

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103888.D
 Acq On : 23 Mar 2018 18:46
 Operator : JU/SJ
 Sample : J2009-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 23:09:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137848	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	546934	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	223674	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	348756	20.00	ng	0.00
75) Chrysene-d12	14.17	240	237634	20.00	ng	0.00
86) Perylene-d12	15.72	264	181561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	999332	110.26	ng	0.02
7) Phenol-d6	6.60	99	1245199	112.30	ng	0.00
23) Nitrobenzene-d5	7.55	82	748229	95.40	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	237628	123.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1151005	82.08	ng	0.00
78) Terphenyl-d14	13.10	244	910368	88.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	134077	30.044	ng	89
3) Pyridine	3.66	79	371251	30.245	ng	87
4) n-Nitrosodimethylamine	3.62	42	144818	31.998	ng	# 73
6) Aniline	6.65	93	231696	14.634	ng	95
8) 2-Chlorophenol	6.76	128	355689	37.464	ng	97
9) Benzaldehyde	6.53	77	94957	13.036	ng	97
10) Phenol	6.62	94	454093	38.541	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	340845	35.043	ng	97
12) 1,3-Dichlorobenzene	6.92	146	371271	34.335	ng	98
13) 1,4-Dichlorobenzene	7.00	146	374245	34.443	ng	99
14) 1,2-Dichlorobenzene	7.15	146	345705	34.287	ng	98
15) Benzyl Alcohol	7.12	79	283043	32.946	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	432661	31.275	ng	92
17) 2-Methylphenol	7.22	107	291608	34.491	ng	99
18) Hexachloroethane	7.49	117	92721	24.259	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	226339	31.852	ng	90
20) 3+4-Methylphenols	7.37	107	355909	33.171	ng	# 90
22) Acetophenone	7.39	105	461876	32.859	ng	# 93
24) Nitrobenzene	7.56	77	351982	38.227	ng	94
25) Isophorone	7.79	82	639243	35.209	ng	99
26) 2-Nitrophenol	7.87	139	133444	40.042	ng	91
27) 2,4-Dimethylphenol	7.90	122	311882	40.098	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	420492	38.247	ng	99
29) 2,4-Dichlorophenol	8.12	162	277523	39.219	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	287755	35.060	ng	97
31) Naphthalene	8.29	128	962376	34.833	ng	100
32) Benzoic acid	8.04	122	16298	12.262	ng	90
33) 4-Chloroaniline	8.33	127	127160	10.971	ng	95
34) Hexachlorobutadiene	8.39	225	151918	33.760	ng	99
35) Caprolactam	8.70	113	89827	36.865	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	286253	36.694	ng	93
37) 2-Methylnaphthalene	8.97	142	619726	35.371	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	255528	40.044	ng	99
40) Hexachlorocyclopentadiene	9.12	237	26110	7.930	ng	96

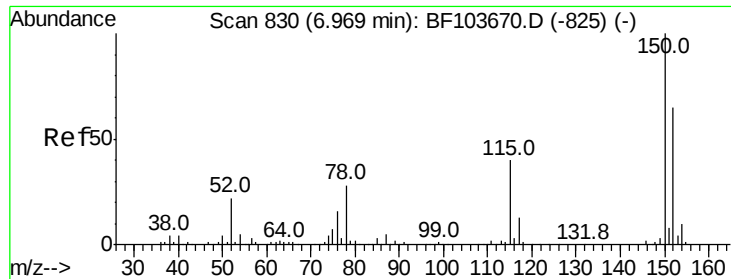
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	177233	43.423	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	177976	38.633	nq	98
45) 1,1'-Biphenyl	9.44	154	703342	37.710	nq	99
46) 2-Chloronaphthalene	9.47	162	548030	36.994	nq	98
47) 2-Nitroaniline	9.56	65	178238	46.278	nq	88
48) Acenaphthylene	9.89	152	820744	35.729	nq	100
49) Dimethylphthalate	9.73	163	743090	43.544	nq	99
50) 2,6-Dinitrotoluene	9.80	165	119677	37.228	nq	95
51) Acenaphthene	10.06	154	471528	34.570	nq	99
52) 3-Nitroaniline	9.97	138	162153	41.542	nq	90
53) 2,4-Dinitrophenol	10.08	184	8874	22.206	nq	# 23
54) Dibenzofuran	10.23	168	703569	36.116	nq	100
55) 4-Nitrophenol	10.13	139	205508	66.660	nq	94
56) 2,4-Dinitrotoluene	10.20	165	142138	35.800	nq	# 95
57) Fluorene	10.57	166	536093	35.464	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	132566	40.611	nq	94
59) Diethylphthalate	10.43	149	605402	35.743	nq	99
60) 4-Chlorophenyl-phenylether	10.56	204	254414	36.826	nq	98
61) 4-Nitroaniline	10.59	138	159679	42.408	nq	95
62) Azobenzene	10.72	77	532296	30.911	nq	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	7815	14.534	nq	87
65) n-Nitrosodiphenylamine	10.68	169	480305	40.460	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	145634	40.671	nq	93
67) Hexachlorobenzene	11.12	284	151668	37.111	nq	91
68) Atrazine	11.20	200	131572	35.829	nq	100
69) Pentachlorophenol	11.32	266	143547	61.094	nq	98
70) Phenanthrene	11.54	178	744873	39.044	nq	99
71) Anthracene	11.59	178	718830	37.098	nq	99
72) Carbazole	11.75	167	659970	35.043	nq	100
73) Di-n-butylphthalate	12.06	149	838807	37.119	nq	99
74) Fluoranthene	12.73	202	769794	39.166	nq	100
76) Benzidine	12.85	184	376597	37.157	nq	98
77) Pyrene	12.97	202	757865	43.426	nq	99
79) Butylbenzylphthalate	13.57	149	322729	41.739	nq	98
80) Benzo(a)anthracene	14.16	228	590850	39.280	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	197306	39.214	nq	99
82) Chrysene	14.20	228	537864	37.511	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	437397	39.598	nq	99
84) Di-n-octyl phthalate	14.76	149	706649	43.974	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	409542	32.705	nq	97
87) Benzo(b)fluoranthene	15.26	252	453823	39.564	nq	99
88) Benzo(k)fluoranthene	15.29	252	419931	38.084	nq	99
89) Benzo(a)pyrene	15.65	252	404914	38.919	nq	96
90) Dibenzo(a,h)anthracene	17.32	278	331079	36.751	nq	99
91) Benzo(g,h,i)perylene	17.79	276	333606	38.065	nq	97

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

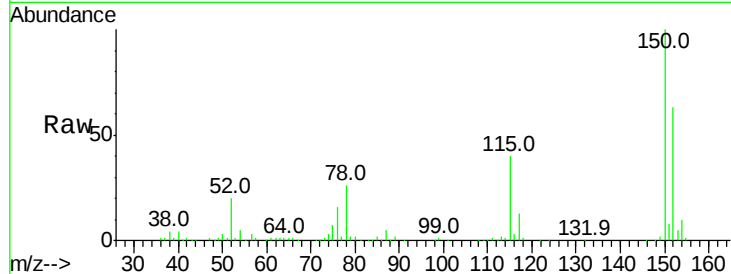


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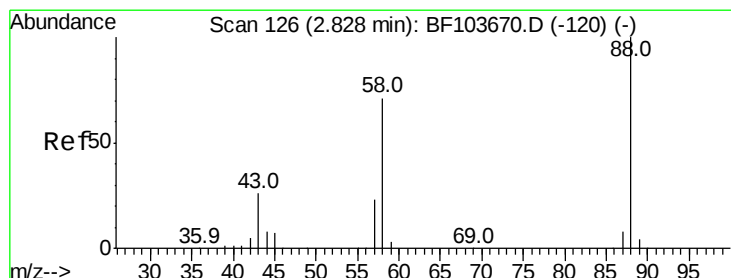
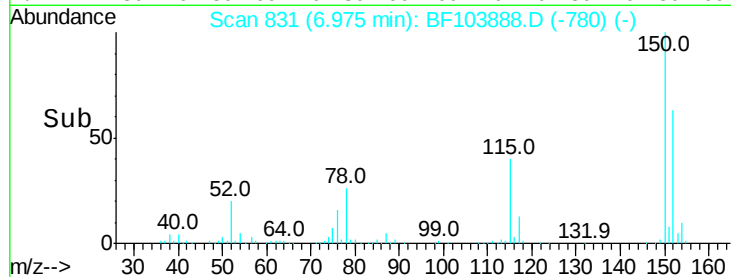
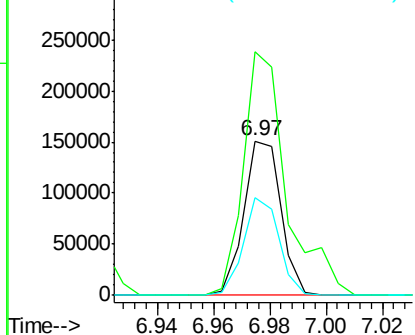
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 137848
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 63.6 50.1 75.1



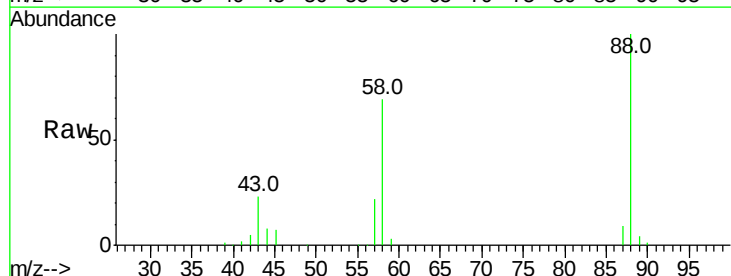
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



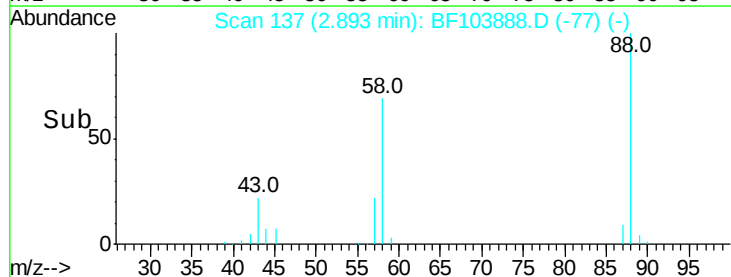
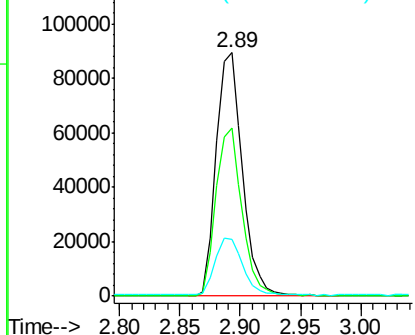
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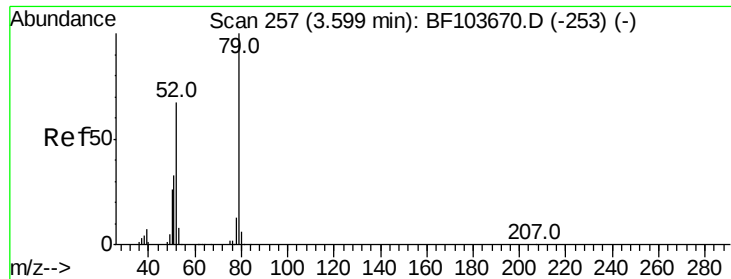
1,4-Dioxane
Concen: 30.044 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.05 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion: 88 Resp: 134077
Ion Ratio Lower Upper
88 100
58 68.5 62.6 93.8
43 24.7 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: 30.245 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

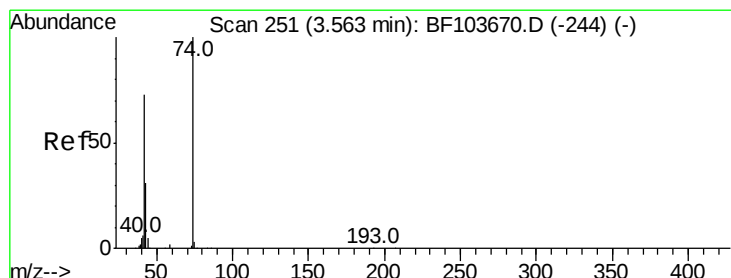
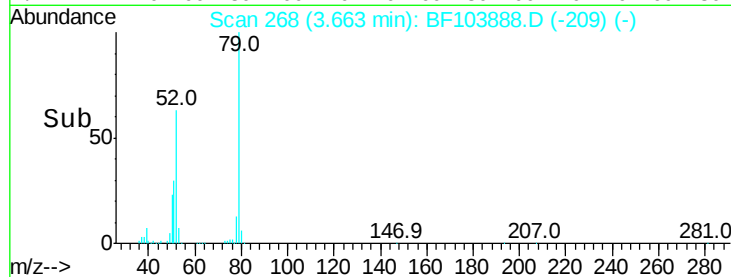
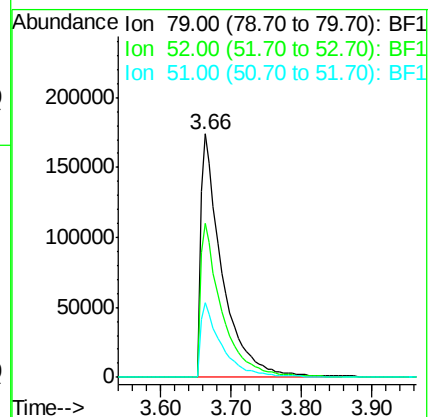
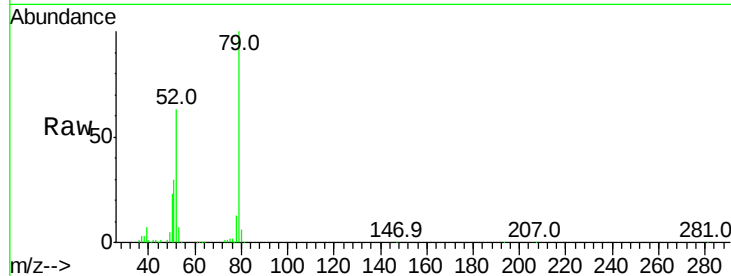
Tot Ion: 79 Resp: 371251

Ion Ratio Lower Upper

79 100

52 63.2 59.8 89.6

51 30.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.998 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.04 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

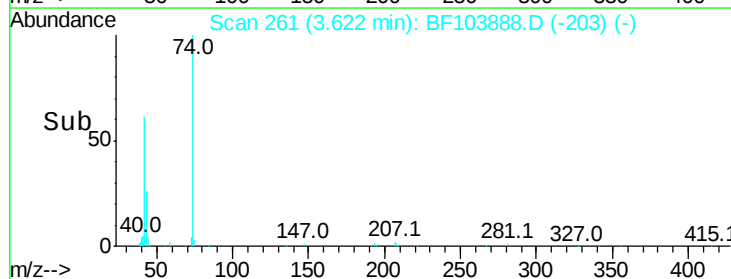
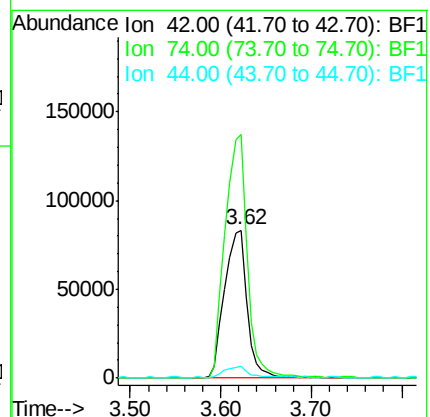
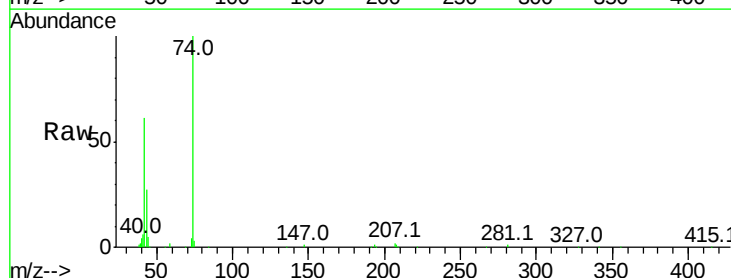
Tgt Ion: 42 Resp: 144818

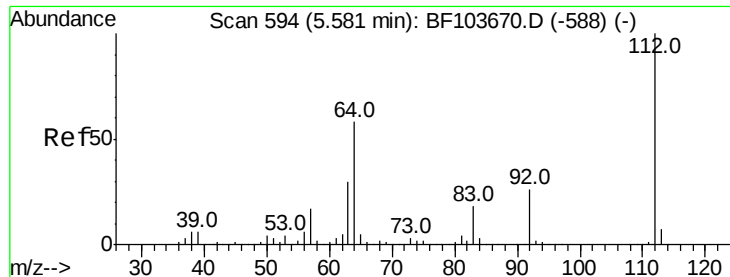
Ion Ratio Lower Upper

42 100

74 164.3 104.9 157.3#

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 110.265 ng

RT: 5.61 min Scan# 599

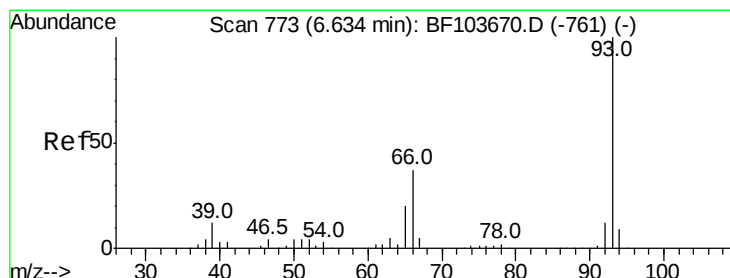
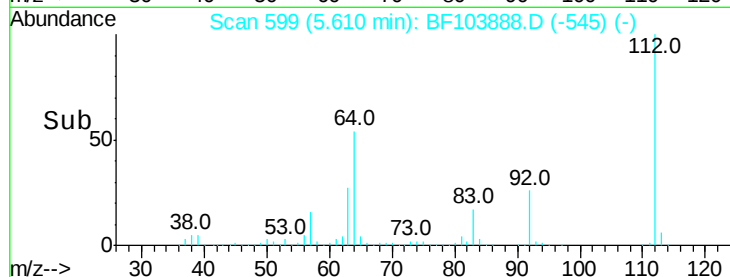
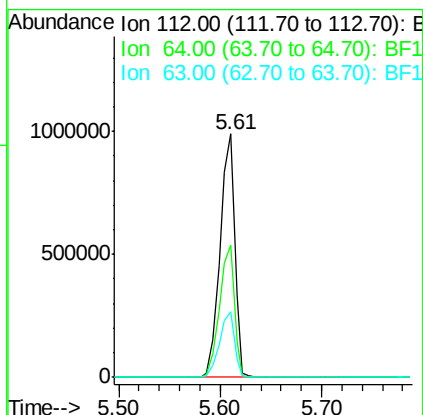
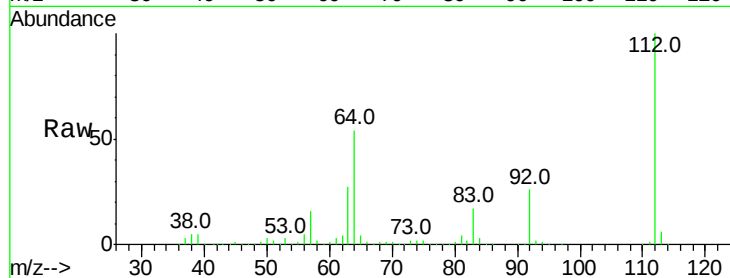
Delta R.T. 0.02 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	999332
Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.0	23.7	35.5



#6

Aniline

Concen: 14.634 ng

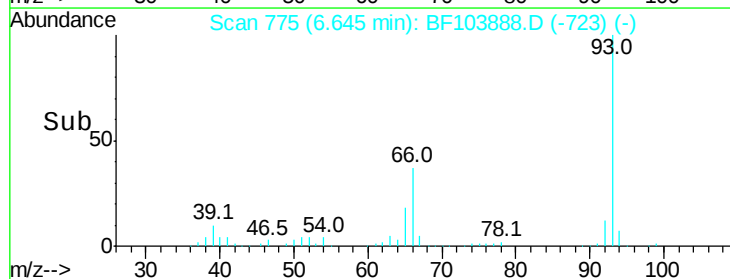
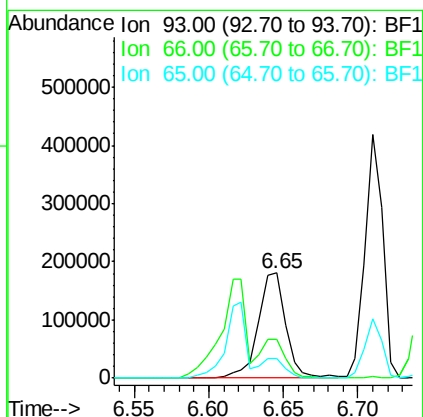
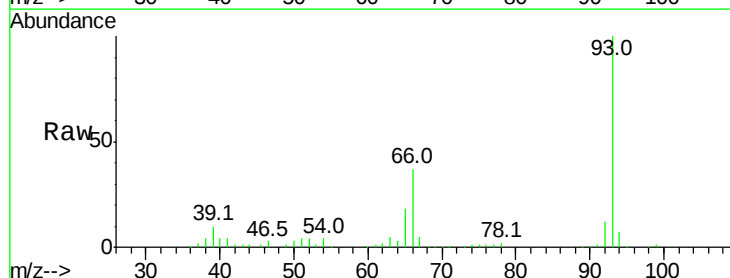
RT: 6.65 min Scan# 775

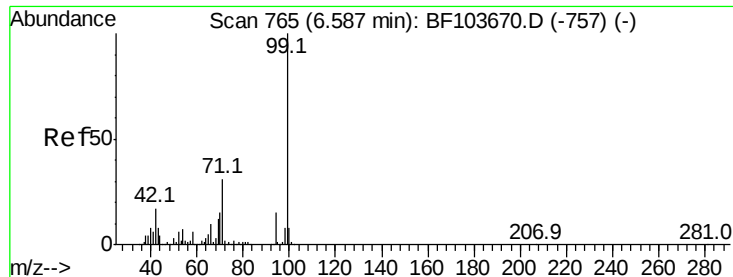
Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Tgt Ion:	93	Resp:	231696
Ion	Ratio	Lower	Upper
93	100		
66	37.2	32.2	48.2
65	18.5	16.4	24.6





#7

Phenol-d6

Concen: 112.302 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

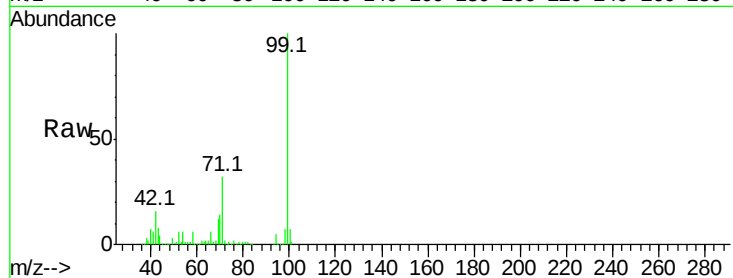
Tot Ion: 99 Resp: 1245199

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

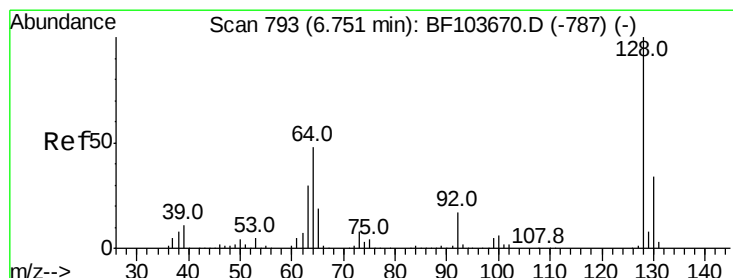
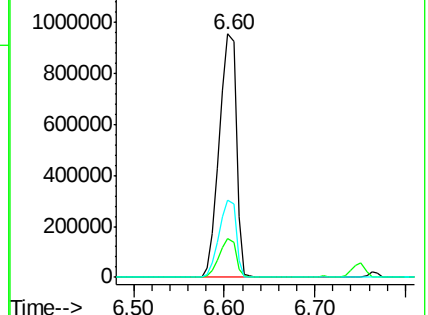
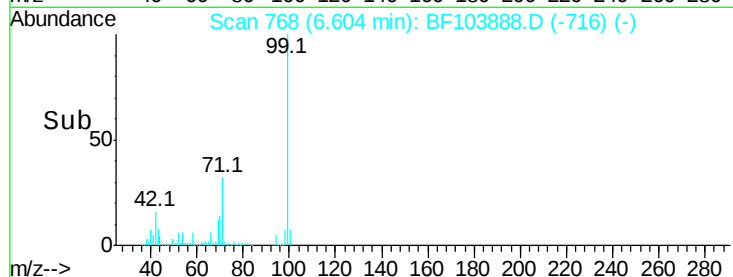
71 32.0 25.4 38.0



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: 37.464 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

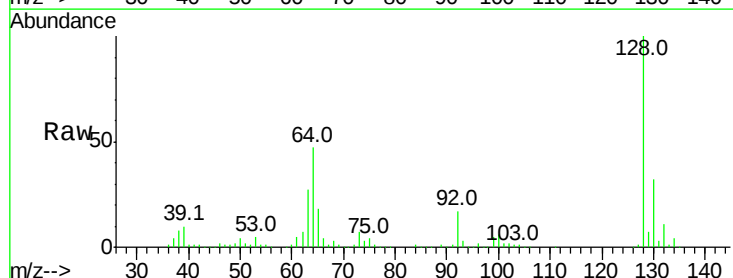
Tgt Ion:128 Resp: 355689

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

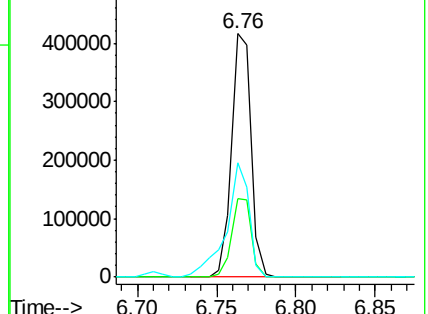
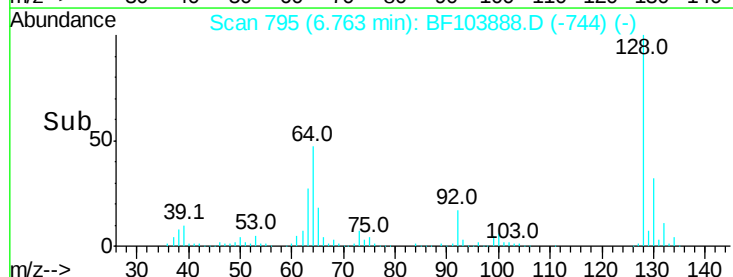
64 46.9 29.4 69.4

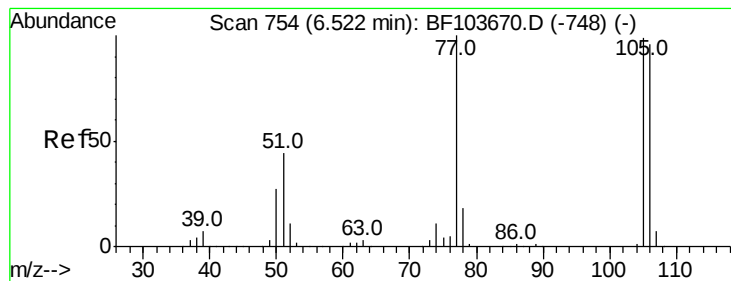


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.036 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

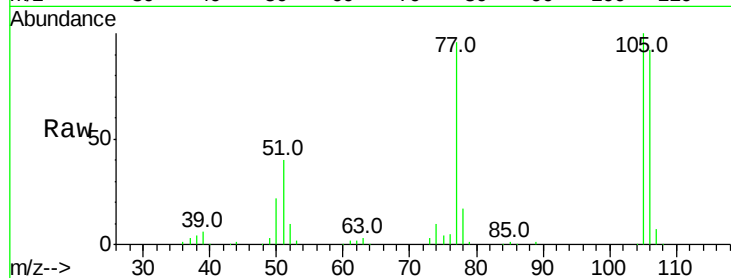
Tot Ion: 77 Resp: 94957

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

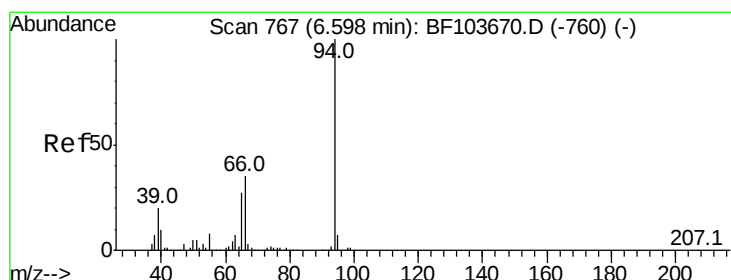
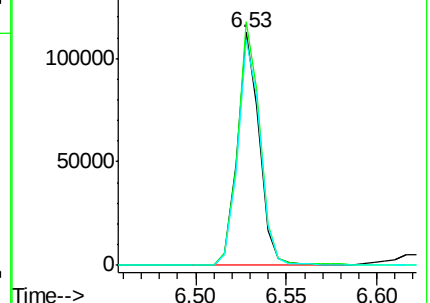
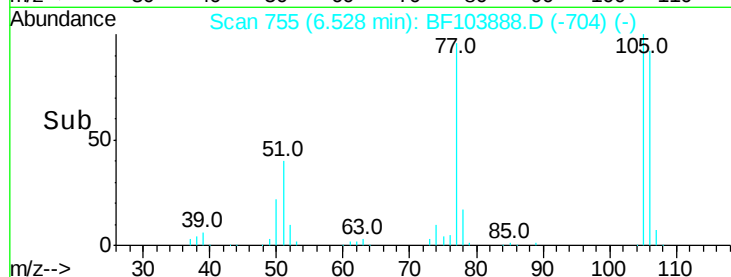
106 96.5 74.5 114.5



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: 38.541 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

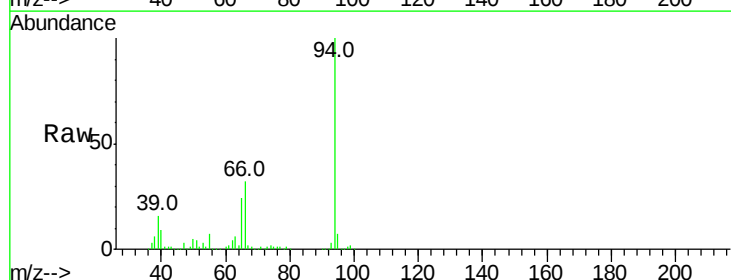
Tgt Ion: 94 Resp: 454093

Ion Ratio Lower Upper

94 100

65 24.3 7.9 47.9

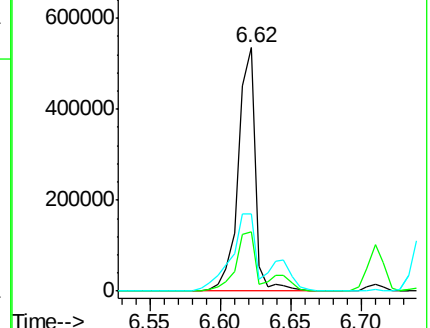
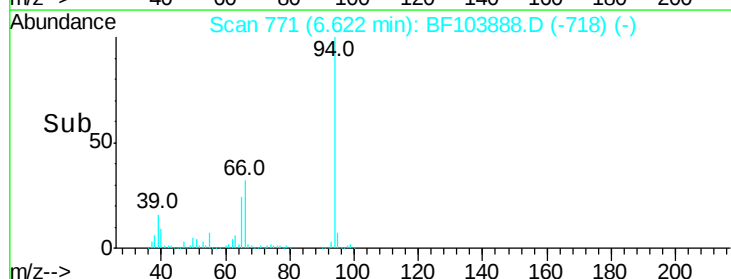
66 31.6 16.2 56.2

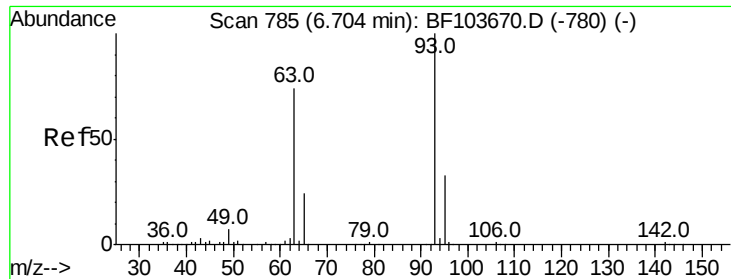


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.043 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampled :

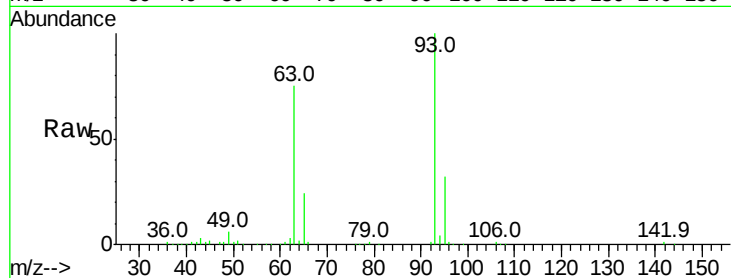
Tot Ion: 93 Resp: 340845

Ion Ratio Lower Upper

93 100

63 74.8 58.6 98.6

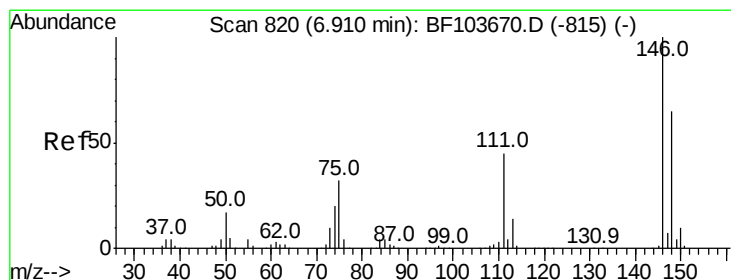
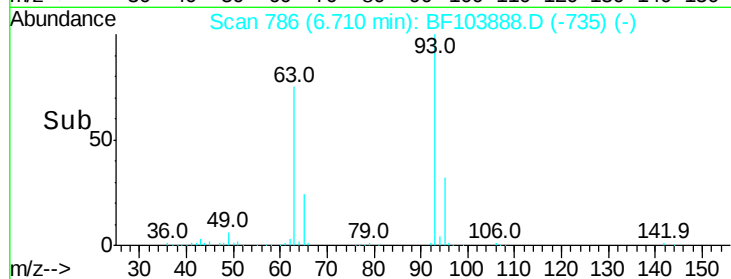
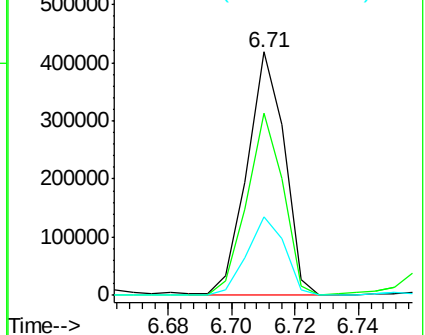
95 32.5 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.335 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

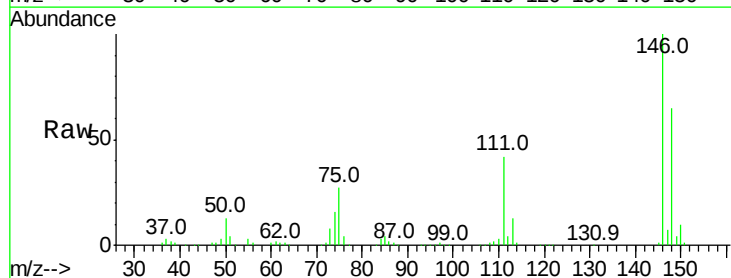
Tgt Ion: 146 Resp: 371271

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

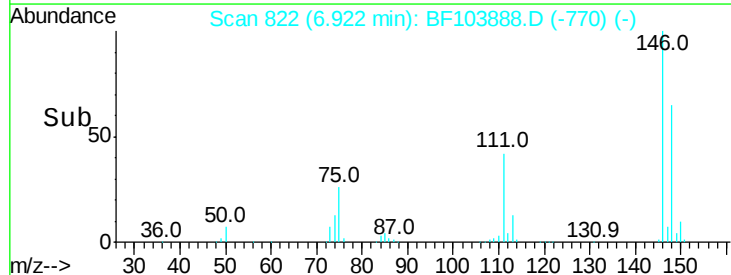
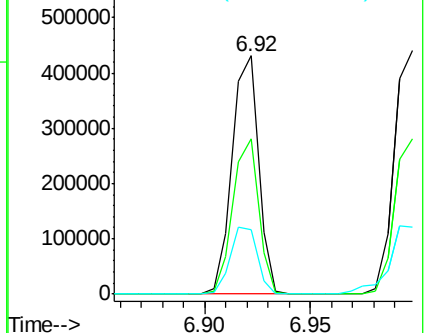
75 27.2 24.2 36.4

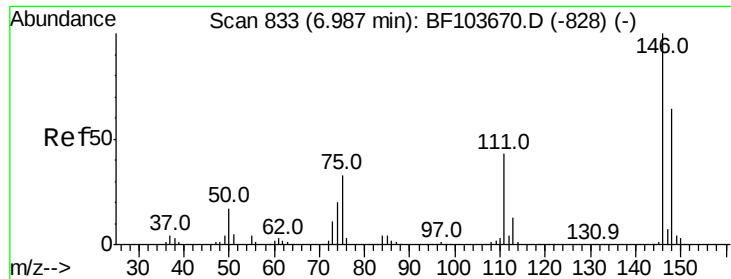


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

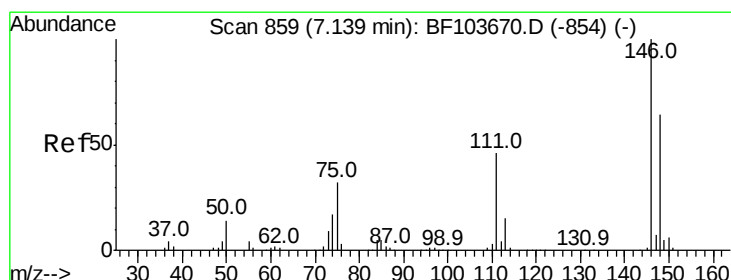
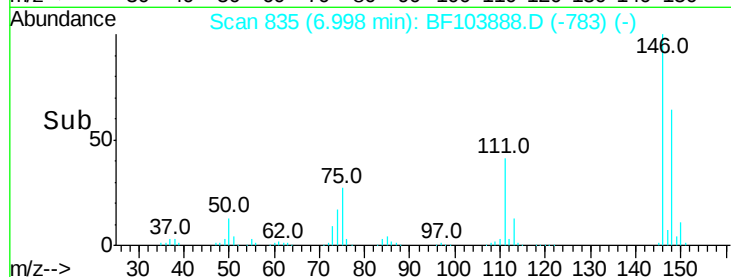
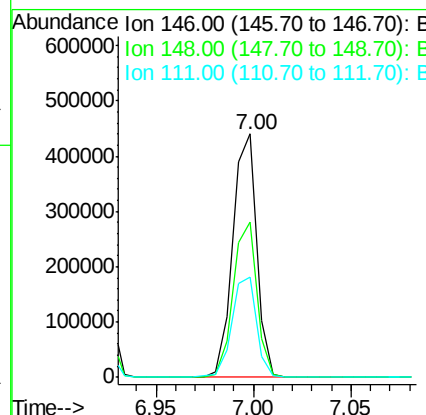
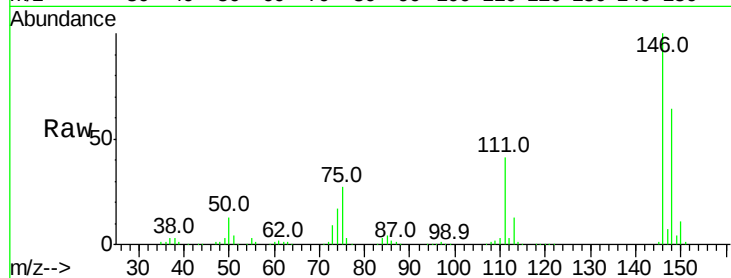




#13
 1,4-Dichlorobenzene
 Concen: 34.443 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

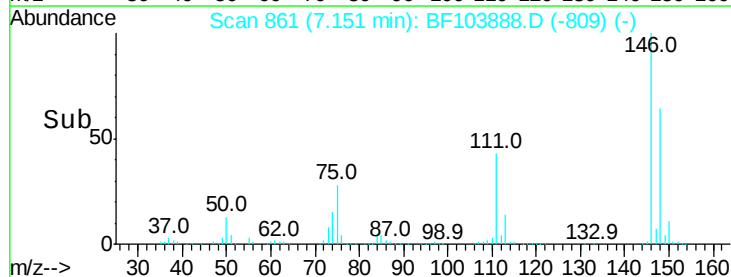
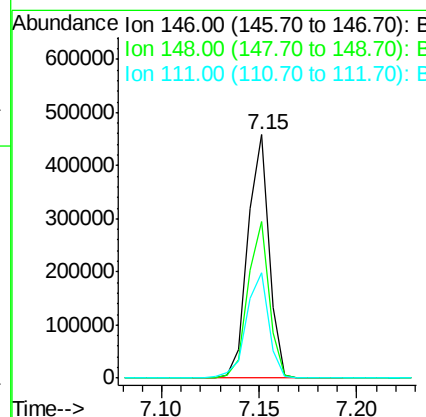
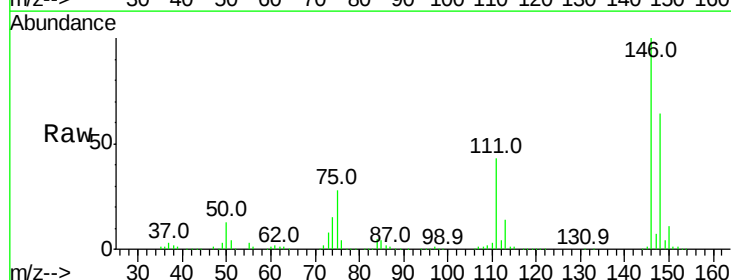
Instrument :
 BNA_F
 ClientSampled :

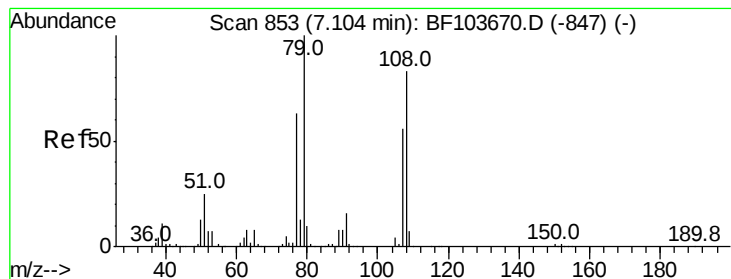
Tot Ion:146 Resp: 374245
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.287 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:146 Resp: 345705
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 43.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 32.946 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampled :

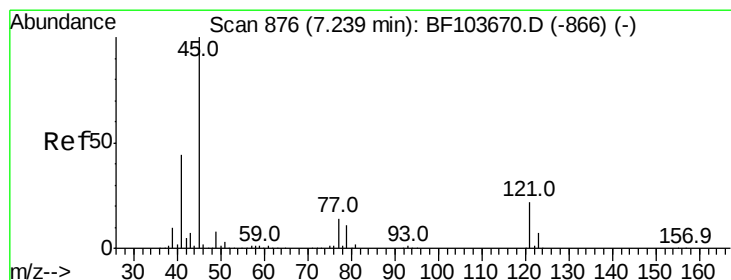
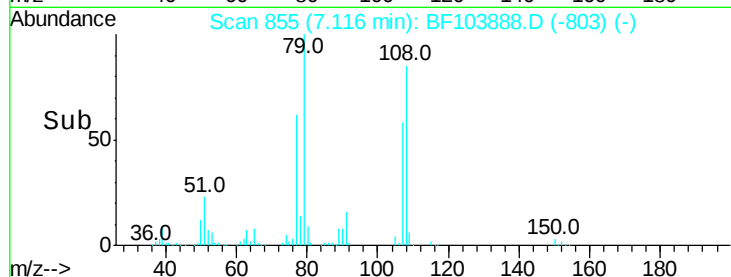
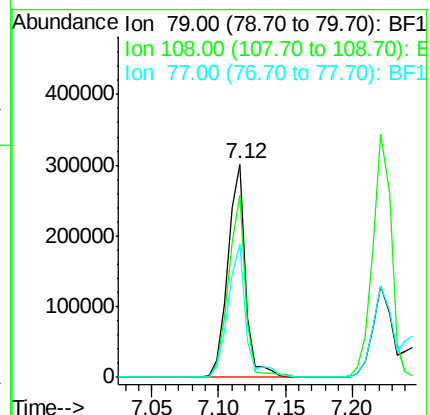
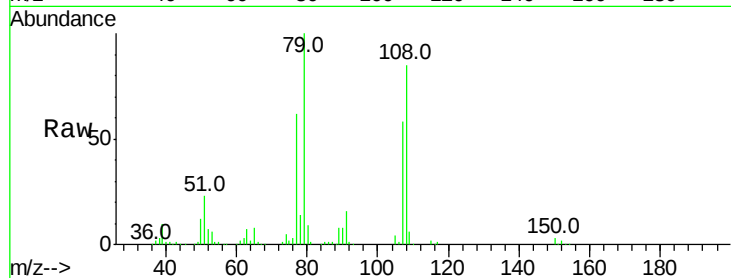
Tot Ion: 79 Resp: 283043

Ion Ratio Lower Upper

79 100

108 85.5 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.275 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

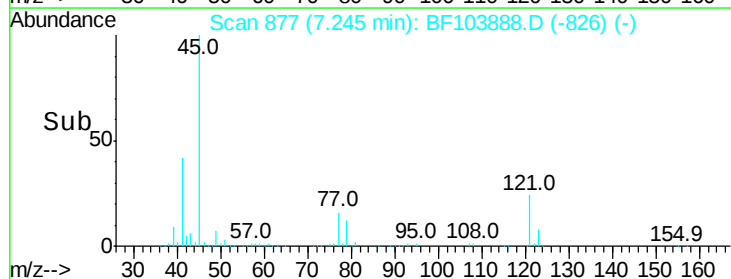
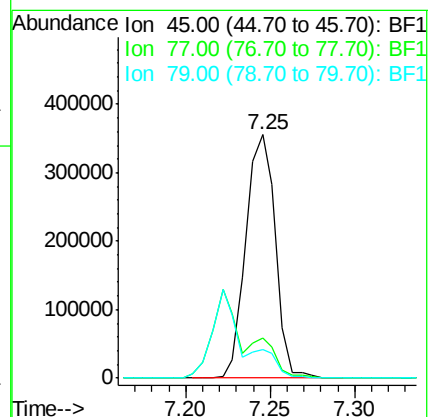
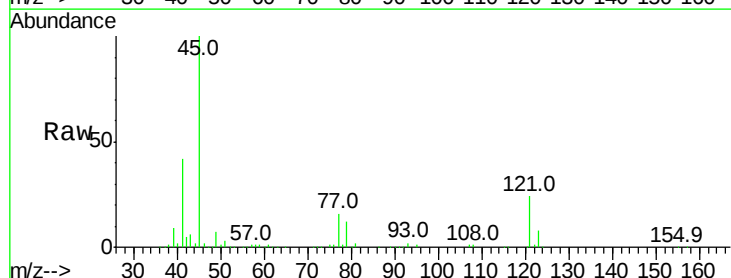
Tgt Ion: 45 Resp: 432661

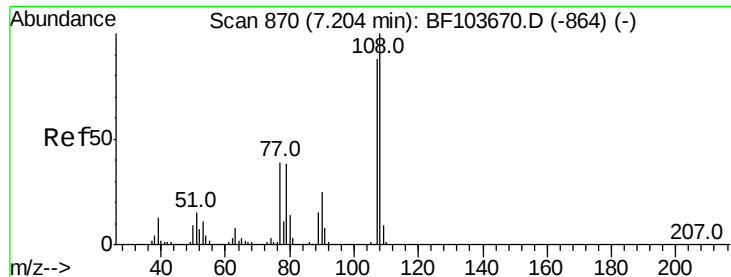
Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

79 12.0 0.0 29.6

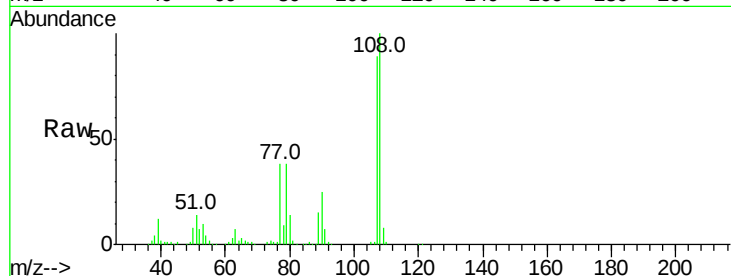




#17
2-Methylphenol
Concen: 34.491 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	42.2	33.8	50.8
79	42.3	33.8	50.8



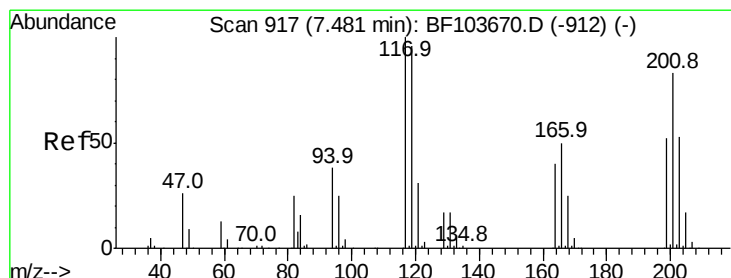
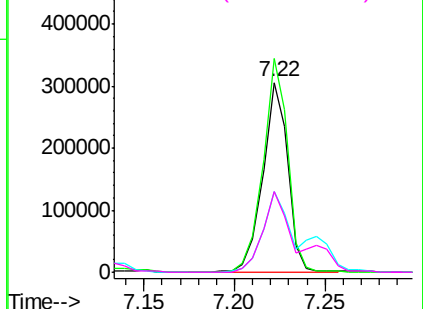
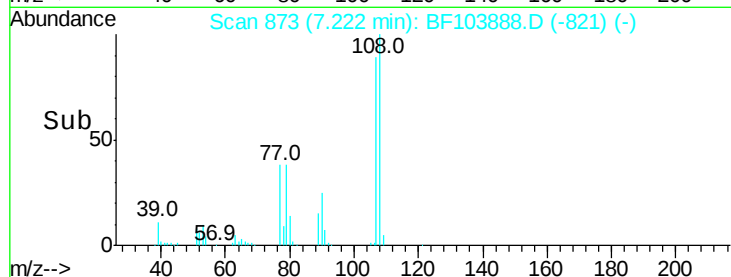
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

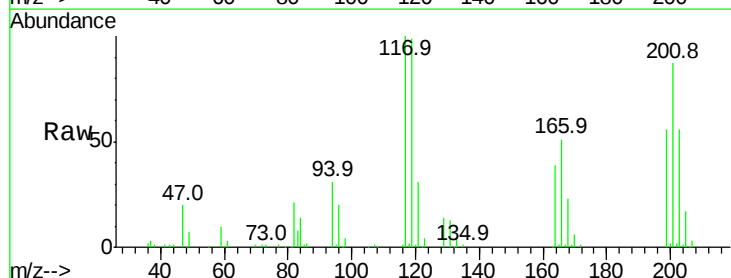
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 24.259 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.8
201	87.1	75.7	113.5

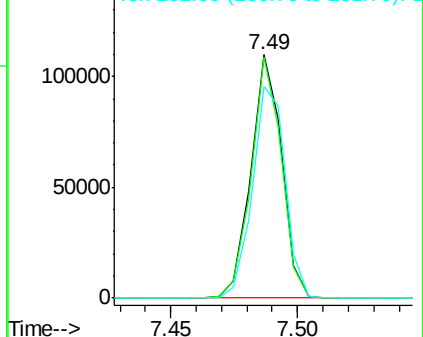
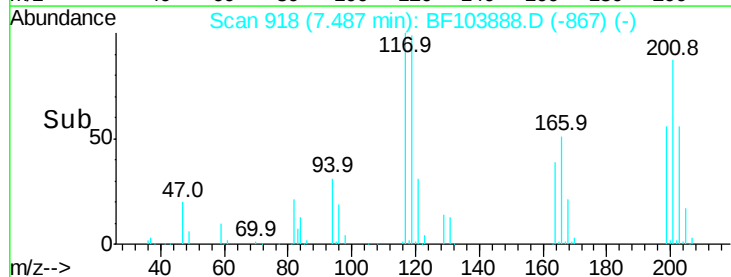


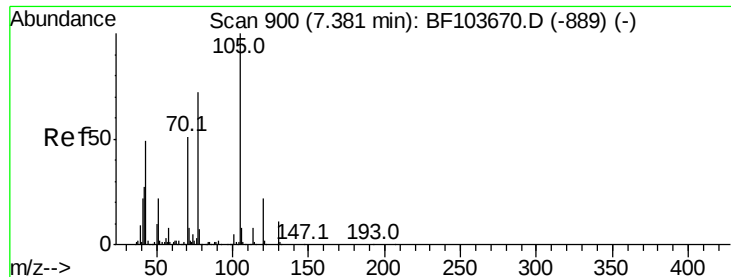
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.852 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 226339

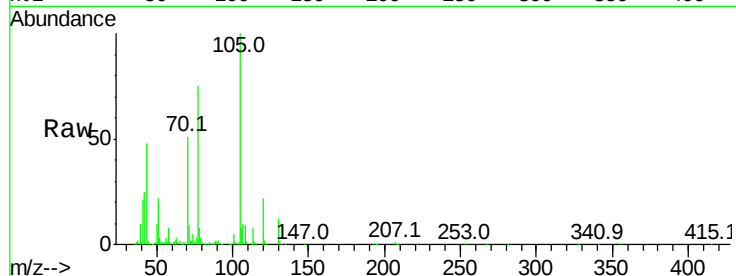
Ion Ratio Lower Upper

70 100

42 50.4 47.5 71.3

101 10.1 7.4 11.2

130 23.9 16.6 25.0

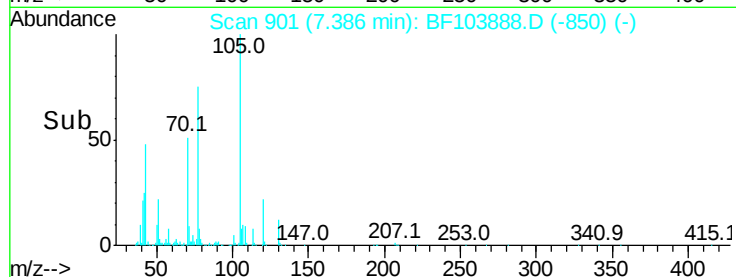


Abundance Ion 70.00 (69.70 to 70.70): BF1

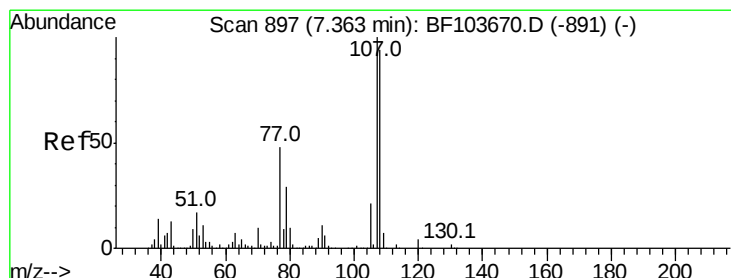
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time--> 7.30 7.35 7.40 7.45



#20

3+4-Methylphenols

Concen: 33.171 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Tgt Ion:107 Resp: 355909

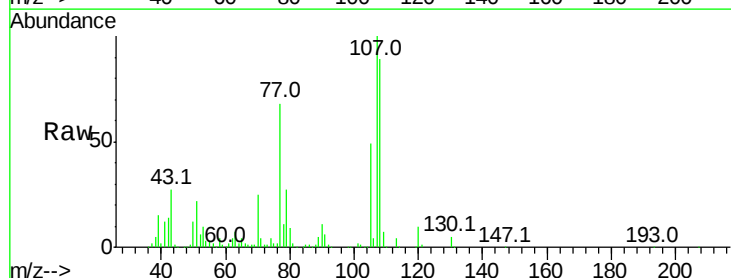
Ion Ratio Lower Upper

107 100

108 88.9 68.2 108.2

77 68.0 26.7 66.7#

79 27.2 6.3 46.3

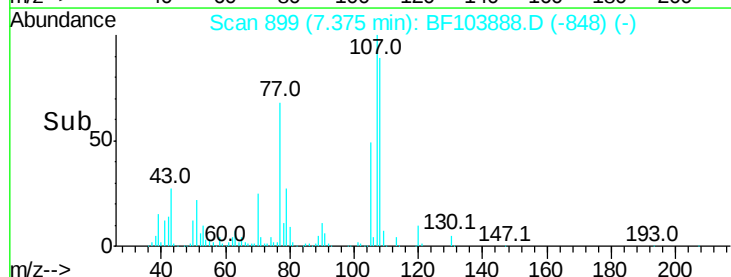


Abundance Ion 107.00 (106.70 to 107.70): BF1

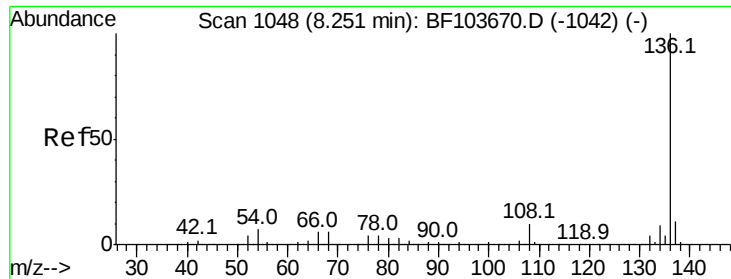
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



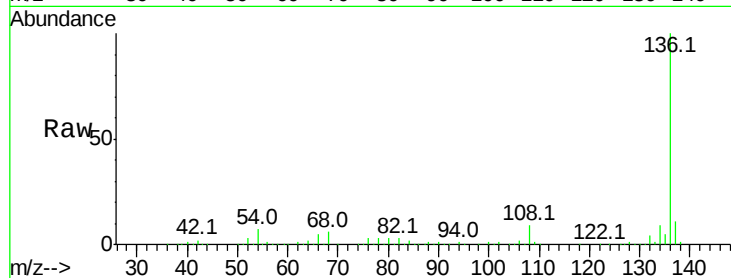
Time--> 7.30 7.35 7.40 7.45



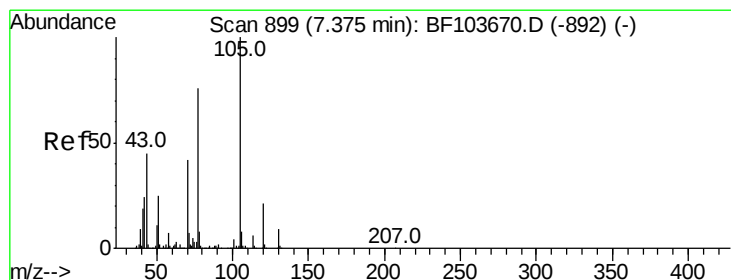
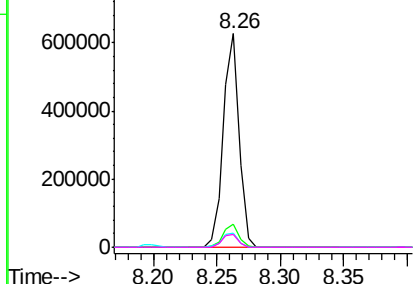
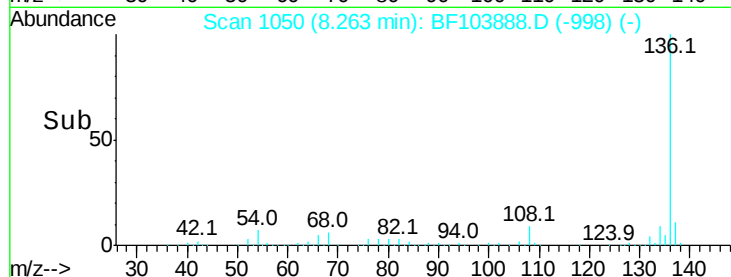
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	546934
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.5	6.6 9.8#
68	6.0	5.0 7.4

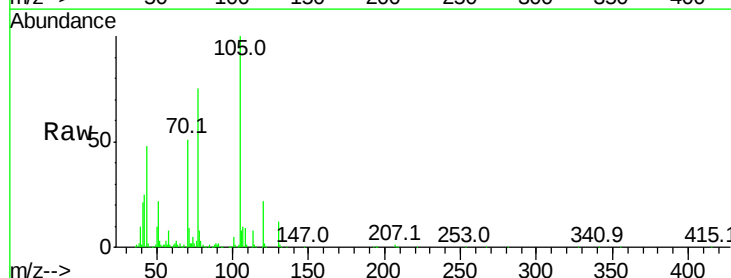


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

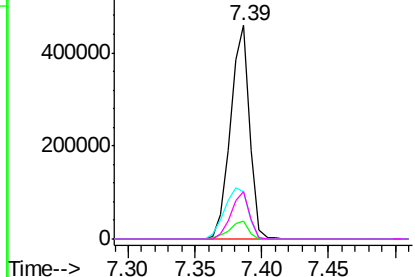
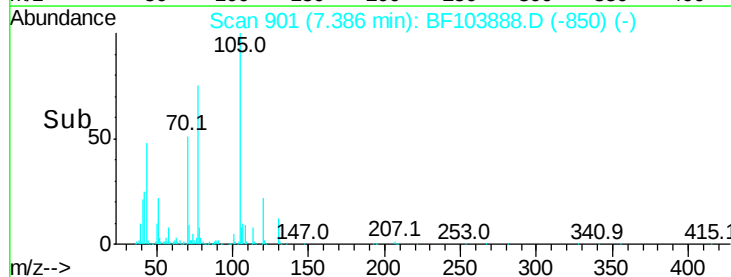


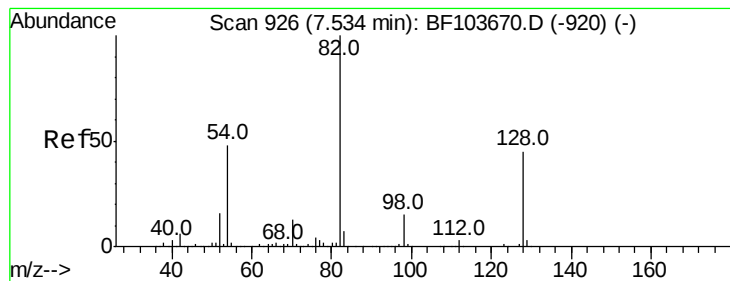
#22
Acetophenone
Concen: 32.859 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:105	Resp:	461876
Ion Ratio	Lower	Upper
105	100	
71	8.7	4.4 6.6#
51	22.0	22.3 33.5#
120	22.0	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: 95.402 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampled :

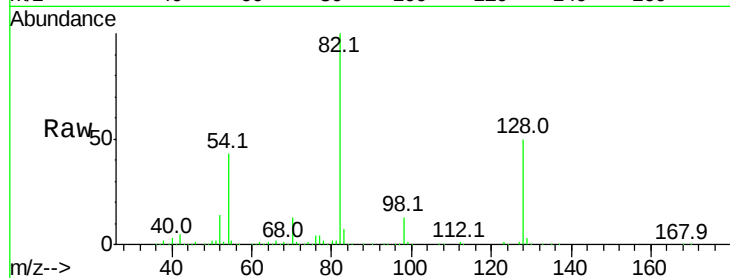
Tot Ion: 82 Resp: 748229

Ion Ratio Lower Upper

82 100

128 50.2 36.1 54.1

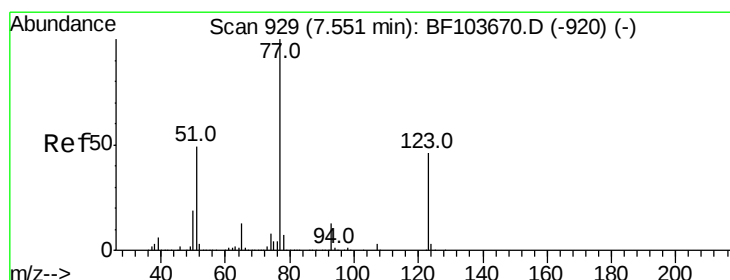
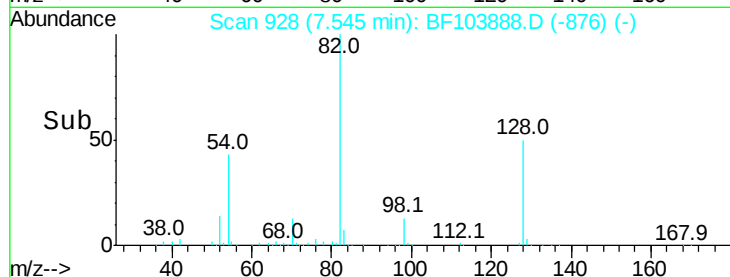
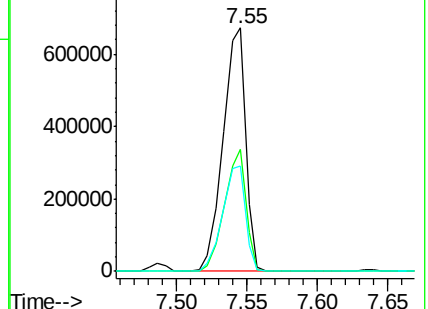
54 43.4 41.4 62.2



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: 38.227 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

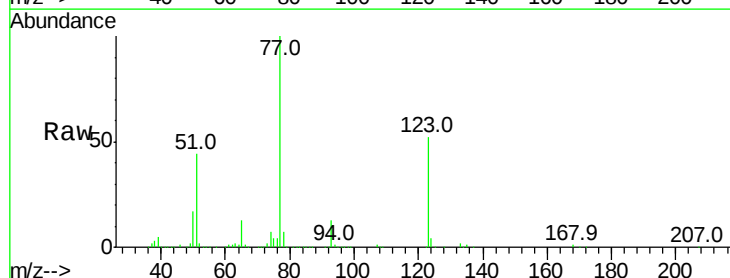
Tgt Ion: 77 Resp: 351982

Ion Ratio Lower Upper

77 100

123 52.0 37.9 56.9

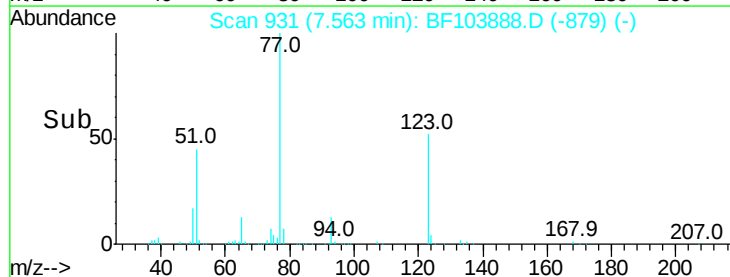
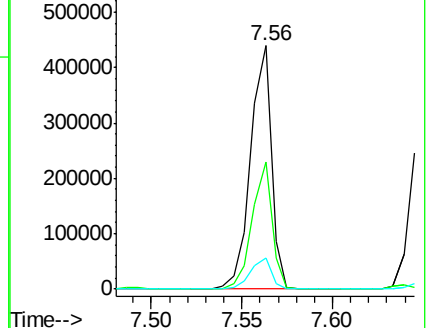
65 12.6 11.0 16.4

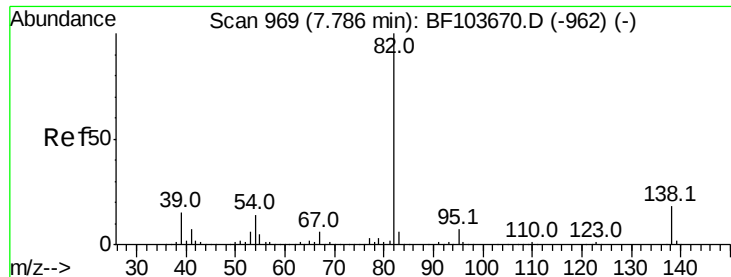


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.209 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

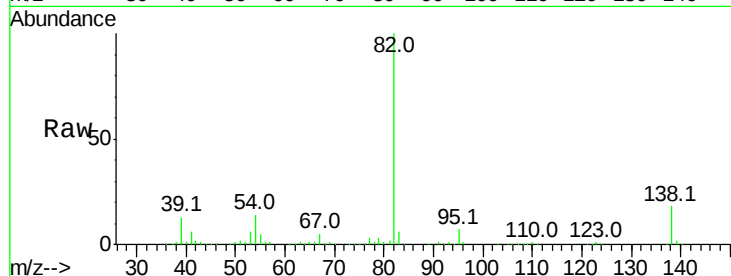
Tot Ion: 82 Resp: 639243

Ion Ratio Lower Upper

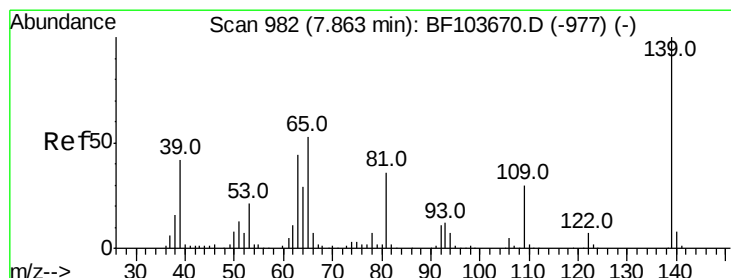
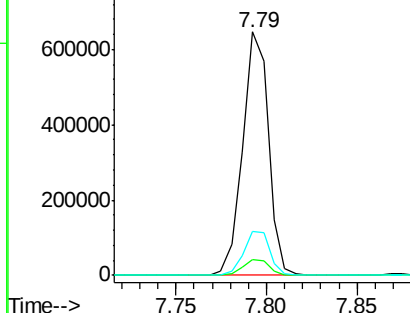
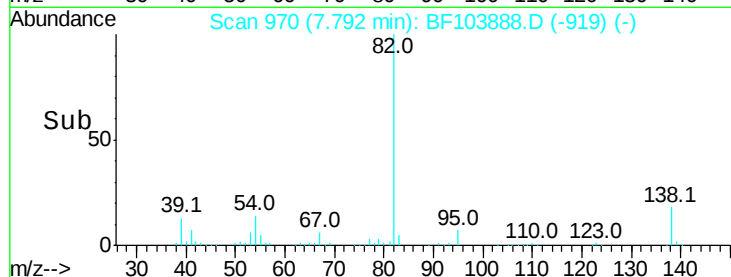
82 100

95 6.7 5.2 7.8

138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.042 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

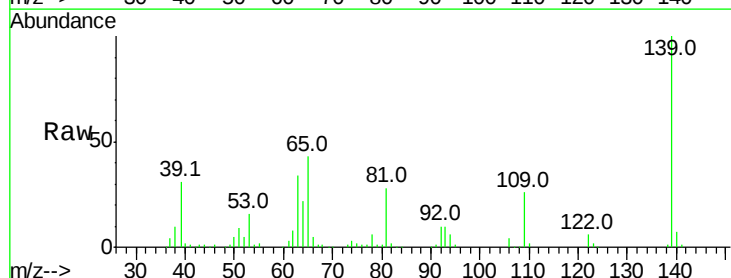
Tgt Ion: 139 Resp: 133444

Ion Ratio Lower Upper

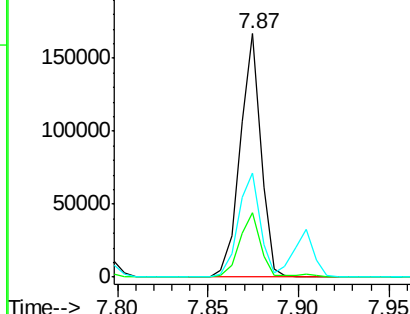
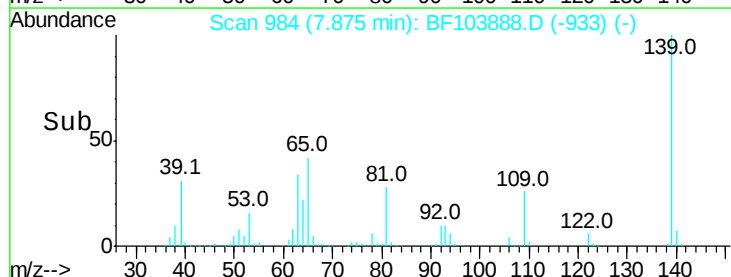
139 100

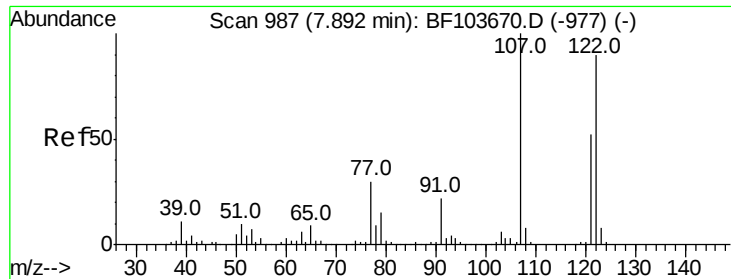
109 26.5 22.7 34.1

65 42.6 40.5 60.7



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

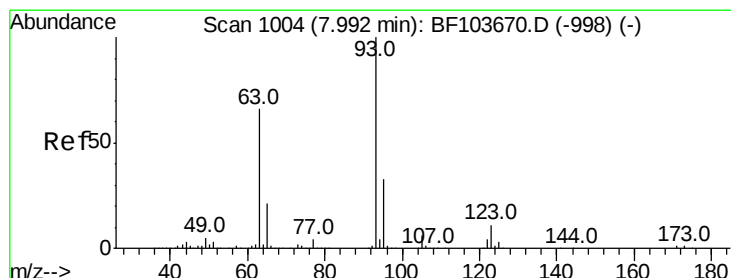
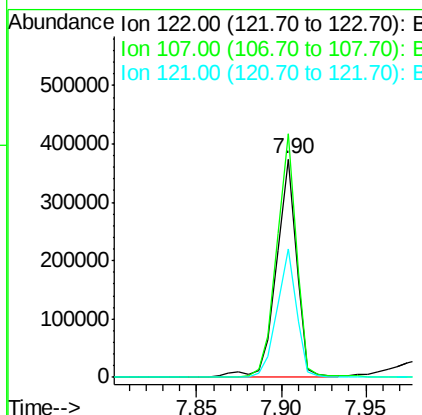
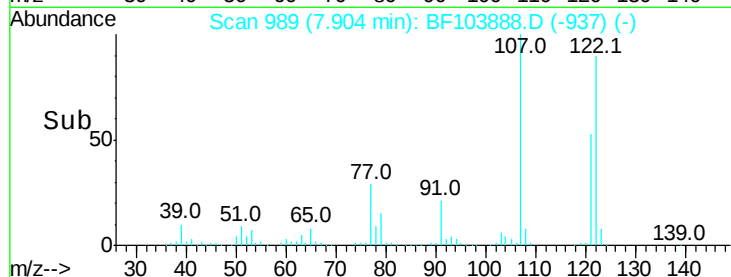
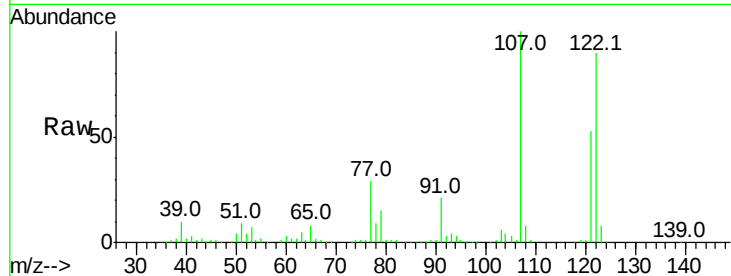




#27
2,4-Dimethylphenol
Concen: 40.098 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

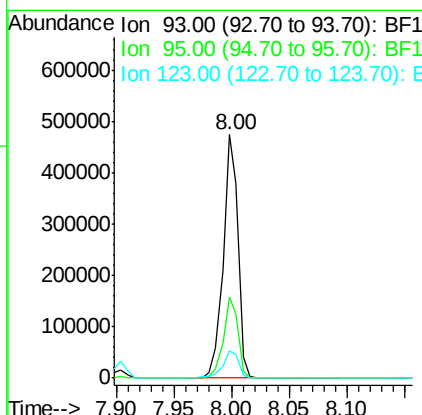
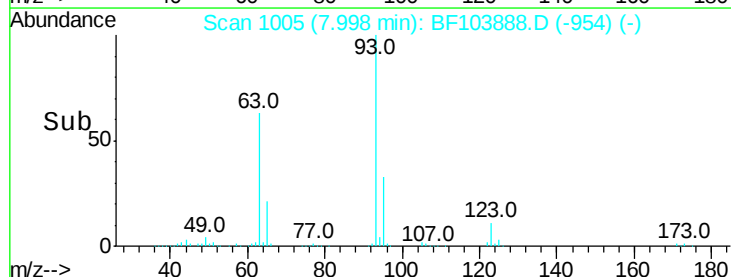
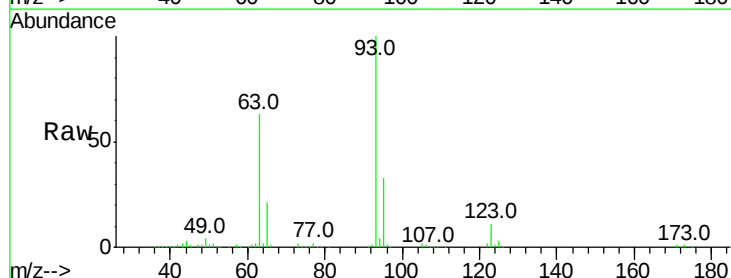
Instrument :
BNA_F
ClientSampled :

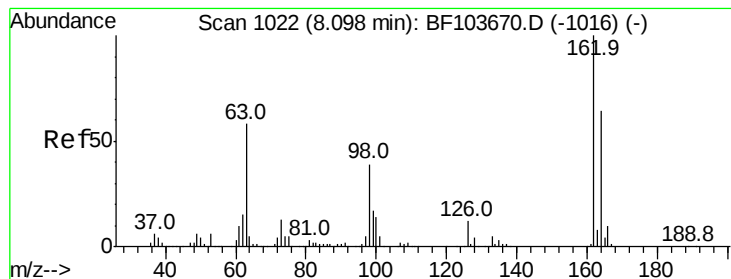
Tot Ion:122 Resp: 311882
Ion Ratio Lower Upper
122 100
107 111.4 91.2 136.8
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.247 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion: 93 Resp: 420492
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.219 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

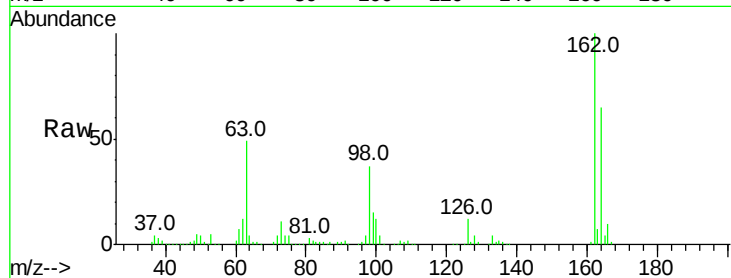
Tot Ion:162 Resp: 277523

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

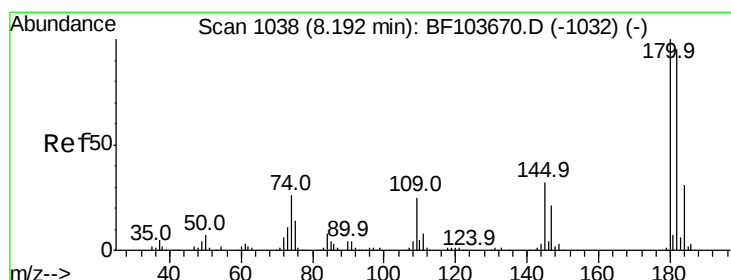
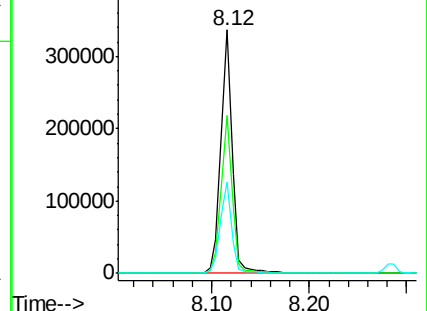
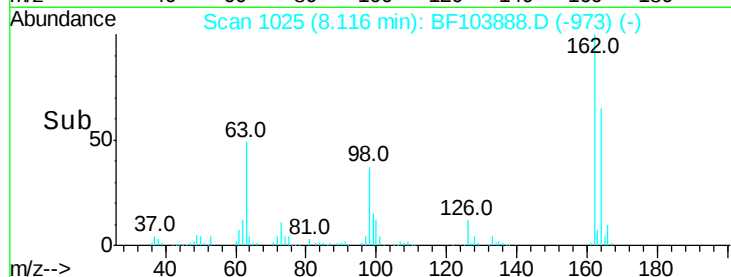
98 37.5 18.1 58.1



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: 35.060 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

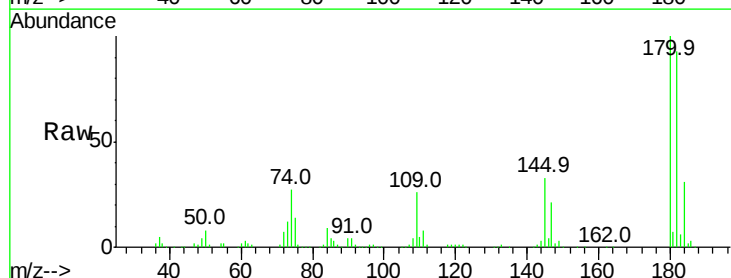
Tgt Ion:180 Resp: 287755

Ion Ratio Lower Upper

180 100

182 92.6 76.8 115.2

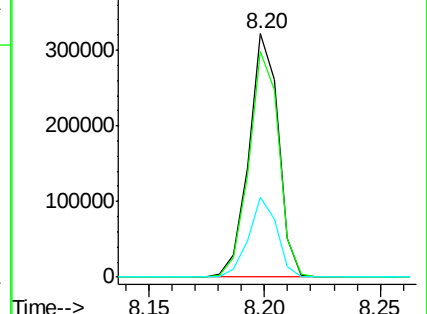
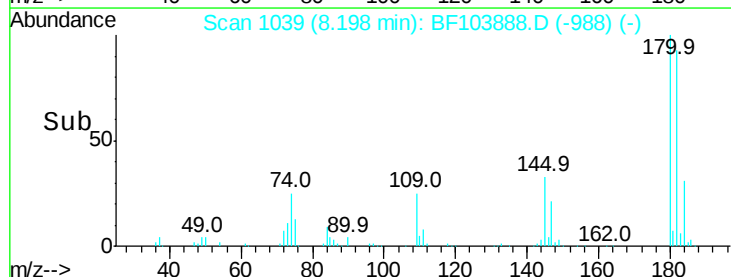
145 32.9 26.5 39.7

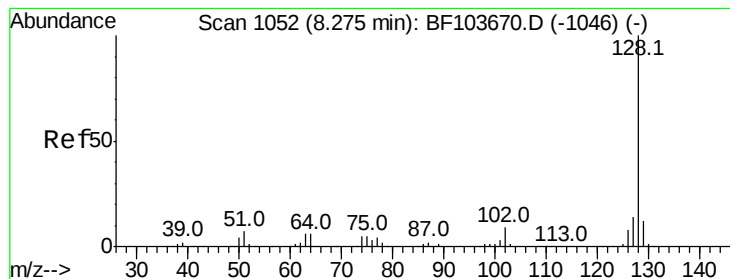


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.833 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

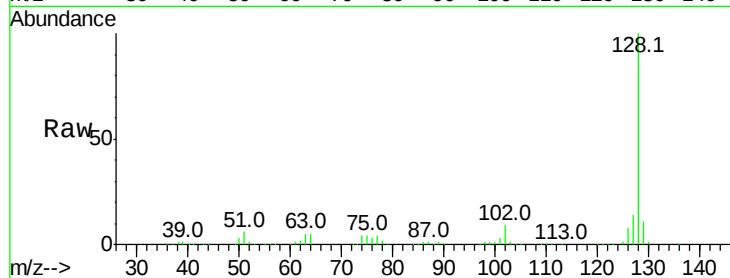
Tot Ion:128 Resp: 962376

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

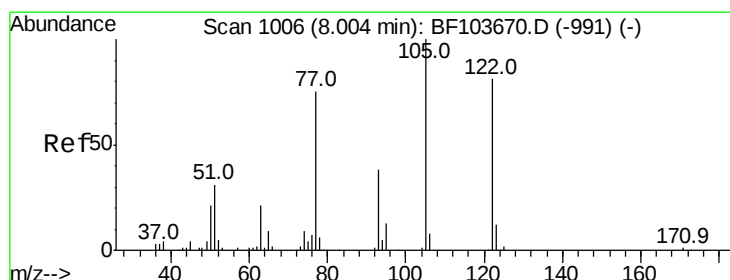
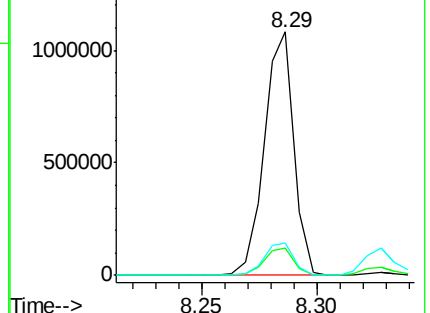
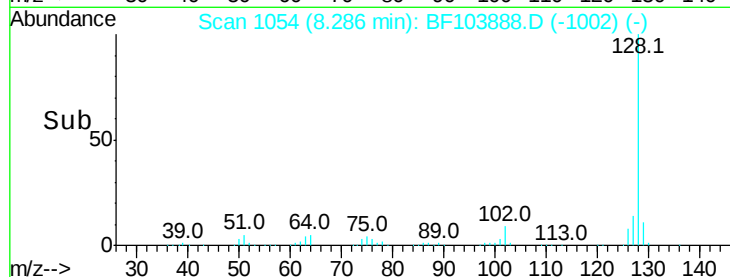
127 13.5 10.9 16.3



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: 12.262 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

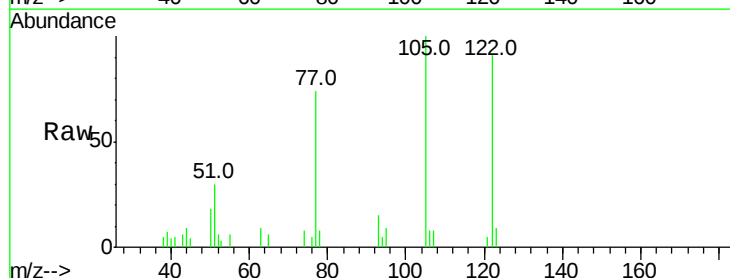
Tgt Ion:122 Resp: 16298

Ion Ratio Lower Upper

122 100

105 109.6 101.1 141.1

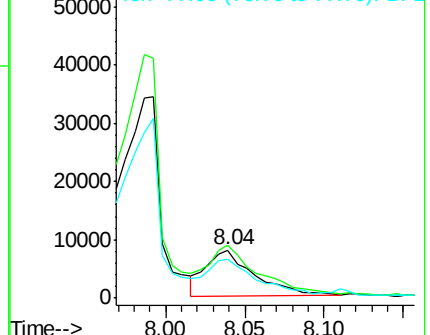
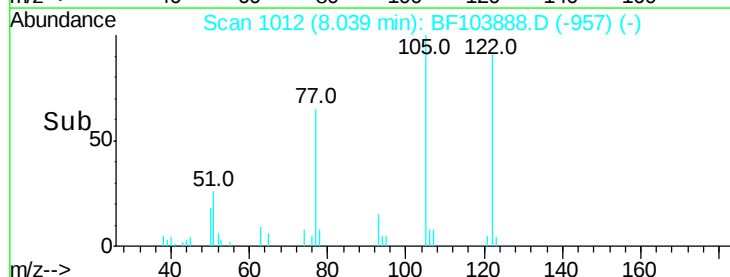
77 81.5 70.7 110.7

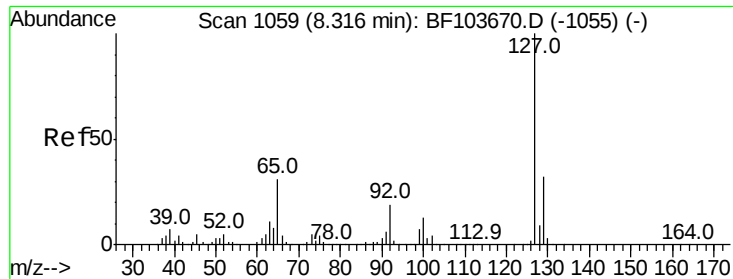


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

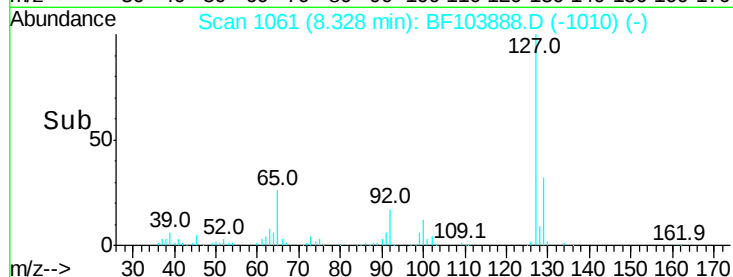
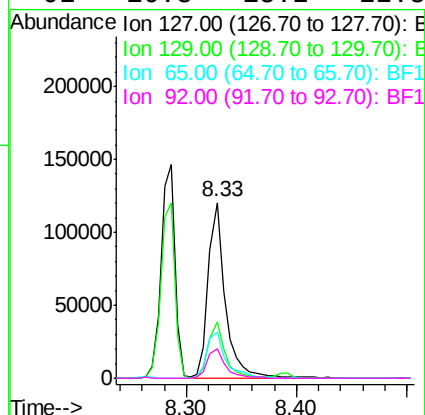
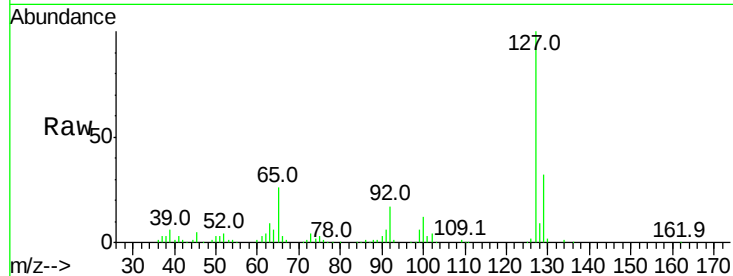




#33
4-Chloroaniline
Concen: 10.971 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

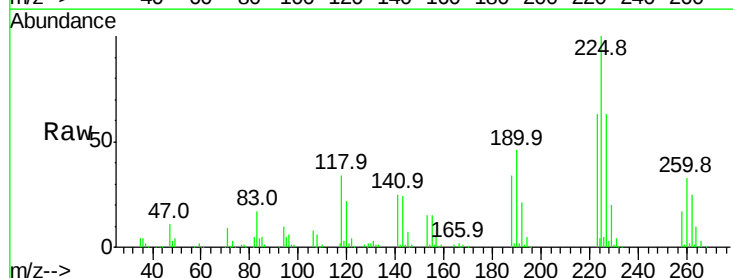
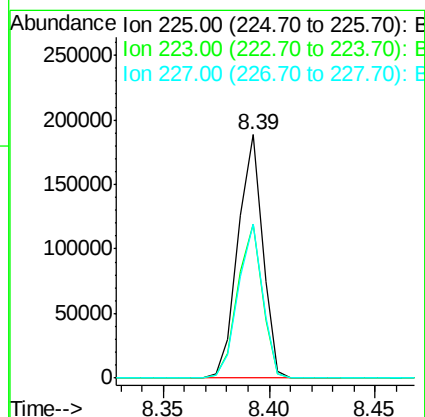
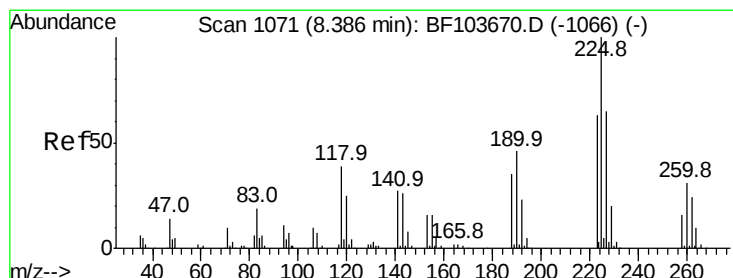
Instrument :
BNA_F
ClientSampleId :

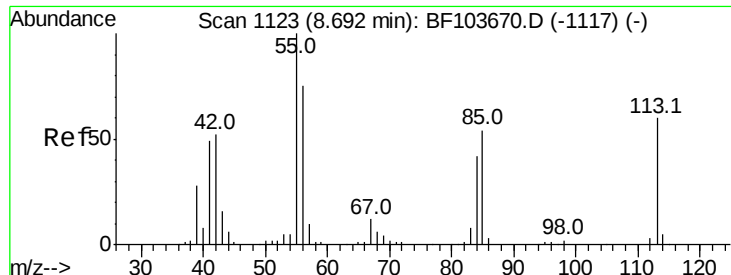
Tot Ion:	127	Resp:	127160
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.3	25.0	37.4
92	16.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 33.760 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:	225	Resp:	151918
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.3	51.9	77.9

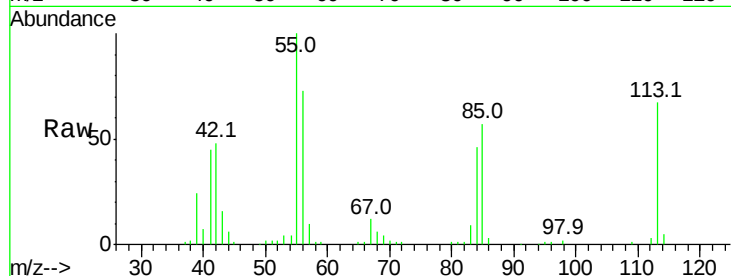




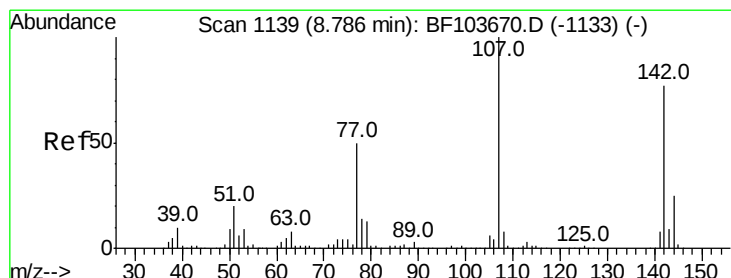
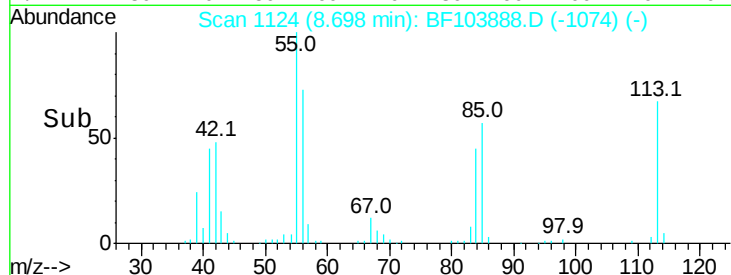
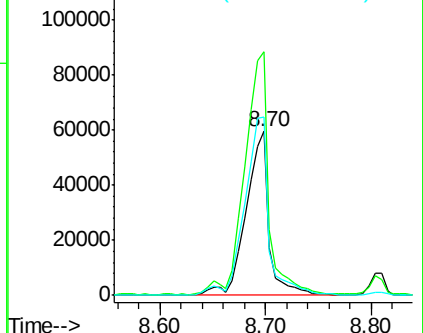
#35
 Caprolactam
 Concen: 36.865 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 89827
 Ion Ratio Lower Upper
 113 100
 55 148.4 163.3 203.3#
 56 108.4 115.7 155.7#

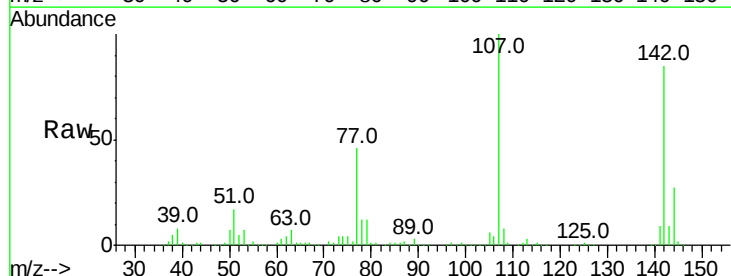


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

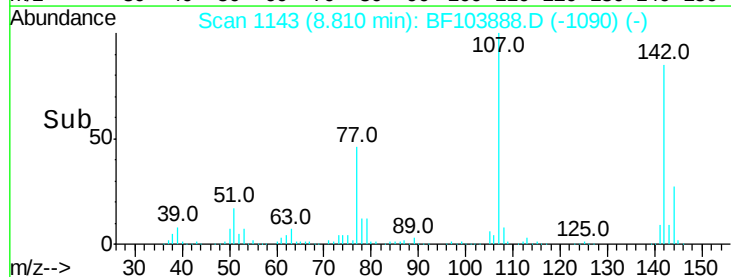
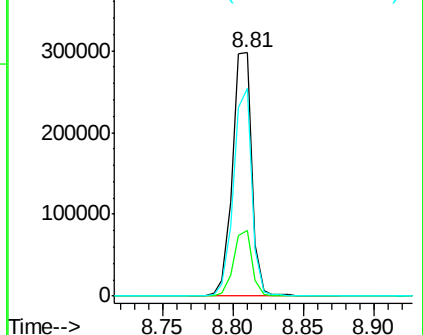


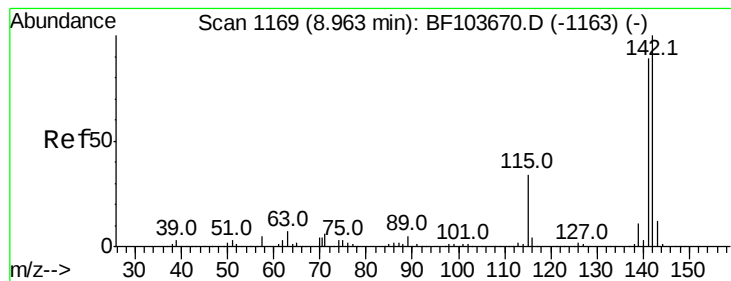
#36
 4-Chloro-3-methylphenol
 Concen: 36.694 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:107 Resp: 286253
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 85.1 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

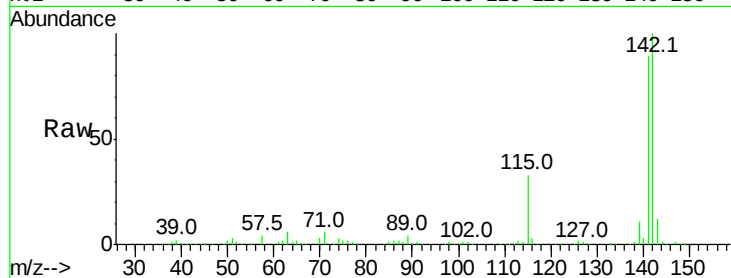




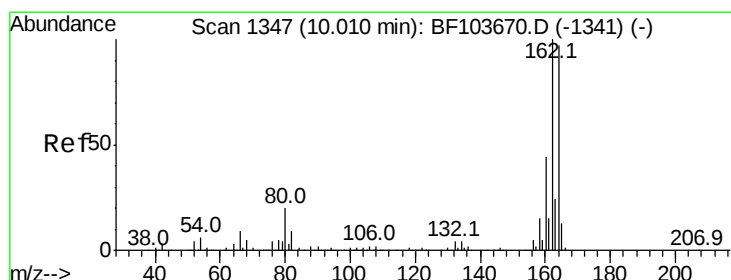
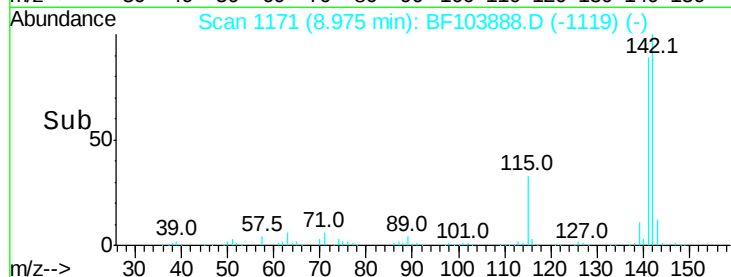
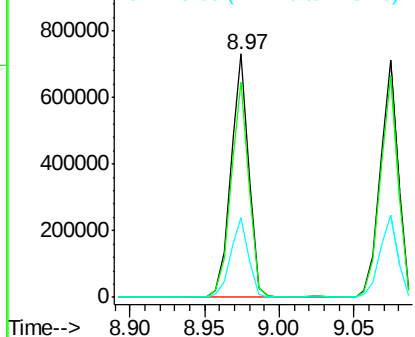
#37
2-Methylnaphthalene
Concen: 35.371 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 619726
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 32.8 26.1 39.1

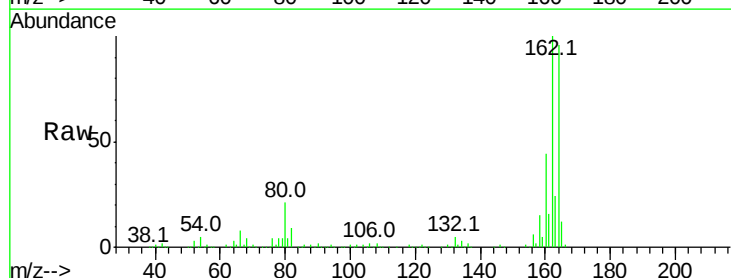


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

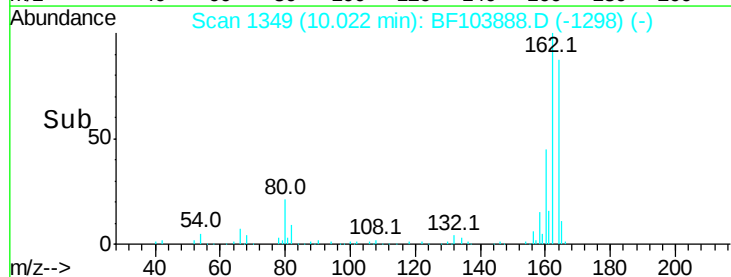
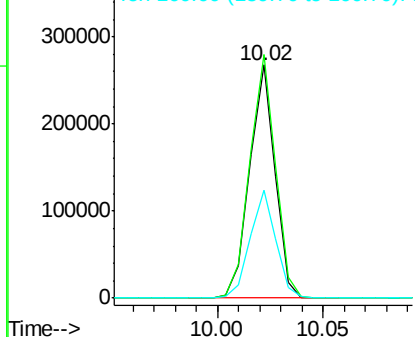


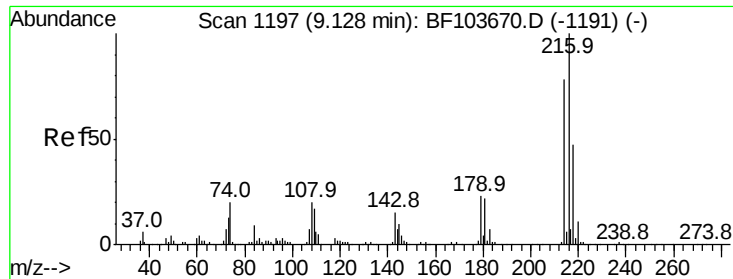
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:164 Resp: 223674
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.3 38.3 57.5



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

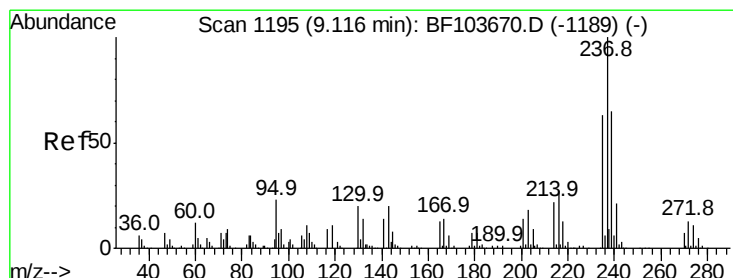
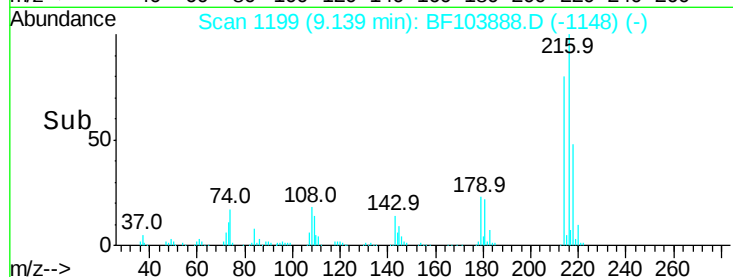
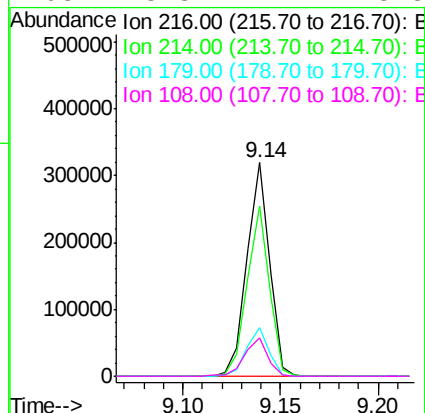
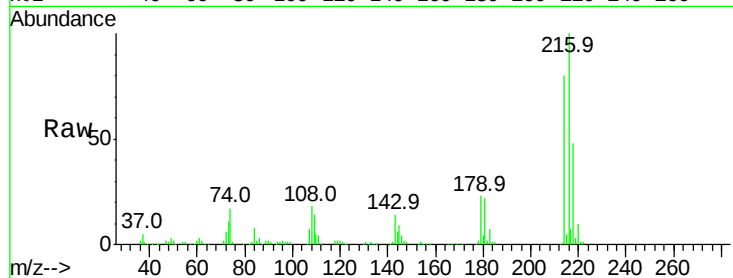




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.044 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

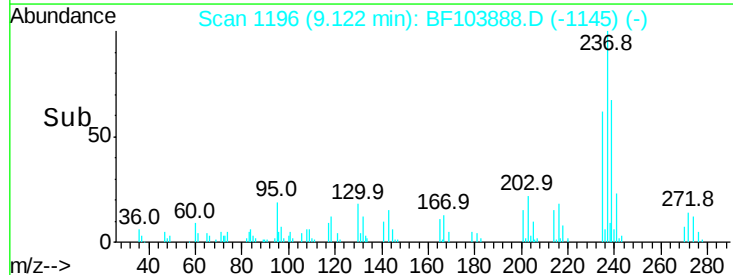
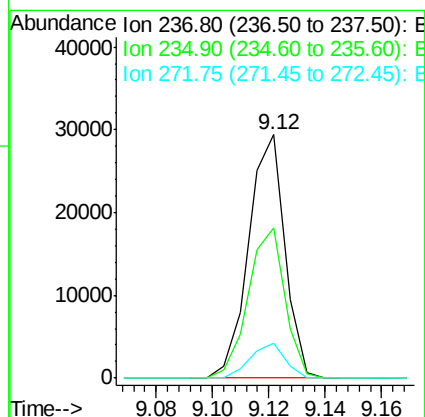
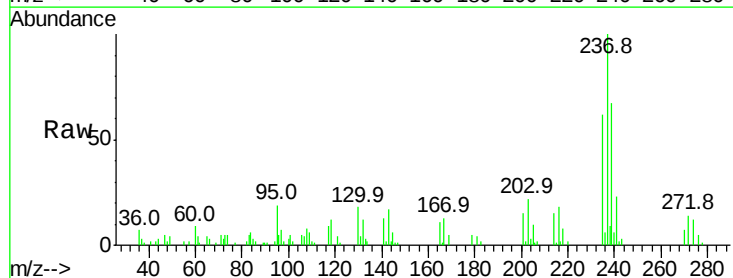
Instrument :
 BNA_F
 ClientSampled :

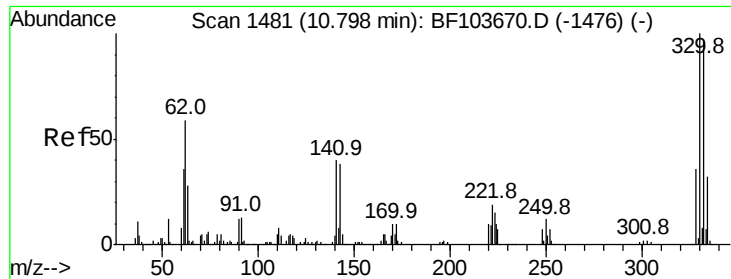
Tot Ion:	216	Resp:	255528
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.4	18.1	27.1
108	18.3	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 7.930 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:	237	Resp:	26110
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	14.4	0.0	33.3

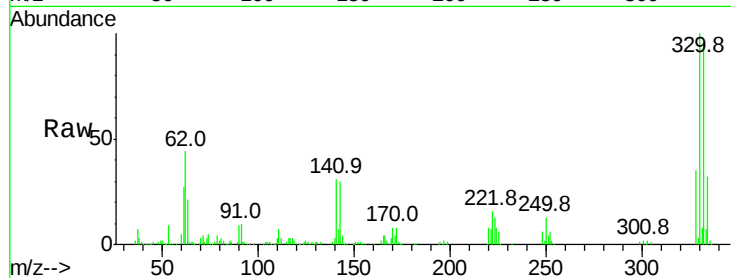




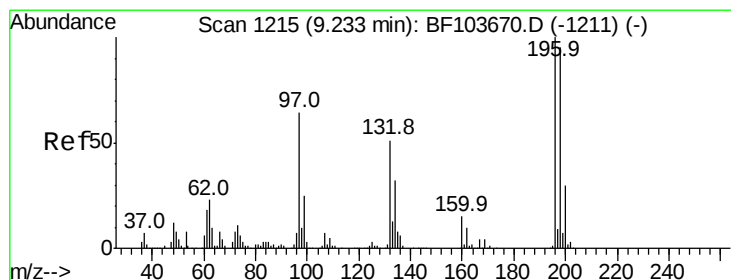
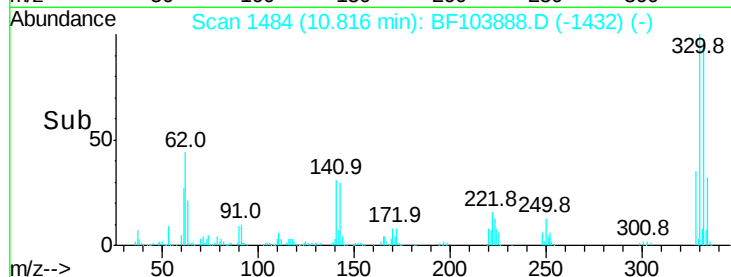
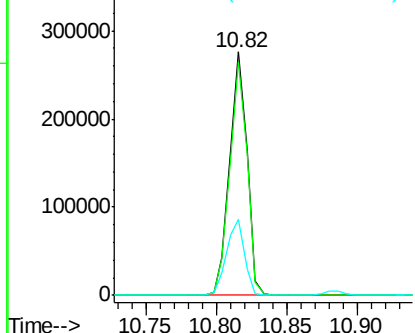
#41
 2,4,6-Tribromophenol
 Concen: 123.561 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 237628
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.4 29.9 44.9

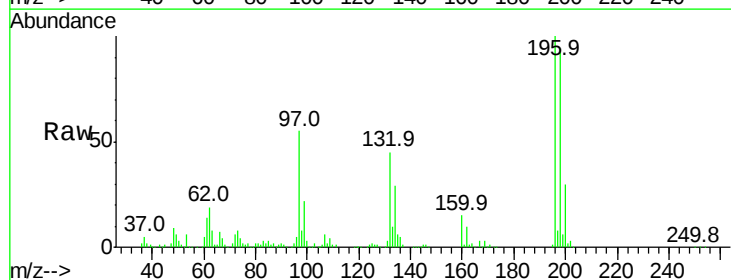


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

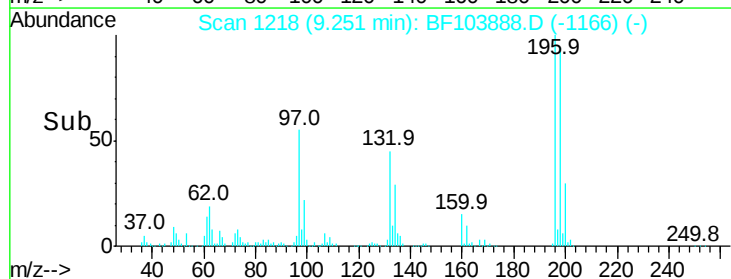
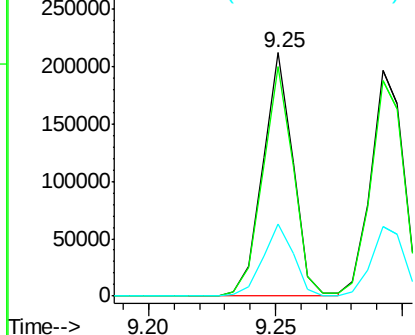


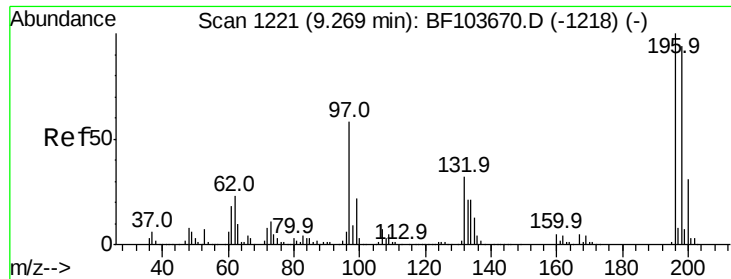
#42
 2,4,6-Trichlorophenol
 Concen: 43.423 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:196 Resp: 177233
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 29.7 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

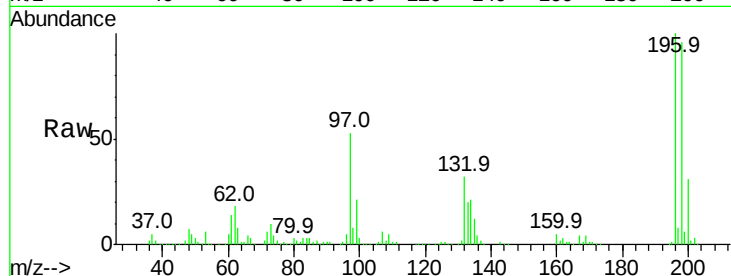




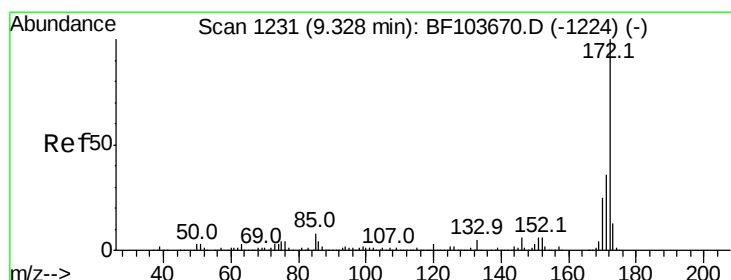
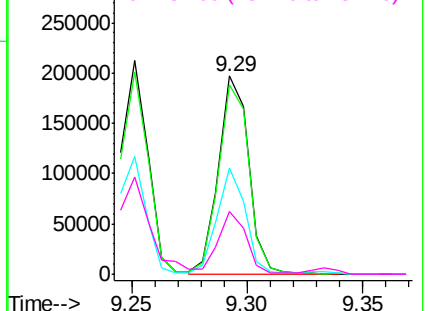
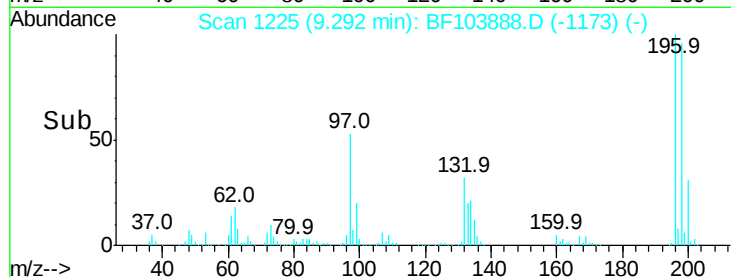
#43
2,4,5-Trichlorophenol
Concen: 38.633 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 177976
Ion Ratio Lower Upper
196 100
198 95.7 74.6 112.0
97 53.4 42.9 64.3
132 32.0 26.3 39.5

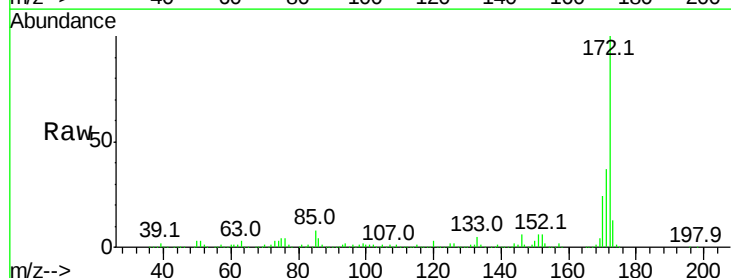


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

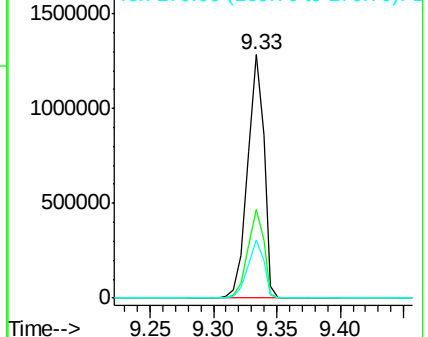
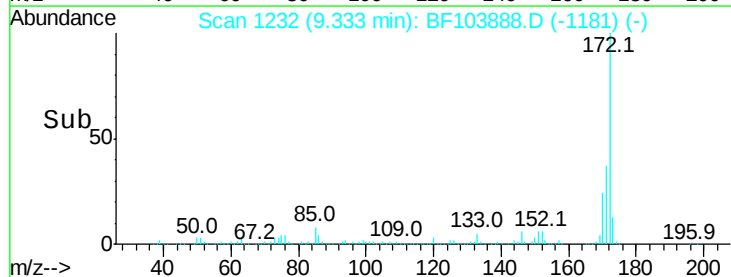


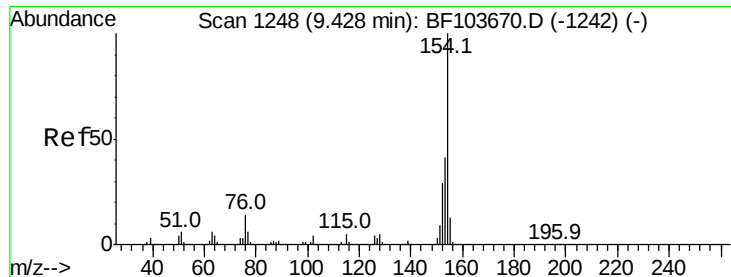
#44
2-Fluorobiphenyl
Concen: 82.085 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:172 Resp: 1151005
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.0 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

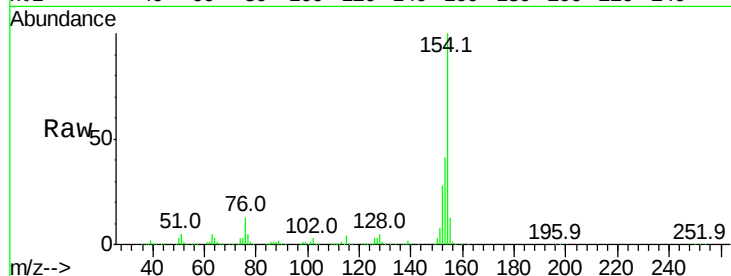




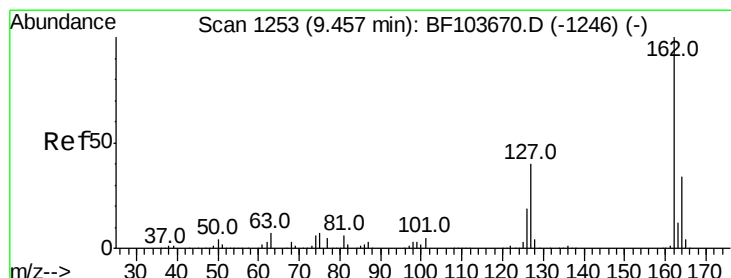
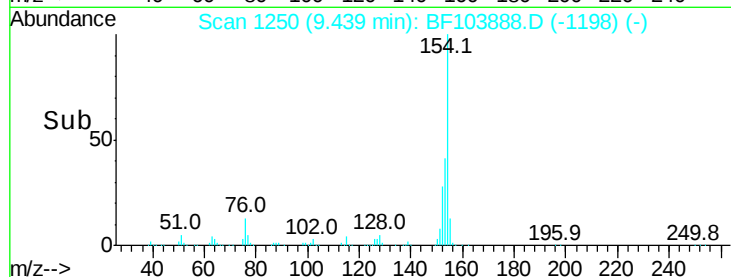
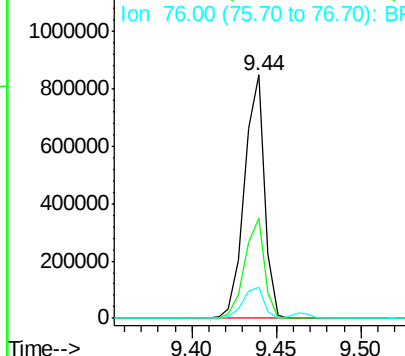
#45
 1,1'-Biphenyl
 Concen: 37.710 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 703342
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 12.7 0.0 34.0

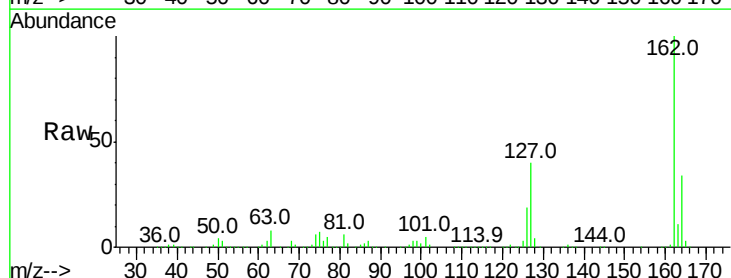


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

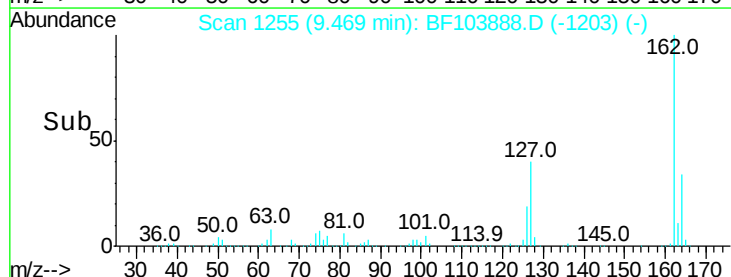
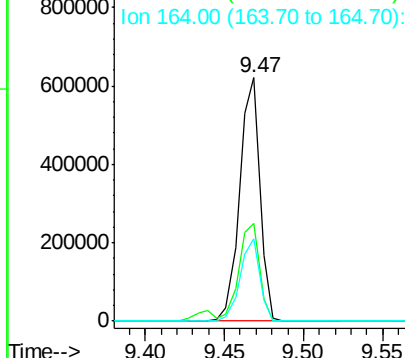


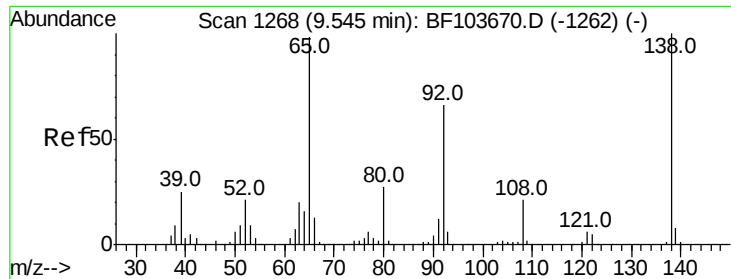
#46
 2-Chloronaphthalene
 Concen: 36.994 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:162 Resp: 548030
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.9 50.9
 164 33.6 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

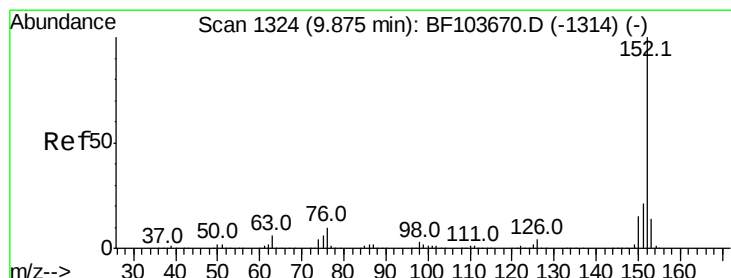
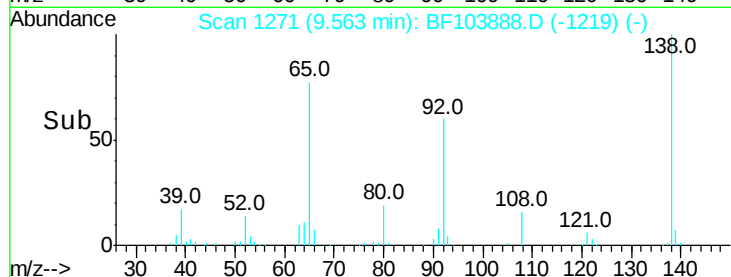
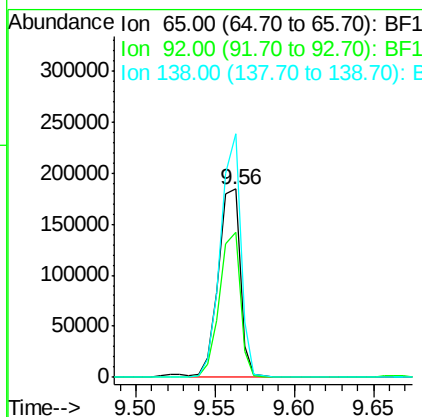
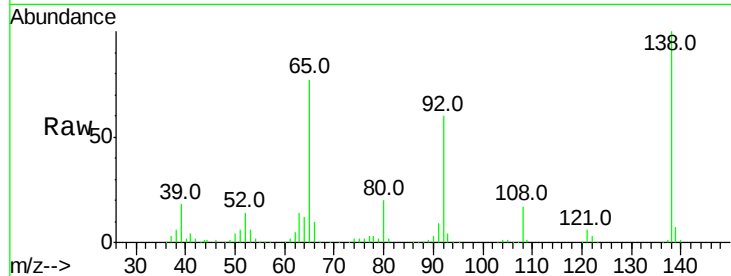




#47
 2-Nitroaniline
 Concen: 46.278 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

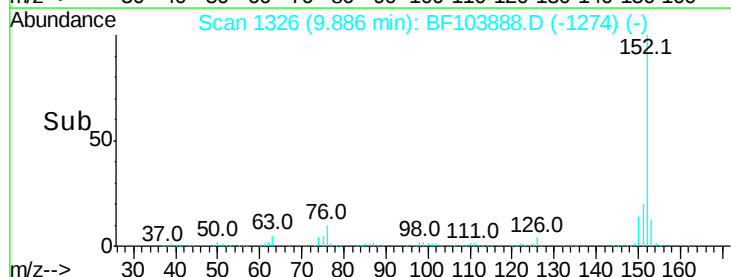
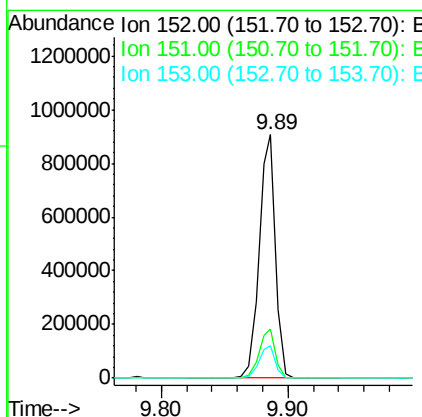
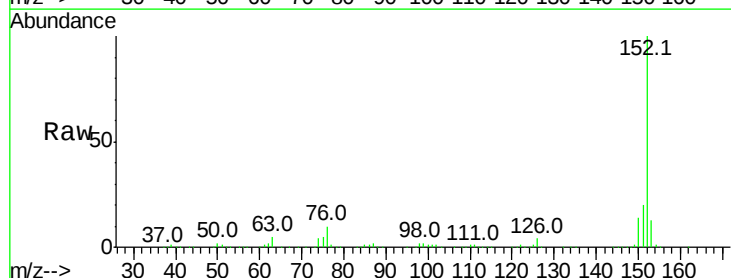
Instrument :
 BNA_F
 ClientSampleId :

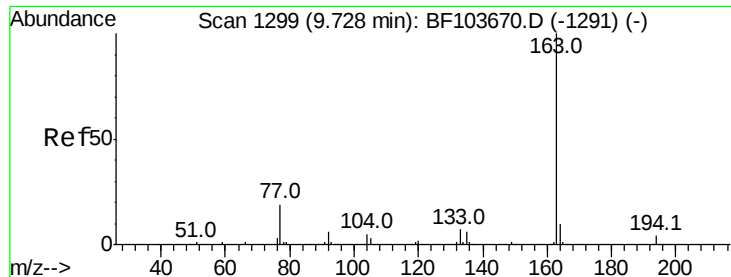
Tot Ion: 65 Resp: 178238
 Ion Ratio Lower Upper
 65 100
 92 77.2 55.8 83.6
 138 129.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 35.729 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion: 152 Resp: 820744
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.2 10.7 16.1

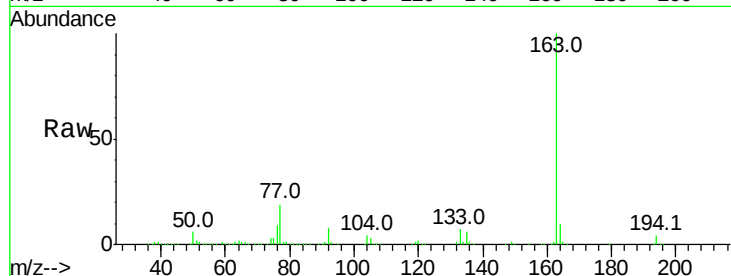




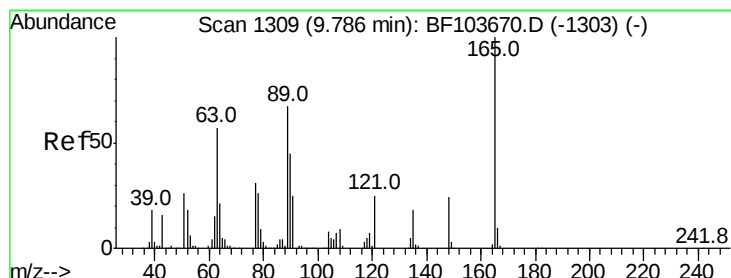
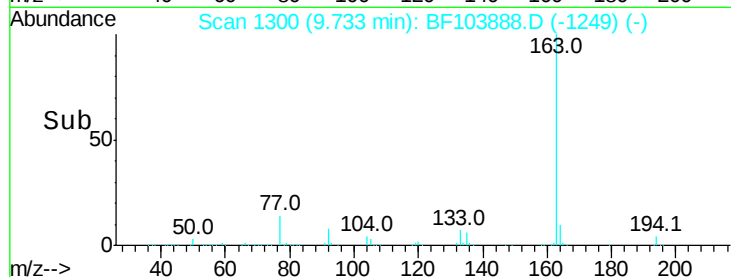
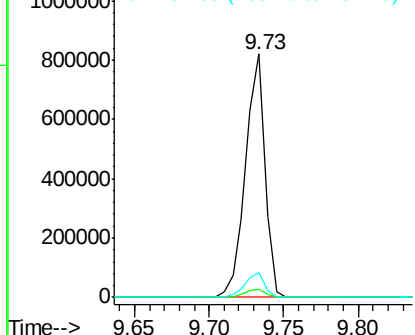
#49
Dimethylphthalate
Concen: 43.544 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 743090
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

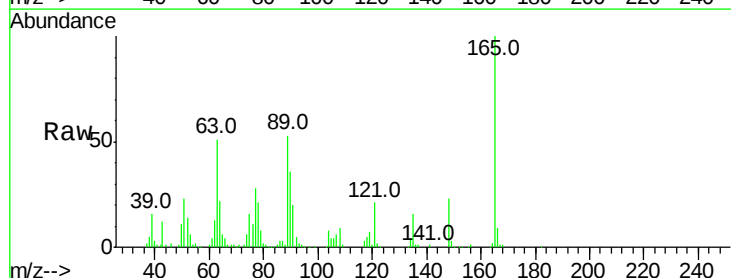


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

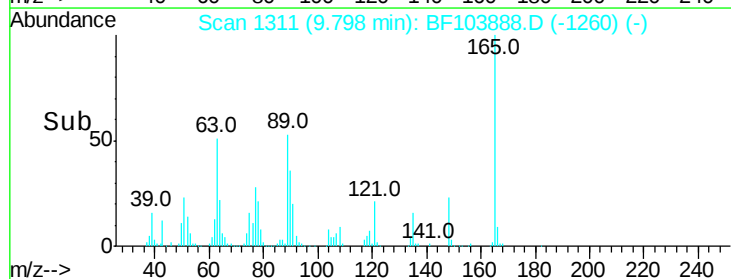
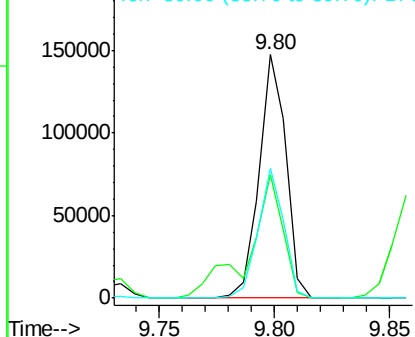


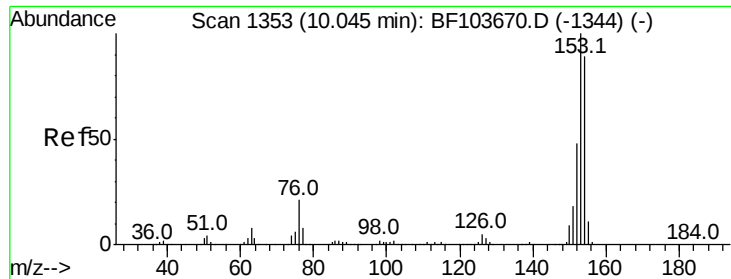
#50
2,6-Dinitrotoluene
Concen: 37.228 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:165 Resp: 119677
Ion Ratio Lower Upper
165 100
63 50.6 44.7 67.1
89 53.2 44.0 66.0



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





#51

Acenaphthene

Concen: 34.570 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

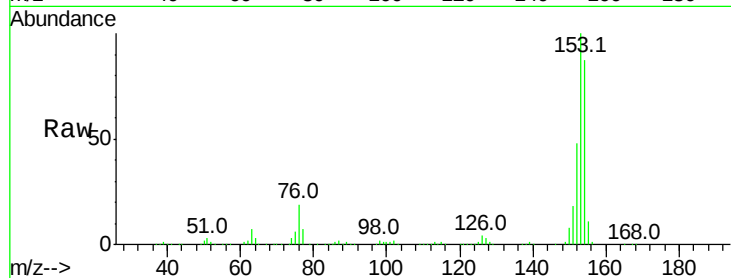
Tot Ion:154 Resp: 471528

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

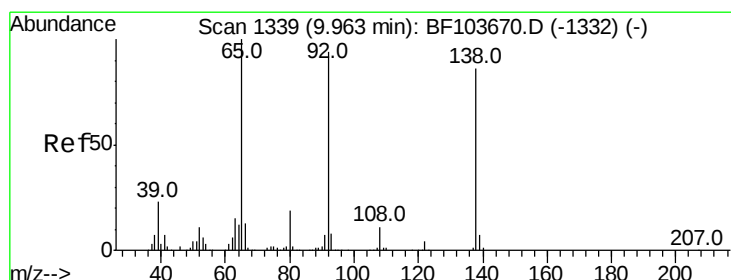
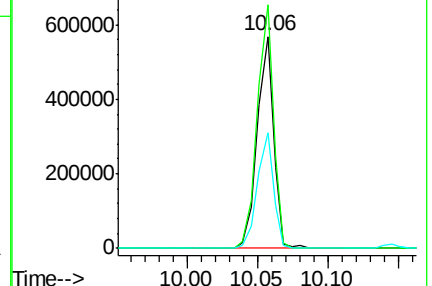
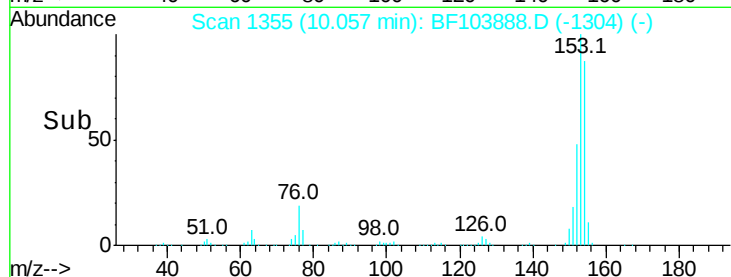
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.542 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

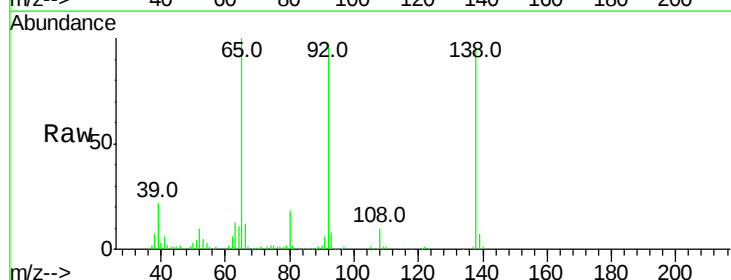
Tgt Ion:138 Resp: 162153

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

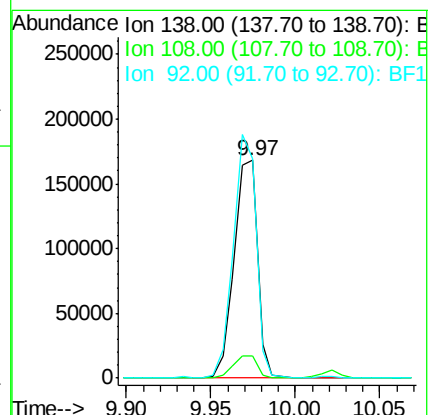
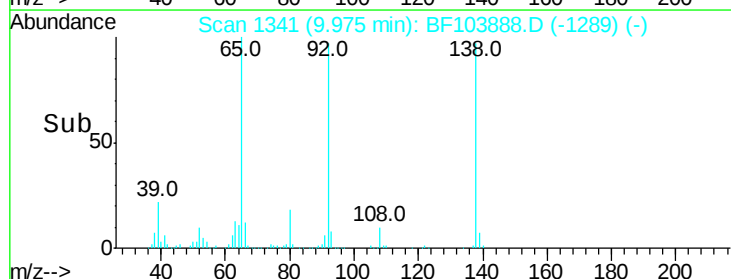
92 100.6 89.4 134.2

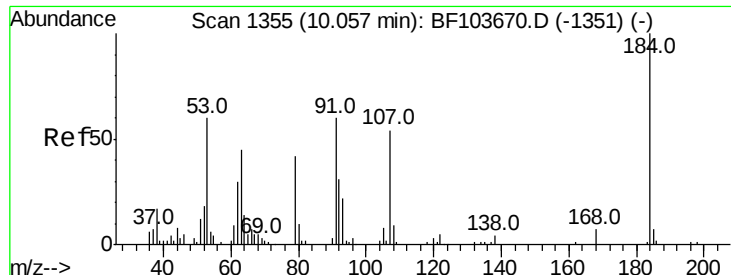


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

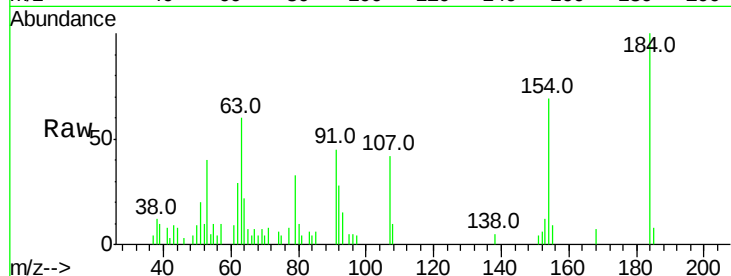




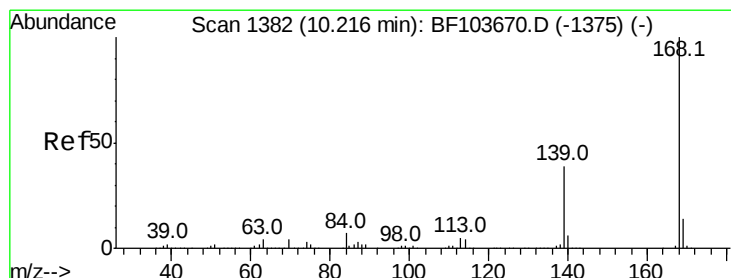
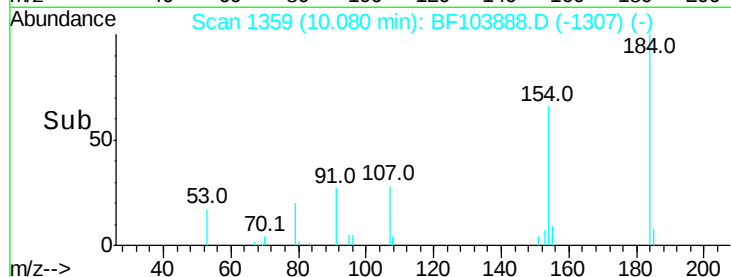
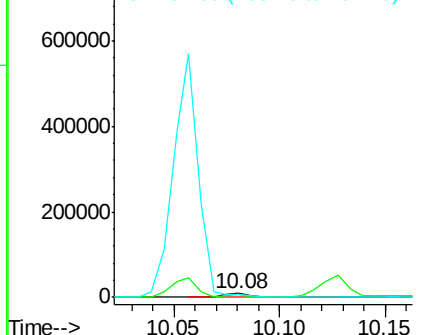
#53
2,4-Dinitrophenol
Concen: 22.206 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8874
Ion Ratio Lower Upper
184 100
63 59.8 54.2 81.2
154 69.3 184.0 276.0#

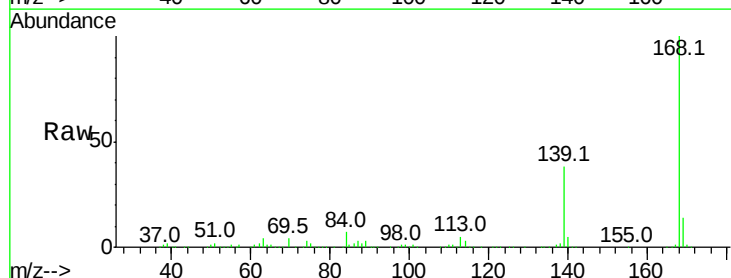


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

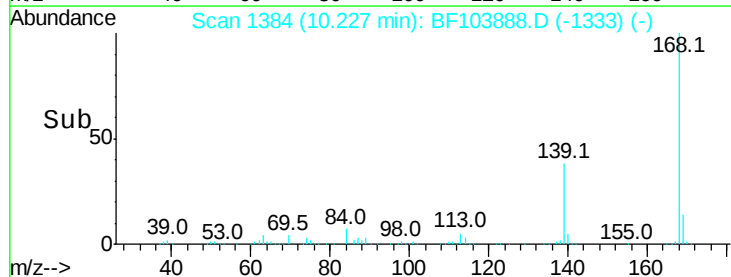
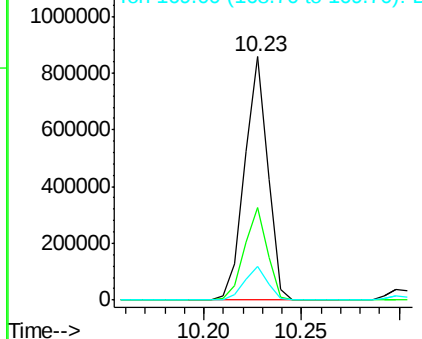


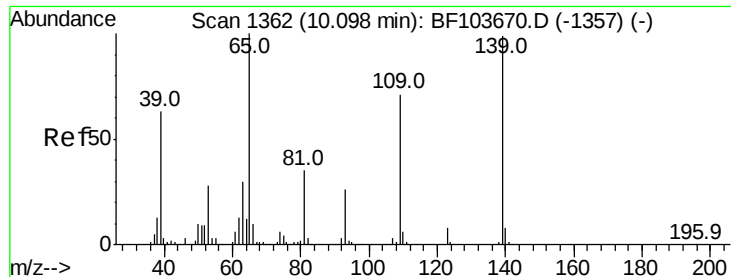
#54
Dibenzofuran
Concen: 36.116 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:168 Resp: 703569
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 66.660 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

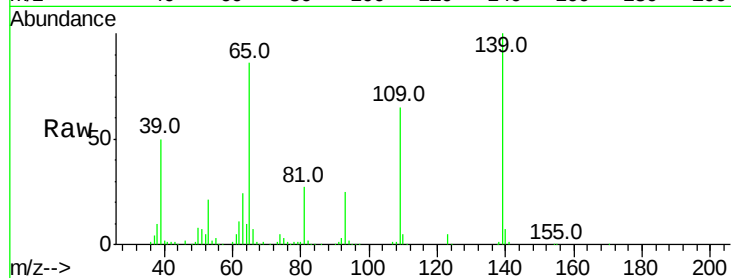
Tot Ion:139 Resp: 205508

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

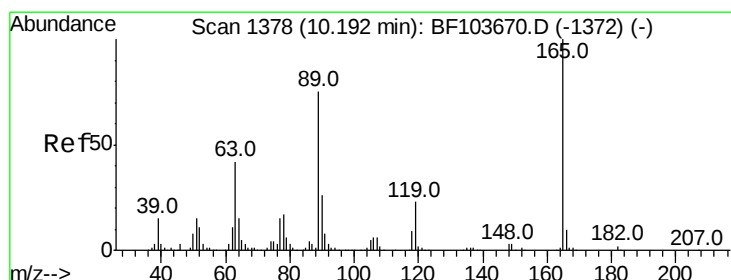
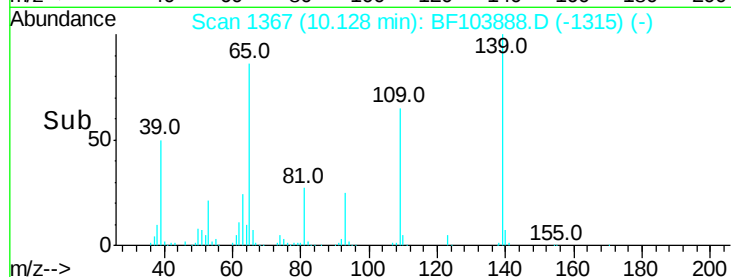
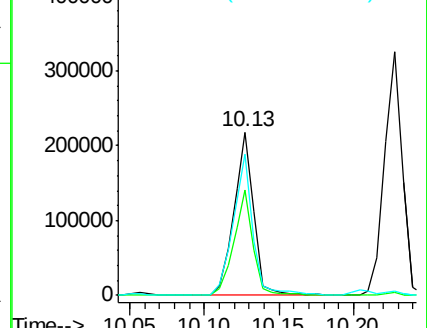
65 86.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 35.800 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Tgt Ion:165 Resp: 142138

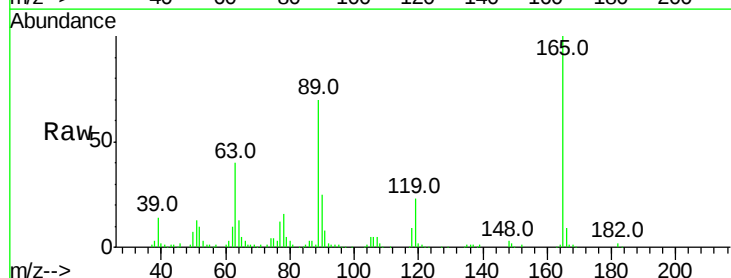
Ion Ratio Lower Upper

165 100

63 40.1 36.4 54.6

89 69.8 57.8 86.6

182 2.5 1.6 2.4#

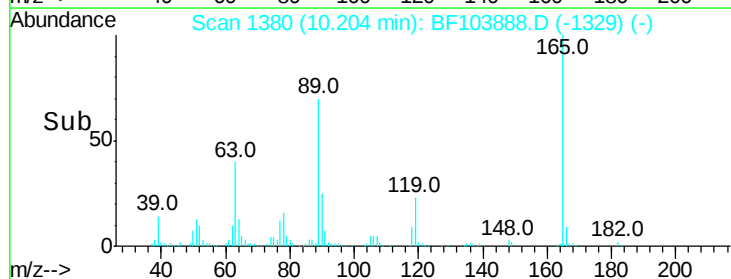
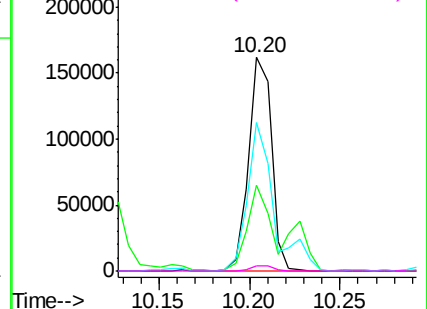


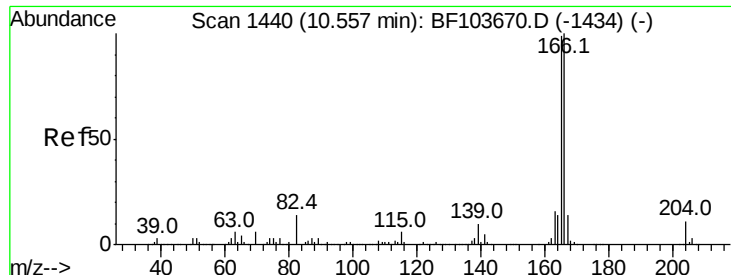
Abundance Ion 165.00 (164.70 to 165.70): E

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

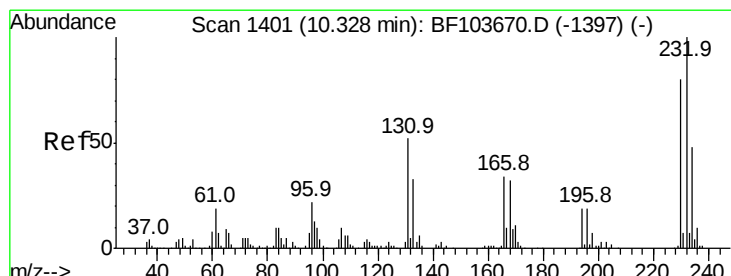
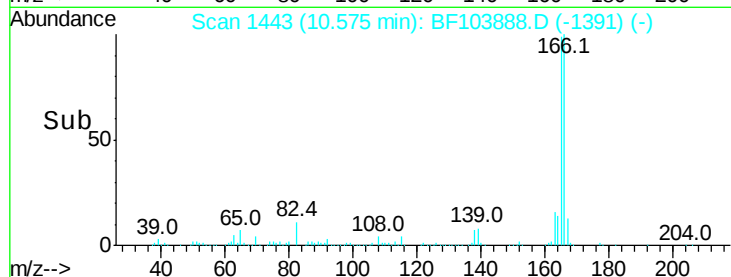
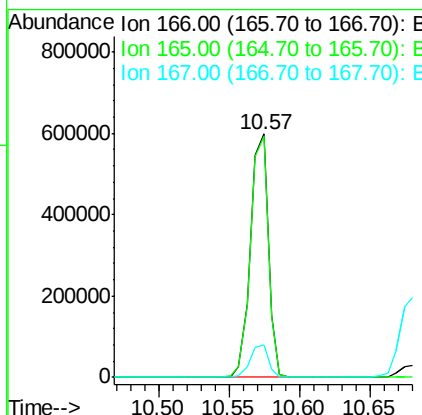
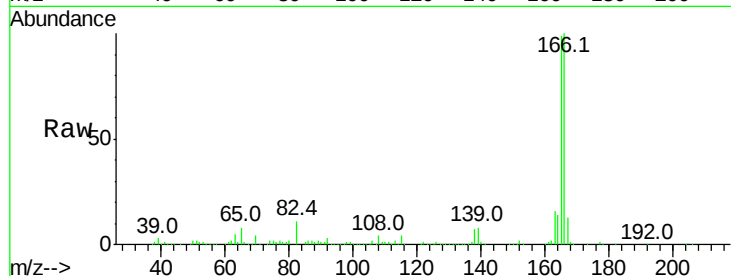




#57
Fluorene
 Concen: 35.464 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

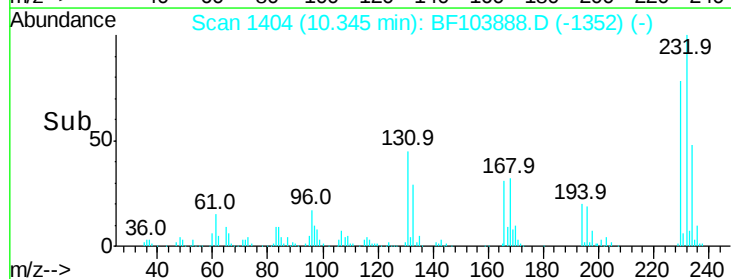
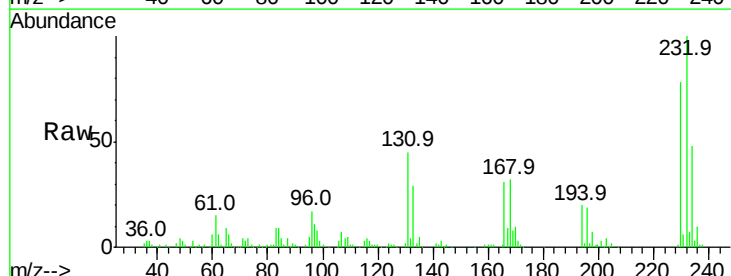
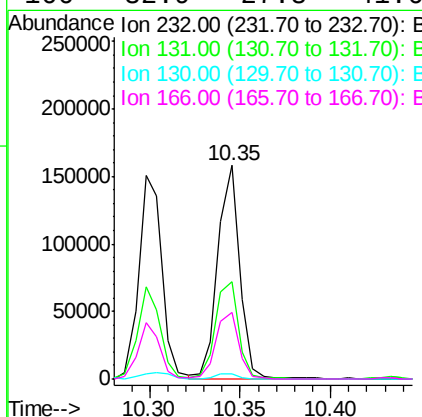
Instrument :
 BNA_F
 ClientSampleId :

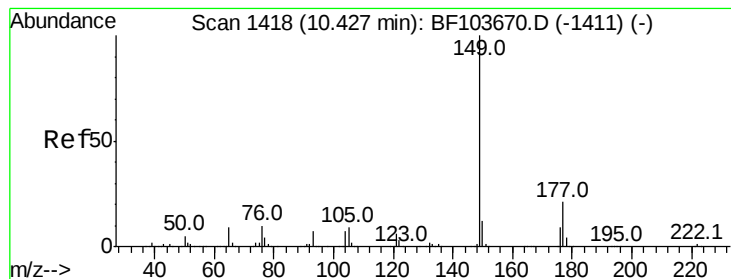
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.3	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.611 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.0	43.8	65.8
130	2.3	2.1	3.1
166	32.9	27.8	41.6





#59

Diethylphthalate

Concen: 35.743 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

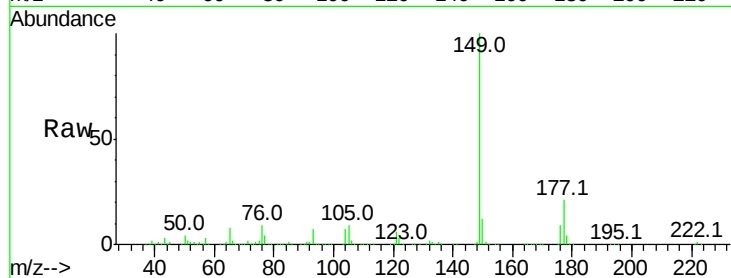
Tot Ion:149 Resp: 605402

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

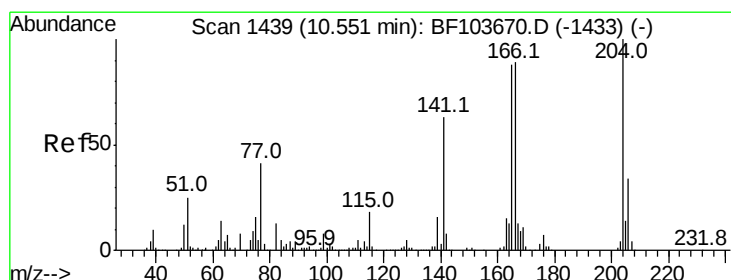
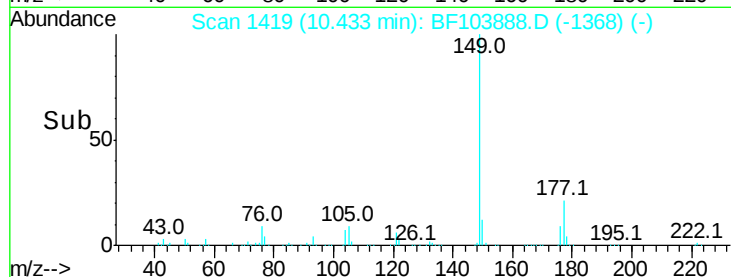
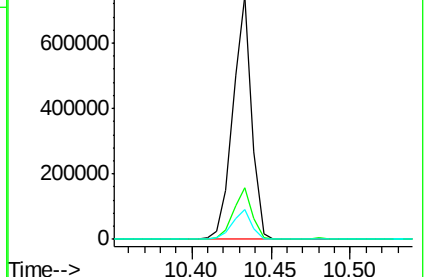
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.826 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

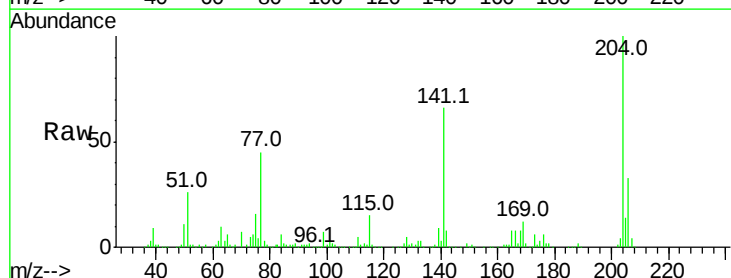
Tgt Ion:204 Resp: 254414

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

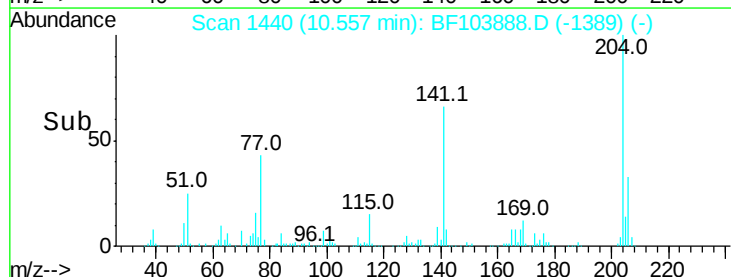
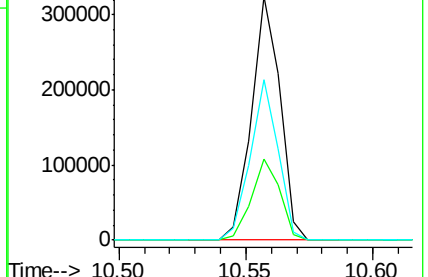
141 65.8 54.6 81.8

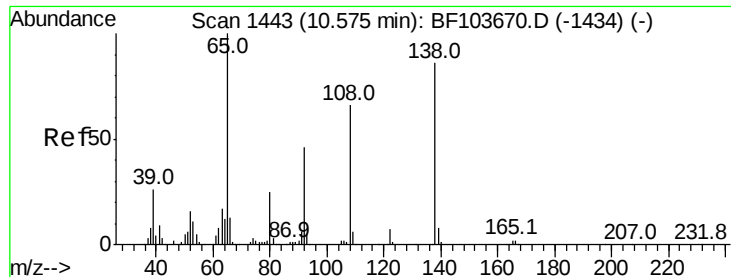


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

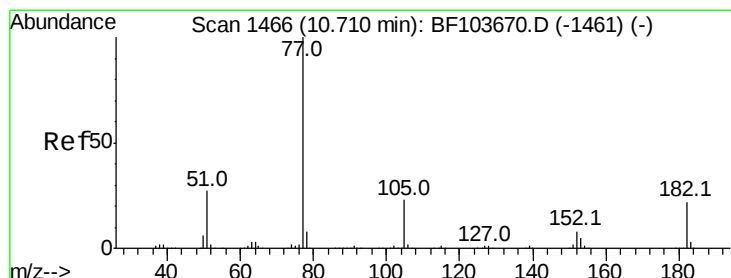
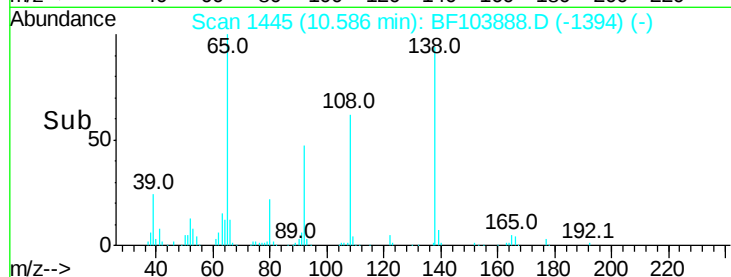
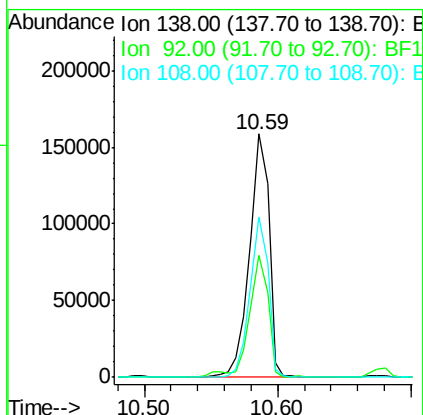
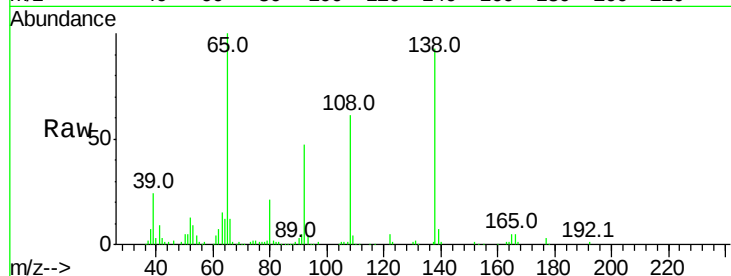




#61
4-Nitroaniline
Concen: 42.408 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

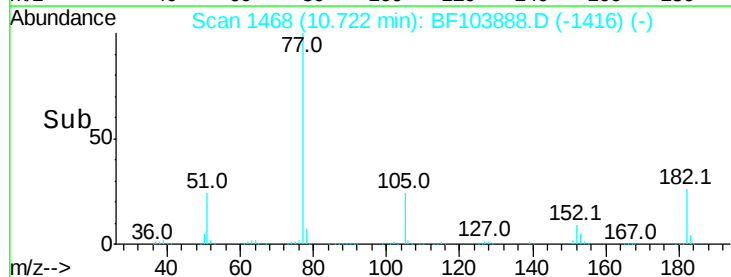
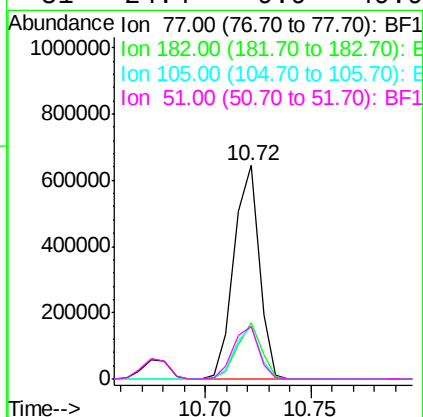
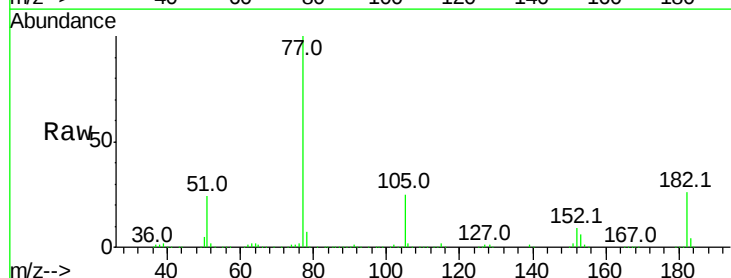
Instrument :
BNA_F
ClientSampleId :

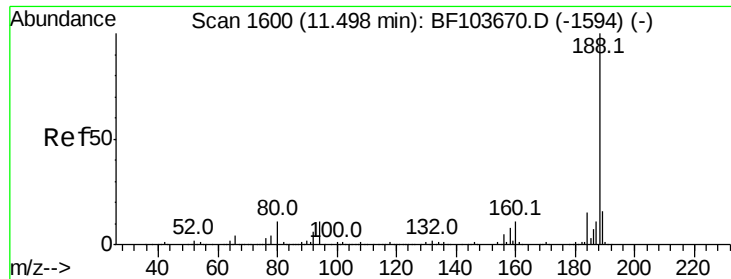
Tot Ion:138 Resp: 159679
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 65.9 52.5 92.5



#62
Azobenzene
Concen: 30.911 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion: 77 Resp: 532296
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 24.7 3.0 43.0
51 24.4 9.9 49.9

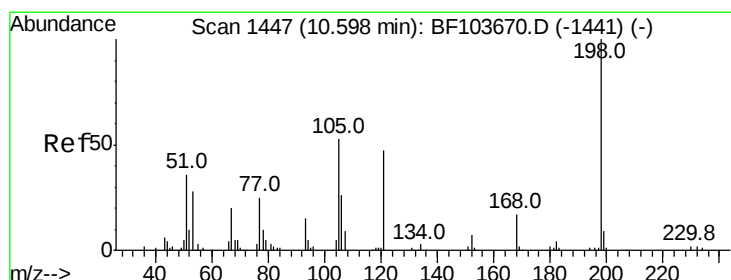
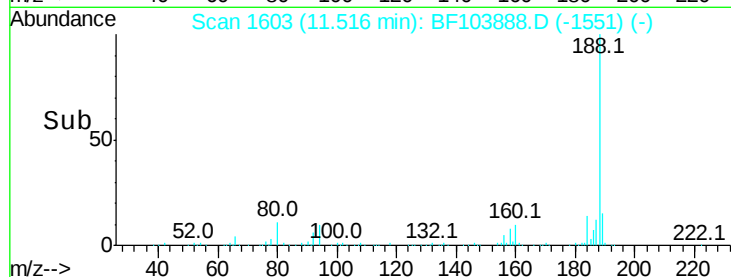
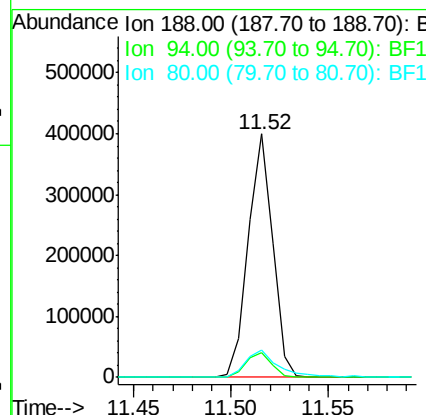
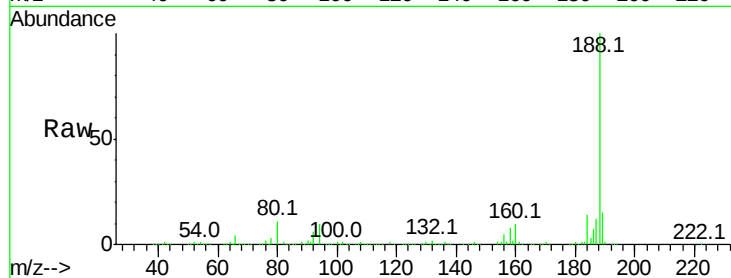




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

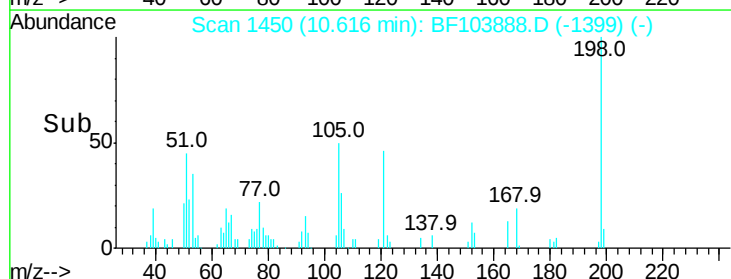
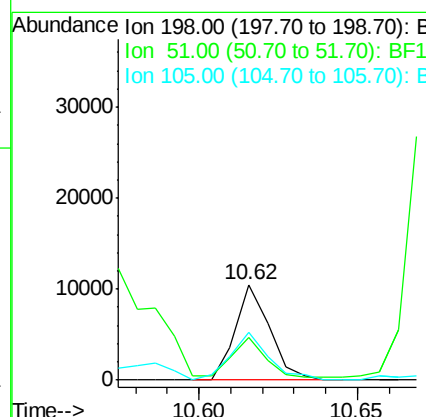
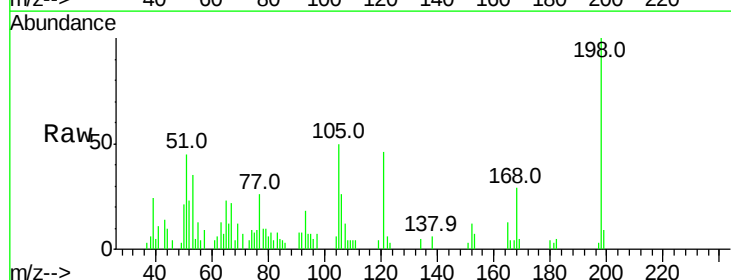
Instrument :
BNA_F
ClientSampleId :

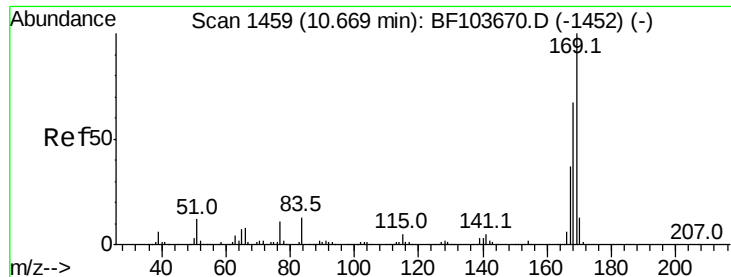
Tot Ion:188 Resp: 348756
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 14.534 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:198 Resp: 7815
Ion Ratio Lower Upper
198 100
51 44.7 37.7 77.7
105 49.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 40.460 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

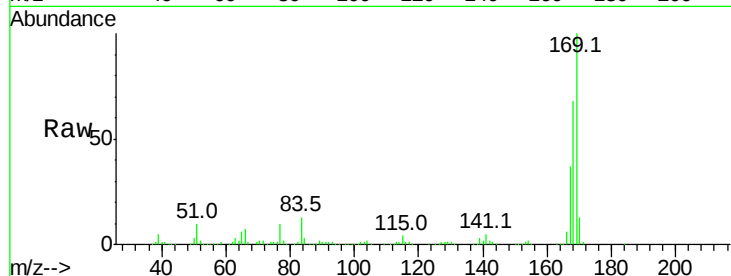
Tot Ion:169 Resp: 480305

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

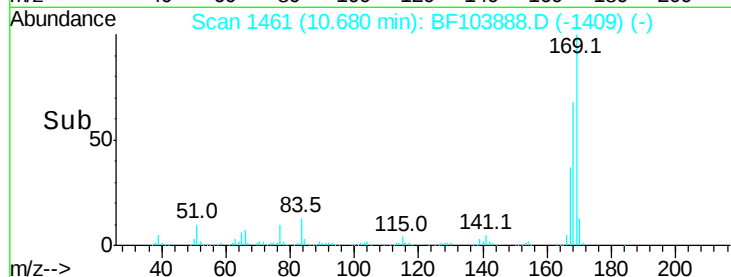
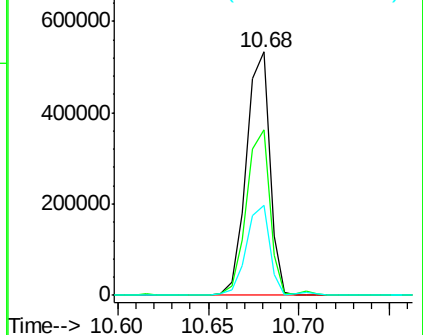
167 36.8 29.8 44.6



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: 40.671 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

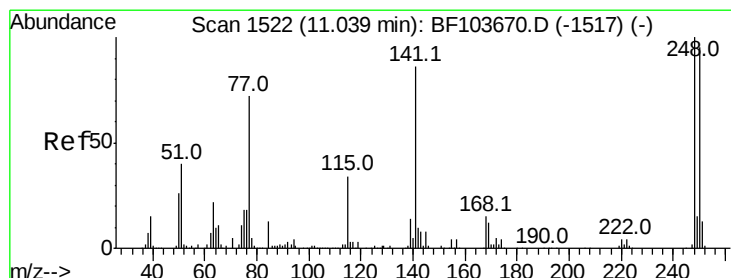
Tgt Ion:248 Resp: 145634

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

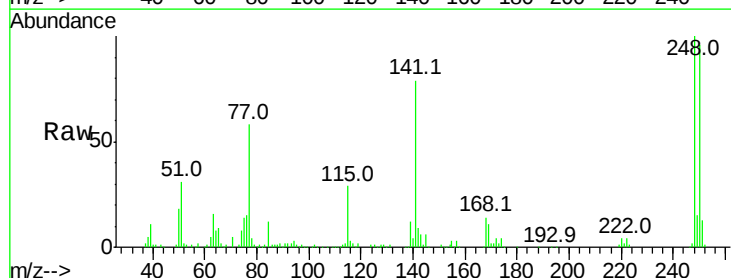
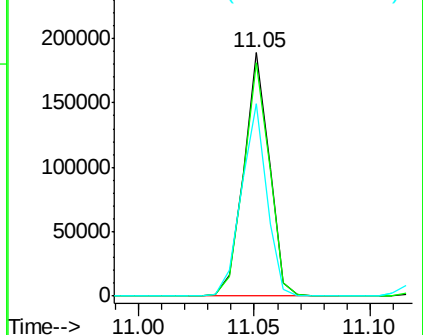
141 78.9 74.4 111.6

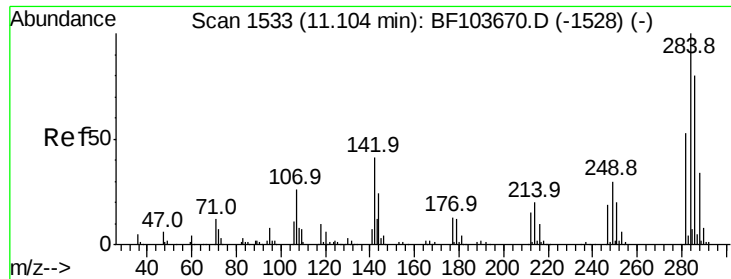


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.111 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampled :

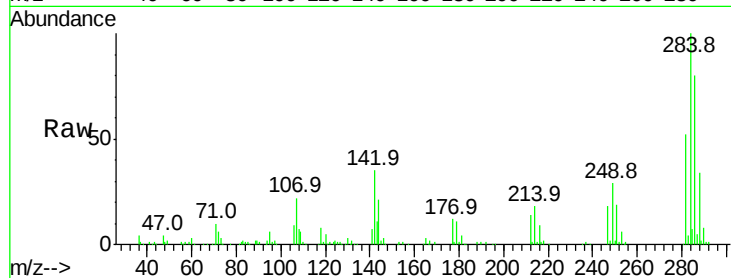
Tot Ion:284 Resp: 151668

Ion Ratio Lower Upper

284 100

142 35.5 34.6 52.0

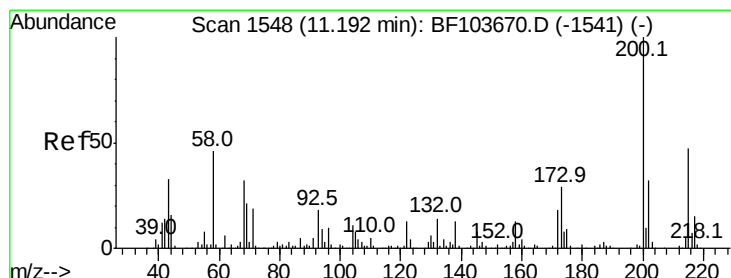
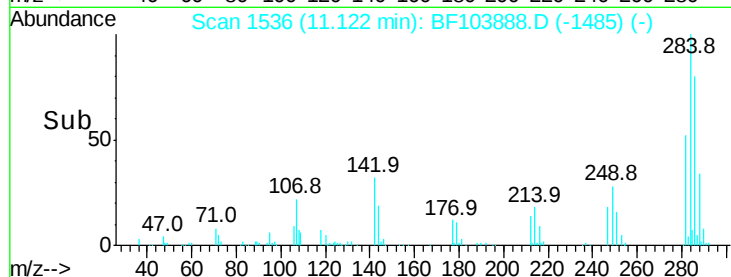
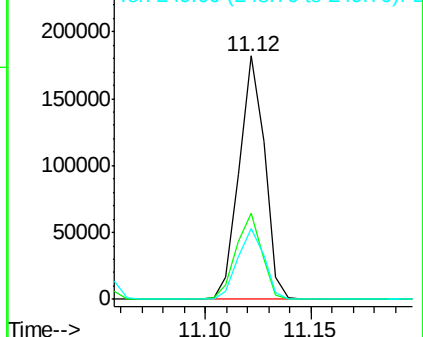
249 29.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.829 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

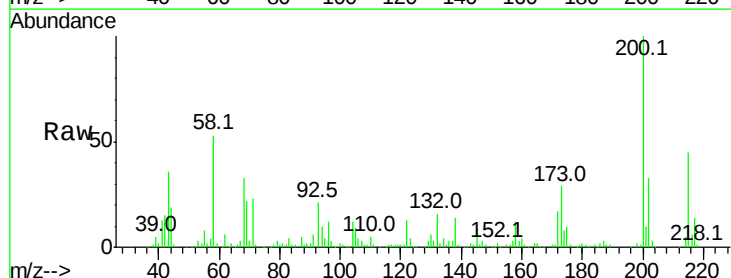
Tgt Ion:200 Resp: 131572

Ion Ratio Lower Upper

200 100

173 29.1 8.6 48.6

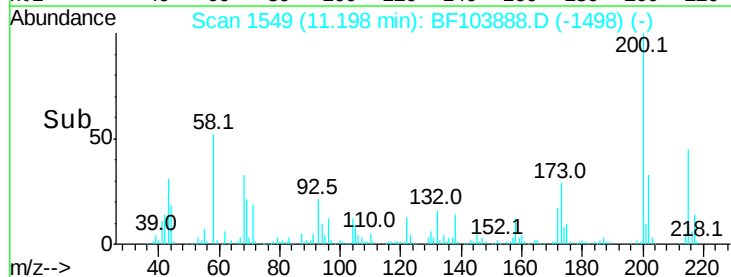
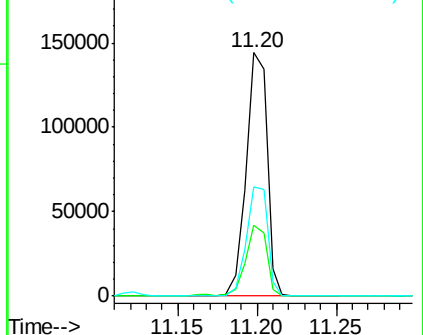
215 45.0 25.1 65.1

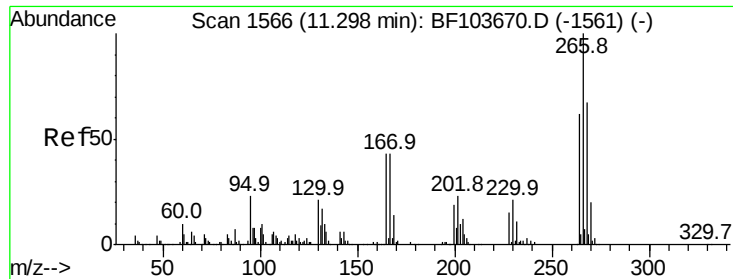


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

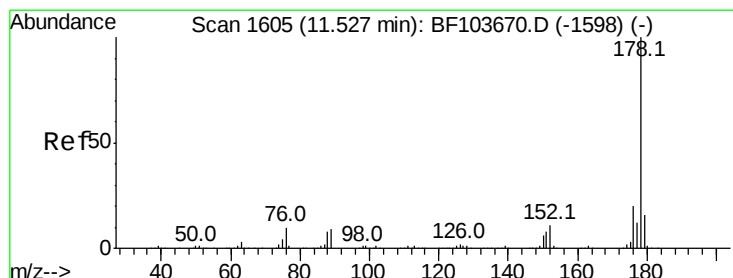
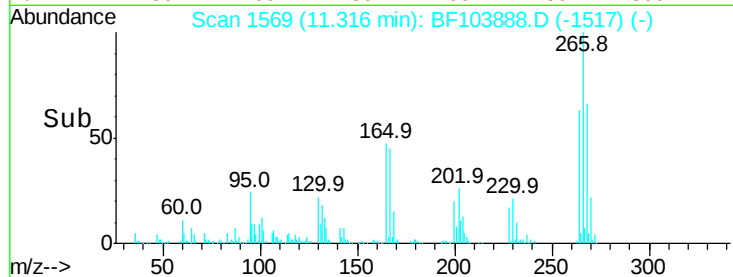
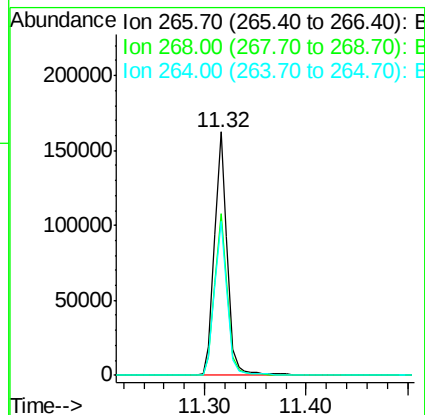
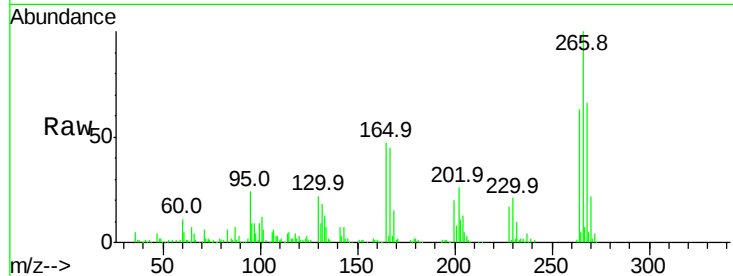




#69
 Pentachlorophenol
 Concen: 61.094 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

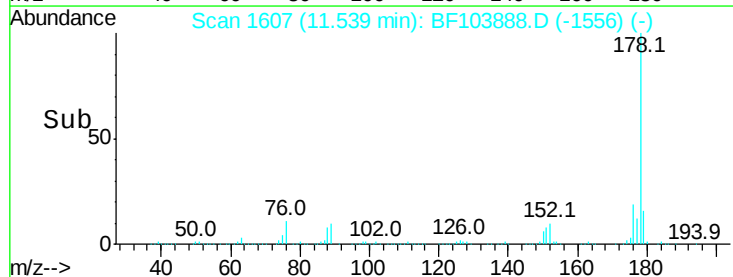
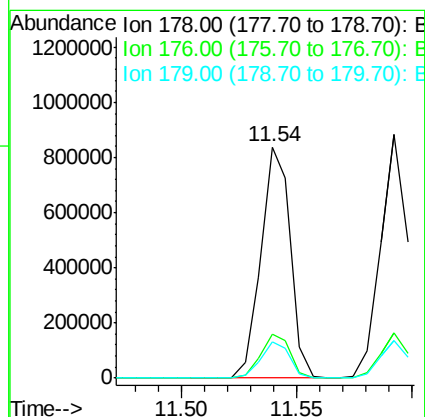
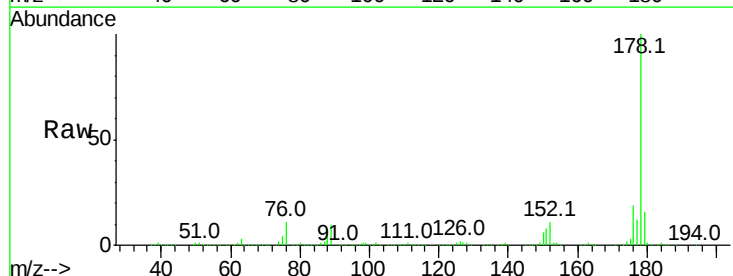
Instrument :
 BNA_F
 ClientSampled :

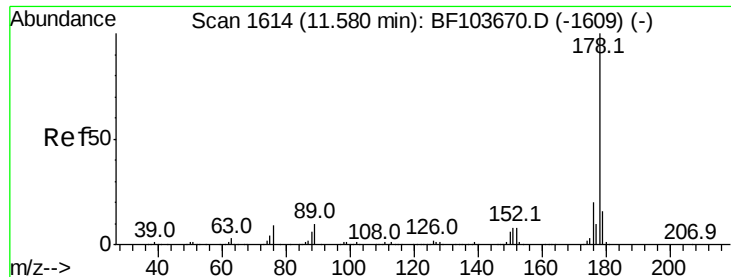
Tot Ion:266 Resp: 143547
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.1 76.7
 264 63.1 49.5 74.3



#70
 Phenanthrene
 Concen: 39.044 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:178 Resp: 744873
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.8 13.0 19.6

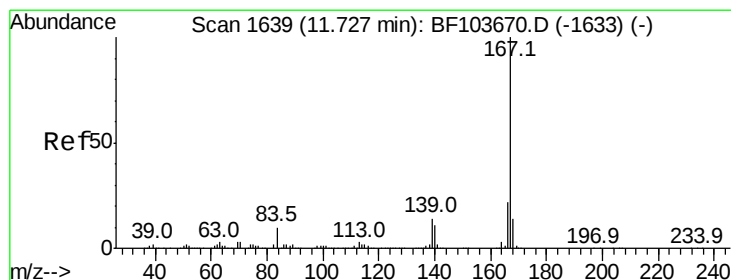
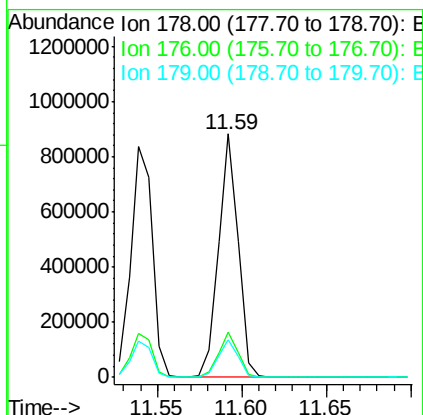
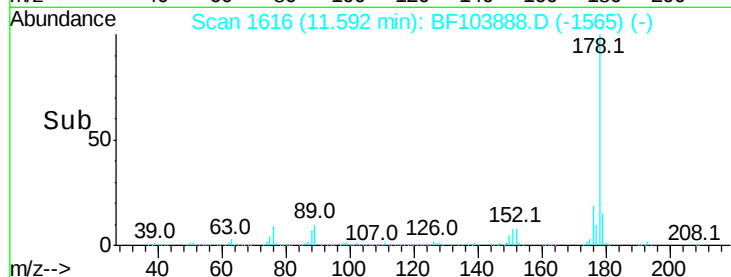
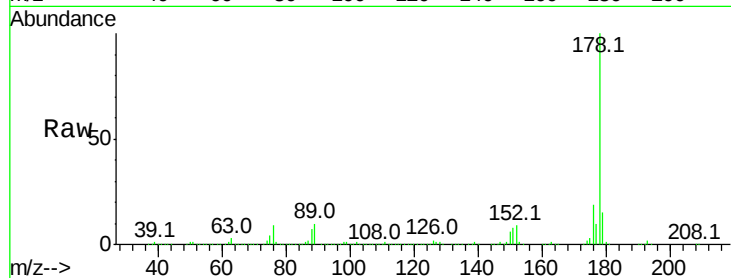




#71
 Anthracene
 Concen: 37.098 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

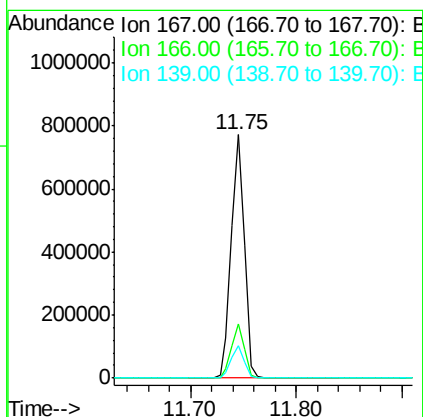
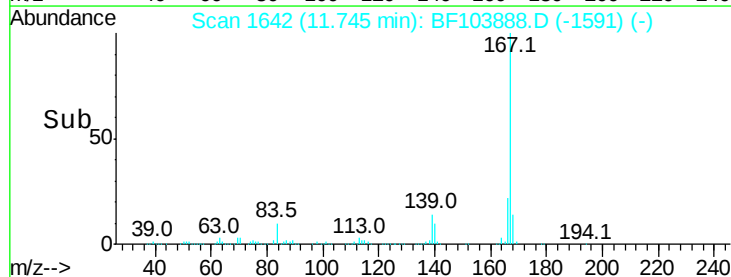
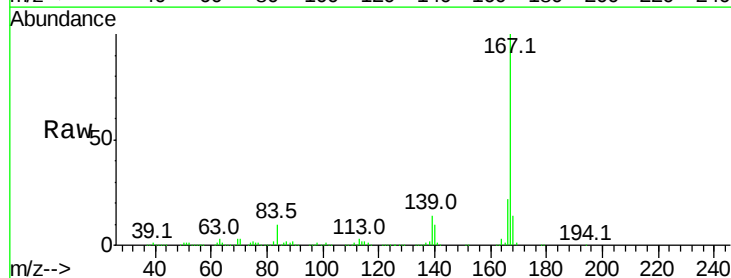
Instrument :
 BNA_F
 ClientSampleId :

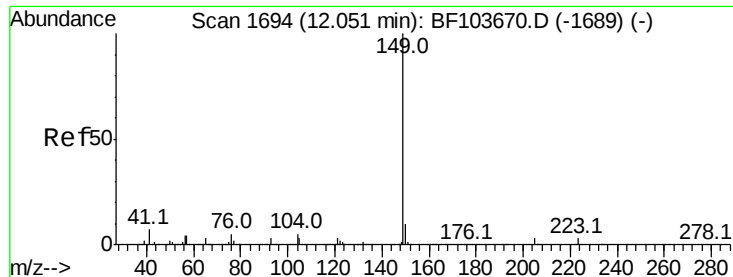
Tot Ion:178 Resp: 718830
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.043 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:167 Resp: 659970
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.119 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampled :

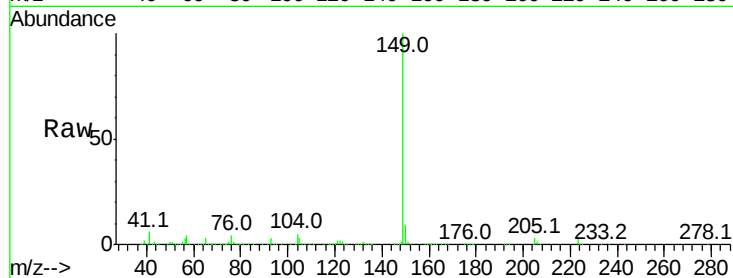
Tot Ion:149 Resp: 838807

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

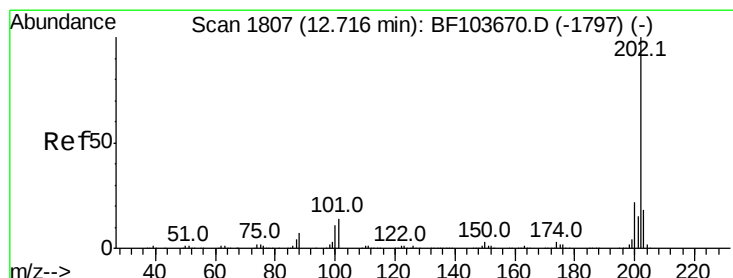
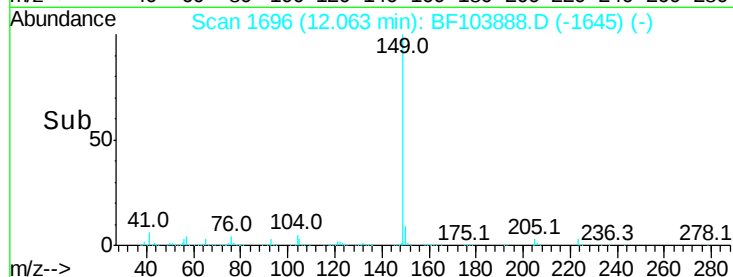
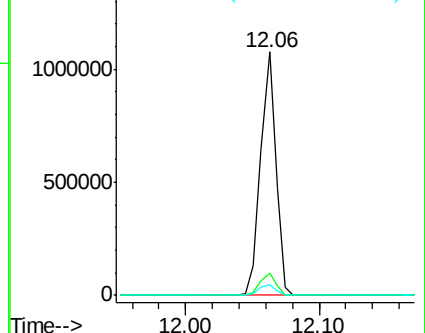
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.166 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

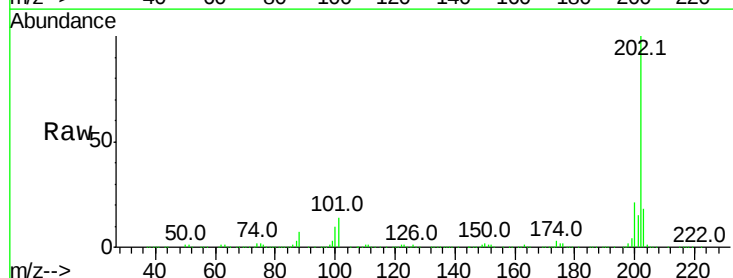
Tgt Ion:202 Resp: 769794

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

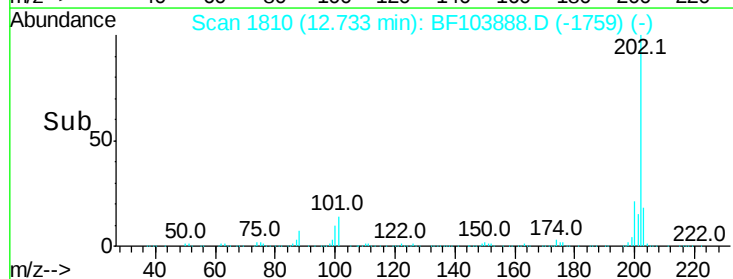
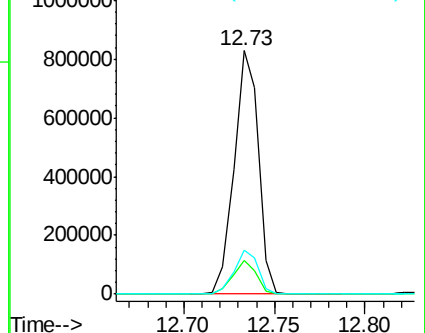
203 18.1 0.0 38.1

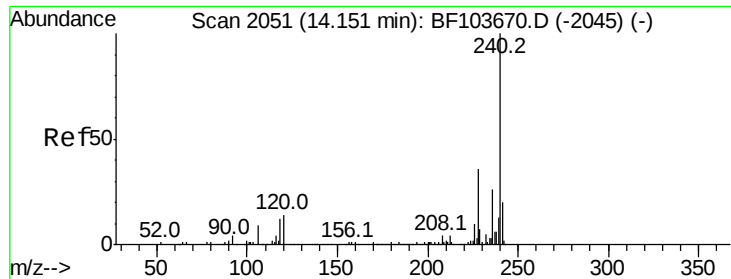


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

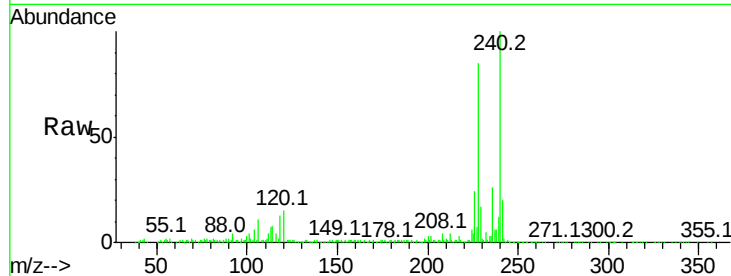
Tot Ion:240 Resp: 237634

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

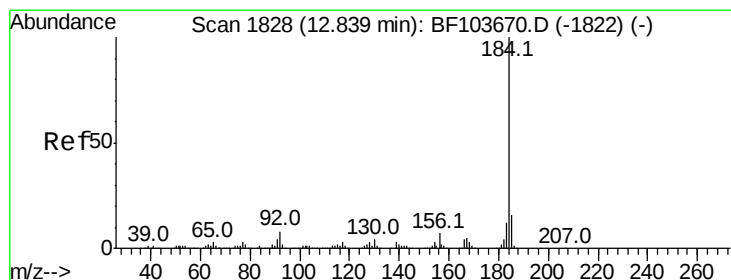
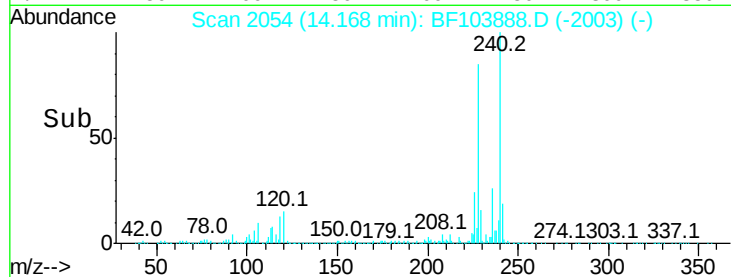
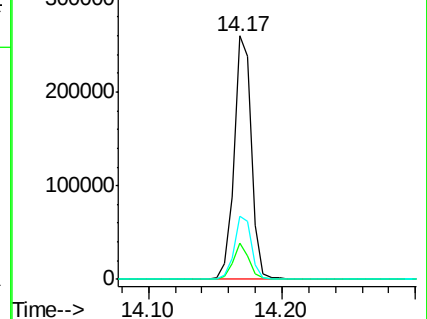
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.157 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

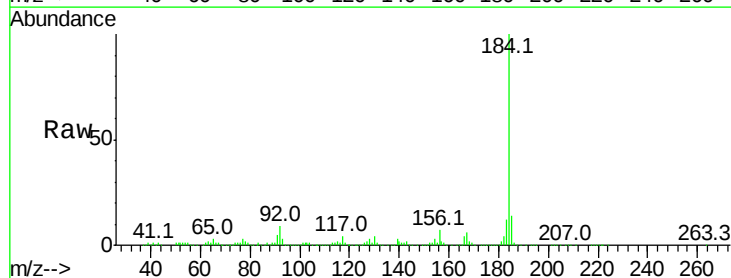
Tgt Ion:184 Resp: 376597

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

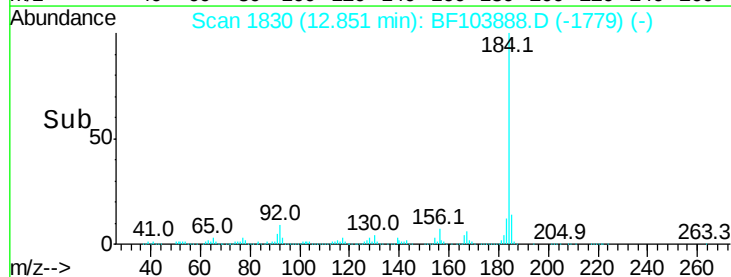
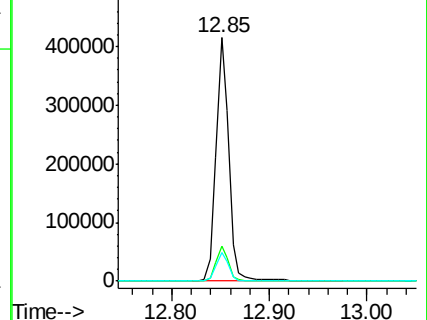
183 11.8 9.3 13.9

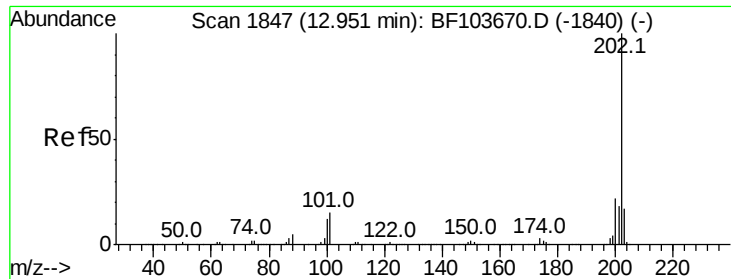


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

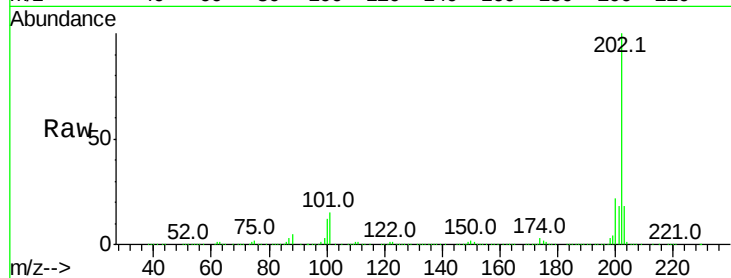




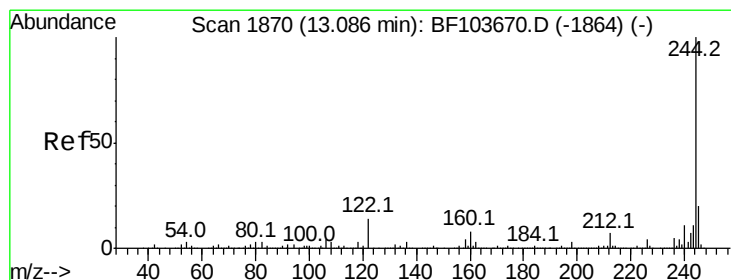
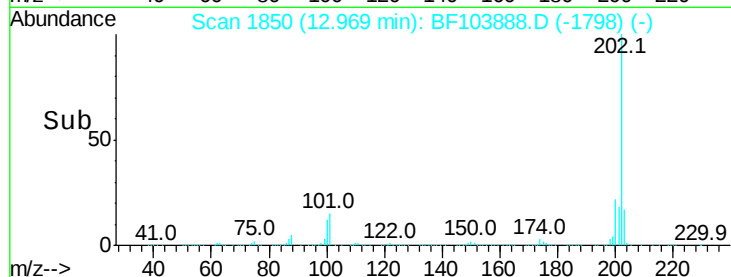
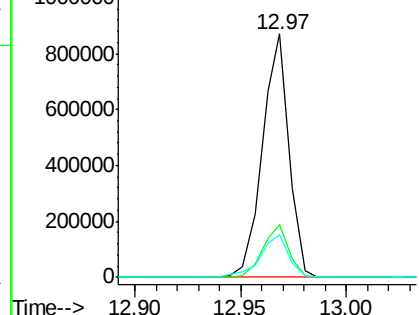
#77
Pvrene
Concen: 43.426 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 757865
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.3 21.5

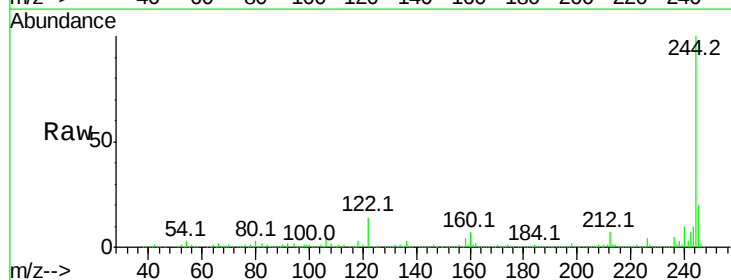


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

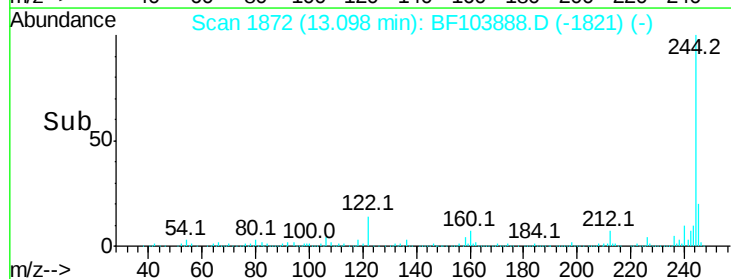
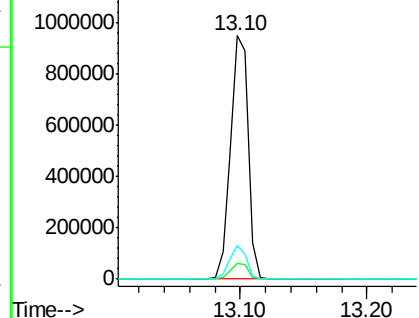


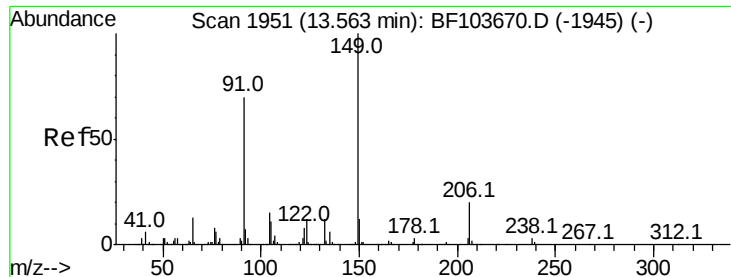
#78
Terphenyl-d14
Concen: 88.922 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:244 Resp: 910368
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.6 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

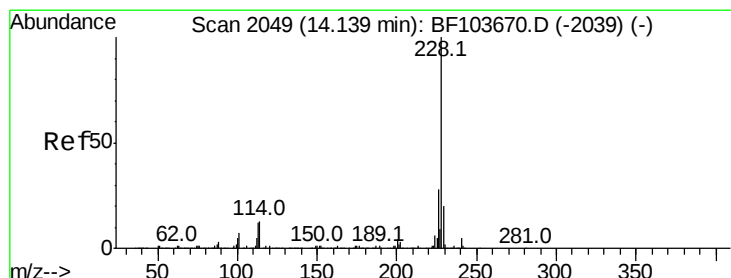
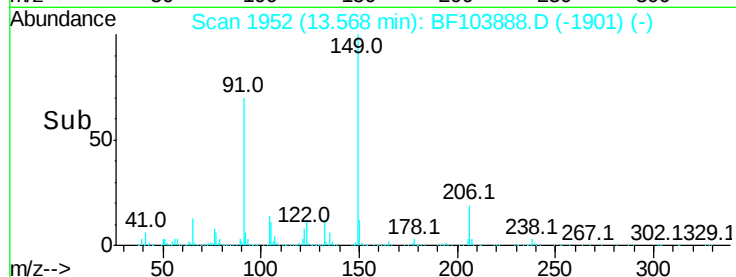
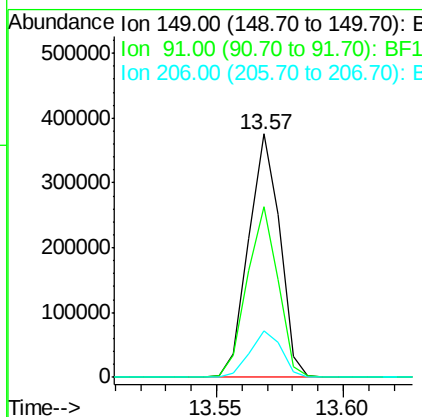
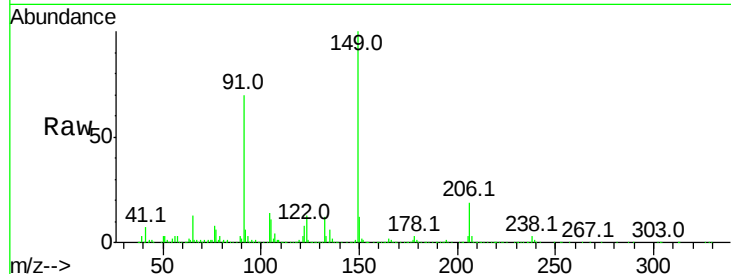




#79
Butylbenzylphthalate
Concen: 41.739 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

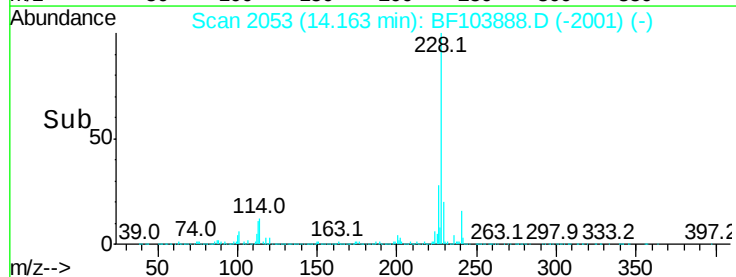
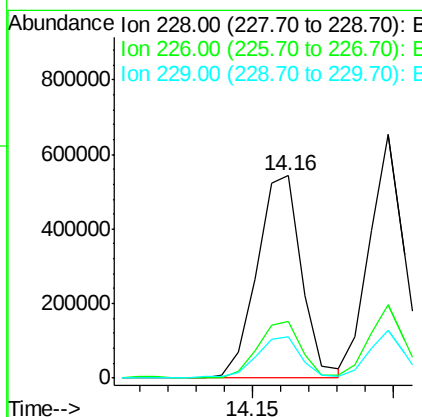
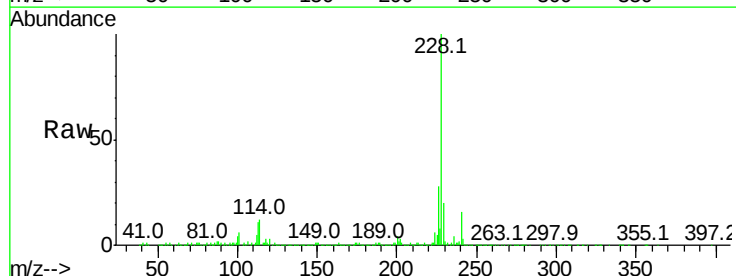
Instrument :
BNA_F
ClientSampleId :

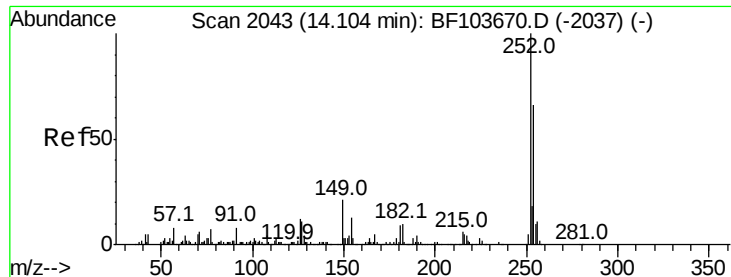
Tot Ion:149 Resp: 322729
Ion Ratio Lower Upper
149 100
91 70.2 56.8 85.2
206 19.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.280 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103888.D
Acq: 23 Mar 2018 18:46

Tgt Ion:228 Resp: 590850
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.3 15.8 23.6

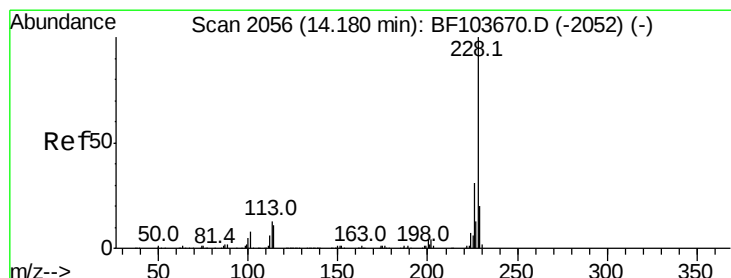
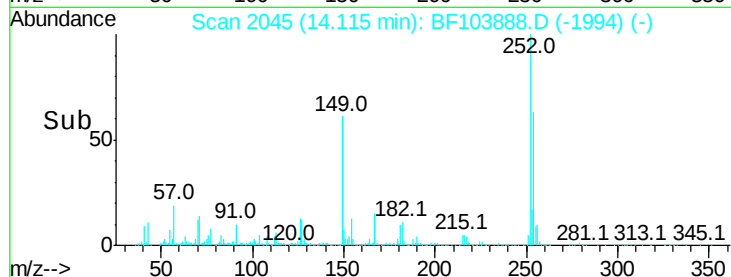
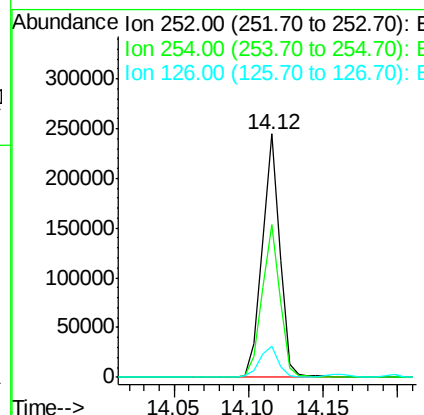
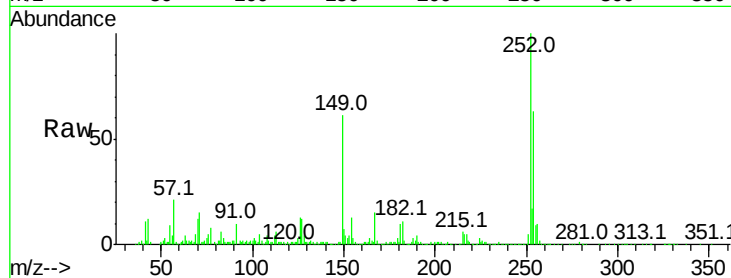




#81
 3,3'-Dichlorobenzidine
 Concen: 39.214 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

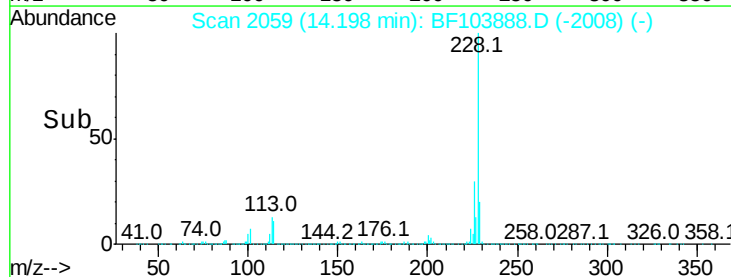
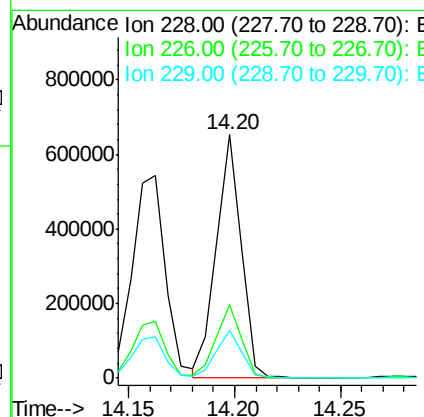
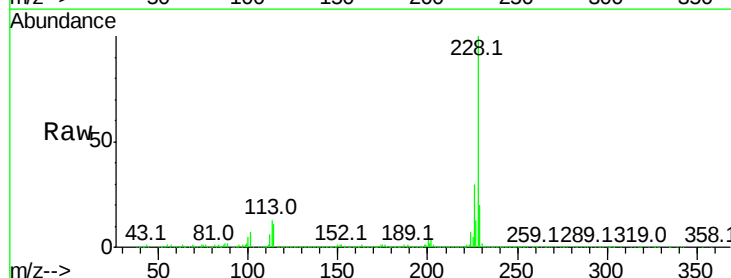
Instrument :
 BNA_F
 ClientSampled :

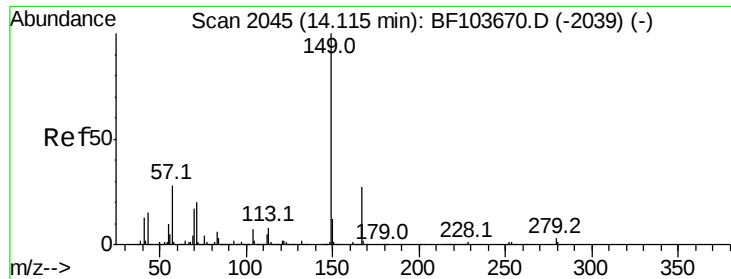
Tot Ion:252 Resp: 197306
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.4 75.6
 126 12.9 11.3 16.9



#82
 Chrysene
 Concen: 37.511 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:228 Resp: 537864
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.6
 229 19.8 16.2 24.4

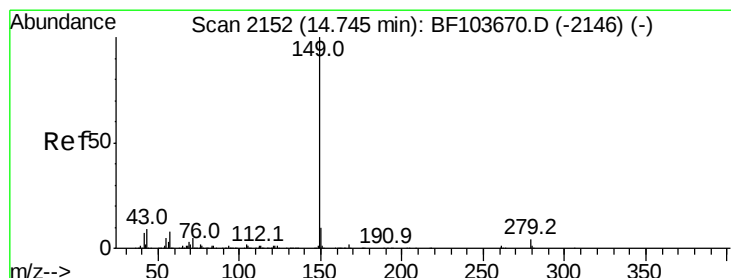
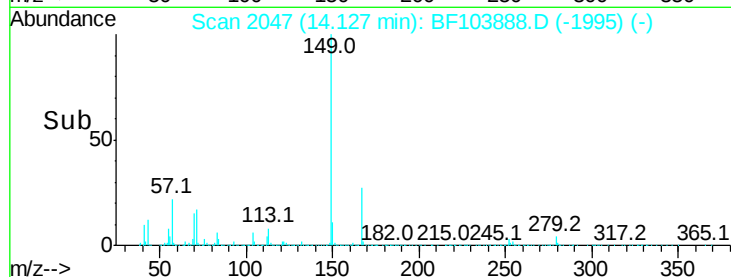
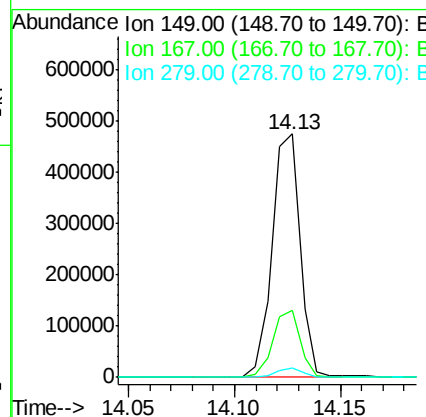
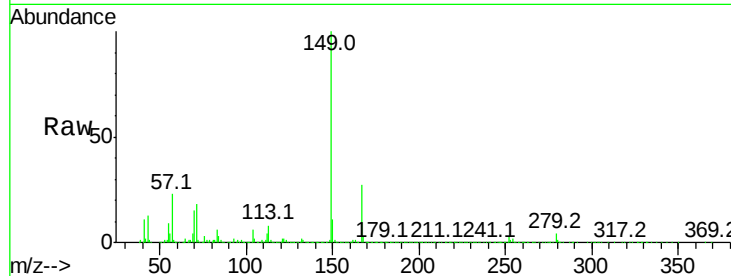




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.598 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

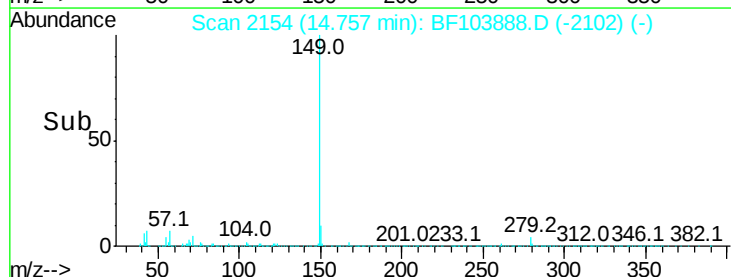
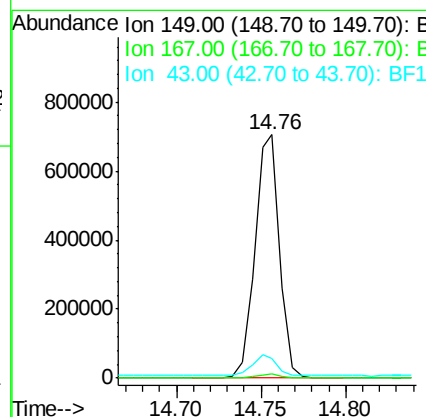
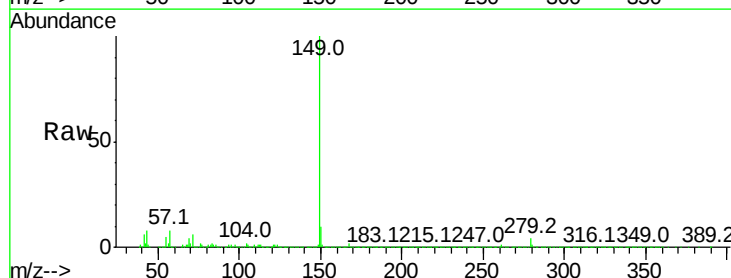
Instrument :
 BNA_F
 ClientSampleId :

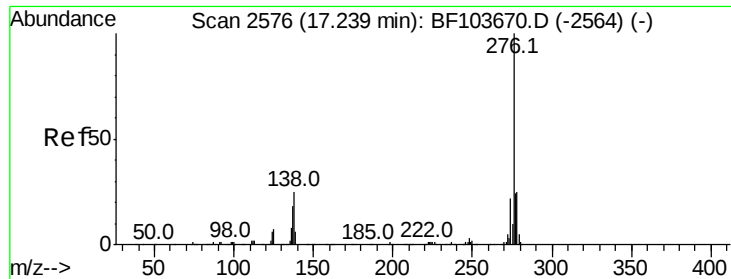
Tot Ion:149 Resp: 437397
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 4.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 43.974 ng
 RT: 14.76 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:149 Resp: 706649
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.4 8.4 12.6#

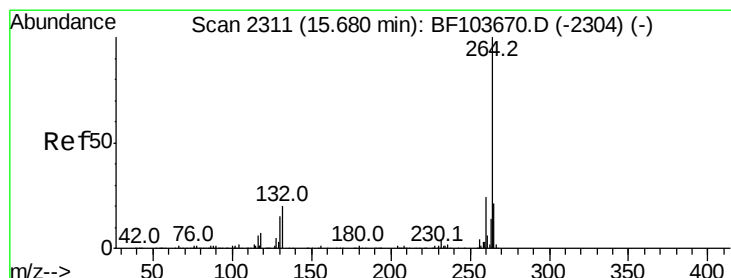
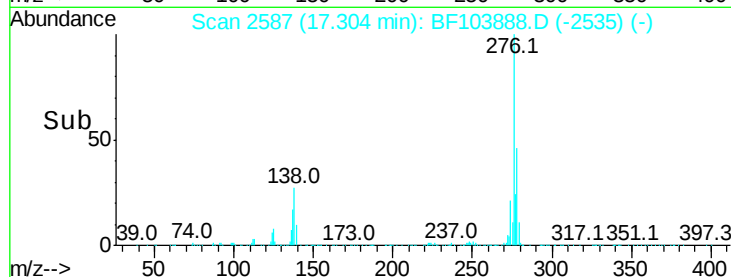
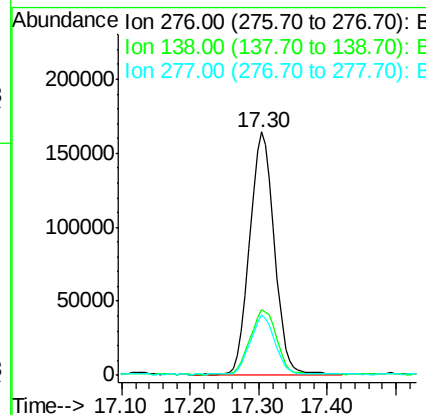
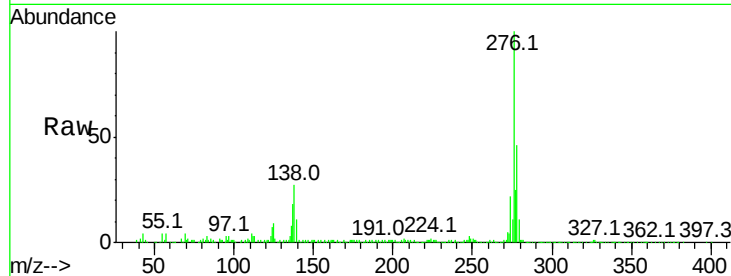




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.705 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

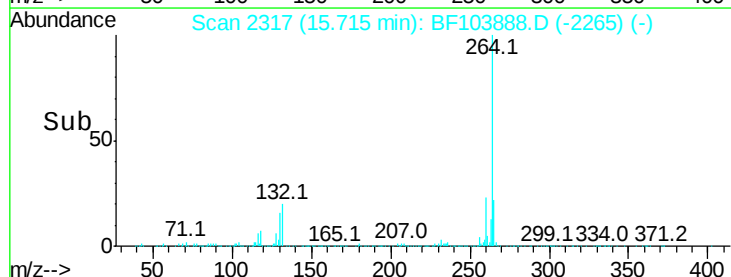
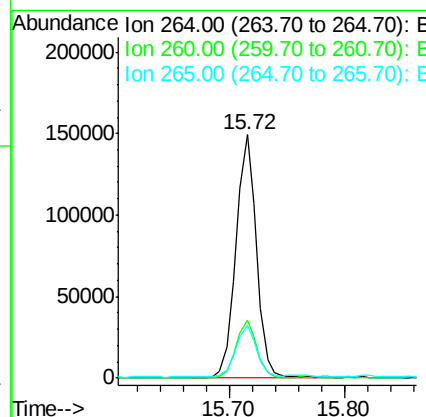
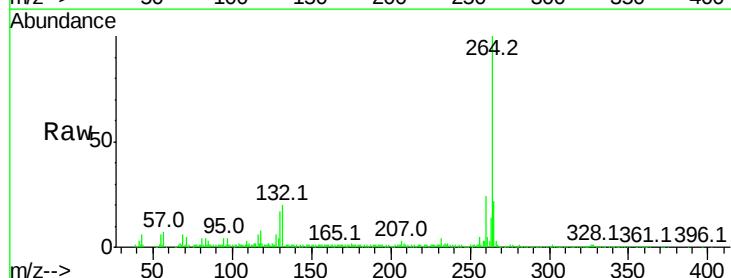
Instrument :
 BNA_F
 ClientSampleId :

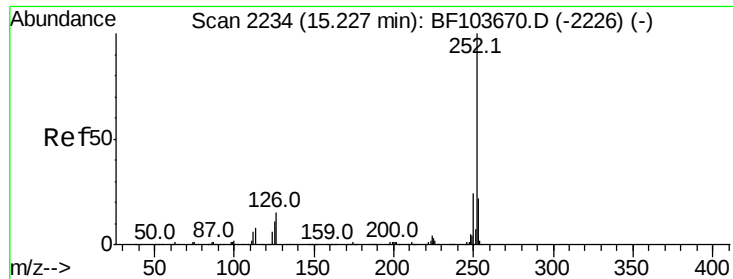
Tot Ion:276 Resp: 409542
 Ion Ratio Lower Upper
 276 100
 138 29.0 25.0 37.6
 277 24.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2317
 Delta R.T. 0.01 min
 Lab File: BF103888.D
 Acq: 23 Mar 2018 18:46

Tgt Ion:264 Resp: 181561
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 39.564 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

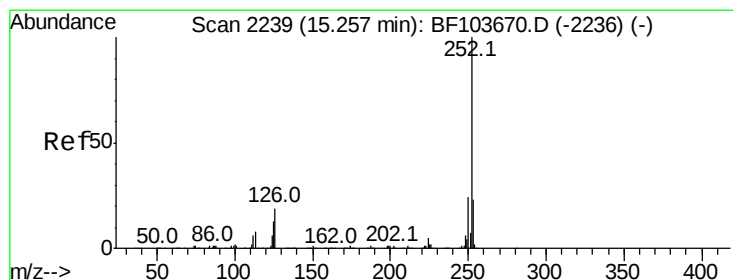
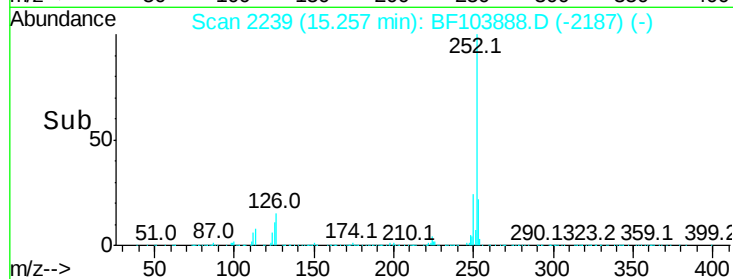
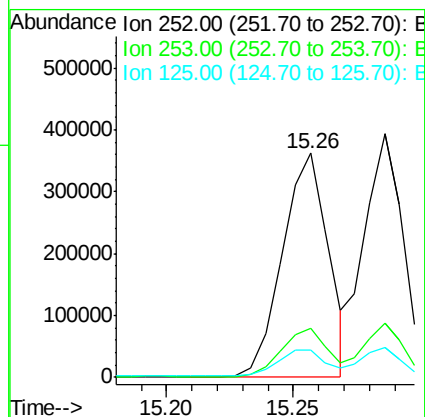
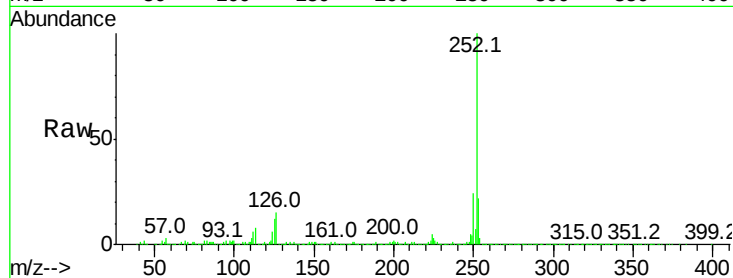
Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 453823

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.1	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 38.084 ng

RT: 15.29 min Scan# 2244

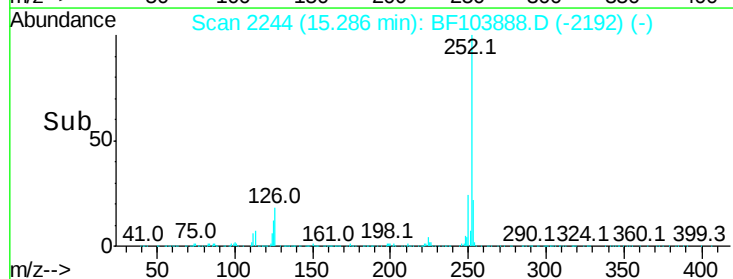
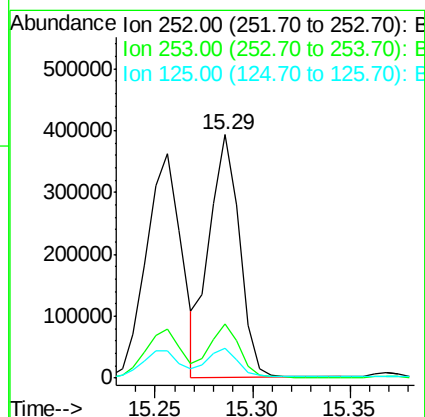
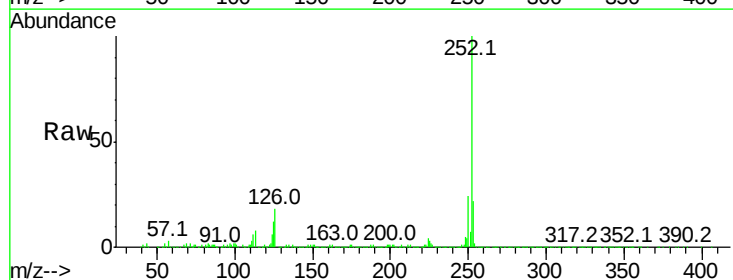
Delta R.T. 0.01 min

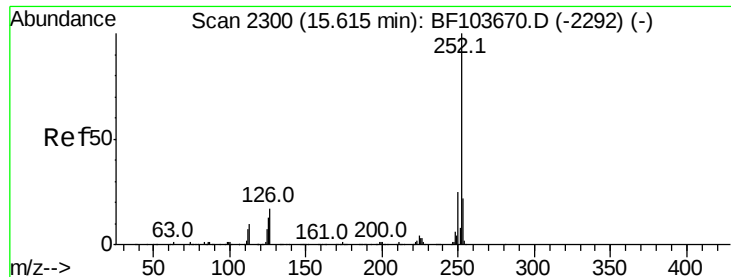
Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Tgt Ion:252 Resp: 419931

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.4	10.2	15.2





#89

Benzo(a)pyrene

Concen: 38.919 ng

RT: 15.65 min Scan# 2306

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

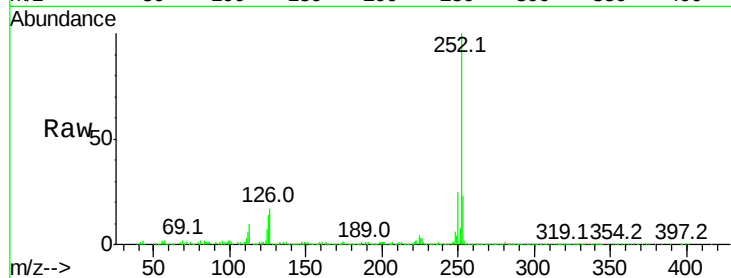
Tot Ion:252 Resp: 404914

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

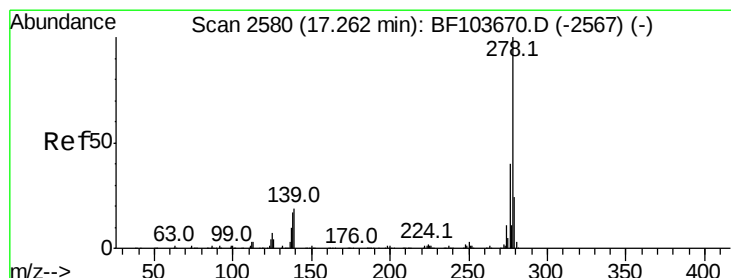
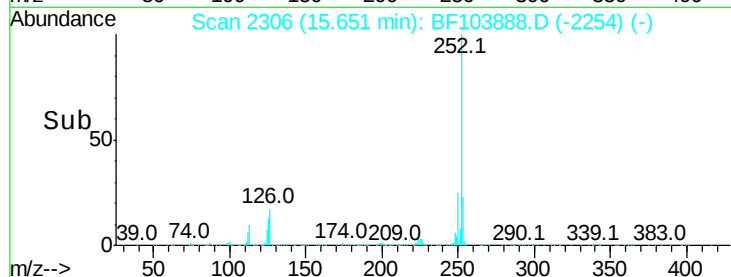
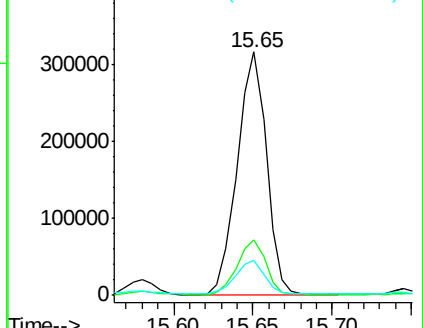
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.751 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

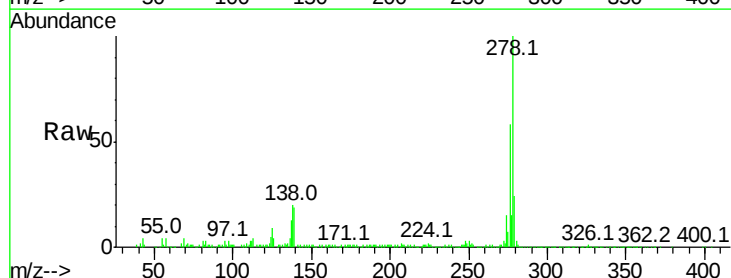
Tgt Ion:278 Resp: 331079

Ion Ratio Lower Upper

278 100

139 18.9 15.9 23.9

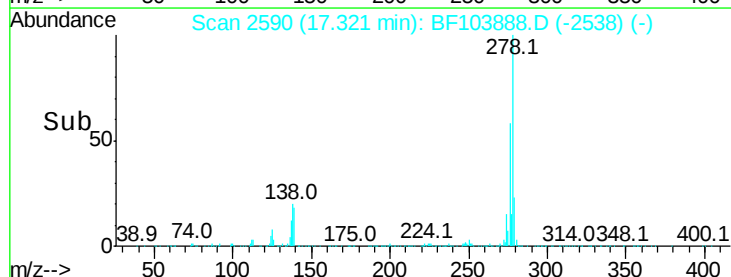
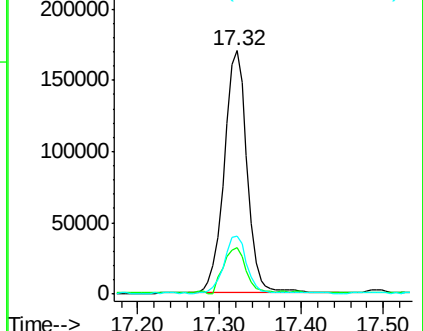
279 23.7 19.0 28.4

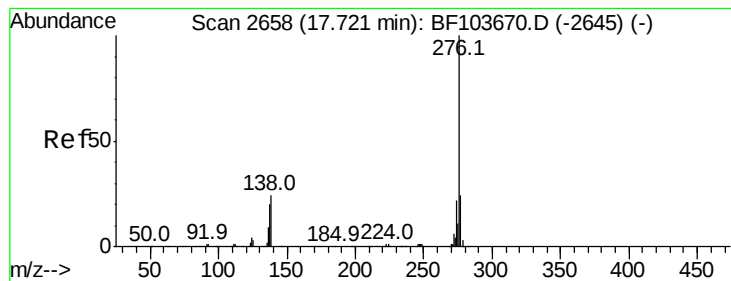


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.065 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.01 min

Lab File: BF103888.D

Acq: 23 Mar 2018 18:46

Instrument :

BNA_F

ClientSampleId :

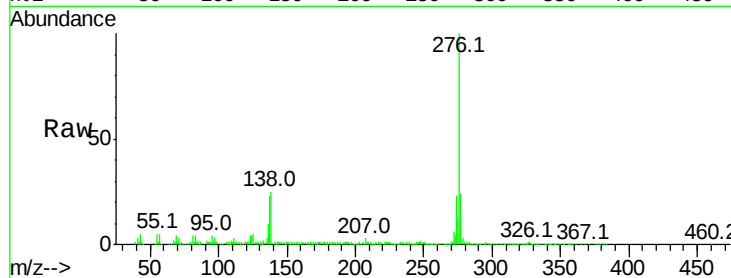
Tot Ion:276 Resp: 333606

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 25.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

