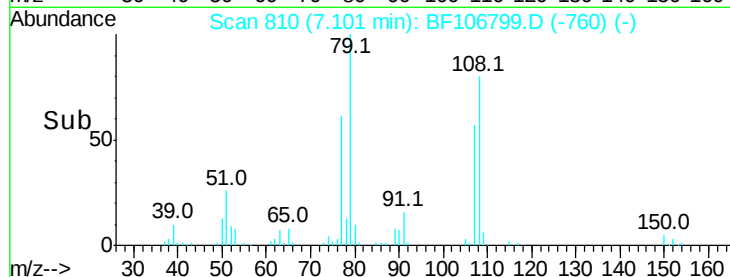
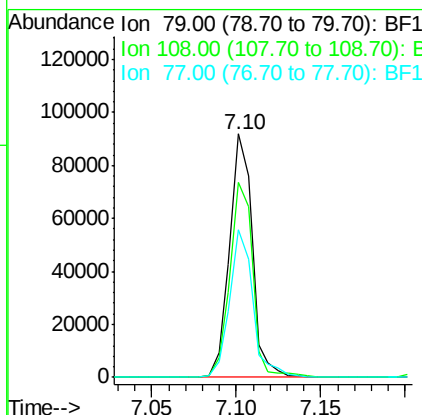
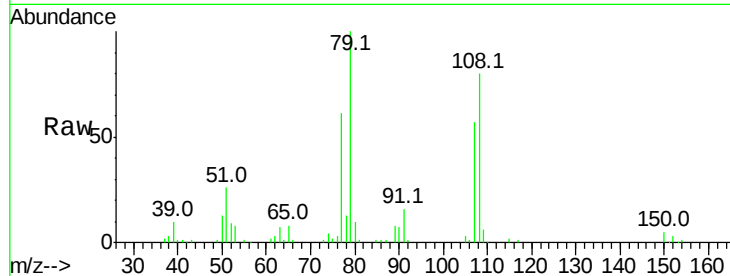




#15
Benzyl Alcohol
Concen: 35.146 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

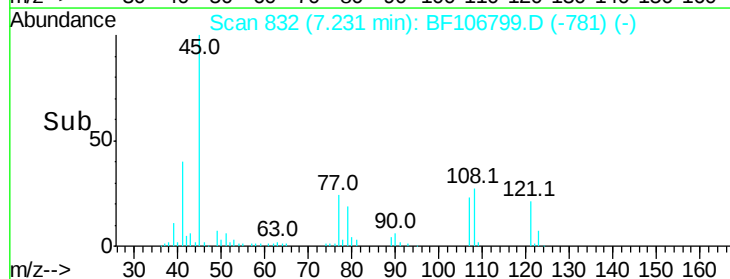
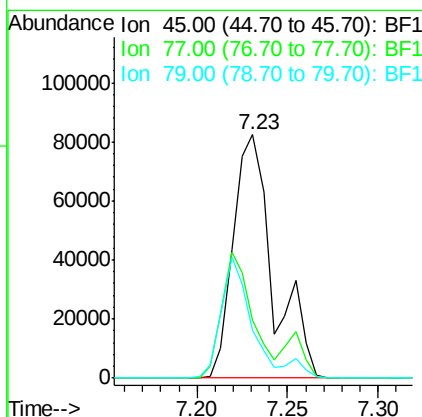
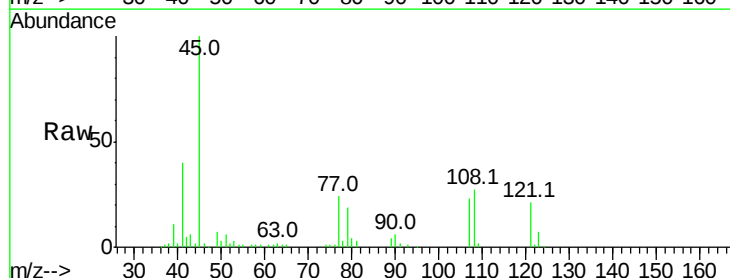
Instrument :
BNA_F
ClientSampleId :

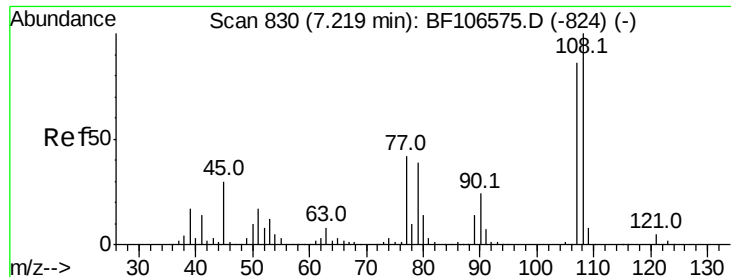
Tot Ion: 79 Resp: 85873
Ion Ratio Lower Upper
79 100
108 80.3 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.423 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion: 45 Resp: 125717
Ion Ratio Lower Upper
45 100
77 23.7 0.0 32.9
79 19.4 0.0 29.6





#17

2-Methylphenol

Concen: 35.989 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 82310

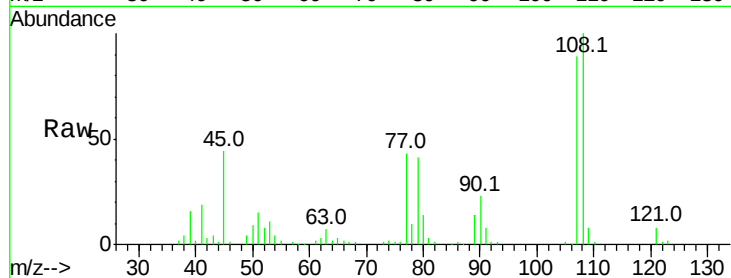
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 48.5 33.8 50.8

79 46.3 33.8 50.8

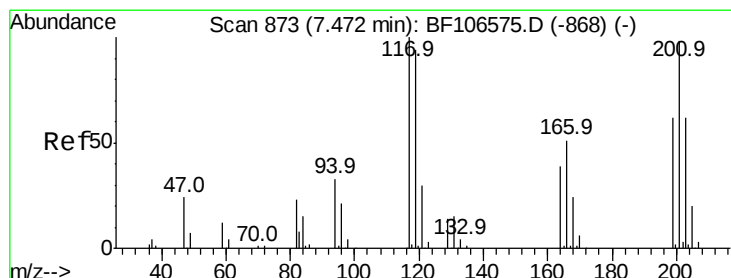
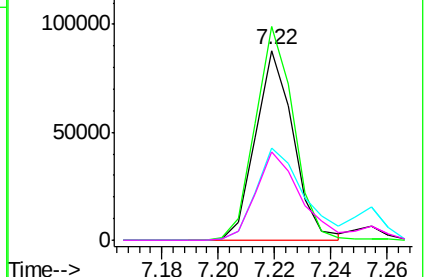
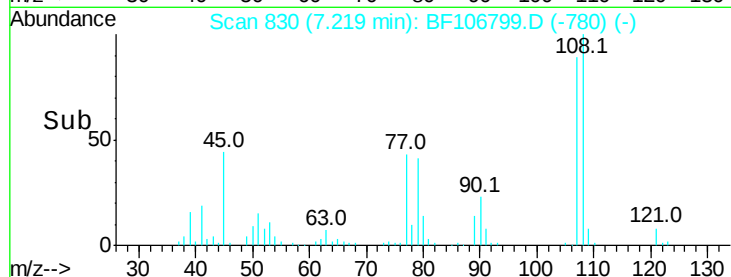


Abundance Ion 107.00 (106.70 to 107.70): E

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: 26.171 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

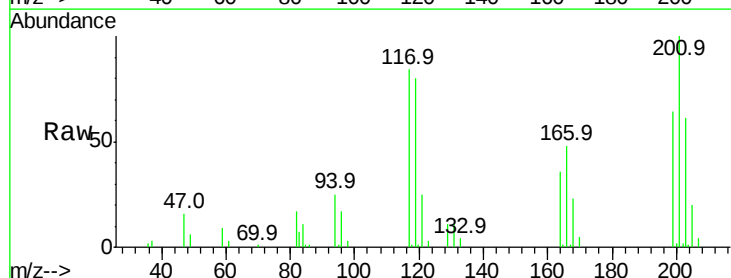
Tgt Ion:117 Resp: 29124

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

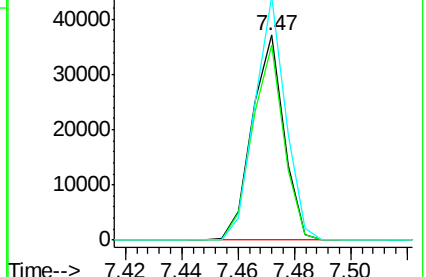
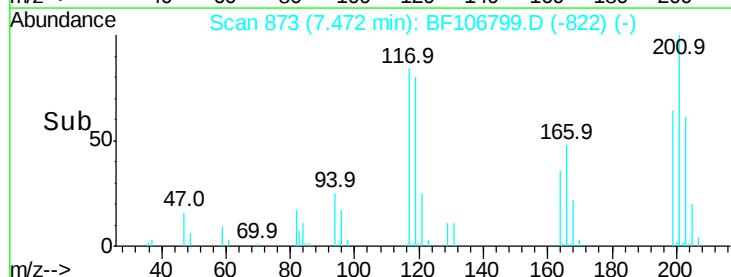
201 118.7 75.7 113.5#



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

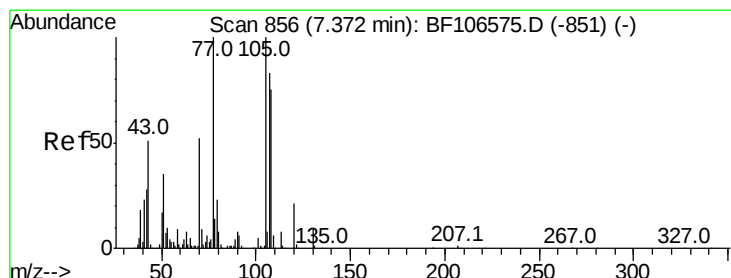
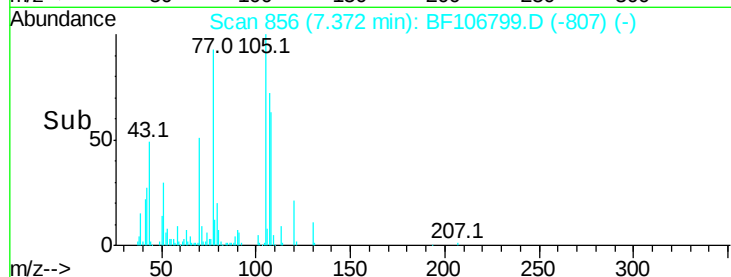
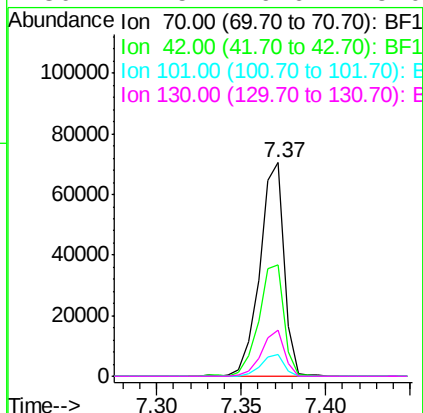
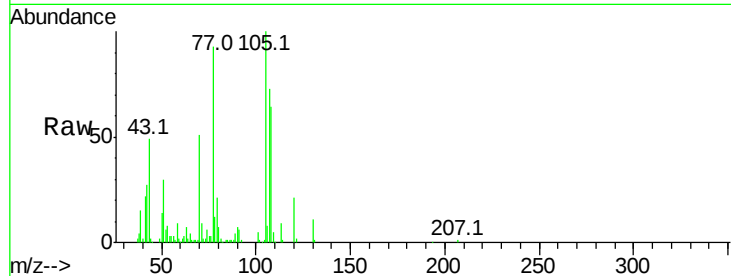




#19
n-Nitroso-di-n-propylamine
Concen: 35.131 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

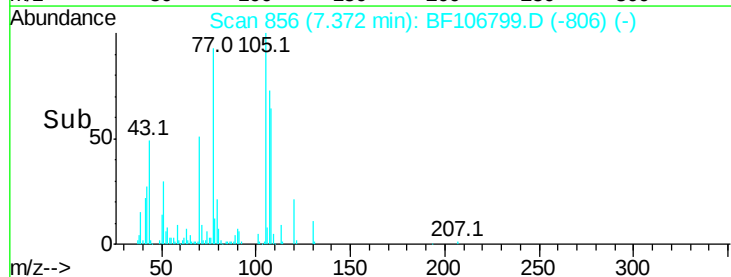
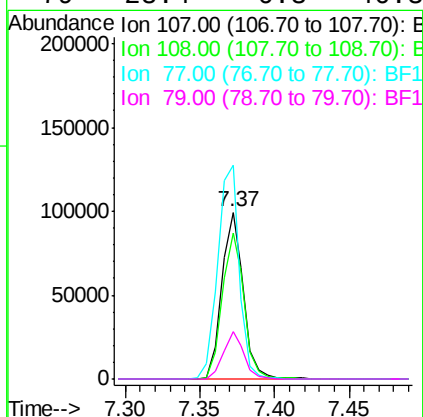
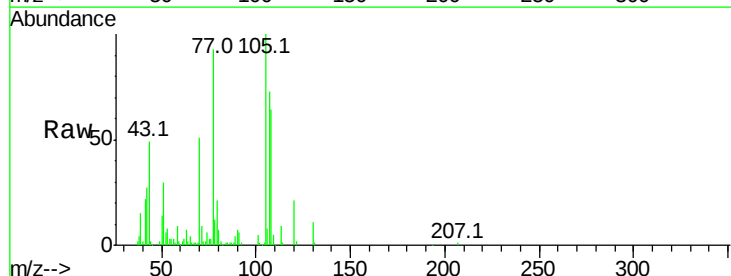
Instrument :
BNA_F
ClientSampleId :

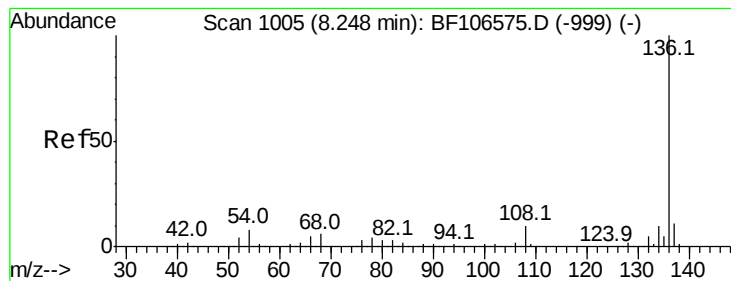
Tot Ion:	70	Resp:	70465
Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	10.5	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.601 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:	107	Resp:	101106
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.2	108.2
77	128.1	26.7	66.7#
79	28.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 148934

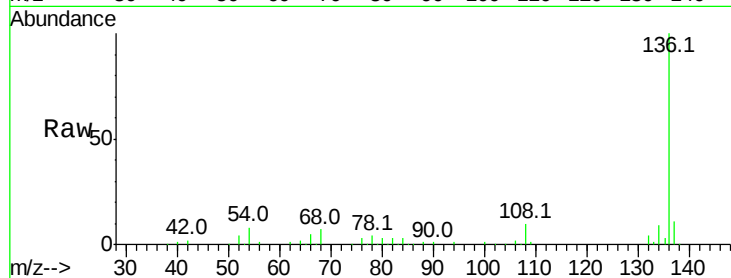
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.1 6.6 9.8

68 6.6 5.0 7.4

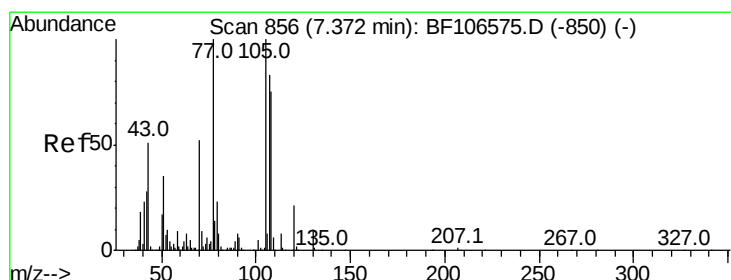
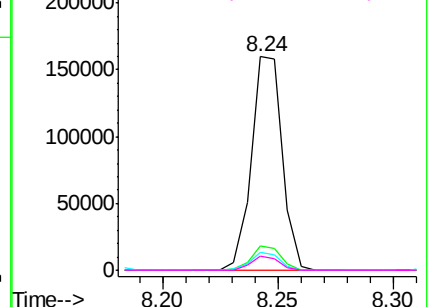
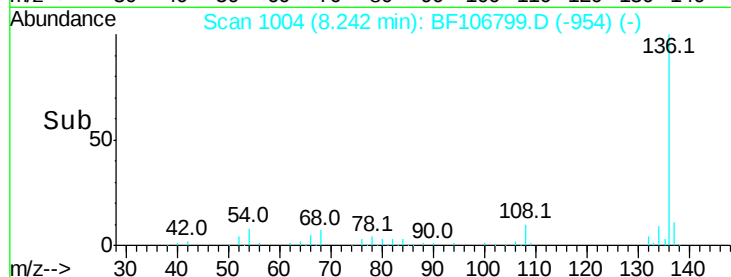


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.036 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Tgt Ion:105 Resp: 136732

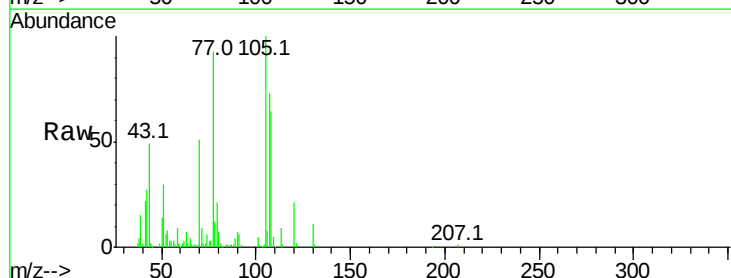
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 30.1 22.3 33.5

120 20.8 16.9 25.3

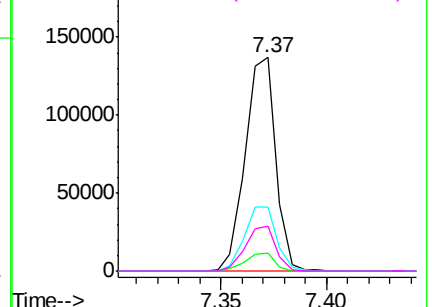
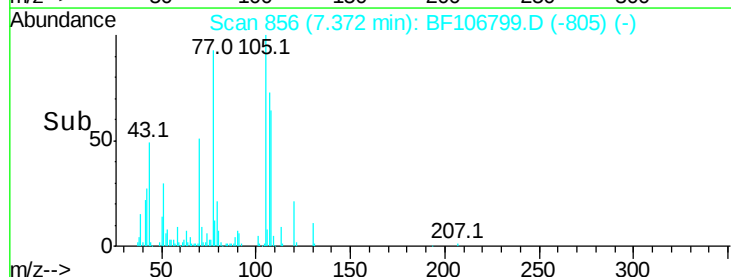


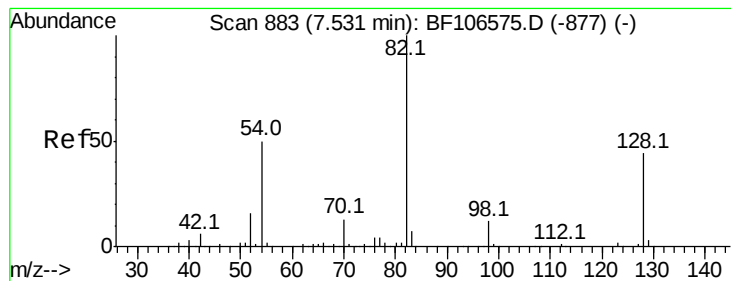
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.156 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

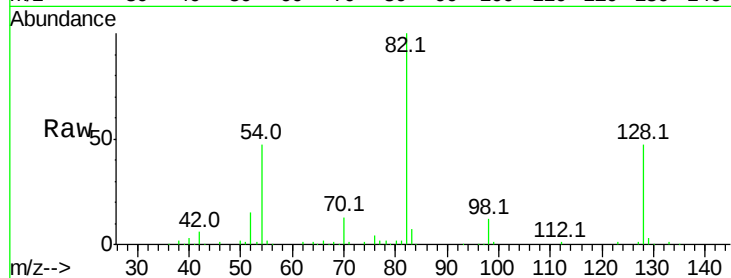
Tot Ion: 82 Resp: 204094

Ion Ratio Lower Upper

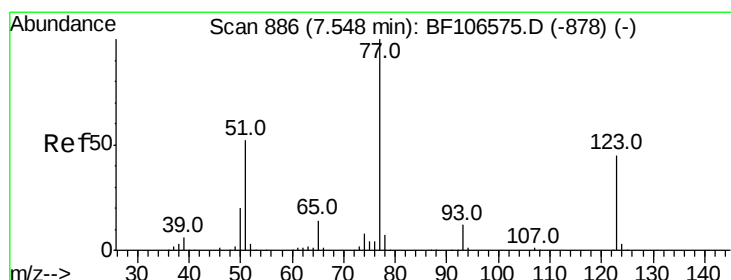
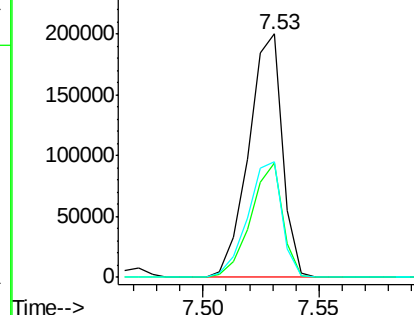
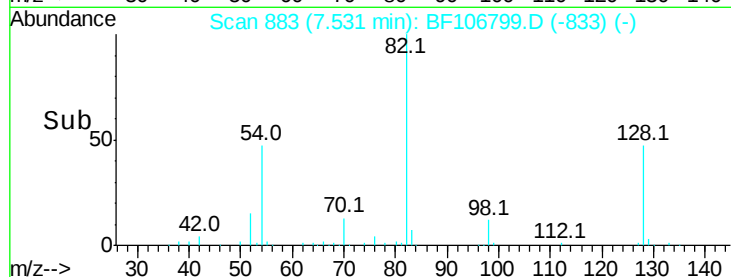
82 100

128 46.9 36.1 54.1

54 47.3 41.4 62.2



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



#24

Nitrobenzene

Concen: 37.132 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

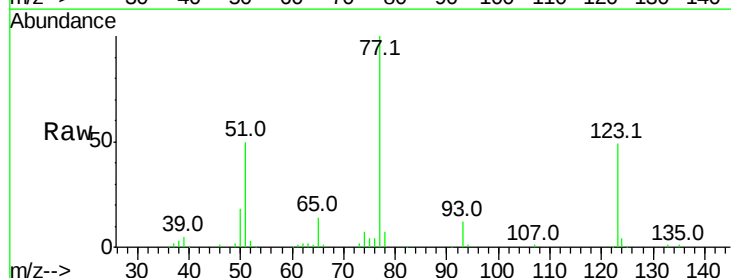
Tgt Ion: 77 Resp: 101596

Ion Ratio Lower Upper

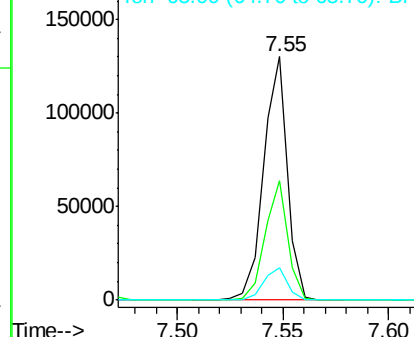
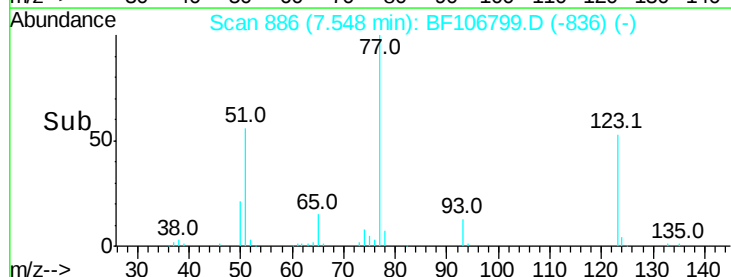
77 100

123 49.0 37.9 56.9

65 13.5 11.0 16.4



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





#25

Isophorone

Concen: 35.962 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

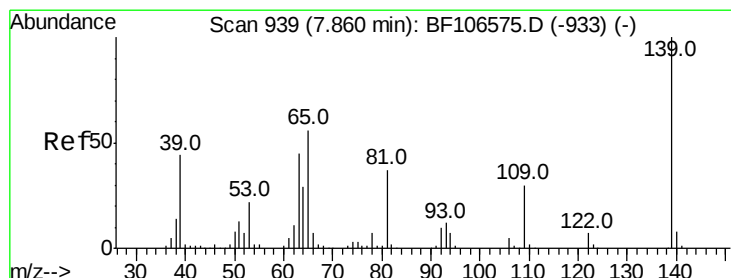
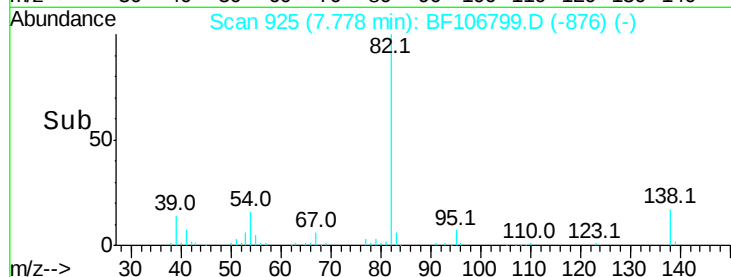
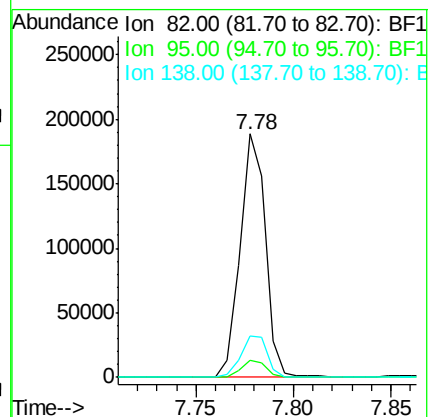
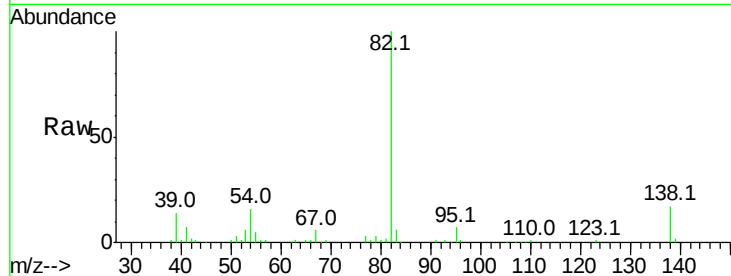
Tot Ion: 82 Resp: 169830

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 17.1 14.9 22.3



#26

2-Nitrophenol

Concen: 32.481 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

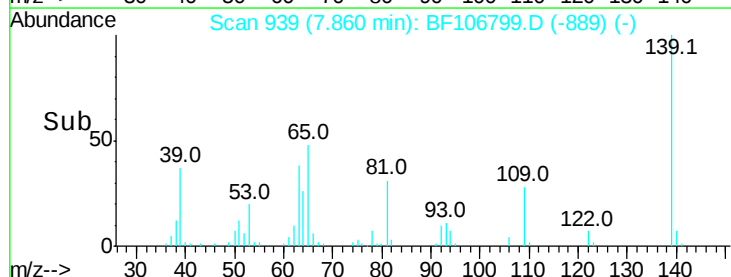
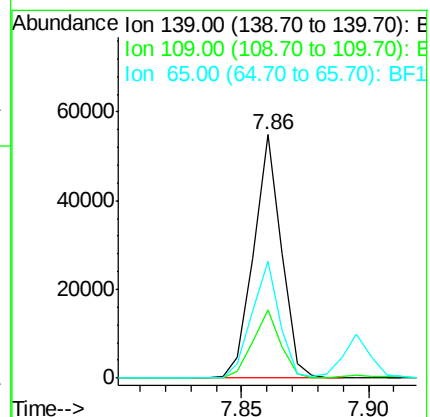
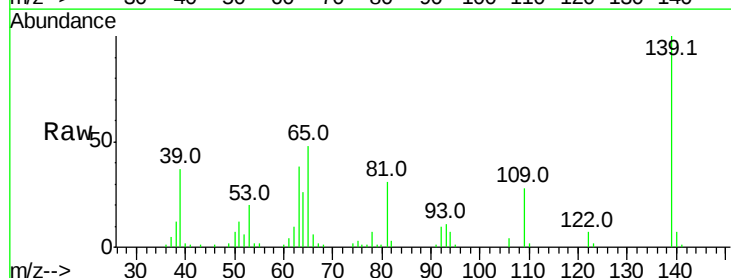
Tgt Ion: 139 Resp: 41953

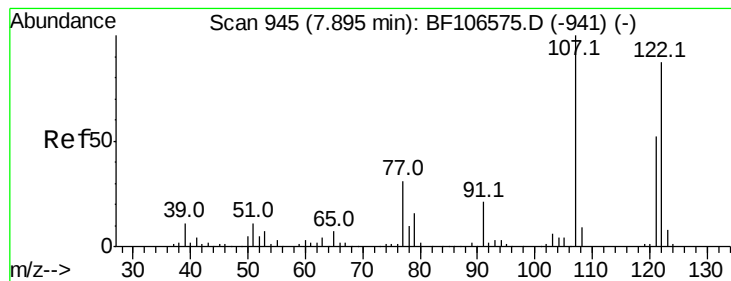
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 48.0 40.5 60.7

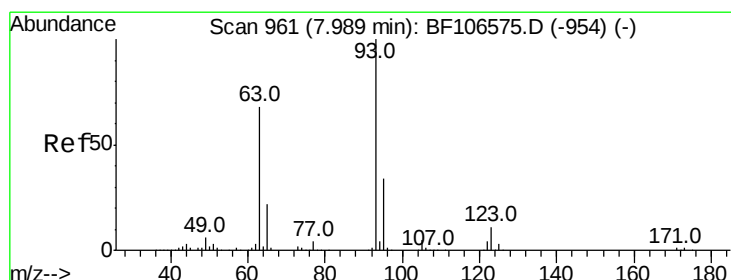
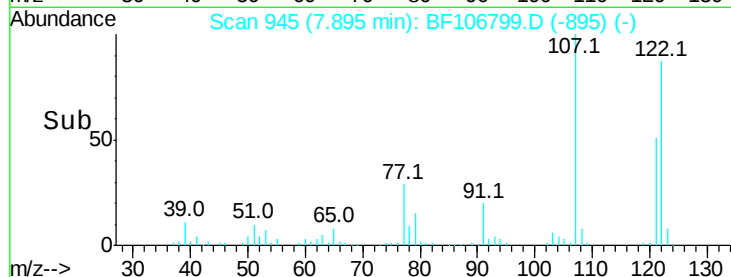
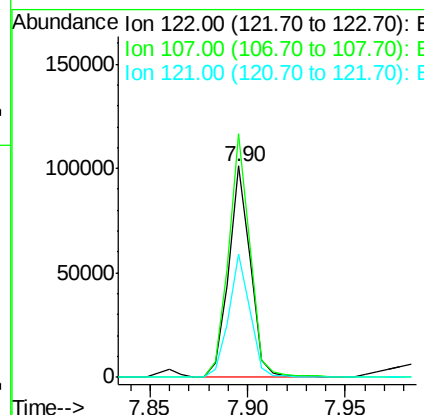
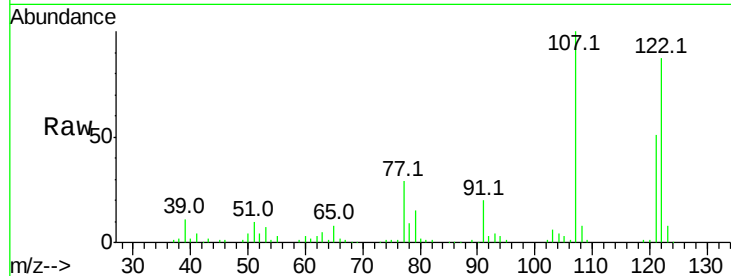




#27
 2,4-Dimethylphenol
 Concen: 39.297 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

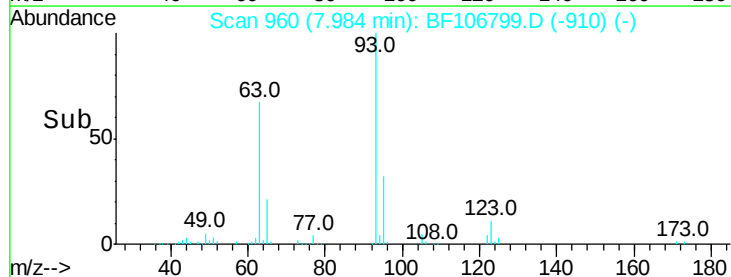
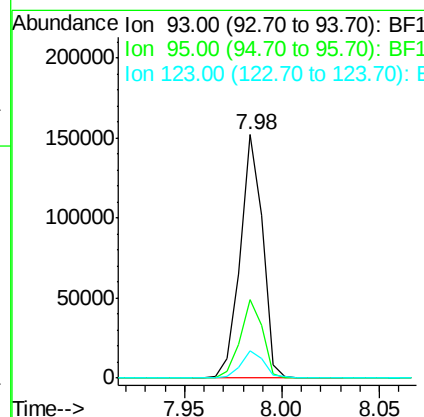
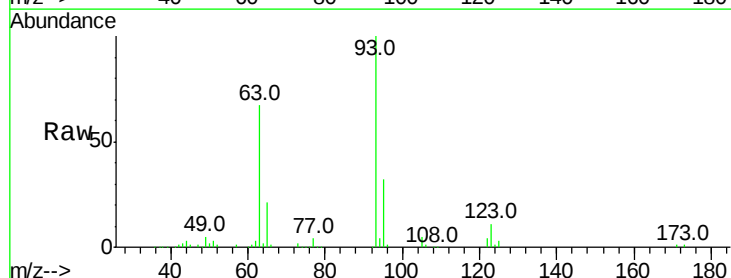
Instrument :
 BNA_F
 ClientSampleId :

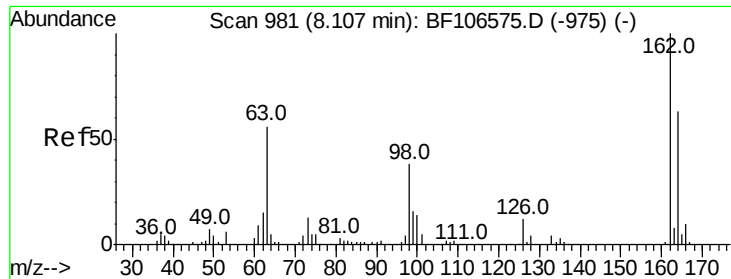
Tot Ion:122 Resp: 78454
 Ion Ratio Lower Upper
 122 100
 107 115.3 91.2 136.8
 121 58.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.169 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion: 93 Resp: 121025
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.1 9.8 14.6

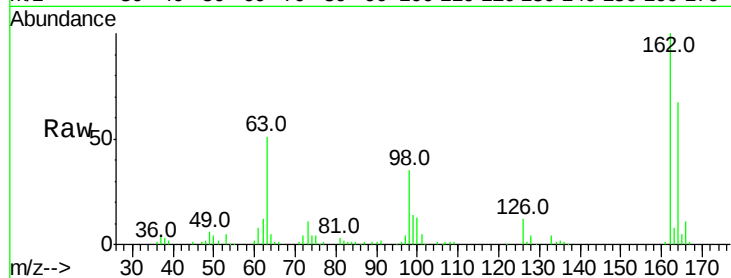




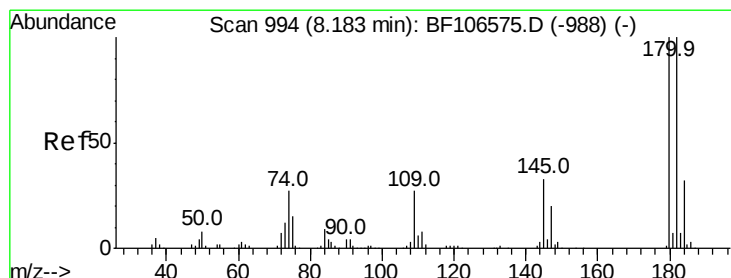
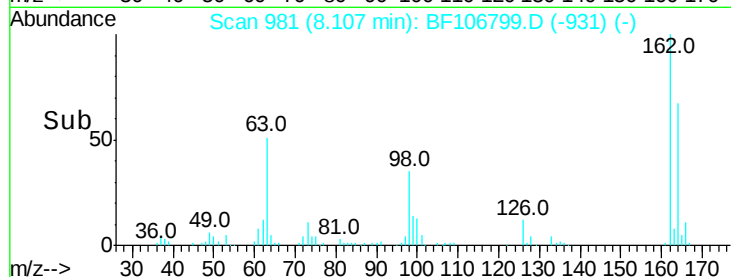
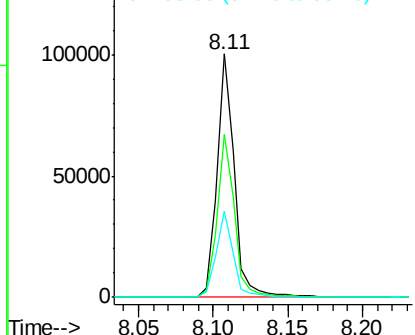
#29
2,4-Dichlorophenol
Concen: 38.811 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	42.7	82.7
98	35.1	18.1	58.1

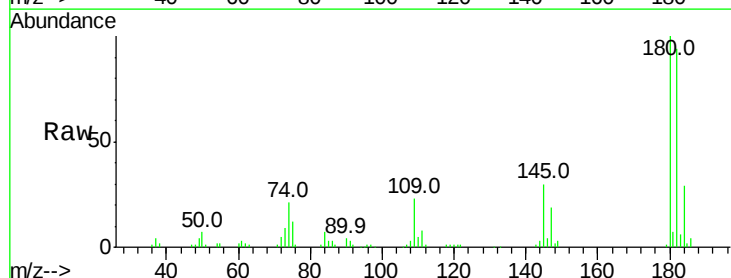


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

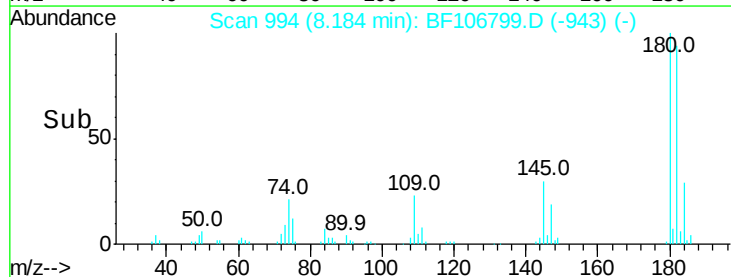
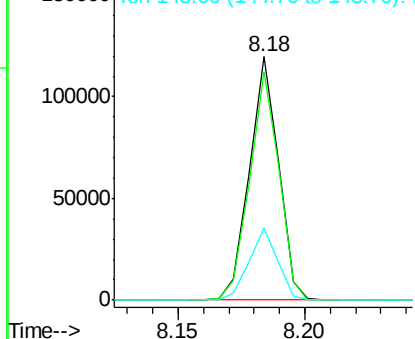


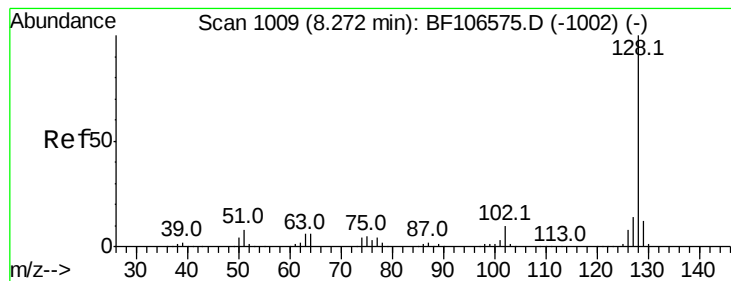
#30
1,2,4-Trichlorobenzene
Concen: 41.633 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.8	115.2
145	29.6	26.5	39.7



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





#31

Naphthalene

Concen: 38.864 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

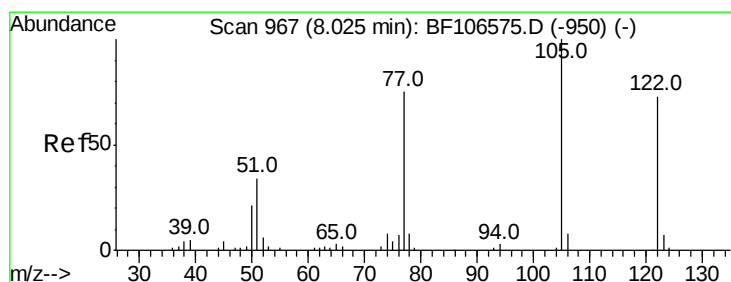
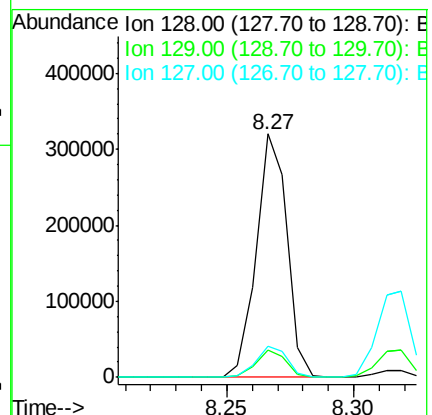
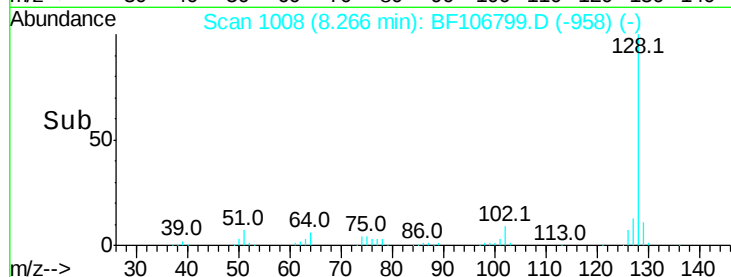
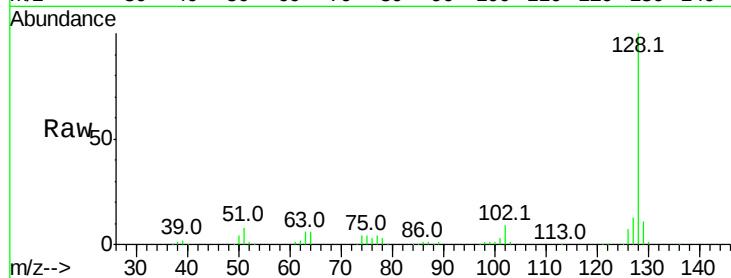
Tot Ion:128 Resp: 270616

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.9 16.3



#32

Benzoic acid

Concen: 17.140 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

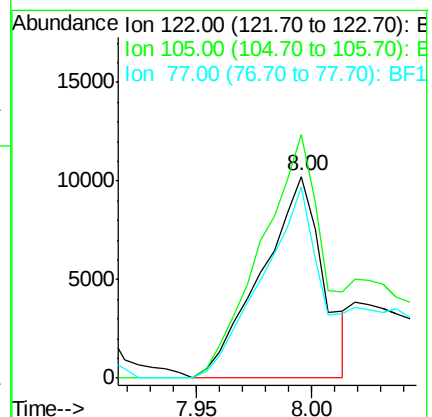
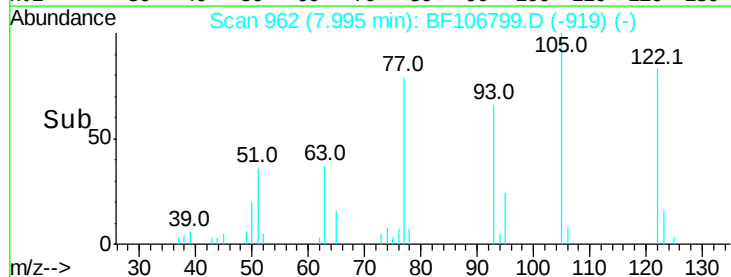
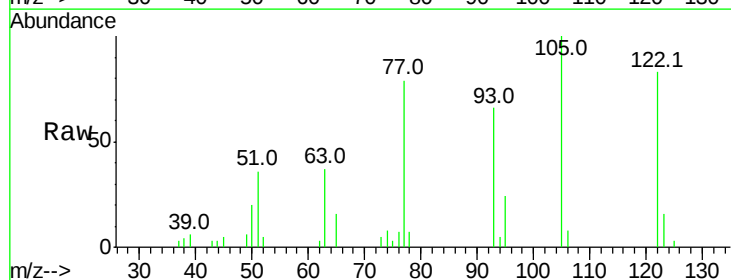
Tgt Ion:122 Resp: 18814

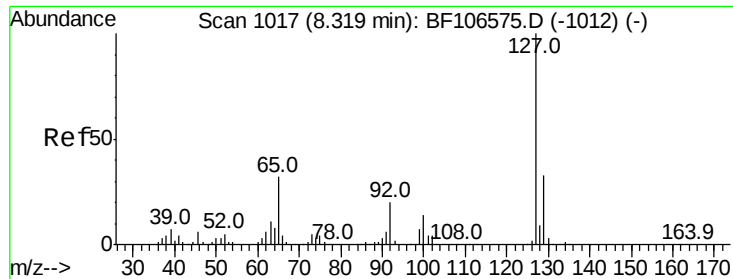
Ion Ratio Lower Upper

122 100

105 120.8 101.1 141.1

77 94.9 70.7 110.7

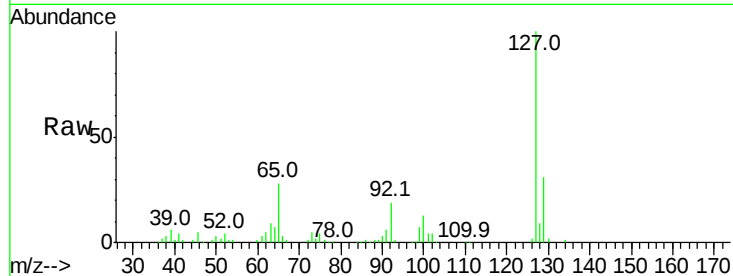




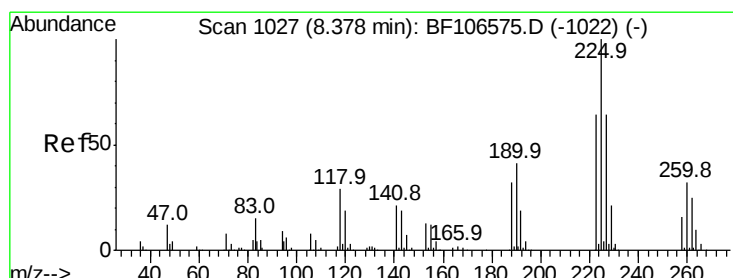
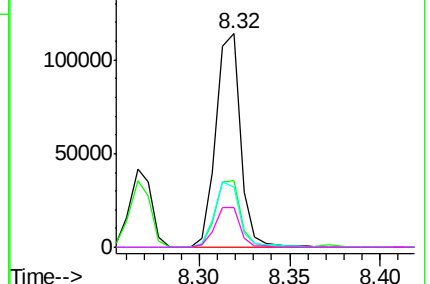
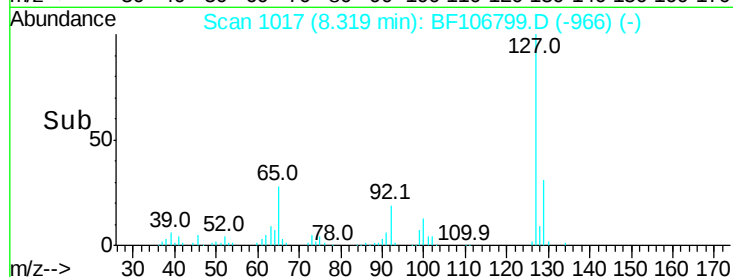
#33
4-Chloroaniline
Concen: 37.085 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	108351
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	28.0	25.0	37.4
92	18.8	15.2	22.8

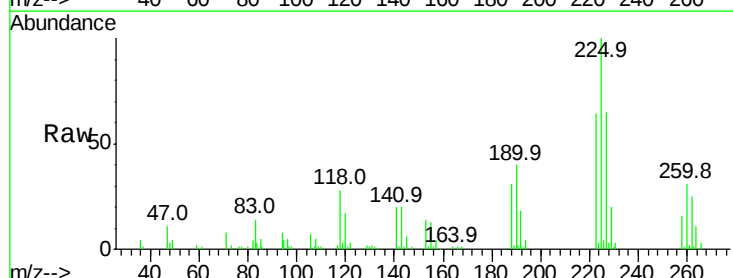


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

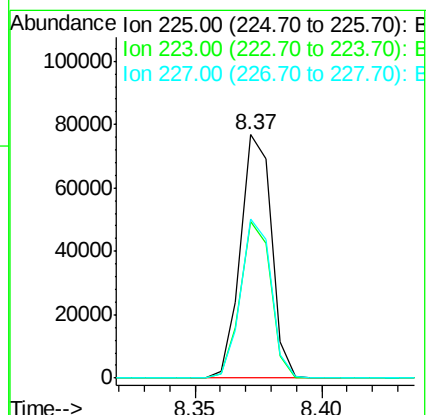
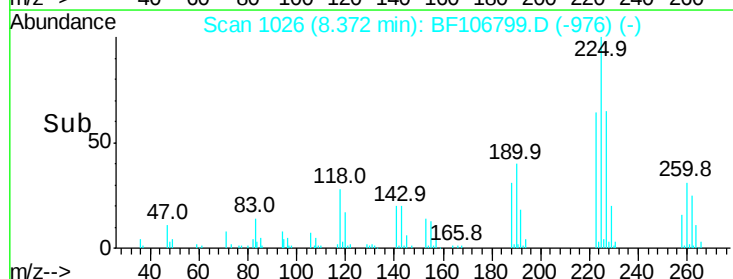


#34
Hexachlorobutadiene
Concen: 43.394 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:	225	Resp:	65105
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	65.4	51.9	77.9



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

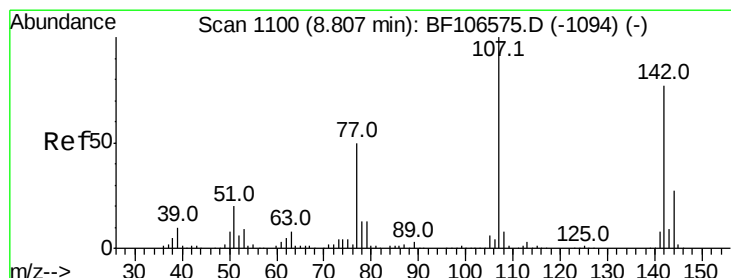
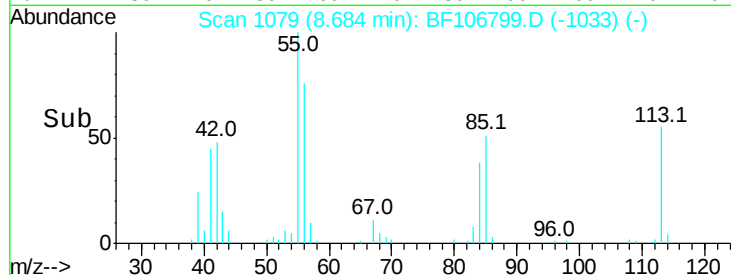
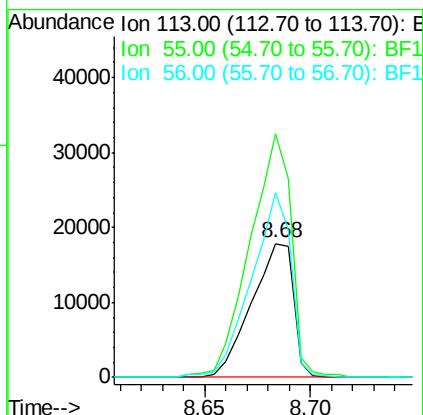
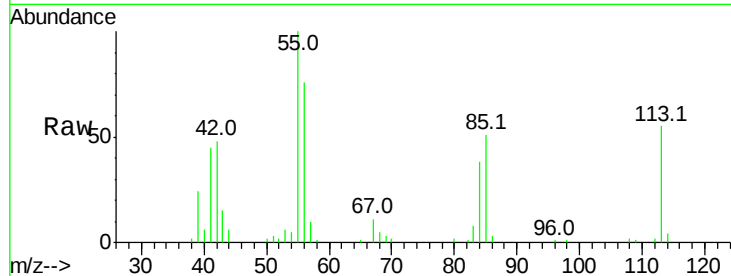




#35
 Caprolactam
 Concen: 35.994 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

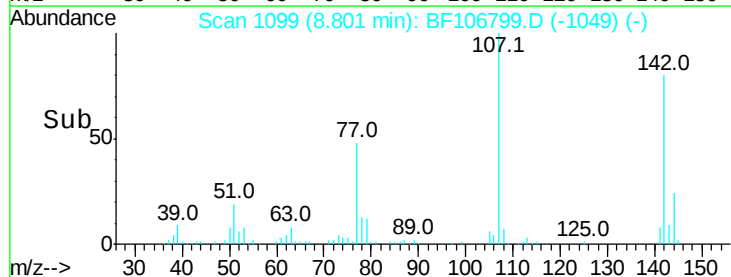
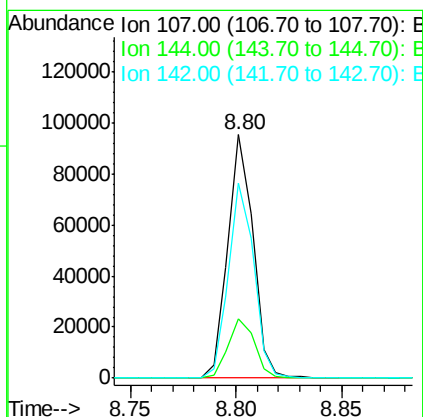
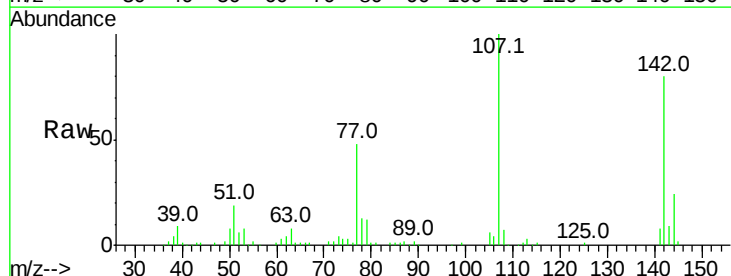
Instrument :
 BNA_F
 ClientSampled :

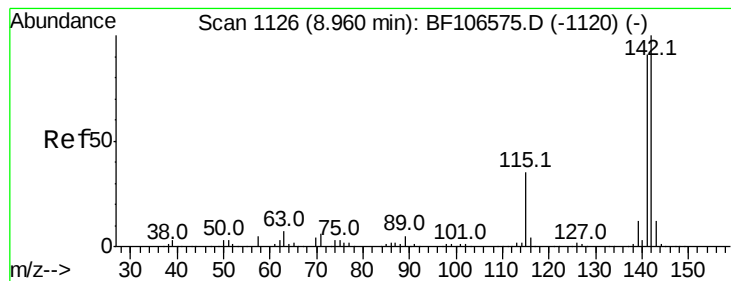
Tot Ion:113 Resp: 24523
 Ion Ratio Lower Upper
 113 100
 55 182.3 163.3 203.3
 56 138.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.780 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion:107 Resp: 78715
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 80.0 62.0 93.0

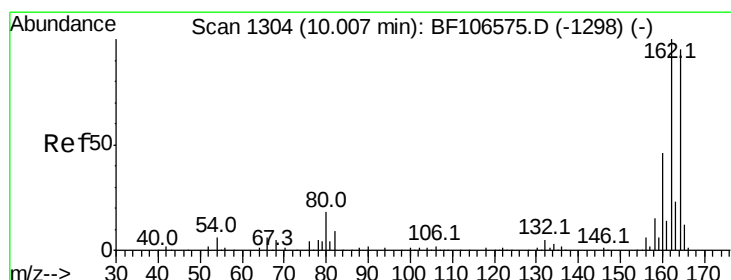
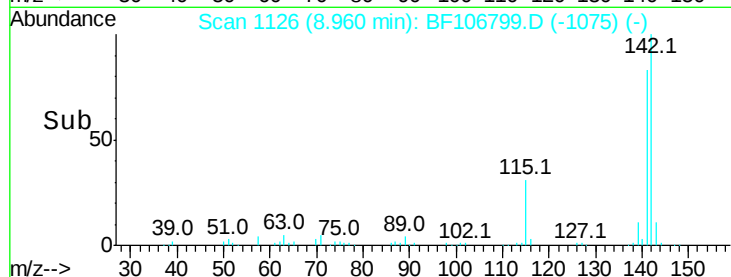
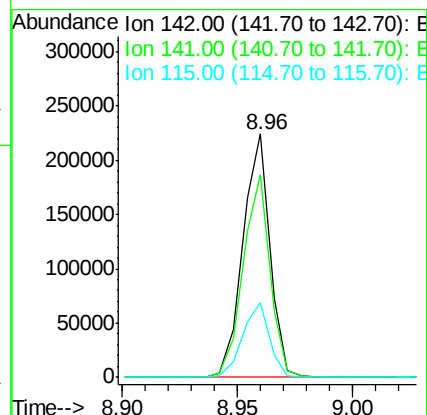
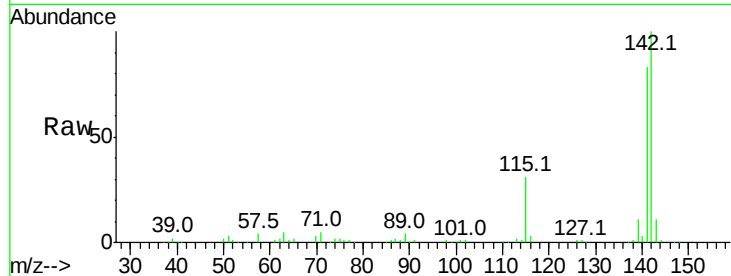




#37
 2-Methylnaphthalene
 Concen: 39.619 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

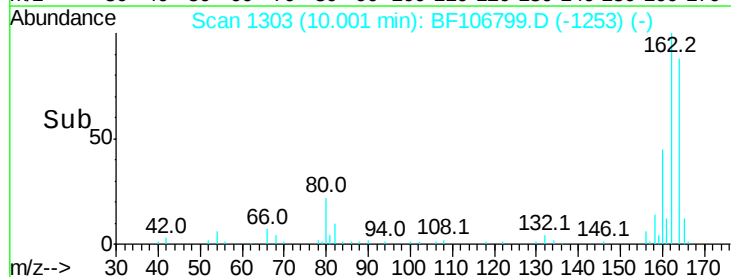
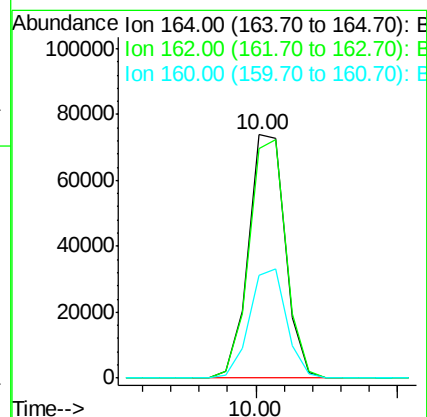
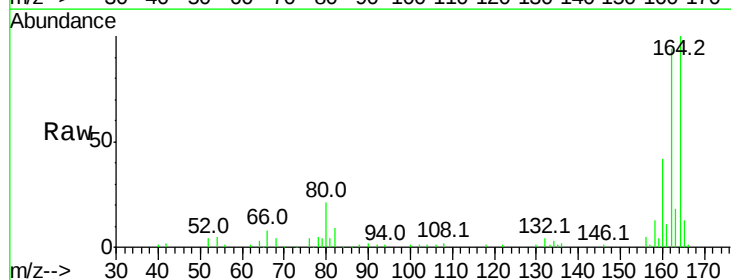
Instrument :
 BNA_F
 ClientSampleId :

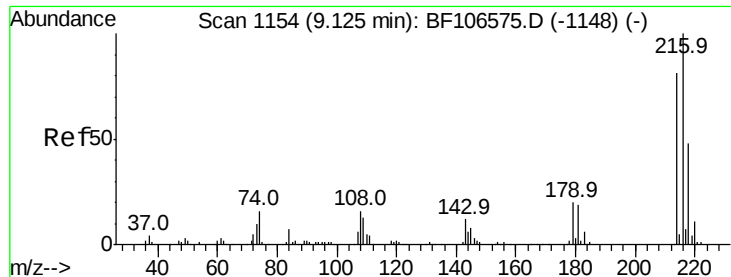
Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	30.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	86.1	129.1
160	42.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.792 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 96265

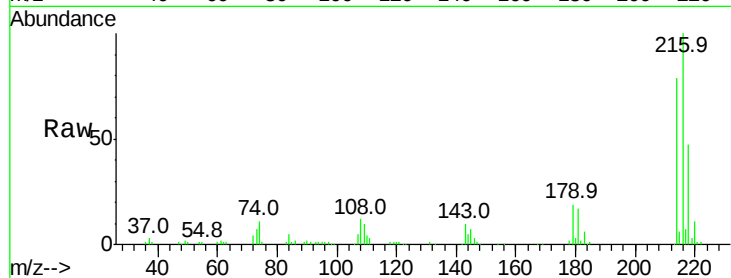
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 19.0 18.1 27.1

108 13.8 17.2 25.8#

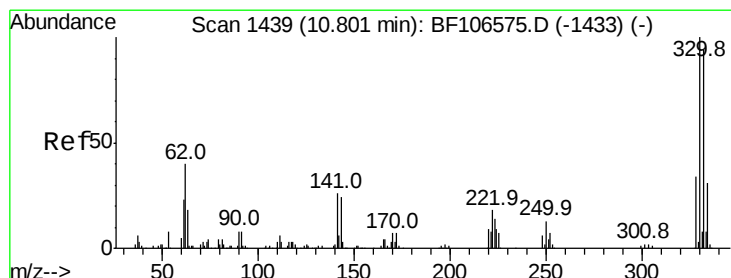
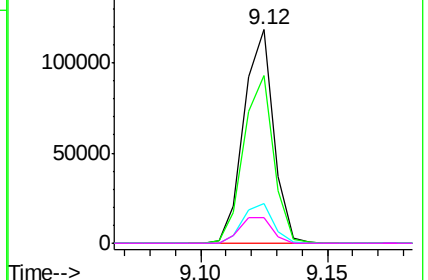
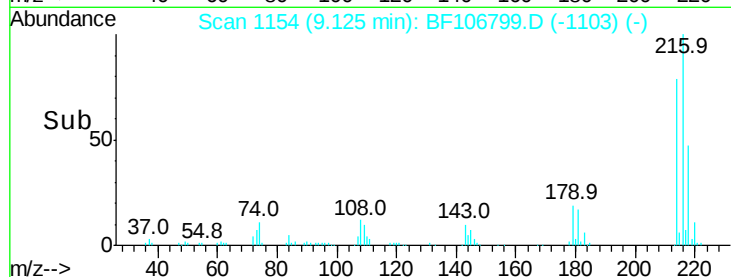


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 78.050 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

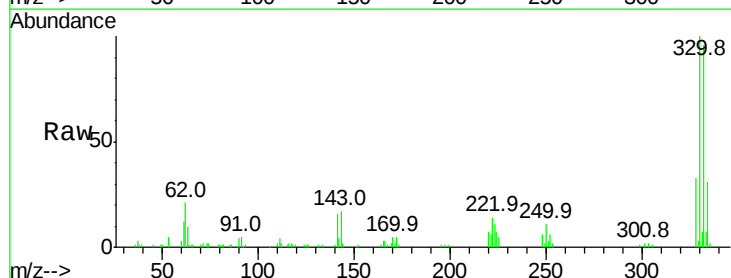
Tgt Ion:330 Resp: 60428

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

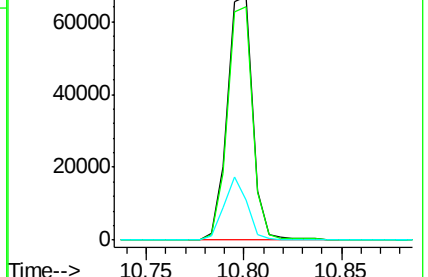
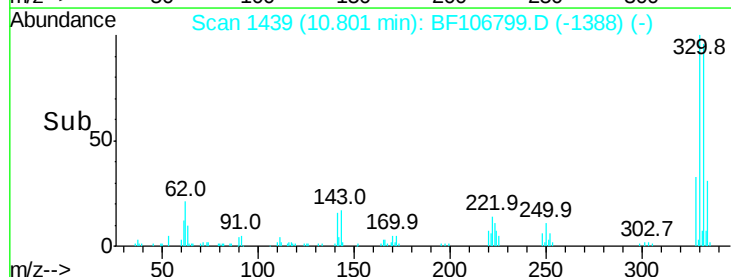
141 23.5 29.9 44.9#



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: 36.761 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

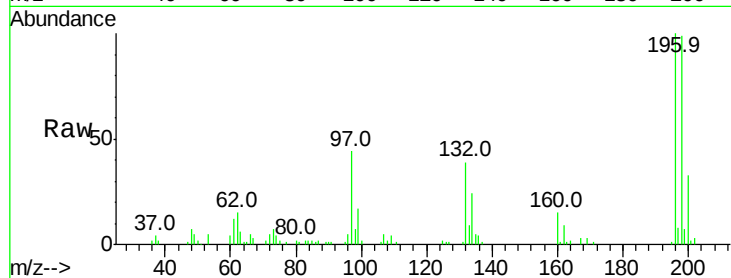
Tot Ion:196 Resp: 54970

Ion Ratio Lower Upper

196 100

198 99.4 75.7 113.5

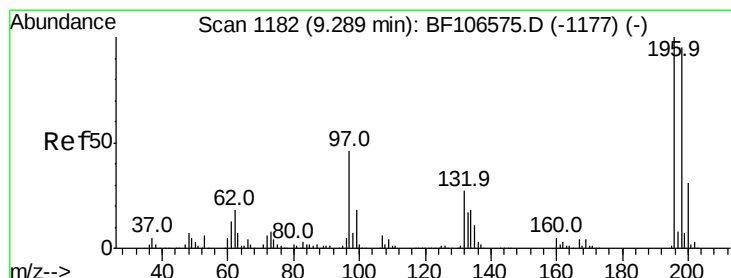
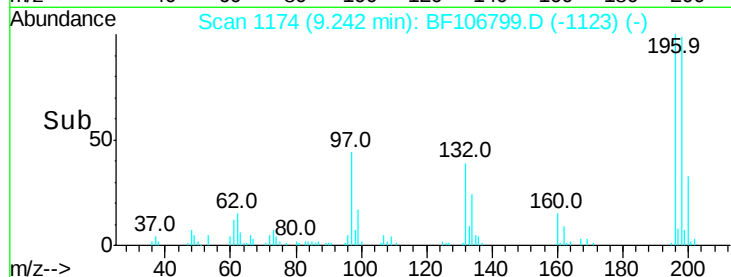
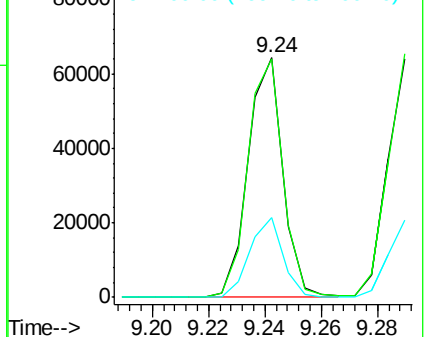
200 33.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 35.230 ng

RT: 9.24 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Tgt Ion:196 Resp: 54970

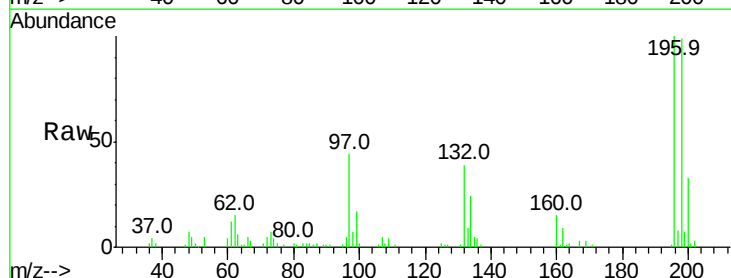
Ion Ratio Lower Upper

196 100

198 99.4 74.6 112.0

97 44.0 42.9 64.3

132 38.5 26.3 39.5

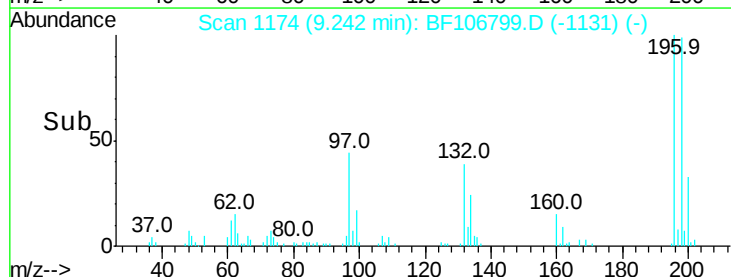
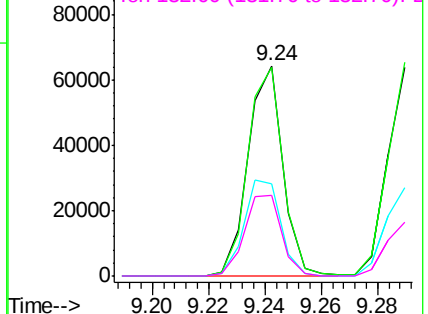


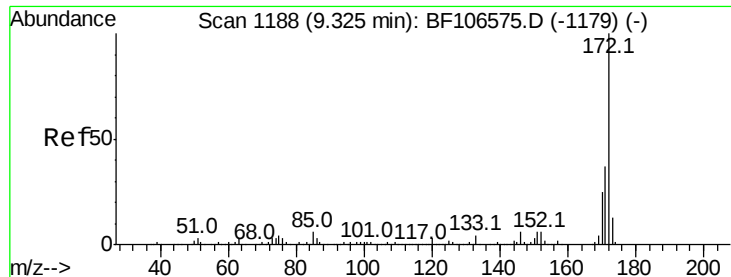
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 93.170 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

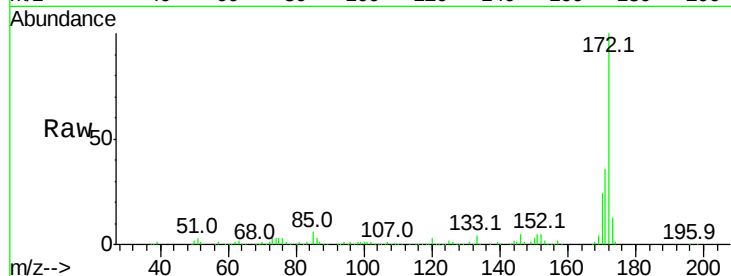
Tot Ion:172 Resp: 362097

Ion Ratio Lower Upper

172 100

171 35.7 29.7 44.5

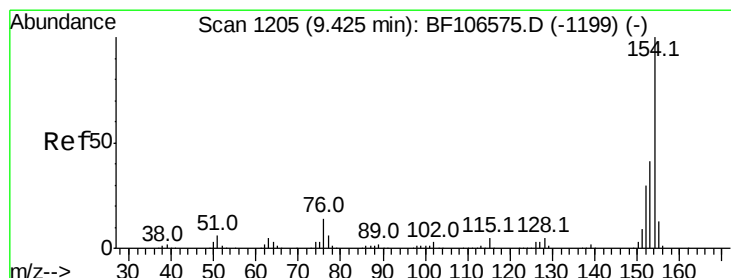
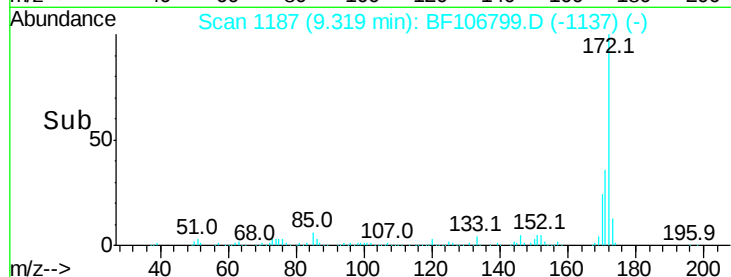
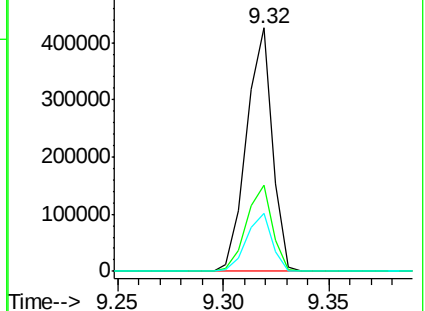
170 23.6 19.6 29.4



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: 42.204 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

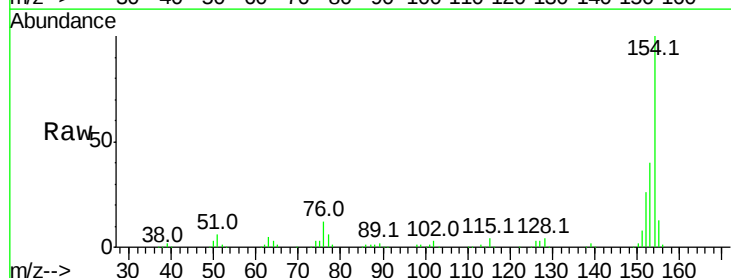
Tgt Ion:154 Resp: 224677

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

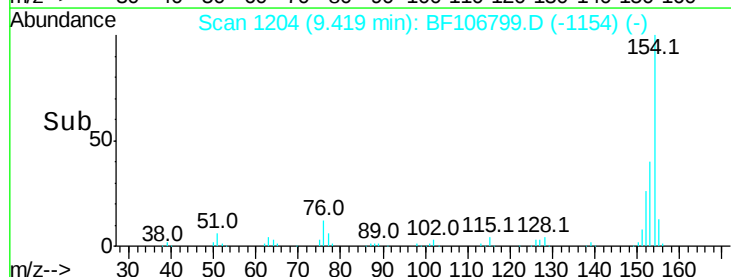
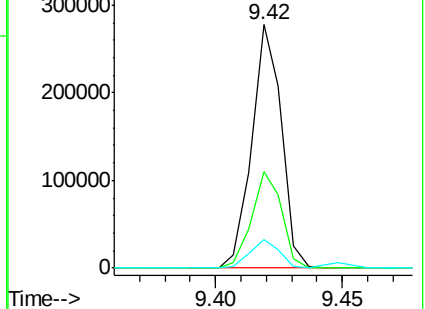
76 12.0 0.0 34.0

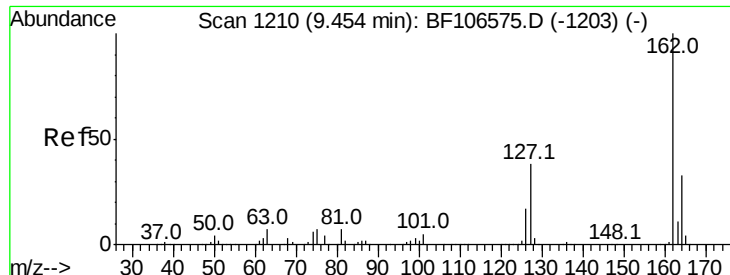


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

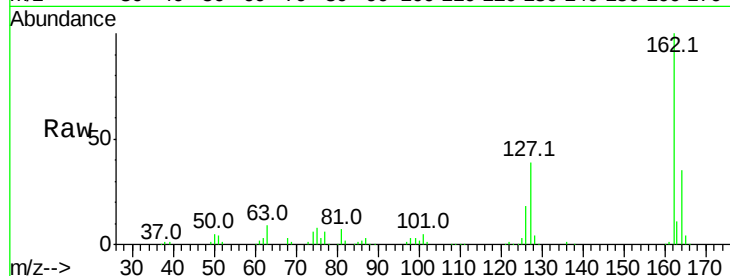




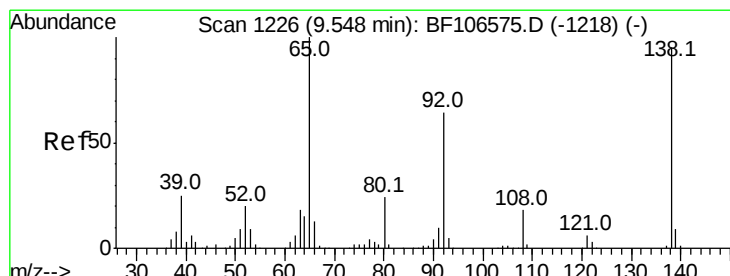
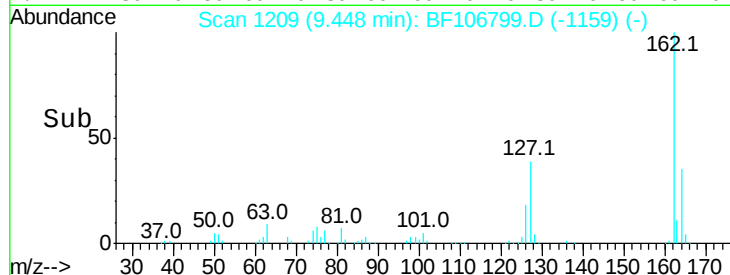
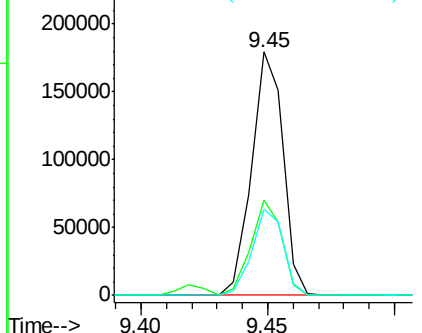
#46
 2-Chloronaphthalene
 Concen: 37.086 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	35.4	26.5	39.7

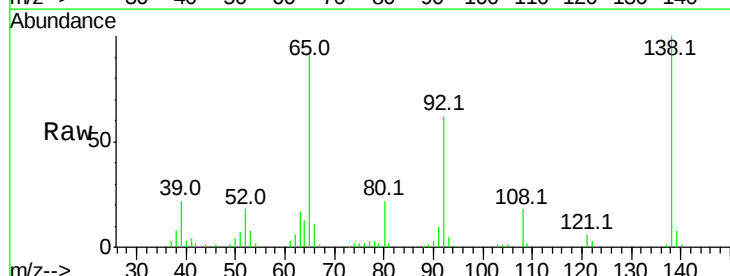


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

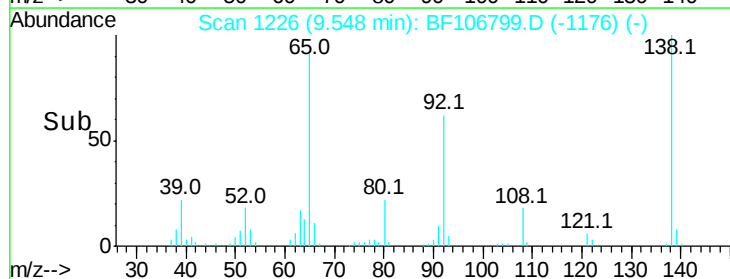
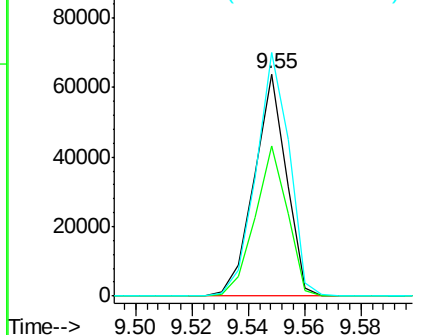


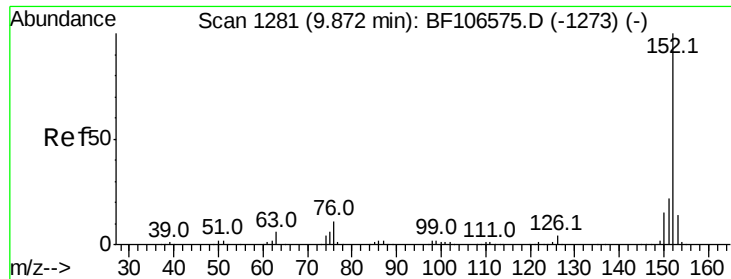
#47
 2-Nitroaniline
 Concen: 35.782 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	109.6	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: 36.895 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

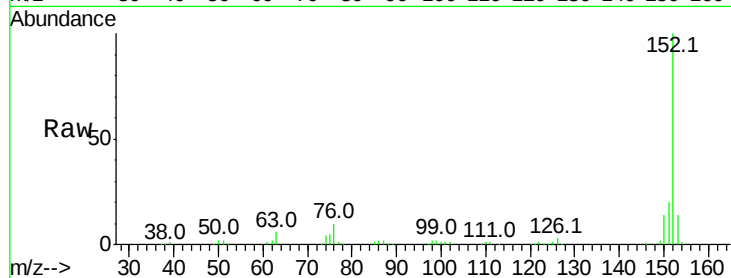
Tot Ion:152 Resp: 244088

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

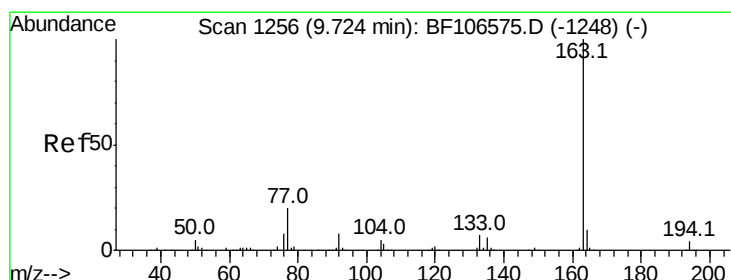
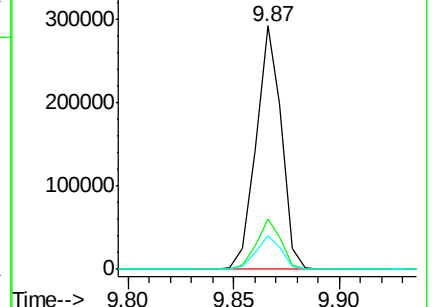
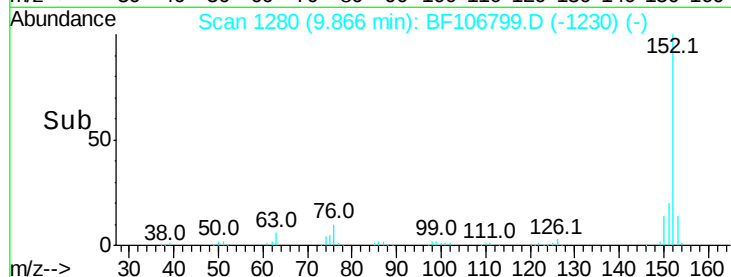
153 13.8 10.7 16.1



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: 39.104 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

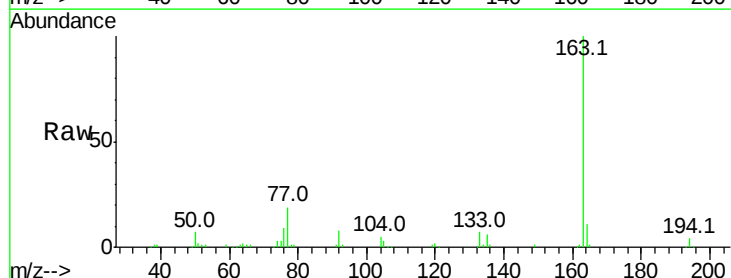
Tgt Ion:163 Resp: 195913

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

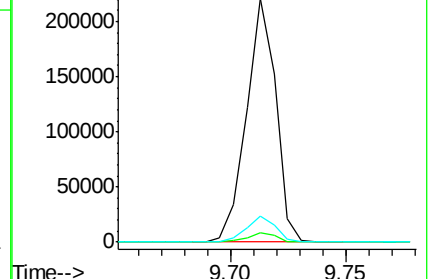
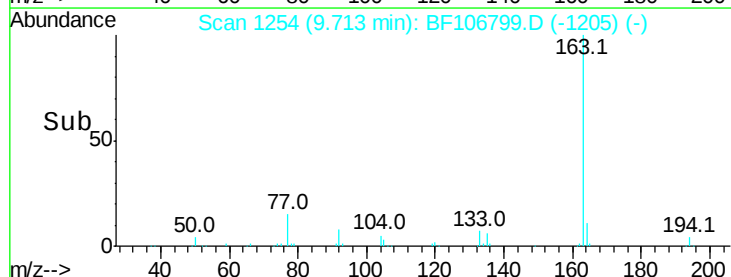
164 10.8 8.2 12.2

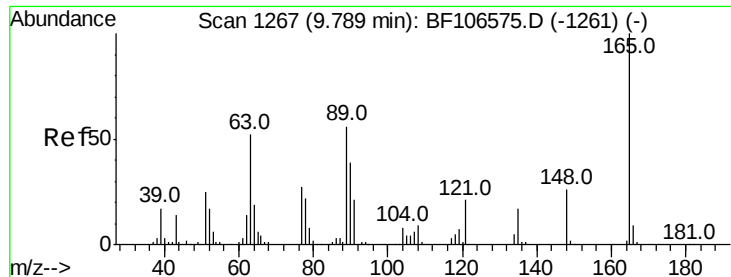


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 33.874 ng

RT: 9.78 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

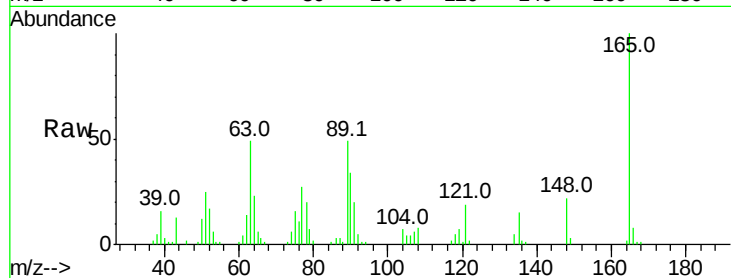
Tot Ion:165 Resp: 35936

Ion Ratio Lower Upper

165 100

63 49.2 44.7 67.1

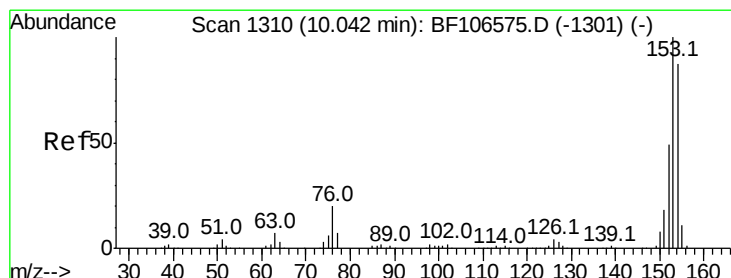
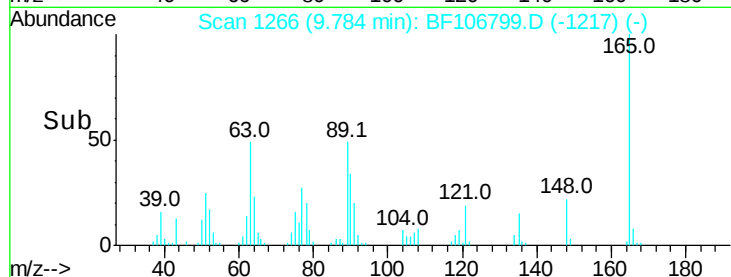
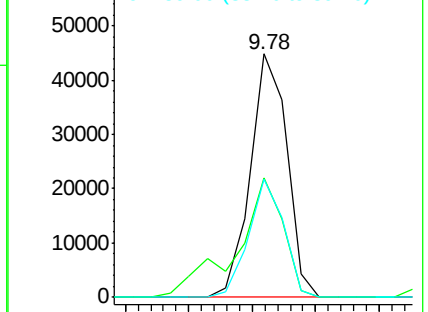
89 48.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51

Acenaphthene

Concen: 36.629 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

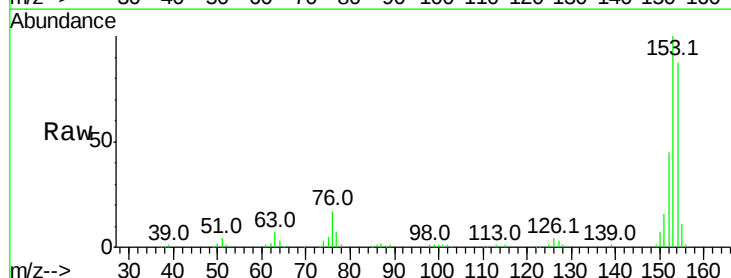
Tgt Ion:154 Resp: 152597

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

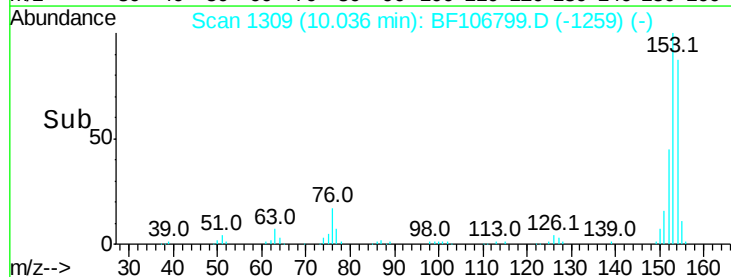
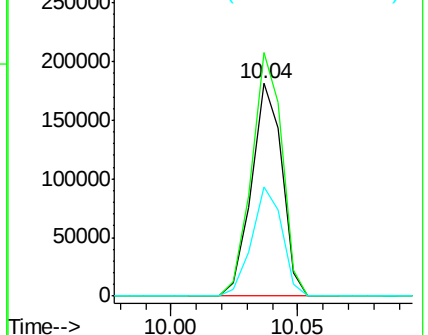
152 51.3 43.8 65.8

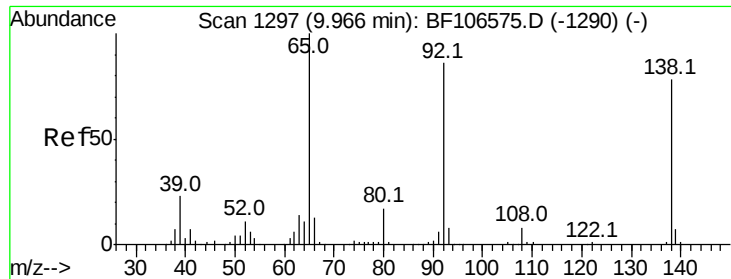


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

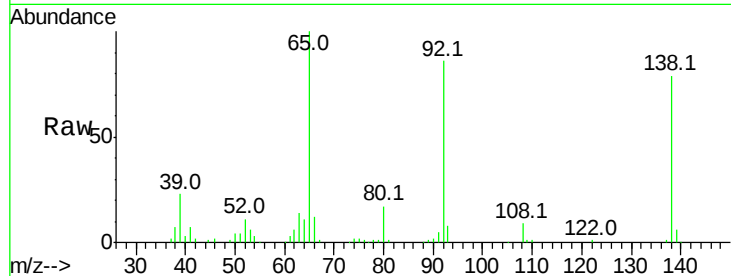




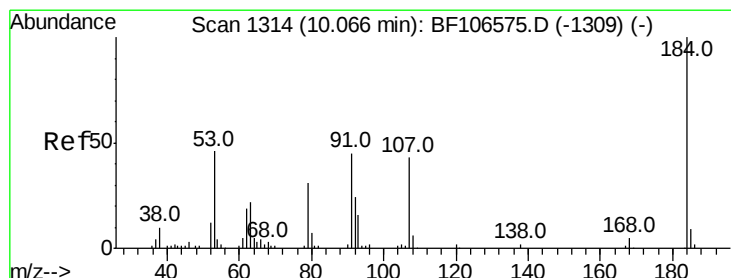
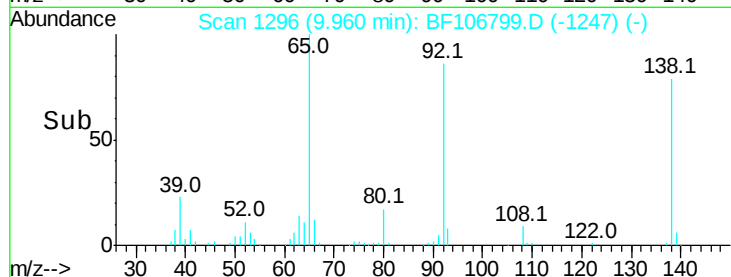
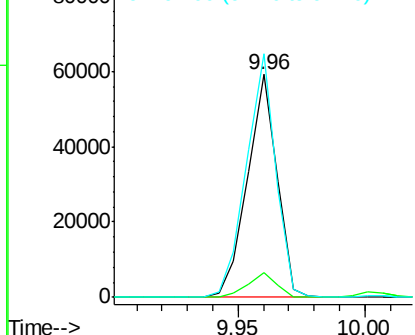
#52
3-Nitroaniline
Concen: 39.568 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48305
Ion Ratio Lower Upper
138 100
108 10.8 9.4 14.0
92 109.3 89.4 134.2

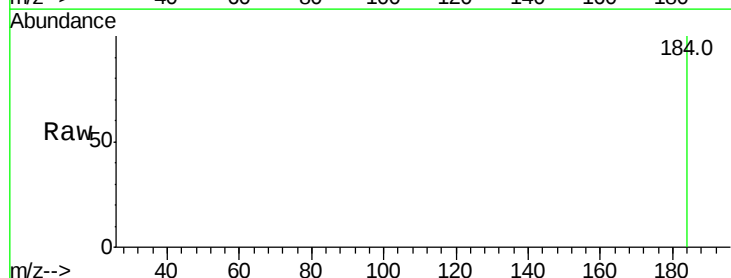


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

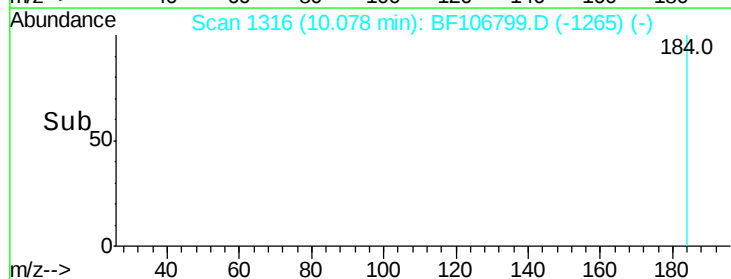
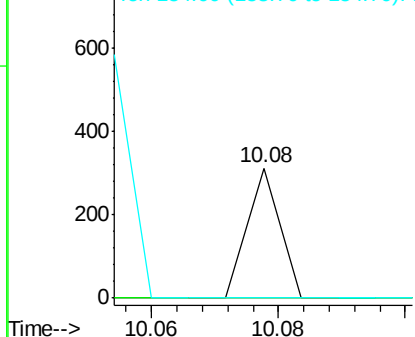


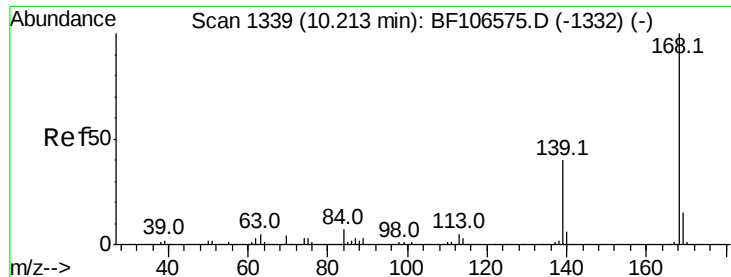
#53
2,4-Dinitrophenol
Concen: 5.539 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:184 Resp: 110
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



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





#54

Dibenzenofuran

Concen: 39.526 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

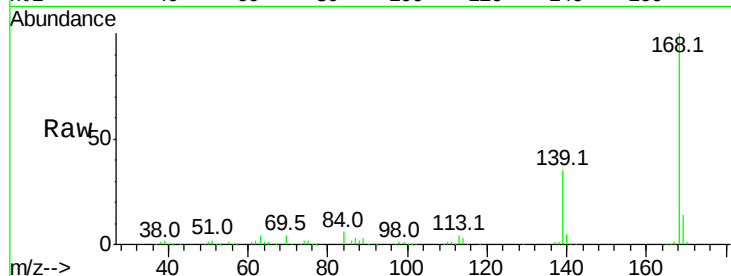
Tot Ion:168 Resp: 225479

Ion Ratio Lower Upper

168 100

139 34.7 30.1 45.1

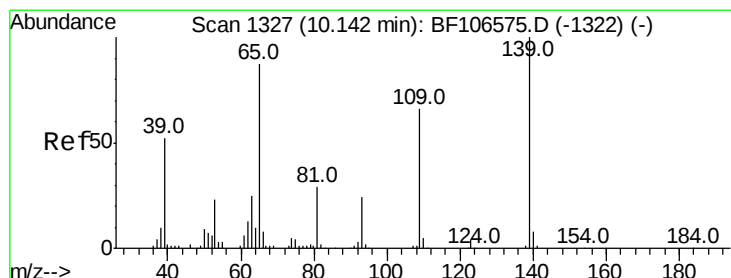
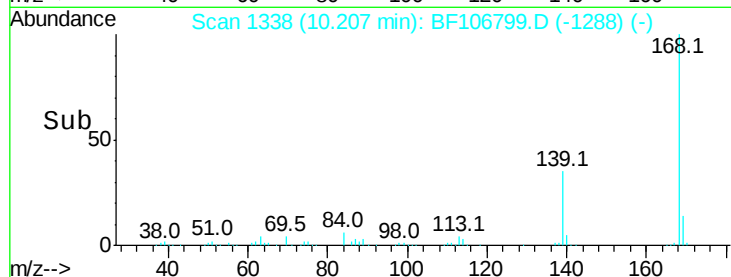
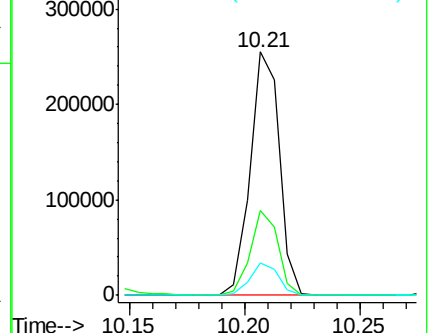
169 13.5 10.9 16.3



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: 28.160 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

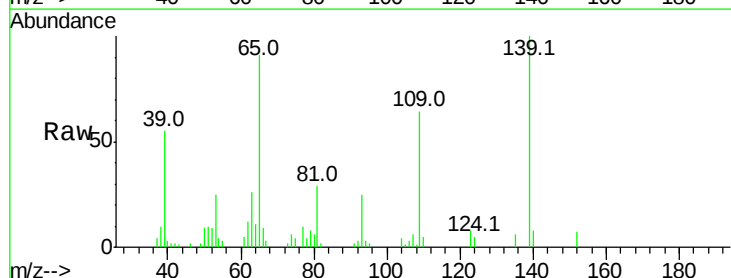
Tgt Ion:139 Resp: 23996

Ion Ratio Lower Upper

139 100

109 64.2 48.4 88.4

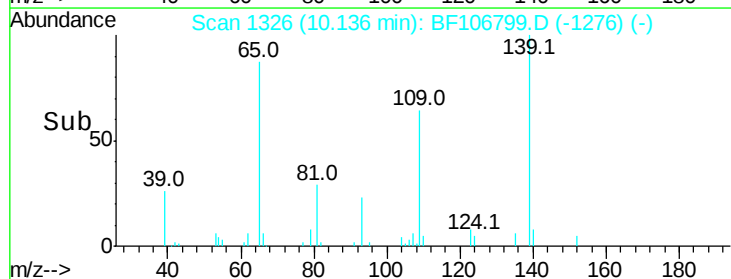
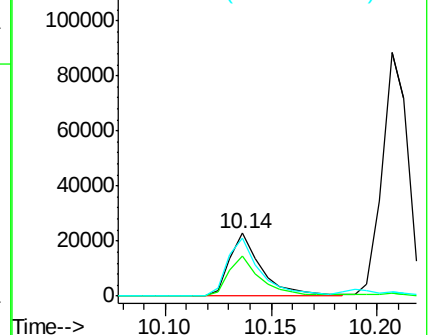
65 91.3 72.6 112.6

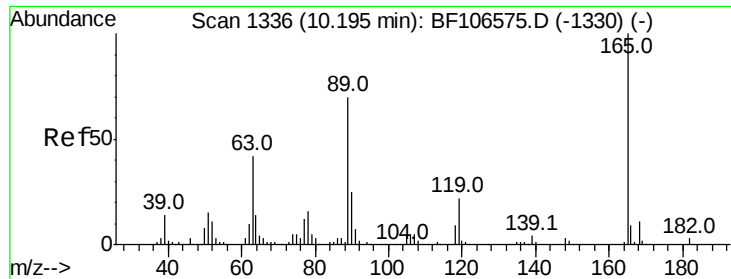


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

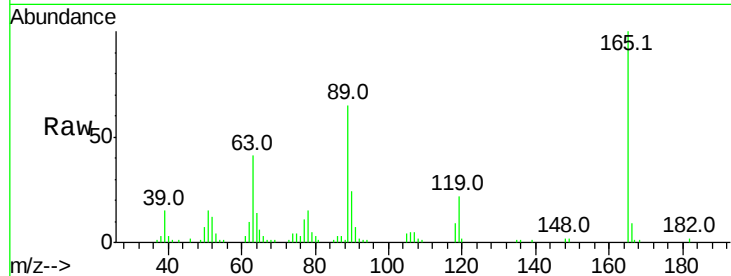




#56
 2,4-Dinitrotoluene
 Concen: 30.678 ng
 RT: 10.19 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	42482
Ion	Ratio	Lower	Upper
165	100		
63	40.6	36.4	54.6
89	65.2	57.8	86.6
182	2.2	1.6	2.4

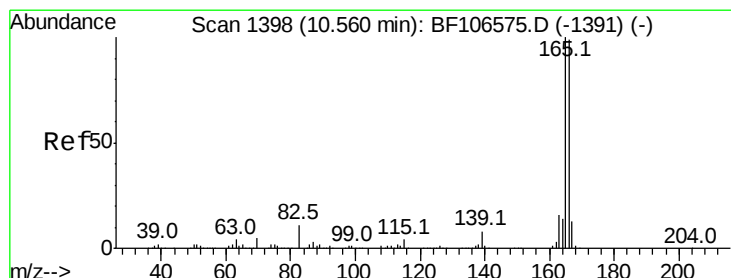
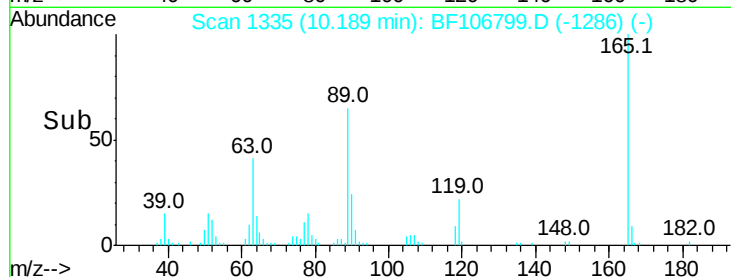
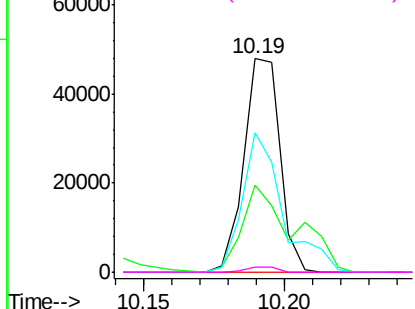


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

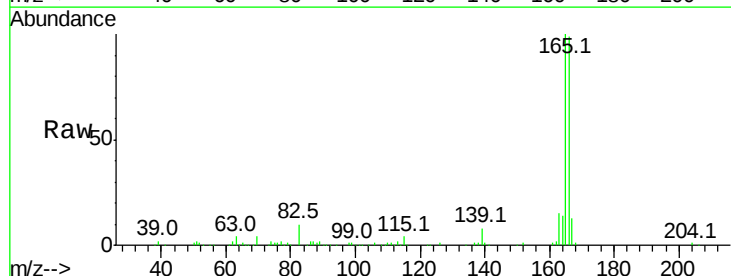
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 38.355 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

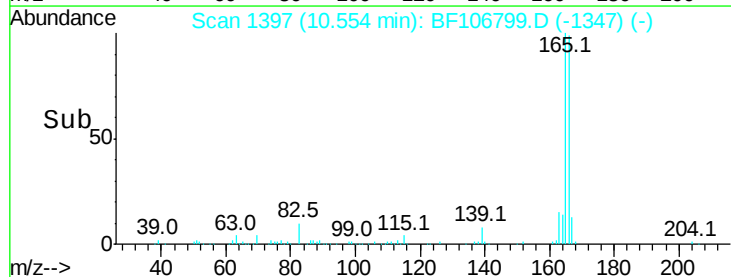
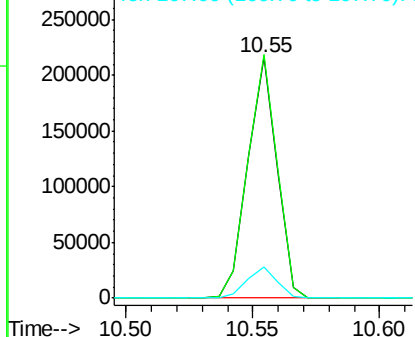
Tgt Ion:	166	Resp:	173623
Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	12.8	10.6	16.0

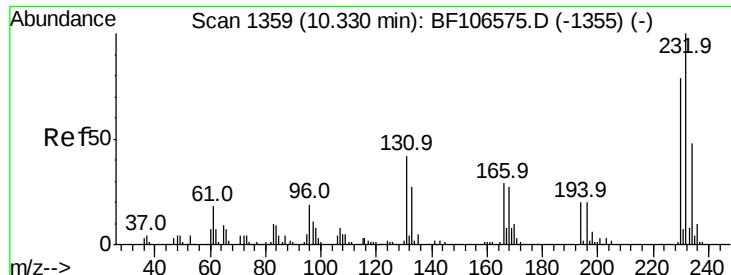


Abundance Ion 166.00 (165.70 to 166.70): E

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: 37.595 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 46630

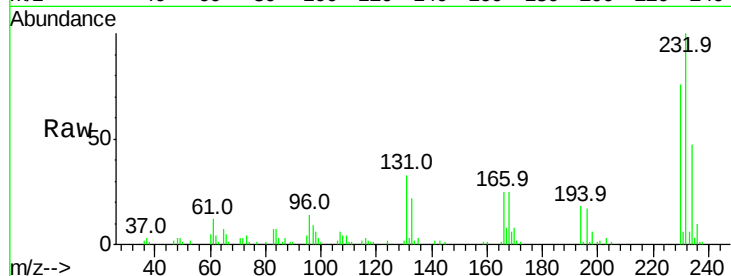
Ion Ratio Lower Upper

232 100

131 33.1 43.8 65.8#

130 1.5 2.1 3.1#

166 24.8 27.8 41.6#

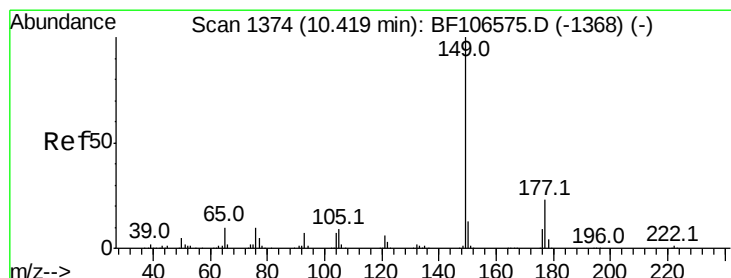
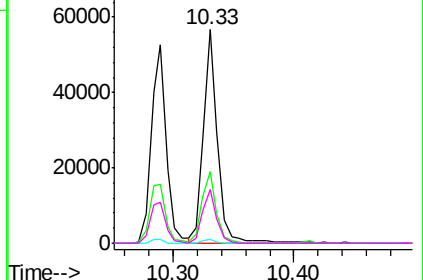
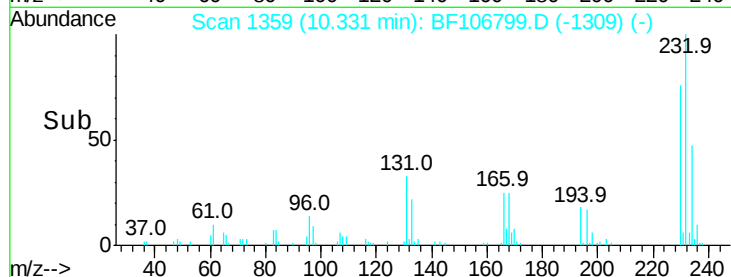


Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.191 ng

RT: 10.41 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

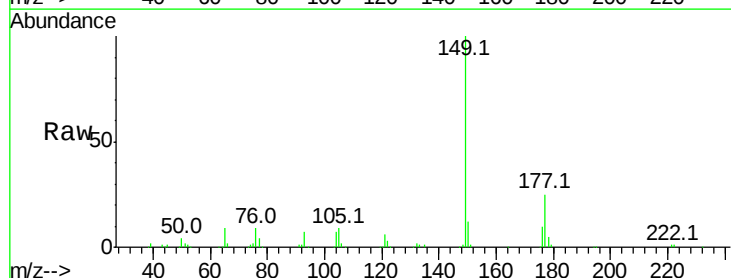
Tgt Ion:149 Resp: 179837

Ion Ratio Lower Upper

149 100

177 24.5 16.1 24.1#

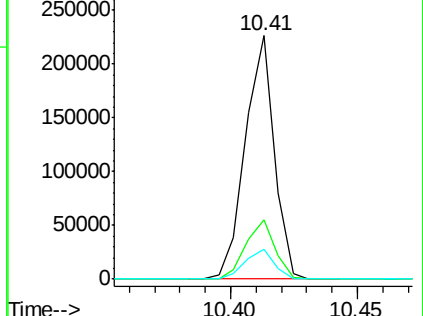
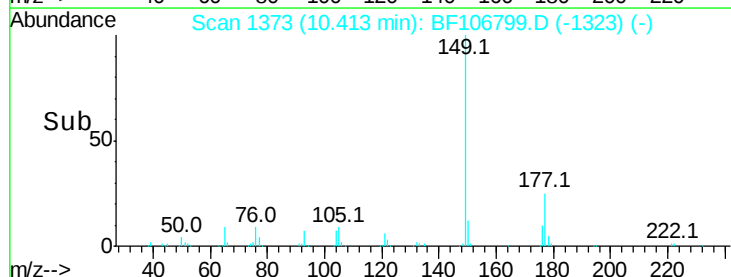
150 12.3 10.1 15.1

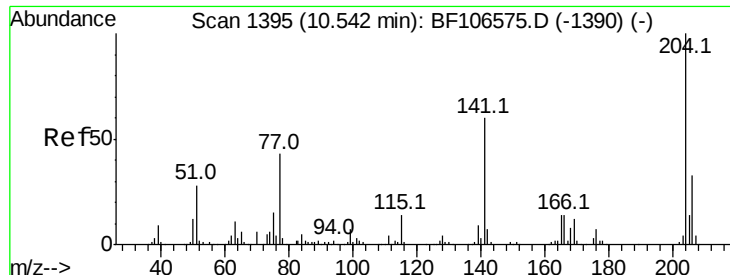


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

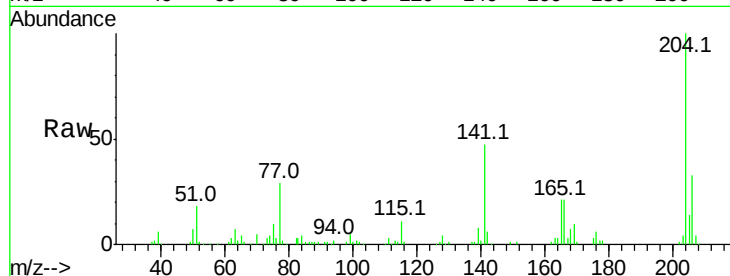




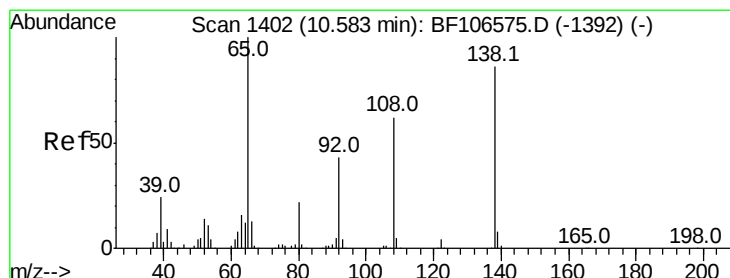
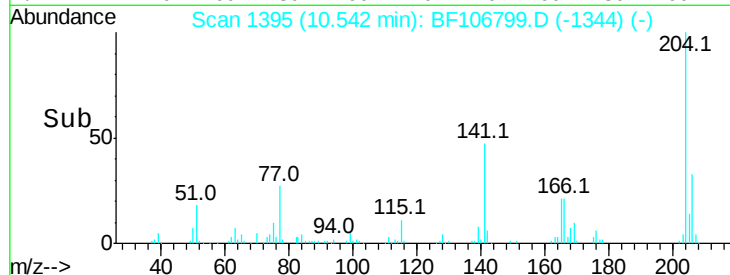
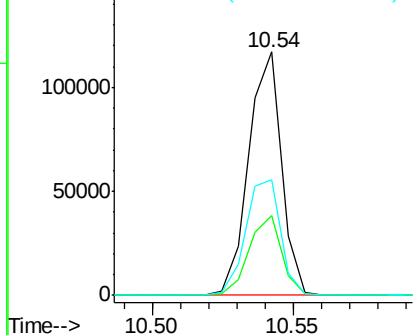
#60
 4-Chlorophenyl-phenylether
 Concen: 39.809 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 94290
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 47.4 54.6 81.8#

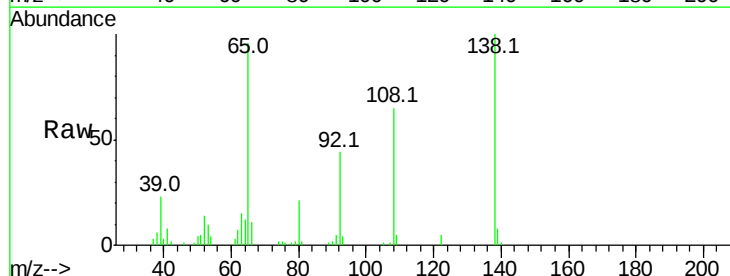


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

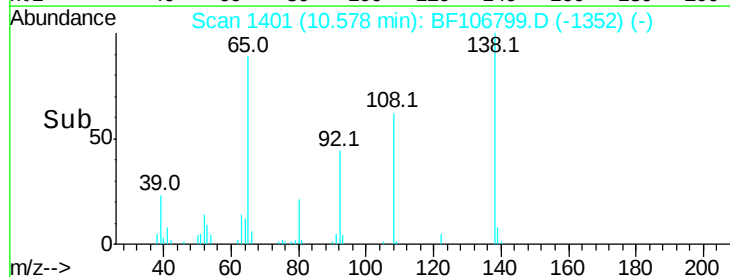
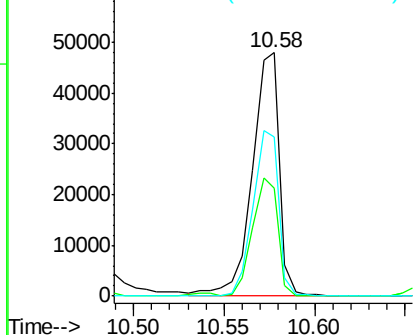


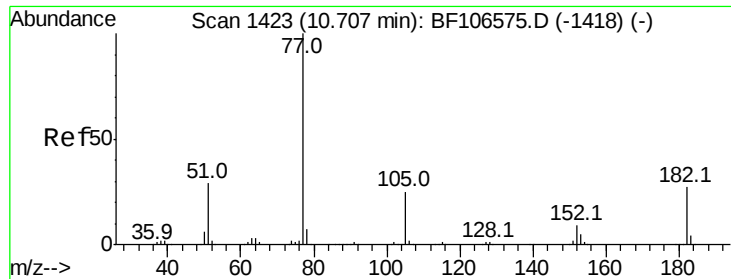
#61
 4-Nitroaniline
 Concen: 41.200 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion:138 Resp: 49917
 Ion Ratio Lower Upper
 138 100
 92 44.2 30.2 70.2
 108 65.3 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: 31.558 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 150271

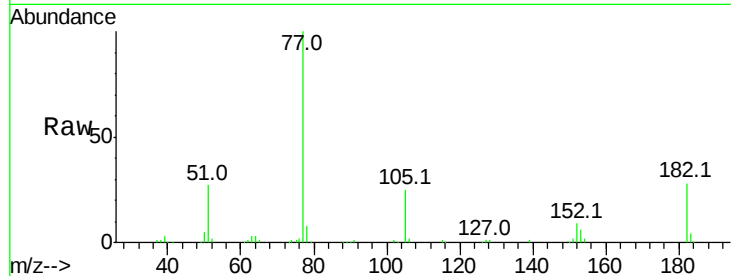
Ion Ratio Lower Upper

77 100

182 28.1 1.7 41.7

105 25.1 3.0 43.0

51 27.5 9.9 49.9

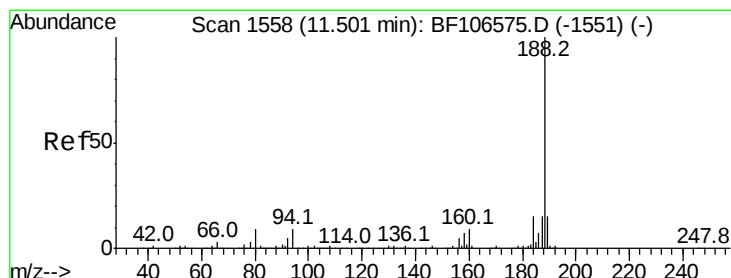
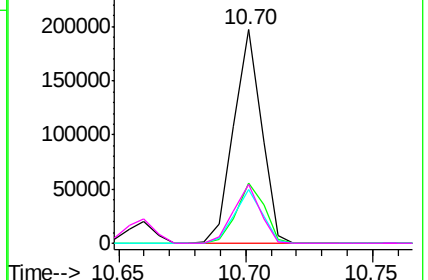
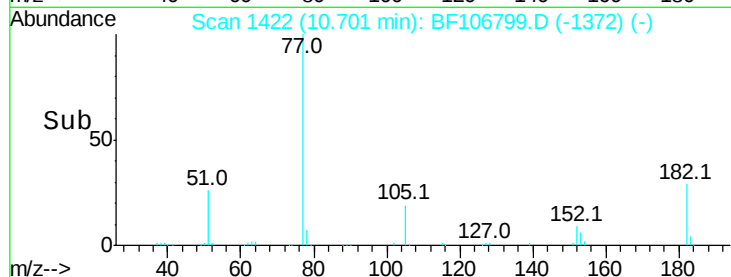


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

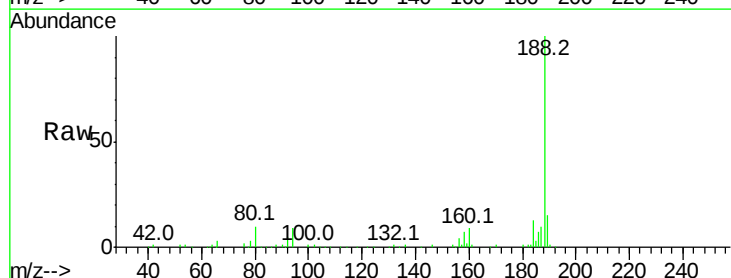
Tgt Ion: 188 Resp: 129042

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

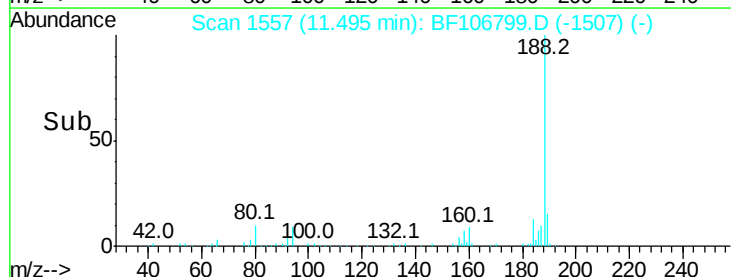
80 9.6 9.2 13.8



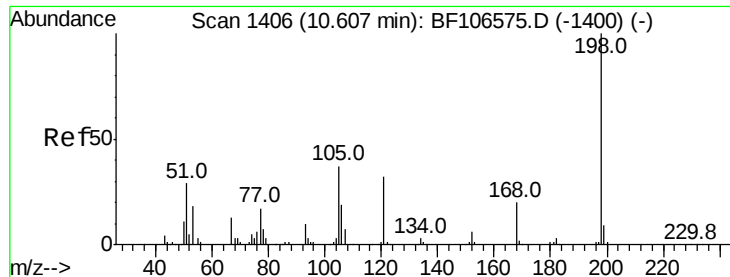
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



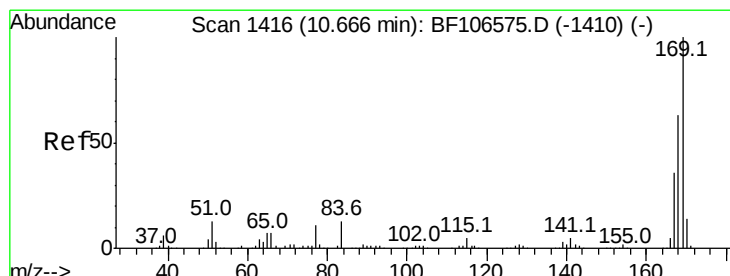
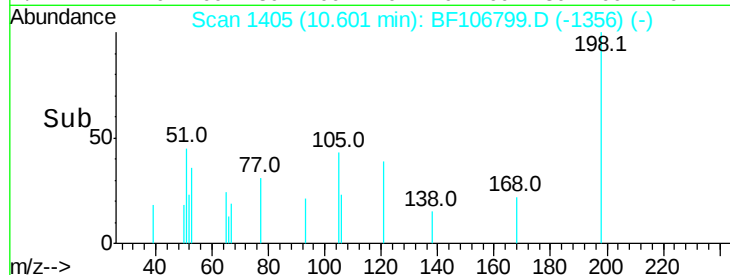
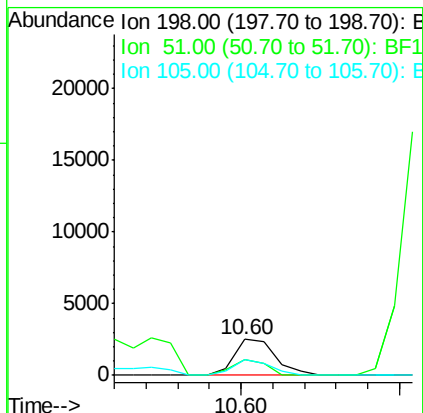
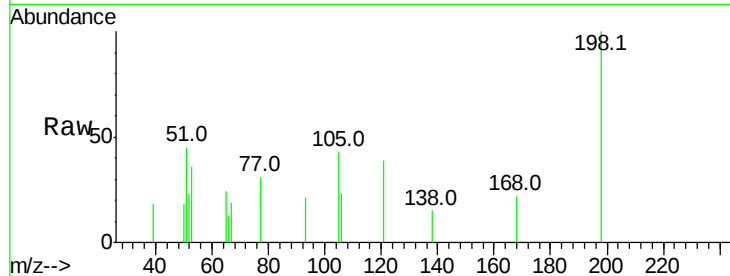
Time--> 11.45 11.50 11.55



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.816 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

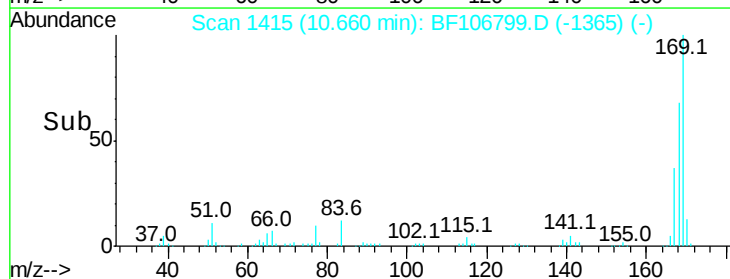
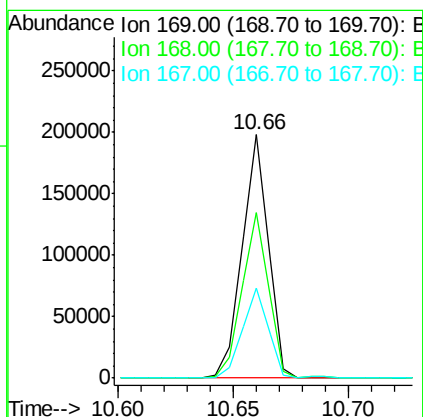
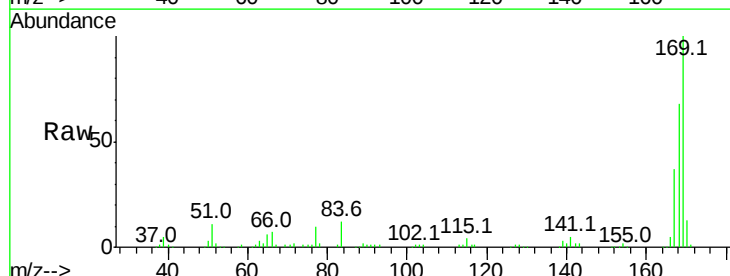
Instrument :
 BNA_F
 ClientSampleId :

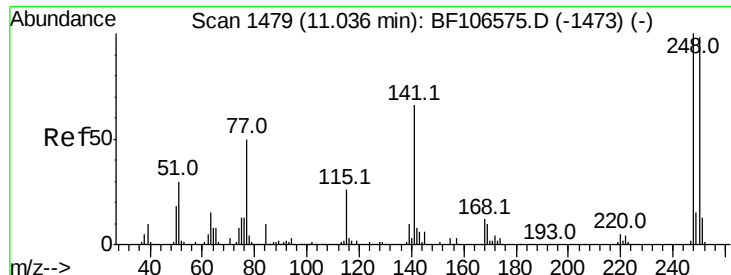
Tot Ion:198 Resp: 2246
 Ion Ratio Lower Upper
 198 100
 51 45.0 37.7 77.7
 105 43.2 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 36.205 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion:169 Resp: 157142
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 36.8 29.8 44.6

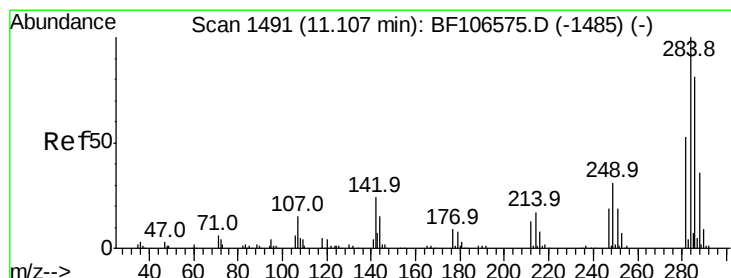
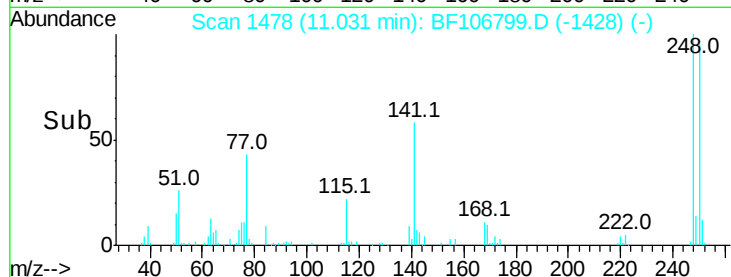
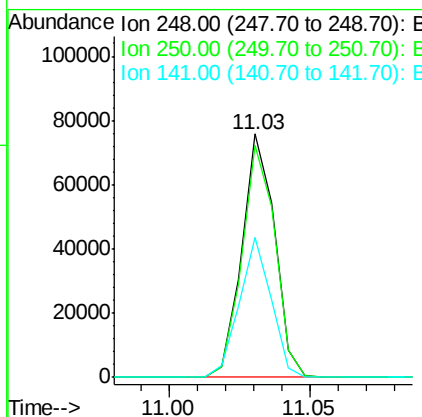
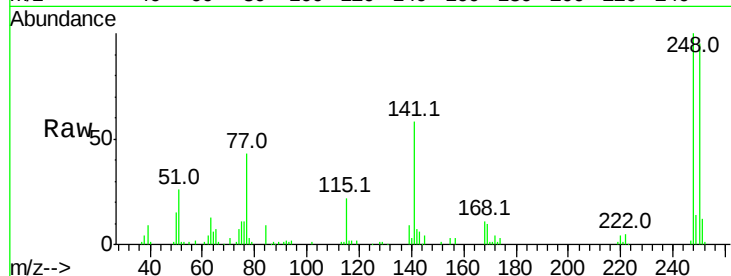




#66
 4-Bromophenyl-phenylether
 Concen: 39.662 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

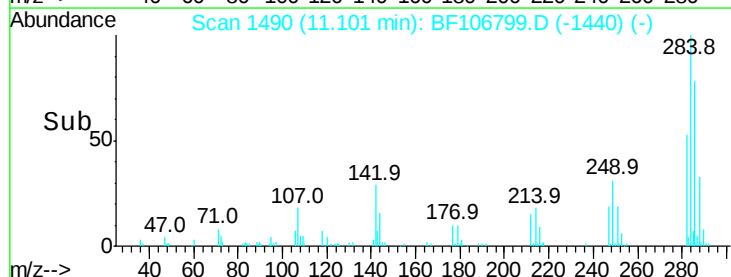
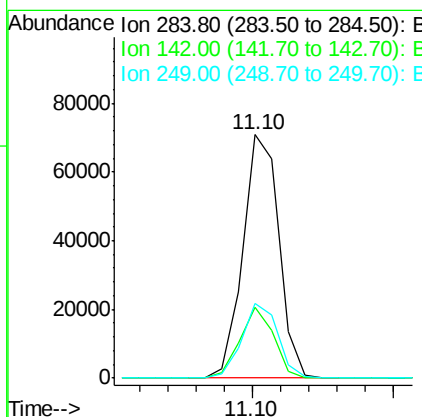
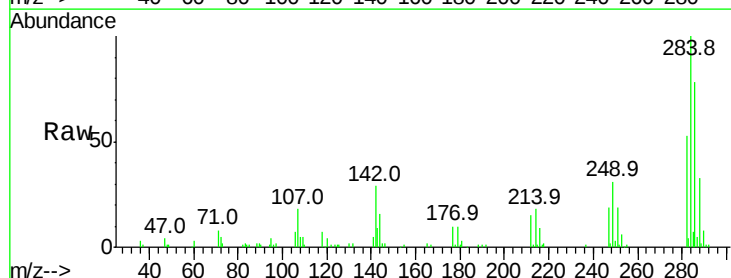
Instrument :
 BNA_F
 ClientSampled :

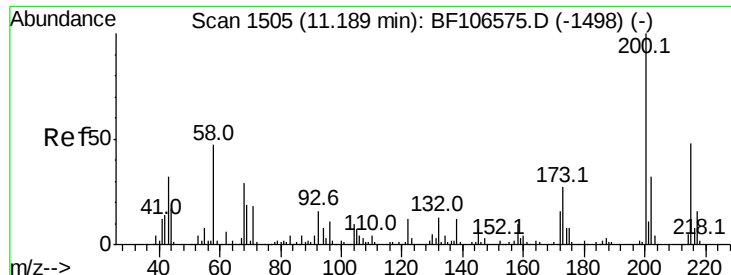
Tot Ion:248 Resp: 61081
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.9 115.3
 141 57.6 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 38.833 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion:284 Resp: 62594
 Ion Ratio Lower Upper
 284 100
 142 29.2 34.6 52.0#
 249 30.9 24.8 37.2

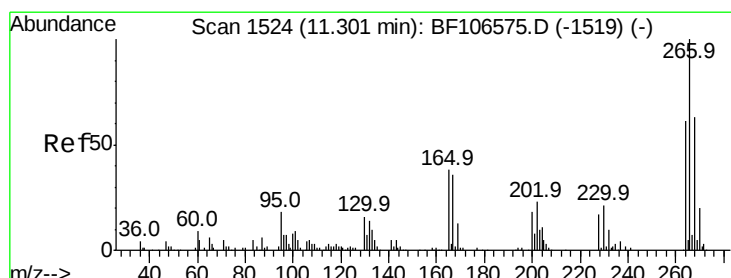
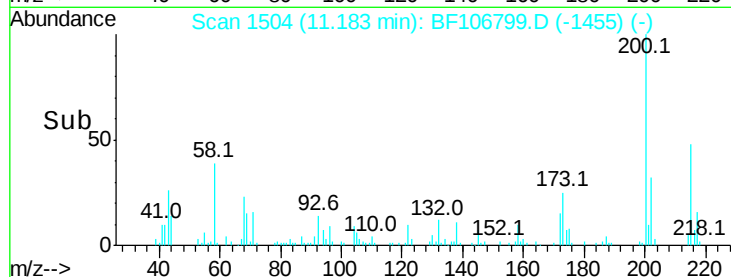
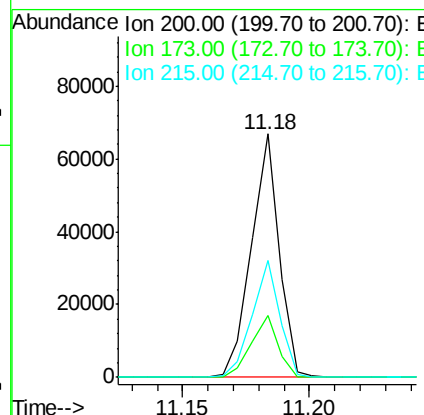
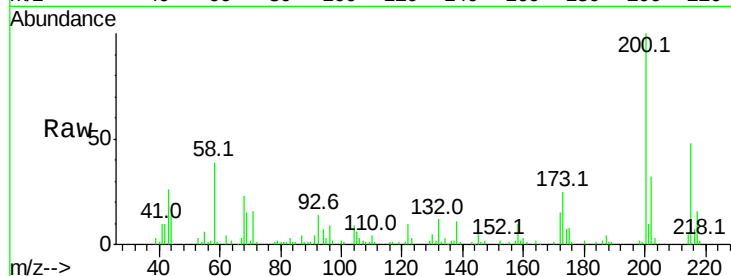




#68
Atrazine
Concen: 37.120 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

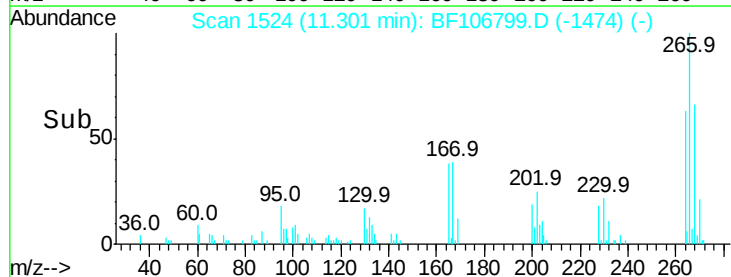
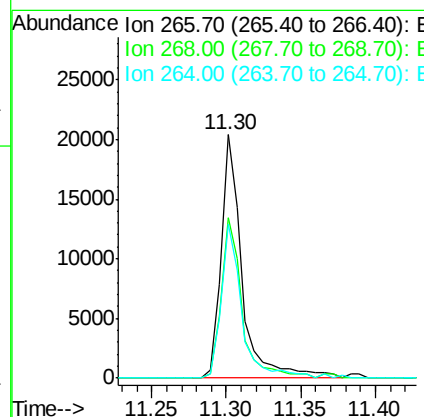
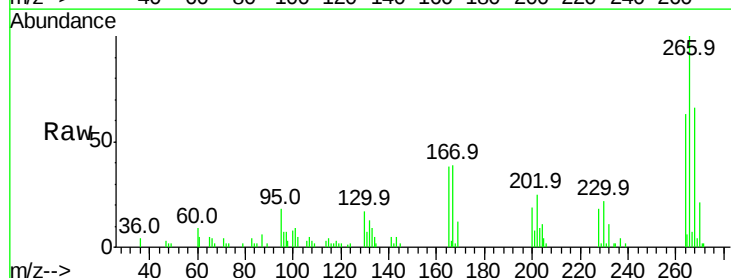
Instrument :
BNA_F
ClientSampleId :

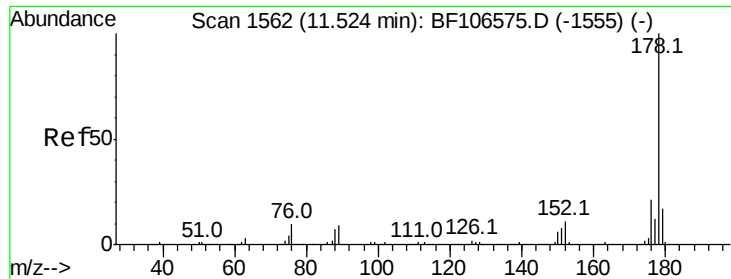
Tot Ion:200 Resp: 51218
Ion Ratio Lower Upper
200 100
173 25.2 8.6 48.6
215 47.9 25.1 65.1



#69
Pentachlorophenol
Concen: 24.930 ng
RT: 11.30 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:266 Resp: 20050
Ion Ratio Lower Upper
266 100
268 65.7 51.1 76.7
264 63.0 49.5 74.3

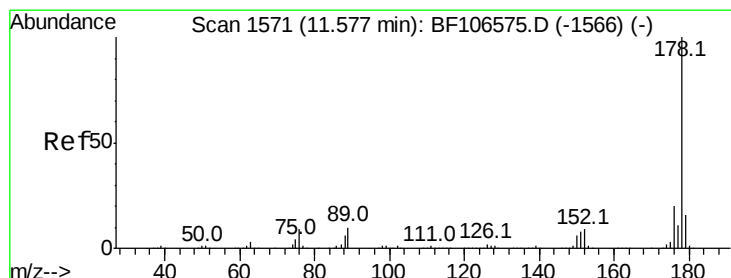
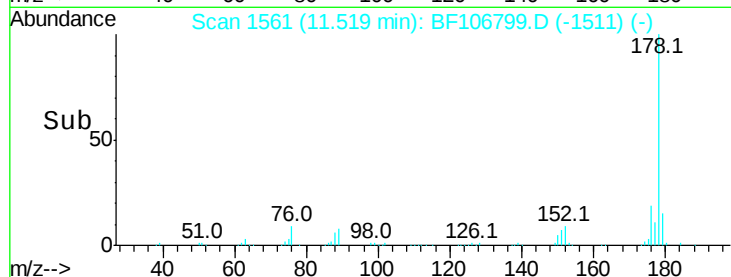
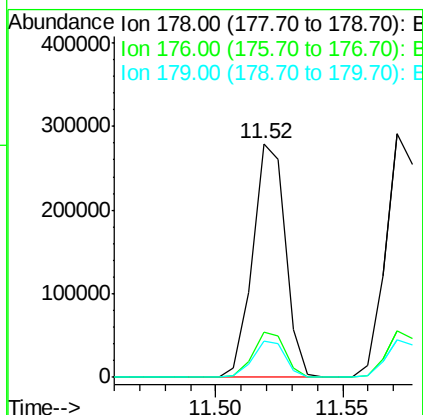
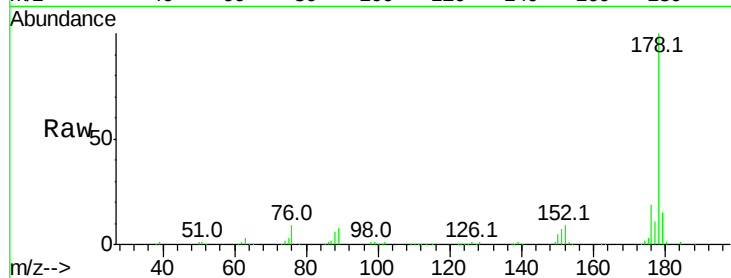




#70
Phenanthrene
Concen: 40.562 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

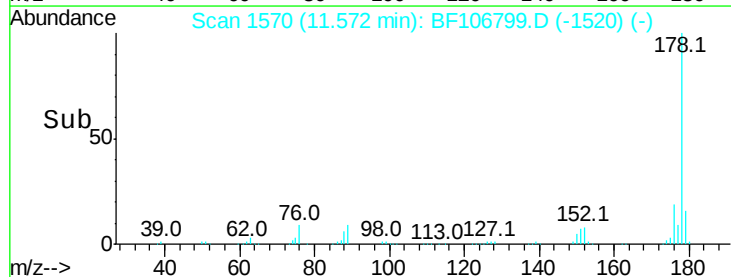
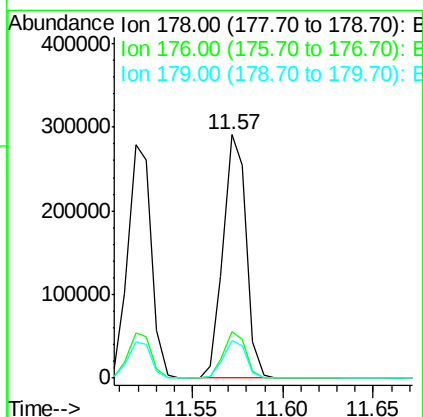
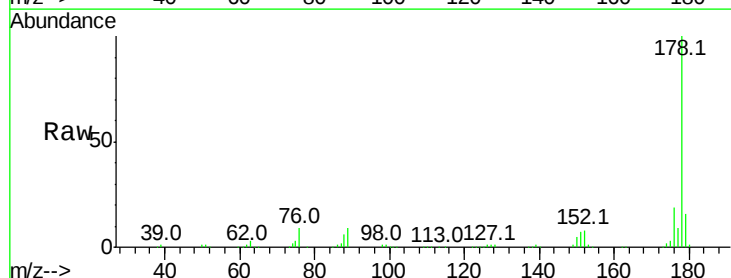
Instrument :
BNA_F
ClientSampleId :

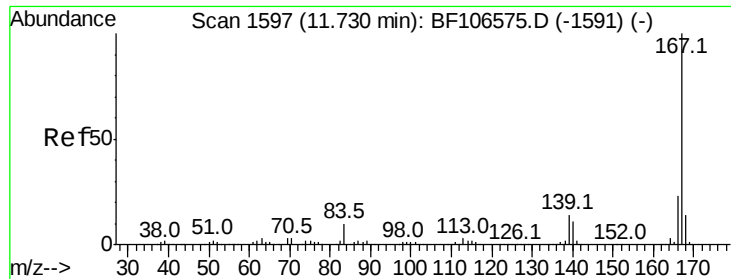
Tot Ion:178 Resp: 252458
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 40.683 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:178 Resp: 258452
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.6 19.0





#72

Carbazole

Concen: 39.968 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

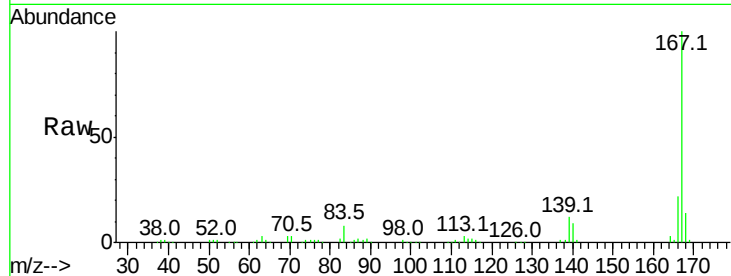
Tot Ion:167 Resp: 237724

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

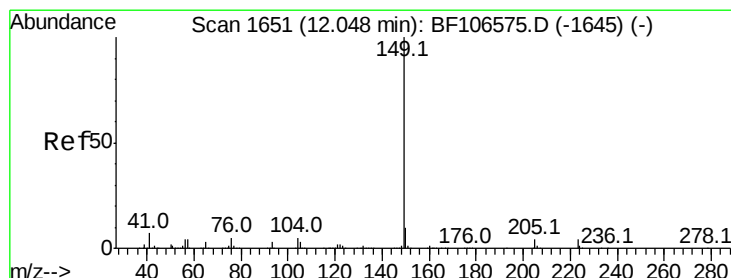
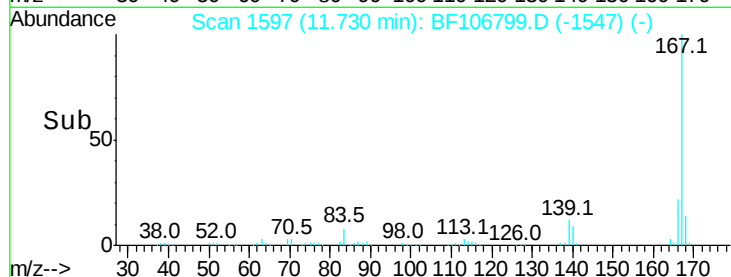
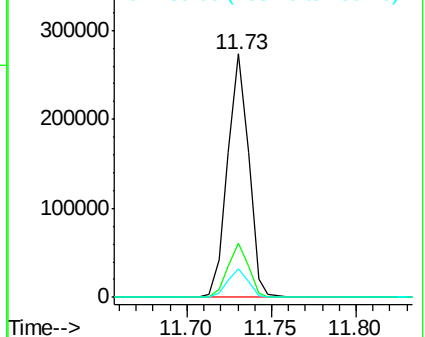
139 11.5 10.9 16.3



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: 38.136 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

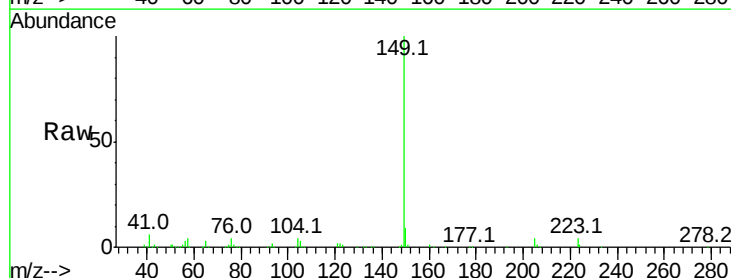
Tgt Ion:149 Resp: 267218

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

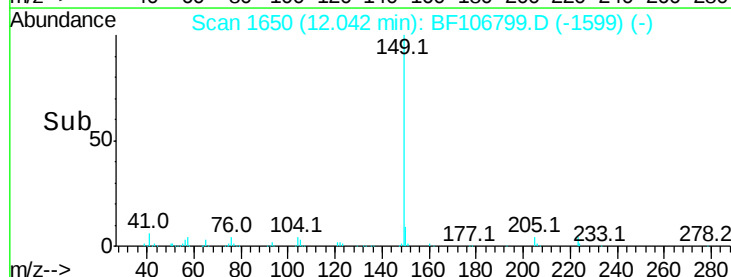
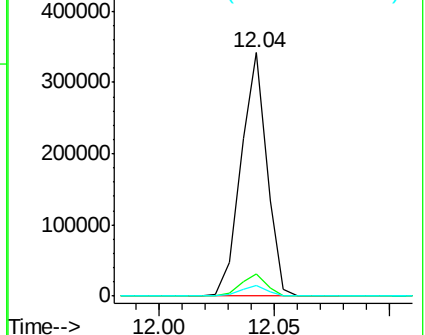
104 4.4 3.8 5.8

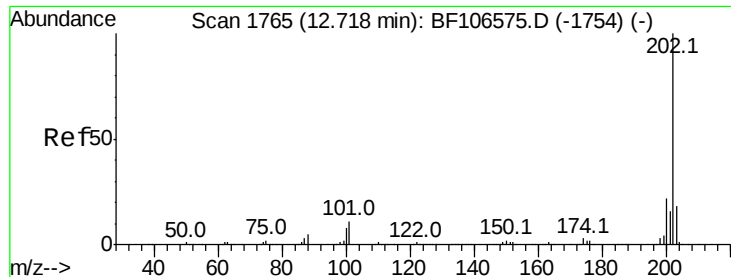


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

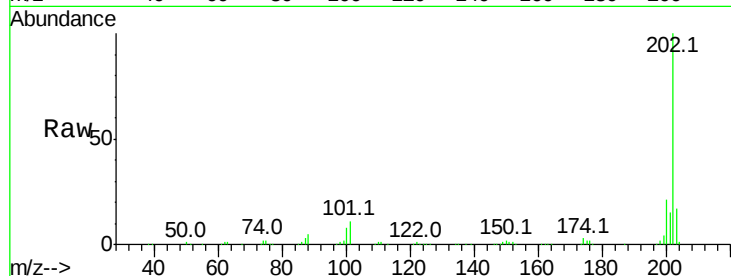




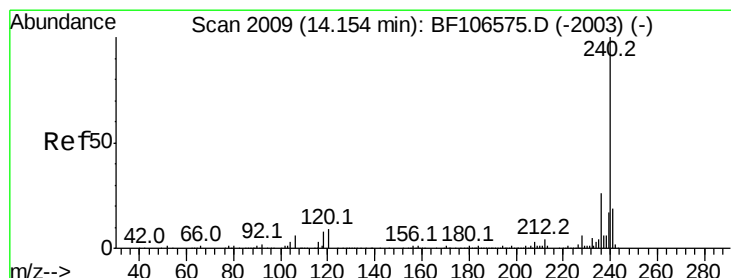
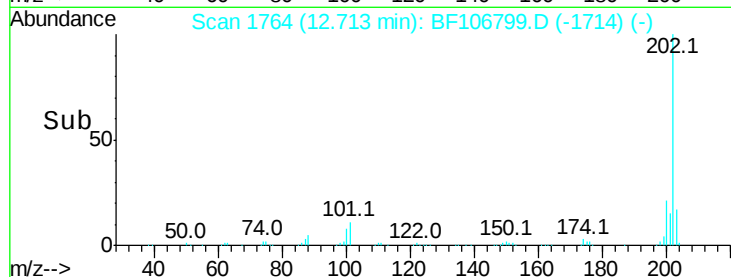
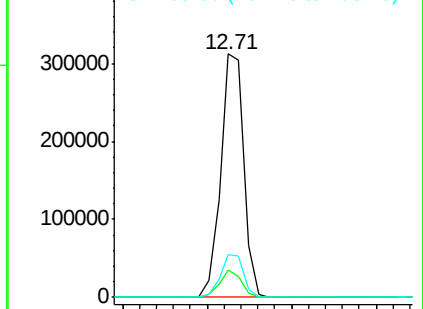
#74
Fluoranthene
Concen: 43.221 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 296501
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.1
203 17.4 0.0 38.1

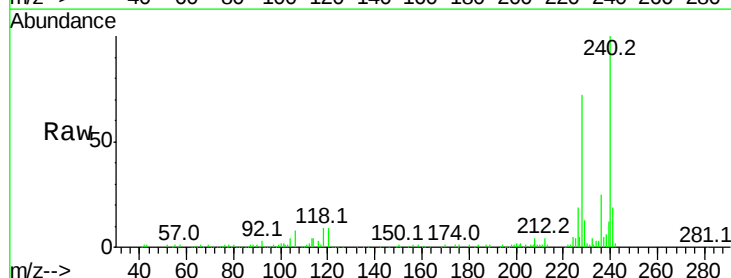


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

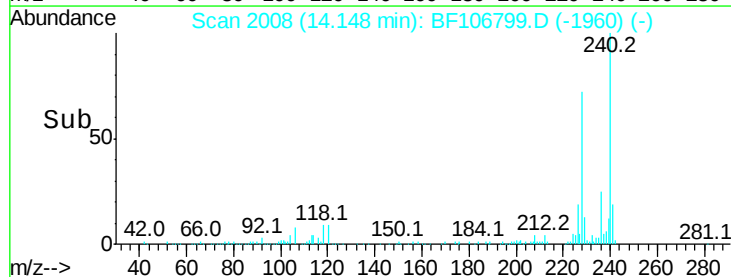
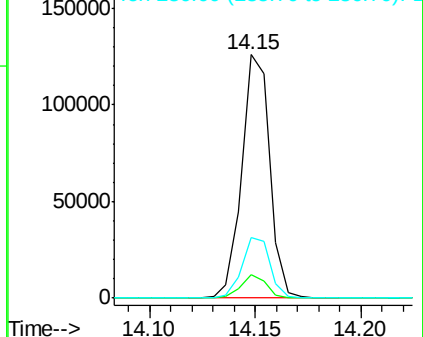


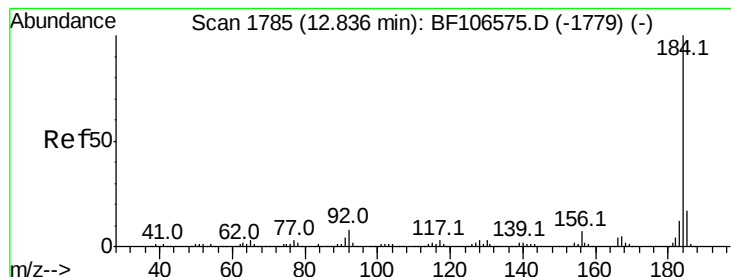
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:240 Resp: 115542
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.307 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

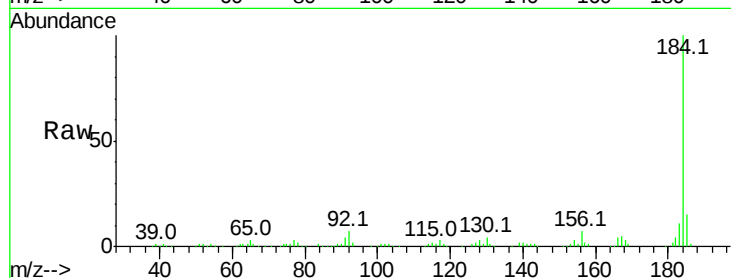
Tot Ion:184 Resp: 135925

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

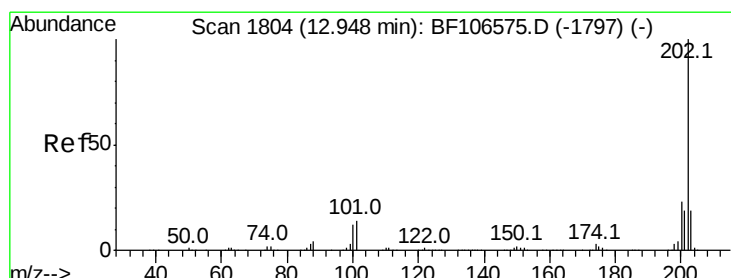
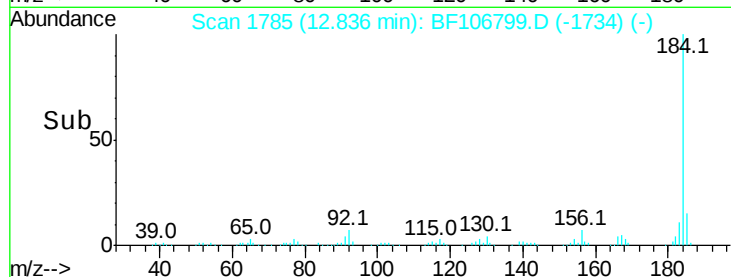
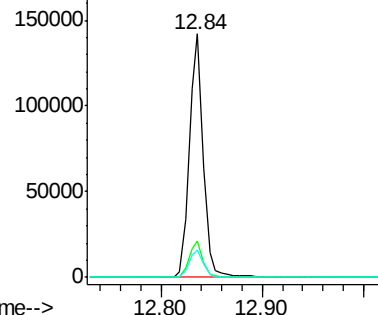
183 11.3 9.3 13.9



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: 40.267 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

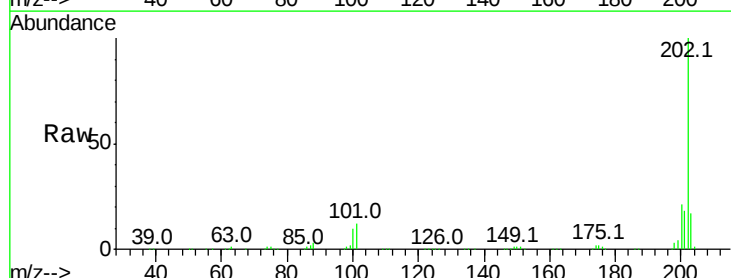
Tgt Ion:202 Resp: 306801

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

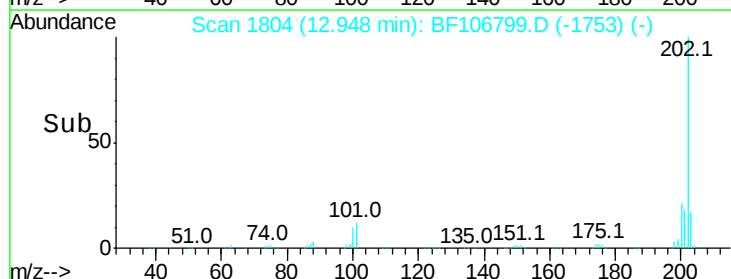
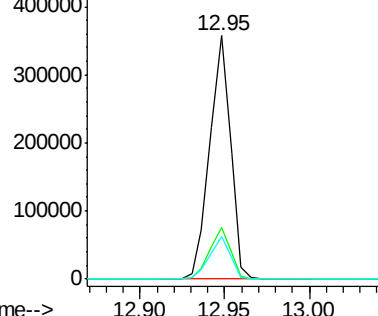
203 17.4 14.3 21.5

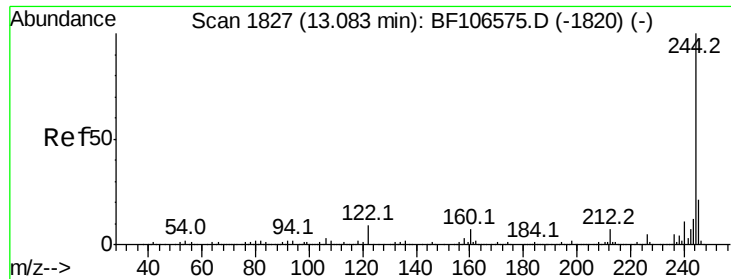


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

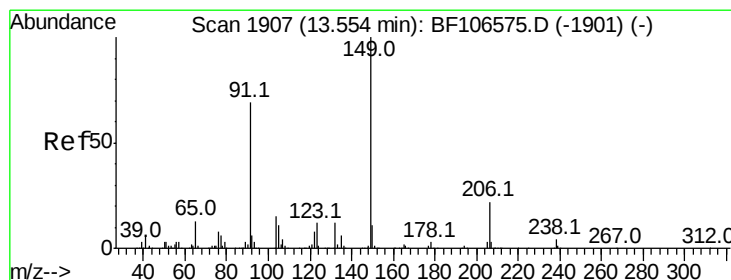
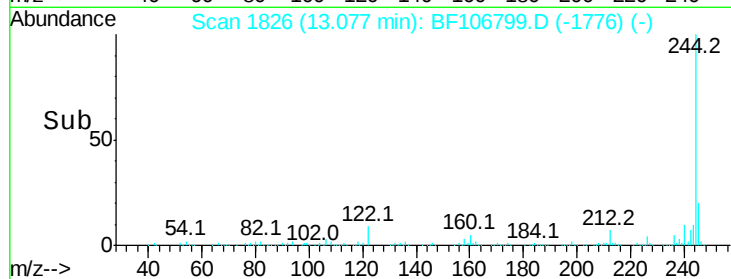
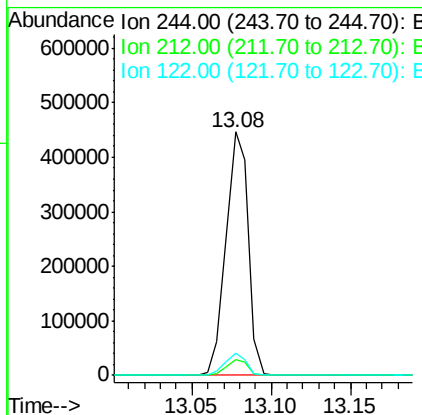
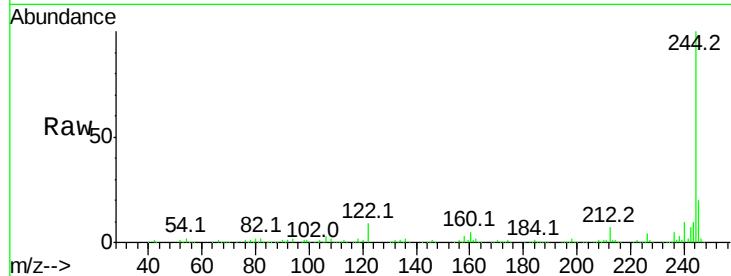




#78
 Terphenyl-d14
 Concen: 90.450 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

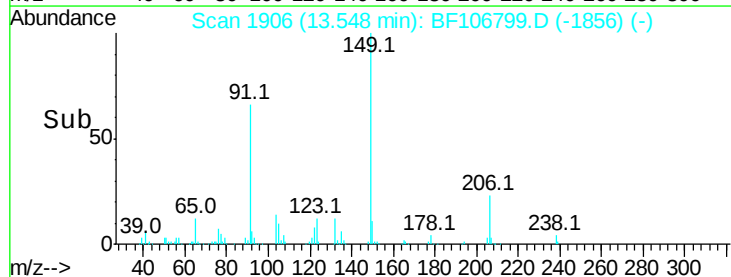
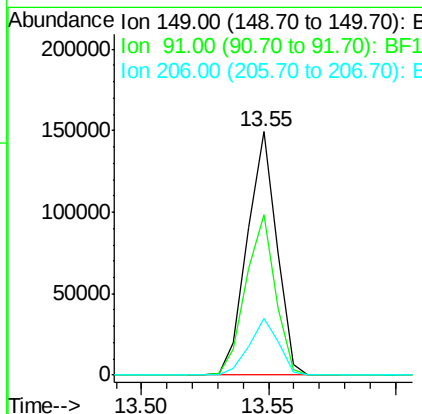
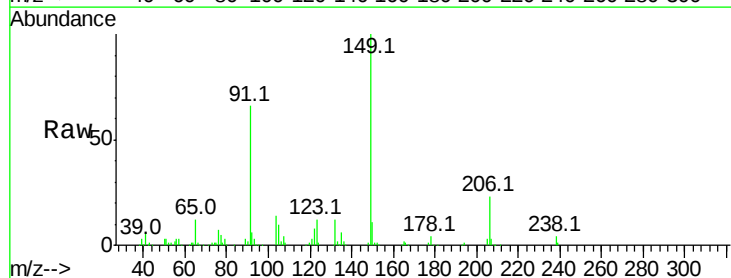
Instrument :
 BNA_F
 ClientSampleId :

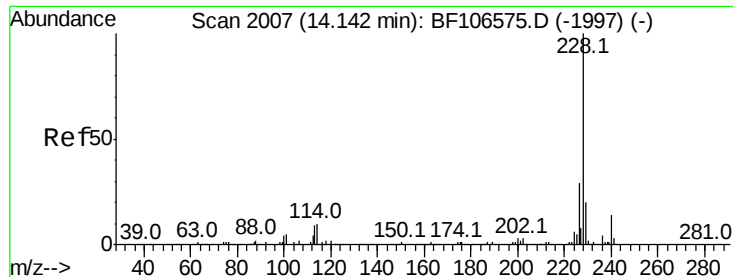
Tot Ion:244 Resp: 431440
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.0 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 38.598 ng
 RT: 13.55 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion:149 Resp: 120914
 Ion Ratio Lower Upper
 149 100
 91 65.9 56.8 85.2
 206 23.3 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 38.031 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

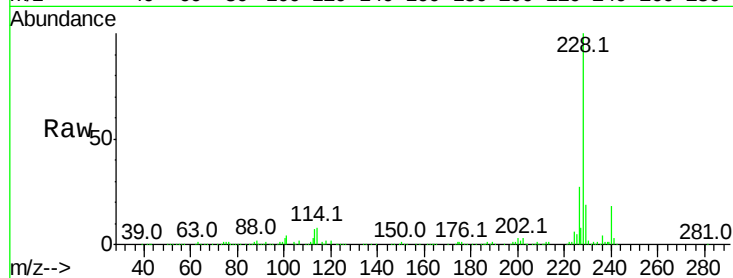
Tot Ion:228 Resp: 267814

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

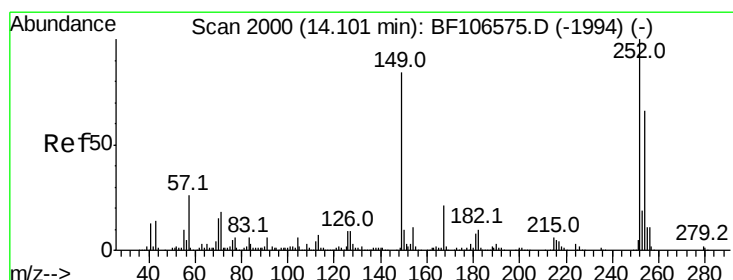
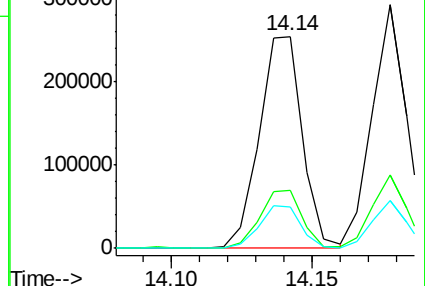
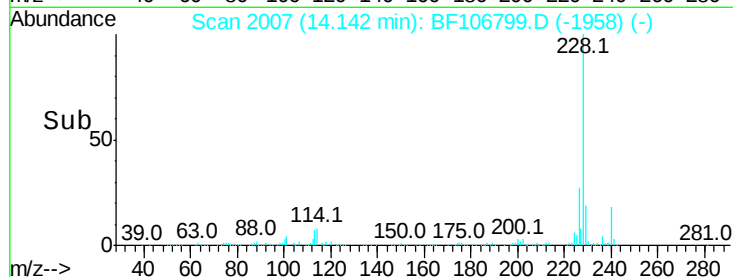
229 19.3 15.8 23.6



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: 41.397 ng

RT: 14.10 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

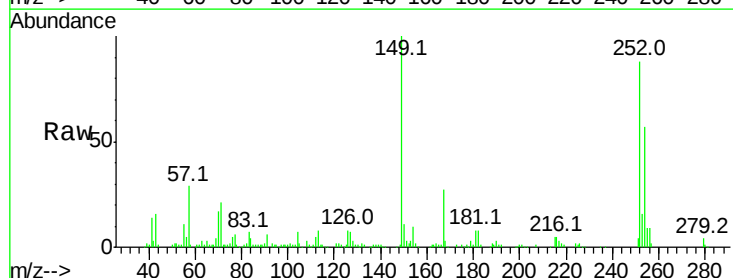
Tgt Ion:252 Resp: 102456

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

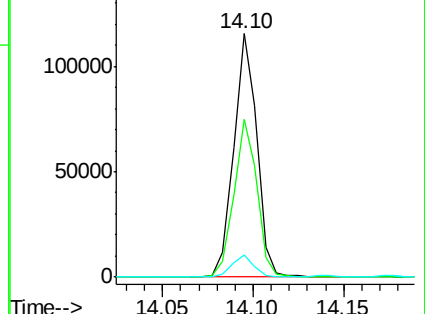
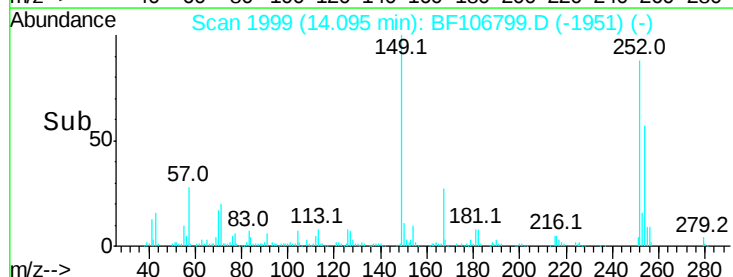
126 9.1 11.3 16.9#

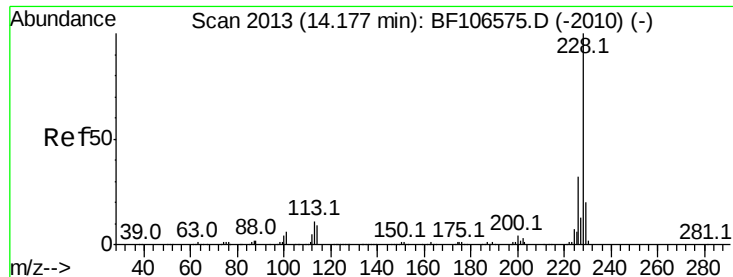


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

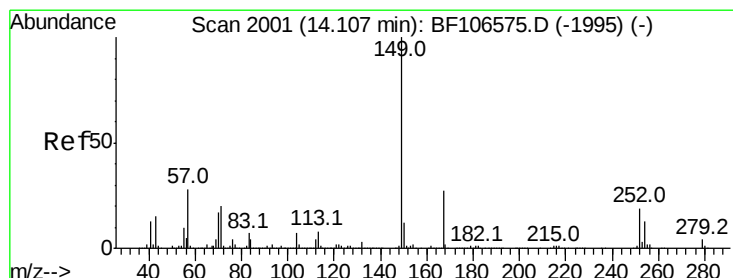
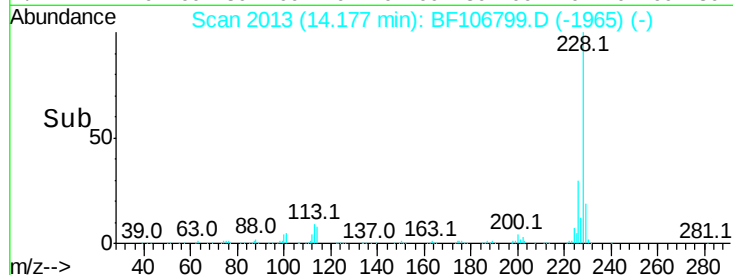
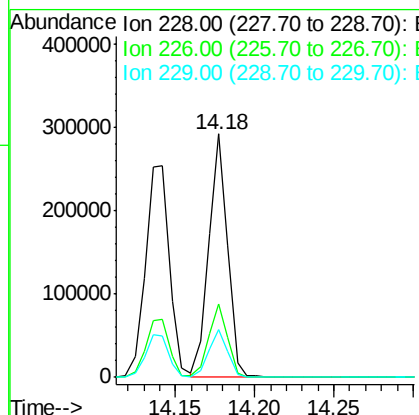
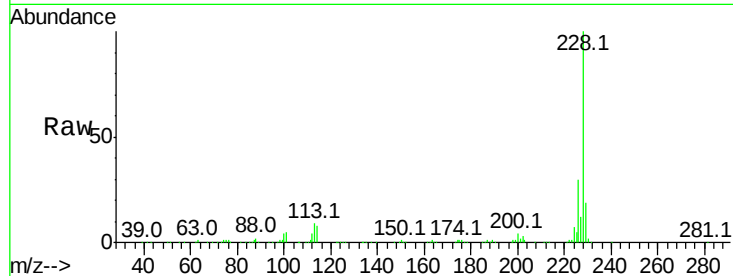




#82
 Chrysene
 Concen: 37.616 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

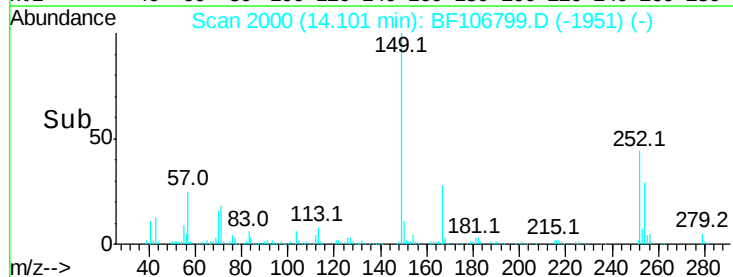
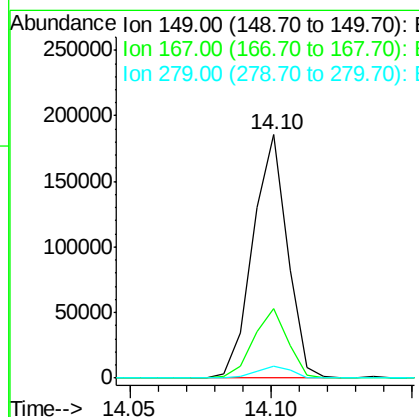
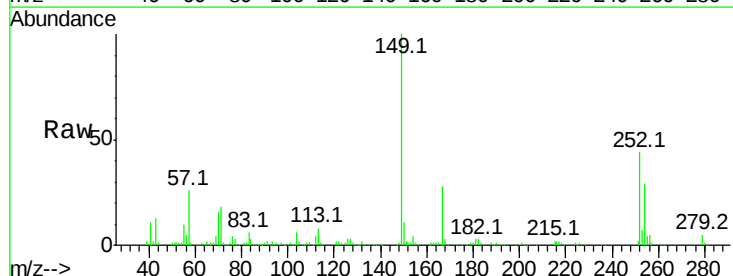
Instrument :
 BNA_F
 ClientSampleId :

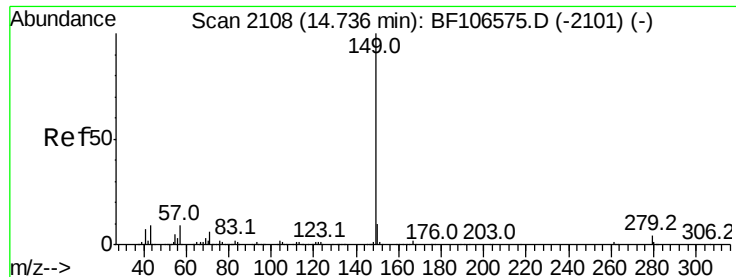
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.4	16.2	24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.283 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106799.D
 Acq: 26 Jun 2018 4:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	4.7	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 42.654 ng

RT: 14.73 min Scan# 2107

Delta R.T. -0.04 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

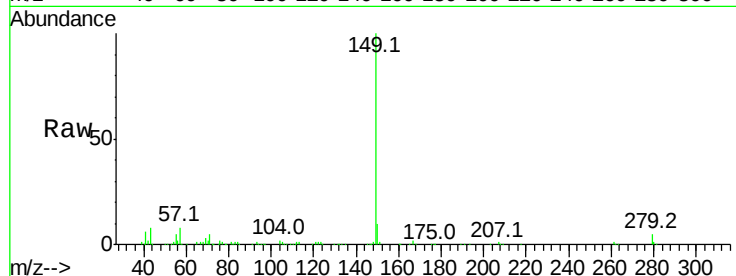
Tot Ion:149 Resp: 278455

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

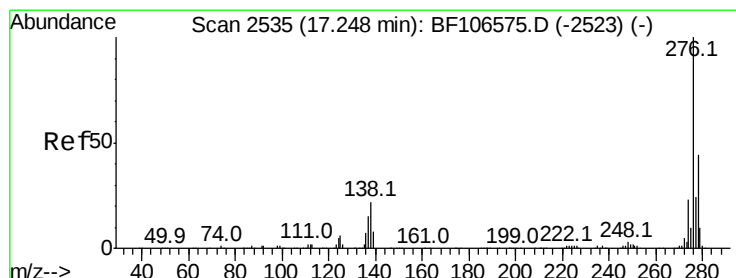
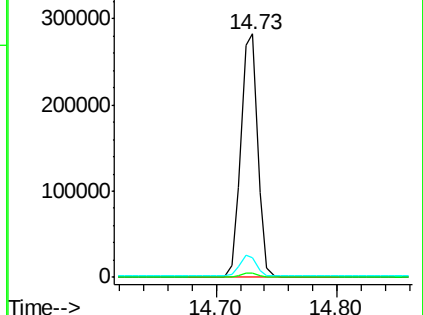
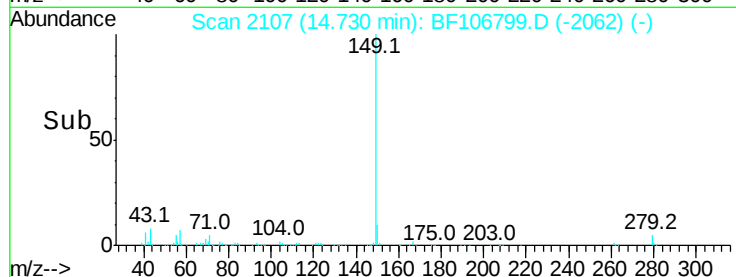
43 8.3 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.213 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

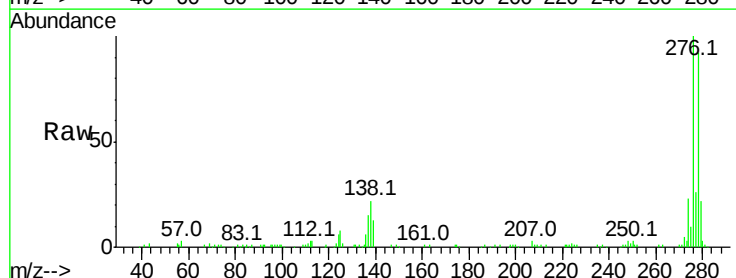
Tgt Ion:276 Resp: 188097

Ion Ratio Lower Upper

276 100

138 21.6 25.0 37.6#

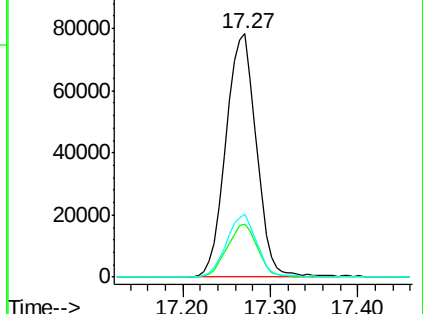
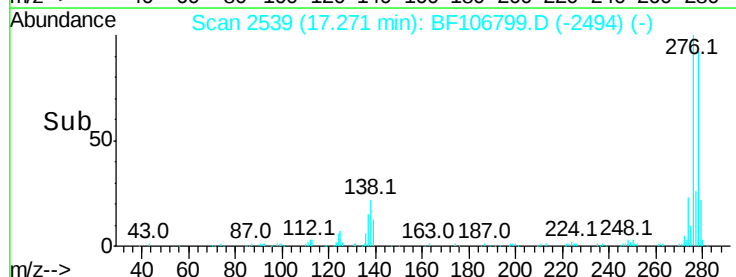
277 25.3 20.1 30.1

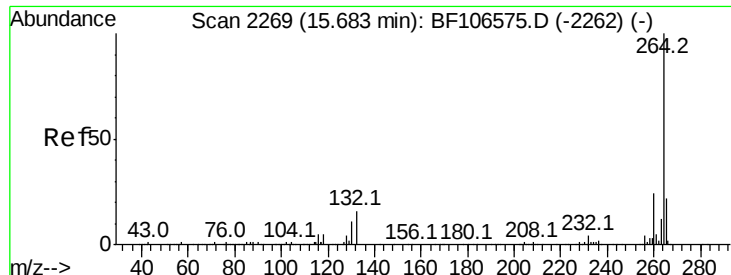


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



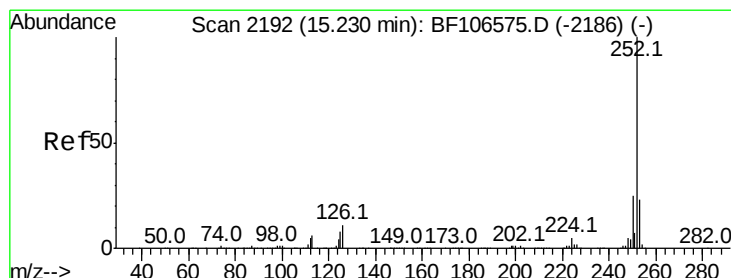
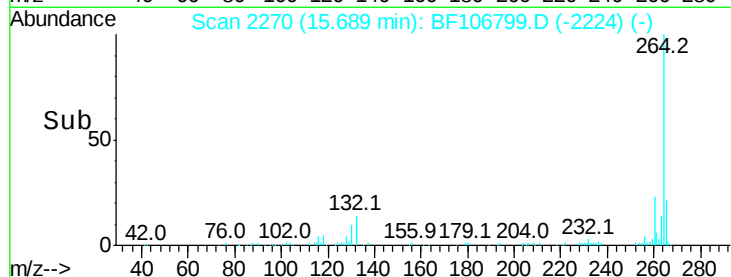
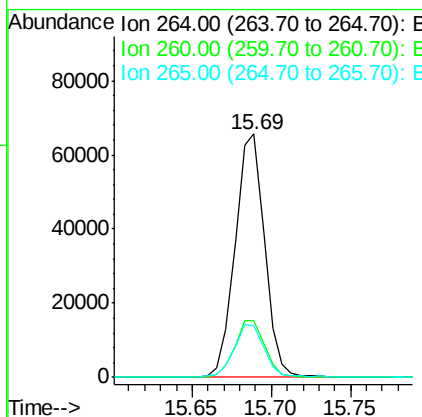
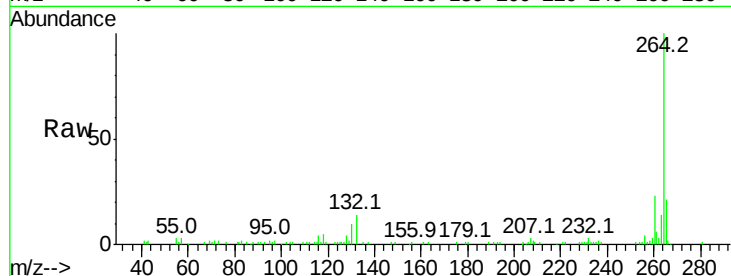


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 84534

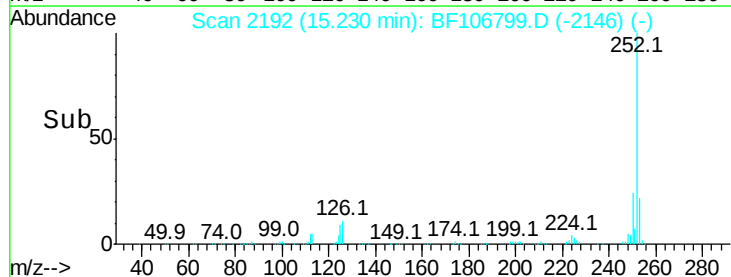
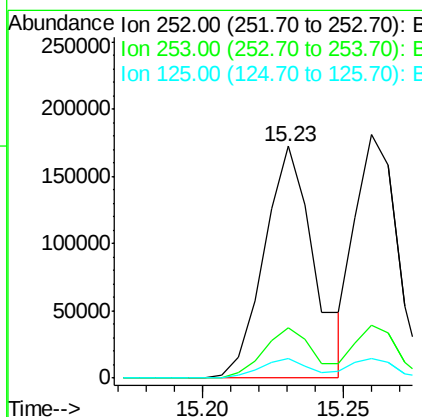
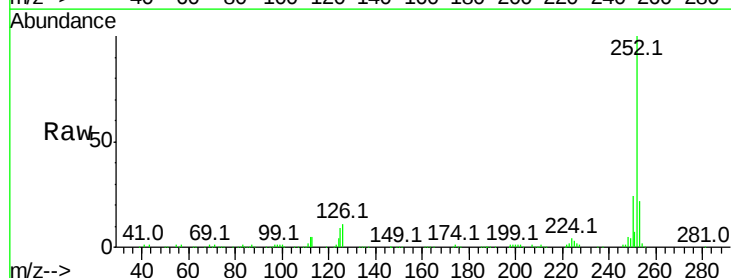
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3

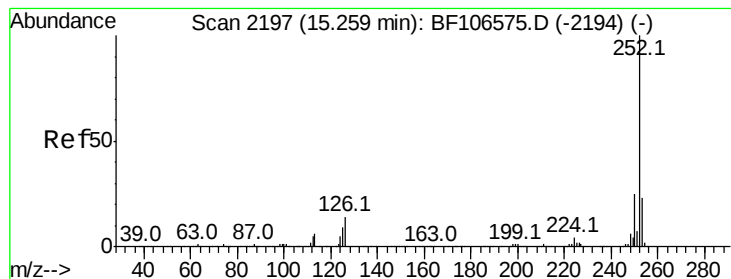


#87
Benzo(b)fluoranthene
Concen: 40.401 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF106799.D
Acq: 26 Jun 2018 4:05

Tgt Ion:252 Resp: 212153

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.5	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 37.600 ng

RT: 15.26 min Scan# 2197

Delta R.T. -0.04 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

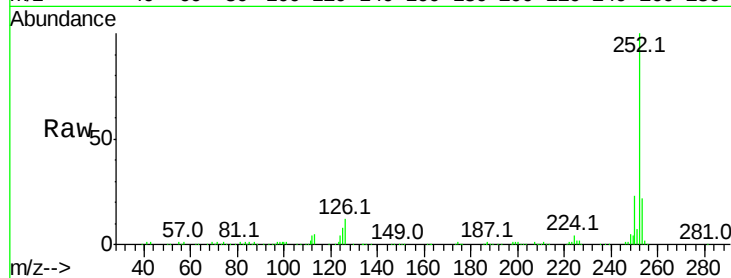
Tot Ion:252 Resp: 188026

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 8.2 10.2 15.2#

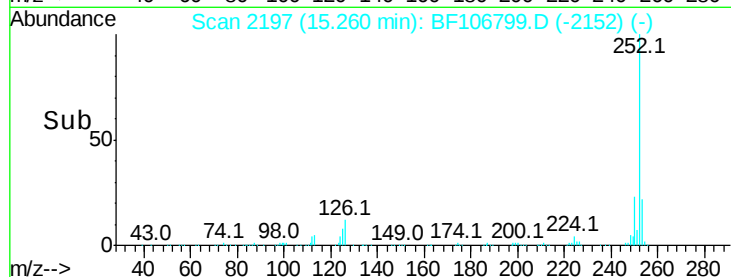


Abundance Ion 252.00 (251.70 to 252.70): E

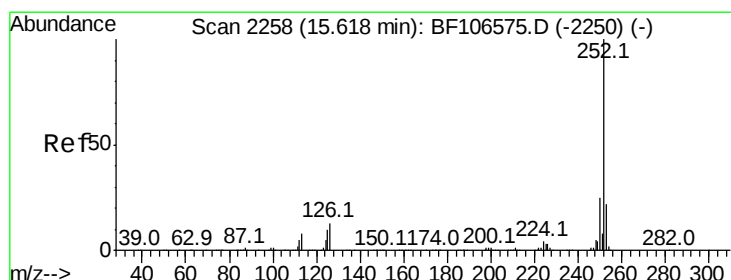
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.26



Time-->



#89

Benzo(a)pyrene

Concen: 37.947 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

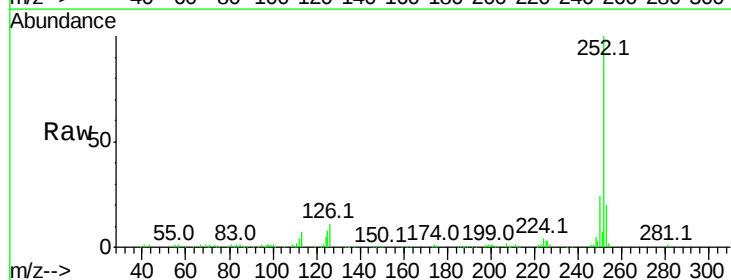
Tgt Ion:252 Resp: 177143

Ion Ratio Lower Upper

252 100

253 20.5 17.1 25.7

125 8.2 9.8 14.6#

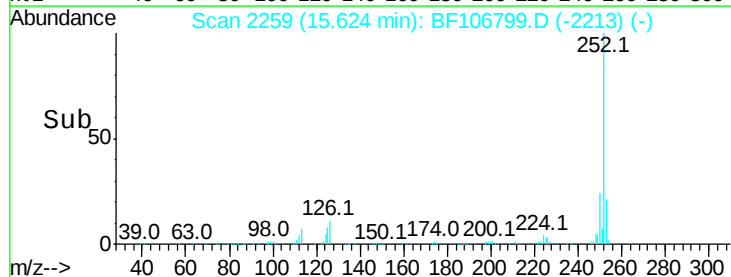


Abundance Ion 252.00 (251.70 to 252.70): E

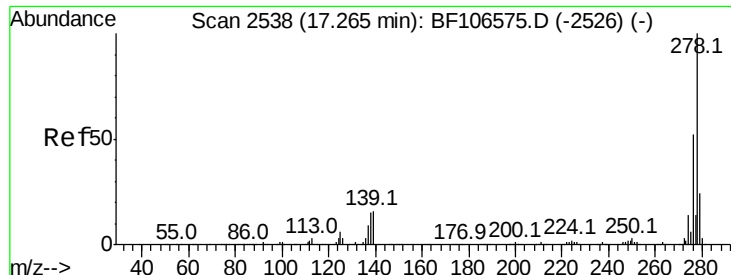
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.62



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 40.648 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

Instrument :

BNA_F

ClientSampleId :

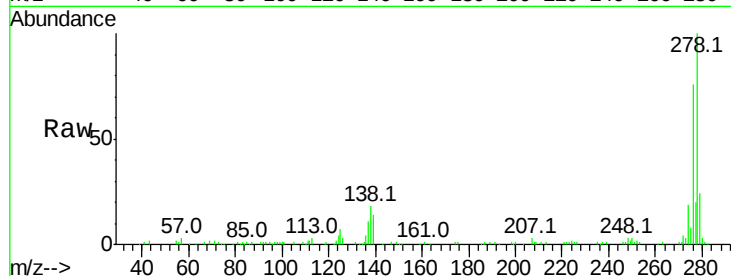
Tot Ion:278 Resp: 160812

Ion Ratio Lower Upper

278 100

139 14.4 15.9 23.9#

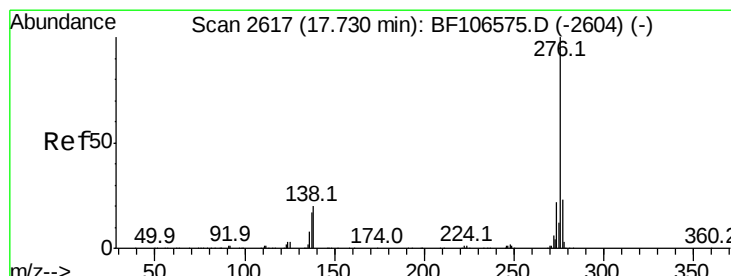
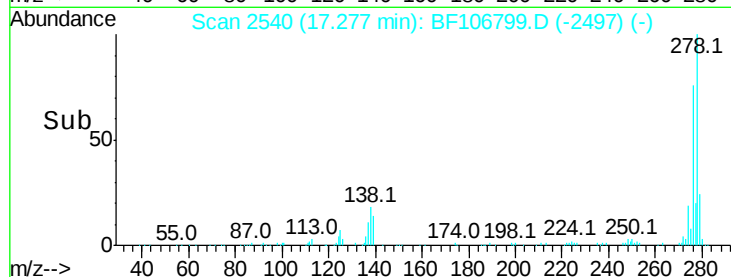
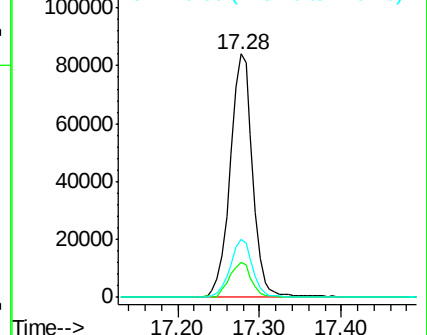
279 23.8 19.0 28.4



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: 40.454 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF106799.D

Acq: 26 Jun 2018 4:05

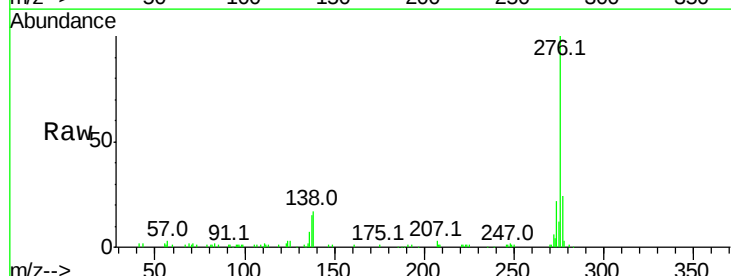
Tgt Ion:276 Resp: 156432

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 17.3 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

