

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
 Data File : BF107054.D
 Acq On : 2 Jul 2018 19:45
 Operator : JU/SJ
 Sample : J3732-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 01:24:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	60853	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	220935	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	99756	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	180408	20.00	ng	0.00
75) Chrysene-d12	14.16	240	145797	20.00	ng	0.00
86) Perylene-d12	15.71	264	110665	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	409048	113.82	ng	0.00
7) Phenol-d6	6.61	99	496113	110.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	301837	75.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	139149	120.35	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	530089	90.98	ng	0.00
78) Terphenyl-d14	13.08	244	581180	96.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	51854	28.066	ng	100
3) Pyridine	3.62	79	154002	30.735	ng	98
4) n-Nitrosodimethylamine	3.58	42	67691	31.807	ng	84
6) Aniline	6.62	93	161665	26.556	ng	# 5
8) 2-Chlorophenol	6.75	128	154310	39.149	ng	98
9) Benzaldehyde	6.52	77	90185	27.027	ng	97
10) Phenol	6.62	94	189489	36.997	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	154048	36.433	ng	97
12) 1,3-Dichlorobenzene	6.90	146	173347	37.549	ng	98
13) 1,4-Dichlorobenzene	6.98	146	174576	37.404	ng	98
14) 1,2-Dichlorobenzene	7.13	146	165238	38.630	ng	98
15) Benzyl Alcohol	7.11	79	120884	33.546	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	208551	37.593	ng	# 39
17) 2-Methylphenol	7.22	107	127806	37.889	ng	# 90
18) Hexachloroethane	7.47	117	36713	22.368	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	106167	35.888	ng	96
20) 3+4-Methylphenols	7.38	107	169282	47.108	ng	96
22) Acetophenone	7.37	105	212430	42.977	ng	# 99
24) Nitrobenzene	7.55	77	157242	38.740	ng	97
25) Isophorone	7.78	82	291808	41.654	ng	99
26) 2-Nitrophenol	7.86	139	42980	22.431	ng	99
27) 2,4-Dimethylphenol	7.90	122	137844	46.544	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	190109	40.417	ng	99
29) 2,4-Dichlorophenol	8.11	162	131853	42.525	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	146777	42.972	ng	98
31) Naphthalene	8.27	128	419524	40.615	ng	99
32) Benzoic acid	7.90	122	137844	62.079	ng	# 13
33) 4-Chloroaniline	8.32	127	123011	28.382	ng	99
34) Hexachlorobutadiene	8.37	225	95950	43.112	ng	100
35) Caprolactam	8.69	113	38271	37.866	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	128624	39.412	ng	97
37) 2-Methylnaphthalene	8.96	142	301686	44.064	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	156842	46.687	ng	# 95
42) 2,4,6-Trichlorophenol	9.24	196	88650	39.698	ng	95

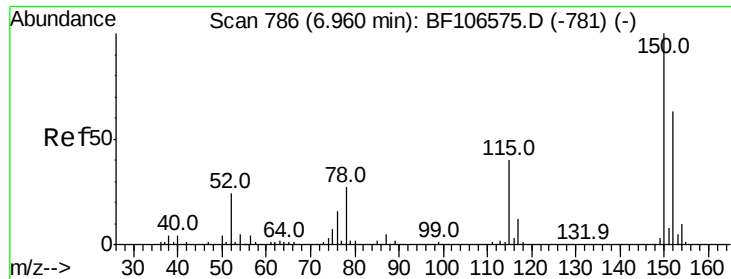
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	88627	38.035	ng	# 89
45) 1,1'-Biphenyl	9.42	154	354266	44.561	ng	98
46) 2-Chloronaphthalene	9.45	162	256211	40.942	ng	94
47) 2-Nitroaniline	9.55	65	83253	39.563	ng	97
48) Acenaphthylene	9.87	152	392482	39.725	ng	99
49) Dimethylphthalate	9.71	163	378583	50.600	ng	98
50) 2,6-Dinitrotoluene	9.79	165	51981	32.810	ng	87
51) Acenaphthene	10.04	154	236871	38.073	ng	96
52) 3-Nitroaniline	9.97	138	79859	43.804	ng	99
54) Dibenzofuran	10.21	168	357526	41.967	ng	94
55) 4-Nitrophenol	10.15	139	57279	45.011	ng	97
56) 2,4-Dinitrotoluene	10.20	165	57402	27.758	ng	# 90
57) Fluorene	10.55	166	278993	41.270	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	72250	39.006	ng	# 79
59) Diethylphthalate	10.41	149	293253	40.610	ng	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	146538	41.429	ng	# 82
61) 4-Nitroaniline	10.58	138	78139	43.187	ng	93
62) Azobenzene	10.70	77	244362	34.363	ng	94
65) n-Nitrosodiphenylamine	10.66	169	243854	40.186	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	97435	45.254	ng	# 82
67) Hexachlorobenzene	11.11	284	97416	43.229	ng	# 84
68) Atrazine	11.18	200	69592	36.076	ng	95
69) Pentachlorophenol	11.31	266	43503	38.690	ng	97
70) Phenanthrene	11.52	178	378847	43.538	ng	99
71) Anthracene	11.58	178	395177	44.494	ng	99
72) Carbazole	11.74	167	349180	41.992	ng	98
73) Di-n-butylphthalate	12.04	149	410059	41.859	ng	98
74) Fluoranthene	12.72	202	416450	43.422	ng	96
76) Benzidine	12.84	184	309099	74.441	ng	97
77) Pyrene	12.95	202	413094	42.967	ng	99
79) Butylbenzylphthalate	13.55	149	166950	42.235	ng	# 93
80) Benzo(a)anthracene	14.15	228	364632	41.035	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	137268	43.953	ng	# 97
82) Chrysene	14.18	228	339631	41.545	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	221746	43.878	ng	# 95
84) Di-n-octyl phthalate	14.73	149	375454	45.577	ng	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	259345	37.383	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	286520	41.679	ng	# 96
88) Benzo(k)fluoranthene	15.28	252	275482	42.081	ng	# 94
89) Benzo(a)pyrene	15.64	252	251228	41.109	ng	# 96
90) Dibenzo(a,h)anthracene	17.31	278	222292	42.920	ng	# 93
91) Benzo(g,h,i)perylene	17.79	276	208824	41.251	ng	# 88

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

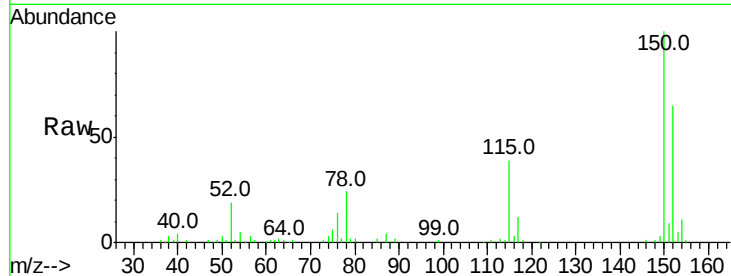


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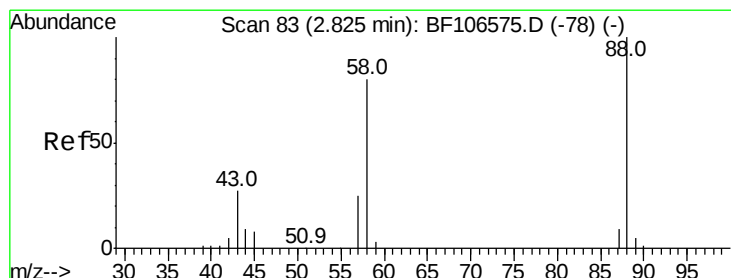
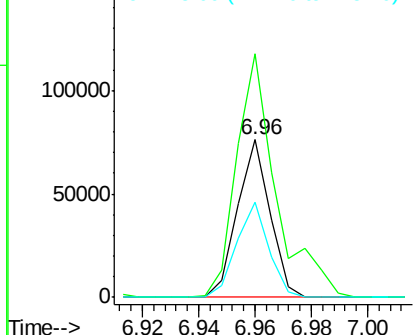
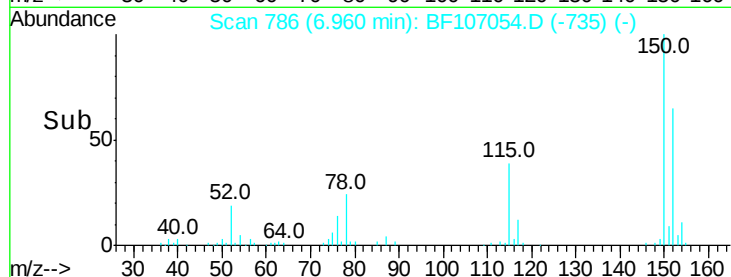
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60853
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.5 50.1 75.1



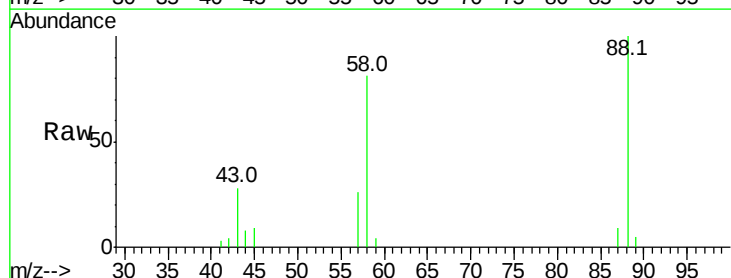
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



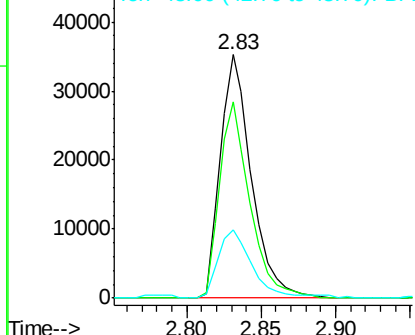
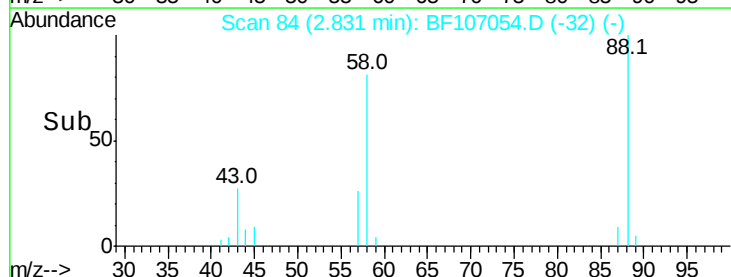
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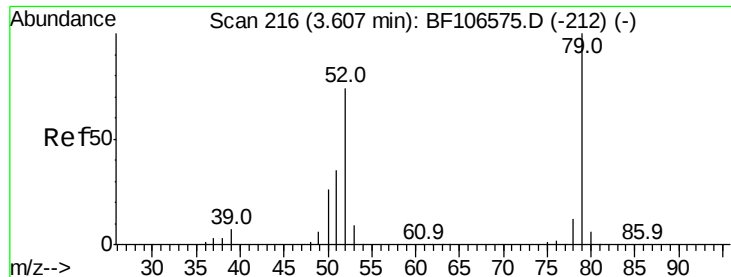
1,4-Dioxane
Concen: 28.066 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion: 88 Resp: 51854
Ion Ratio Lower Upper
88 100
58 78.3 62.6 93.8
43 30.6 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: 30.735 ng

RT: 3.62 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

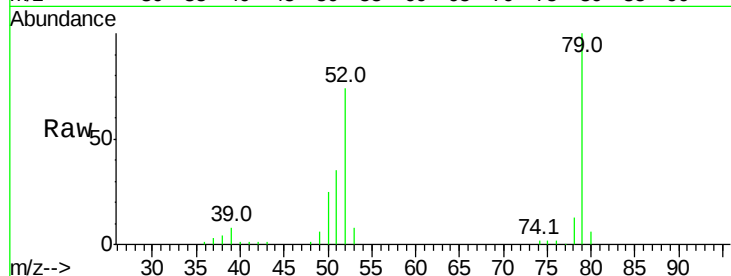
Tot Ion: 79 Resp: 154002

Ion Ratio Lower Upper

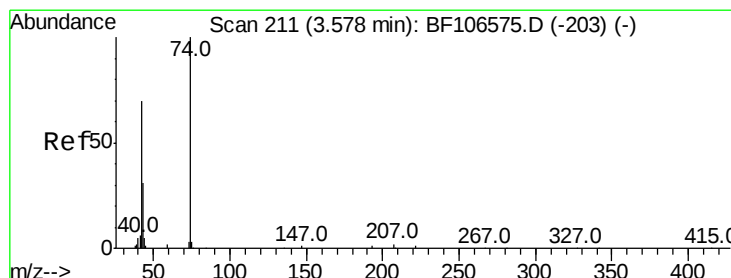
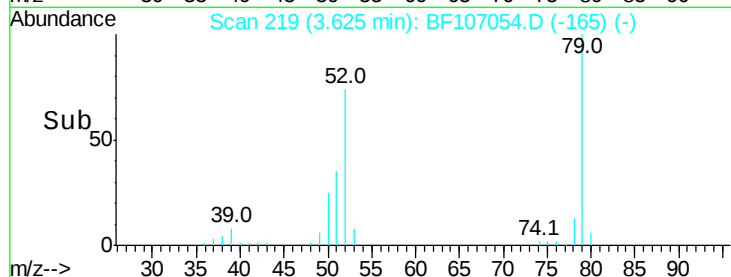
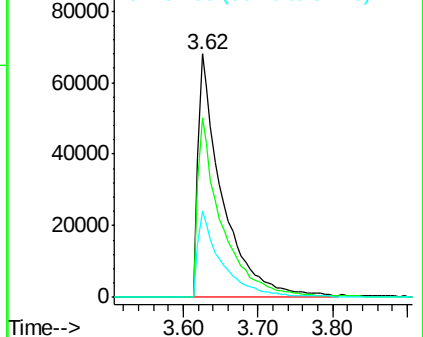
79 100

52 73.7 59.8 89.6

51 35.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.807 ng

RT: 3.58 min Scan# 212

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

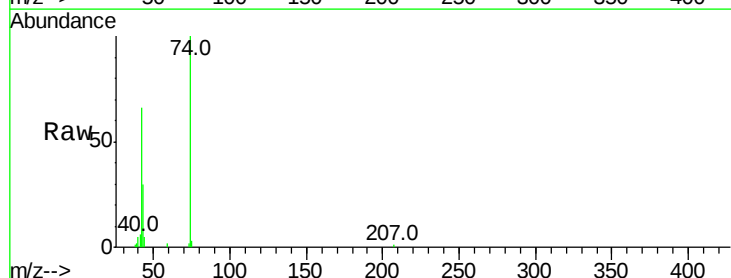
Tgt Ion: 42 Resp: 67691

Ion Ratio Lower Upper

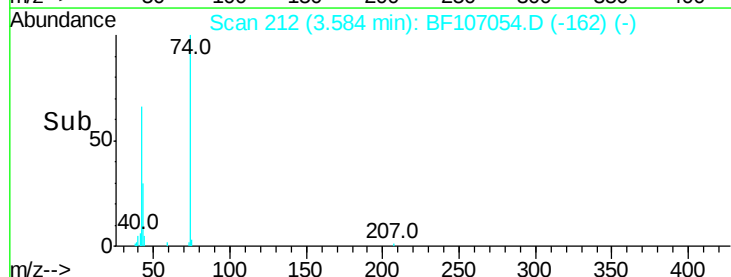
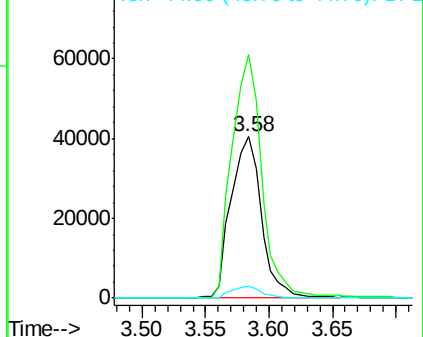
42 100

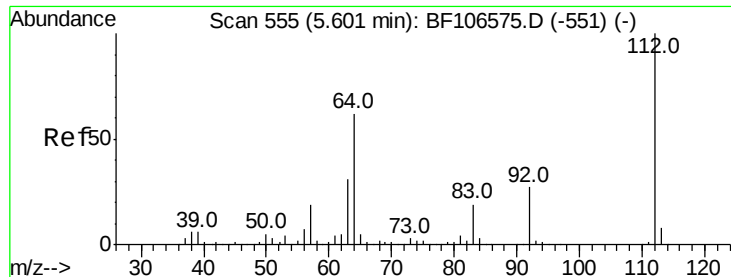
74 150.9 104.9 157.3

44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.823 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampled :

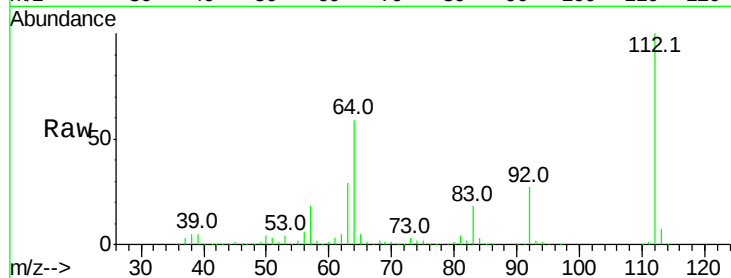
Tot Ion:112 Resp: 409048

Ion Ratio Lower Upper

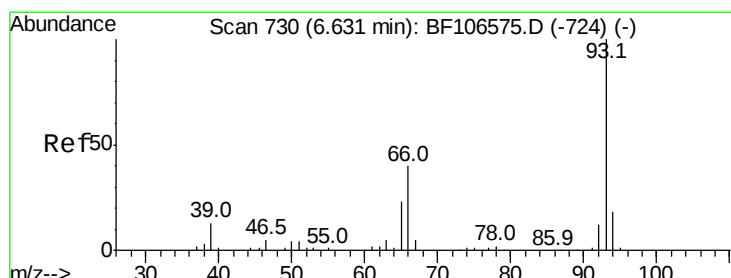
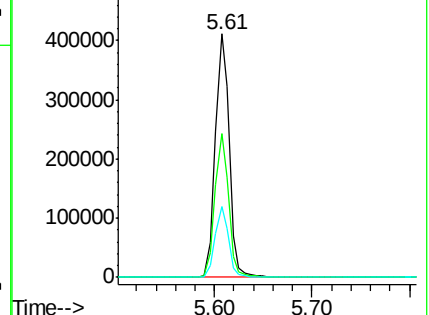
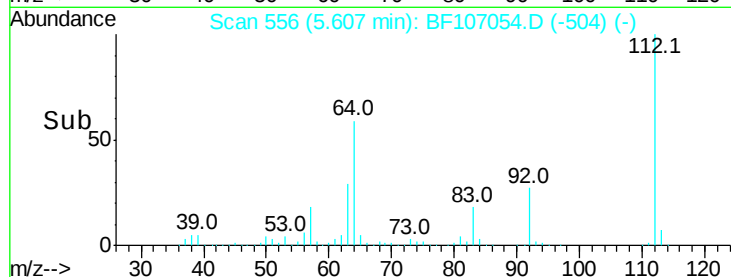
112 100

64 59.0 47.9 71.9

63 29.3 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: 26.556 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

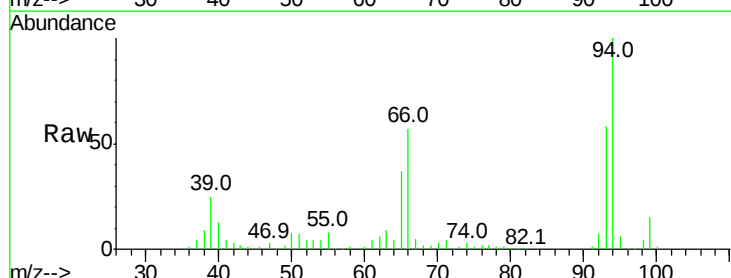
Tgt Ion: 93 Resp: 161665

Ion Ratio Lower Upper

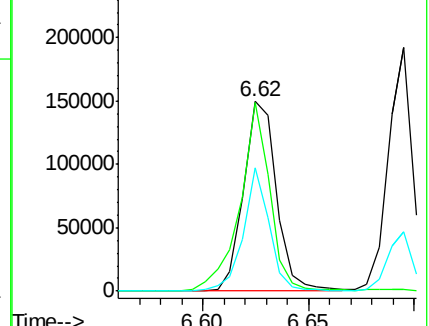
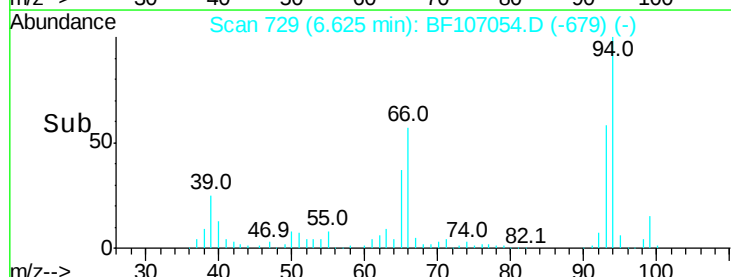
93 100

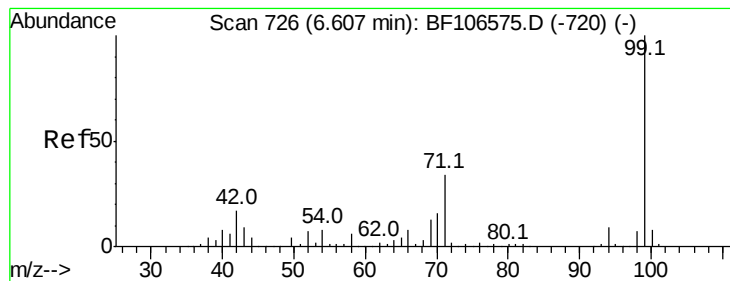
66 99.1 32.2 48.2#

65 64.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.546 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

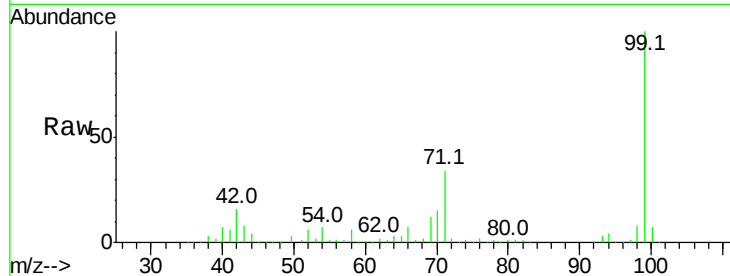
Tot Ion: 99 Resp: 496113

Ion Ratio Lower Upper

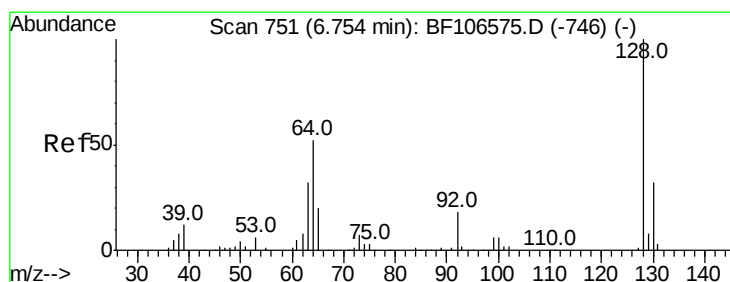
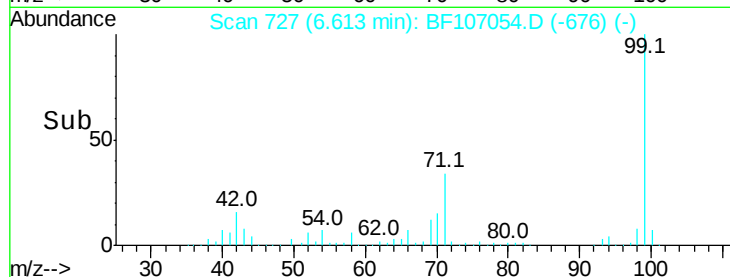
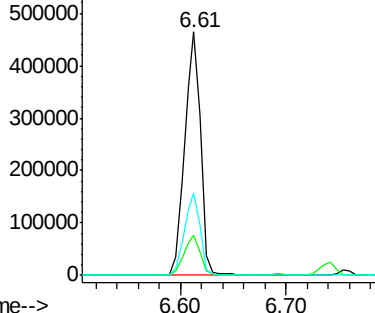
99 100

42 16.4 14.5 21.7

71 33.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.149 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

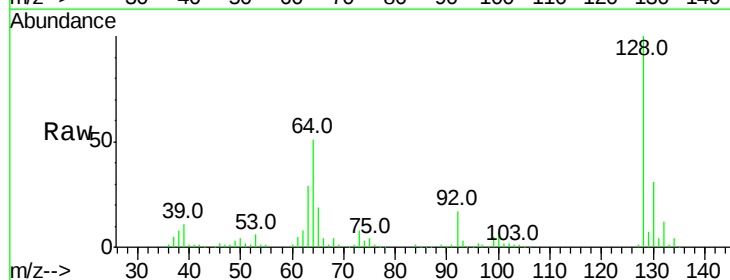
Tgt Ion:128 Resp: 154310

Ion Ratio Lower Upper

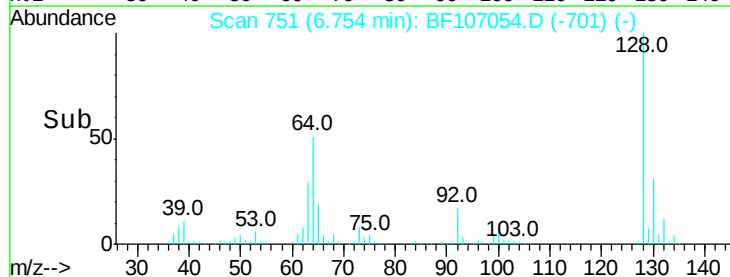
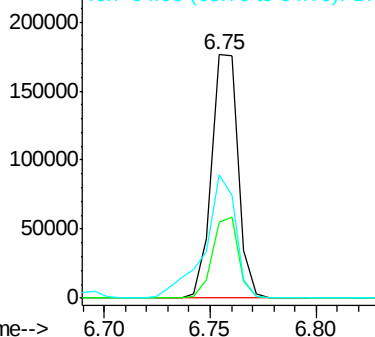
128 100

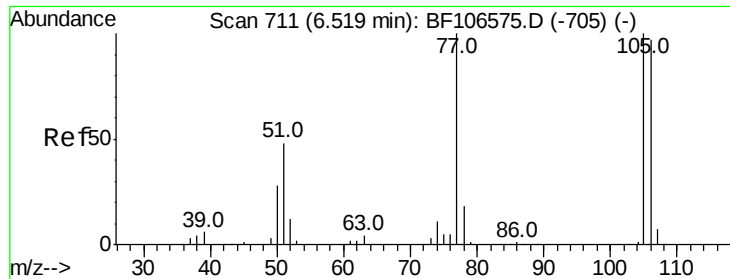
130 31.3 13.0 53.0

64 50.8 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: 27.027 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampled :

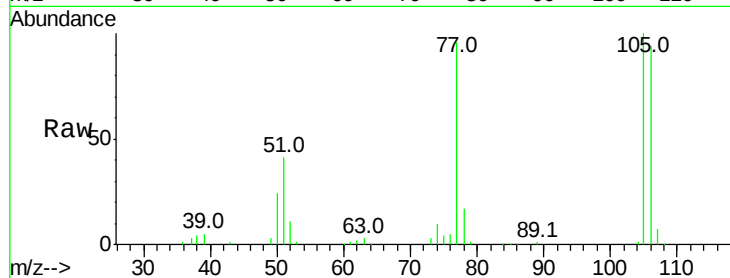
Tot Ion: 77 Resp: 90185

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

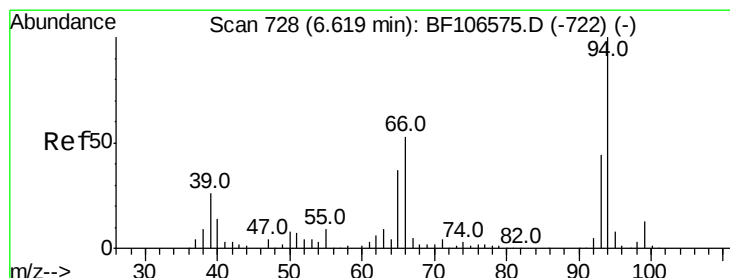
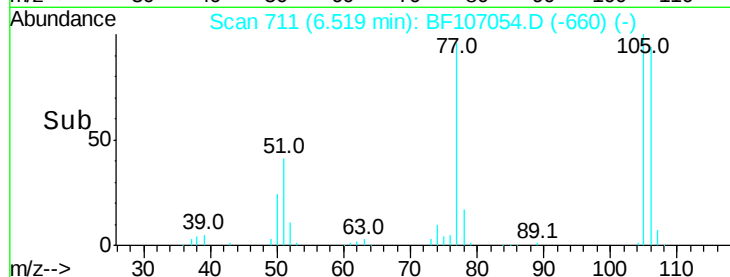
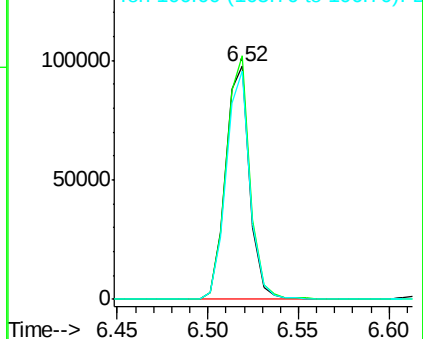
106 97.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.997 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

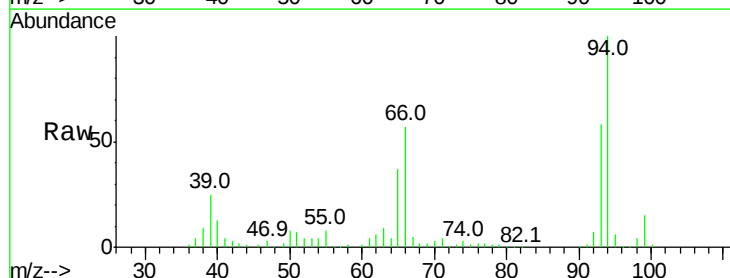
Tgt Ion: 94 Resp: 189489

Ion Ratio Lower Upper

94 100

65 37.3 7.9 47.9

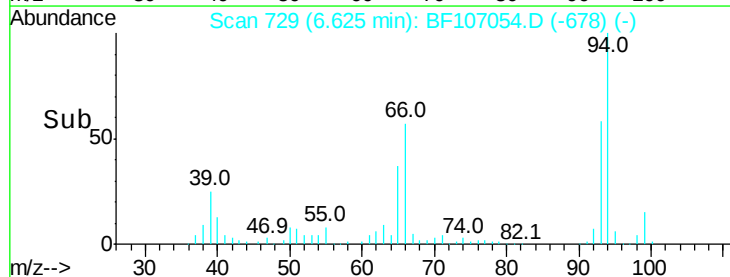
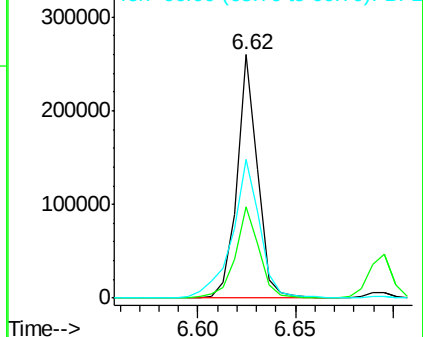
66 57.1 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

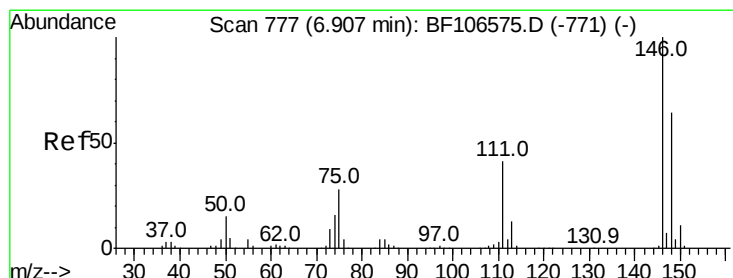
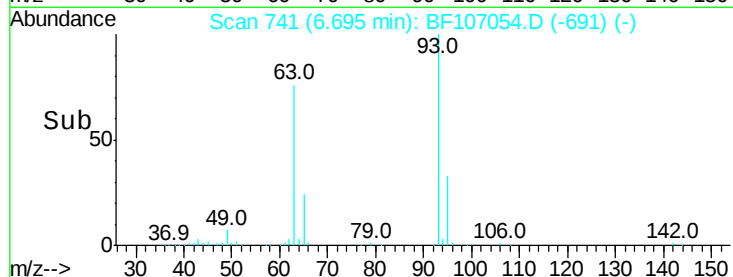
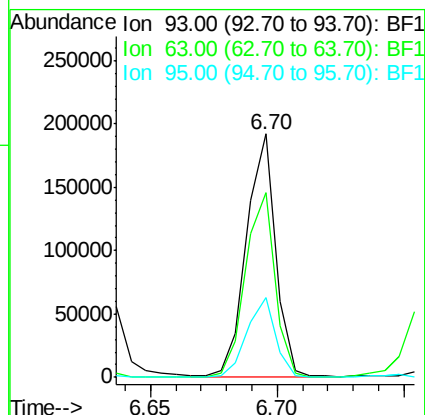
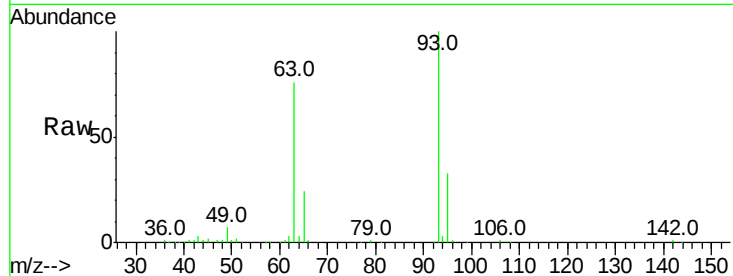




#11
bis(2-Chloroethyl)ether
Concen: 36.433 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

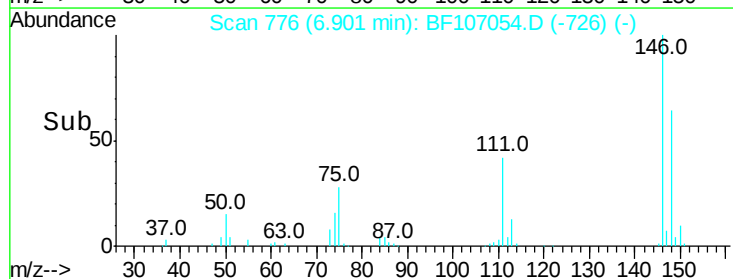
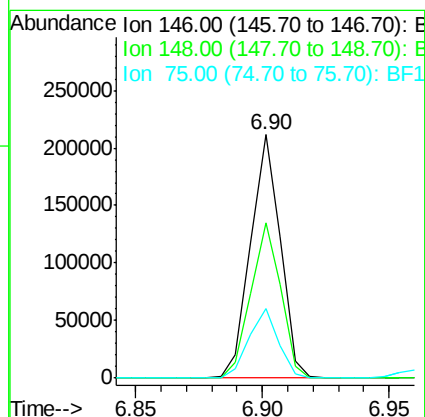
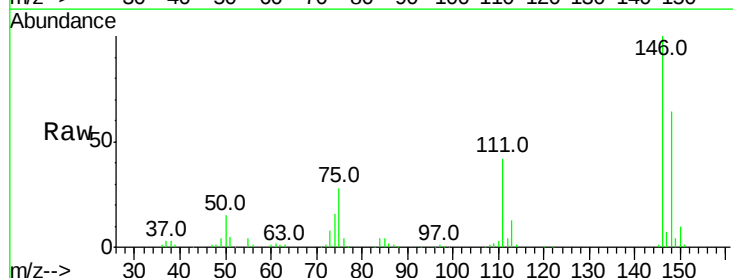
Instrument :
BNA_F
ClientSampleId :

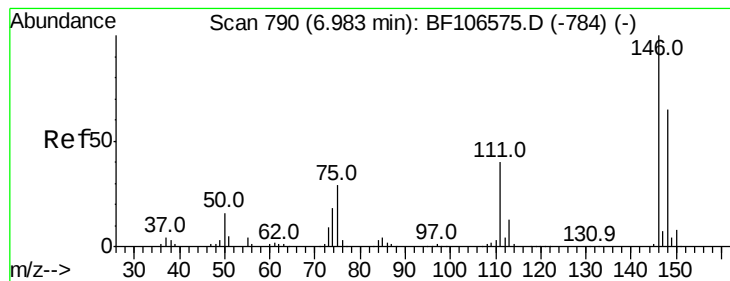
Tot Ion: 93 Resp: 154048
Ion Ratio Lower Upper
93 100
63 75.8 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.549 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion: 146 Resp: 173347
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 28.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.404 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampled :

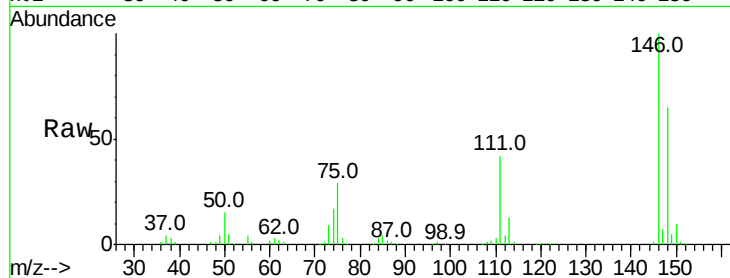
Tot Ion:146 Resp: 174576

Ion Ratio Lower Upper

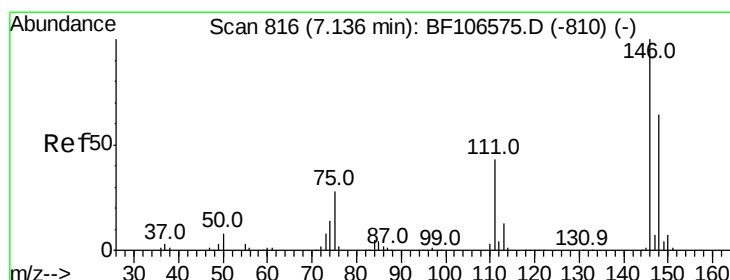
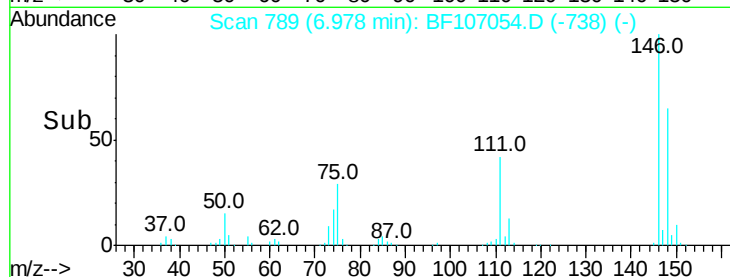
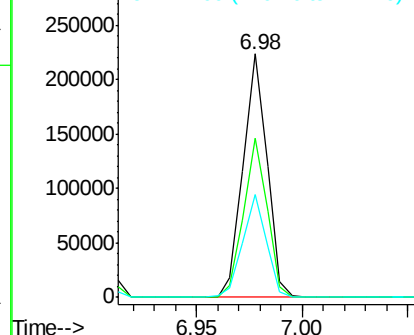
146 100

148 65.3 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: 38.630 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

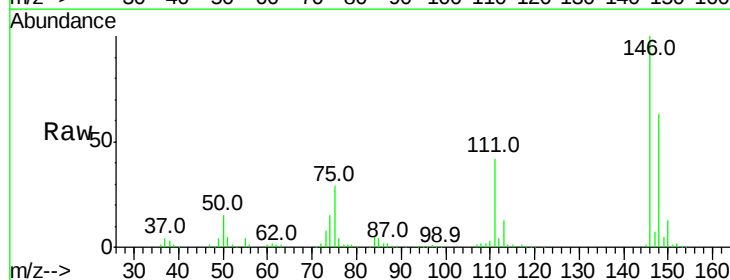
Tgt Ion:146 Resp: 165238

Ion Ratio Lower Upper

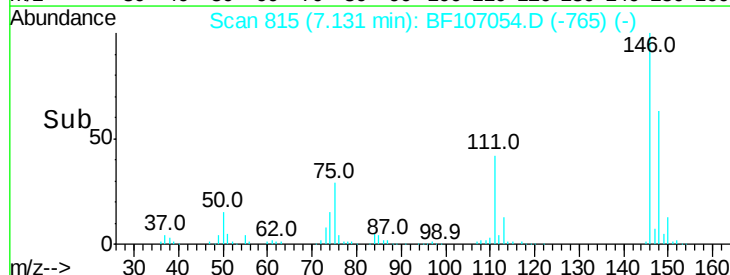
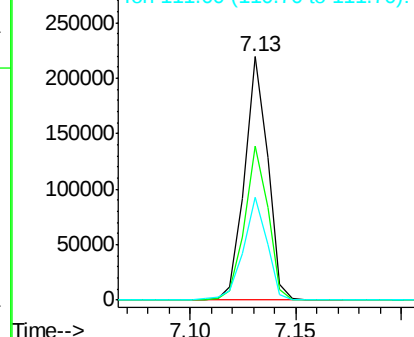
146 100

148 63.3 50.6 75.8

111 42.3 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

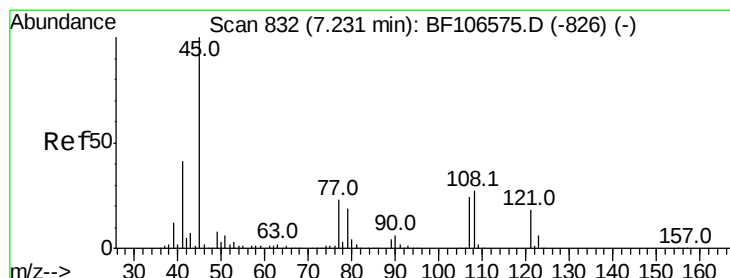
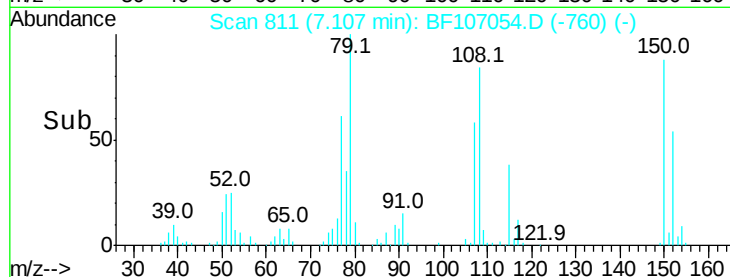
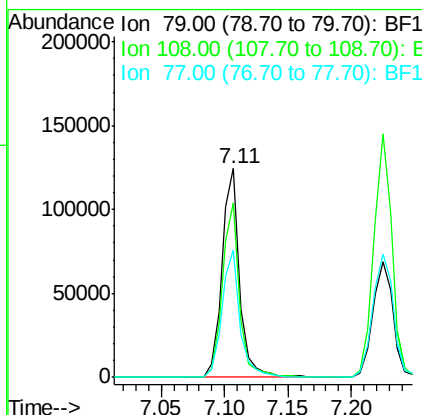
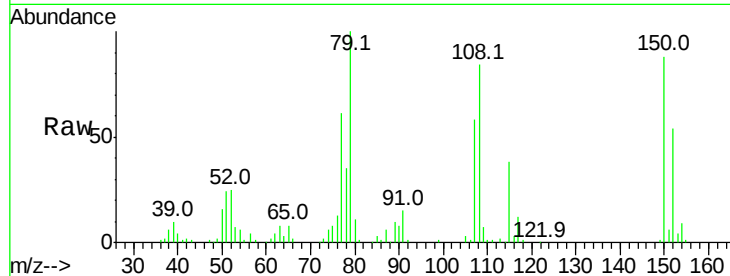




#15
Benzyl Alcohol
Concen: 33.546 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

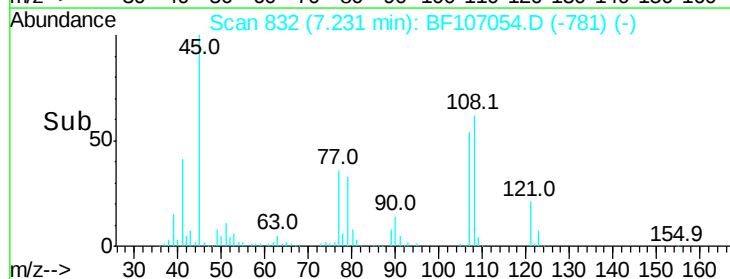
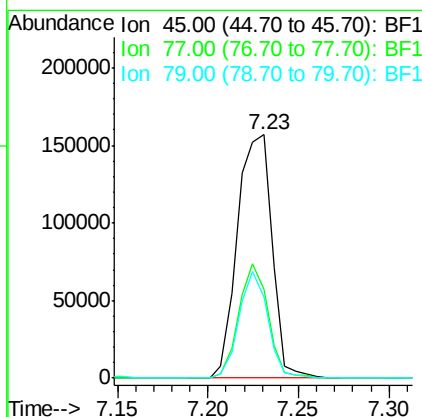
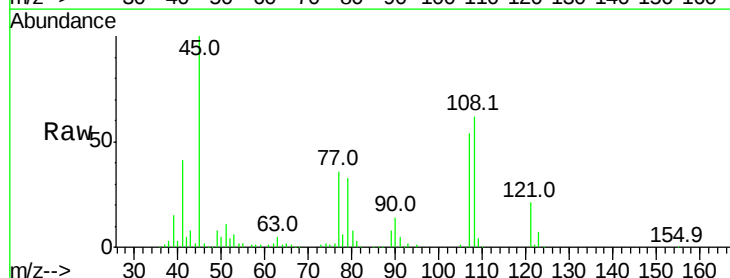
Instrument :
BNA_F
ClientSampled :

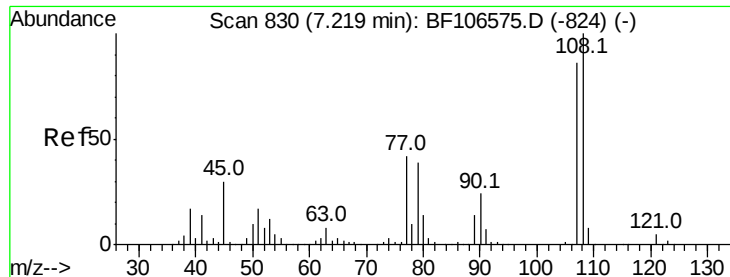
Tot Ion: 79 Resp: 120884
Ion Ratio Lower Upper
79 100
108 83.9 65.1 97.7
77 61.2 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.593 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion: 45 Resp: 208551
Ion Ratio Lower Upper
45 100
77 36.5 0.0 32.9#
79 33.1 0.0 29.6#

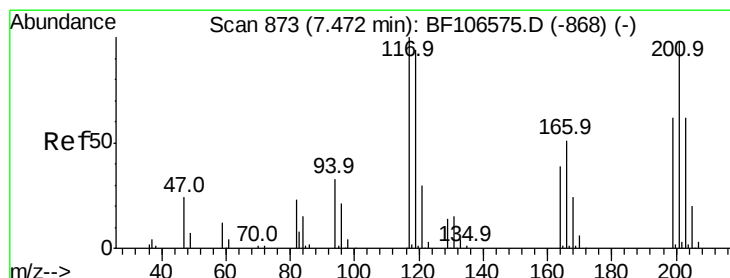
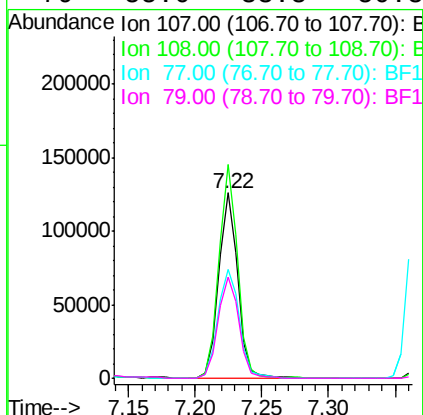
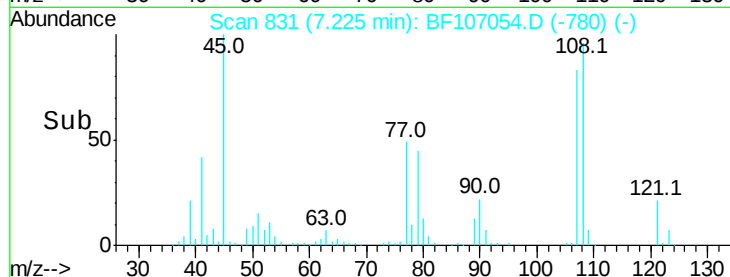
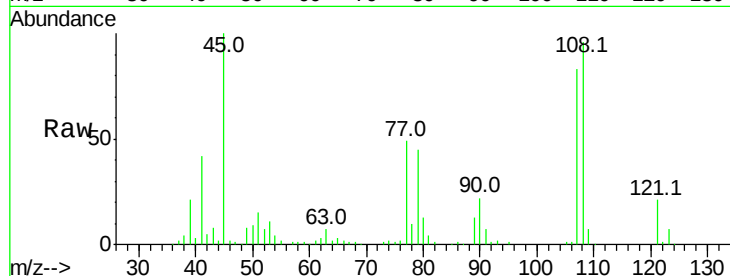




#17
2-Methylphenol
Concen: 37.889 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

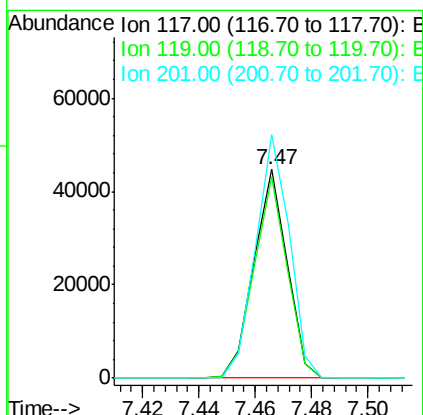
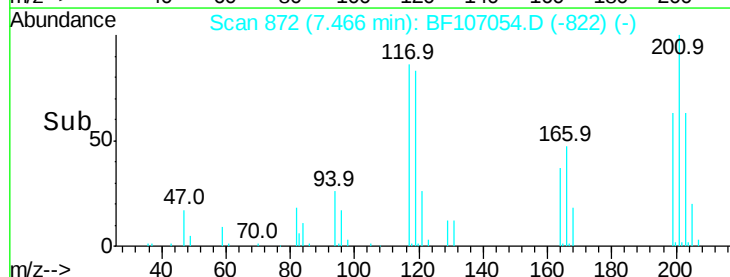
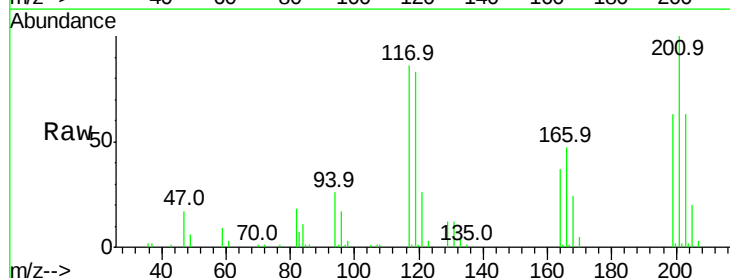
Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 127806
Ion Ratio Lower Upper
107 100
108 115.5 91.7 137.5
77 58.7 33.8 50.8#
79 55.0 33.8 50.8#



#18
Hexachloroethane
Concen: 22.368 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:117 Resp: 36713
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 116.5 75.7 113.5#

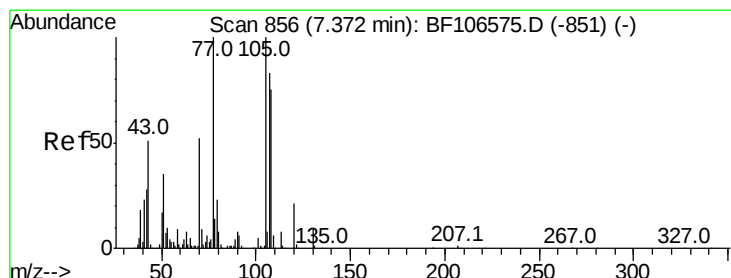
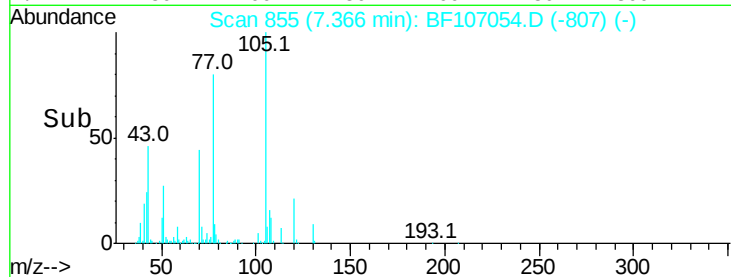
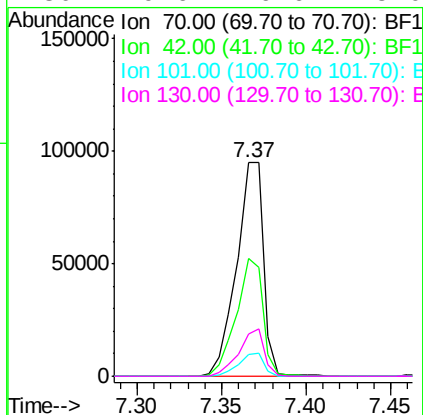
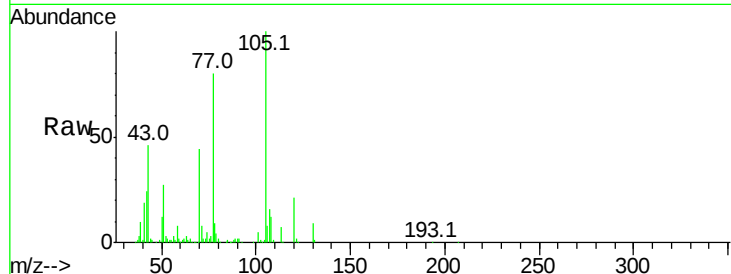




#19
n-Nitroso-di-n-propylamine
Concen: 35.888 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

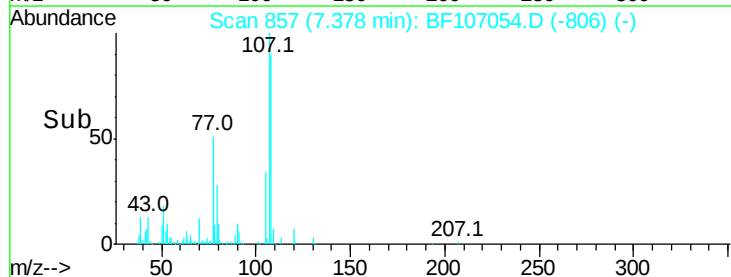
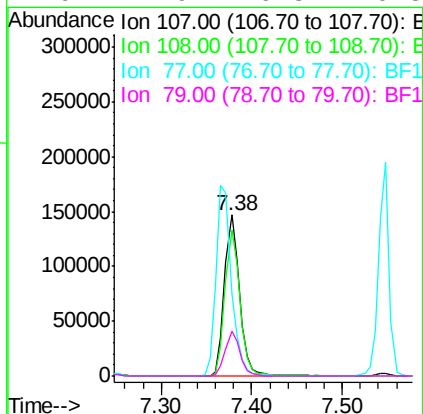
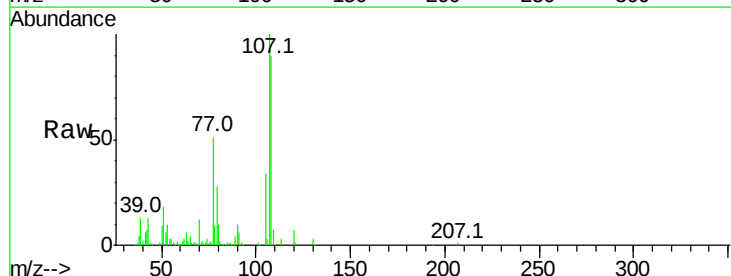
Instrument :
BNA_F
ClientSampled :

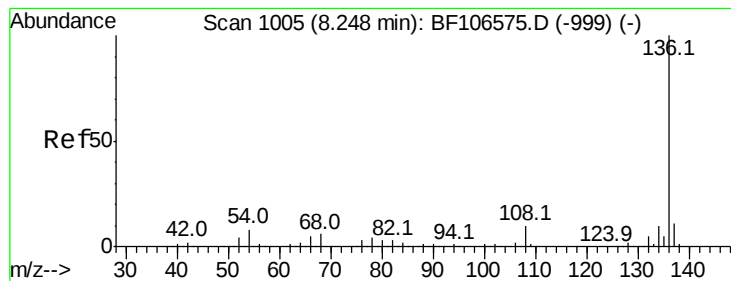
Tot Ion:	70	Resp:	106167
Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	10.4	7.4	11.2
130	19.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.108 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:	107	Resp:	169282
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	51.0	26.7	66.7
79	27.9	6.3	46.3

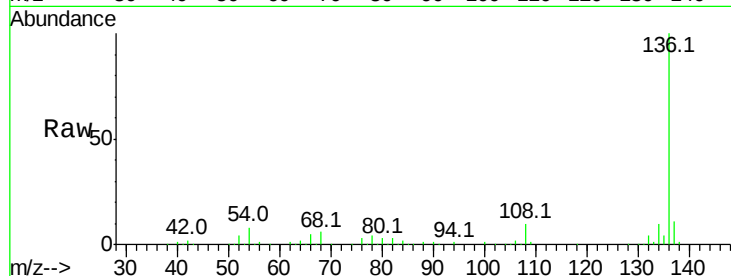




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	220935
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.1	6.6 9.8
68	6.3	5.0 7.4

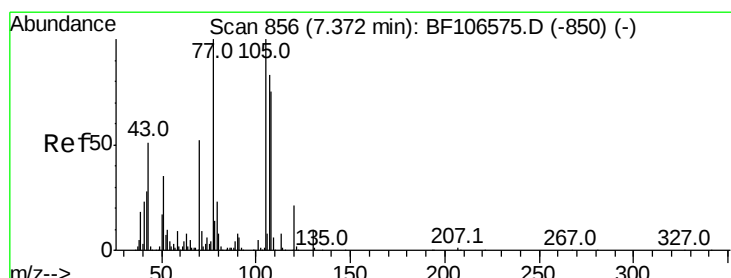
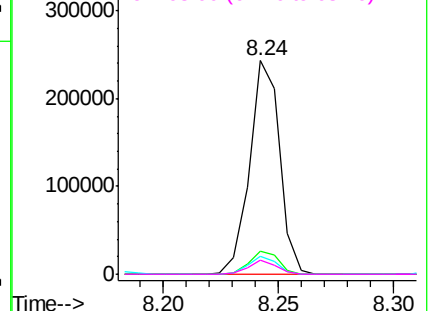
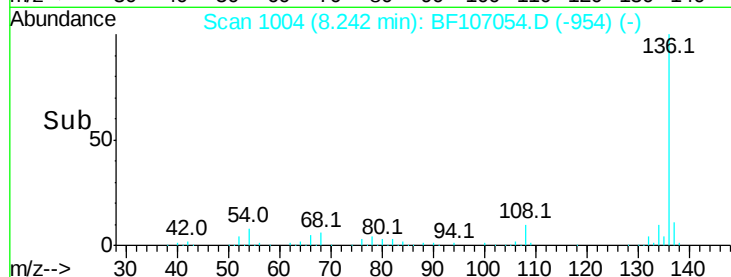


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

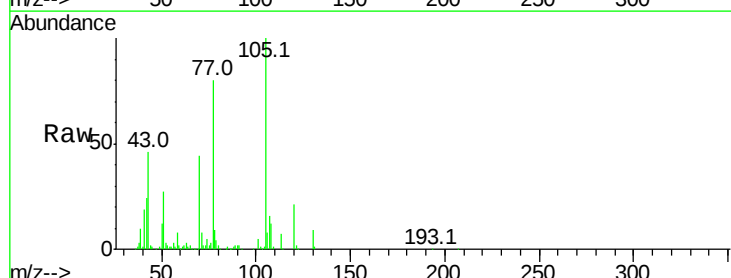
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.977 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:105	Resp:	212430
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	27.2	22.3 33.5
120	21.0	16.9 25.3

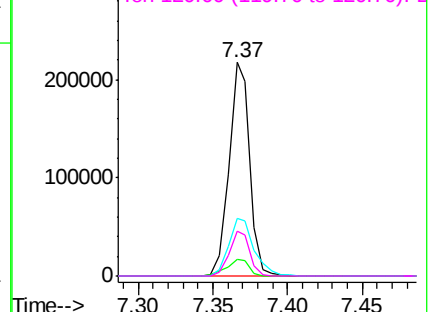
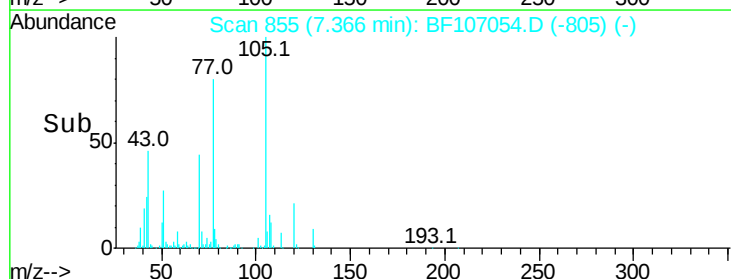


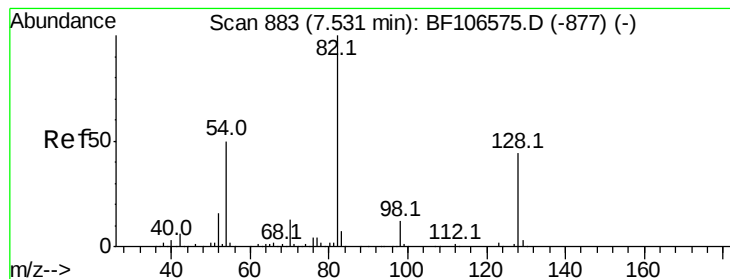
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.923 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

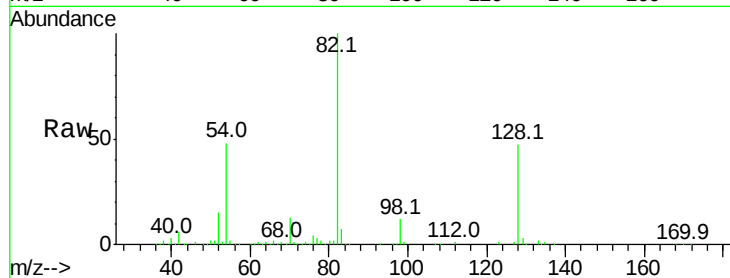
Tot Ion: 82 Resp: 301837

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	47.6	41.4	62.2

82 100

128 46.9 36.1 54.1

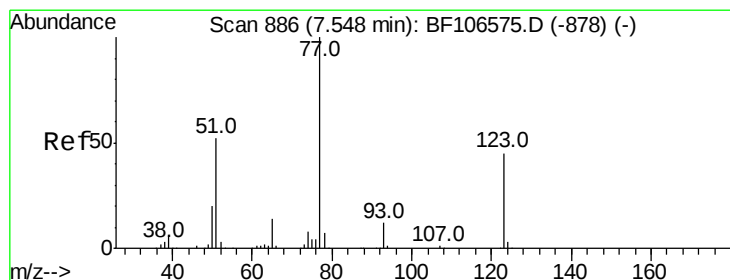
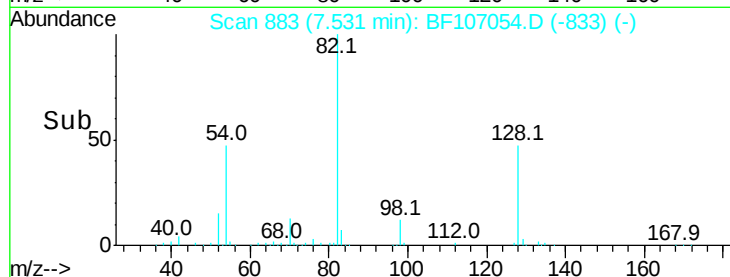
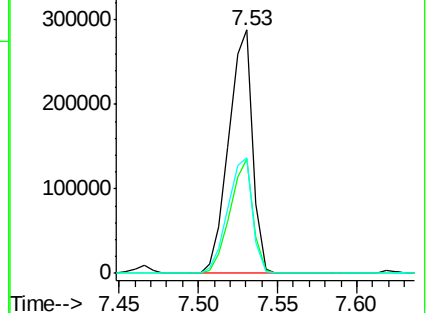
54 47.6 41.4 62.2



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: 38.740 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

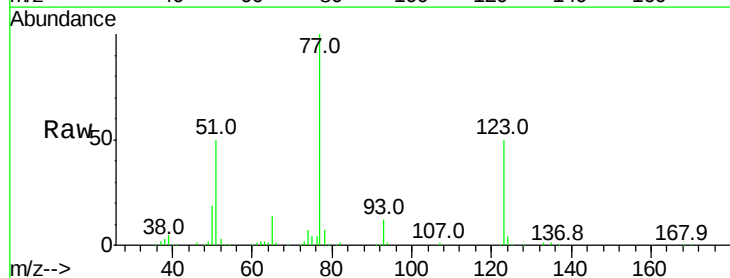
Tgt Ion: 77 Resp: 157242

Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.9	56.9
65	13.6	11.0	16.4

77 100

123 50.1 37.9 56.9

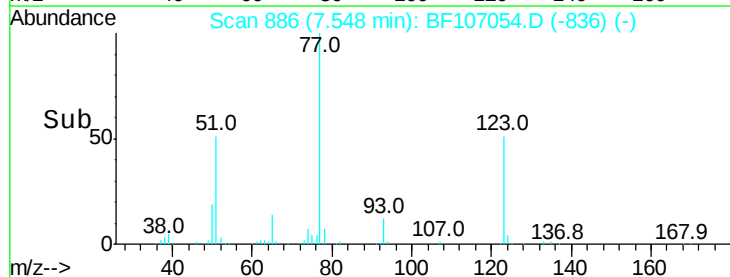
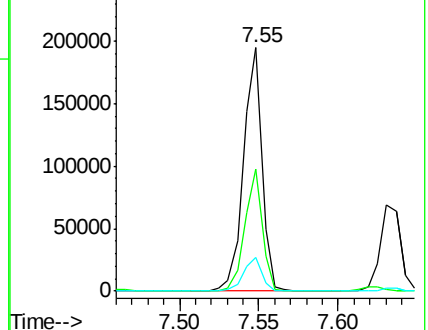
65 13.6 11.0 16.4

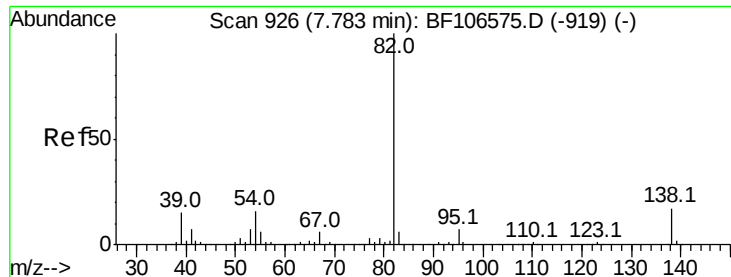


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.654 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

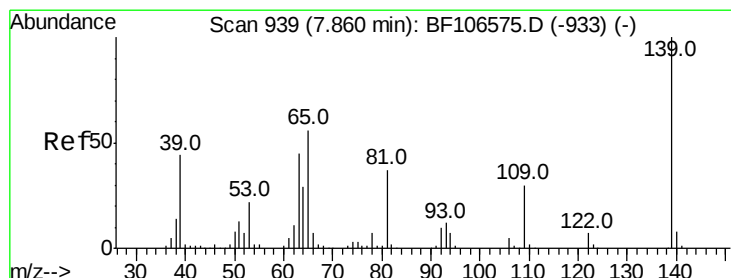
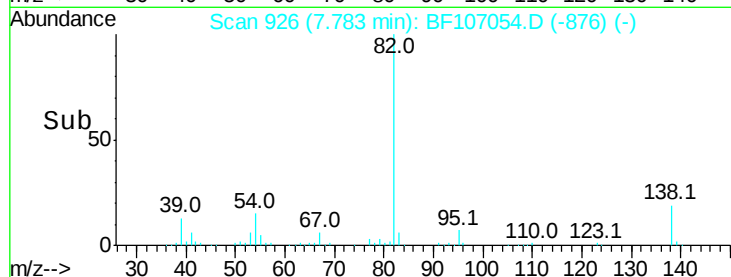
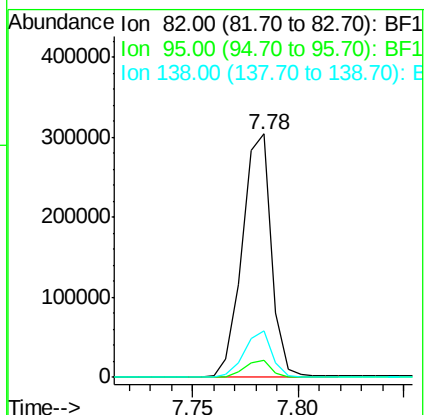
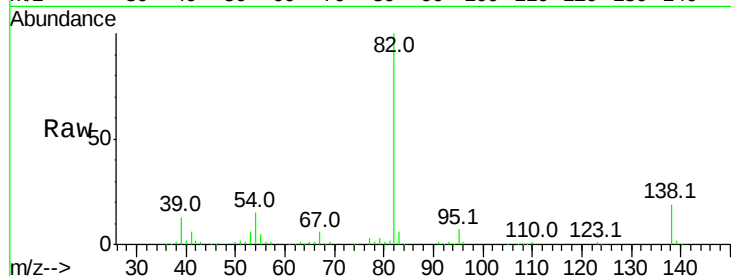
Tot Ion: 82 Resp: 291808

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.2 14.9 22.3



#26

2-Nitrophenol

Concen: 22.431 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

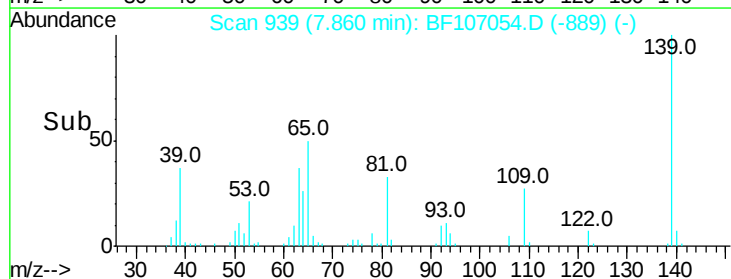
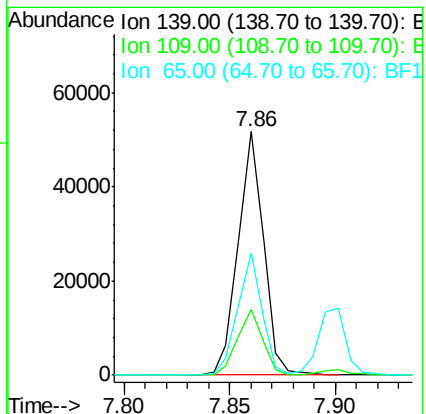
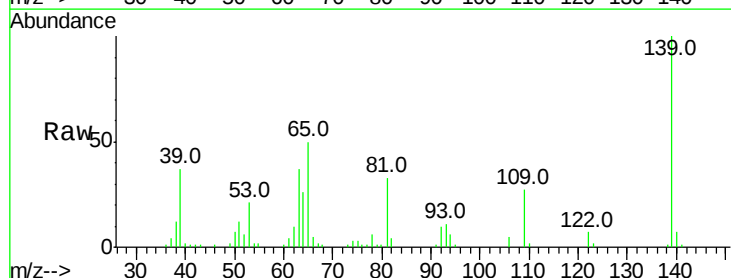
Tgt Ion: 139 Resp: 42980

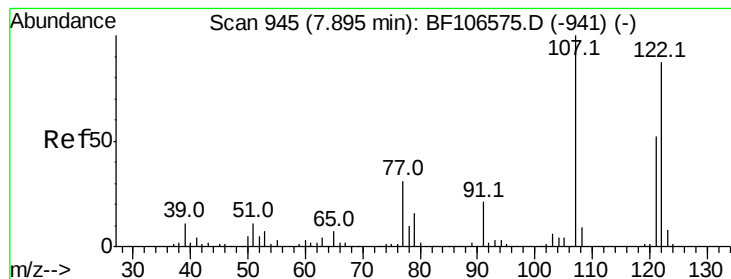
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 50.2 40.5 60.7

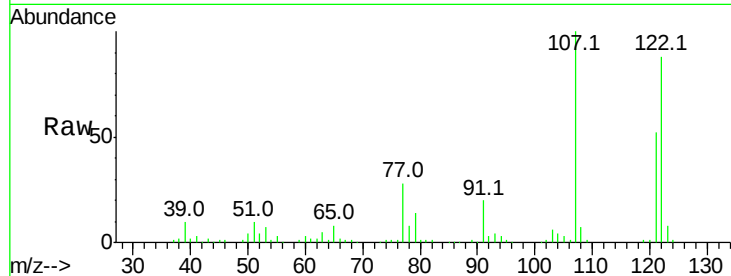




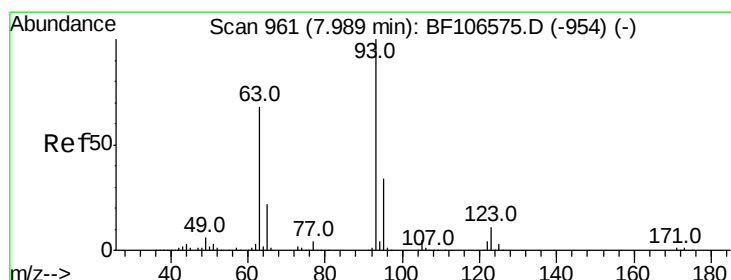
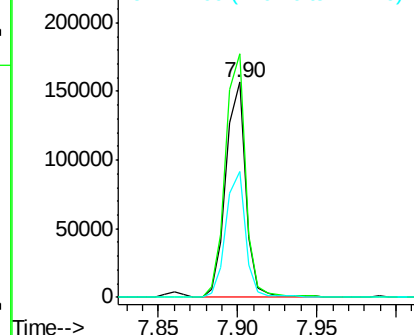
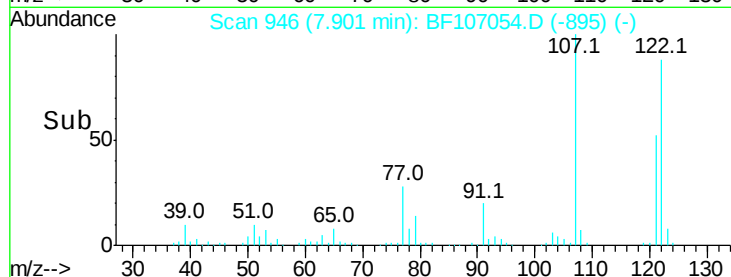
#27
 2,4-Dimethylphenol
 Concen: 46.544 ng
 RT: 7.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 137844
 Ion Ratio Lower Upper
 122 100
 107 113.3 91.2 136.8
 121 58.8 47.2 70.8

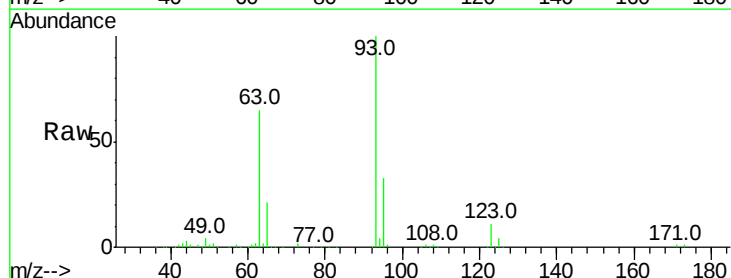


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

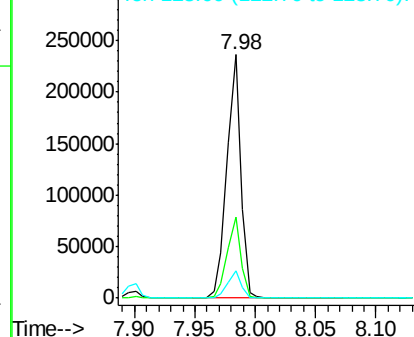
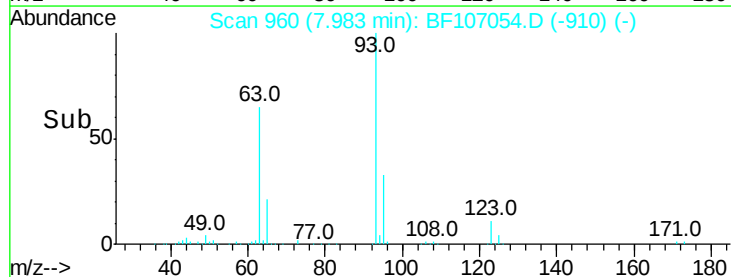


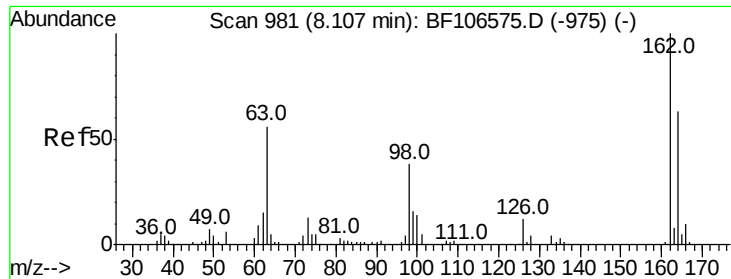
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.417 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion: 93 Resp: 190109
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

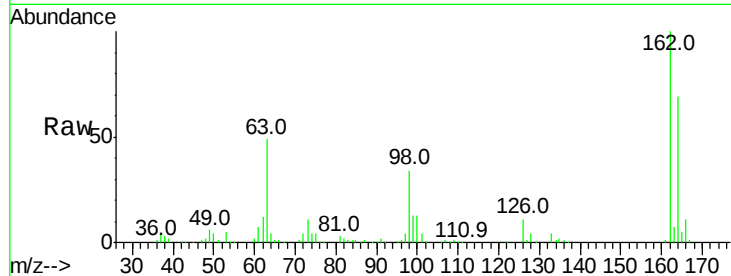




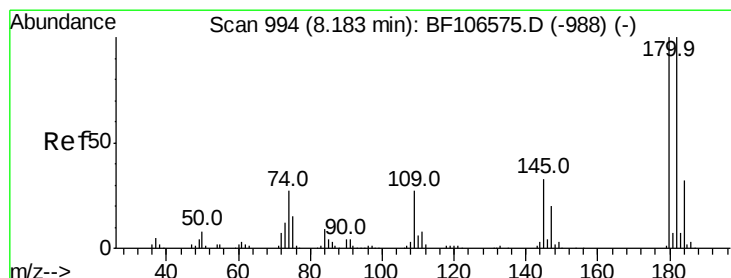
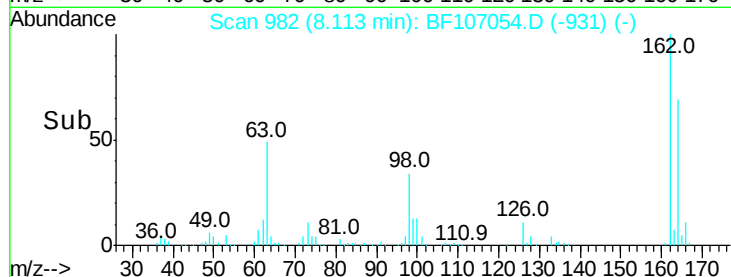
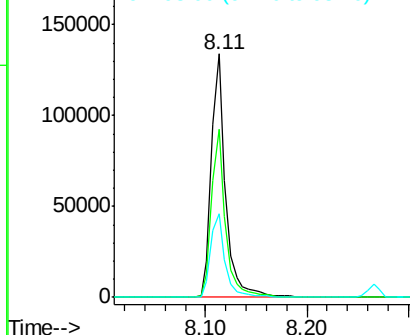
#29
 2,4-Dichlorophenol
 Concen: 42.525 ng
 RT: 8.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.0	42.7	82.7
98	34.2	18.1	58.1

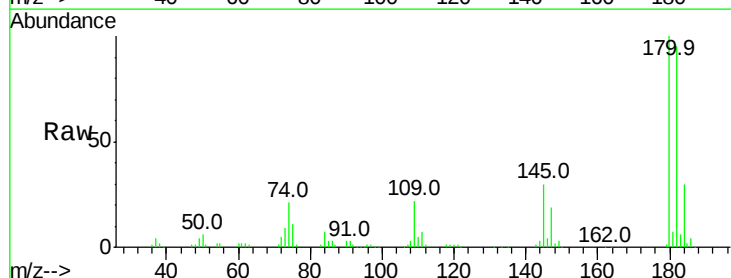


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

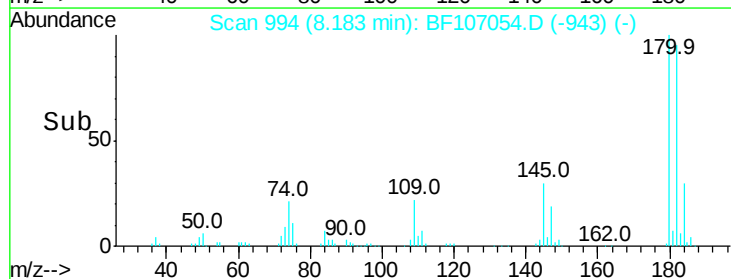
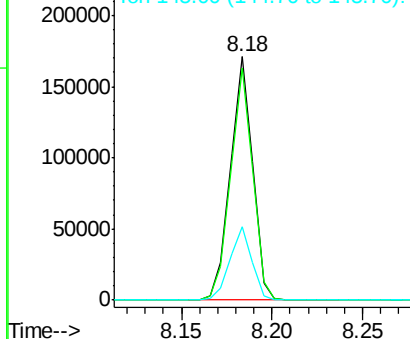


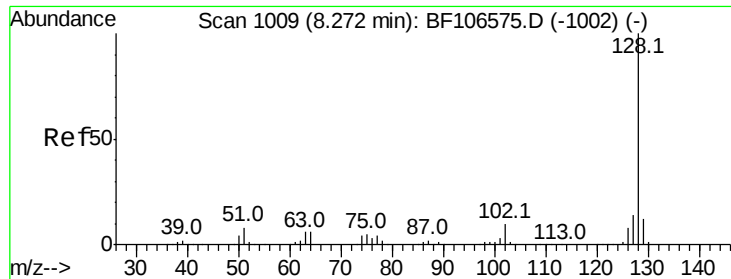
#30
 1,2,4-Trichlorobenzene
 Concen: 42.972 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	30.2	26.5	39.7



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

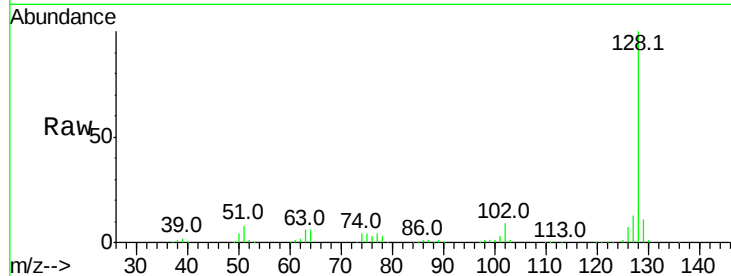




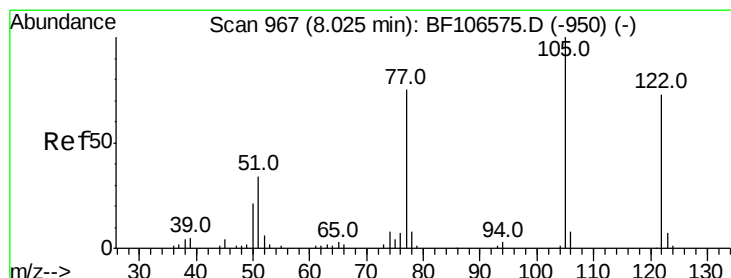
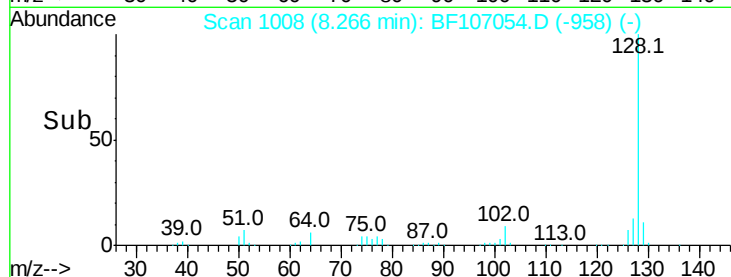
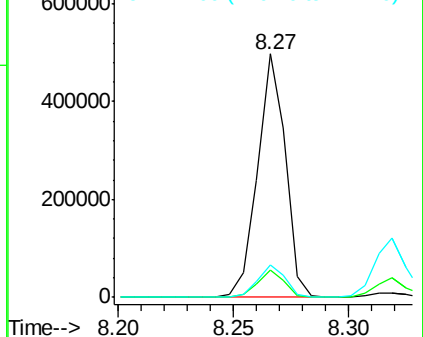
#31
Naphthalene
Concen: 40.615 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 419524
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

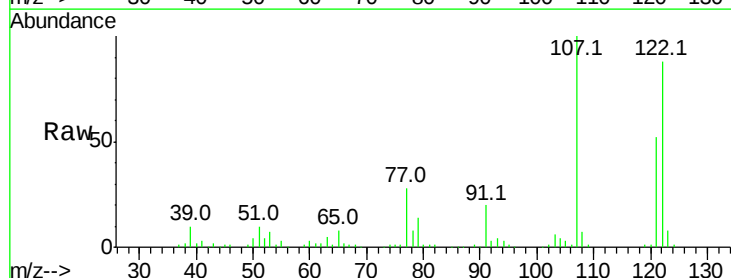


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

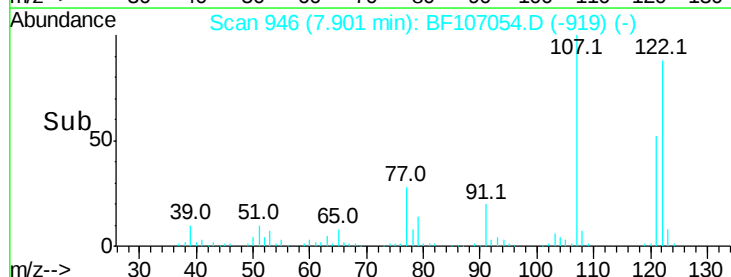
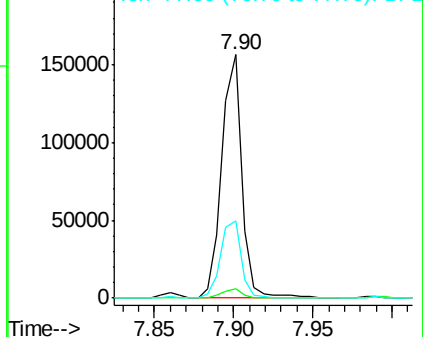


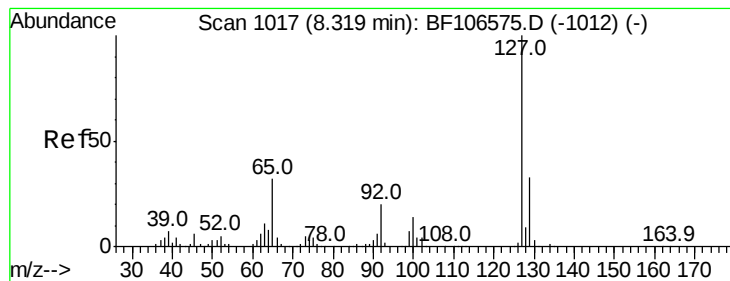
#32
Benzoic acid
Concen: 62.079 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.14 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:122 Resp: 137844
Ion Ratio Lower Upper
122 100
105 3.7 101.1 141.1#
77 31.7 70.7 110.7#



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





#33

4-Chloroaniline

Concen: 28.382 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 123011

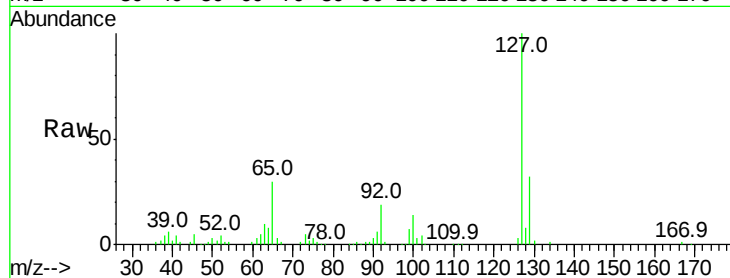
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 30.0 25.0 37.4

92 19.4 15.2 22.8

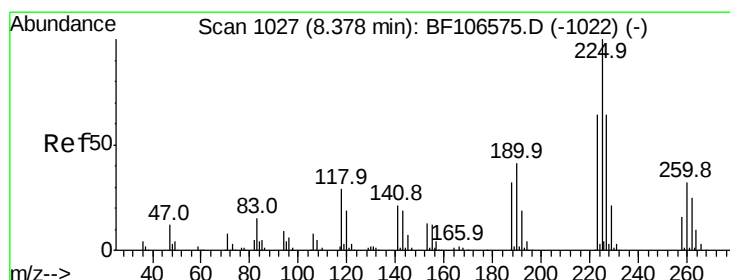
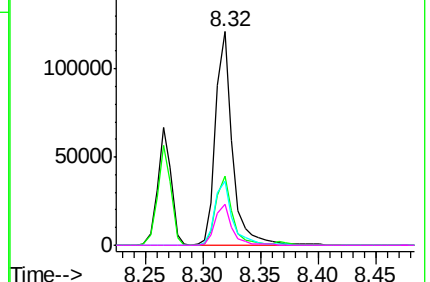
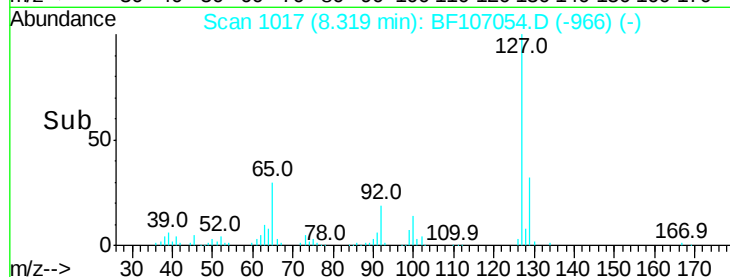


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.112 ng

RT: 8.37 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

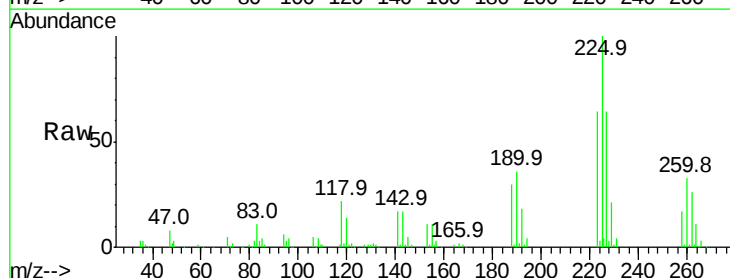
Tgt Ion:225 Resp: 95950

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

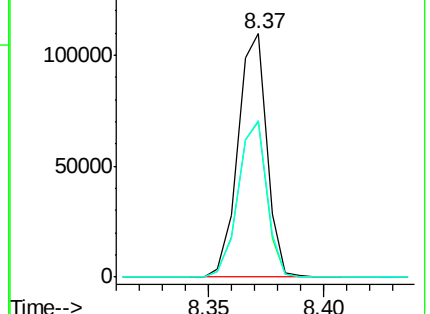
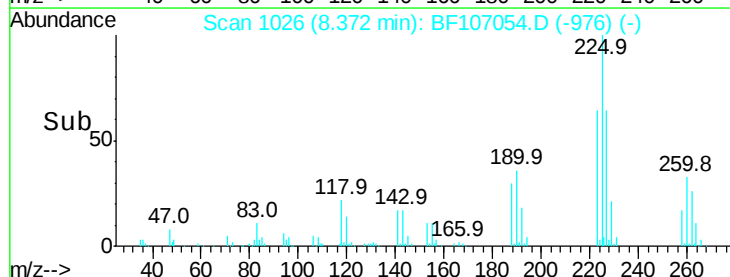
227 64.5 51.9 77.9



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: 37.866 ng

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampled :

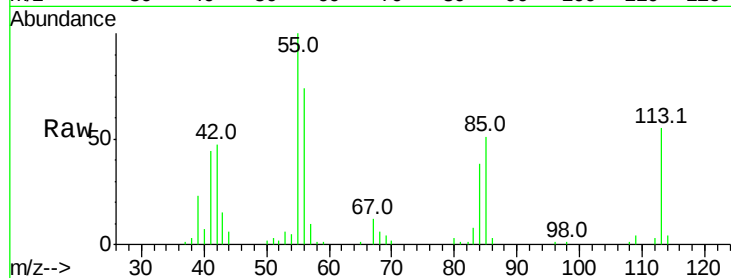
Tot Ion:113 Resp: 38271

Ion Ratio Lower Upper

113 100

55 181.1 163.3 203.3

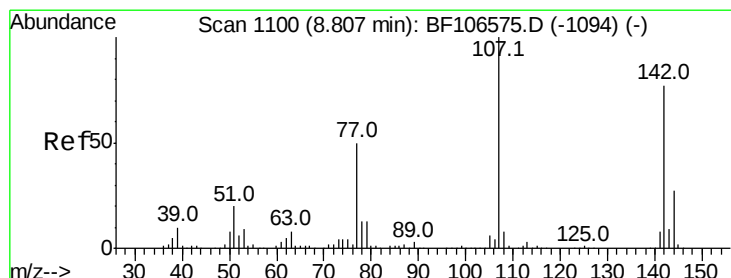
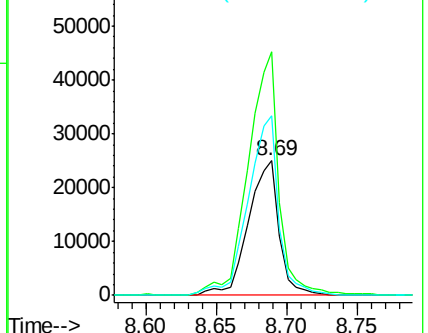
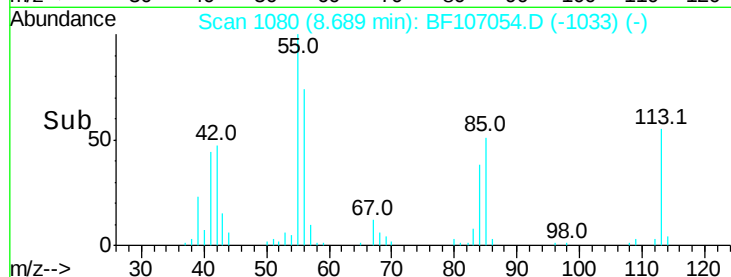
56 133.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.412 ng

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

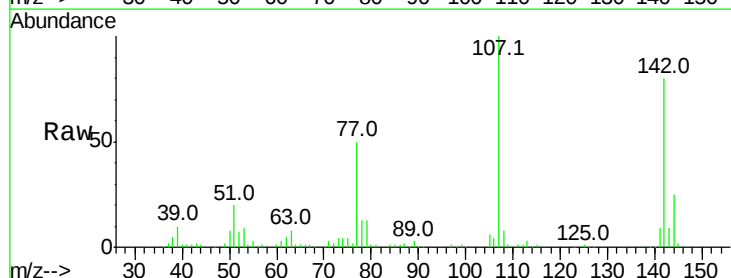
Tgt Ion:107 Resp: 128624

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

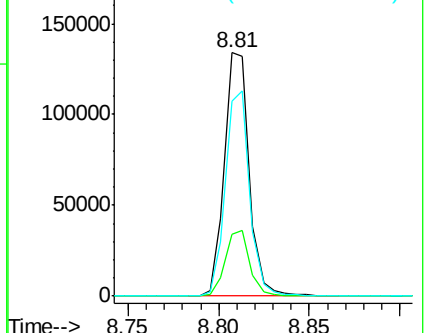
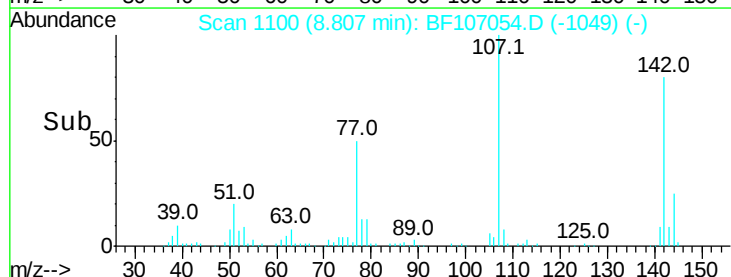
142 80.3 62.0 93.0

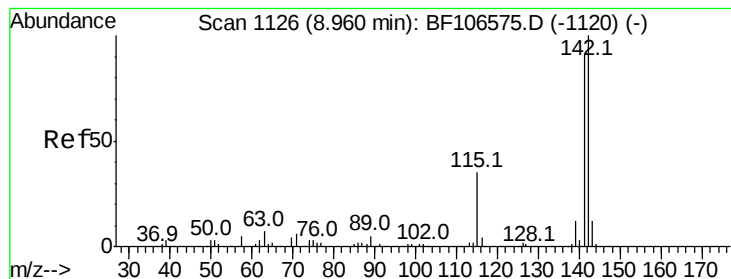


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.064 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

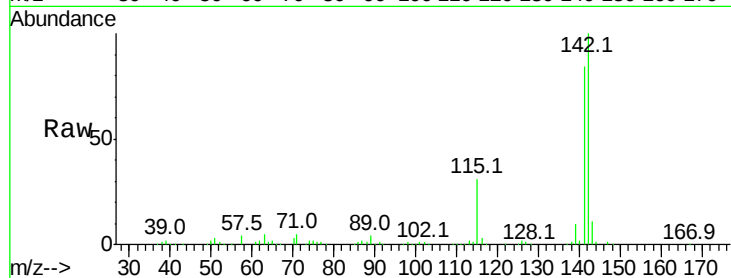
Tot Ion:142 Resp: 301686

Ion Ratio Lower Upper

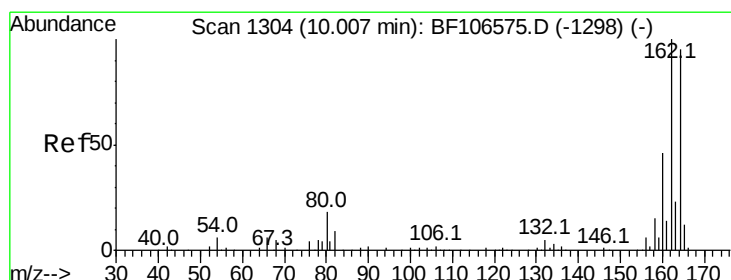
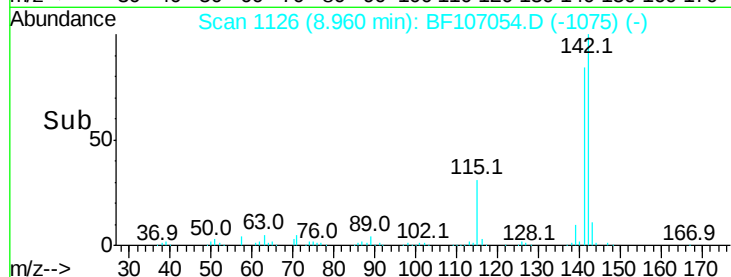
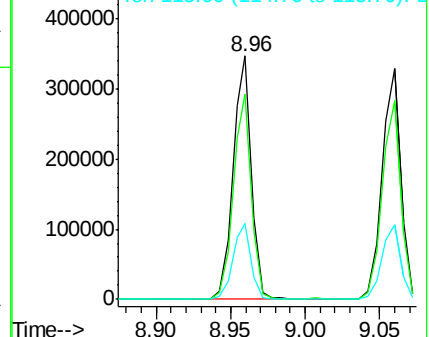
142 100

141 84.1 70.8 106.2

115 31.0 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

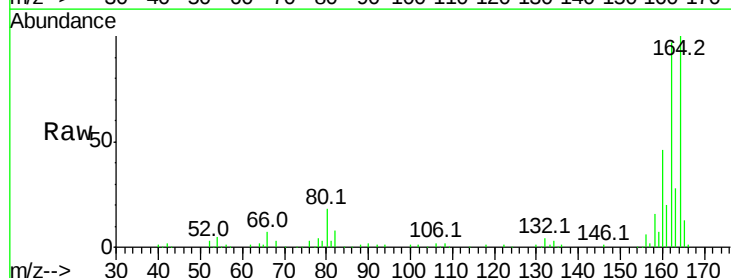
Tgt Ion:164 Resp: 99756

Ion Ratio Lower Upper

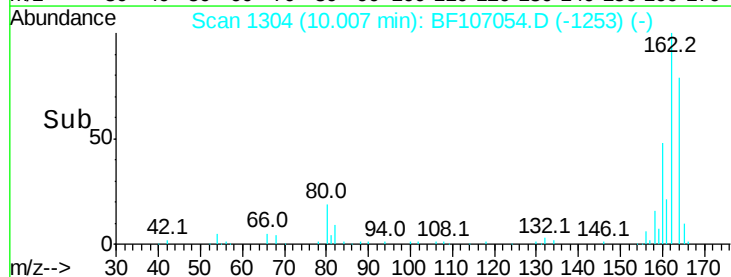
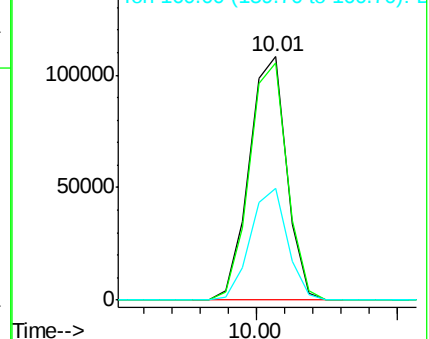
164 100

162 97.2 86.1 129.1

160 45.7 38.3 57.5



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

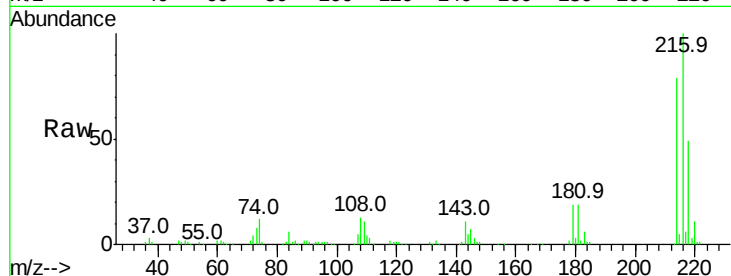




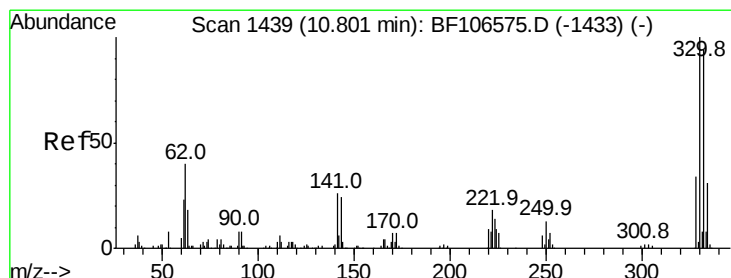
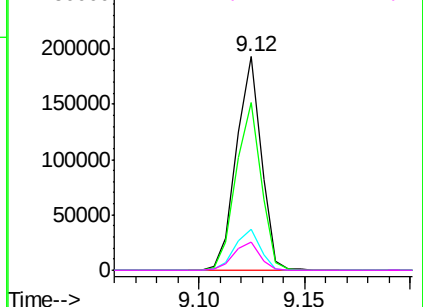
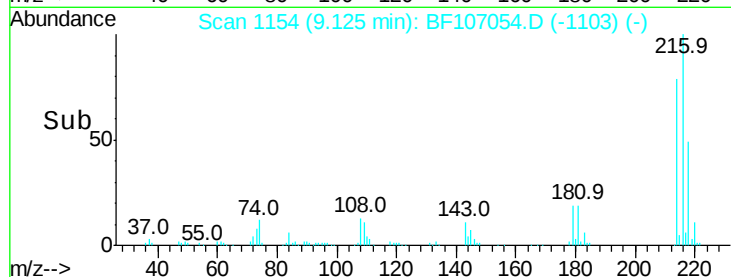
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.687 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 156842
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.0 94.4
 179 19.7 18.1 27.1
 108 13.5 17.2 25.8#

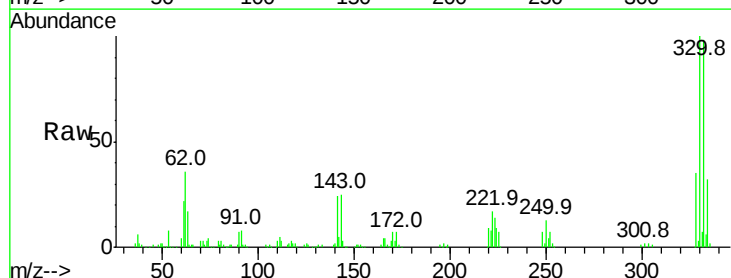


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

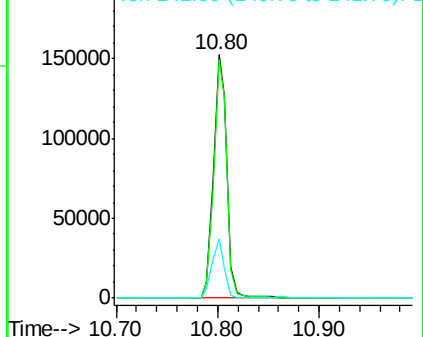
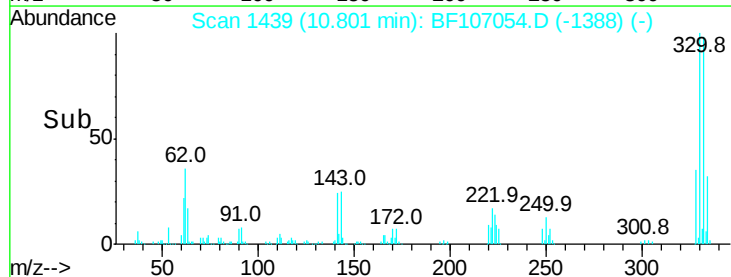


#41
 2,4,6-Tribromophenol
 Concen: 120.350 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion:330 Resp: 139149
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 22.6 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

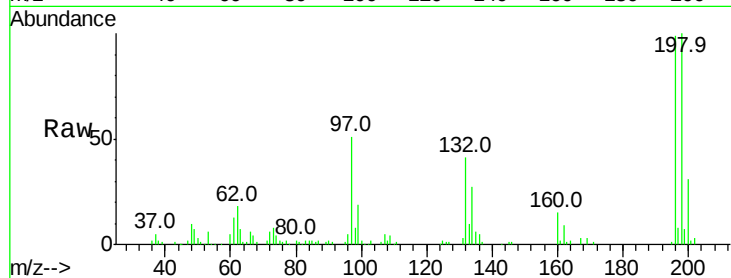




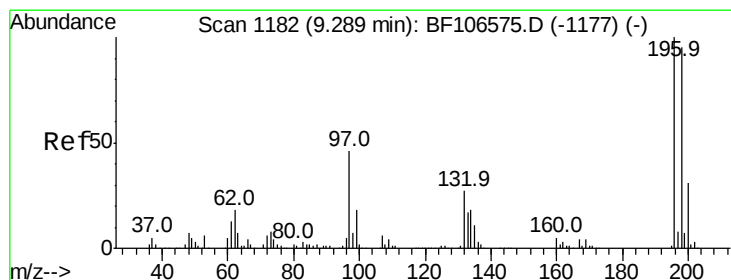
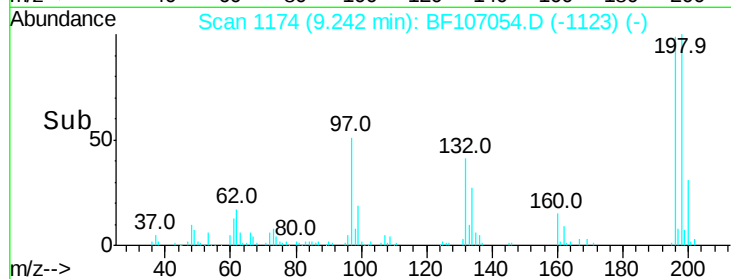
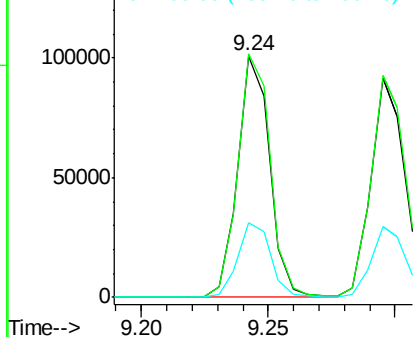
#42
 2,4,6-Trichlorophenol
 Concen: 39.698 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 88650
 Ion Ratio Lower Upper
 196 100
 198 100.9 75.7 113.5
 200 31.0 24.5 36.7

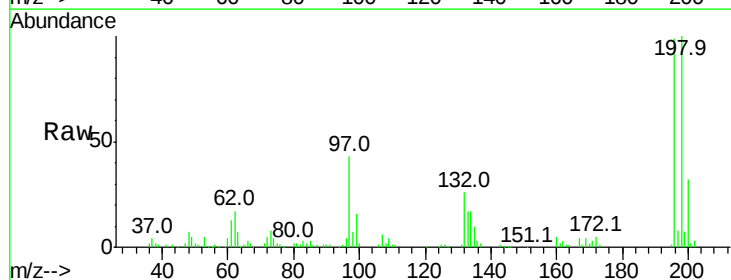


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

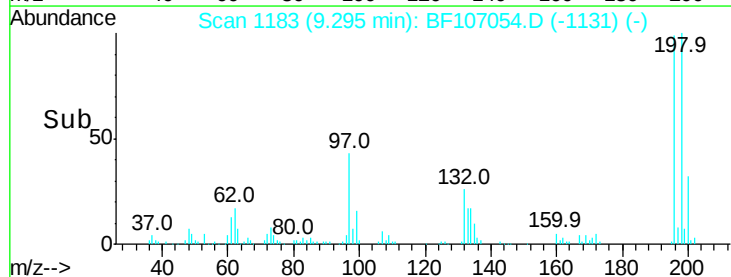
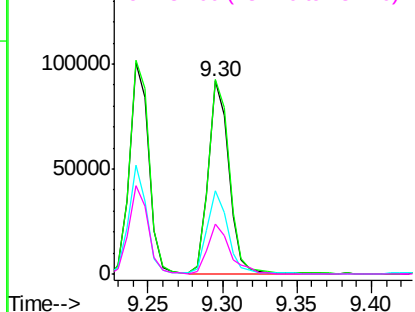


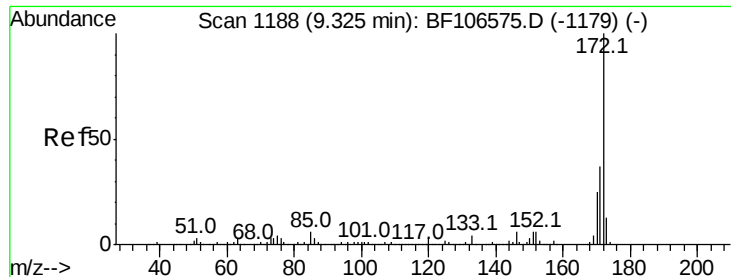
#43
 2,4,5-Trichlorophenol
 Concen: 38.035 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion:196 Resp: 88627
 Ion Ratio Lower Upper
 196 100
 198 101.2 74.6 112.0
 97 43.4 42.9 64.3
 132 26.2 26.3 39.5#



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

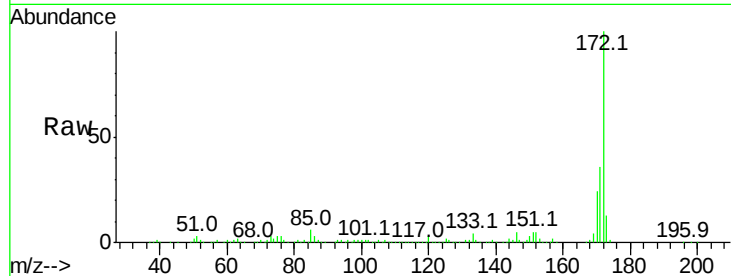




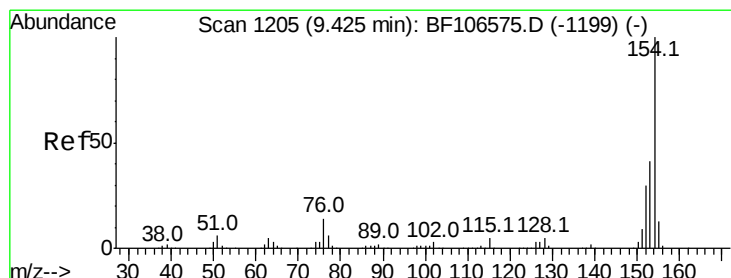
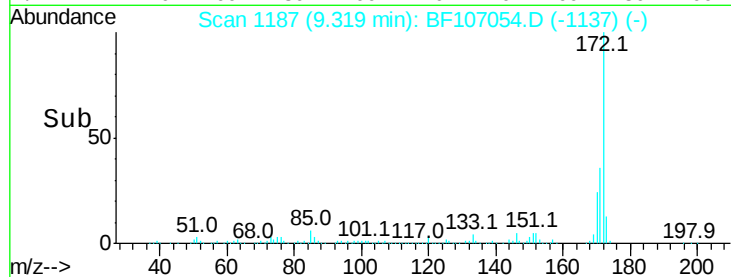
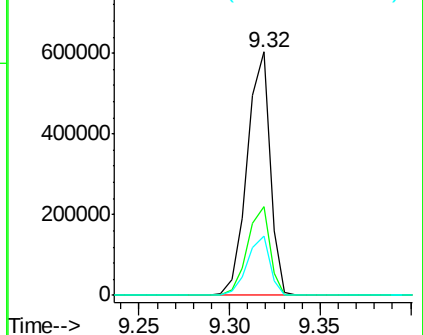
#44
2-Fluorobiphenyl
Concen: 90.982 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 530089
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.1 19.6 29.4

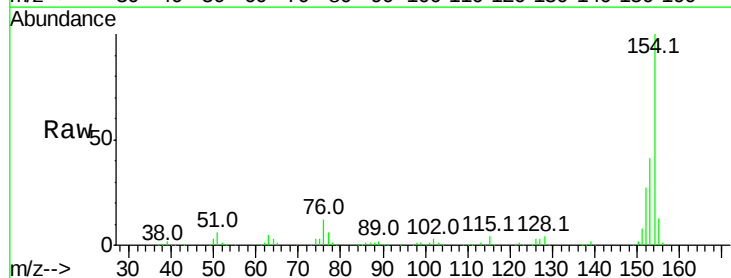


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

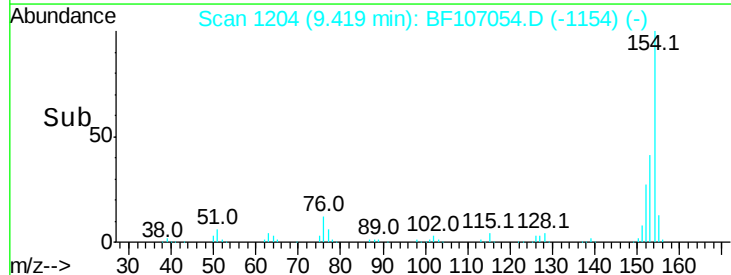
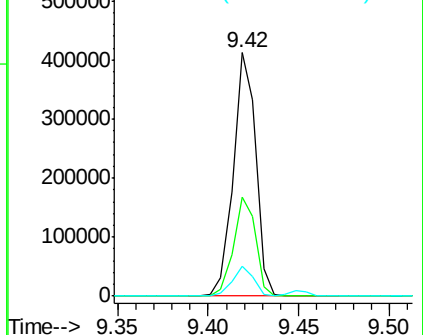


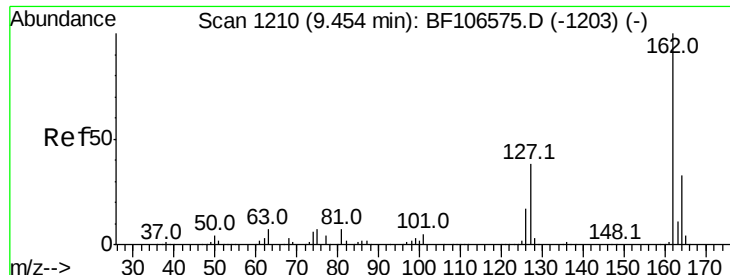
#45
1,1'-Biphenyl
Concen: 44.561 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:154 Resp: 354266
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 12.3 0.0 34.0



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

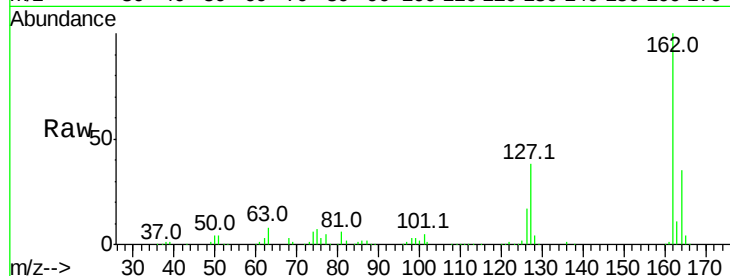




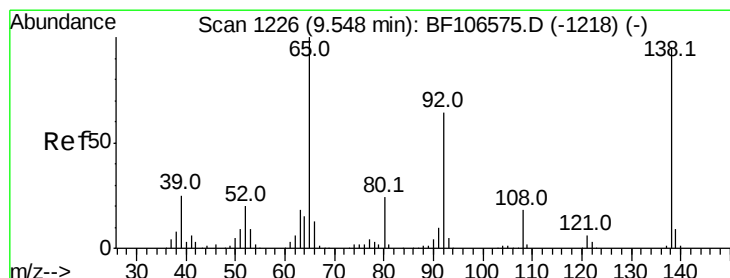
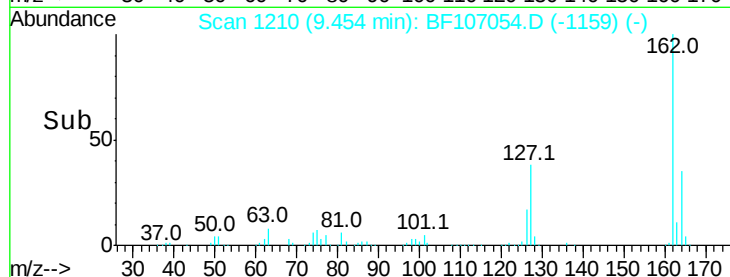
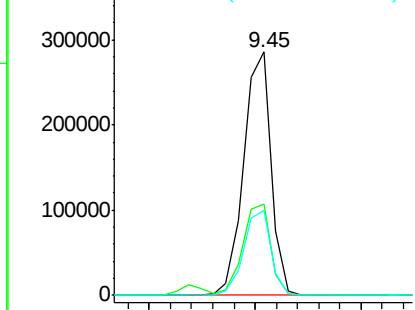
#46
 2-Chloronaphthalene
 Concen: 40.942 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 256211
 Ion Ratio Lower Upper
 162 100
 127 37.7 33.9 50.9
 164 34.9 26.5 39.7

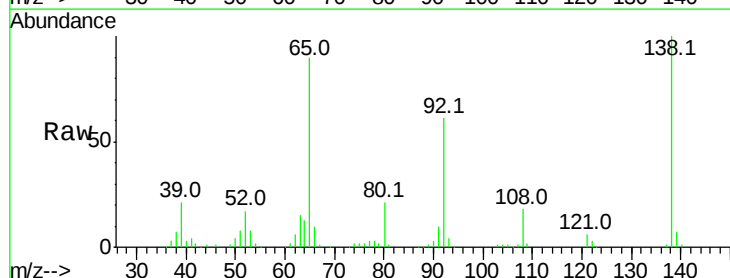


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

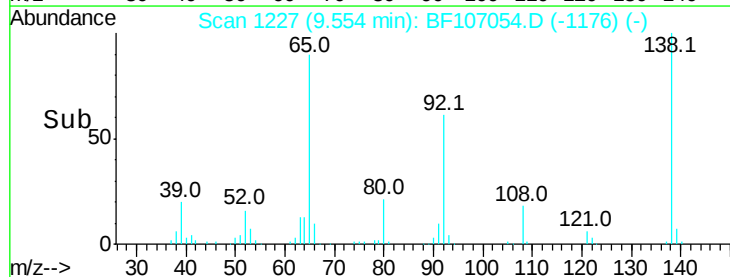
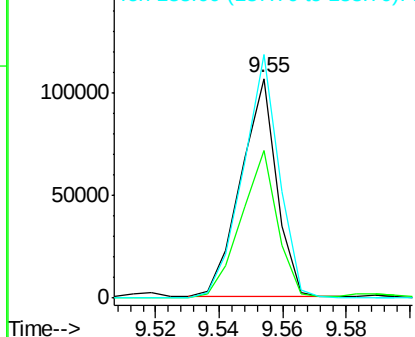


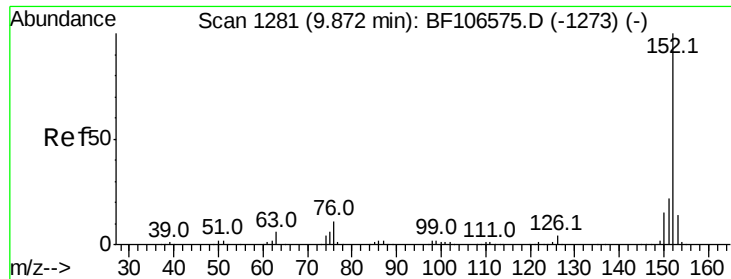
#47
 2-Nitroaniline
 Concen: 39.563 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion: 65 Resp: 83253
 Ion Ratio Lower Upper
 65 100
 92 67.4 55.8 83.6
 138 110.7 91.2 136.8



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





#48

Acenaphthylene

Concen: 39.725 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

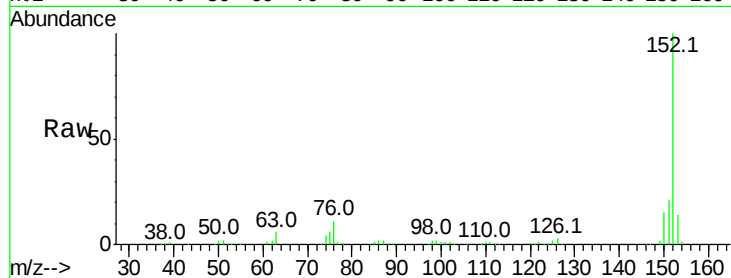
Tot Ion:152 Resp: 392482

Ion Ratio Lower Upper

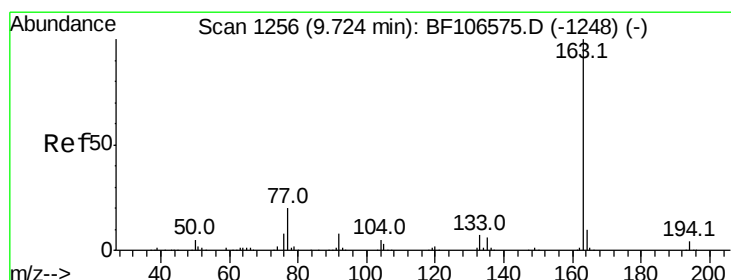
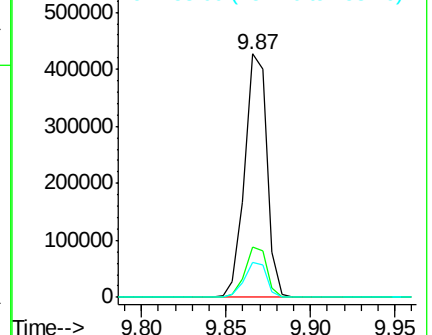
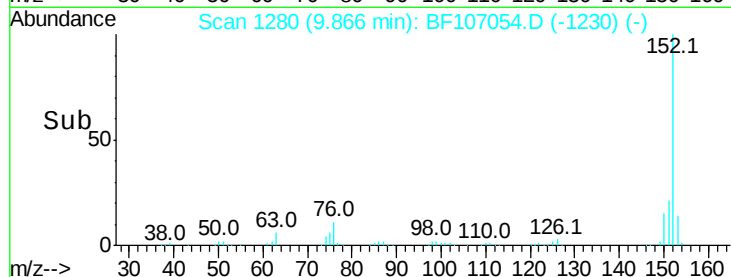
152 100

151 20.7 16.3 24.5

153 14.4 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: 50.600 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

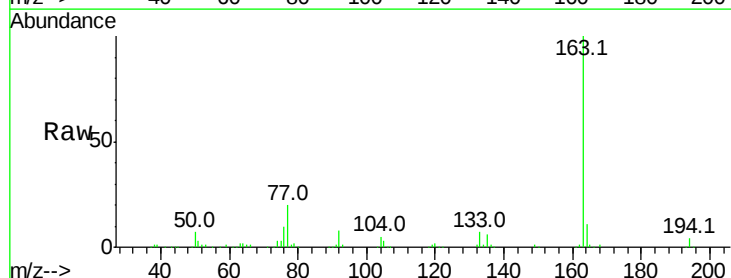
Tgt Ion:163 Resp: 378583

Ion Ratio Lower Upper

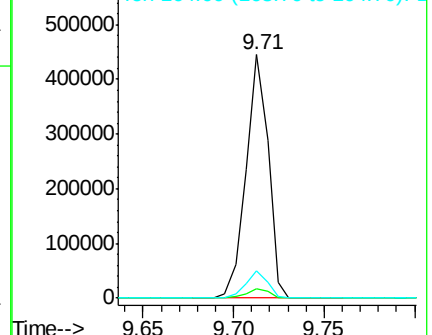
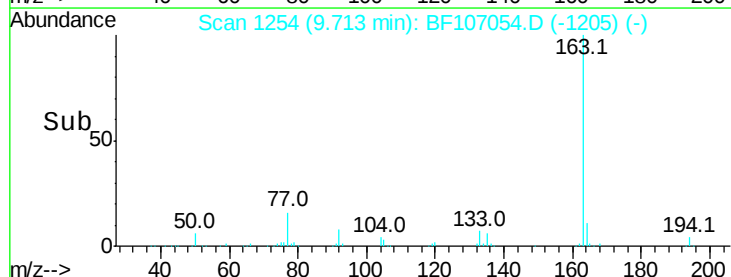
163 100

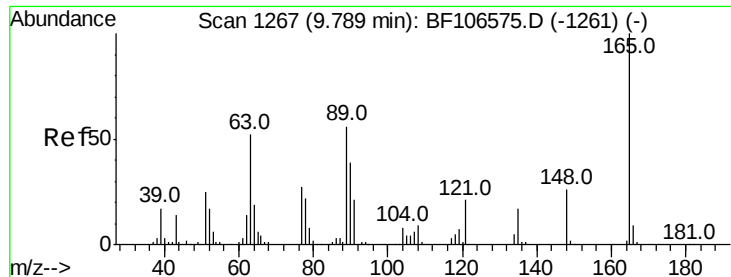
194 3.9 2.7 4.1

164 11.2 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

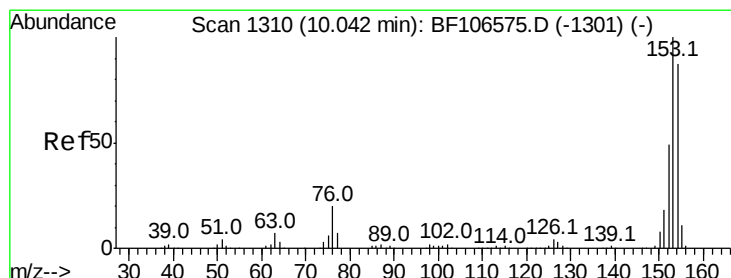
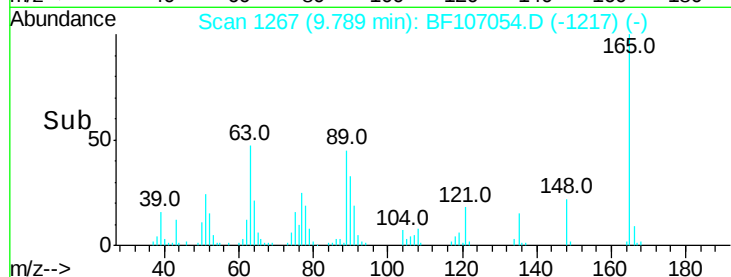
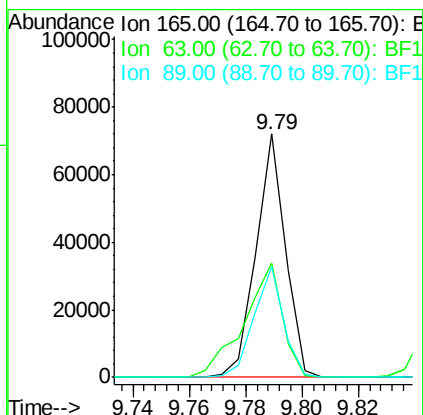
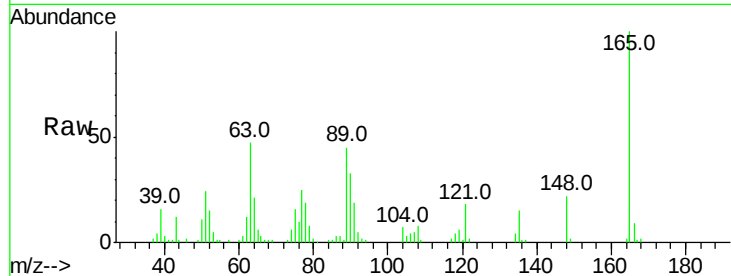




#50
2,6-Dinitrotoluene
Concen: 32.810 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

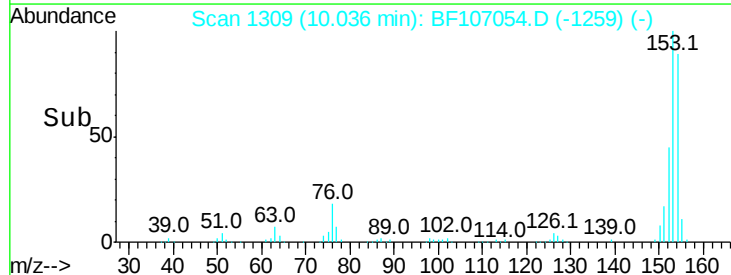
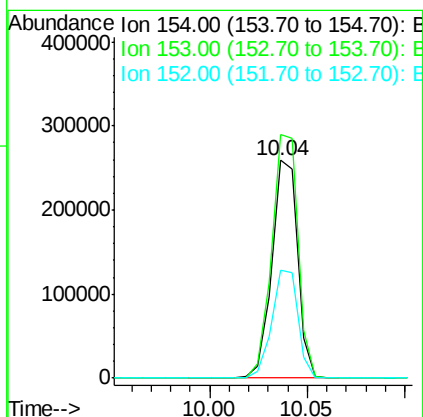
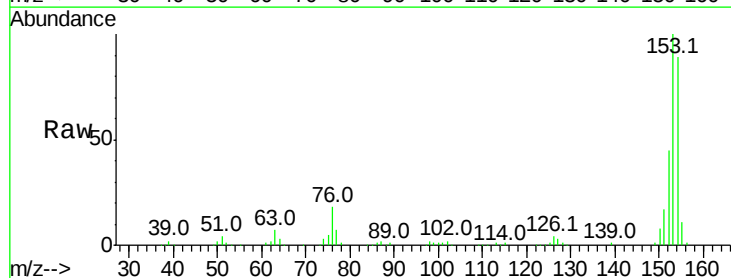
Instrument :
BNA_F
ClientSampled :

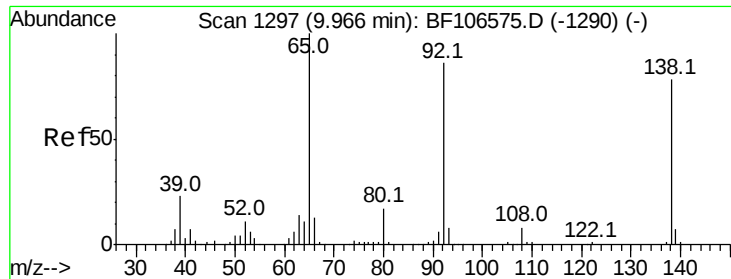
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.7	67.1
89	45.5	44.0	66.0



#51
Acenaphthene
Concen: 38.073 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	91.2	136.8
152	49.8	43.8	65.8

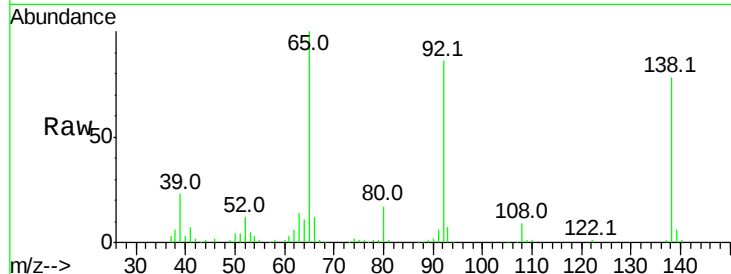




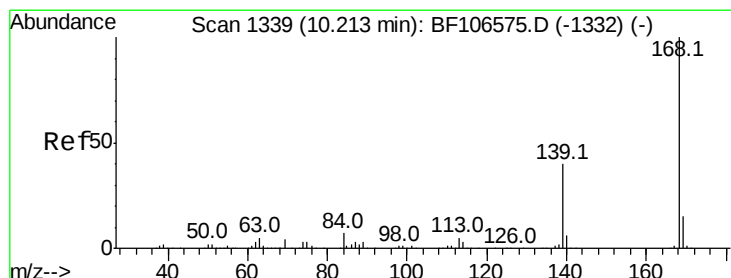
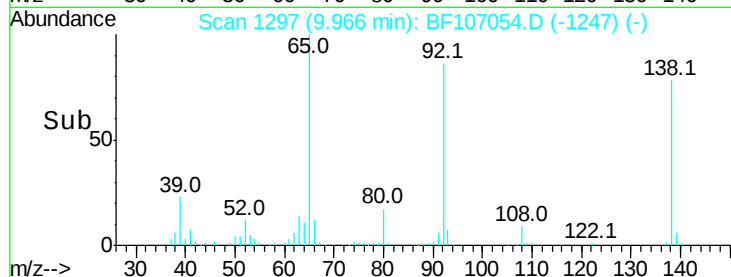
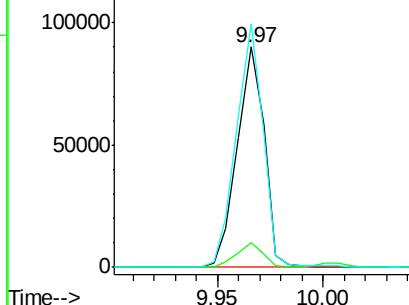
#52
3-Nitroaniline
Concen: 43.804 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 79859
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.0
92 110.6 89.4 134.2

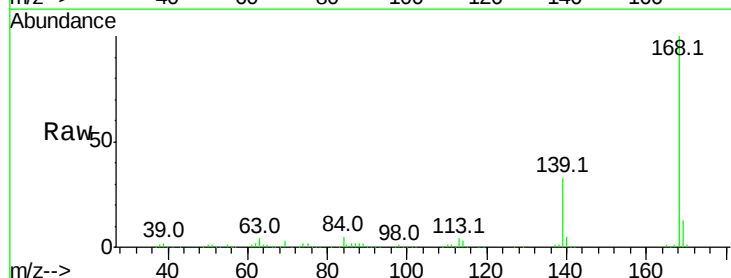


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

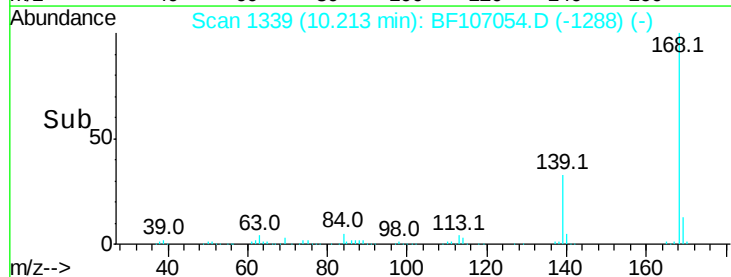
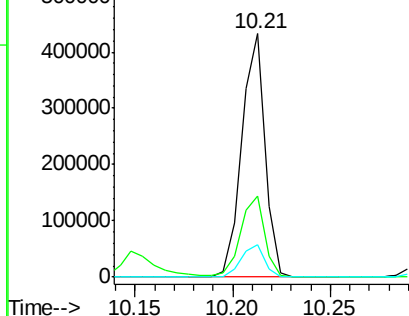


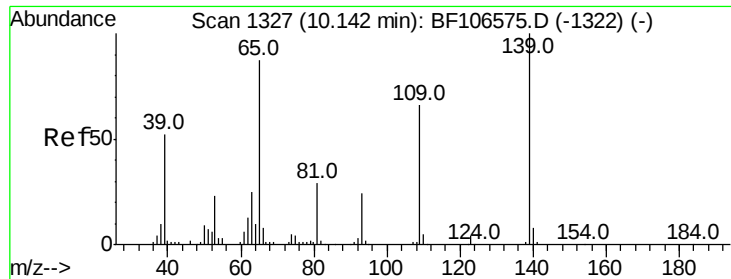
#54
Dibenzofuran
Concen: 41.967 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:168 Resp: 357526
Ion Ratio Lower Upper
168 100
139 33.3 30.1 45.1
169 13.2 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

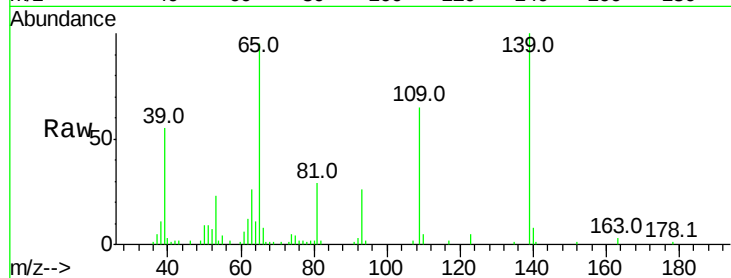




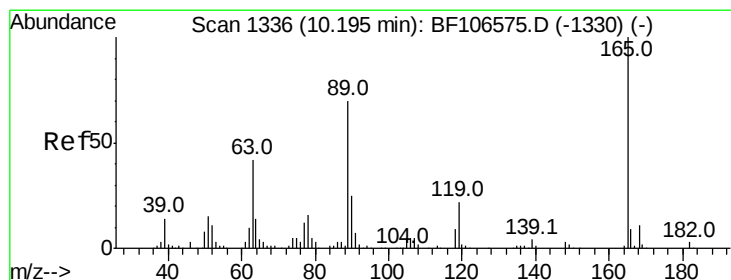
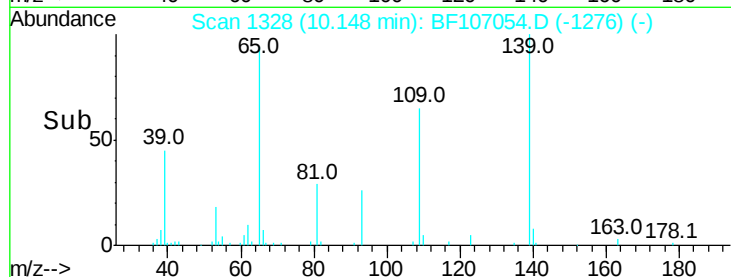
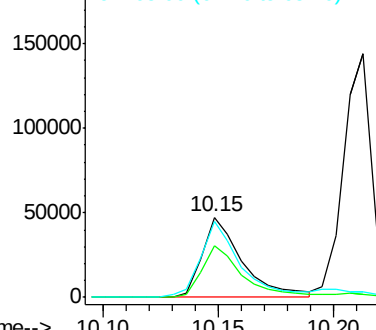
#55
4-Nitrophenol
Concen: 45.011 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 57279
Ion Ratio Lower Upper
139 100
109 64.6 48.4 88.4
65 94.9 72.6 112.6

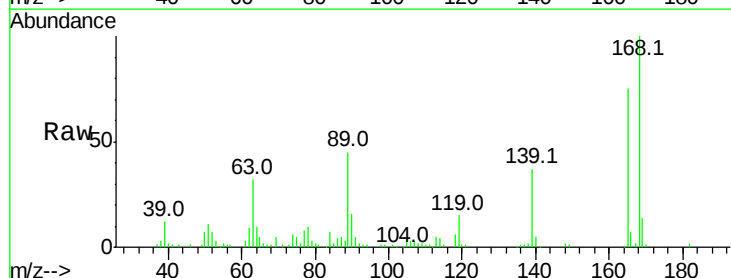


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

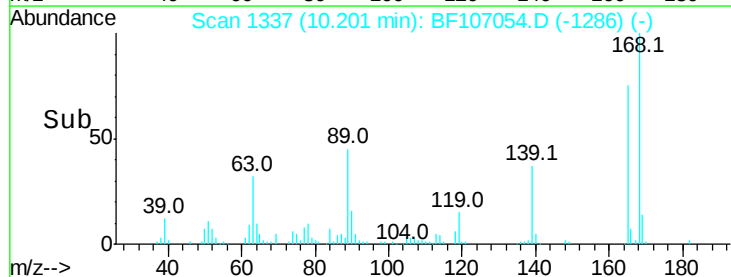
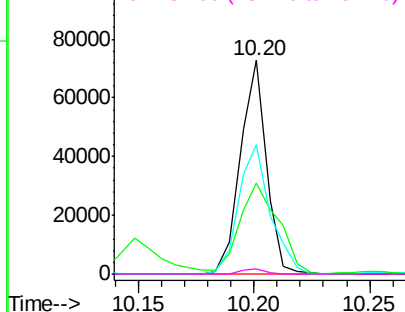


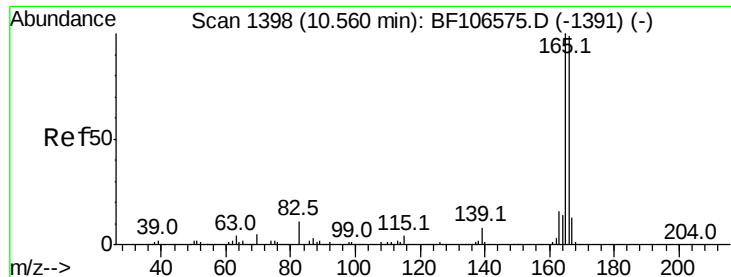
#56
2,4-Dinitrotoluene
Concen: 27.758 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:165 Resp: 57402
Ion Ratio Lower Upper
165 100
63 42.6 36.4 54.6
89 60.4 57.8 86.6
182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 41.270 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

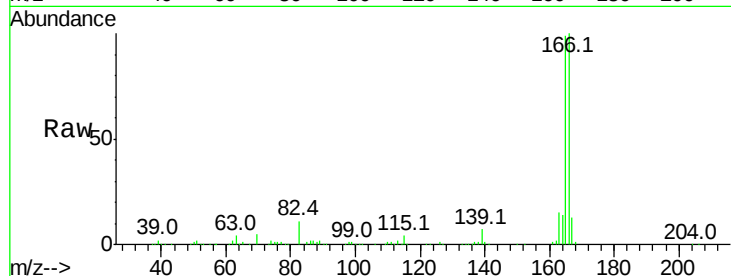
Tot Ion:166 Resp: 278993

Ion Ratio Lower Upper

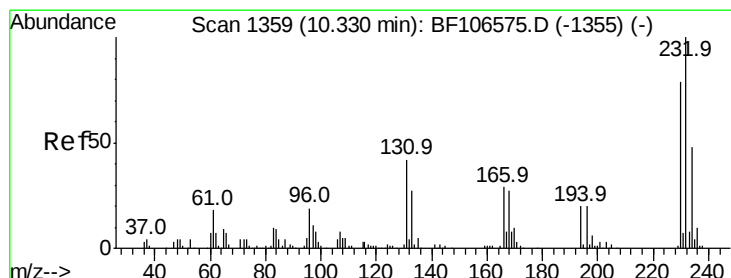
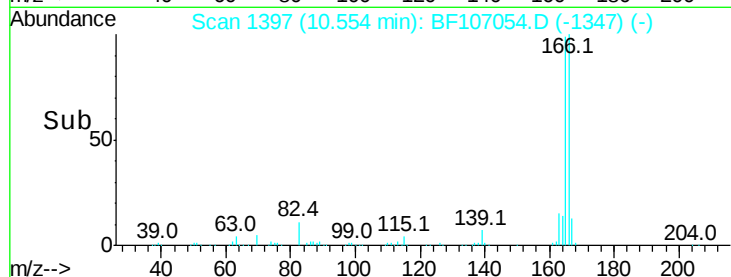
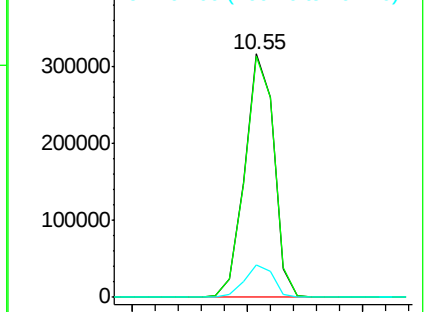
166 100

165 99.3 79.8 119.8

167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.006 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Tgt Ion:232 Resp: 72250

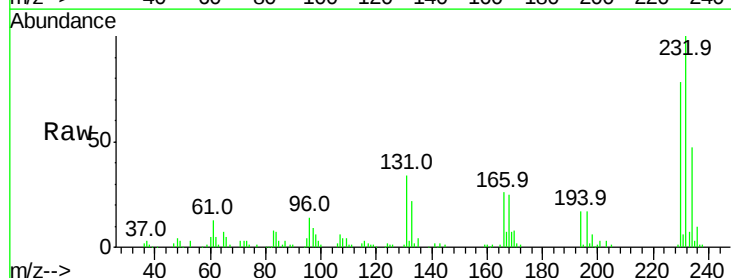
Ion Ratio Lower Upper

232 100

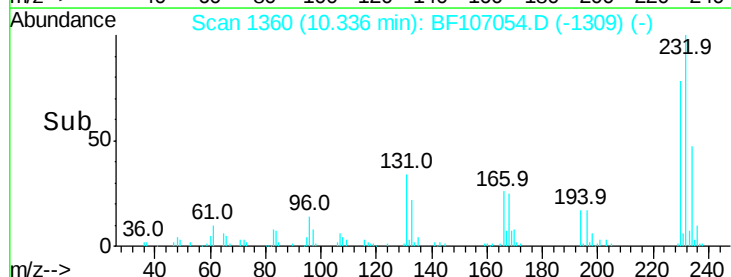
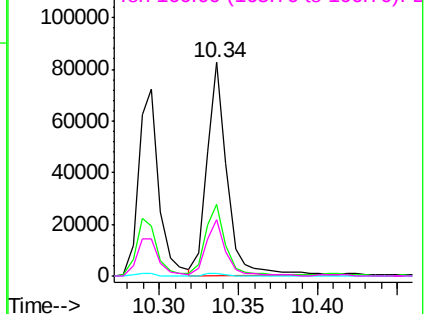
131 35.7 43.8 65.8#

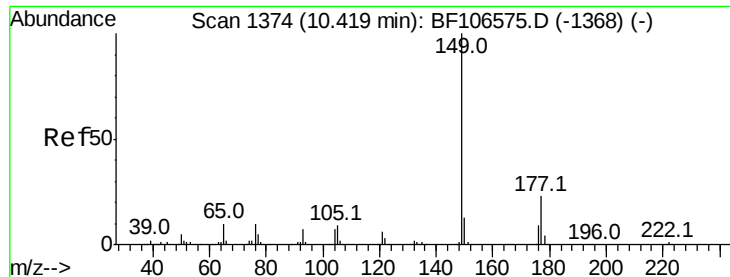
130 1.3 2.1 3.1#

166 26.6 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

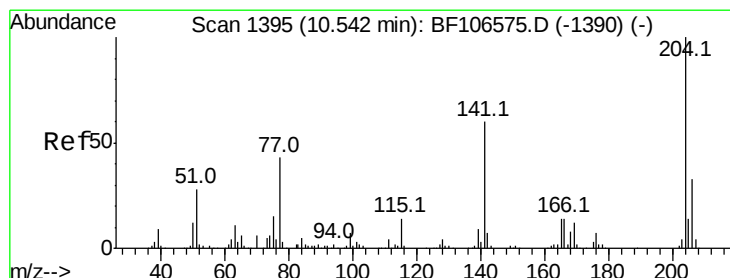
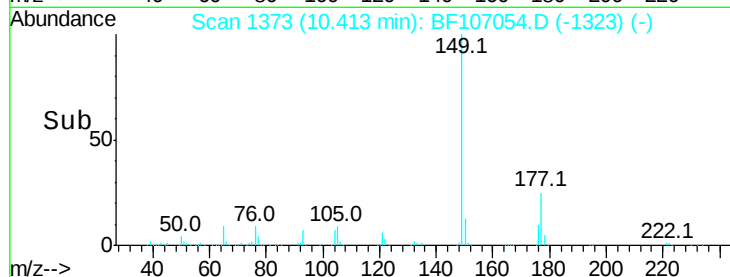
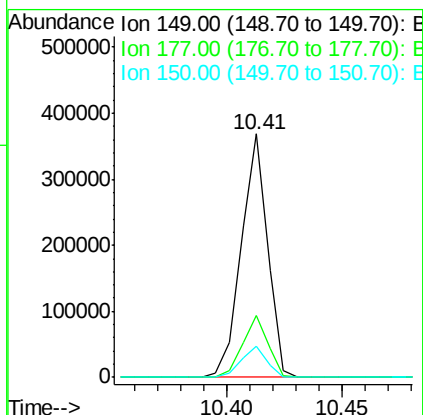
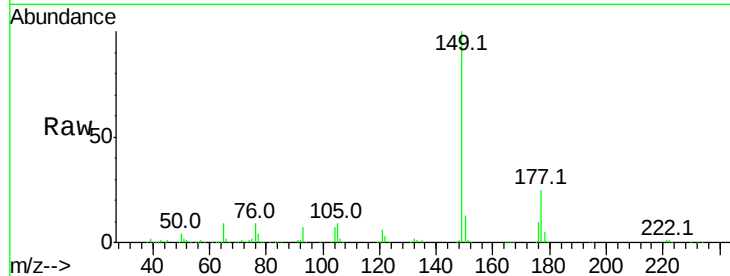




#59
Diethylphthalate
Concen: 40.610 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

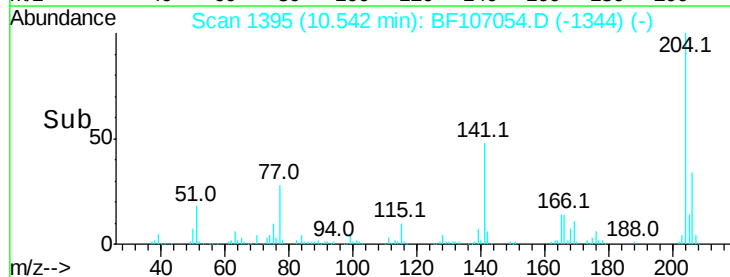
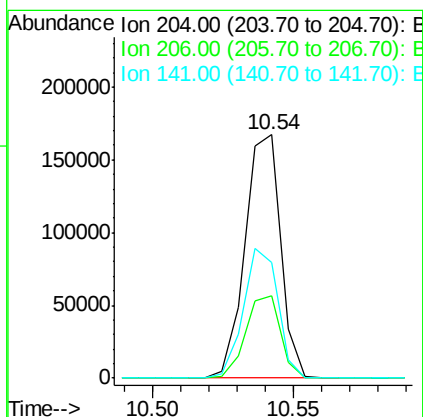
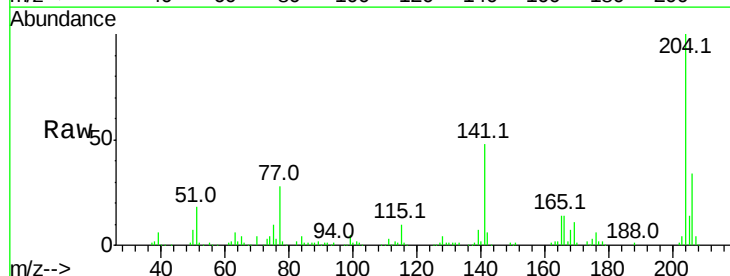
Instrument :
BNA_F
ClientSampleId :

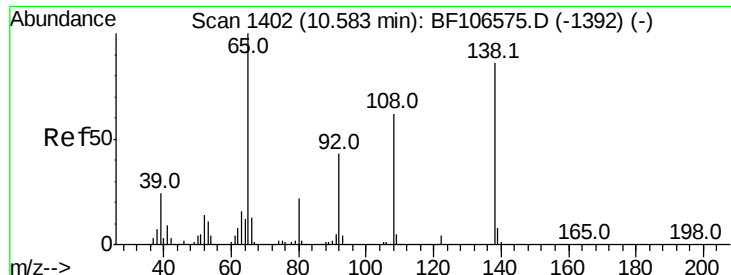
Tot Ion:149 Resp: 293253
Ion Ratio Lower Upper
149 100
177 25.3 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.429 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:204 Resp: 146538
Ion Ratio Lower Upper
204 100
206 34.0 26.5 39.7
141 47.5 54.6 81.8#

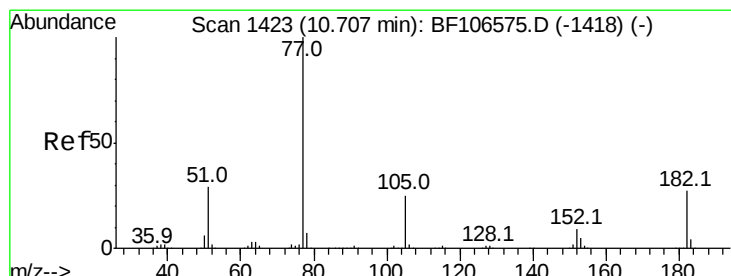
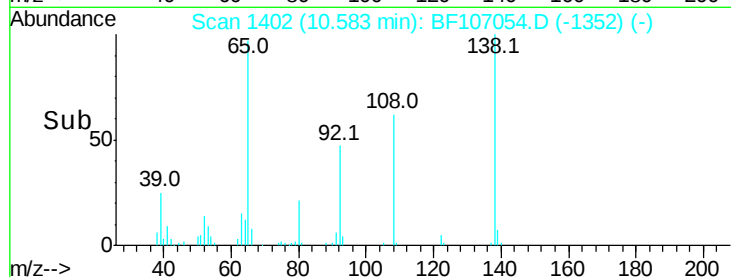
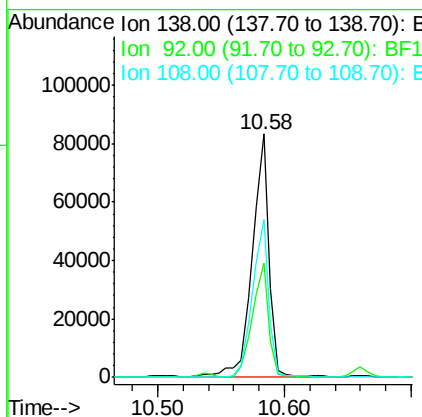
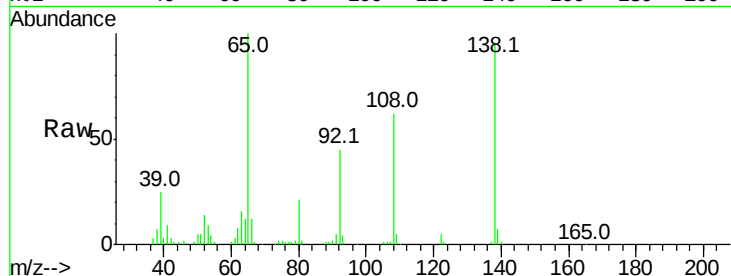




#61
4-Nitroaniline
Concen: 43.187 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

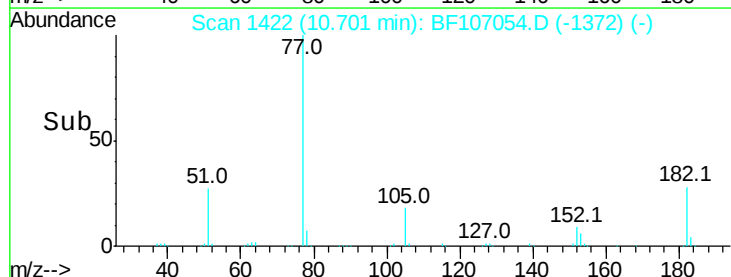
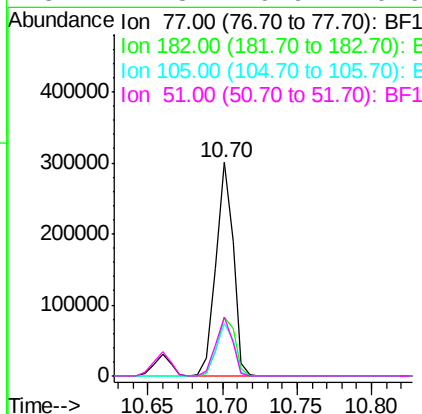
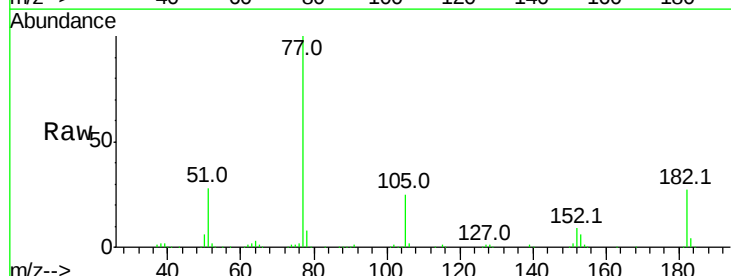
Instrument :
BNA_F
ClientSampleId :

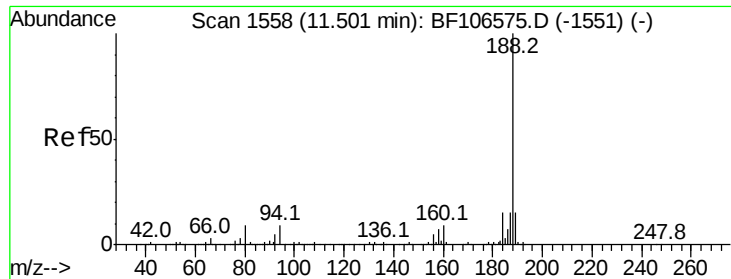
Tot Ion:138 Resp: 78139
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 64.6 52.5 92.5



#62
Azobenzene
Concen: 34.363 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion: 77 Resp: 244362
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 24.7 3.0 43.0
51 27.8 9.9 49.9

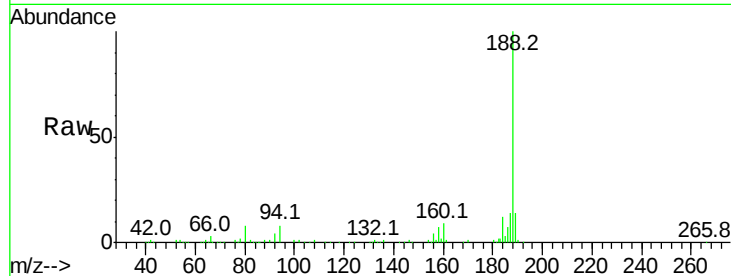




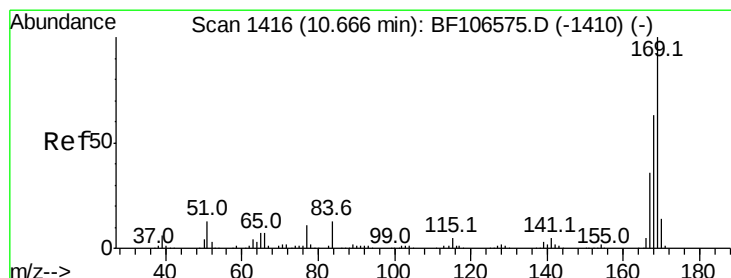
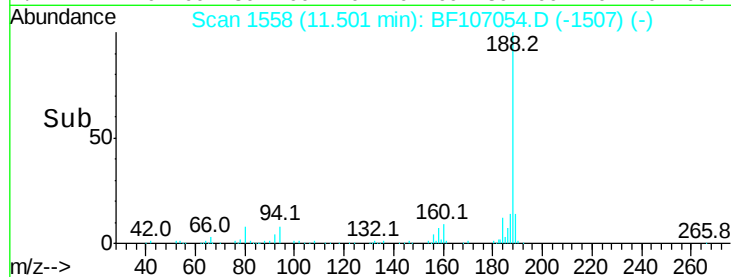
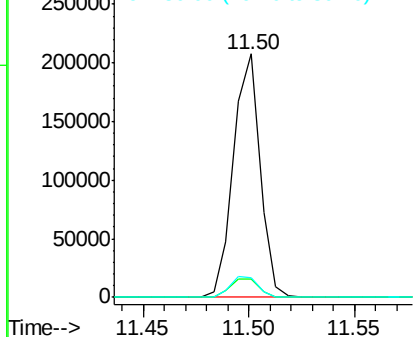
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 180408
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.2 9.2 13.8#

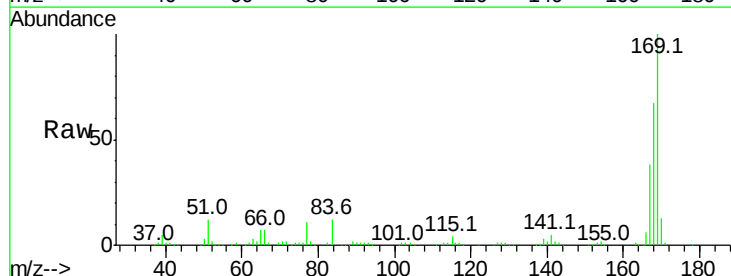


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

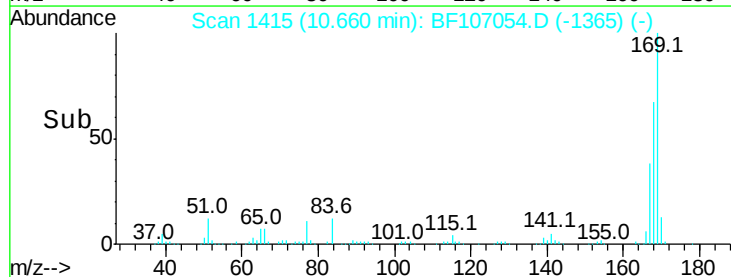
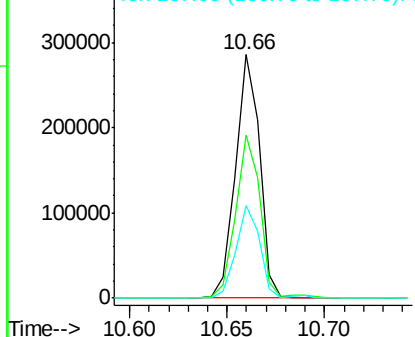


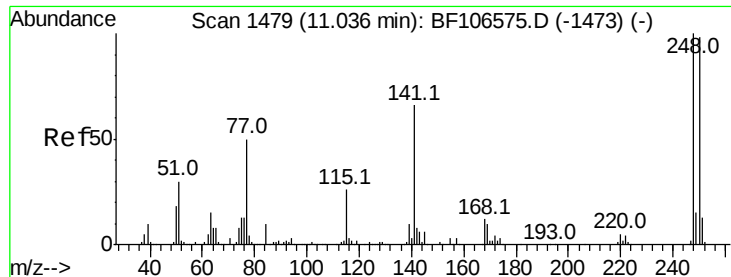
#65
n-Nitrosodiphenylamine
Concen: 40.186 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:169 Resp: 243854
Ion Ratio Lower Upper
169 100
168 67.0 54.4 81.6
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

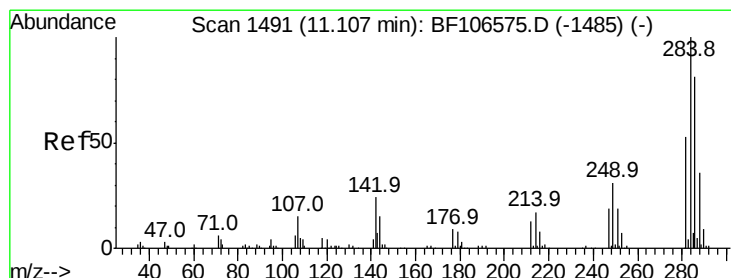
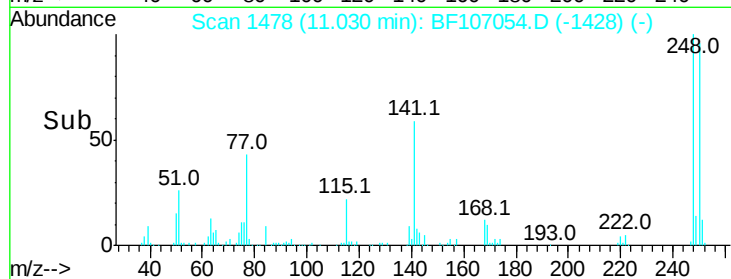
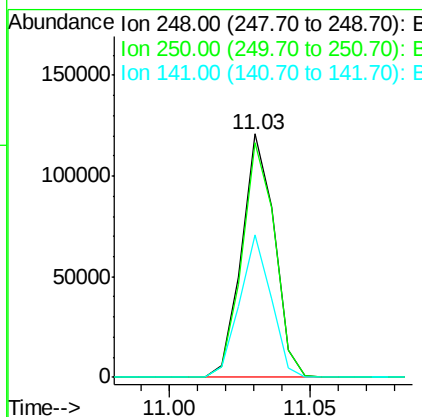
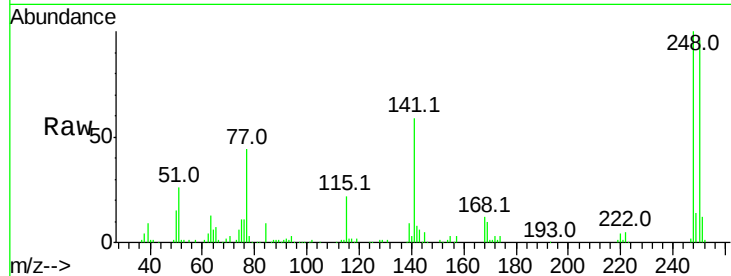




#66
4-Bromophenyl-phenylether
Concen: 45.254 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

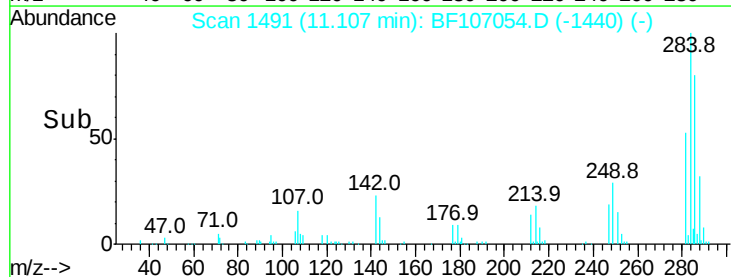
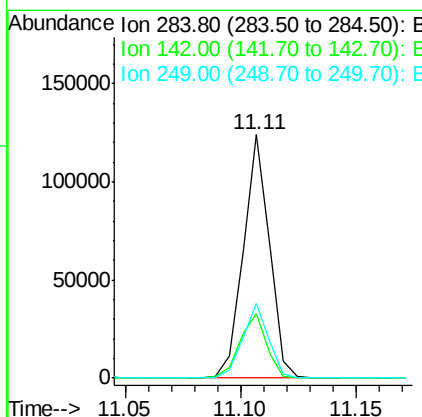
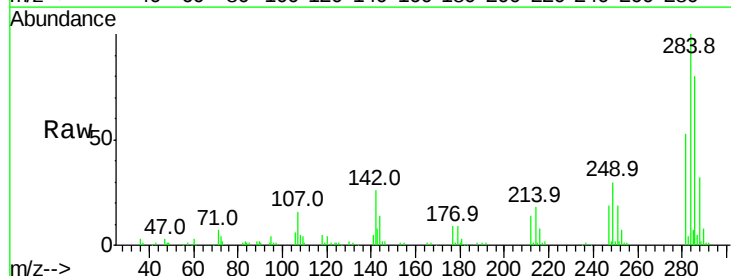
Instrument :
BNA_F
ClientSampleId :

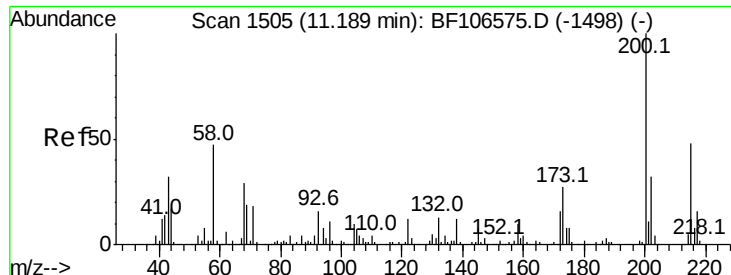
Tot Ion:248 Resp: 97435
Ion Ratio Lower Upper
248 100
250 96.3 76.9 115.3
141 58.8 74.4 111.6#



#67
Hexachlorobenzene
Concen: 43.229 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:284 Resp: 97416
Ion Ratio Lower Upper
284 100
142 26.3 34.6 52.0#
249 30.5 24.8 37.2

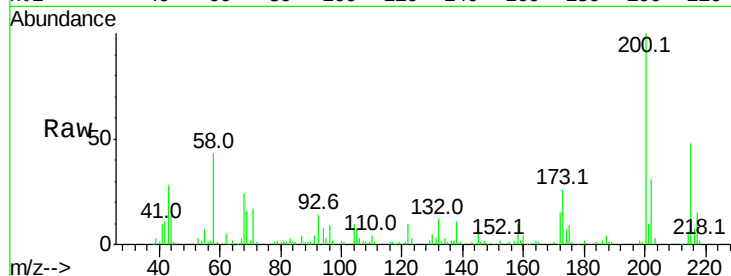




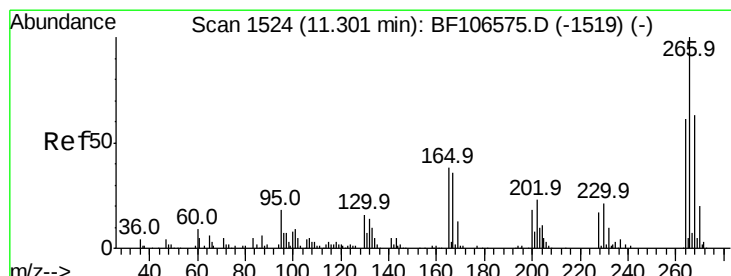
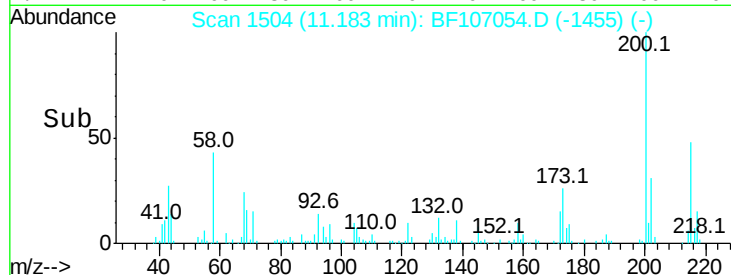
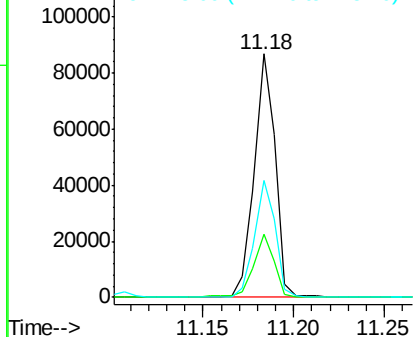
#68
Atrazine
Concen: 36.076 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 69592
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 47.9 25.1 65.1

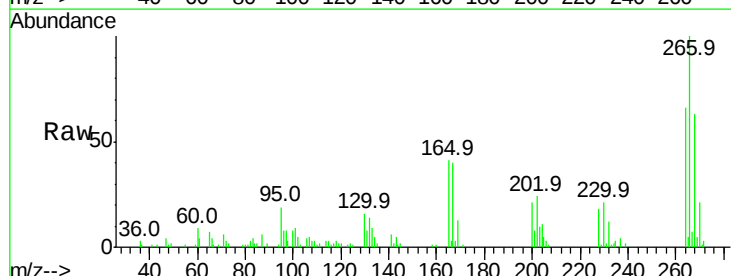


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

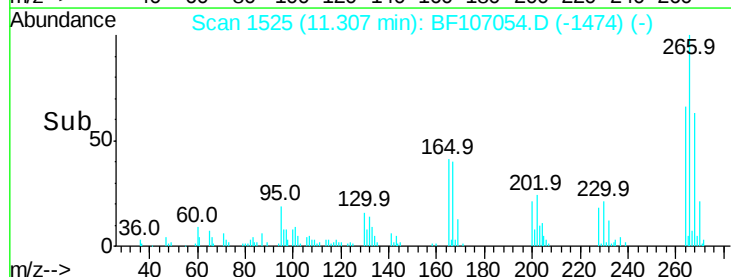
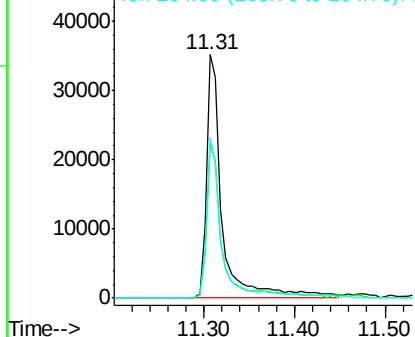


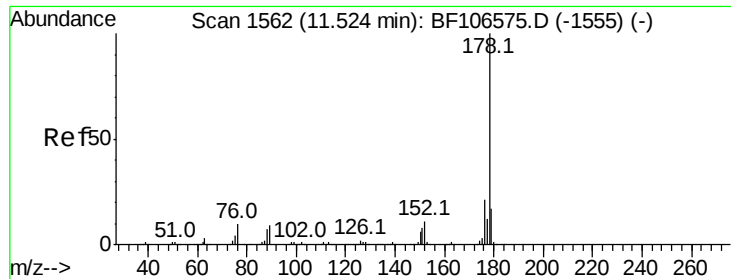
#69
Pentachlorophenol
Concen: 38.690 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:266 Resp: 43503
Ion Ratio Lower Upper
266 100
268 63.2 51.1 76.7
264 66.0 49.5 74.3



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

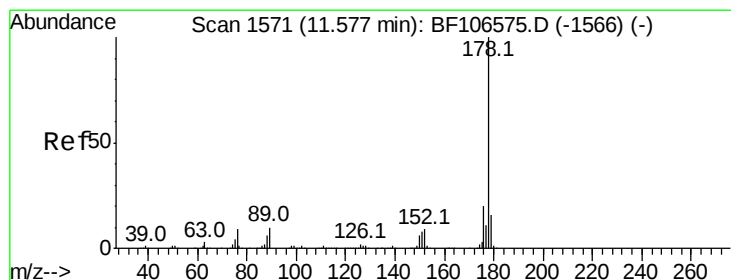
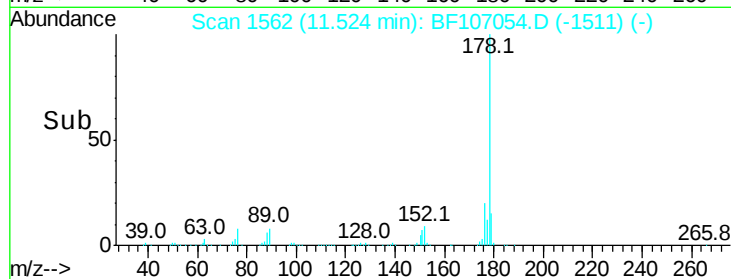
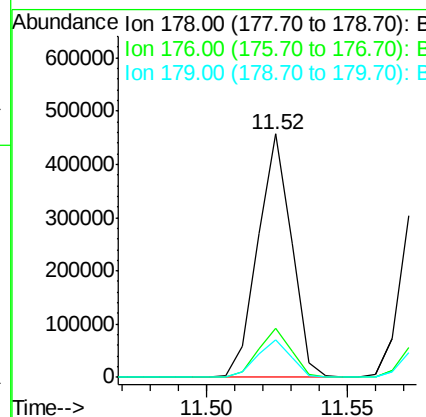
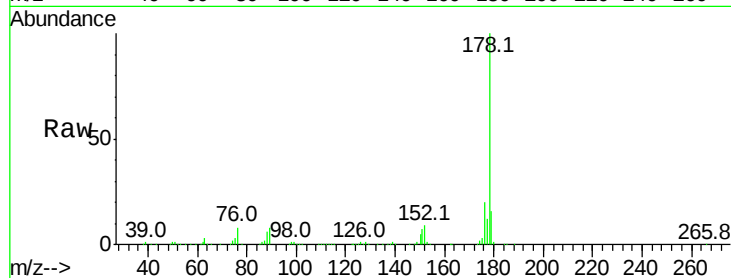




#70
Phenanthrene
Concen: 43.538 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

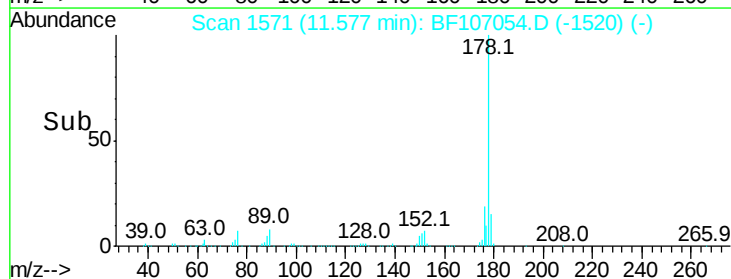
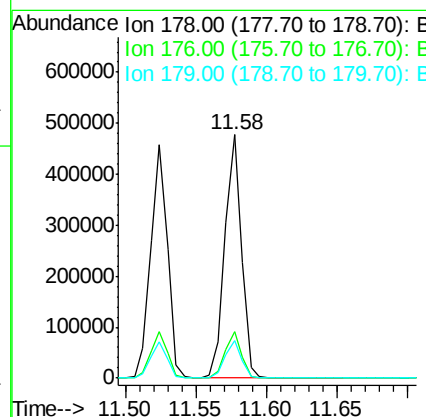
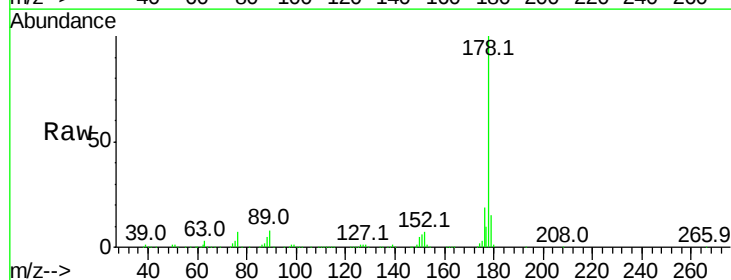
Instrument :
BNA_F
ClientSampleId :

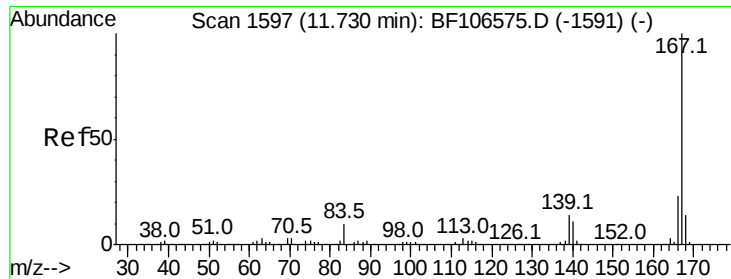
Tot Ion:178 Resp: 378847
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.5 13.0 19.6



#71
Anthracene
Concen: 44.494 ng
RT: 11.58 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:178 Resp: 395177
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.2 12.6 19.0





#72

Carbazole

Concen: 41.992 ng

RT: 11.74 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

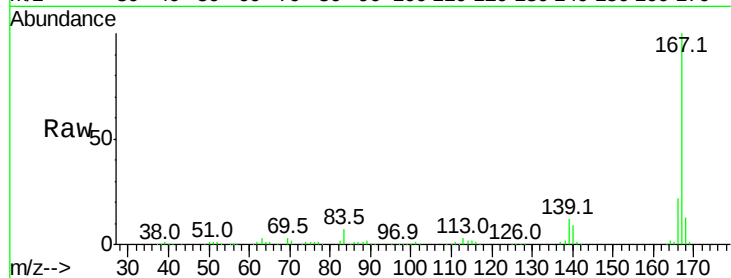
Tot Ion:167 Resp: 349180

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

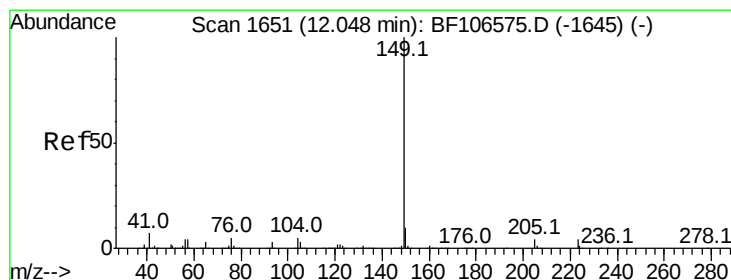
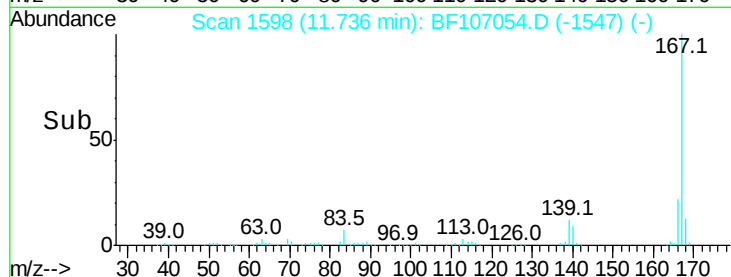
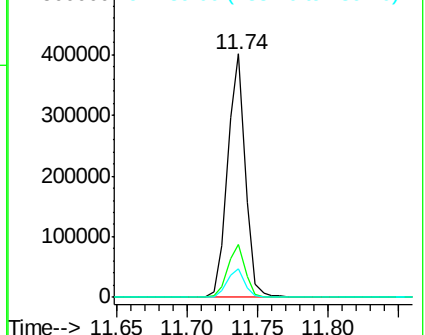
139 11.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.859 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

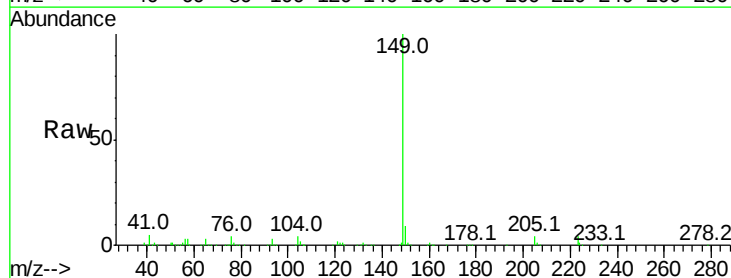
Tgt Ion:149 Resp: 410059

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

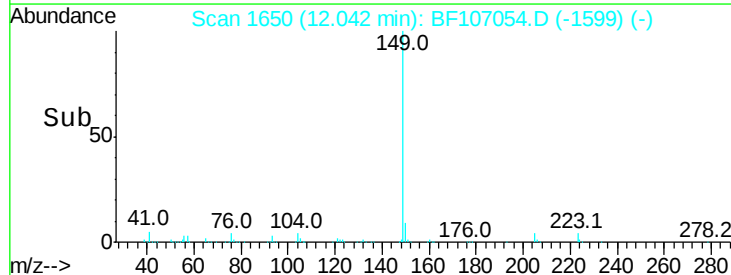
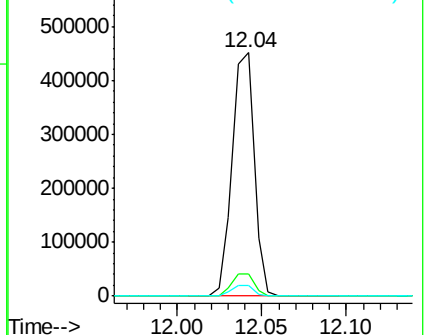
104 4.2 3.8 5.8

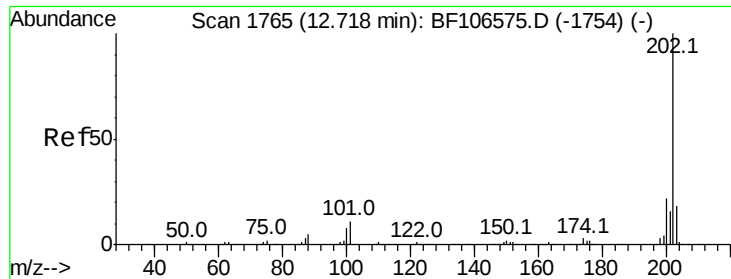


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

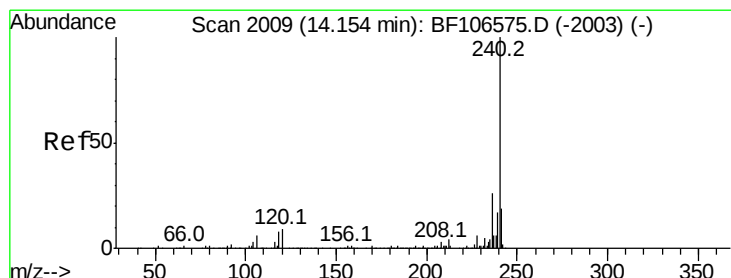
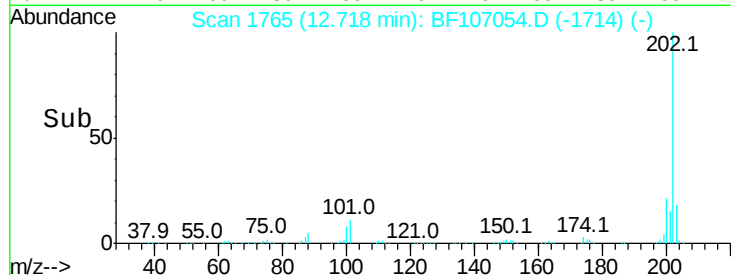
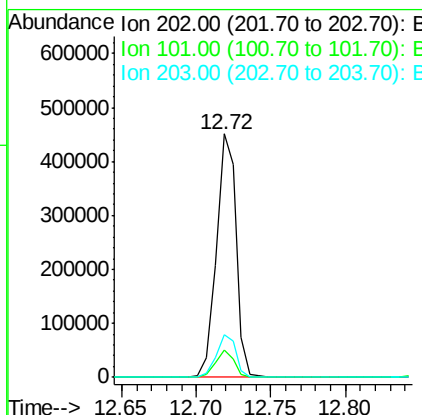
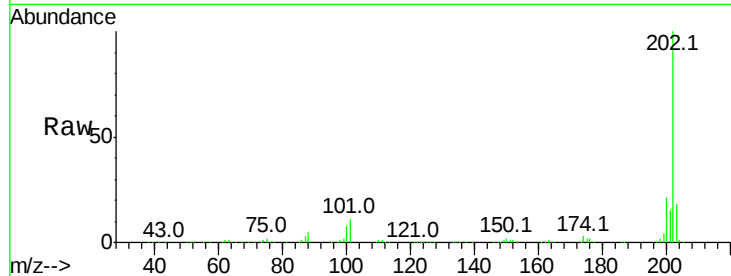




#74
 Fluoranthene
 Concen: 43.422 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

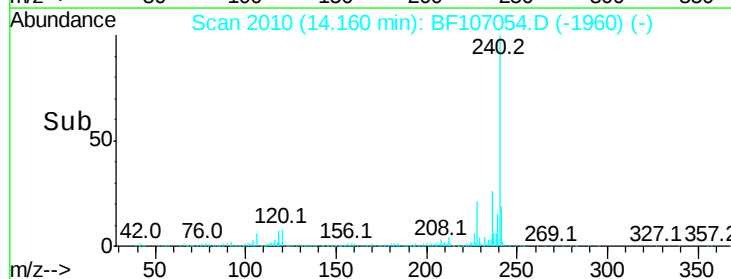
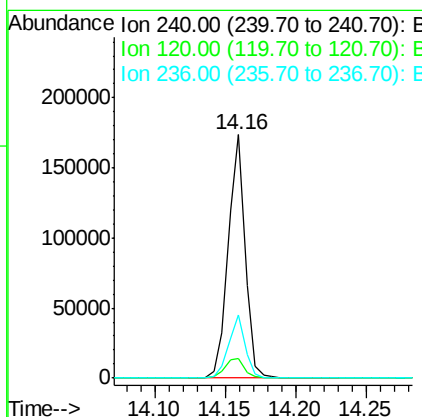
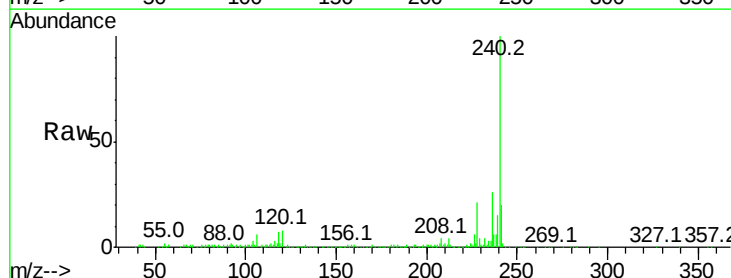
Instrument :
 BNA_F
 ClientSampleId :

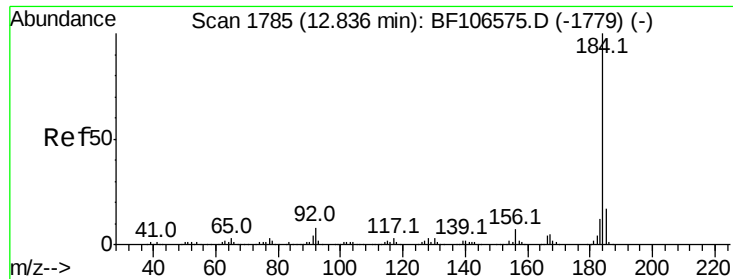
Tot Ion:202 Resp: 416450
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 34.1
 203 17.6 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107054.D
 Acq: 2 Jul 2018 19:45

Tgt Ion:240 Resp: 145797
 Ion Ratio Lower Upper
 240 100
 120 8.2 9.5 14.3#
 236 25.8 20.7 31.1

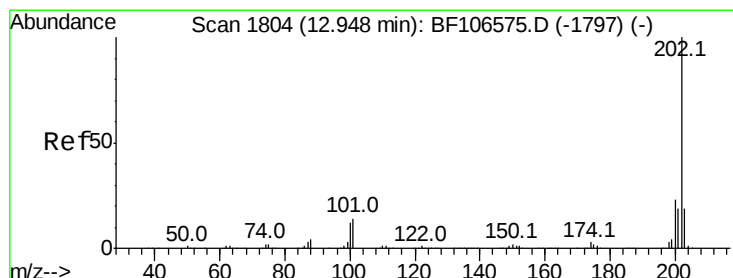
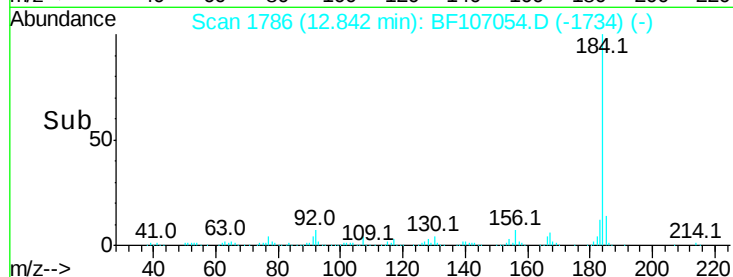
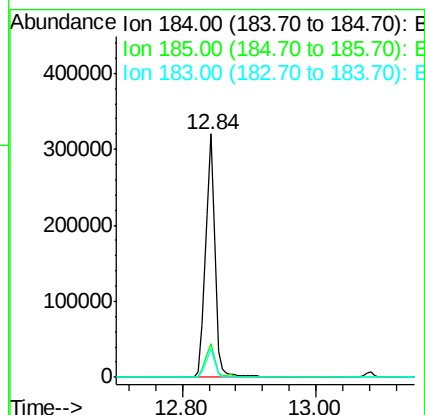
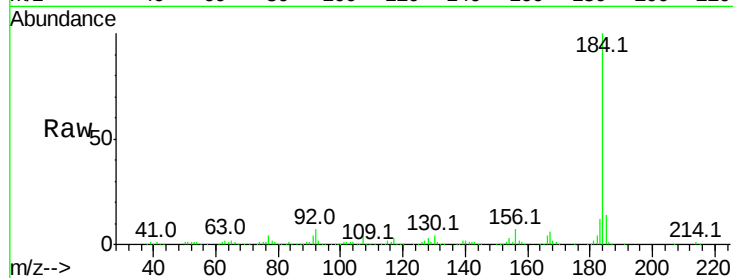




#76
Benzidine
Concen: 74.441 ng
RT: 12.84 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

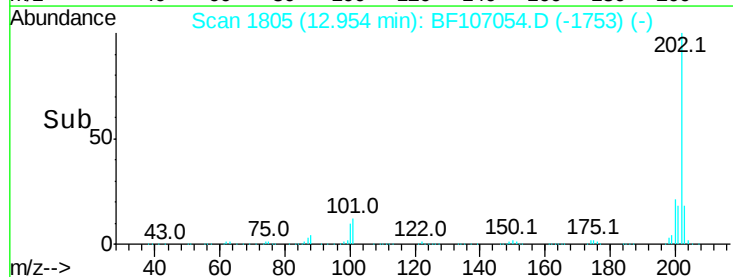
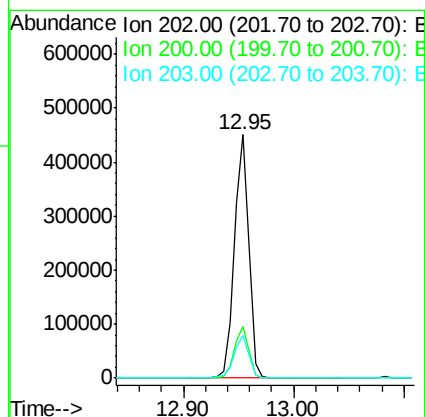
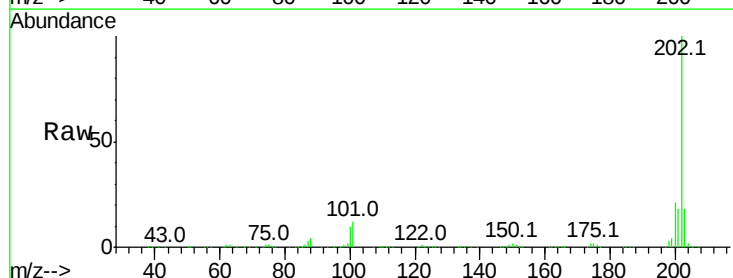
Instrument :
BNA_F
ClientSampleId :

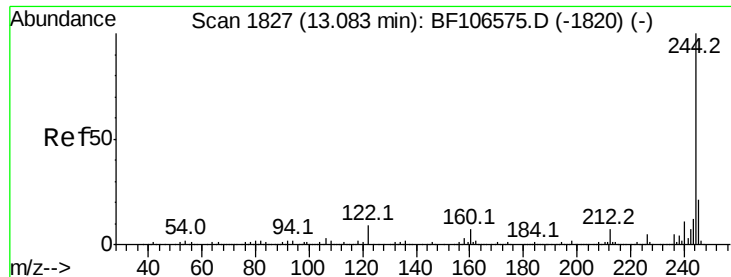
Tot Ion:184 Resp: 309099
Ion Ratio Lower Upper
184 100
185 13.9 12.6 18.8
183 11.7 9.3 13.9



#77
Pyrene
Concen: 42.967 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:202 Resp: 413094
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.7 14.3 21.5





#78

Terphenyl-d14

Concen: 96.558 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

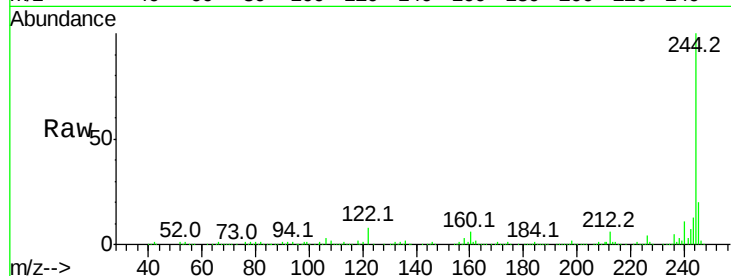
Tot Ion:244 Resp: 581180

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

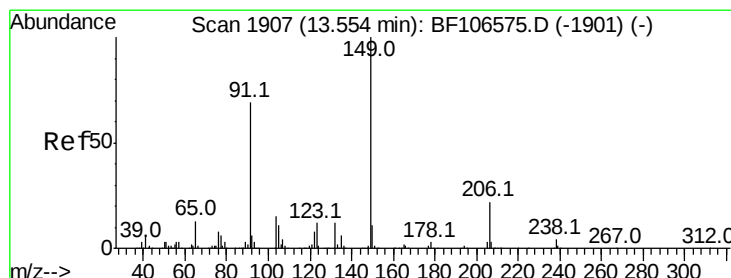
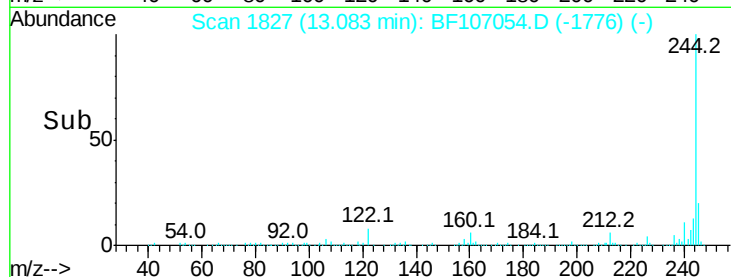
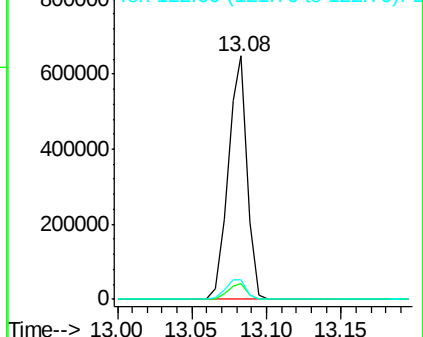
122 8.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.235 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

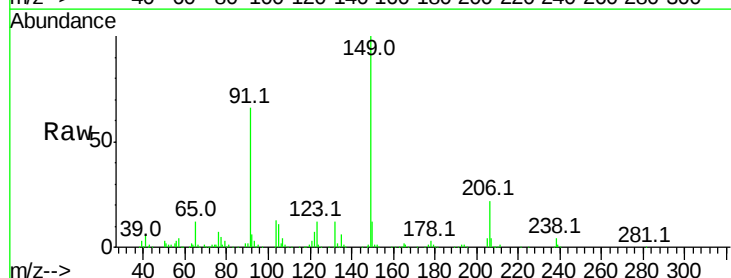
Tgt Ion:149 Resp: 166950

Ion Ratio Lower Upper

149 100

91 65.8 56.8 85.2

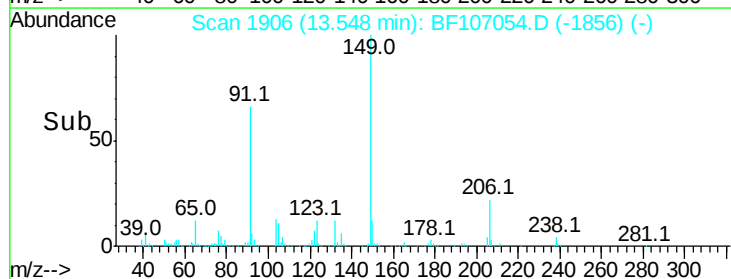
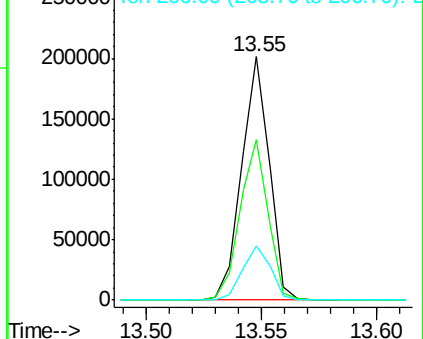
206 22.4 14.1 21.1#

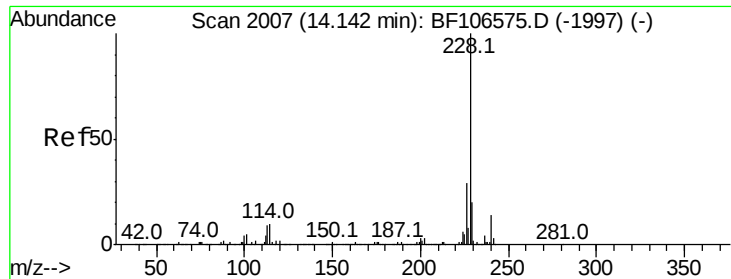


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

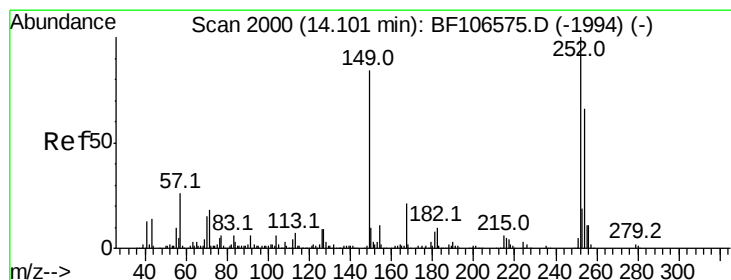
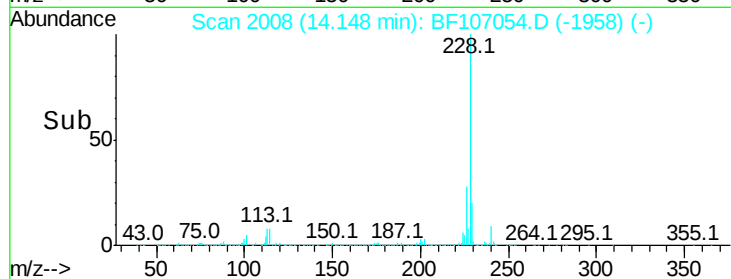
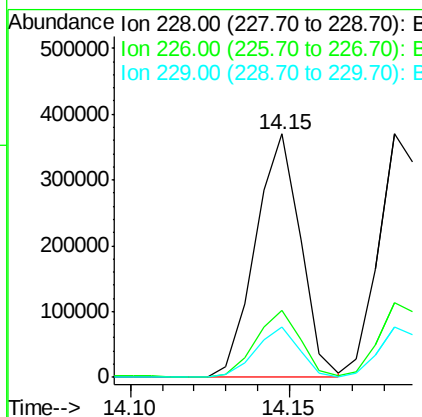
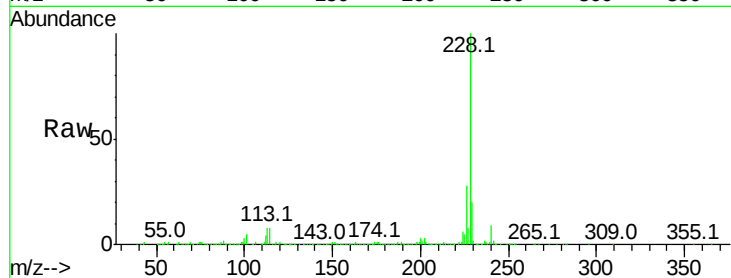




#80
Benzo(a)anthracene
Concen: 41.035 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

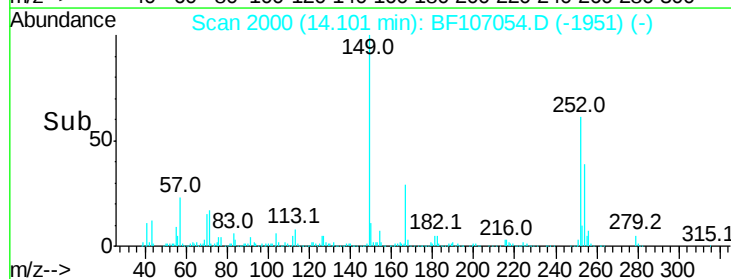
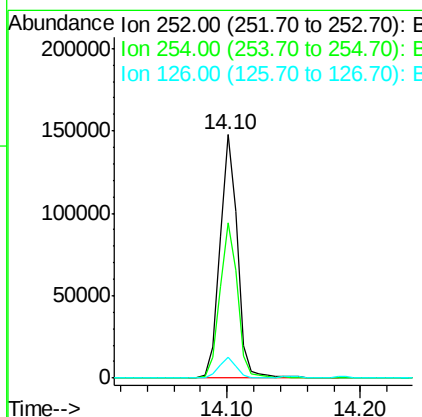
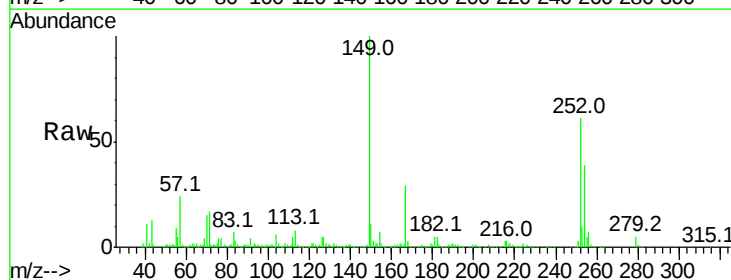
Instrument :
BNA_F
ClientSampleId :

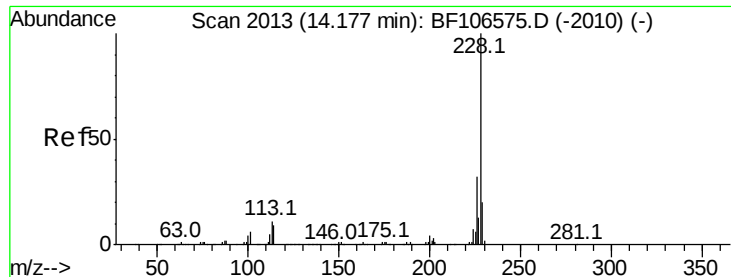
Tot Ion:228 Resp: 364632
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.5 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 43.953 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:252 Resp: 137268
Ion Ratio Lower Upper
252 100
254 63.8 50.4 75.6
126 8.3 11.3 16.9#





#82

Chrysene

Concen: 41.545 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampled :

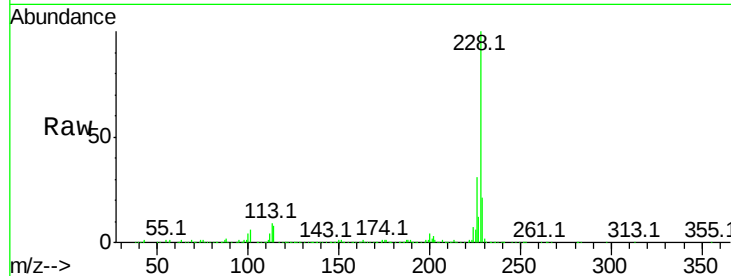
Tot Ion:228 Resp: 339631

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

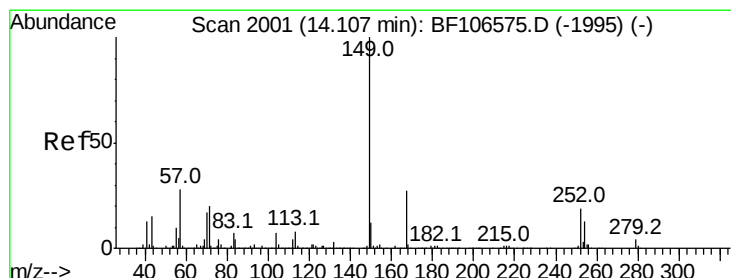
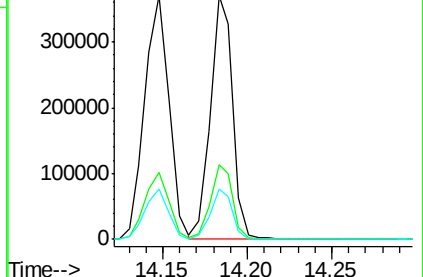
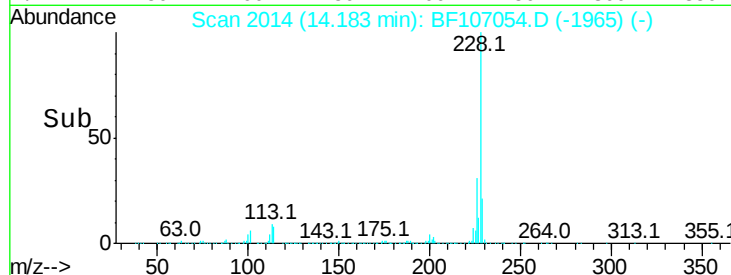
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.878 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

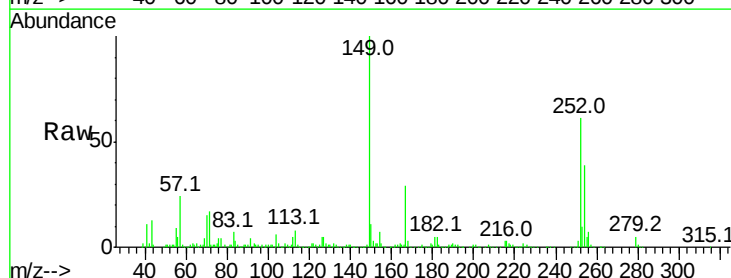
Tgt Ion:149 Resp: 221746

Ion Ratio Lower Upper

149 100

167 29.2 21.3 31.9

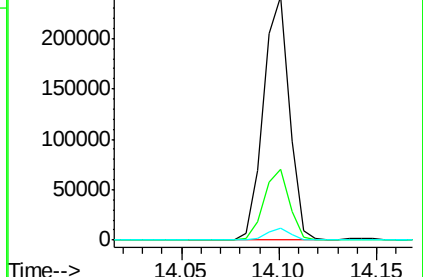
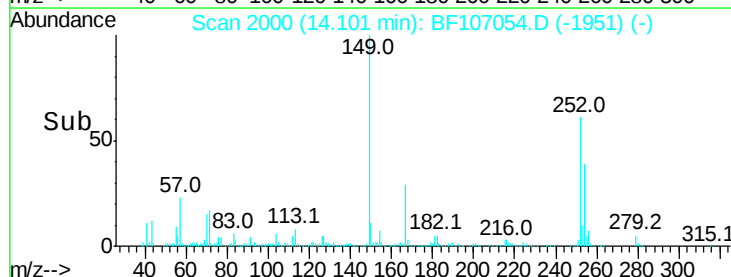
279 4.8 3.0 4.4#

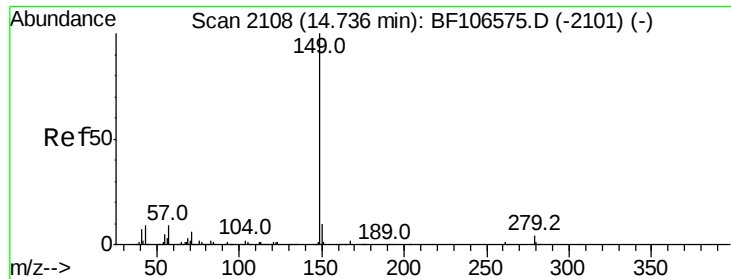


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

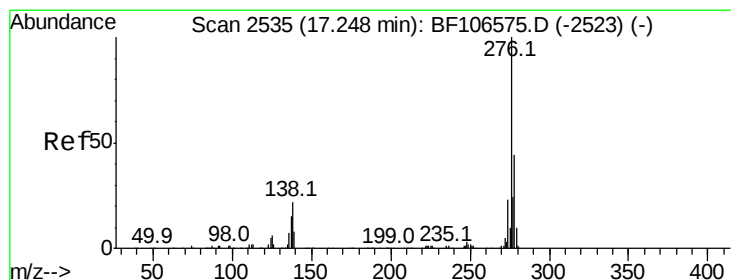
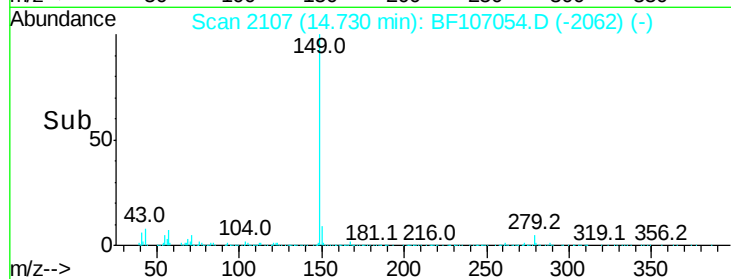
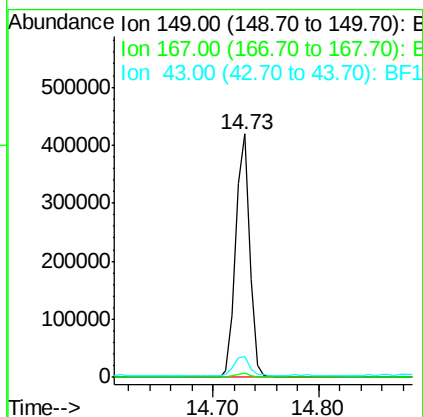
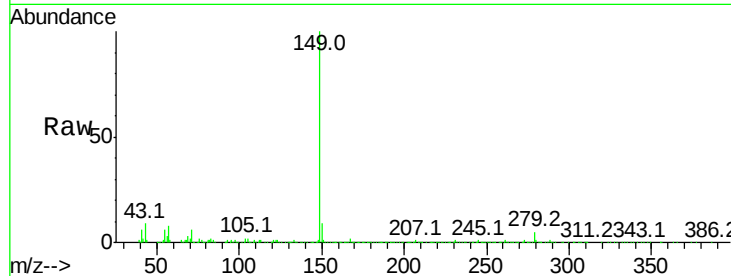




#84
Di-n-octyl phthalate
Concen: 45.577 ng
RT: 14.73 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

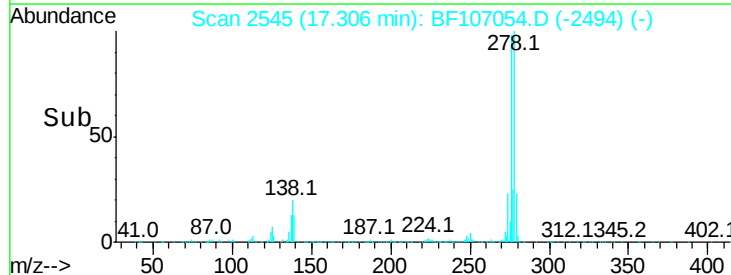
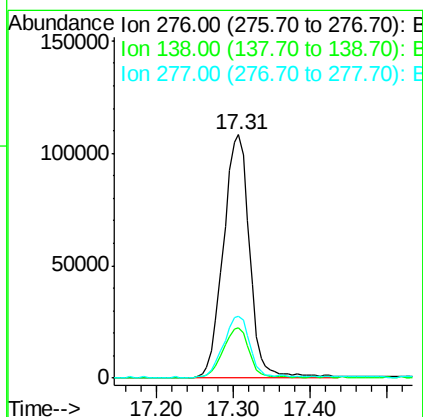
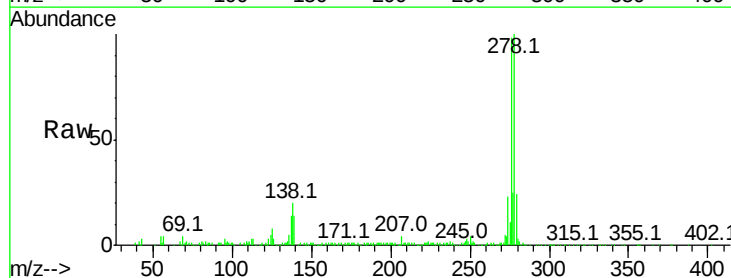
Instrument :
BNA_F
ClientSampleId :

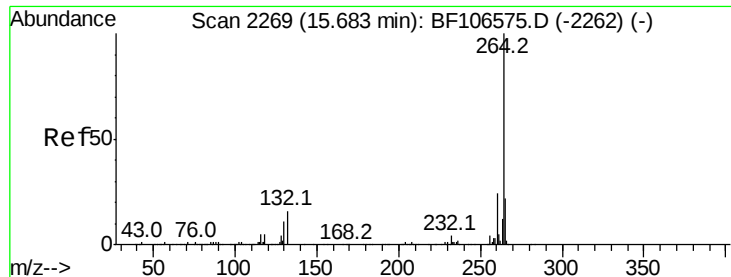
Tot Ion:149 Resp: 375454
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.383 ng
RT: 17.31 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:276 Resp: 259345
Ion Ratio Lower Upper
276 100
138 21.0 25.0 37.6#
277 25.4 20.1 30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

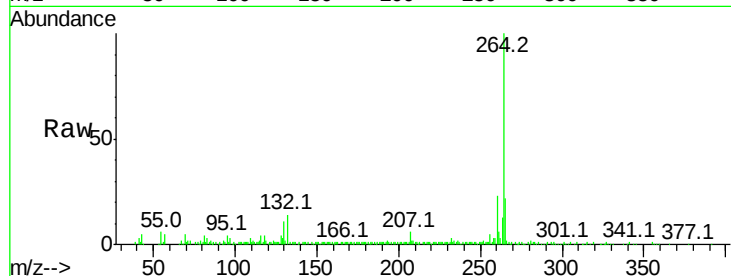
Tot Ion:264 Resp: 110665

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

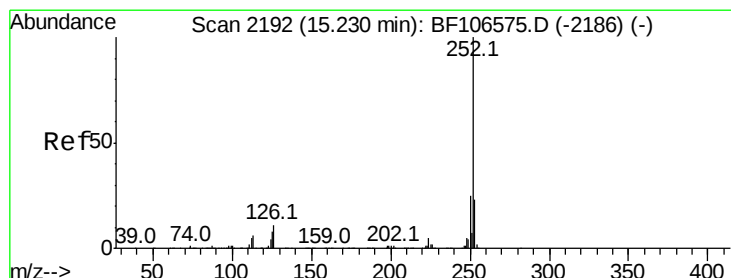
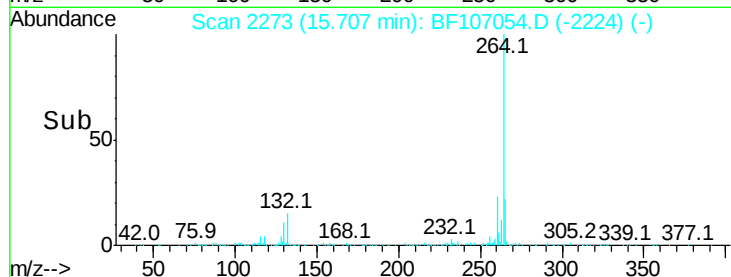
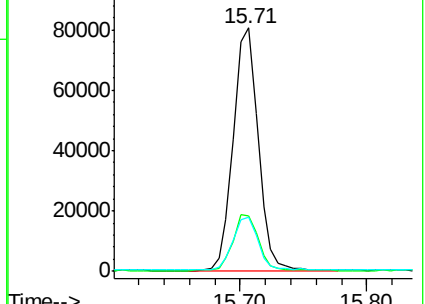
265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 41.679 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

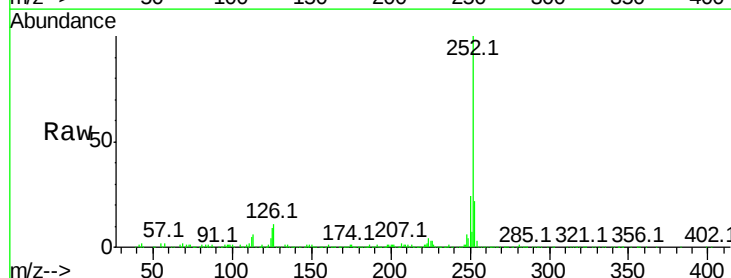
Tgt Ion:252 Resp: 286520

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

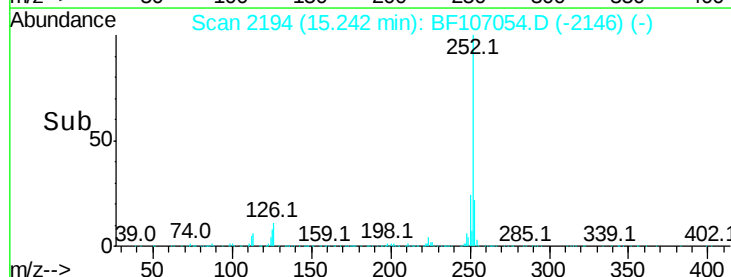
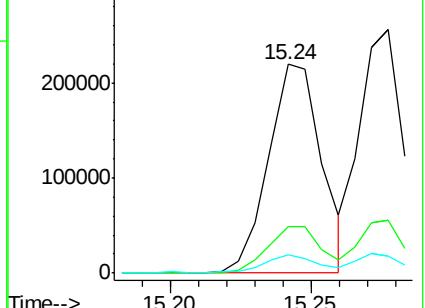
125 8.7 9.0 13.6#

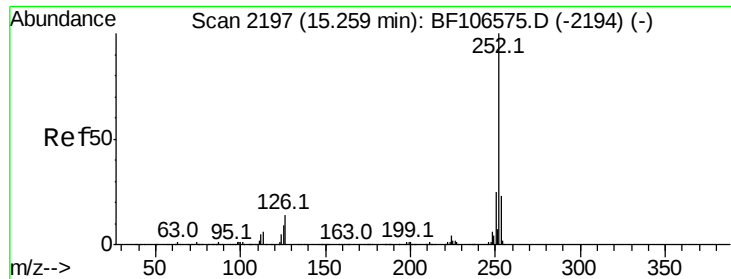


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

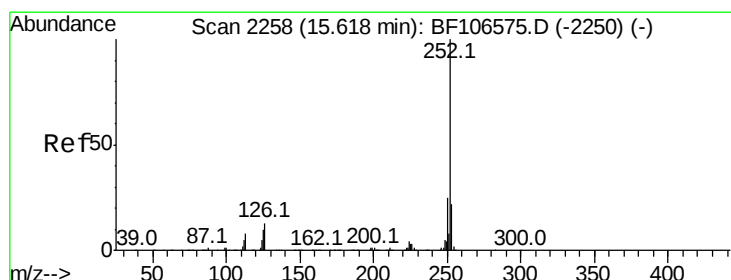
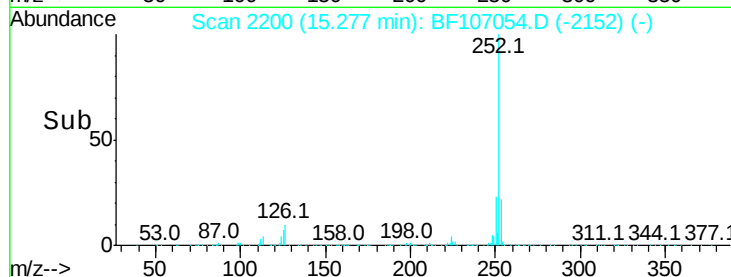
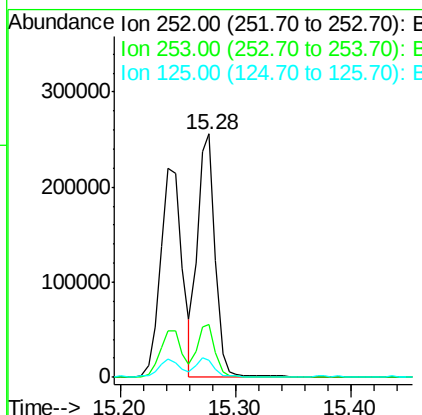
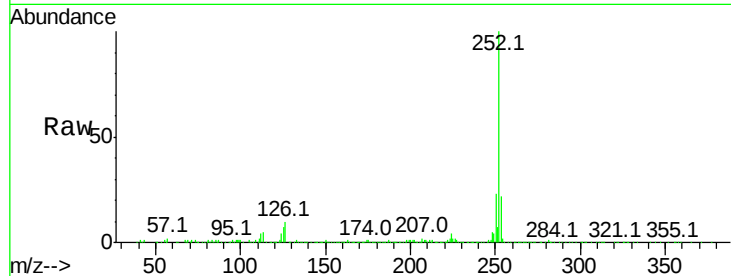




#88
Benzo(k)fluoranthene
Concen: 42.081 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

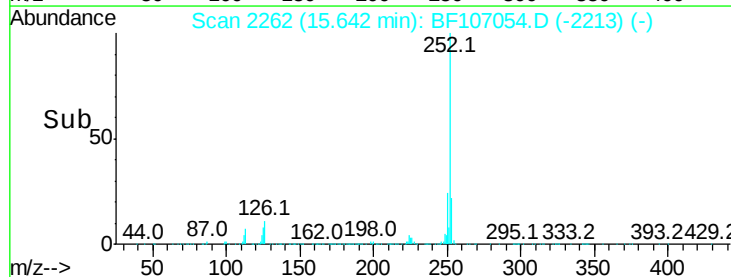
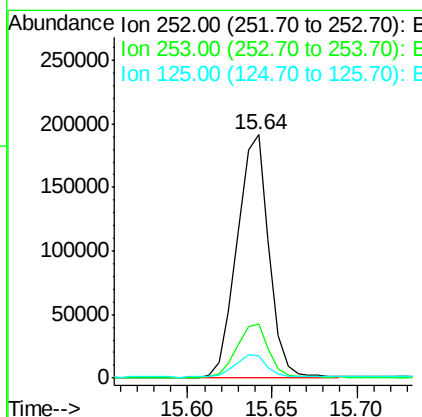
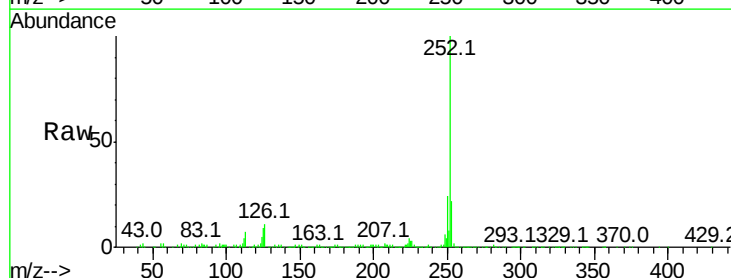
Instrument :
BNA_F
ClientSampleId :

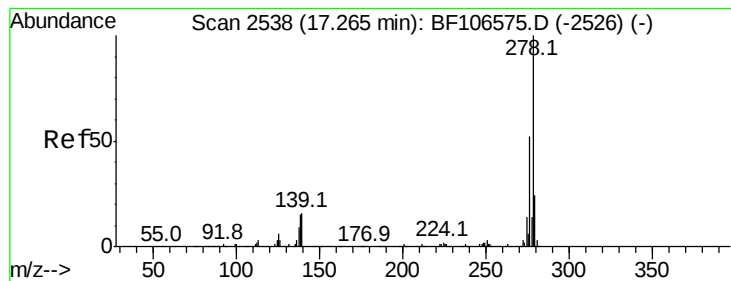
Tot Ion:252 Resp: 275482
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.0 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 41.109 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF107054.D
Acq: 2 Jul 2018 19:45

Tgt Ion:252 Resp: 251228
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.0 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 42.920 ng

RT: 17.31 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

Instrument :

BNA_F

ClientSampleId :

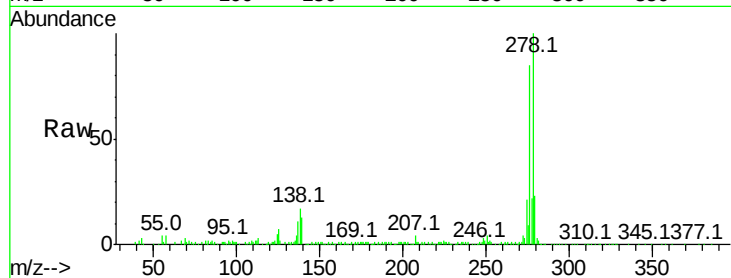
Tot Ion:278 Resp: 222292

Ion Ratio Lower Upper

278 100

139 12.7 15.9 23.9#

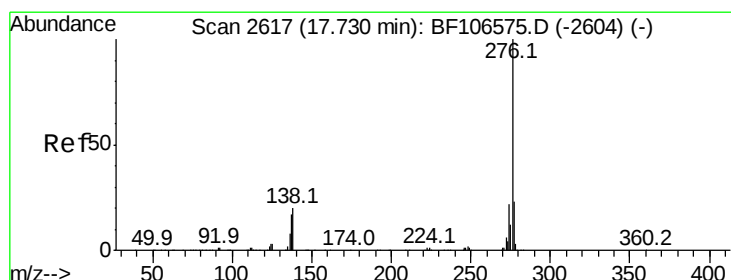
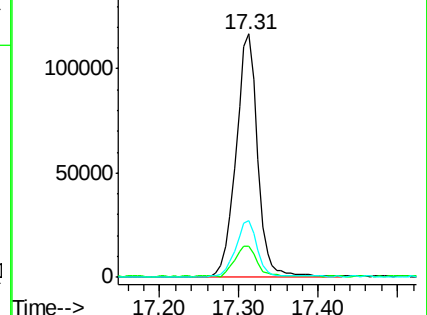
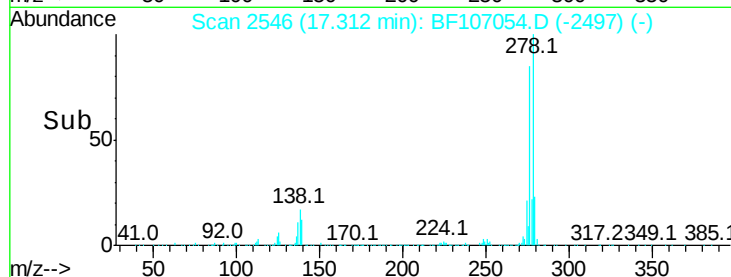
279 23.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.251 ng

RT: 17.79 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF107054.D

Acq: 2 Jul 2018 19:45

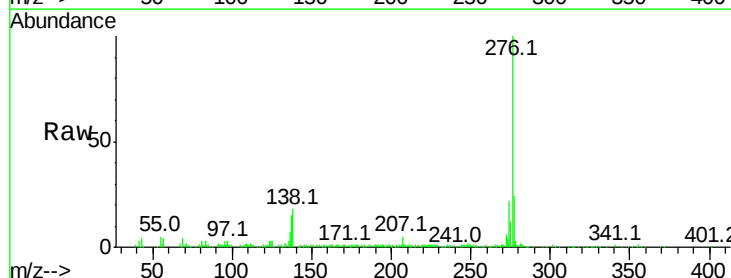
Tgt Ion:276 Resp: 208824

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 17.8 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

