

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103889.D
 Acq On : 23 Mar 2018 19:13
 Operator : JU/SJ
 Sample : J2009-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 23:10:08 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	140633	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	534049	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	212407	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	326367	20.00	ng	0.00
75) Chrysene-d12	14.17	240	244700	20.00	ng	0.00
86) Perylene-d12	15.71	264	182091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	957363	103.54	ng	0.02
7) Phenol-d6	6.60	99	1198647	105.96	ng	0.00
23) Nitrobenzene-d5	7.55	82	714226	93.26	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	214208	117.29	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1042102	78.26	ng	0.00
78) Terphenyl-d14	13.10	244	871392	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	139639	30.671	ng	89
3) Pyridine	3.66	79	381501	30.465	ng	# 85
4) n-Nitrosodimethylamine	3.62	42	151501	32.812	ng	# 76
6) Aniline	6.65	93	246083	15.235	ng	96
8) 2-Chlorophenol	6.76	128	365706	37.757	ng	97
9) Benzaldehyde	6.53	77	97855	13.167	ng	98
10) Phenol	6.62	94	473803	39.417	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	356403	35.917	ng	95
12) 1,3-Dichlorobenzene	6.92	146	381929	34.621	ng	98
13) 1,4-Dichlorobenzene	7.00	146	384486	34.684	ng	98
14) 1,2-Dichlorobenzene	7.15	146	359308	34.930	ng	98
15) Benzyl Alcohol	7.12	79	295988	33.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	447766	31.726	ng	94
17) 2-Methylphenol	7.22	107	299797	34.757	ng	98
18) Hexachloroethane	7.49	117	95349	24.453	ng	95
19) n-Nitroso-di-n-propylamine	7.39	70	235057	32.424	ng	93
20) 3+4-Methylphenols	7.37	107	364507	33.299	ng	91
22) Acetophenone	7.39	105	475367	34.634	ng	# 94
24) Nitrobenzene	7.56	77	360246	40.069	ng	96
25) Isophorone	7.79	82	657381	37.081	ng	99
26) 2-Nitrophenol	7.87	139	133687	40.837	ng	91
27) 2,4-Dimethylphenol	7.90	122	316314	41.649	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	437984	40.799	ng	99
29) 2,4-Dichlorophenol	8.12	162	280436	40.586	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	291476	36.371	ng	98
31) Naphthalene	8.29	128	970548	35.976	ng	100
32) Benzoic acid	8.04	122	26523	13.833	ng	90
33) 4-Chloroaniline	8.33	127	131760	11.642	ng	95
34) Hexachlorobutadiene	8.39	225	156557	35.630	ng	99
35) Caprolactam	8.70	113	90271	37.941	ng	# 76
36) 4-Chloro-3-methylphenol	8.81	107	286794	37.650	ng	94
37) 2-Methylnaphthalene	8.97	142	617689	36.106	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	257356	42.470	ng	99
40) Hexachlorocyclopentadiene	9.12	237	13471	4.308	ng	94

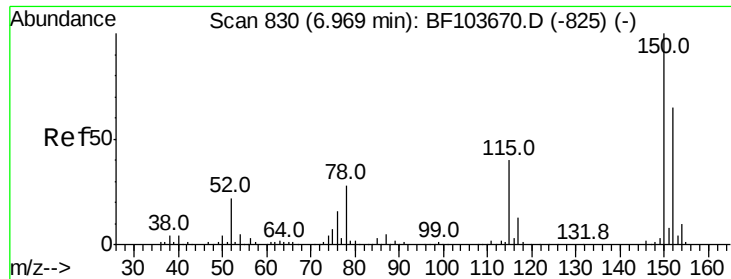
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
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 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	173022	44.640	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	182077	41.620	ng	97
45) 1,1'-Biphenyl	9.44	154	704432	39.772	ng	98
46) 2-Chloronaphthalene	9.47	162	544221	38.686	ng	98
47) 2-Nitroaniline	9.56	65	176263	47.911	ng	88
48) Acenaphthylene	9.89	152	793341	36.368	ng	100
49) Dimethylphthalate	9.73	163	752044	46.407	ng	99
50) 2,6-Dinitrotoluene	9.80	165	117575	38.376	ng	94
51) Acenaphthene	10.06	154	462849	35.733	ng	99
52) 3-Nitroaniline	9.97	138	157716	42.456	ng	96
53) 2,4-Dinitrophenol	10.08	184	3405	13.791	ng	# 26
54) Dibenzofuran	10.23	168	693357	37.480	ng	100
55) 4-Nitrophenol	10.13	139	200953	68.493	ng	93
56) 2,4-Dinitrotoluene	10.20	165	133676	35.515	ng	94
57) Fluorene	10.57	166	518413	36.114	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	129482	41.770	ng	94
59) Diethylphthalate	10.43	149	609508	37.894	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	251203	38.290	ng	97
61) 4-Nitroaniline	10.59	138	158411	44.136	ng	94
62) Azobenzene	10.72	77	524395	32.068	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	3241	11.041	ng	89
65) n-Nitrosodiphenylamine	10.67	169	473493	42.623	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	141021	42.084	ng	90
67) Hexachlorobenzene	11.12	284	149890	39.191	ng	92
68) Atrazine	11.20	200	128287	37.331	ng	99
69) Pentachlorophenol	11.32	266	142743	64.919	ng	95
70) Phenanthrene	11.54	178	749850	42.001	ng	99
71) Anthracene	11.59	178	711663	39.248	ng	100
72) Carbazole	11.75	167	660964	37.504	ng	99
73) Di-n-butylphthalate	12.06	149	844046	39.914	ng	99
74) Fluoranthene	12.73	202	823933	44.797	ng	99
76) Benzidine	12.85	184	374638	35.897	ng	98
77) Pyrene	12.97	202	819600	45.608	ng	98
79) Butylbenzylphthalate	13.57	149	336449	42.257	ng	99
80) Benzo(a)anthracene	14.16	228	620779	40.078	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	209068	40.352	ng	98
82) Chrysene	14.20	228	582202	39.430	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459766	40.422	ng	100
84) Di-n-octyl phthalate	14.75	149	749430	45.290	ng	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	433851	33.646	ng	97
87) Benzo(b)fluoranthene	15.25	252	498599	43.341	ng	97
88) Benzo(k)fluoranthene	15.29	252	429213	38.813	ng	99
89) Benzo(a)pyrene	15.65	252	433834	41.578	ng	100
90) Dibenzo(a,h)anthracene	17.32	278	348640	38.588	ng	98
91) Benzo(g,h,i)perylene	17.79	276	351001	39.933	ng	97

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

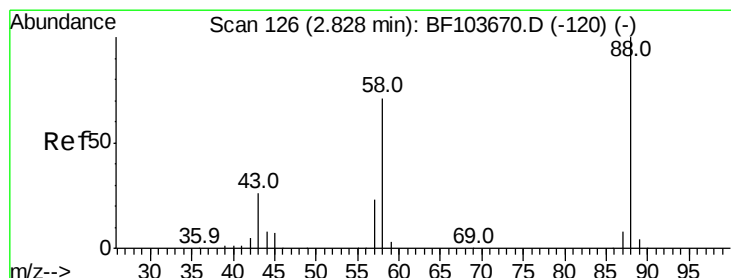
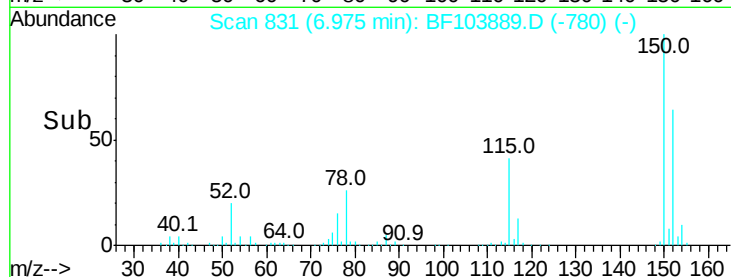
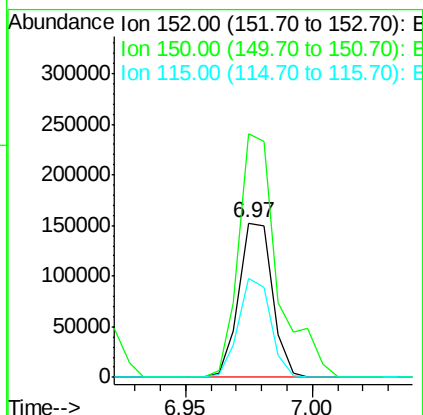
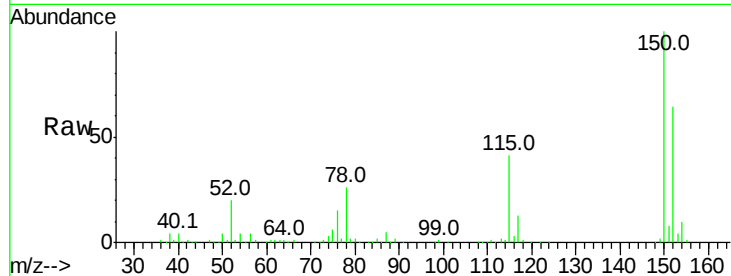


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :

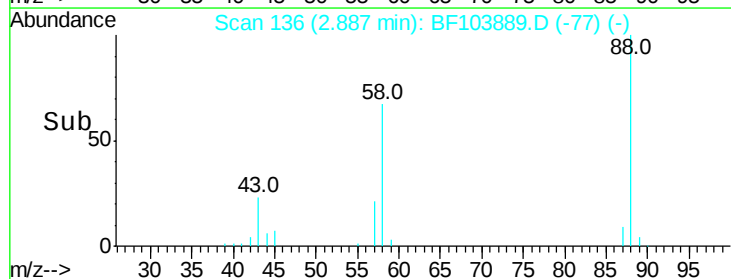
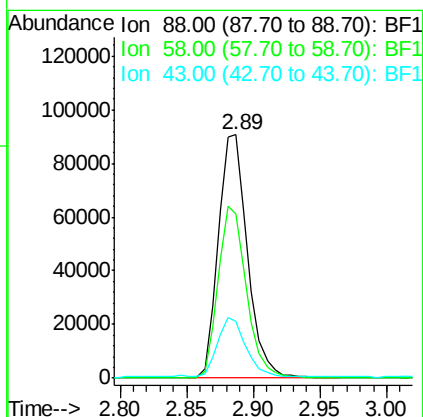
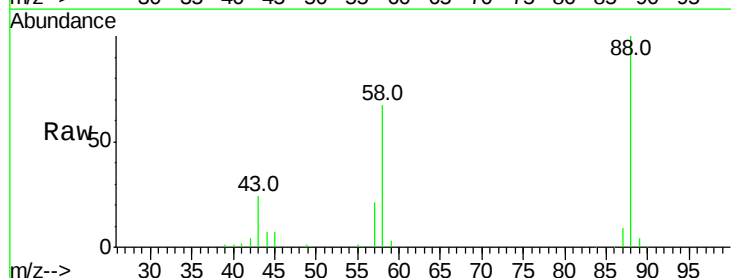
Tot Ion:152 Resp: 140633
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 64.2 50.1 75.1

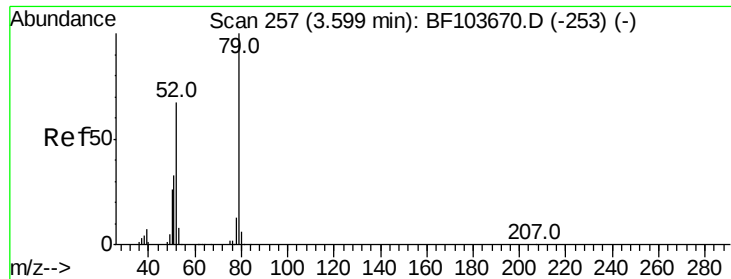


#2

1,4-Dioxane
Concen: 30.671 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.05 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion: 88 Resp: 139639
Ion Ratio Lower Upper
88 100
58 68.7 62.6 93.8
43 24.9 24.6 37.0





#3

Pvridine

Concen: 30.465 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.04 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

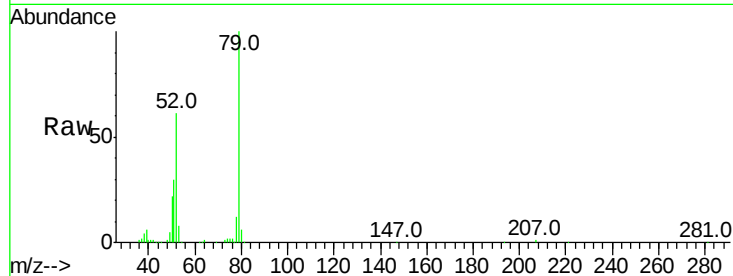
Tot Ion: 79 Resp: 381501

Ion Ratio Lower Upper

79 100

52 60.7 59.8 89.6

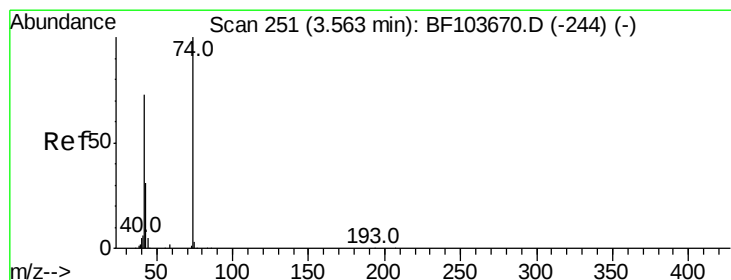
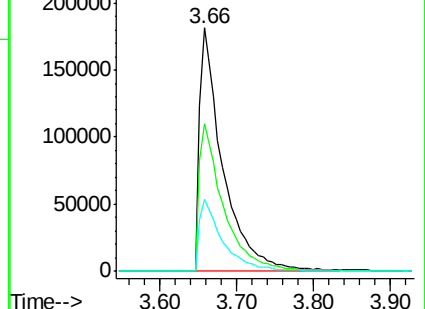
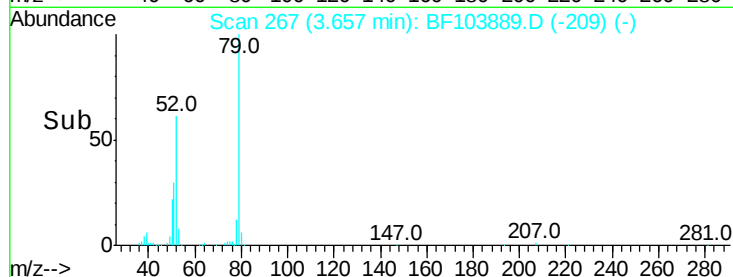
51 29.7 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.812 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.04 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

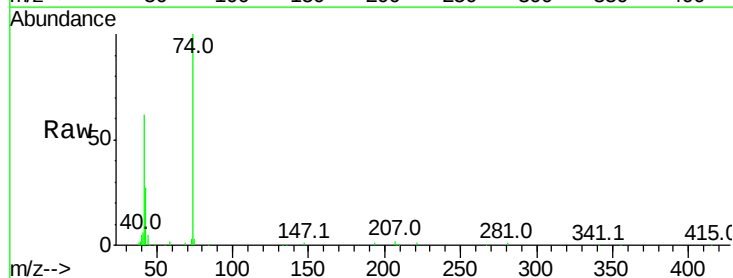
Tgt Ion: 42 Resp: 151501

Ion Ratio Lower Upper

42 100

74 161.5 104.9 157.3#

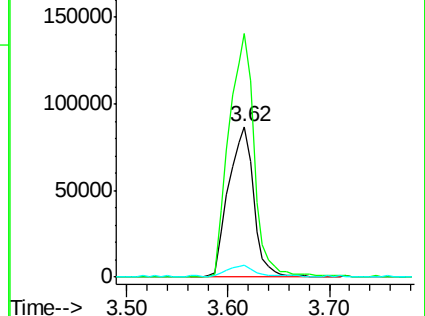
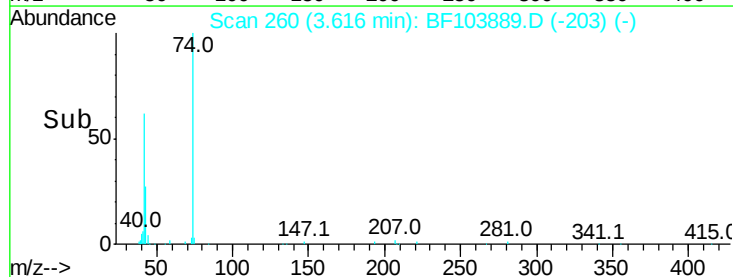
44 7.8 6.9 10.3

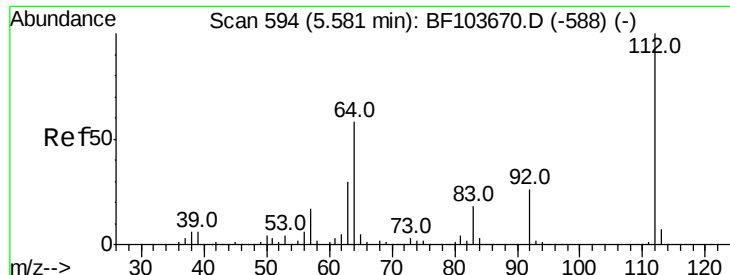


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.542 ng

RT: 5.61 min Scan# 599

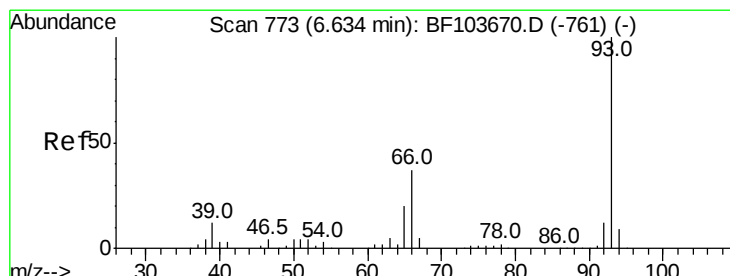
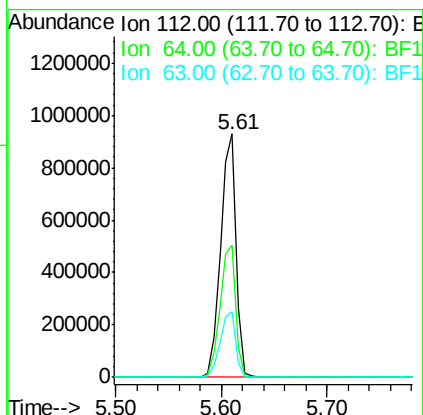
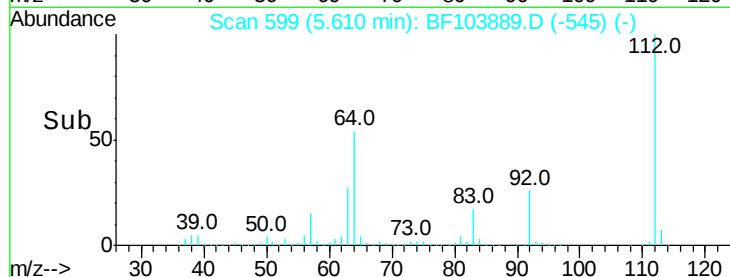
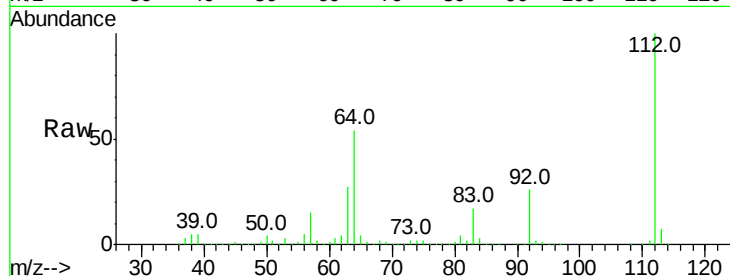
Delta R.T. 0.02 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	957363
Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.0	23.7	35.5



#6

Aniline

Concen: 15.235 ng

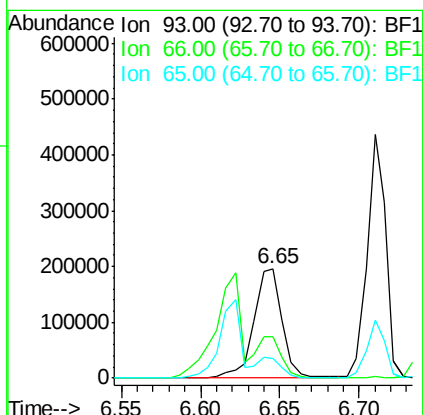
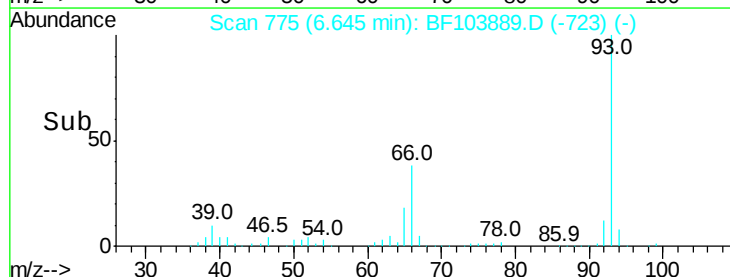
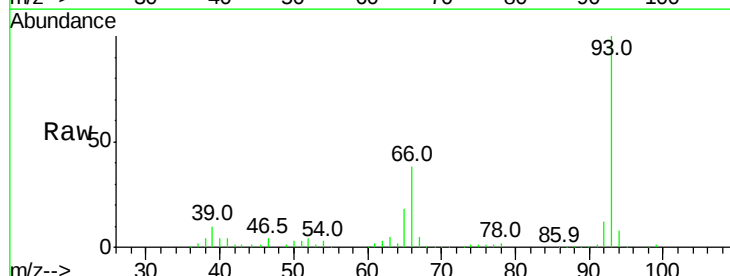
RT: 6.65 min Scan# 775

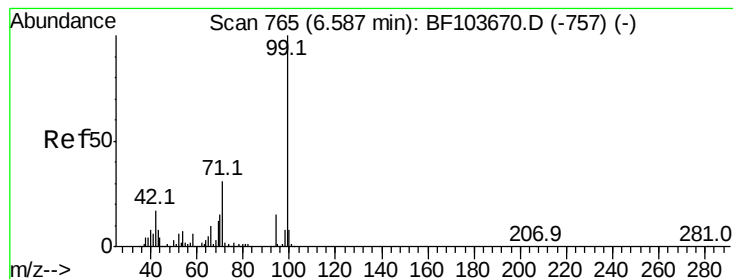
Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:	93	Resp:	246083
Ion	Ratio	Lower	Upper
93	100		
66	38.2	32.2	48.2
65	18.3	16.4	24.6





#7

Phenol-d6

Concen: 105.963 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

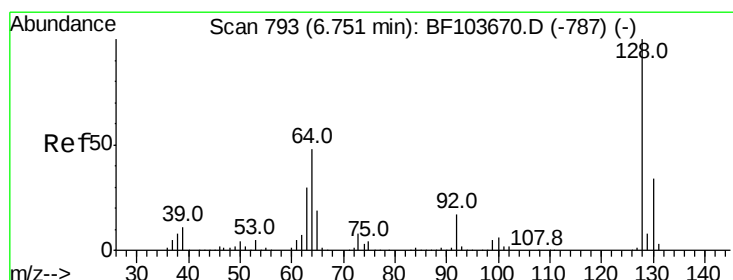
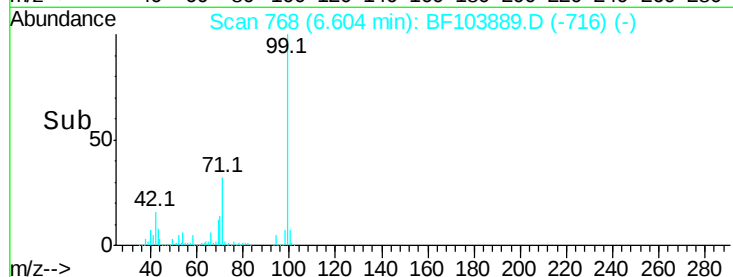
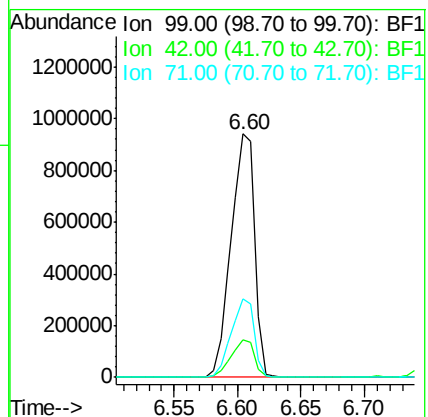
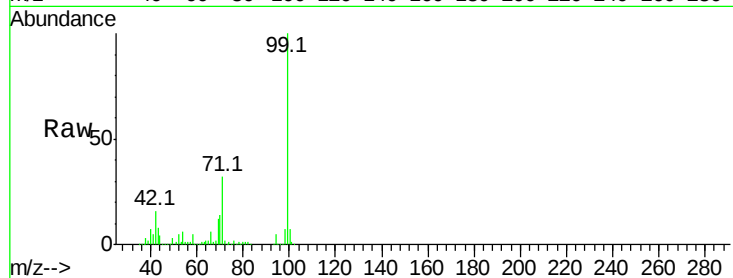
Tot Ion: 99 Resp: 1198647

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

71 32.3 25.4 38.0



#8

2-Chlorophenol

Concen: 37.757 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

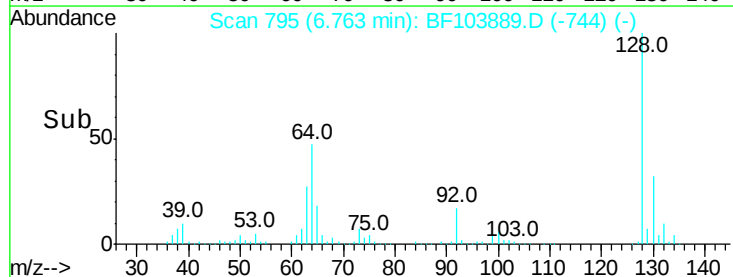
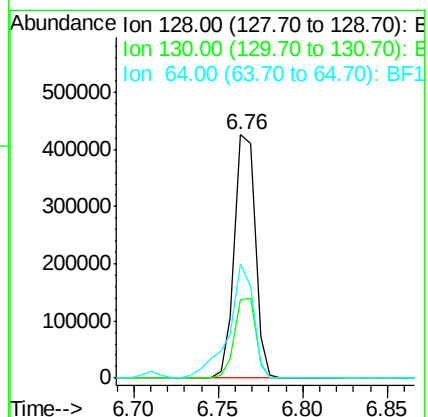
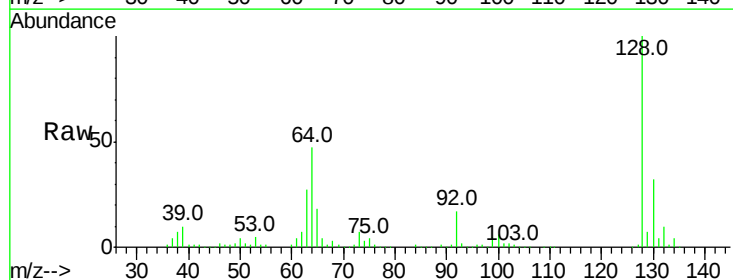
Tgt Ion:128 Resp: 365706

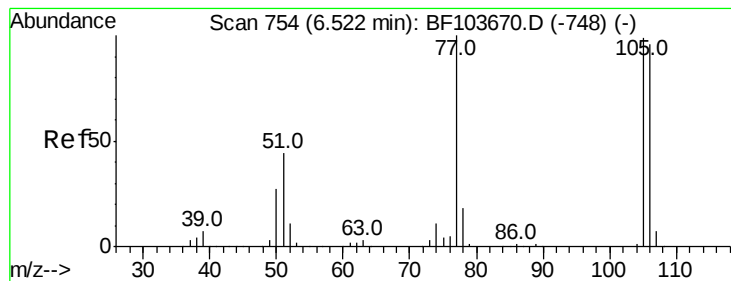
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 46.9 29.4 69.4





#9

Benzaldehyde

Concen: 13.167 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

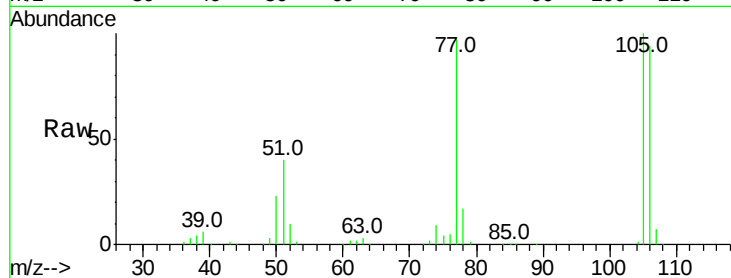
Tot Ion: 77 Resp: 97855

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

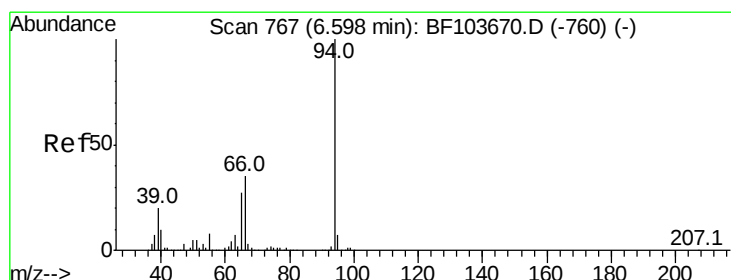
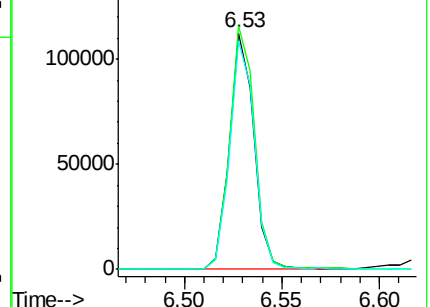
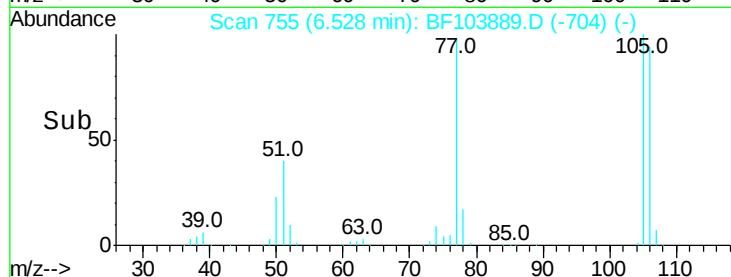
106 96.4 74.5 114.5



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: 39.417 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

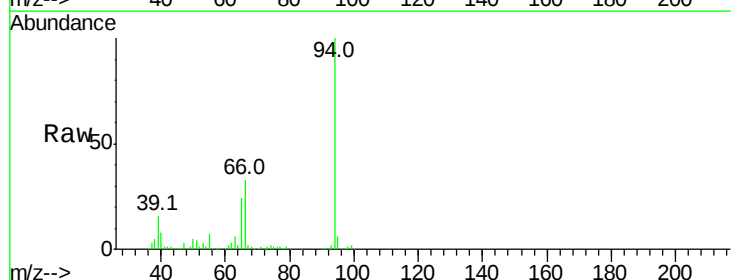
Tgt Ion: 94 Resp: 473803

Ion Ratio Lower Upper

94 100

65 24.4 7.9 47.9

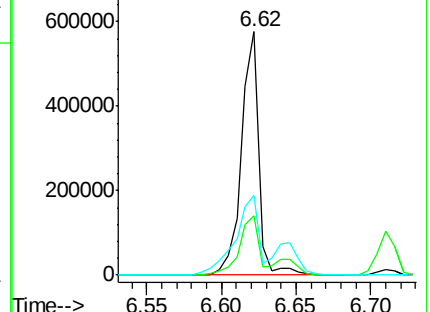
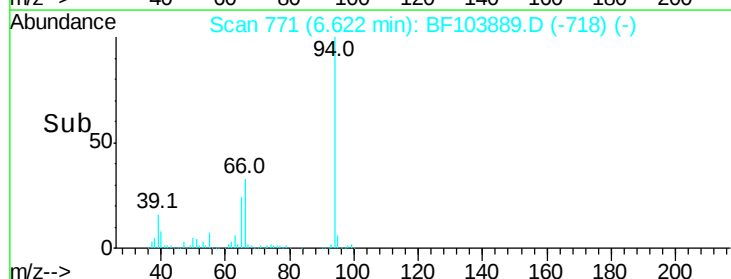
66 32.6 16.2 56.2

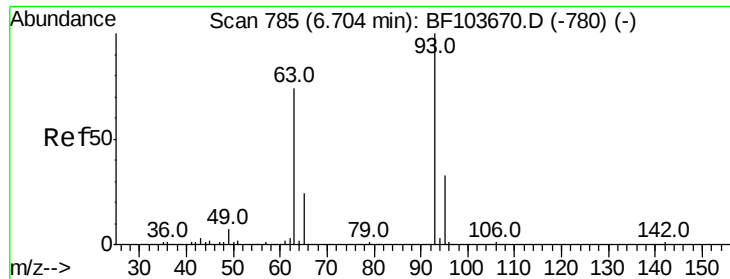


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

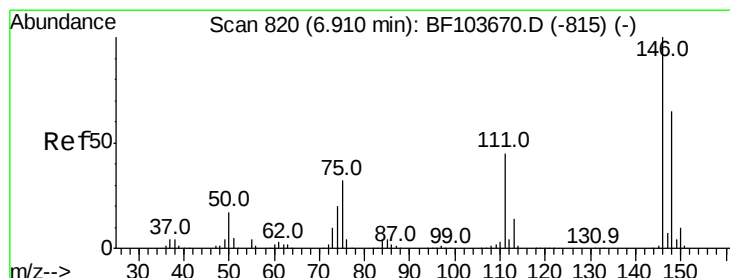
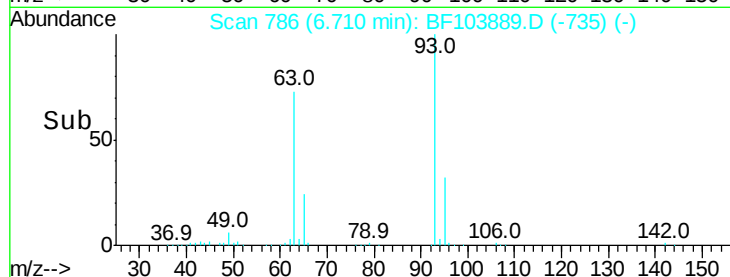
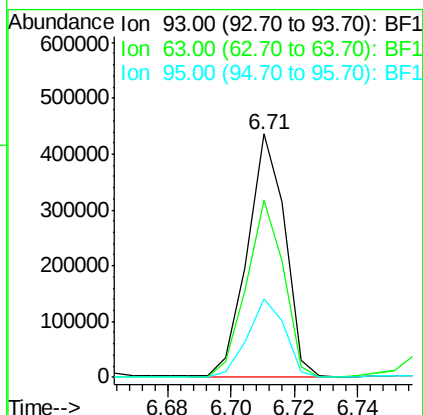
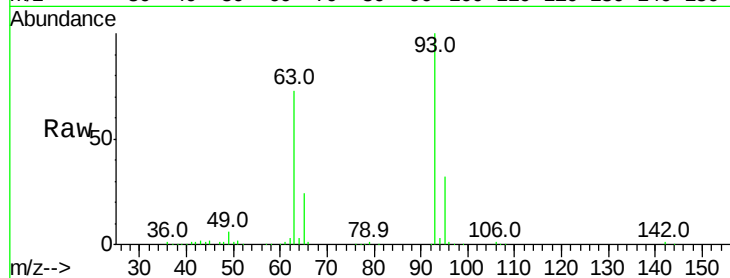




#11
bis(2-Chloroethyl)ether
Concen: 35.917 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

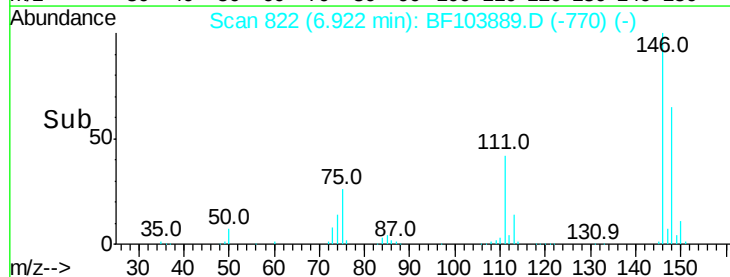
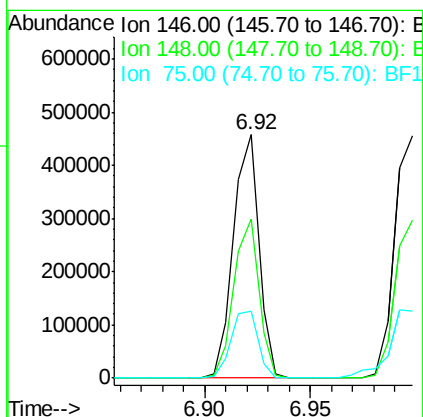
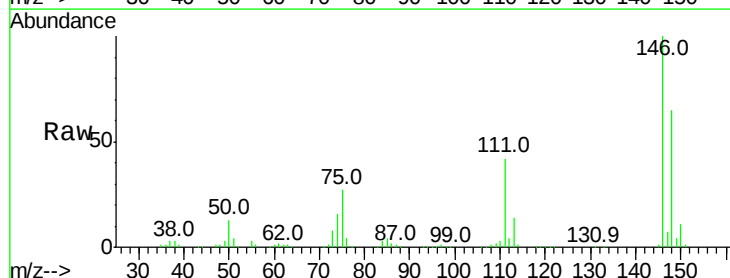
Instrument :
BNA_F
ClientSampled :

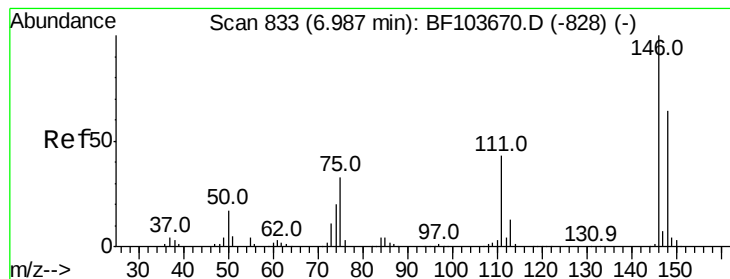
Tot Ion: 93 Resp: 356403
Ion Ratio Lower Upper
93 100
63 72.9 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 34.621 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion: 146 Resp: 381929
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
75 27.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 34.684 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

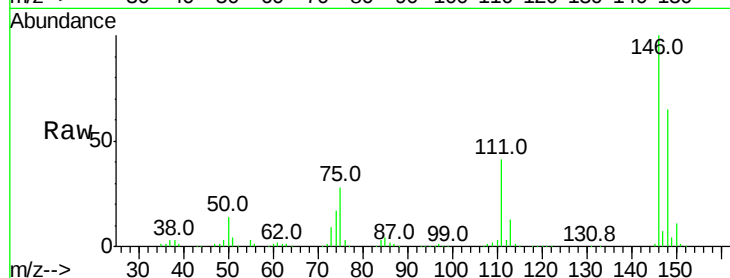
Tot Ion:146 Resp: 384486

Ion Ratio Lower Upper

146 100

148 65.2 50.8 76.2

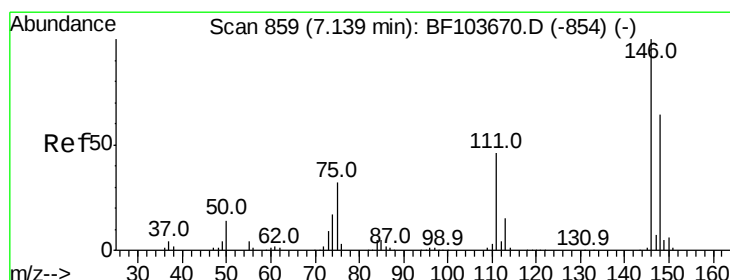
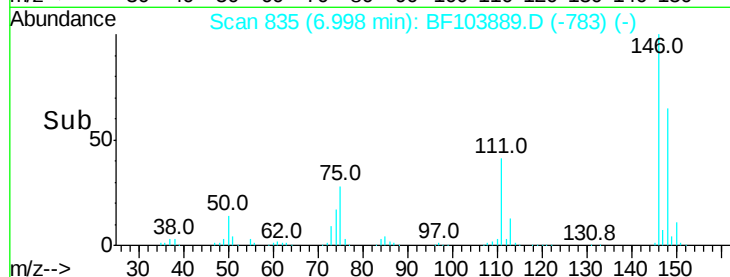
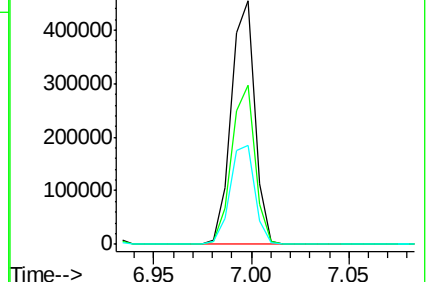
111 40.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.930 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

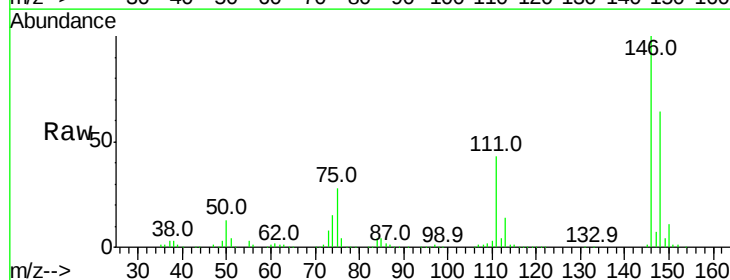
Tgt Ion:146 Resp: 359308

Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

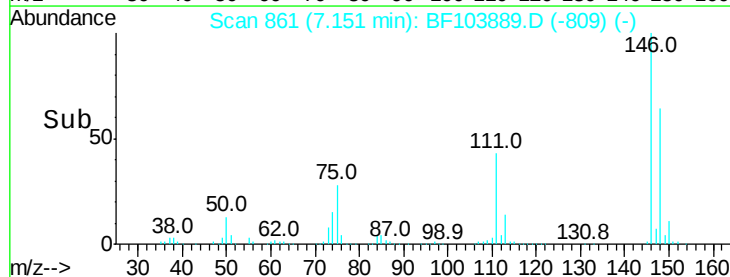
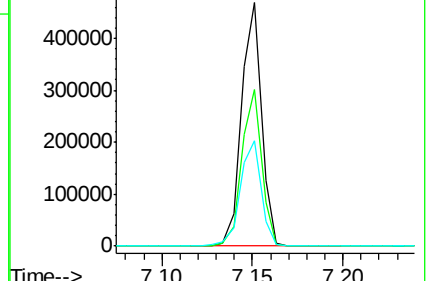
111 43.2 36.0 54.0

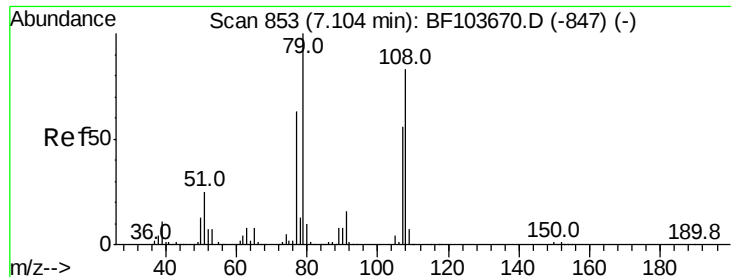


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

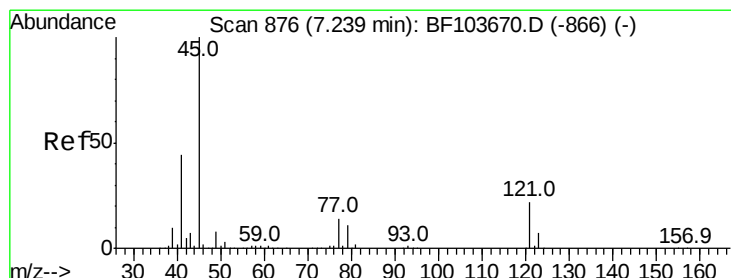
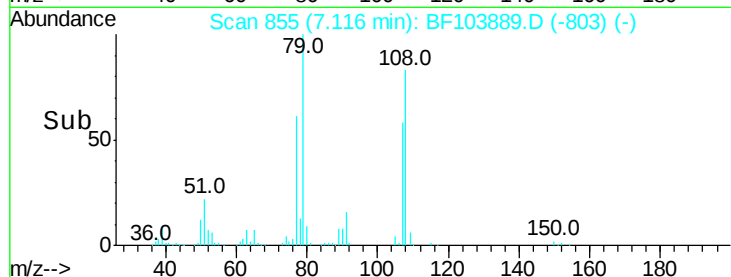
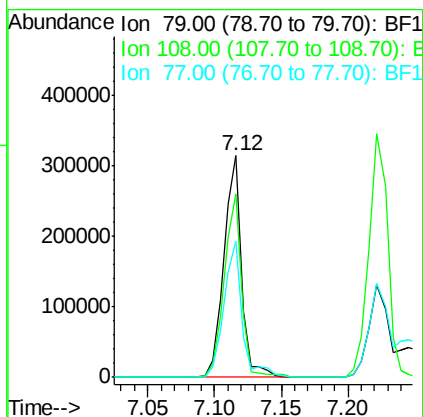
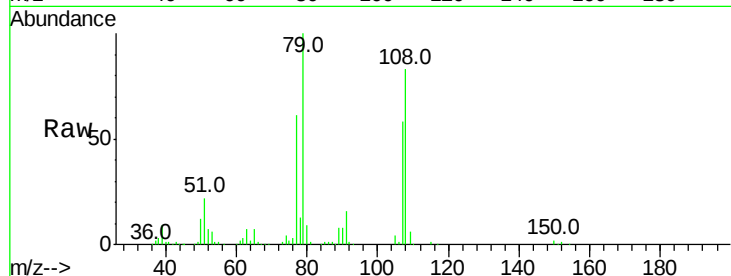




#15
Benzyl Alcohol
Concen: 33.771 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

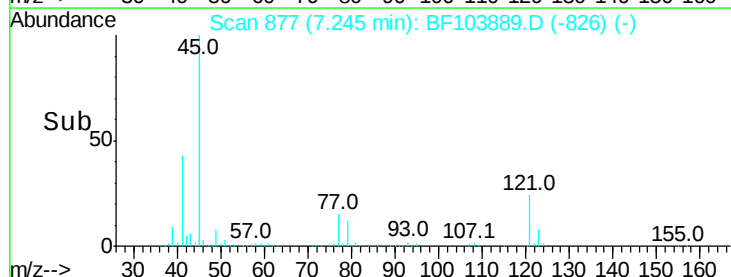
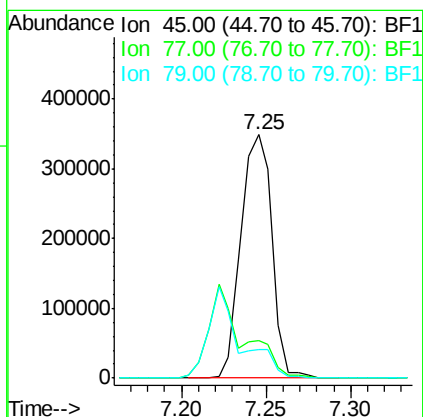
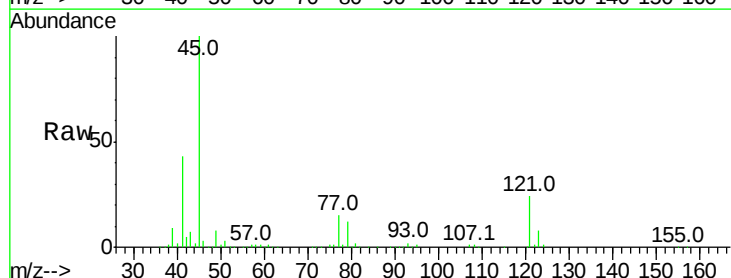
Instrument :
BNA_F
ClientSampled :

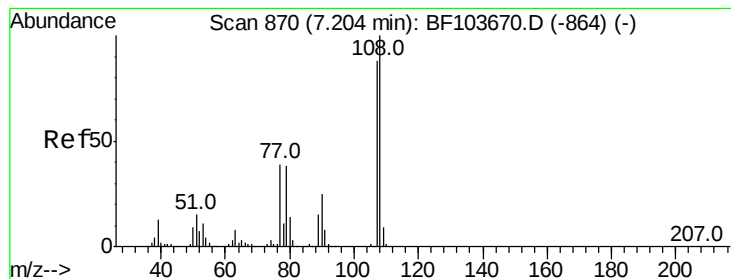
Tot Ion: 79 Resp: 295988
Ion Ratio Lower Upper
79 100
108 82.9 65.1 97.7
77 61.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.726 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion: 45 Resp: 447766
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 11.9 0.0 29.6





#17

2-Methylphenol

Concen: 34.757 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 299797

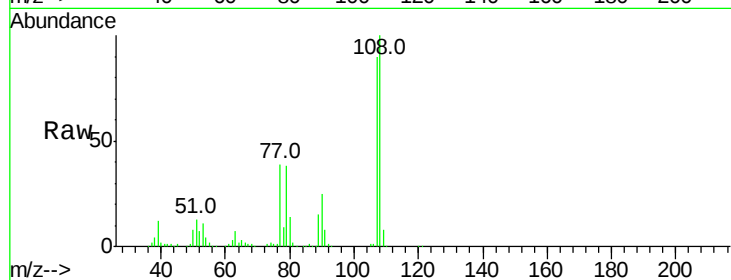
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 42.9 33.8 50.8

79 42.1 33.8 50.8

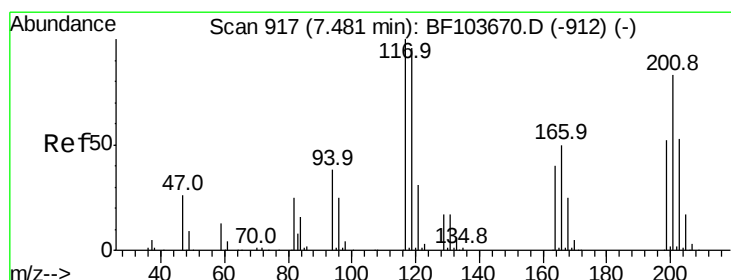
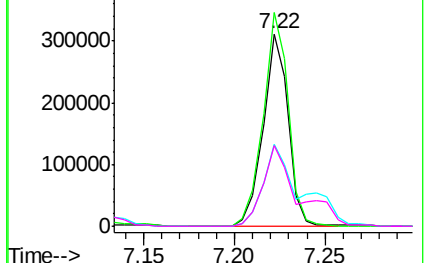
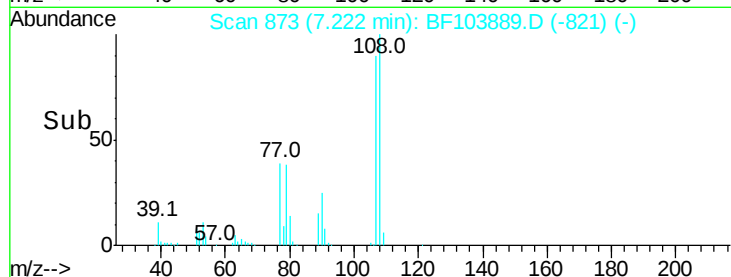


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.453 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

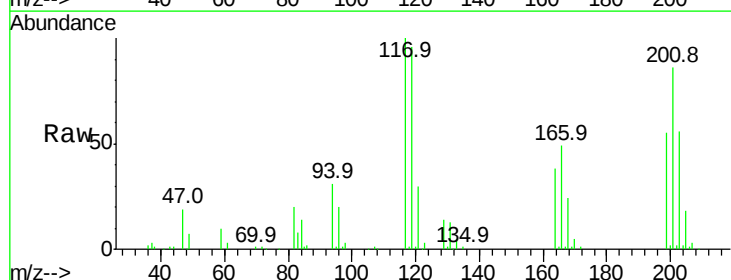
Tgt Ion:117 Resp: 95349

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.8

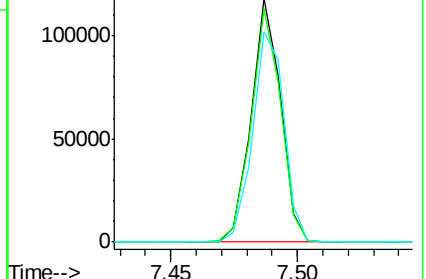
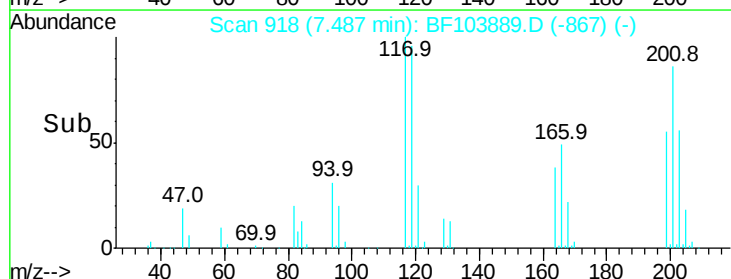
201 86.4 75.7 113.5

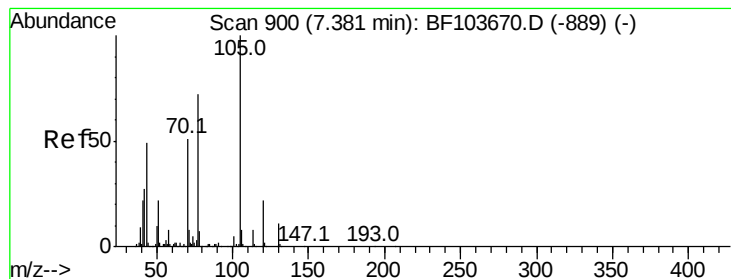


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.424 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 235057

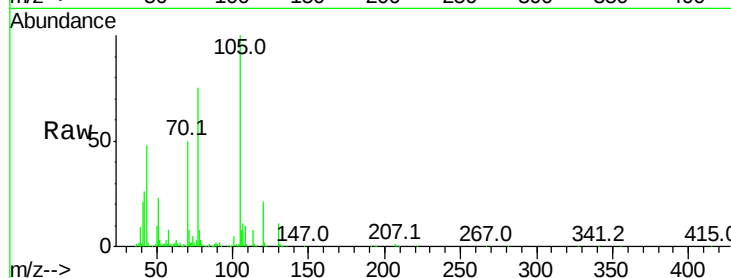
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 10.1 7.4 11.2

130 22.7 16.6 25.0

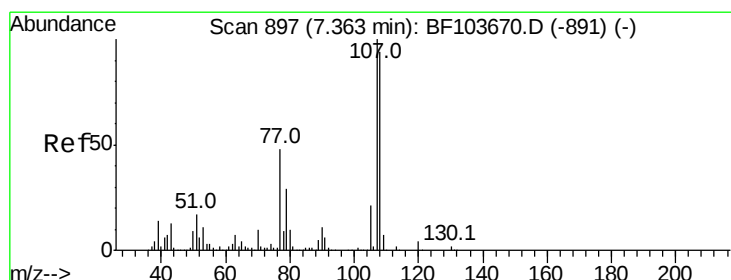
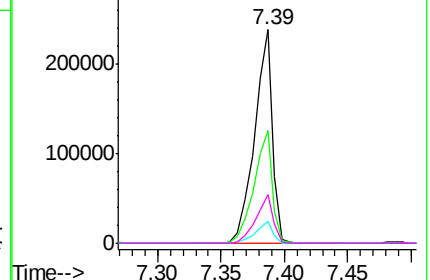
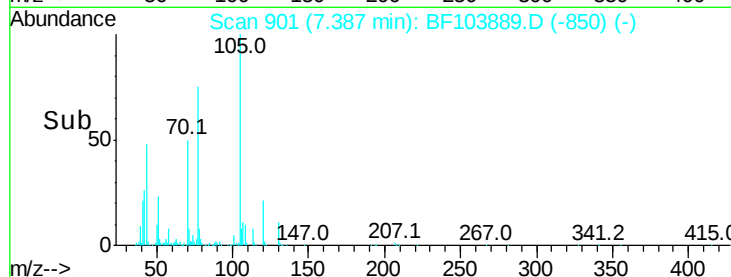


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.299 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Tgt Ion:107 Resp: 364507

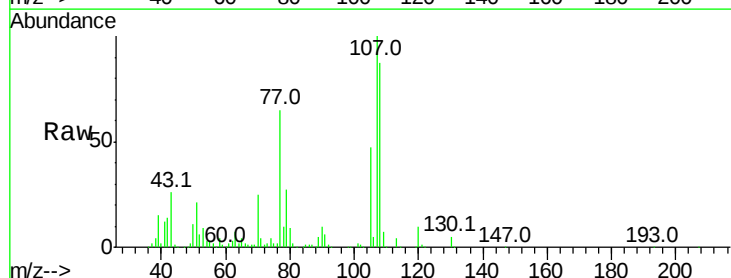
Ion Ratio Lower Upper

107 100

108 87.3 68.2 108.2

77 64.8 26.7 66.7

79 26.7 6.3 46.3

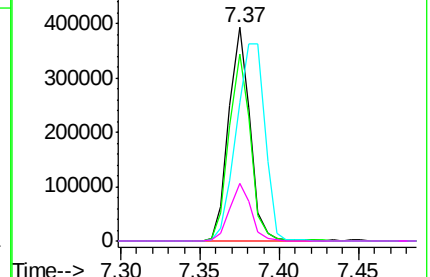
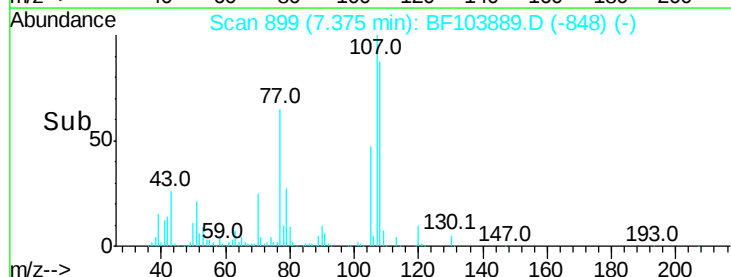


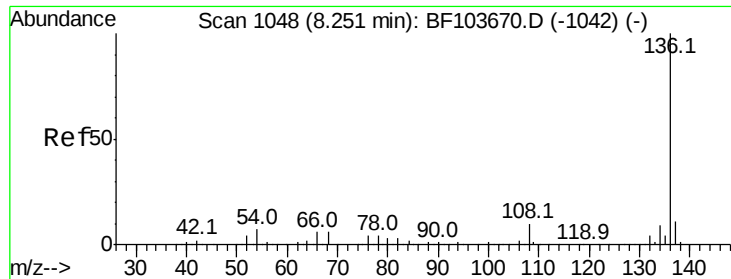
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

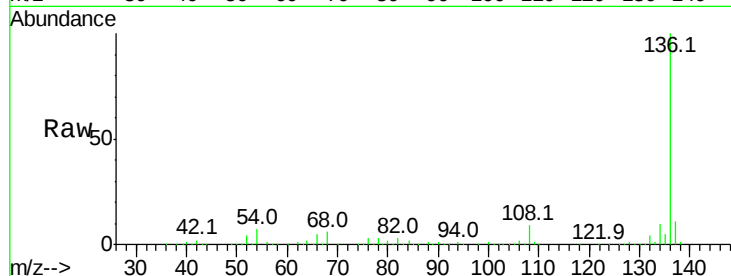




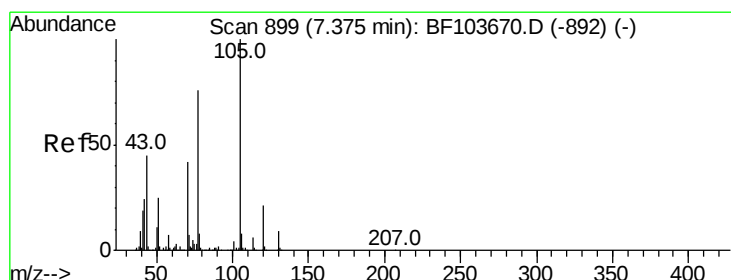
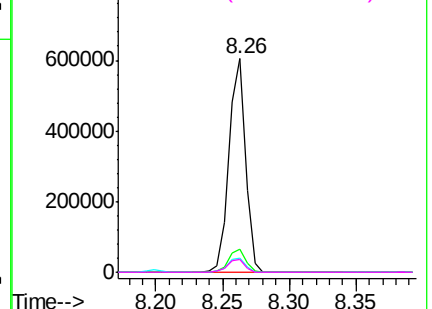
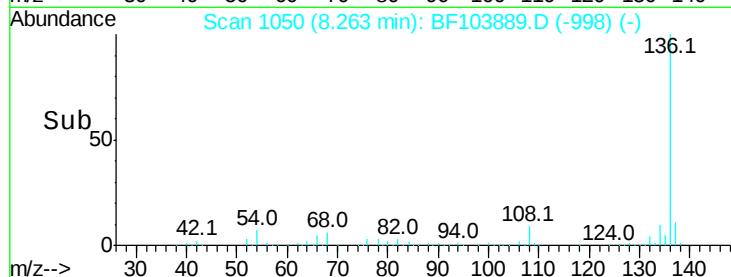
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	534049
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.6	6.6 9.8
68	5.9	5.0 7.4

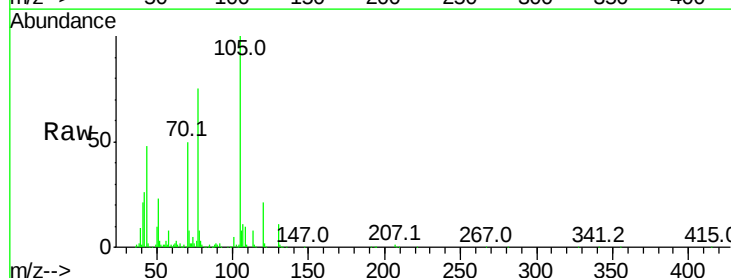


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

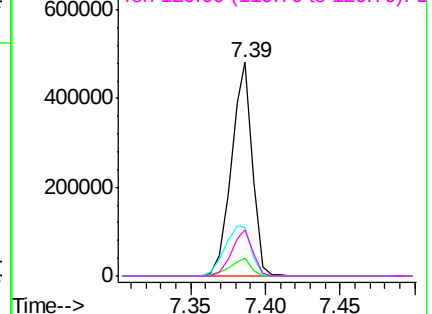
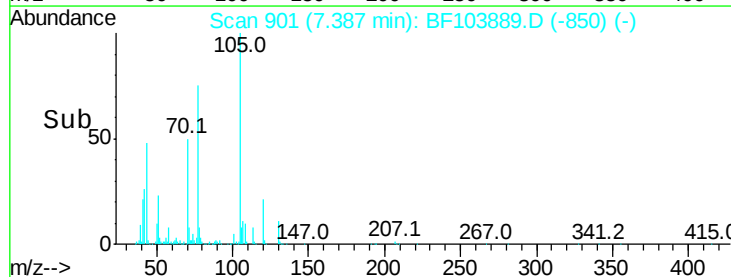


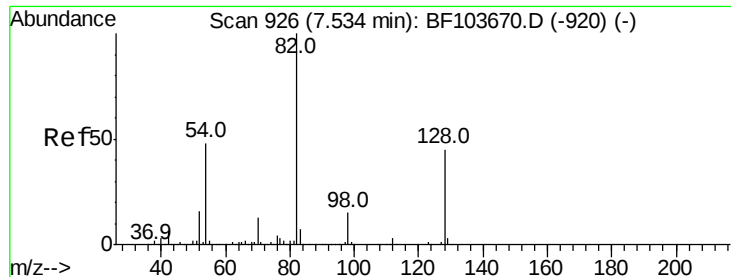
#22
Acetophenone
Concen: 34.634 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:105	Resp:	475367
Ion Ratio	Lower	Upper
105	100	
71	8.2	4.4 6.6#
51	22.6	22.3 33.5
120	21.4	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

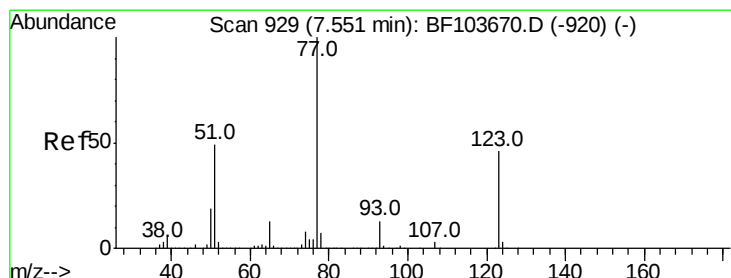
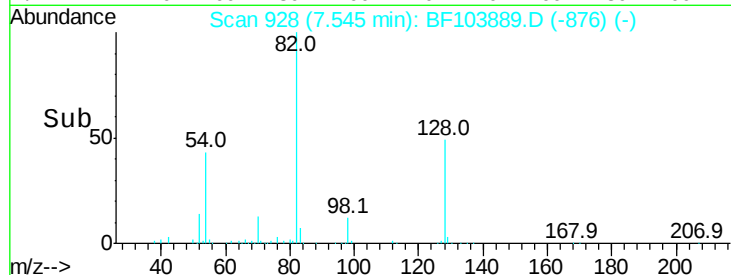
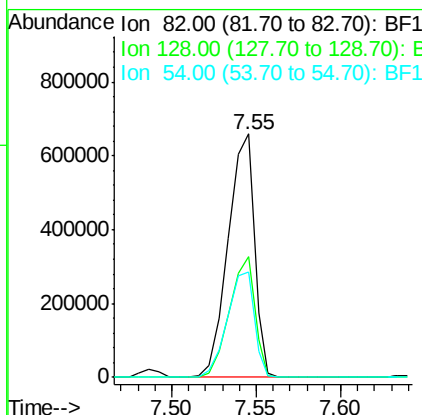
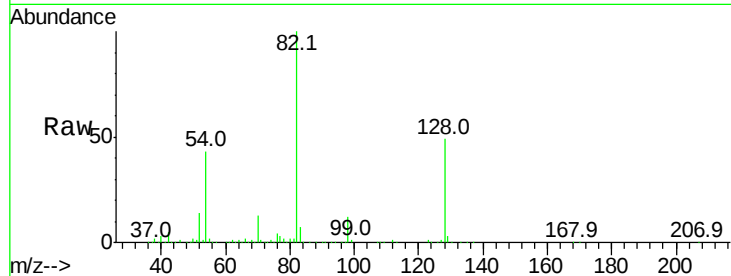




#23
 Nitrobenzene-d5
 Concen: 93.263 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

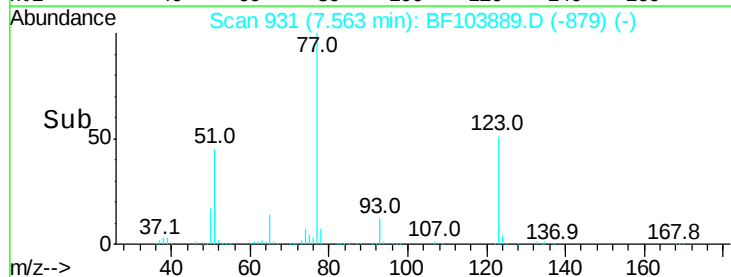
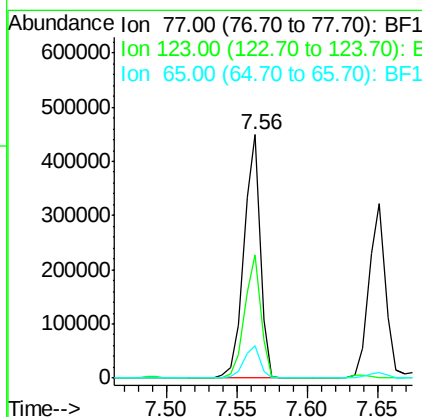
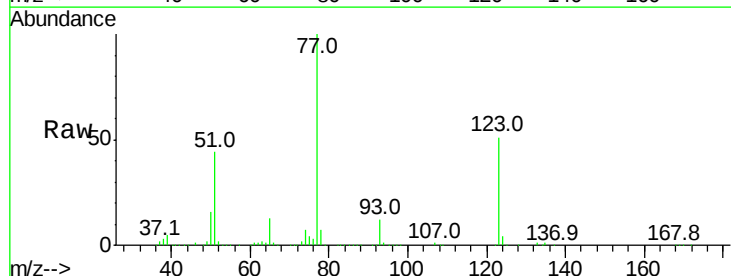
Instrument :
 BNA_F
 ClientSampled :

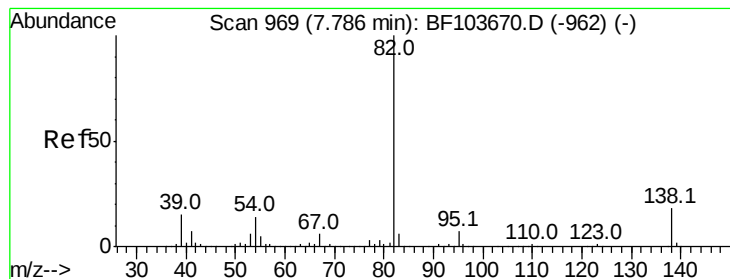
Tot Ion: 82 Resp: 714226
 Ion Ratio Lower Upper
 82 100
 128 49.4 36.1 54.1
 54 43.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion: 77 Resp: 360246
 Ion Ratio Lower Upper
 77 100
 123 50.8 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 37.081 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

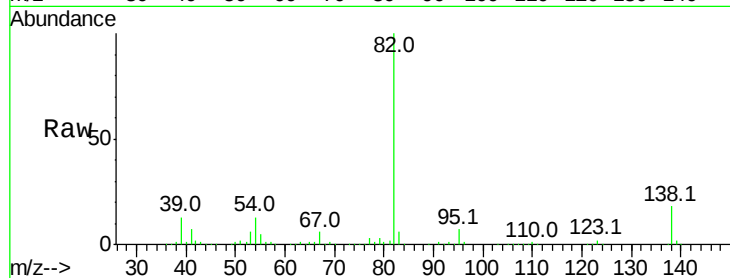
Tot Ion: 82 Resp: 657381

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

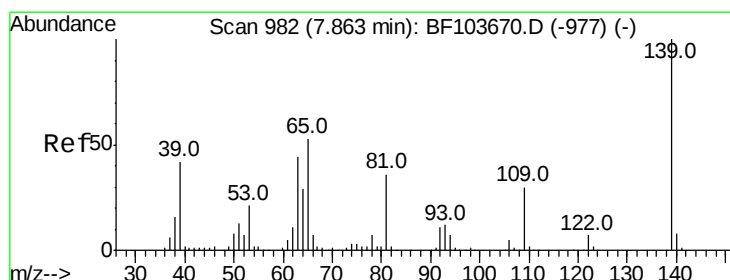
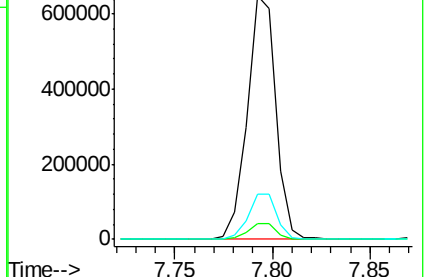
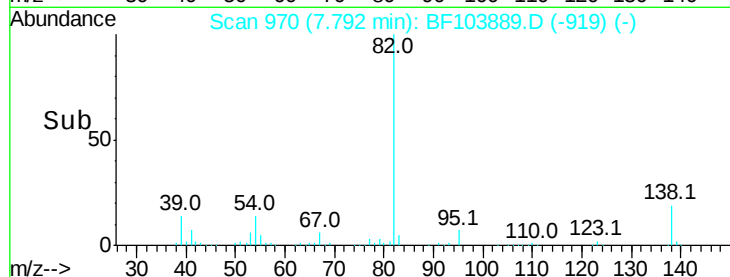
138 18.3 14.9 22.3



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: 40.837 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

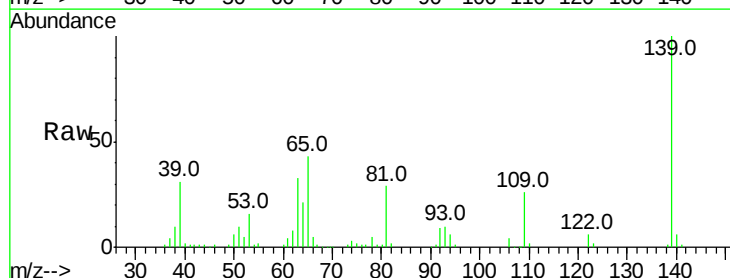
Tgt Ion: 139 Resp: 133687

Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

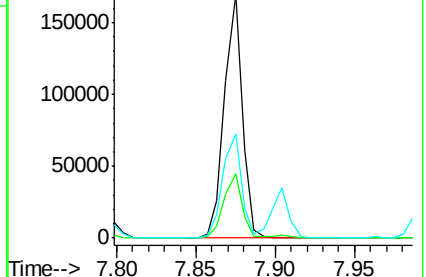
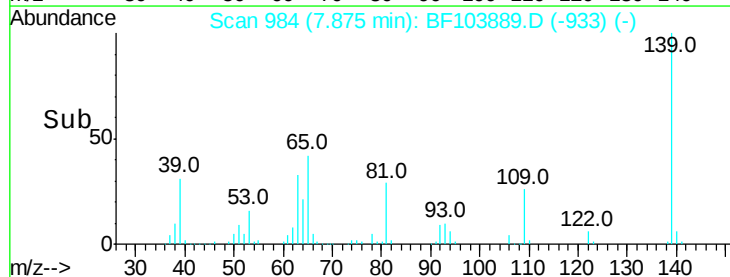
65 42.5 40.5 60.7

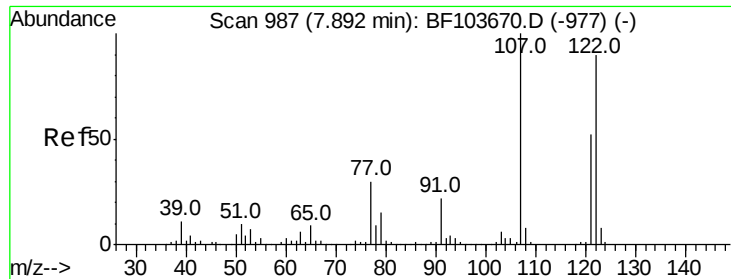


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

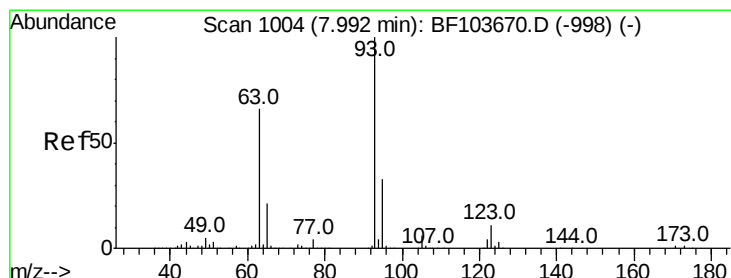
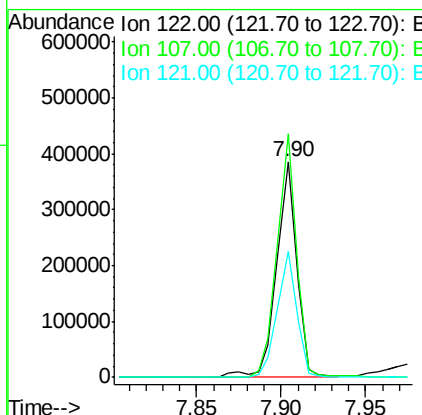
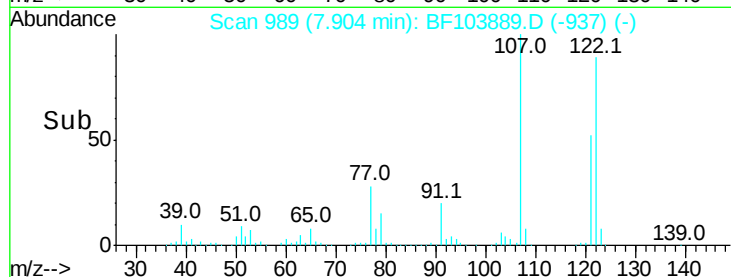
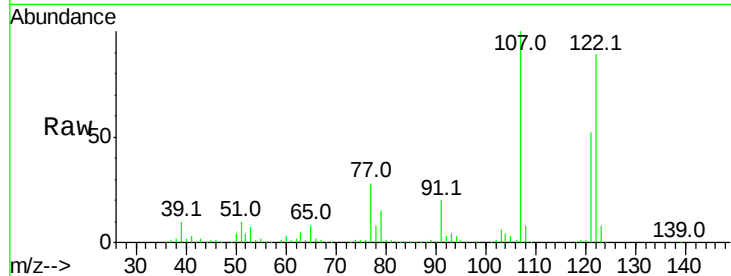




#27
2,4-Dimethylphenol
Concen: 41.649 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

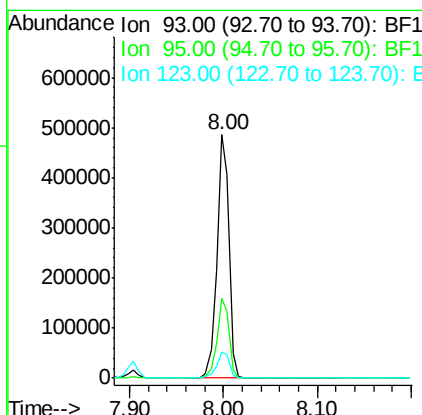
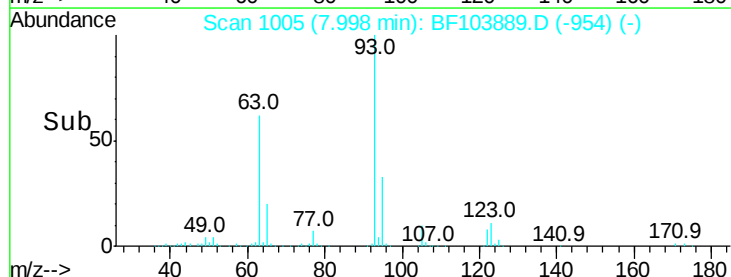
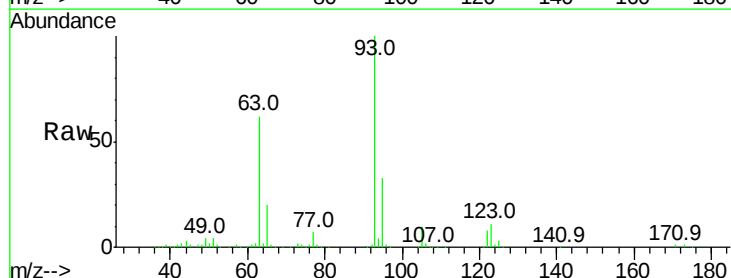
Instrument :
BNA_F
ClientSampled :

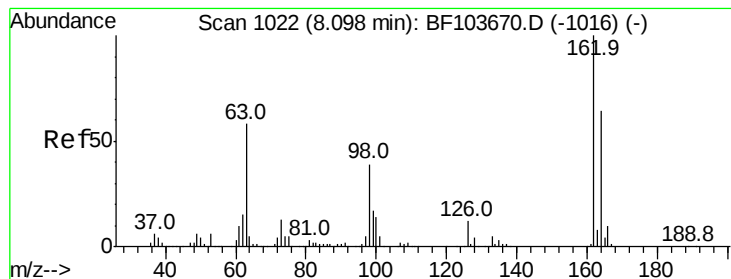
Tot Ion:122 Resp: 316314
Ion Ratio Lower Upper
122 100
107 112.9 91.2 136.8
121 58.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.799 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion: 93 Resp: 437984
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.9 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 40.586 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampled :

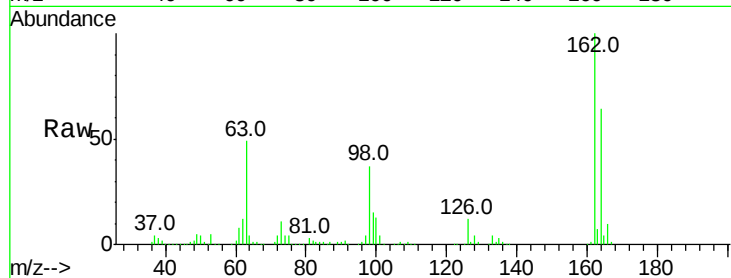
Tot Ion:162 Resp: 280436

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

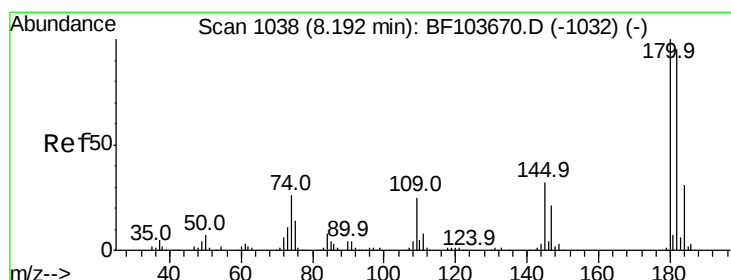
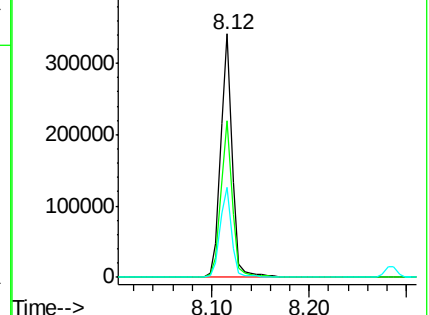
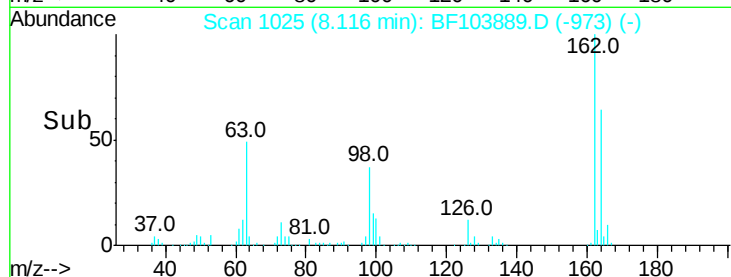
98 36.8 18.1 58.1



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: 36.371 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

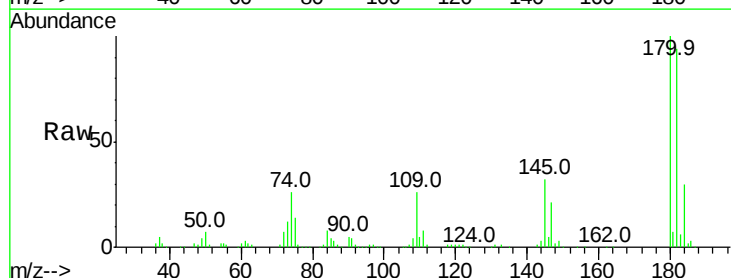
Tgt Ion:180 Resp: 291476

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

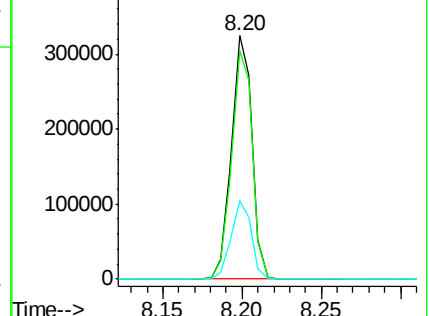
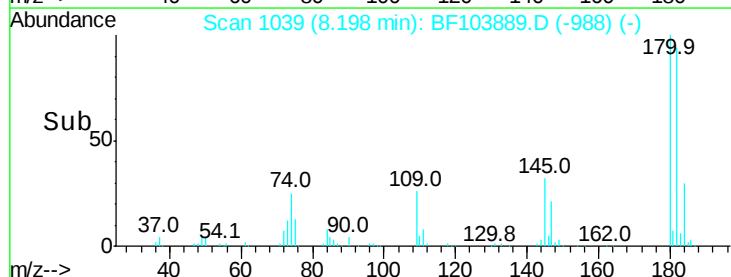
145 32.2 26.5 39.7

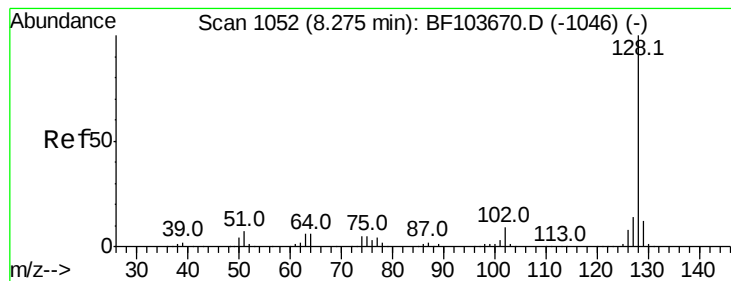


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.976 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampled :

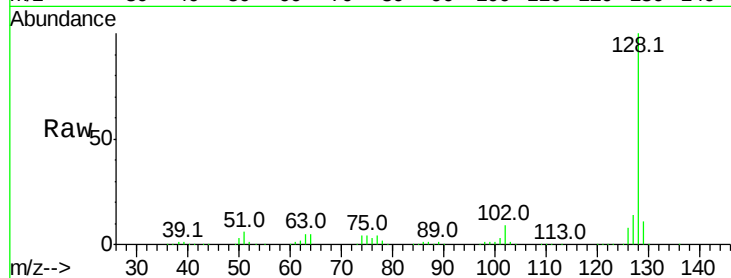
Tot Ion:128 Resp: 970548

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

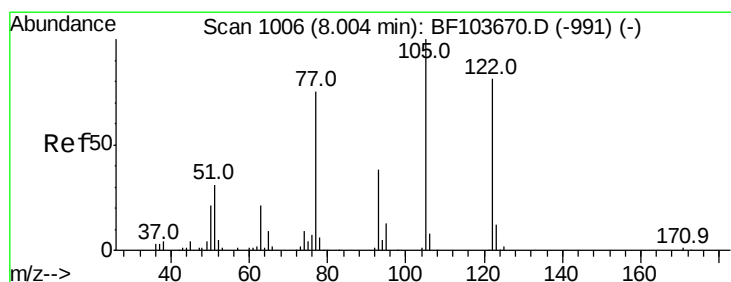
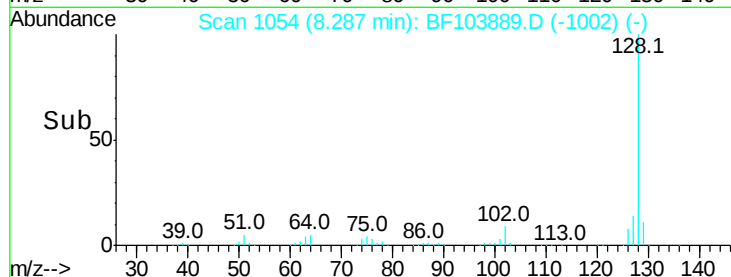
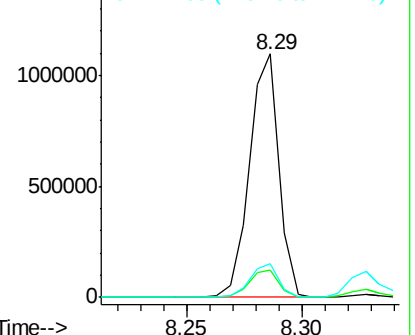
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.833 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.02 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

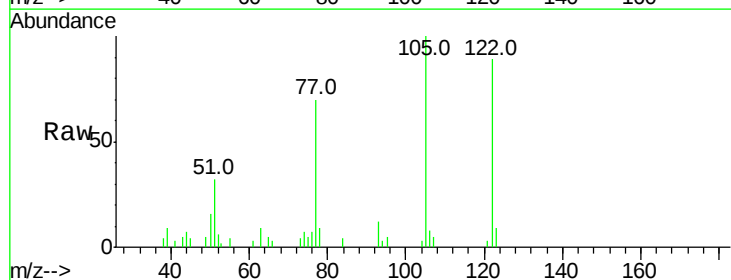
Tgt Ion:122 Resp: 26523

Ion Ratio Lower Upper

122 100

105 112.4 101.1 141.1

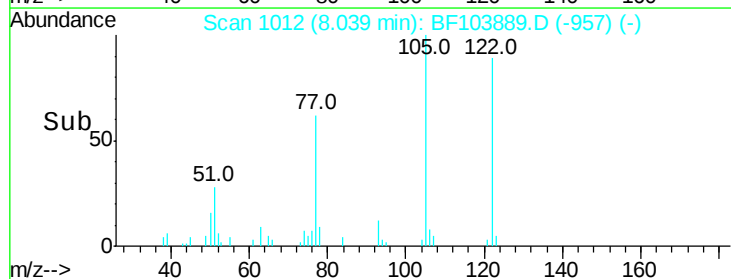
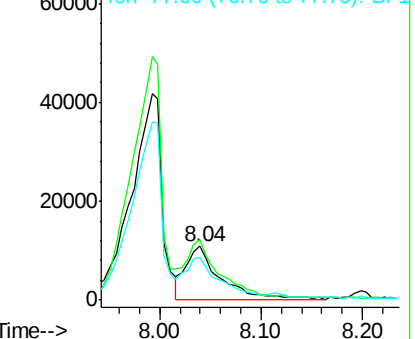
77 78.9 70.7 110.7

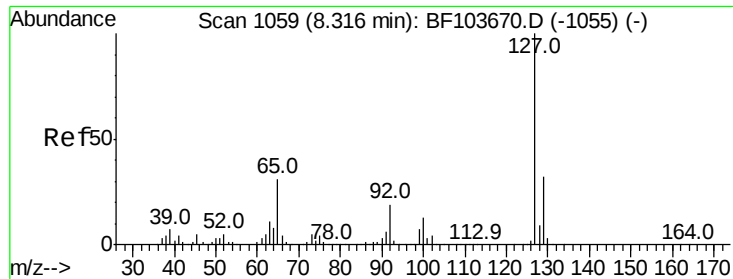


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

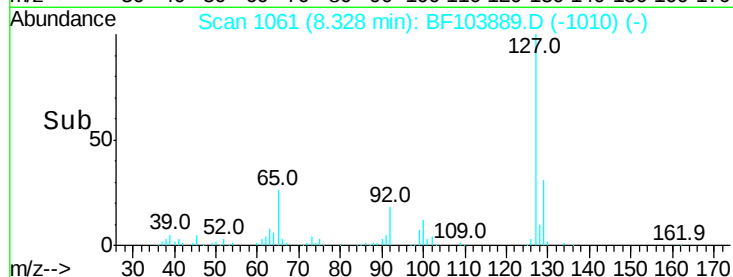
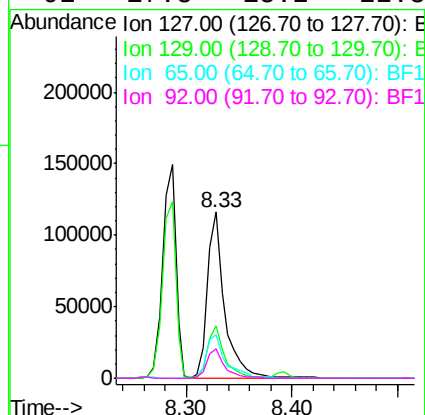
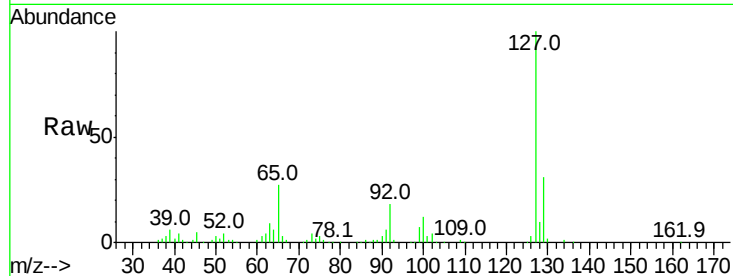




#33
4-Chloroaniline
Concen: 11.642 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

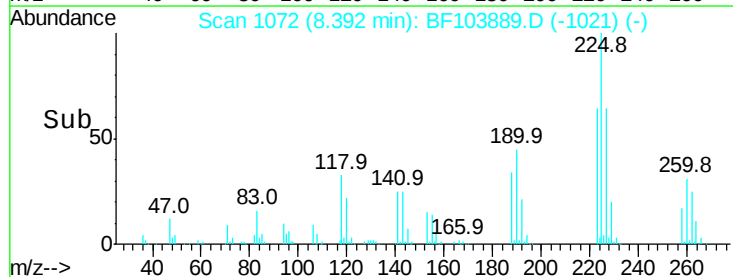
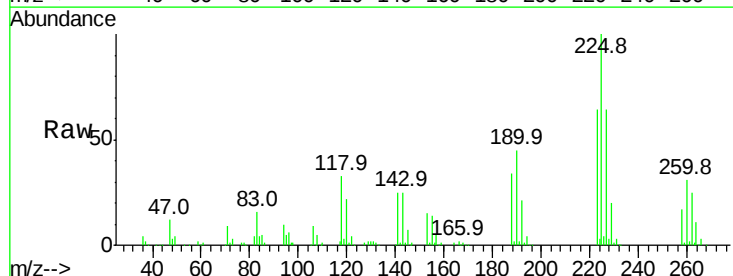
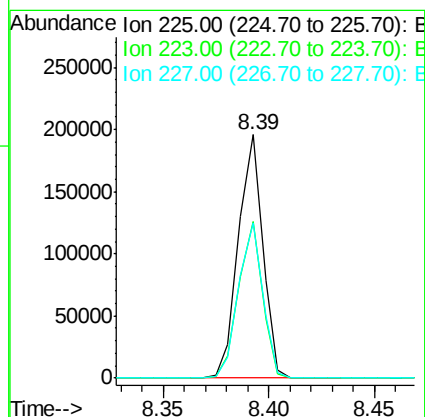
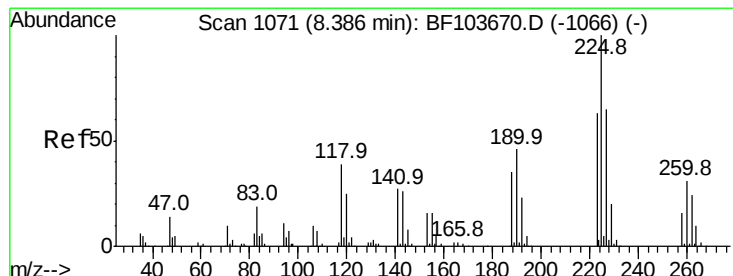
Instrument :
BNA_F
ClientSampleId :

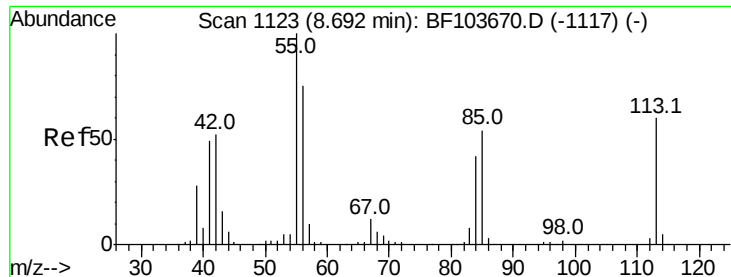
Tot Ion:	127	Resp:	131760
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	26.6	25.0	37.4
92	17.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.630 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:	225	Resp:	156557
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	63.6	51.9	77.9

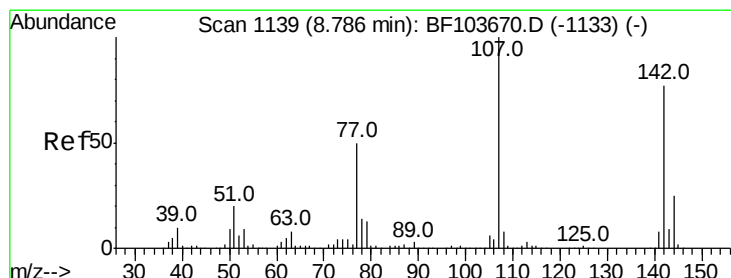
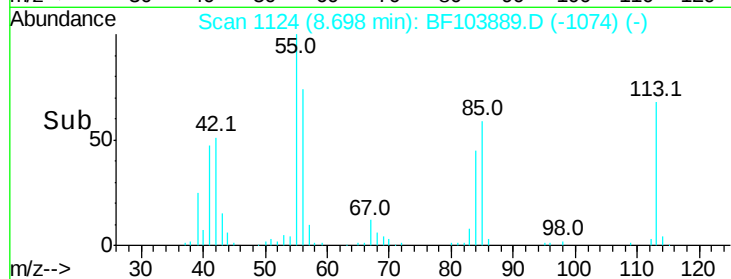
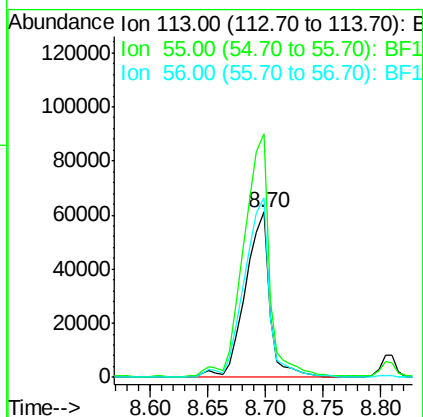
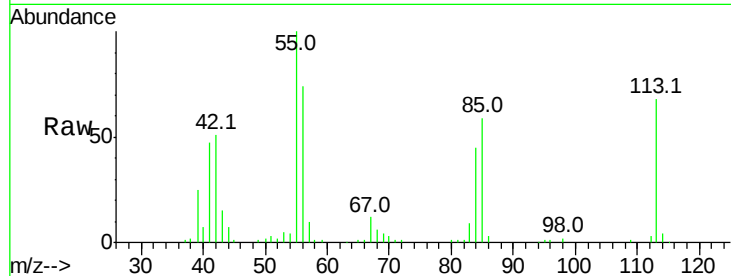




#35
 Caprolactam
 Concen: 37.941 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

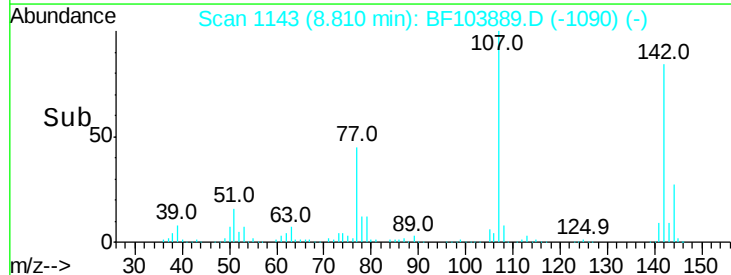
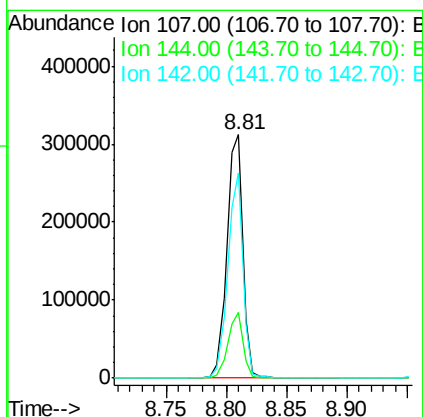
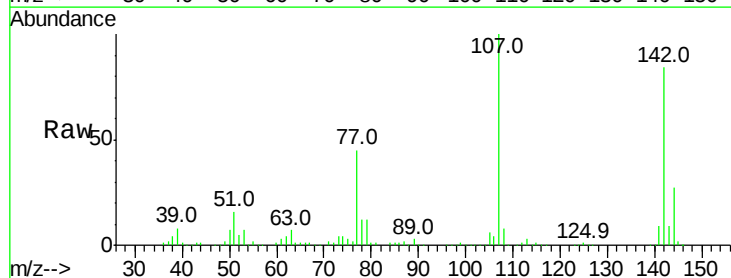
Instrument :
 BNA_F
 ClientSampleId :

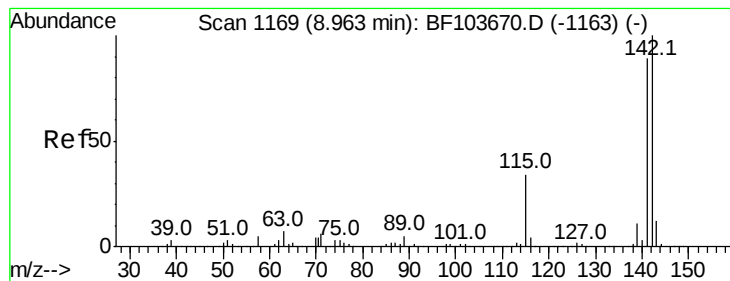
Tot Ion:113 Resp: 90271
 Ion Ratio Lower Upper
 113 100
 55 147.5 163.3 203.3#
 56 109.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 37.650 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:107 Resp: 286794
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 84.2 62.0 93.0

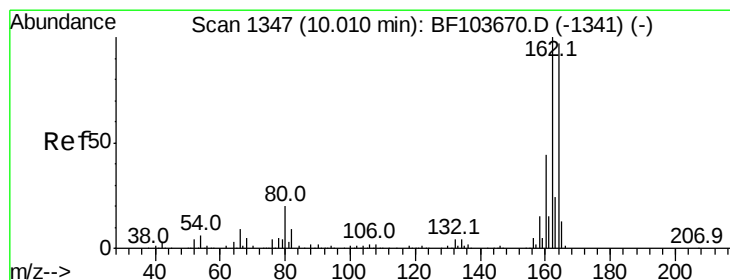
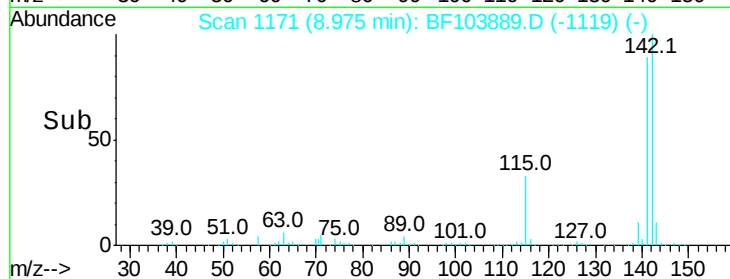
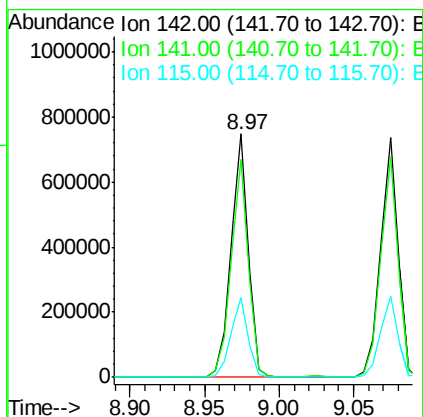
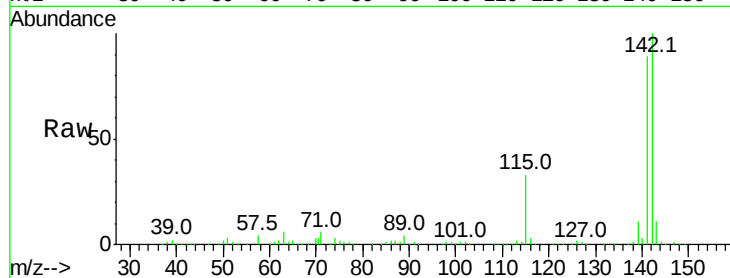




#37
2-Methylnaphthalene
Concen: 36.106 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

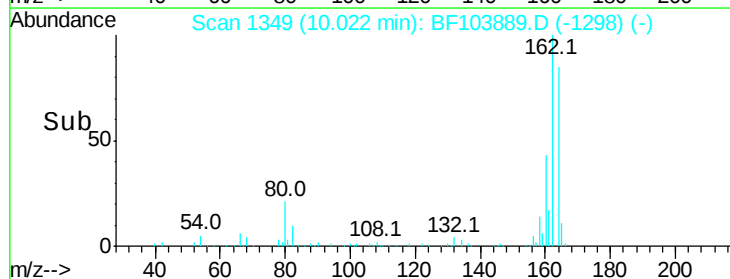
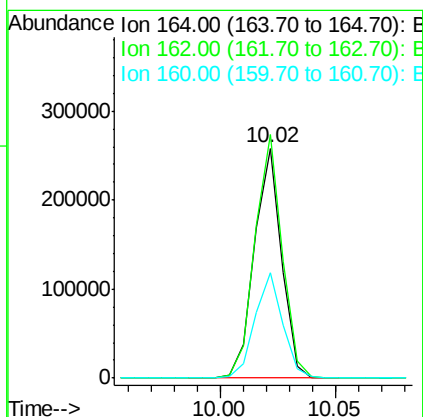
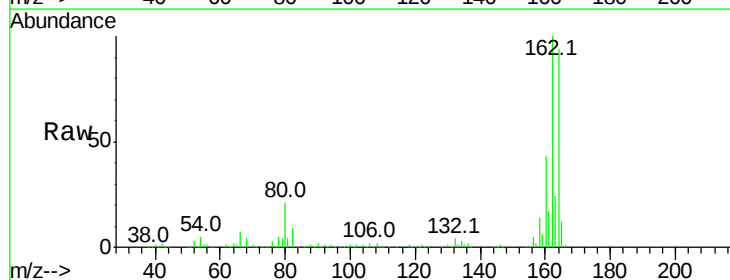
Instrument :
BNA_F
ClientSampleId :

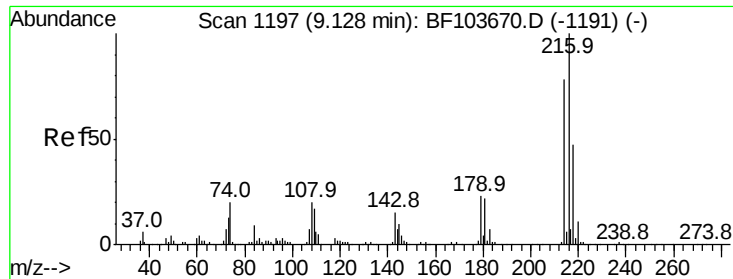
Tot Ion:142 Resp: 617689
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 33.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:164 Resp: 212407
Ion Ratio Lower Upper
164 100
162 105.9 86.1 129.1
160 45.7 38.3 57.5

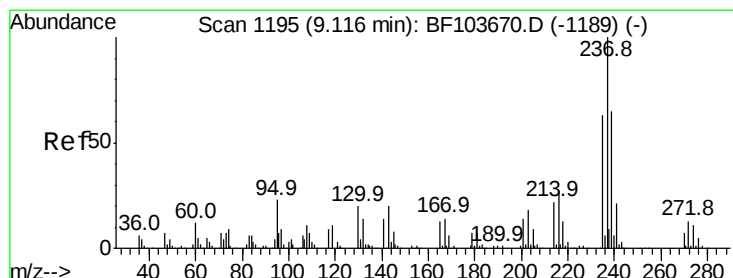
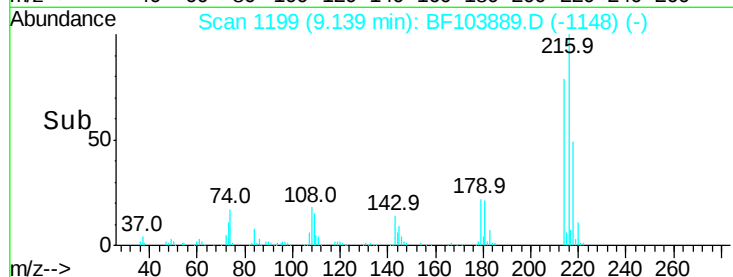
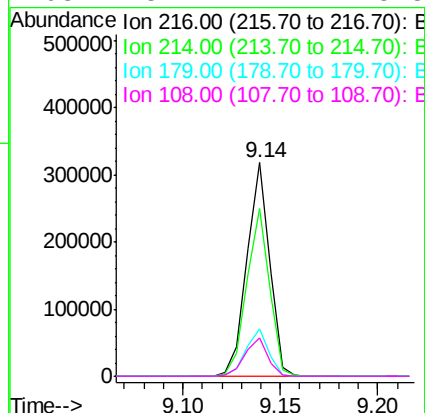
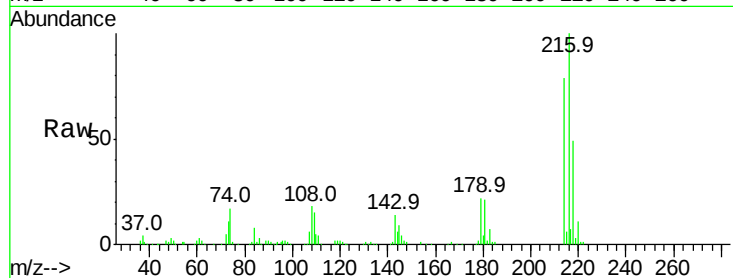




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.470 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

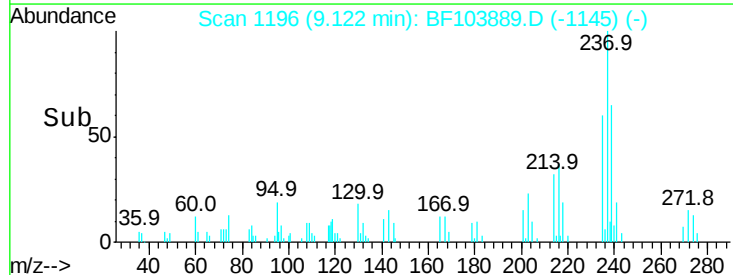
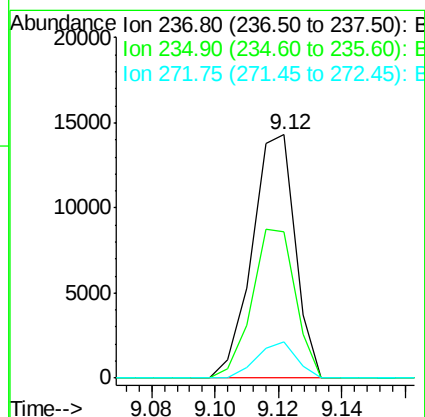
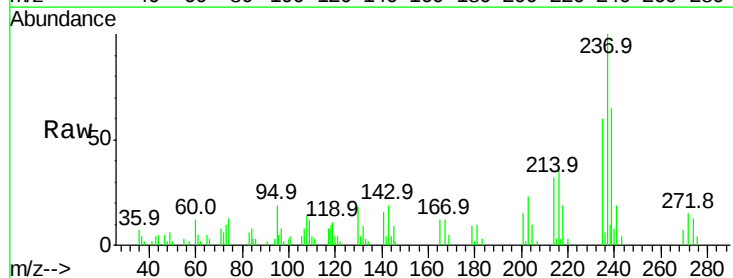
Instrument :
 BNA_F
 ClientSampled :

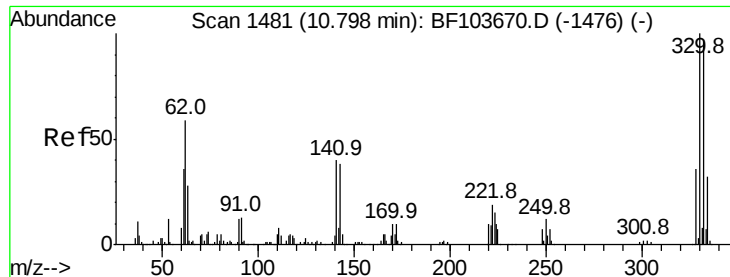
Tot Ion:	216	Resp:	257356
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.9	18.1	27.1
108	18.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 4.308 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:	237	Resp:	13471
Ion	Ratio	Lower	Upper
237	100		
235	59.9	44.8	84.8
272	14.7	0.0	33.3

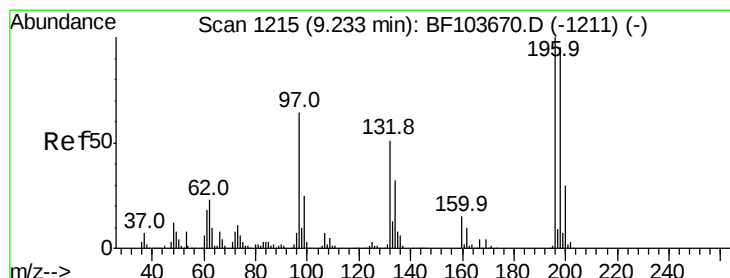
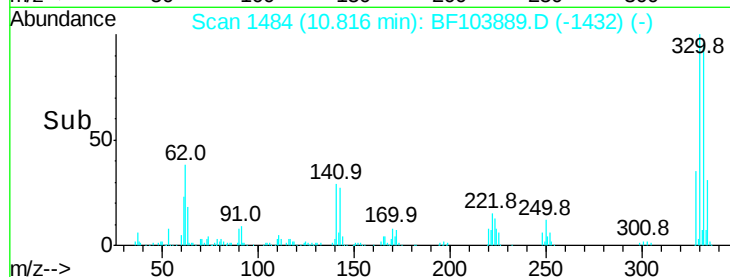
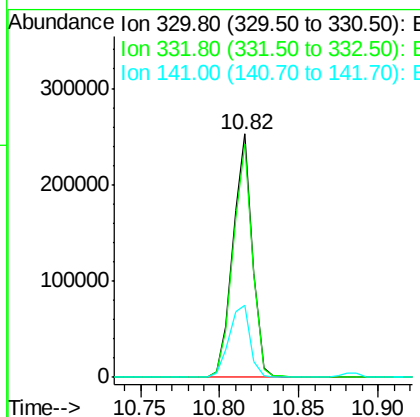
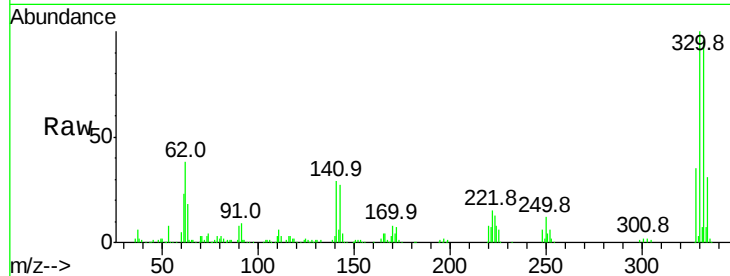




#41
 2,4,6-Tribromophenol
 Concen: 117.291 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

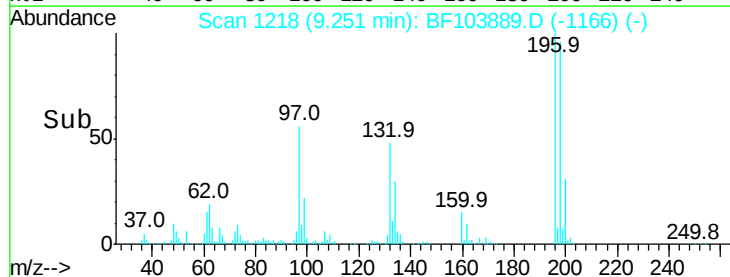
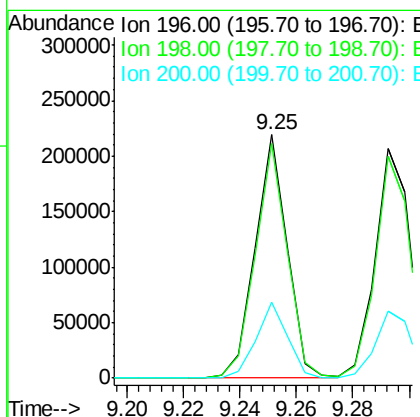
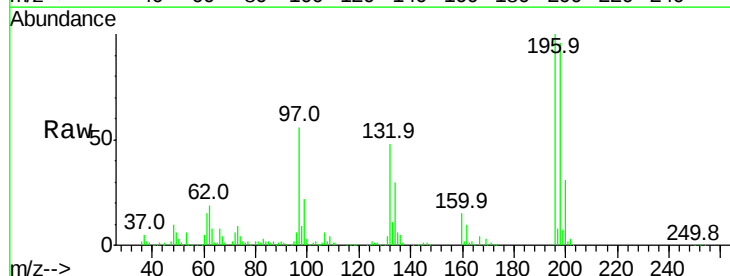
Instrument :
 BNA_F
 ClientSampleId :

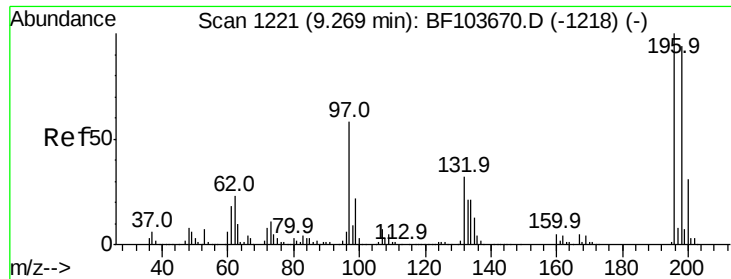
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.640 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.7	113.5
200	31.4	24.5	36.7

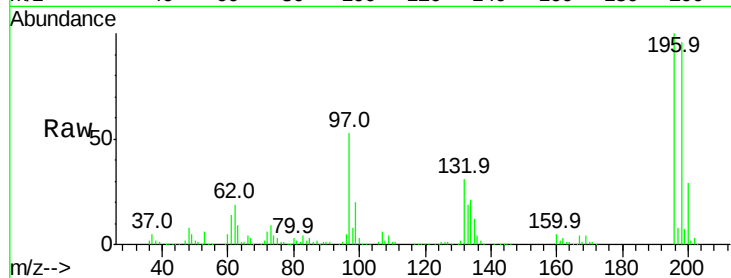




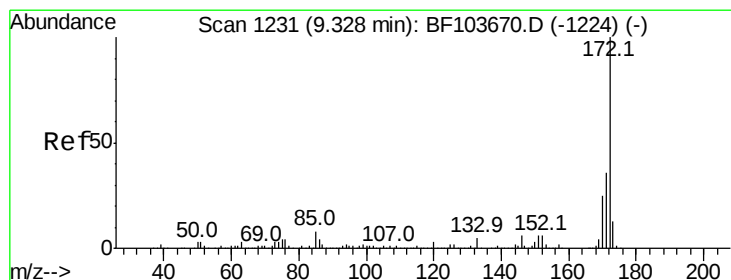
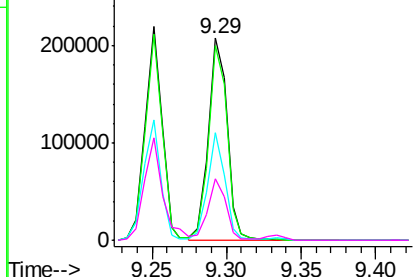
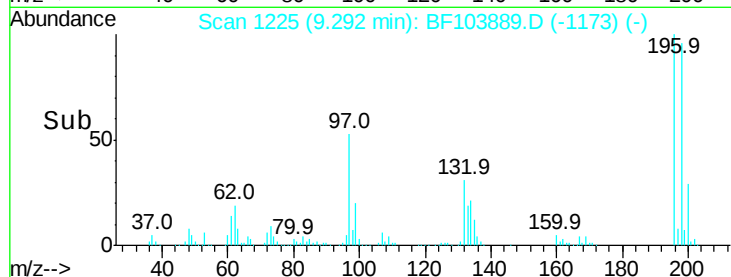
#43
2,4,5-Trichlorophenol
Concen: 41.620 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 182077
Ion Ratio Lower Upper
196 100
198 96.2 74.6 112.0
97 53.0 42.9 64.3
132 30.5 26.3 39.5

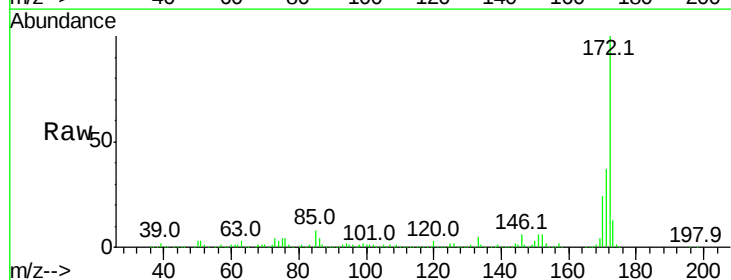


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

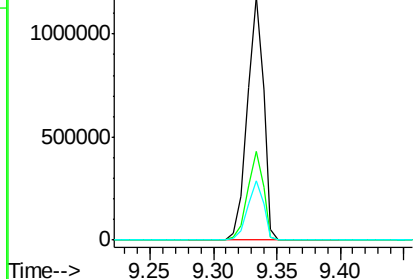
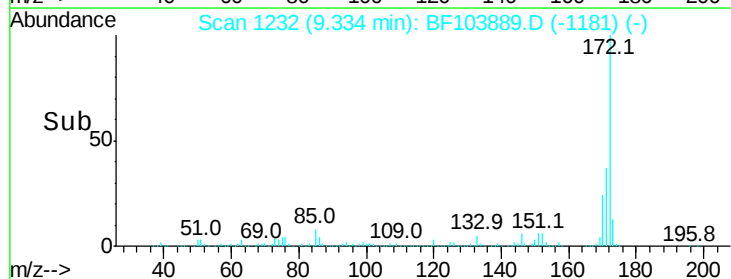


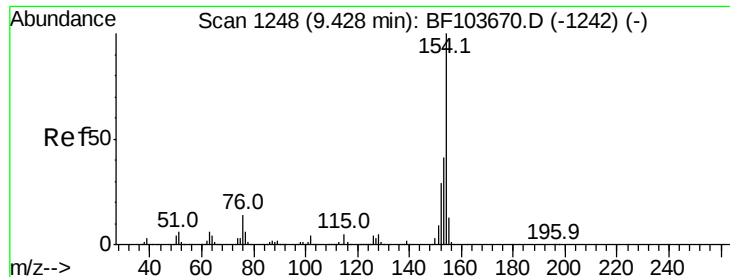
#44
2-Fluorobiphenyl
Concen: 78.261 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:172 Resp: 1042102
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.2 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 39.772 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

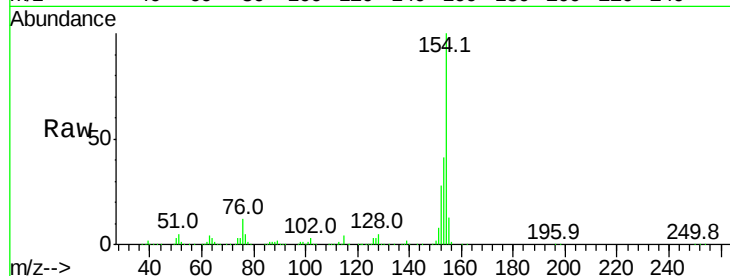
Tot Ion:154 Resp: 704432

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

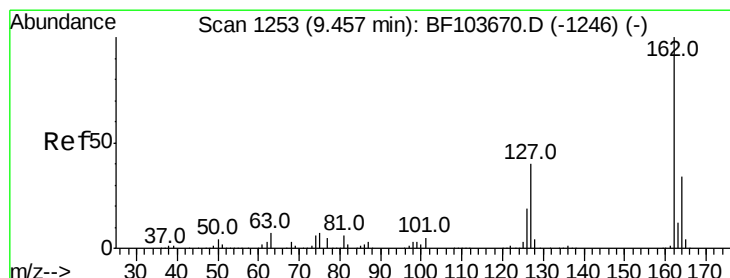
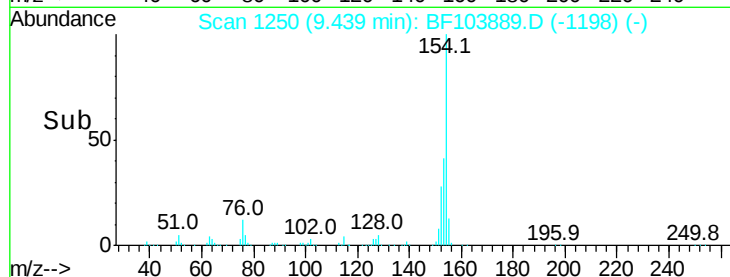
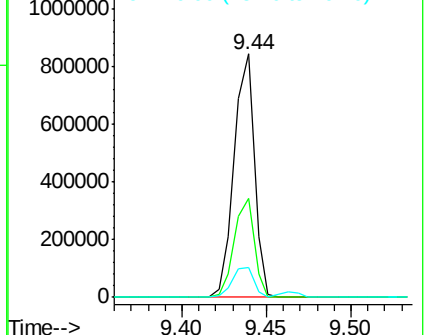
76 12.1 0.0 34.0



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: 38.686 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

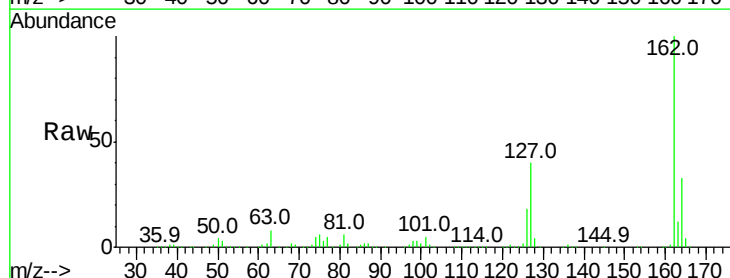
Tgt Ion:162 Resp: 544221

Ion Ratio Lower Upper

162 100

127 39.7 33.9 50.9

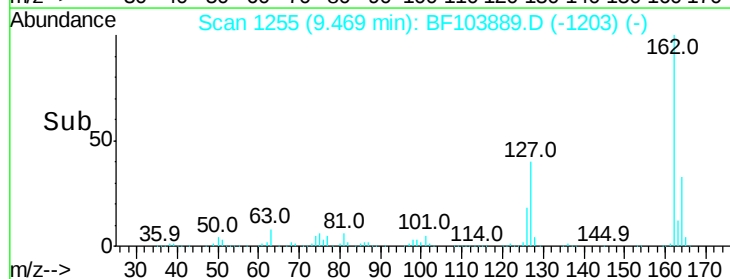
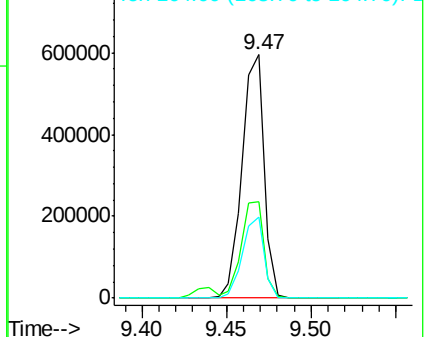
164 33.2 26.5 39.7

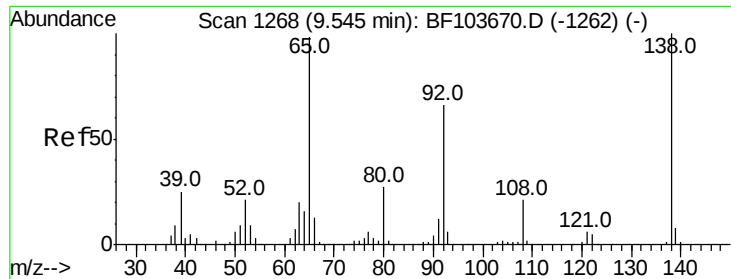


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

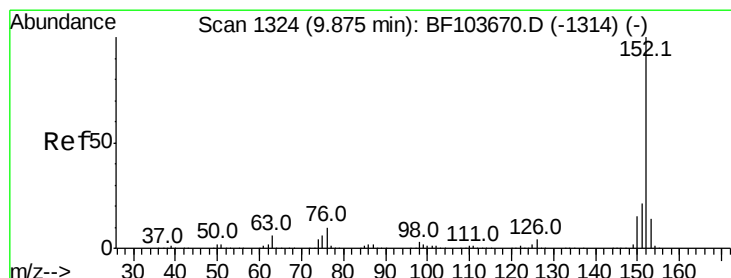
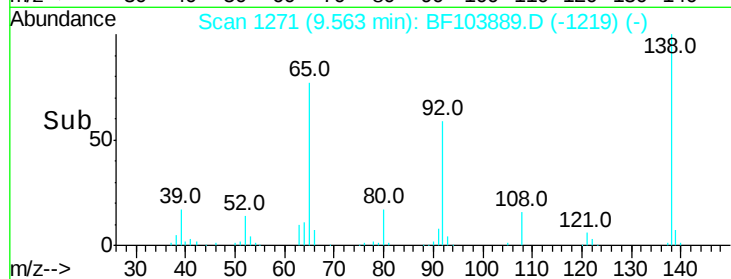
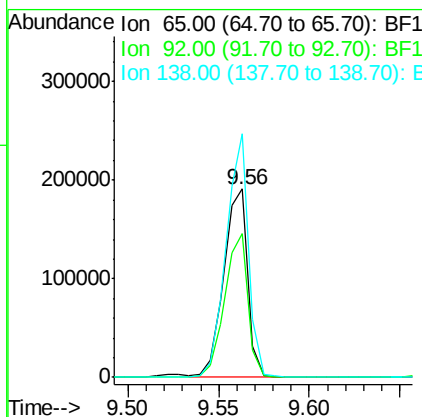
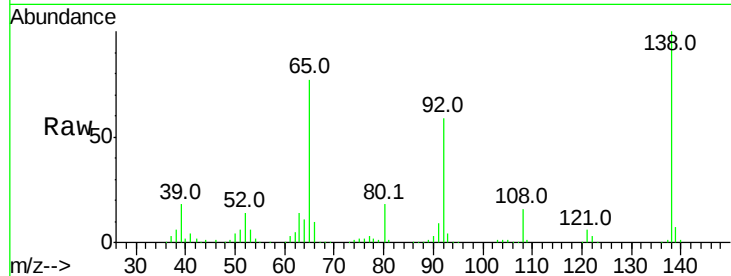




#47
2-Nitroaniline
Concen: 47.911 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

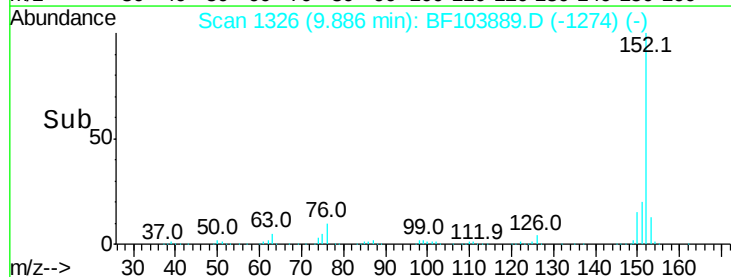
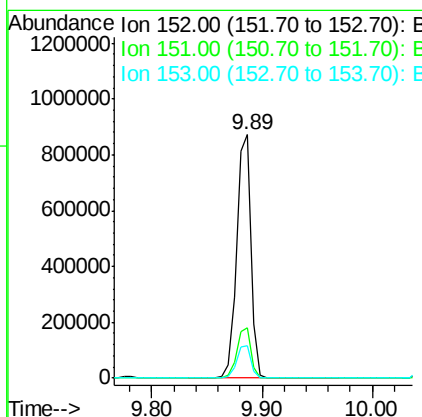
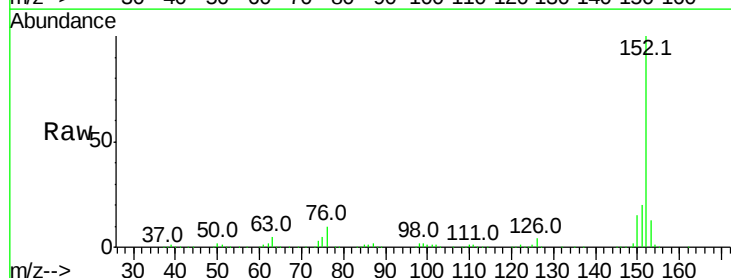
Instrument :
BNA_F
ClientSampleId :

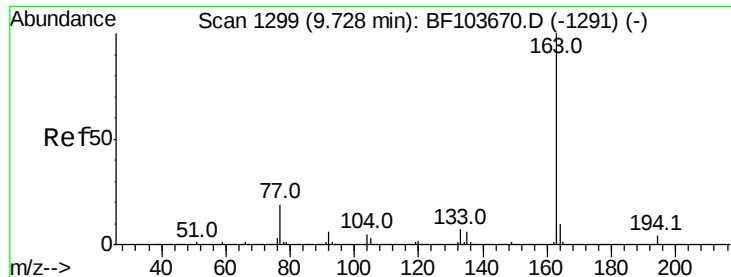
Tot Ion: 65 Resp: 176263
Ion Ratio Lower Upper
65 100
92 76.7 55.8 83.6
138 129.3 91.2 136.8



#48
Acenaphthylene
Concen: 36.368 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:152 Resp: 793341
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1

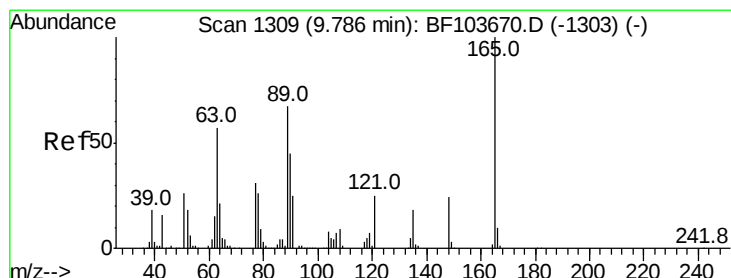
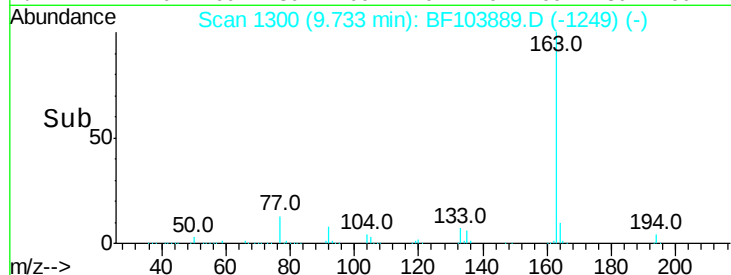
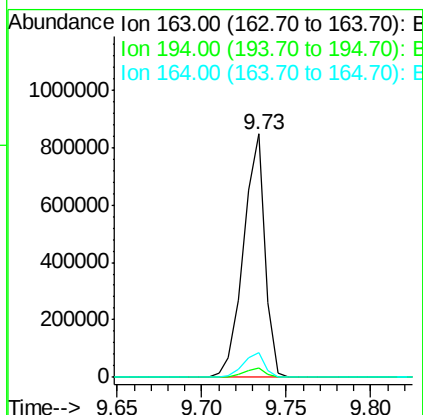
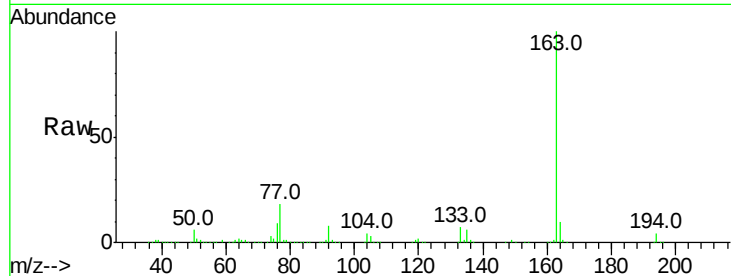




#49
Dimethylphthalate
Concen: 46.407 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

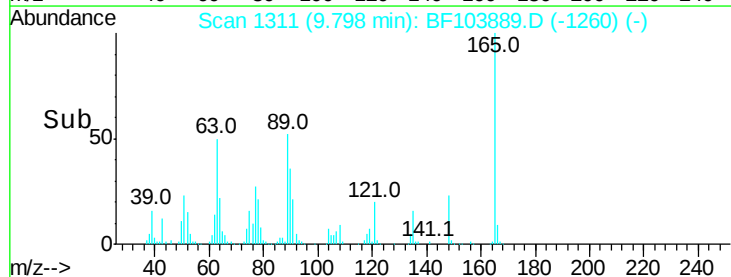
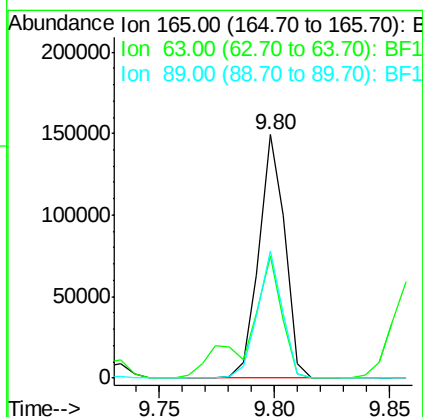
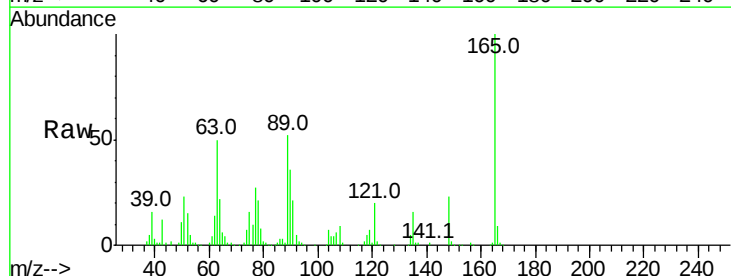
Instrument :
BNA_F
ClientSampleId :

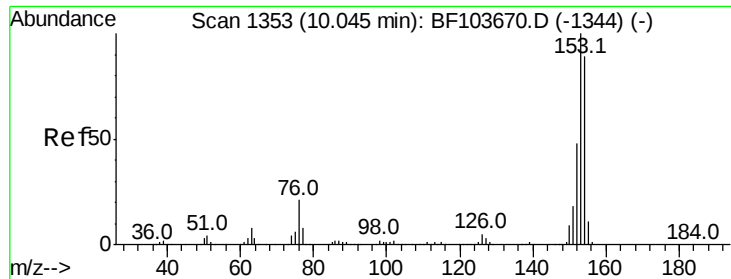
Tot Ion:163 Resp: 752044
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 38.376 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:165 Resp: 117575
Ion Ratio Lower Upper
165 100
63 50.0 44.7 67.1
89 52.2 44.0 66.0





#51

Acenaphthene

Concen: 35.733 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

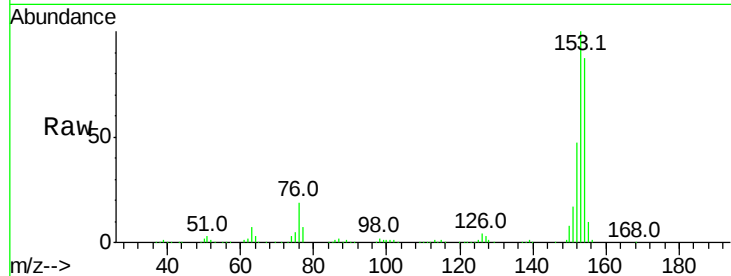
Tot Ion:154 Resp: 462849

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

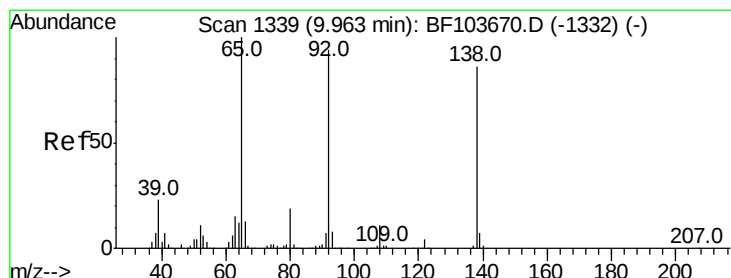
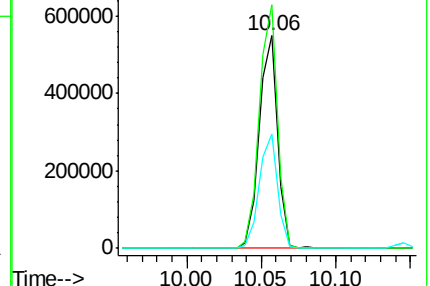
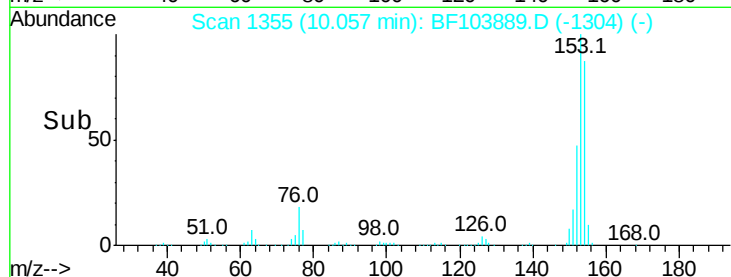
152 53.6 43.8 65.8



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: 42.456 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

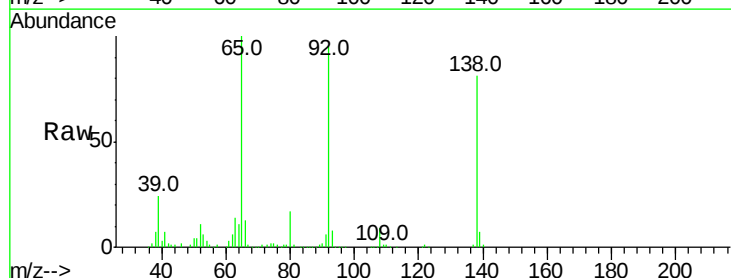
Tgt Ion:138 Resp: 157716

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

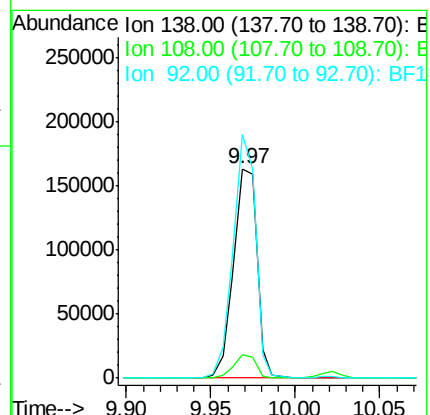
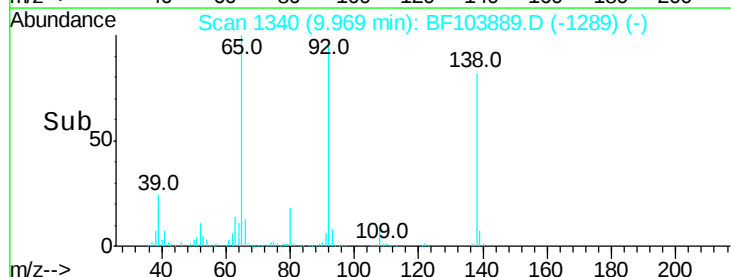
92 116.4 89.4 134.2

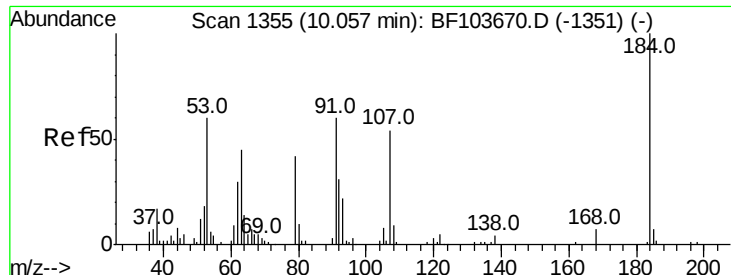


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

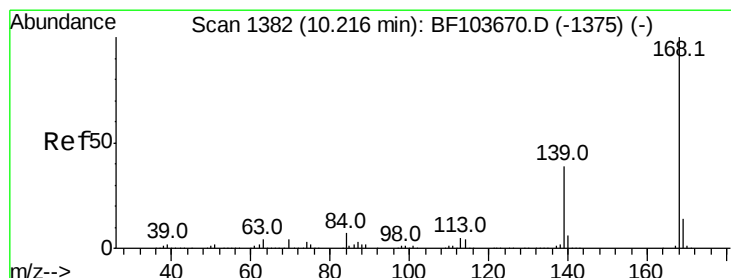
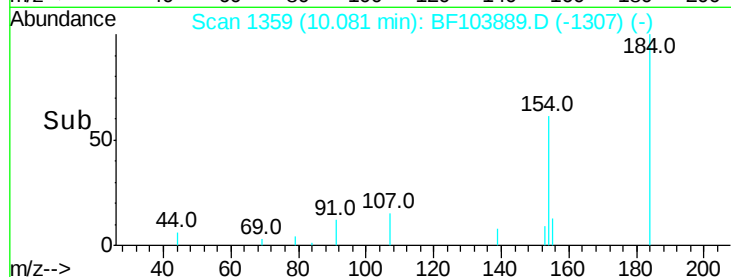
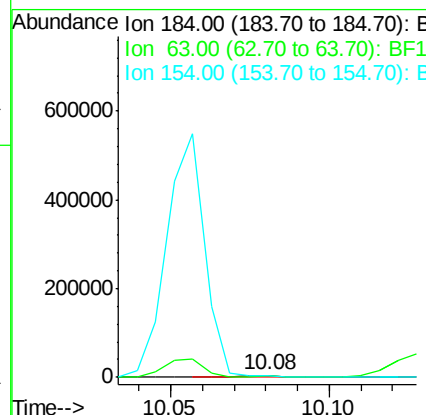
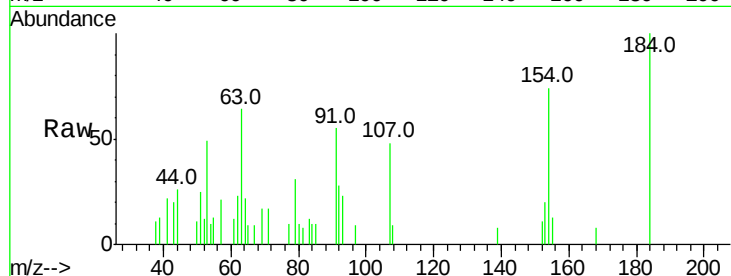




#53
 2,4-Dinitrophenol
 Concen: 13.791 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

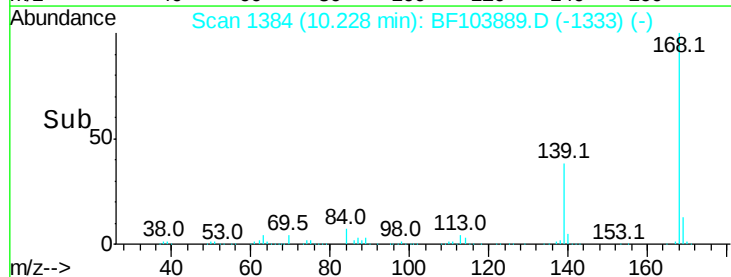
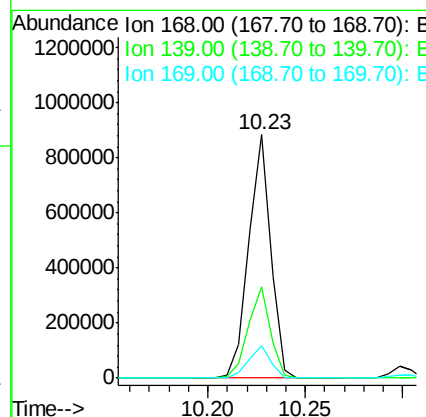
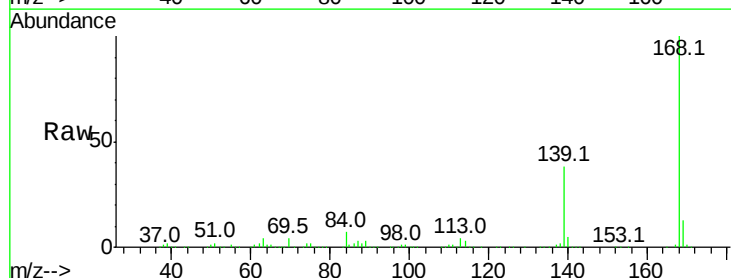
Instrument :
 BNA_F
 ClientSampled :

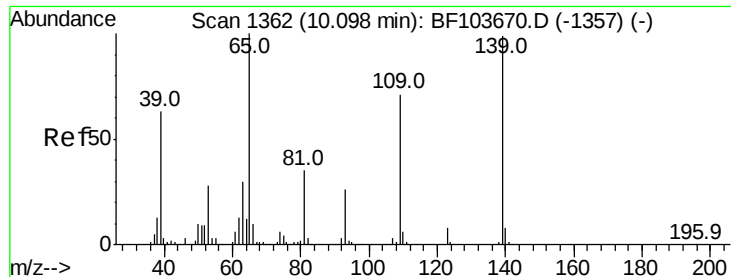
Tot Ion:184 Resp: 3405
 Ion Ratio Lower Upper
 184 100
 63 64.2 54.2 81.2
 154 73.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.480 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:168 Resp: 693357
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 13.5 10.9 16.3

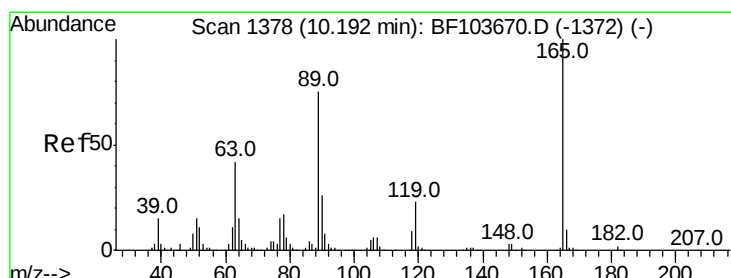
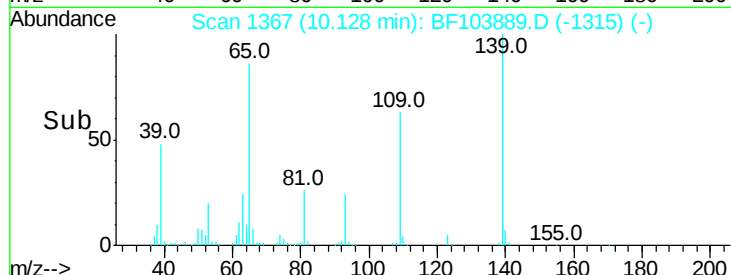
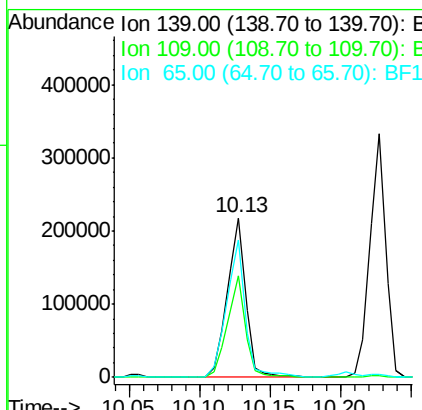
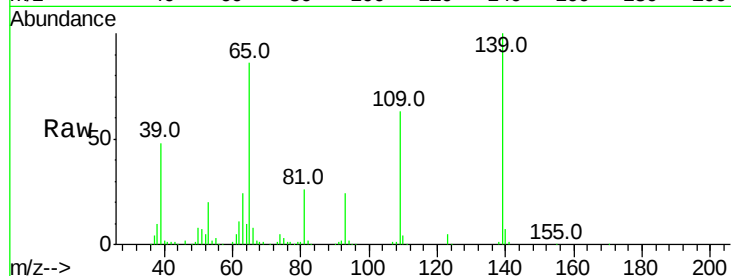




#55
4-Nitrophenol
Concen: 68.493 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

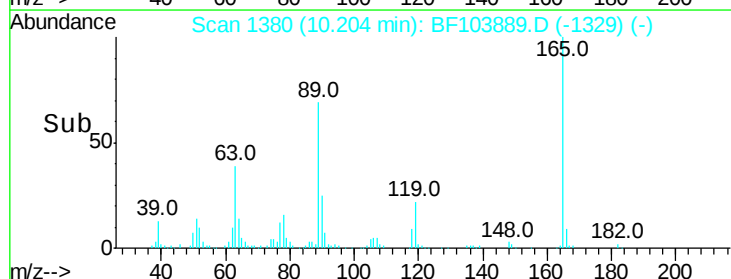
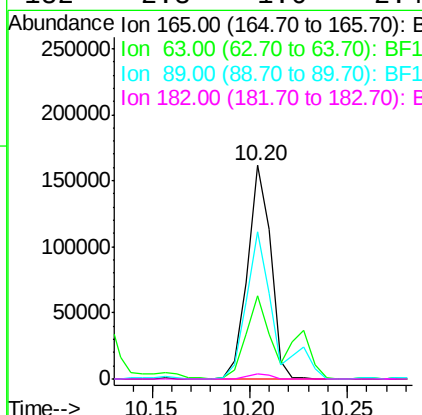
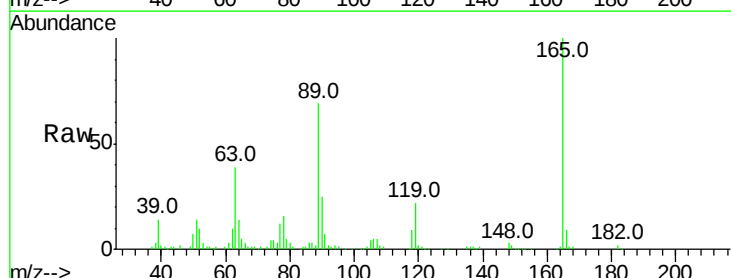
Instrument :
BNA_F
ClientSampled :

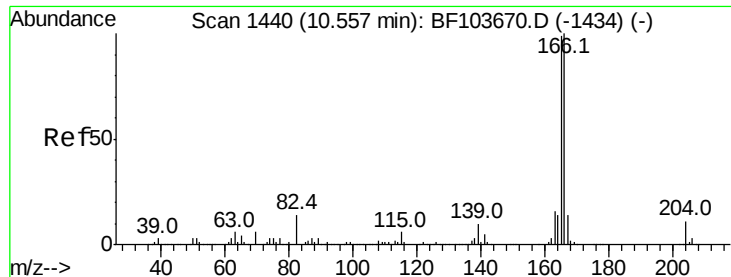
Tot Ion:139 Resp: 200953
Ion Ratio Lower Upper
139 100
109 63.5 48.4 88.4
65 86.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.515 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:165 Resp: 133676
Ion Ratio Lower Upper
165 100
63 39.0 36.4 54.6
89 68.7 57.8 86.6
182 2.3 1.6 2.4

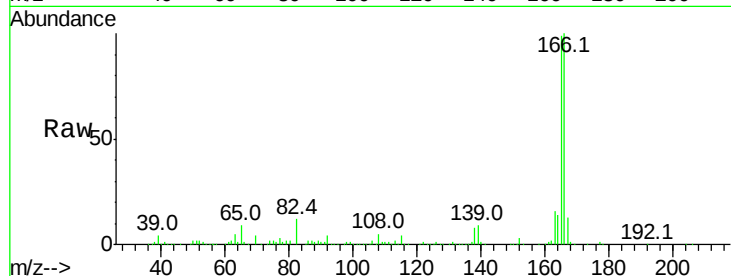




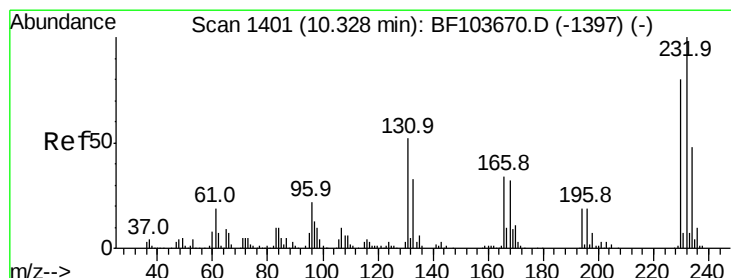
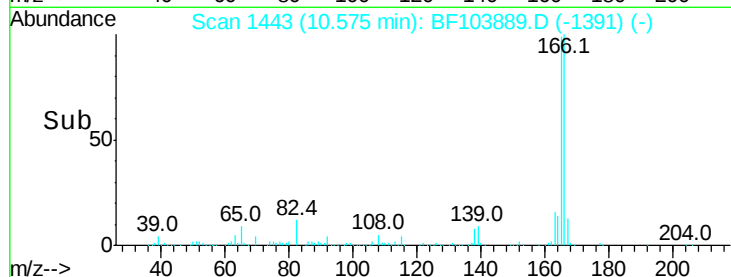
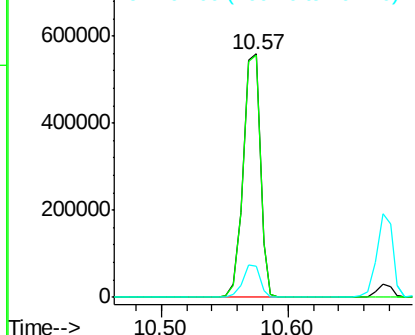
#57
 Fluorene
 Concen: 36.114 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 518413
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.0 10.6 16.0



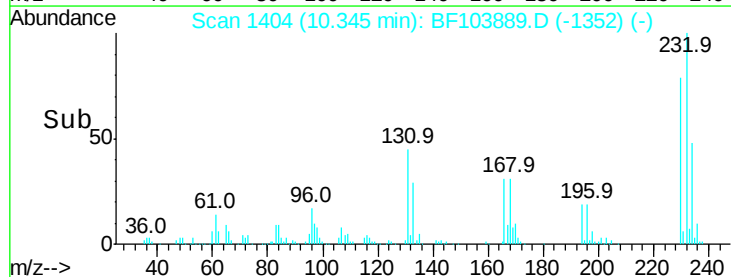
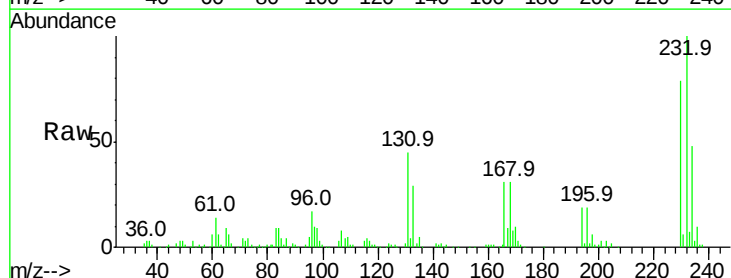
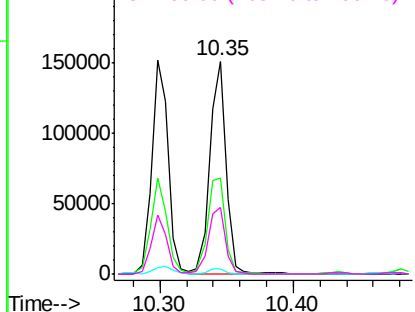
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

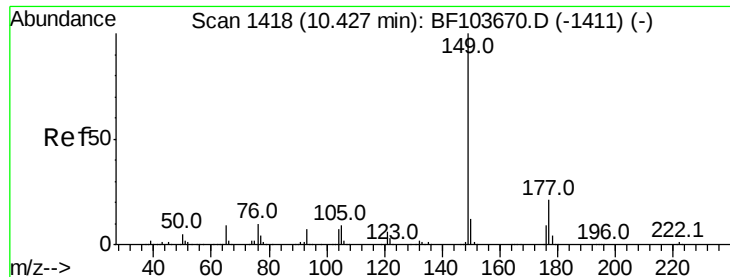


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.770 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:232 Resp: 129482
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 2.4 2.1 3.1
 166 33.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

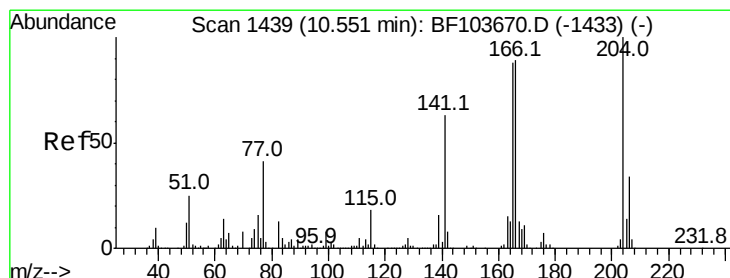
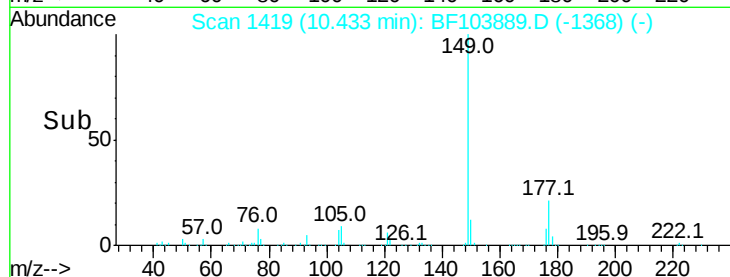
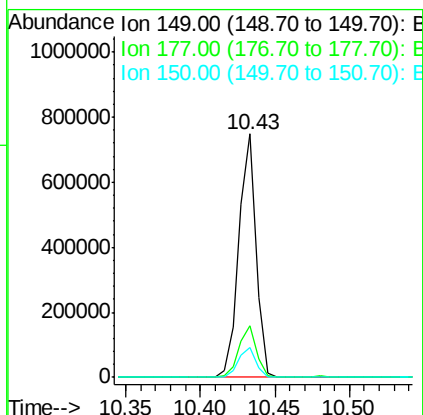
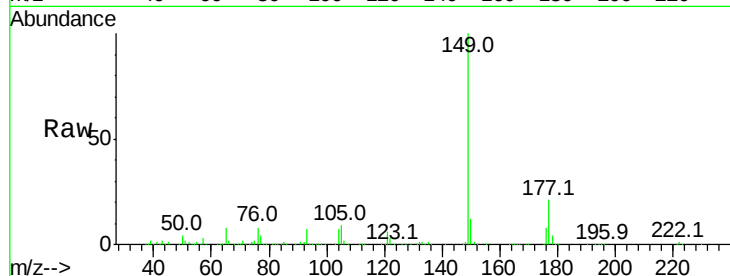




#59
Diethylphthalate
Concen: 37.894 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

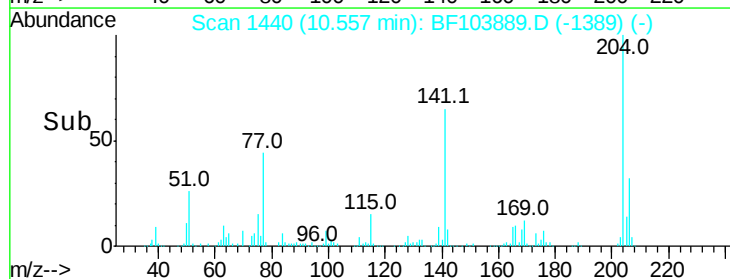
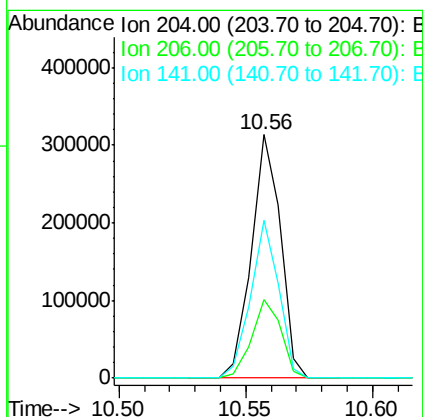
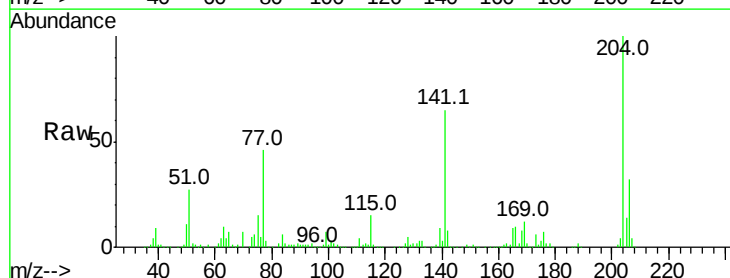
Instrument :
BNA_F
ClientSampled :

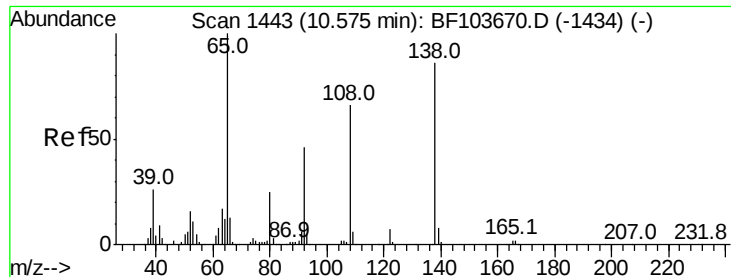
Tot Ion:149 Resp: 609508
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.290 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:204 Resp: 251203
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 65.1 54.6 81.8

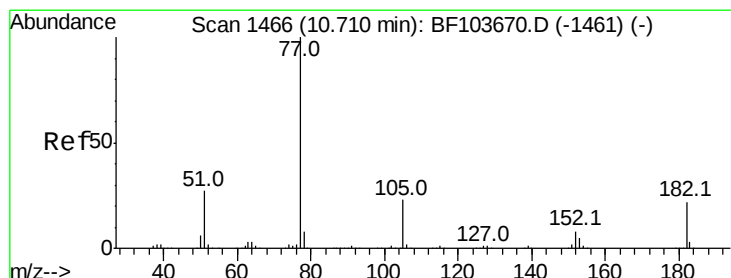
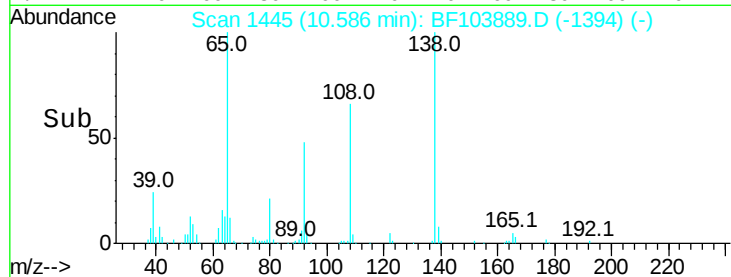
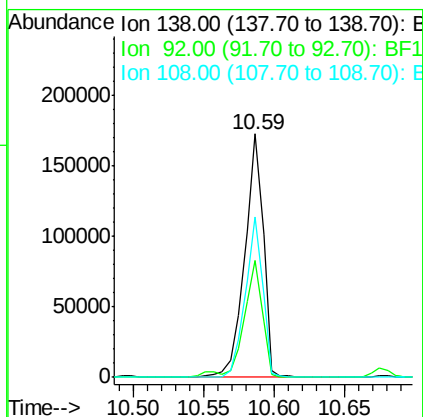
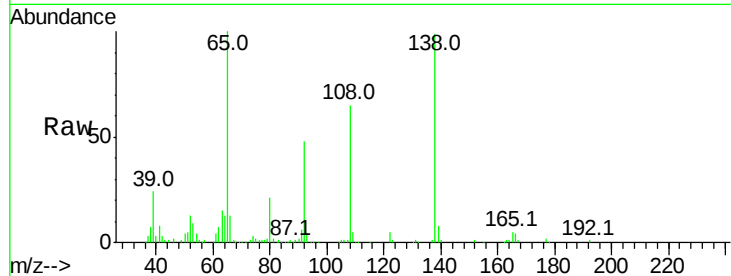




#61
4-Nitroaniline
Concen: 44.136 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

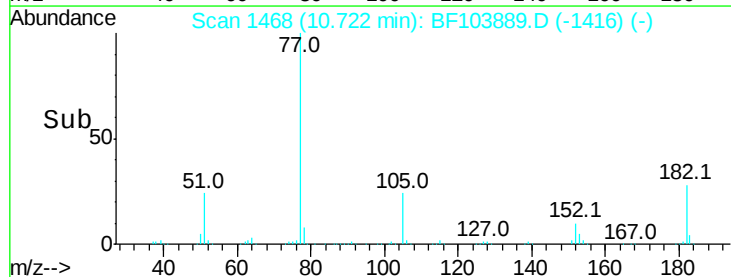
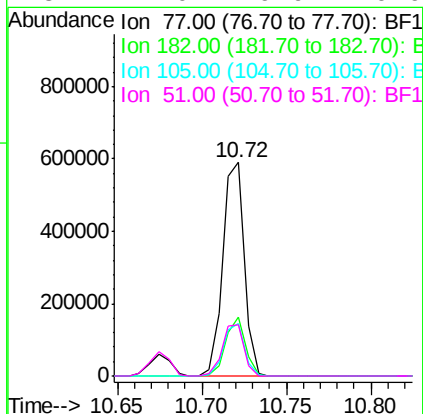
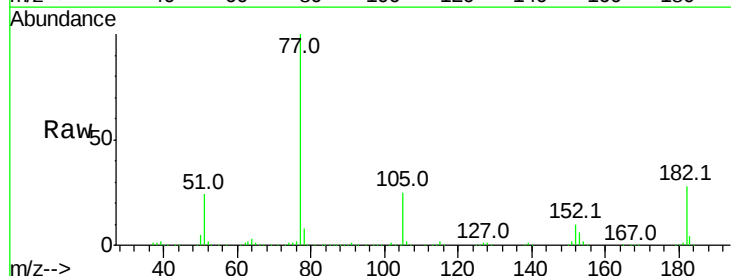
Instrument :
BNA_F
ClientSampleId :

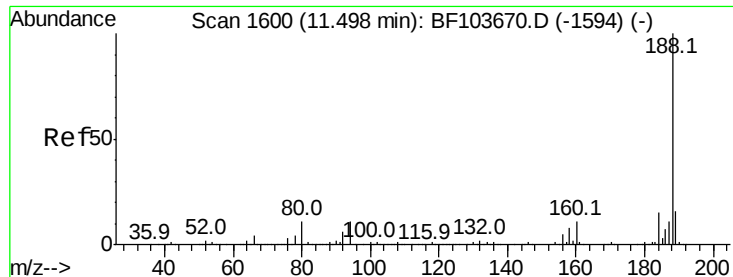
Tot Ion:138 Resp: 158411
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 32.068 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion: 77 Resp: 524395
Ion Ratio Lower Upper
77 100
182 27.9 1.7 41.7
105 24.5 3.0 43.0
51 24.0 9.9 49.9

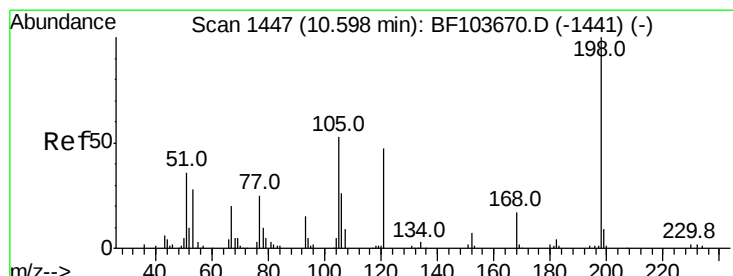
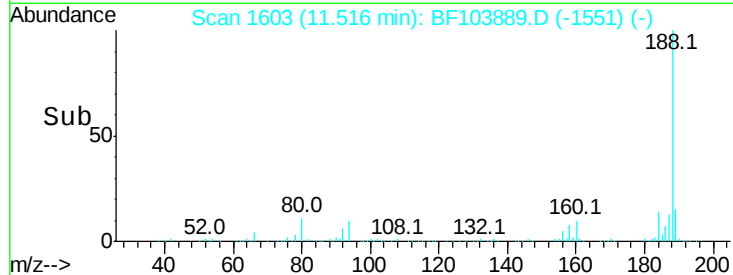
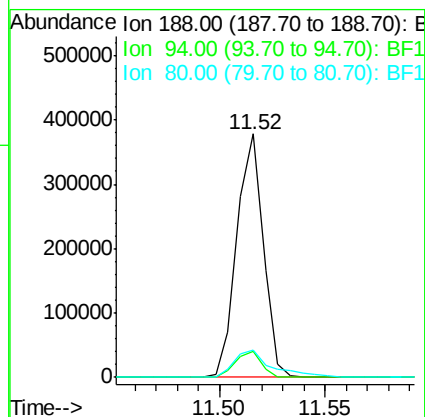
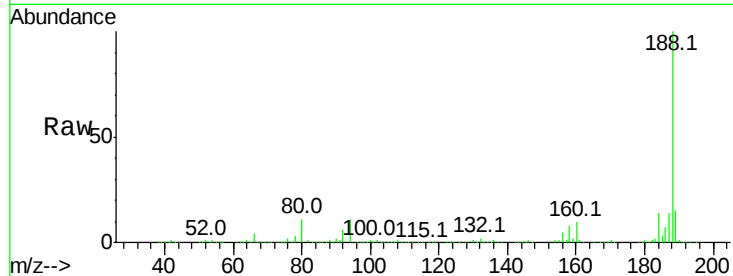




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

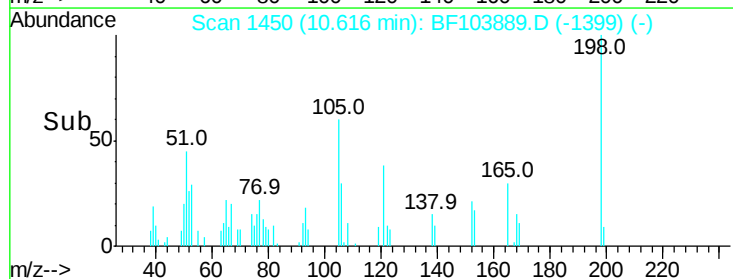
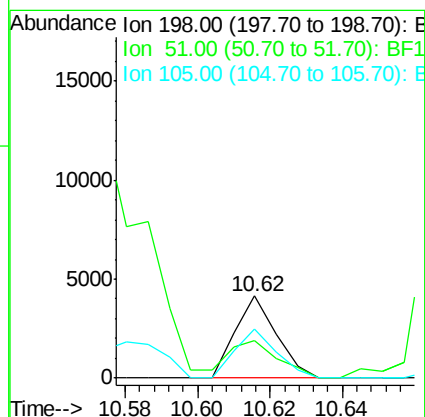
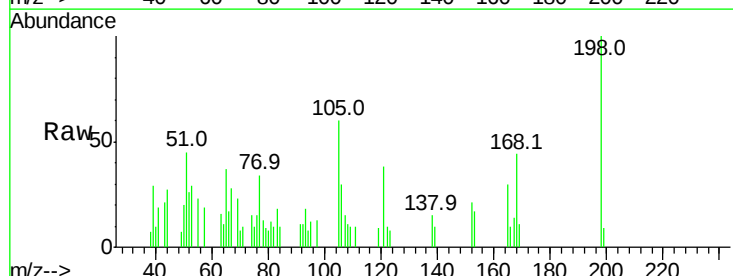
Instrument :
 BNA_F
 ClientSampleId :

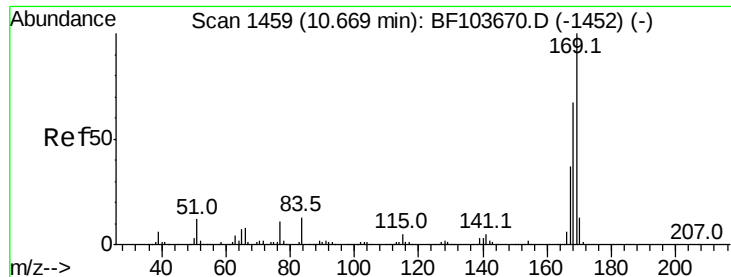
Tot Ion:188 Resp: 326367
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 11.041 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:198 Resp: 3241
 Ion Ratio Lower Upper
 198 100
 51 45.4 37.7 77.7
 105 60.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 42.623 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

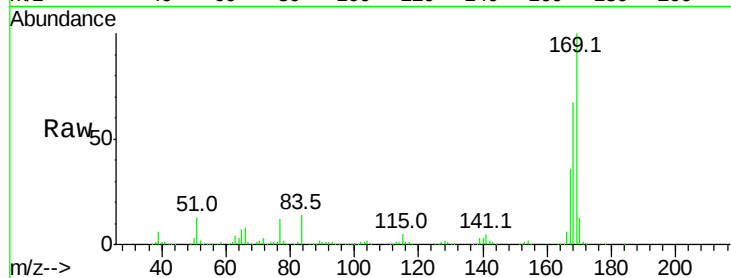
Tot Ion:169 Resp: 473493

Ion Ratio Lower Upper

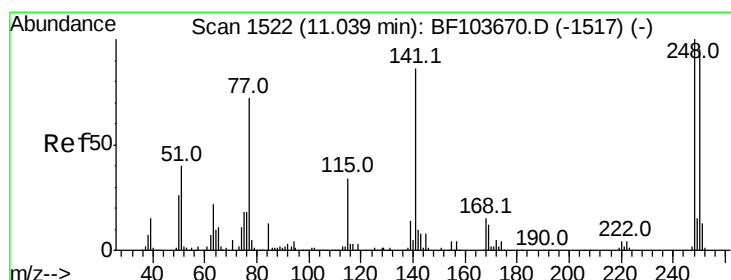
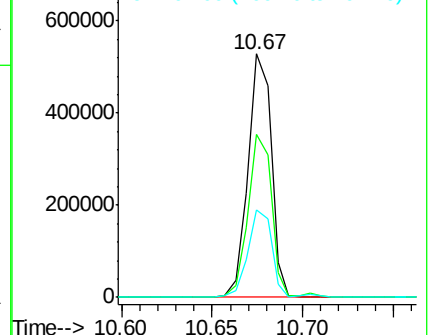
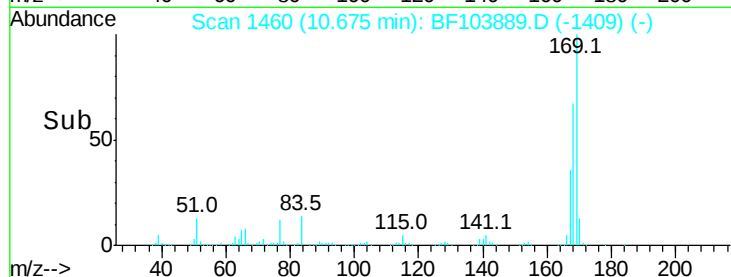
169 100

168 67.1 54.4 81.6

167 36.2 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: 42.084 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

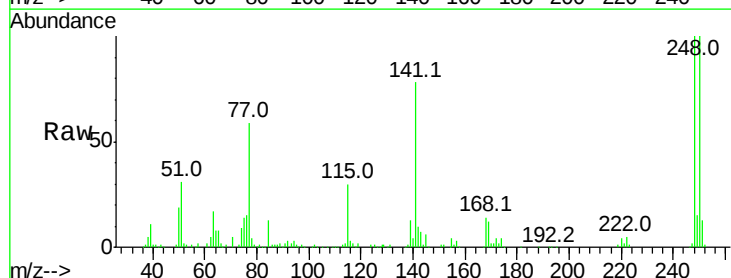
Tgt Ion:248 Resp: 141021

Ion Ratio Lower Upper

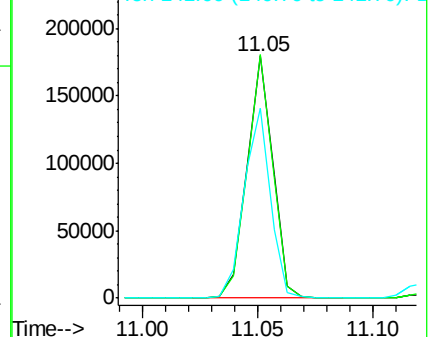
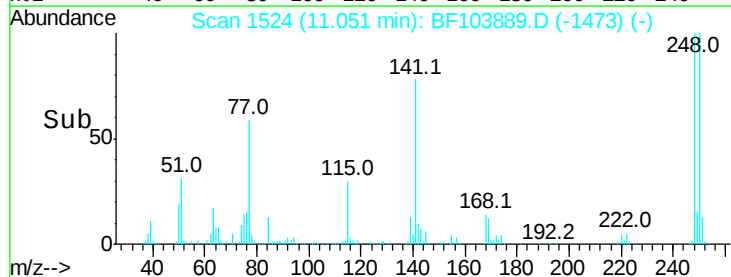
248 100

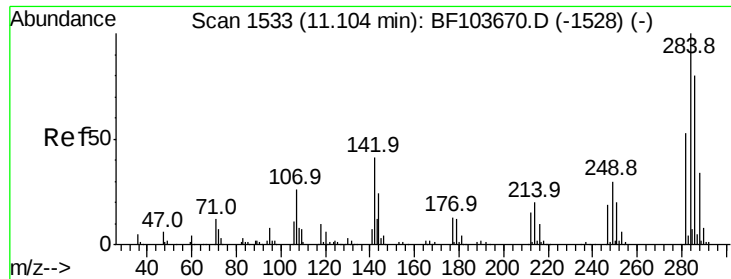
250 100.5 76.9 115.3

141 78.4 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

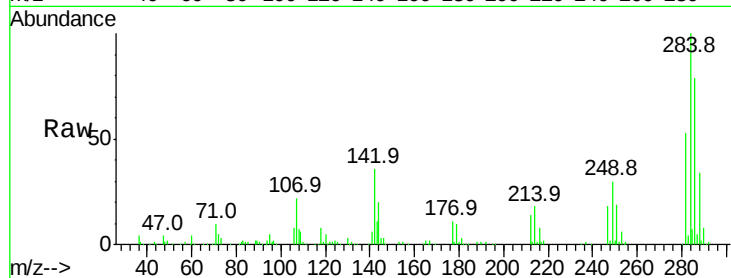




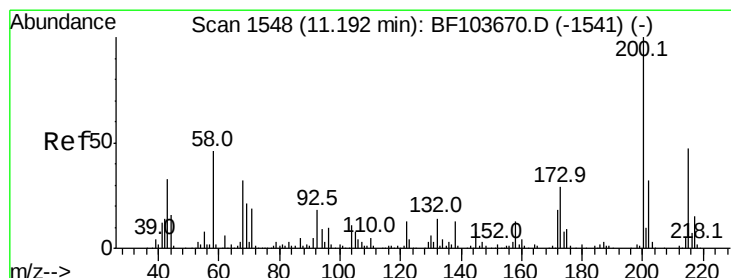
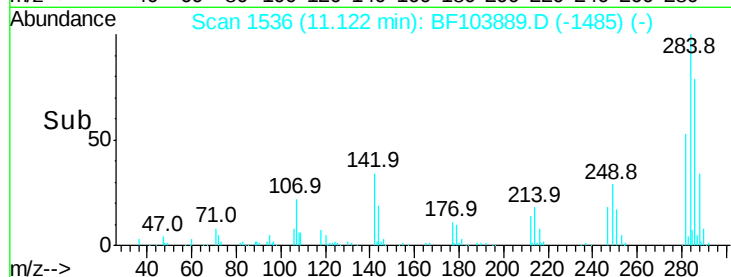
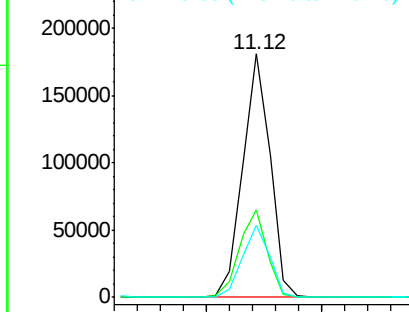
#67
Hexachlorobenzene
Concen: 39.191 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 149890
Ion Ratio Lower Upper
284 100
142 36.1 34.6 52.0
249 29.8 24.8 37.2

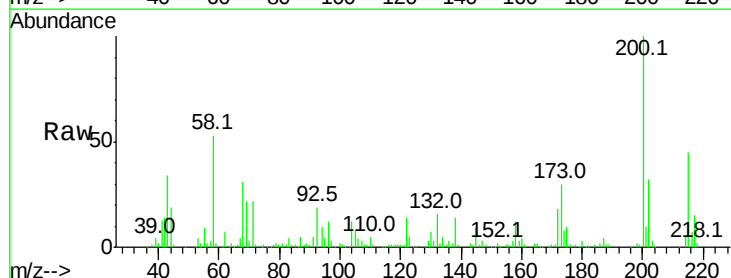


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

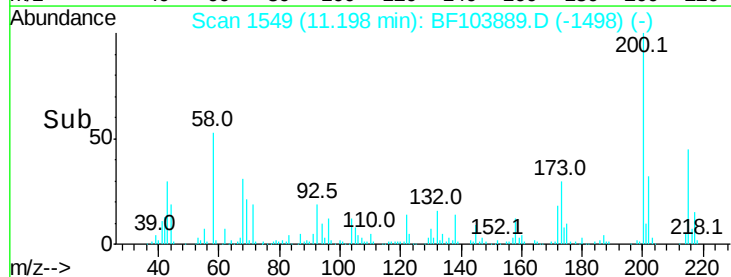
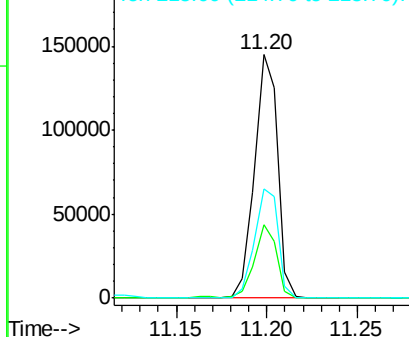


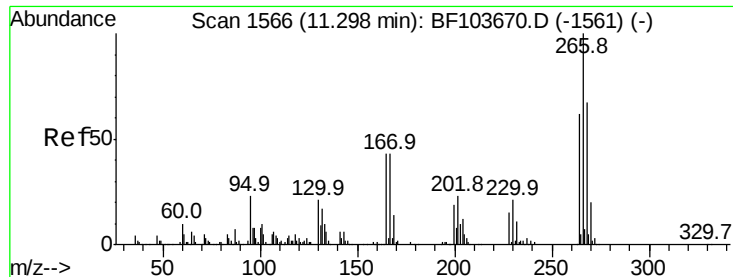
#68
Atrazine
Concen: 37.331 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:200 Resp: 128287
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 44.9 25.1 65.1



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

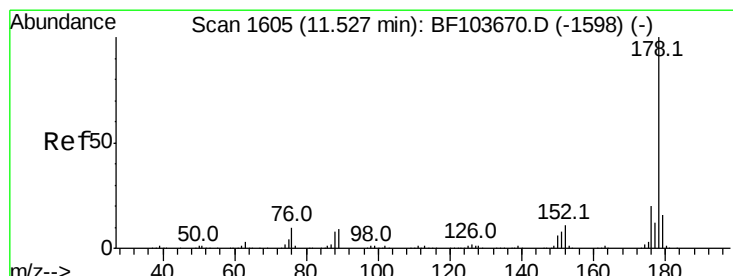
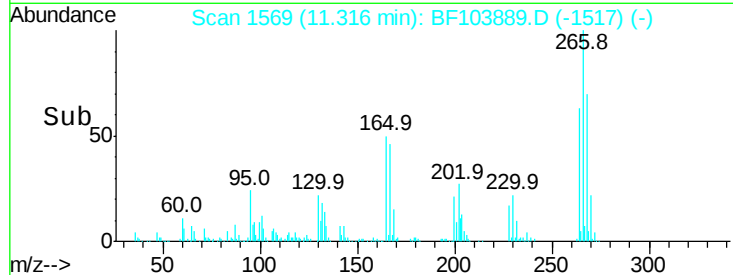
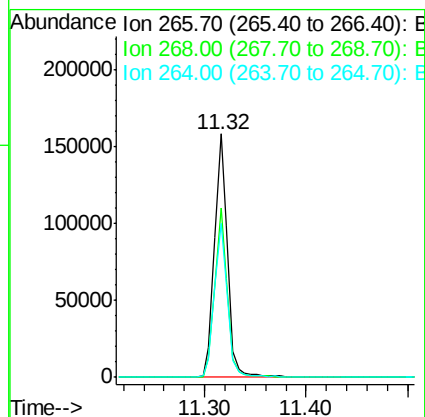
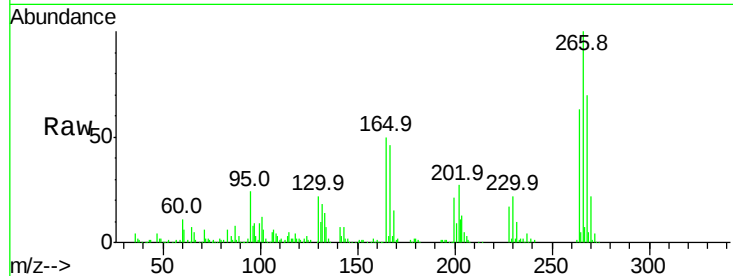




#69
 Pentachlorophenol
 Concen: 64.919 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

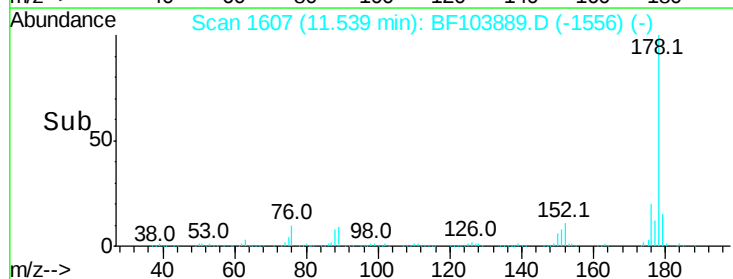
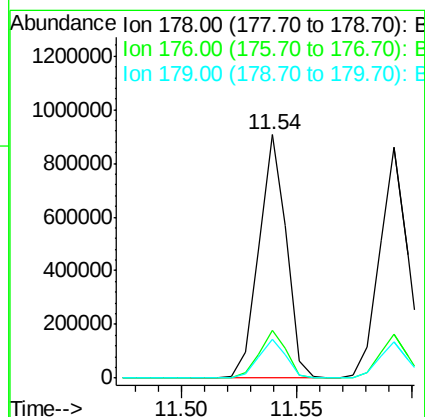
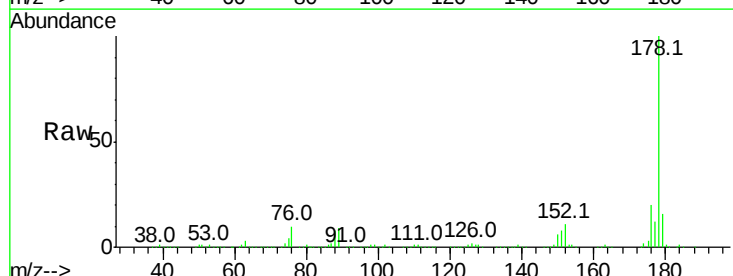
Instrument :
 BNA_F
 ClientSampleId :

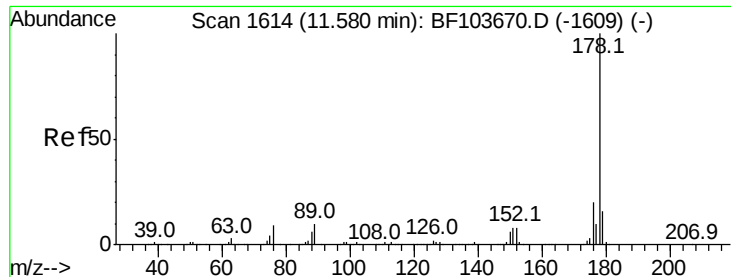
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.8	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 42.001 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	13.0	19.6

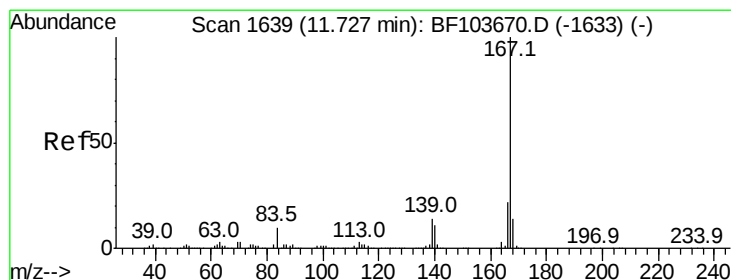
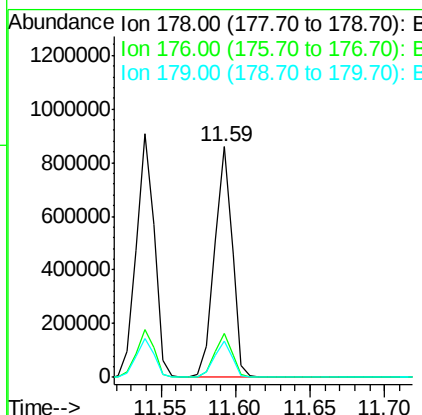
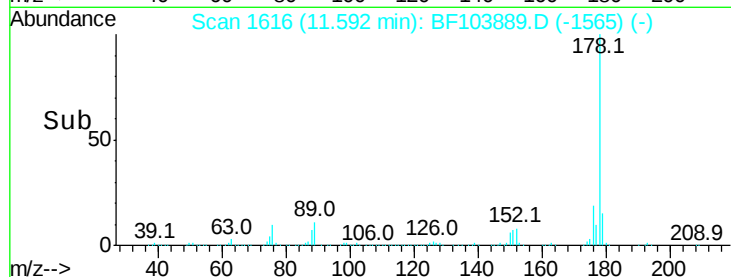
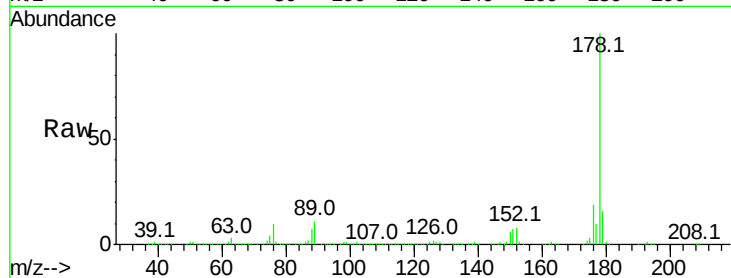




#71
 Anthracene
 Concen: 39.248 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

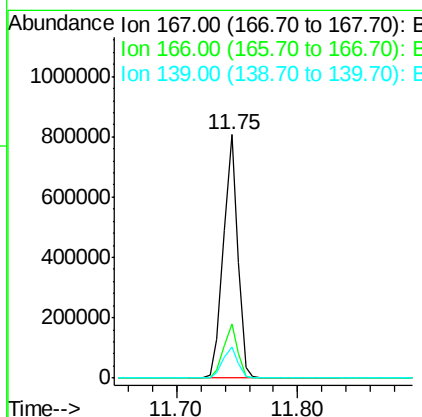
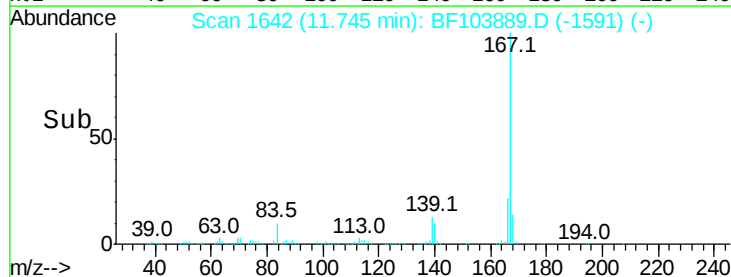
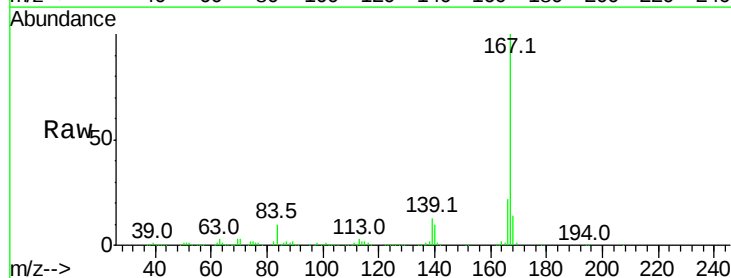
Instrument :
 BNA_F
 ClientSampled :

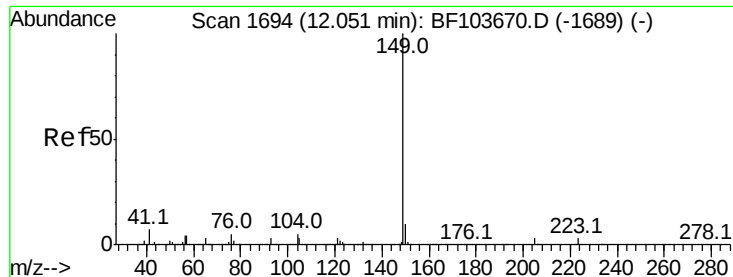
Tot Ion:178 Resp: 711663
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 37.504 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:167 Resp: 660964
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.0 10.9 16.3

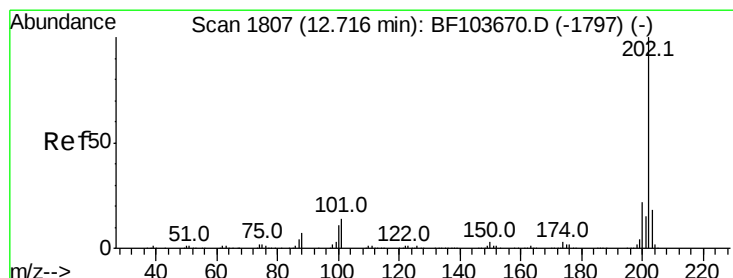
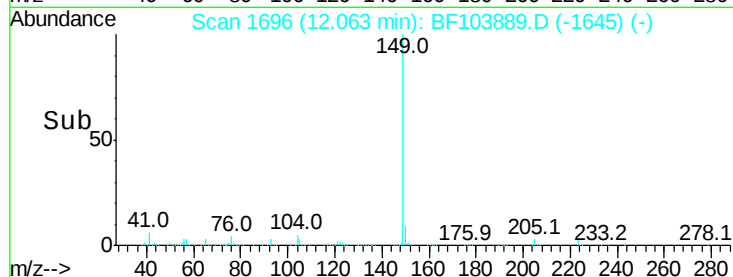
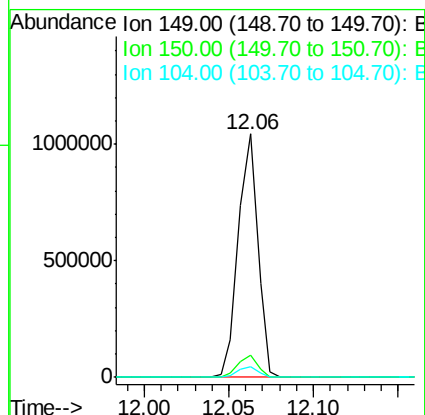
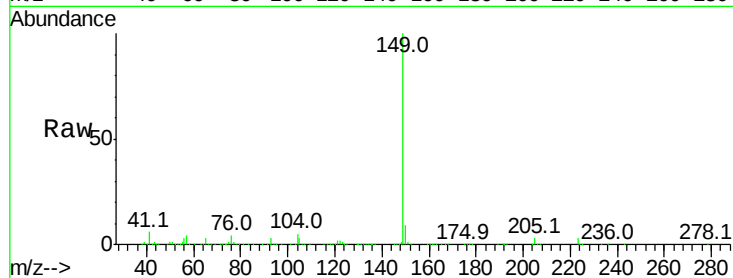




#73
Di-n-butylphthalate
Concen: 39.914 ng
RT: 12.06 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

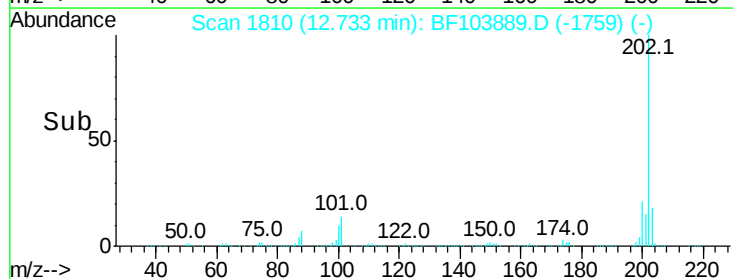
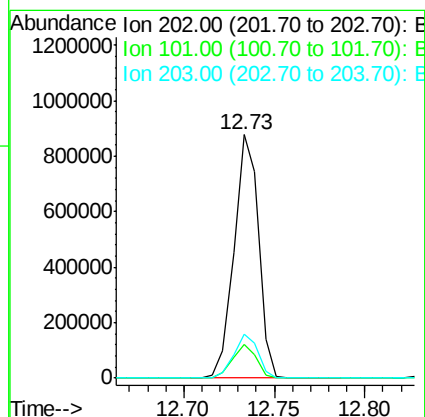
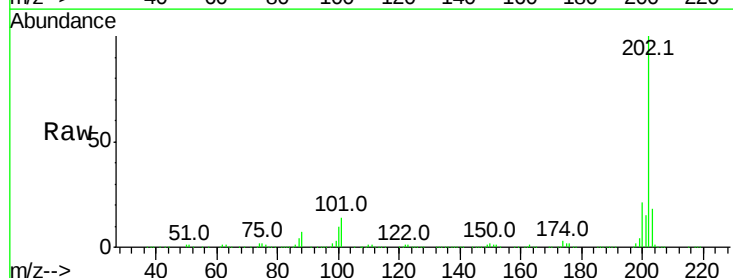
Instrument :
BNA_F
ClientSampled :

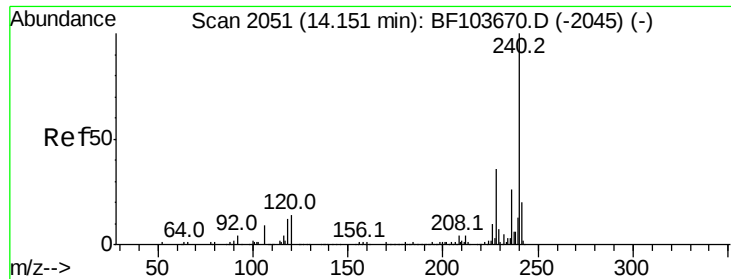
Tot Ion:149 Resp: 844046
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 44.797 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:202 Resp: 823933
Ion Ratio Lower Upper
202 100
101 13.8 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

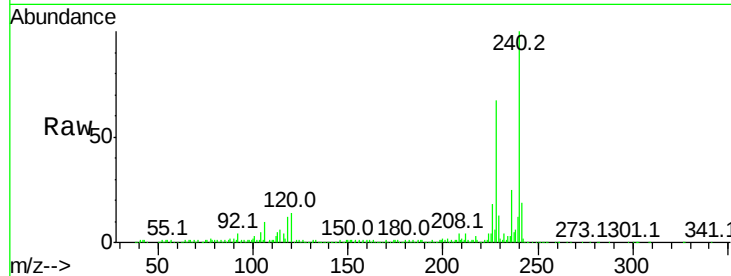
Tot Ion:240 Resp: 244700

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

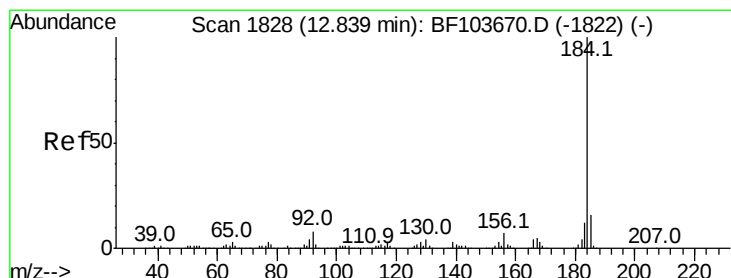
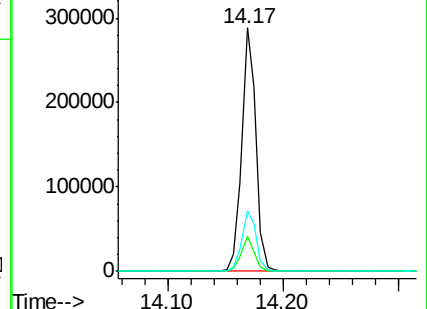
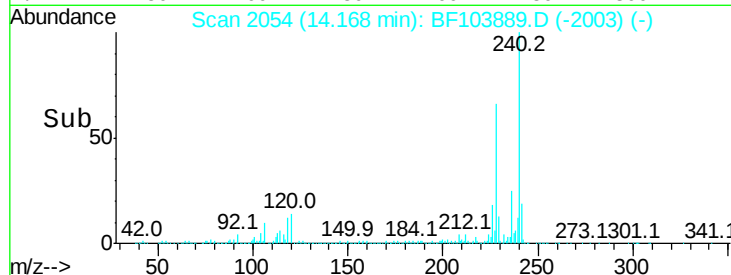
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.897 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

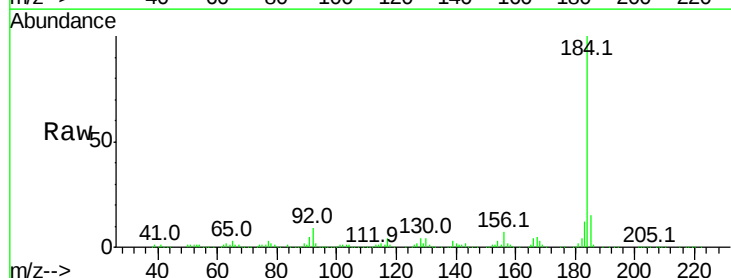
Tgt Ion:184 Resp: 374638

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

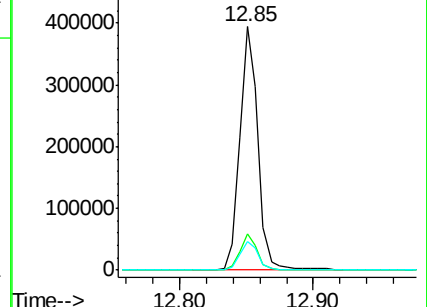
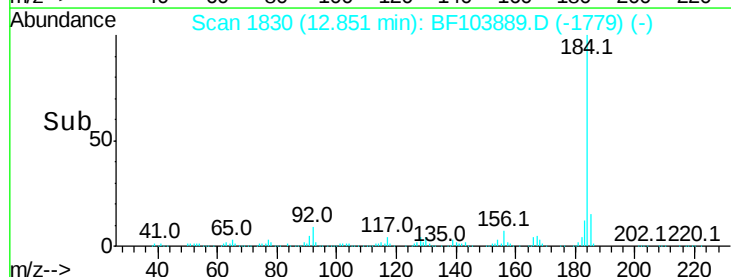
183 11.8 9.3 13.9

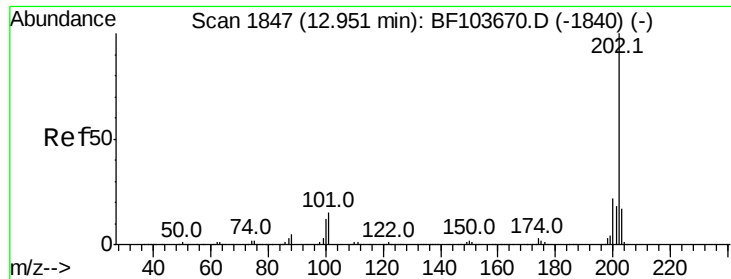


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

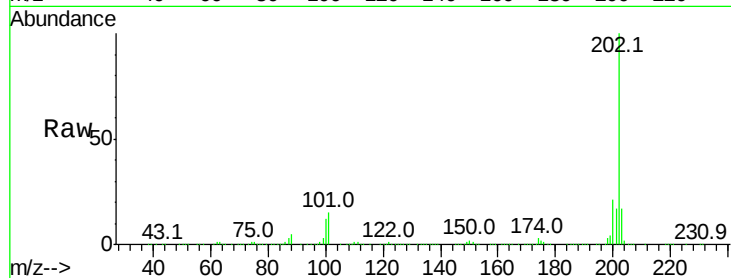




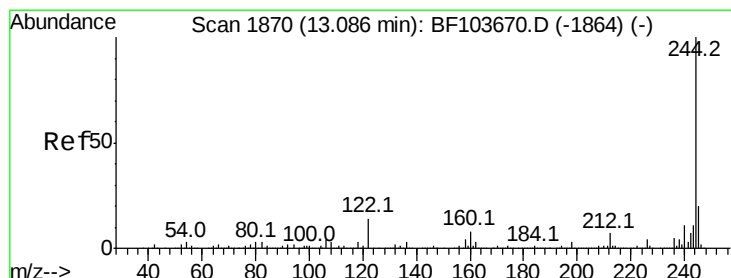
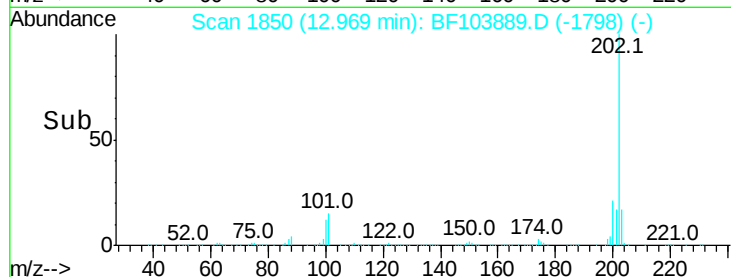
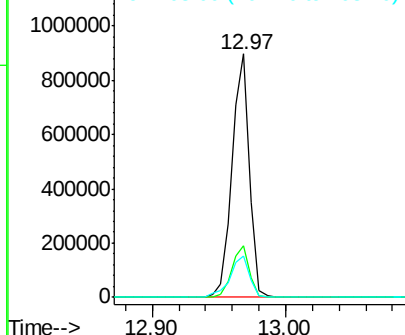
#77
Pvrene
Concen: 45.608 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 819600
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.1 14.3 21.5

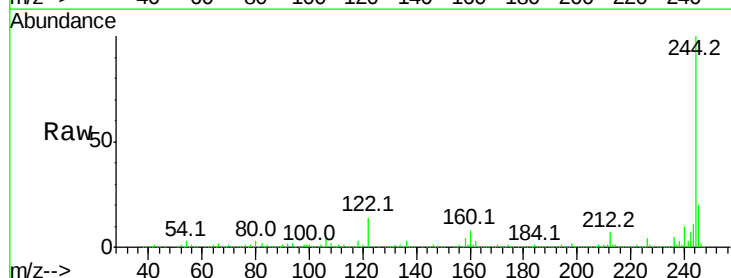


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

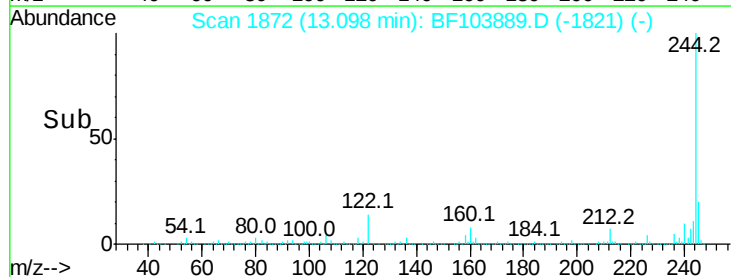
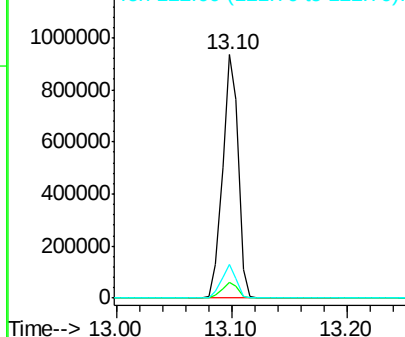


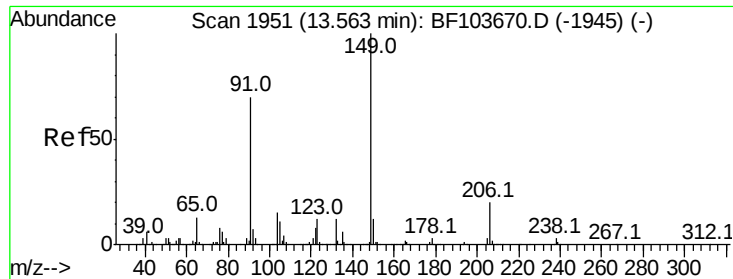
#78
Terphenyl-d14
Concen: 82.657 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:244 Resp: 871392
Ion Ratio Lower Upper
244 100
212 6.7 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

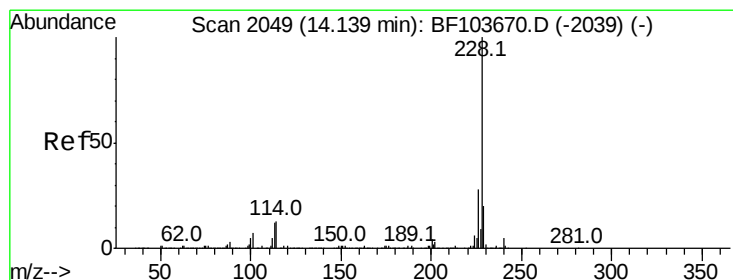
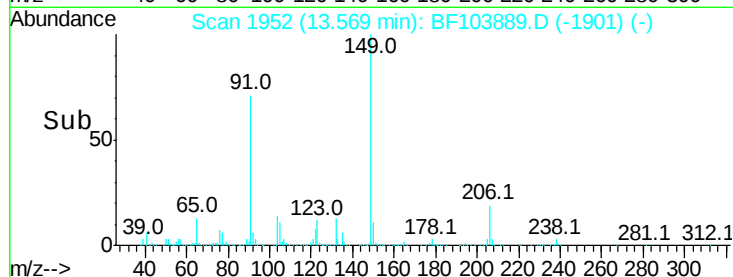
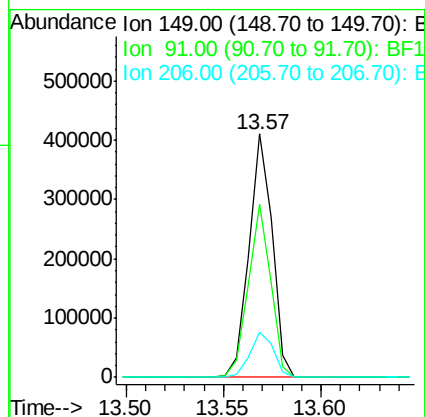
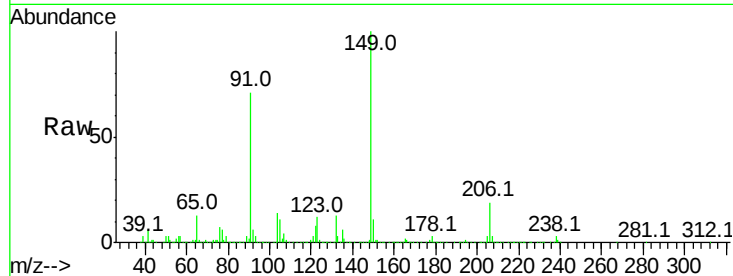




#79
Butylbenzylphthalate
Concen: 42.257 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

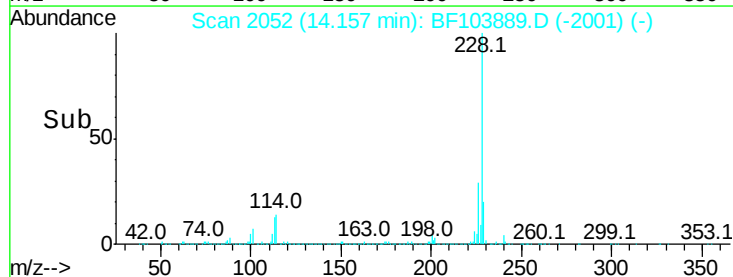
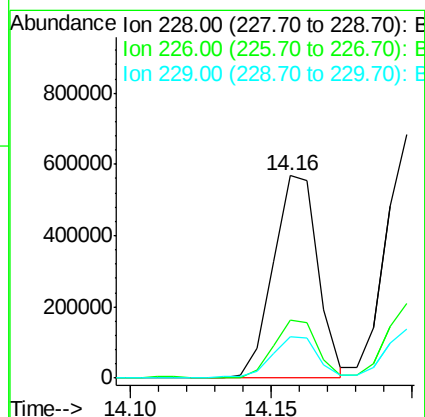
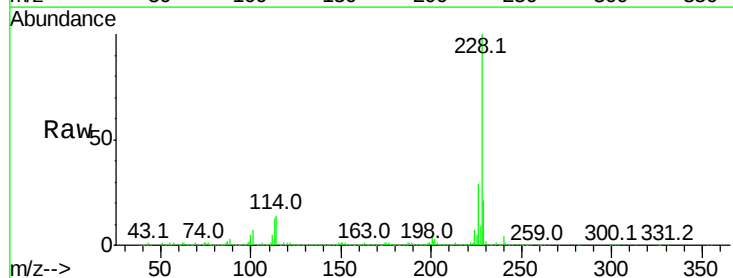
Instrument :
BNA_F
ClientSampleId :

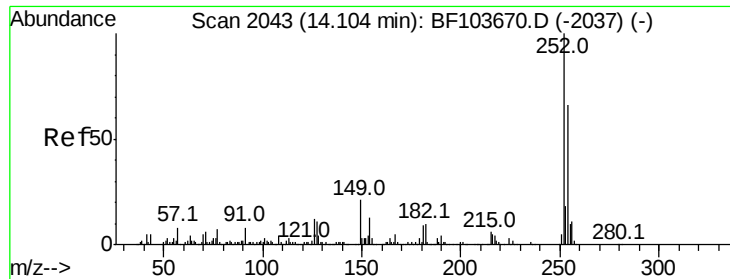
Tot Ion:149 Resp: 336449
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.078 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:228 Resp: 620779
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.6 15.8 23.6

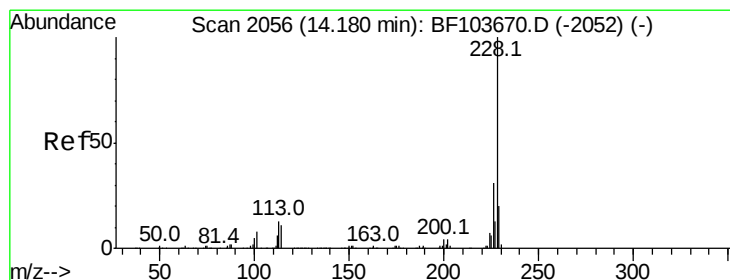
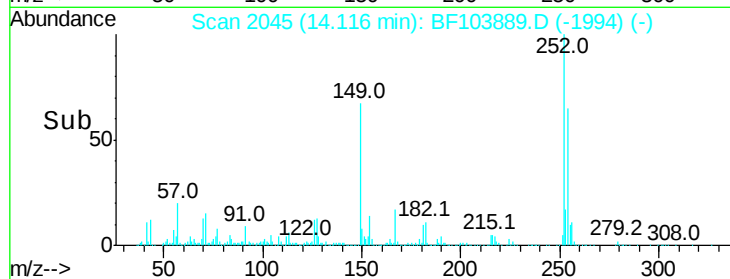
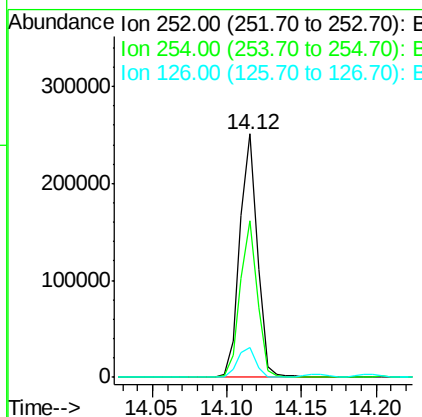
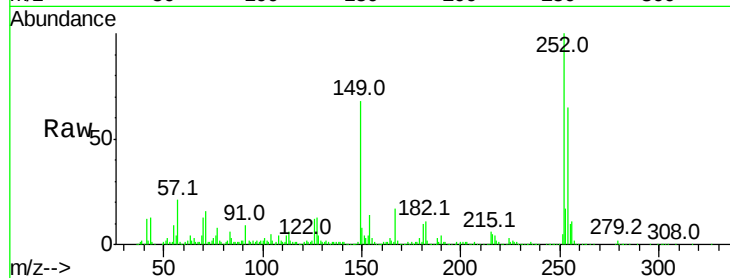




#81
 3,3'-Dichlorobenzidine
 Concen: 40.352 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

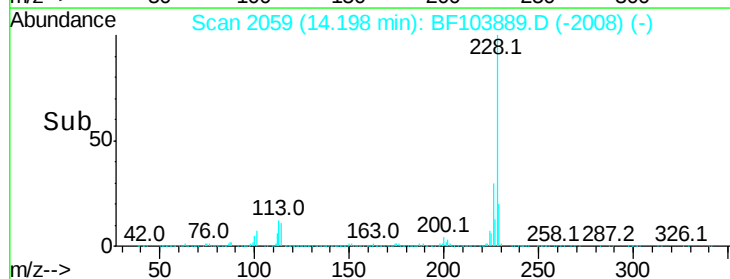
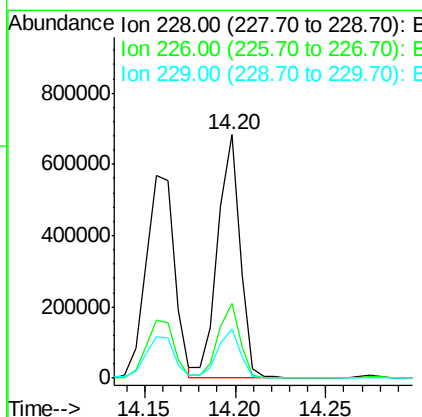
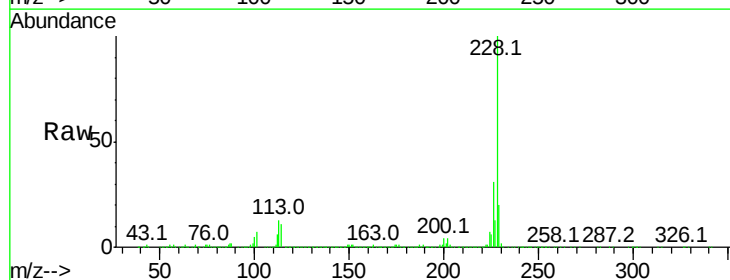
Instrument :
 BNA_F
 ClientSampleId :

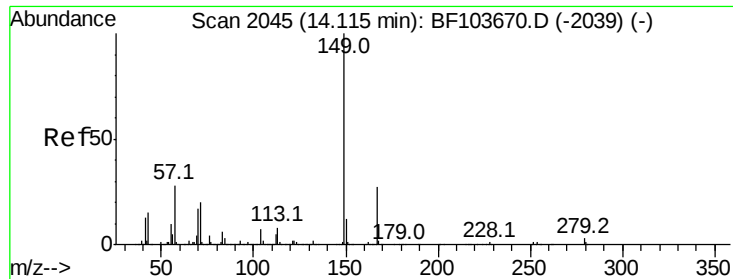
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	12.3	11.3	16.9



#82
 Chrysene
 Concen: 39.430 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.3	16.2	24.4

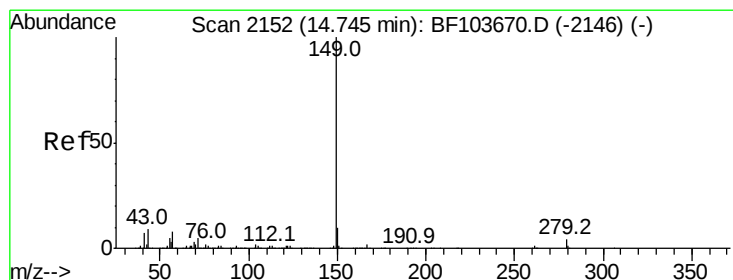
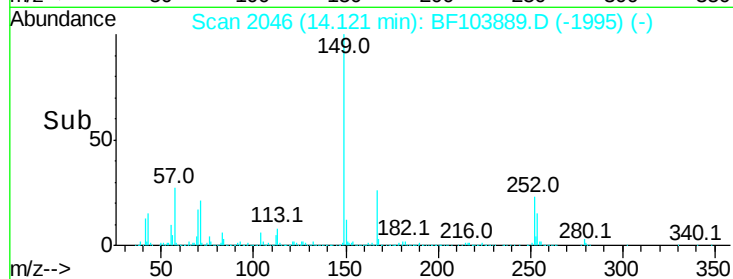
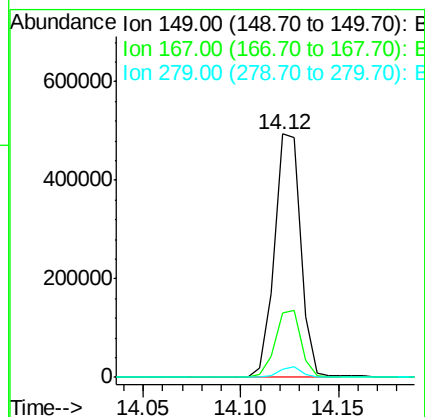
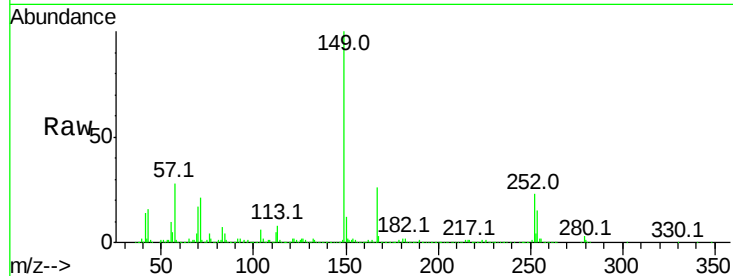




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.422 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

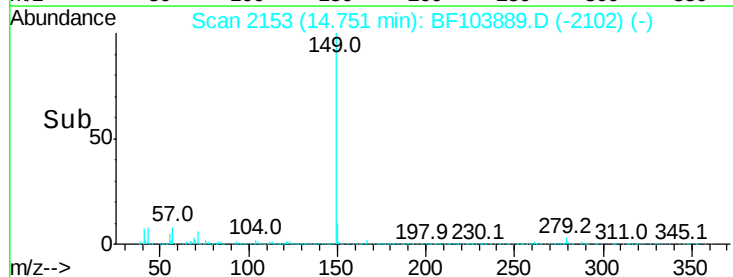
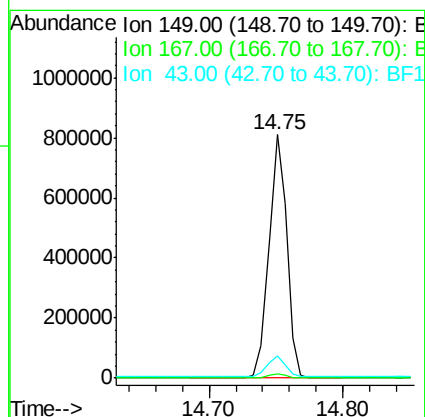
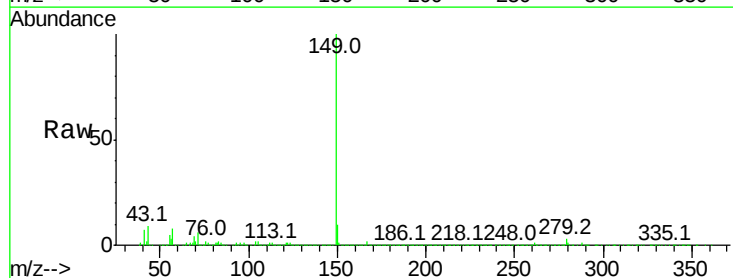
Instrument :
 BNA_F
 ClientSampleId :

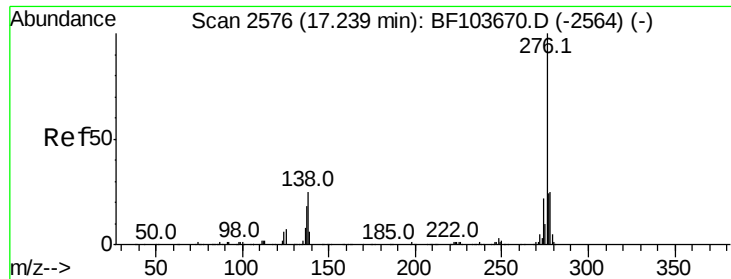
Tot Ion:149 Resp: 459766
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.290 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BF103889.D
 Acq: 23 Mar 2018 19:13

Tgt Ion:149 Resp: 749430
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.646 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

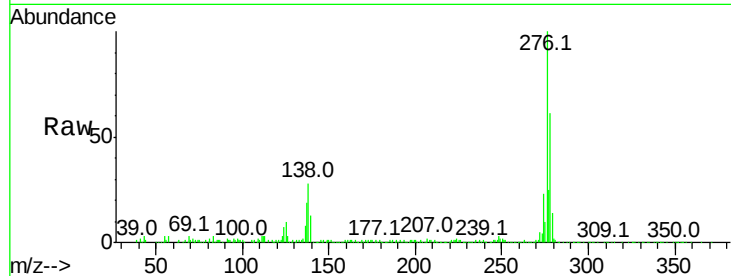
Tot Ion:276 Resp: 433851

Ion Ratio Lower Upper

276 100

138 28.9 25.0 37.6

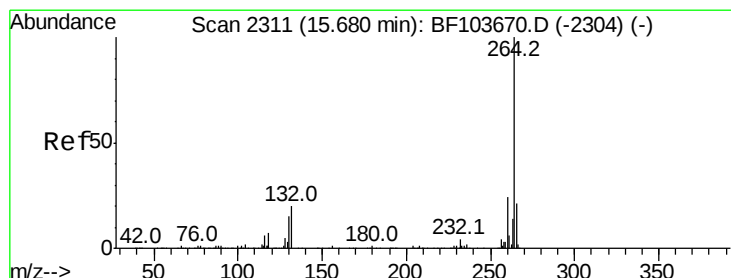
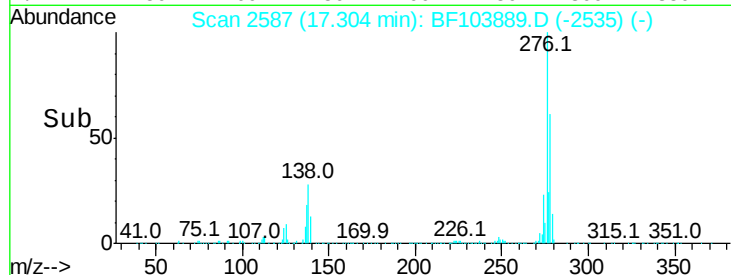
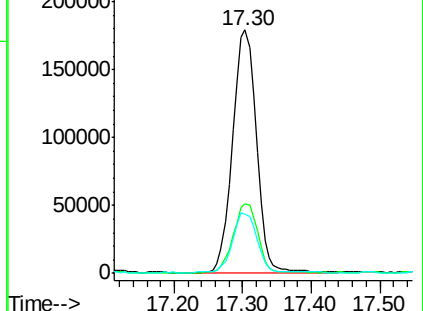
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

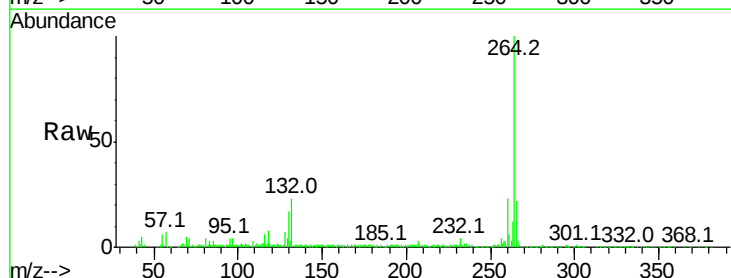
Tgt Ion:264 Resp: 182091

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

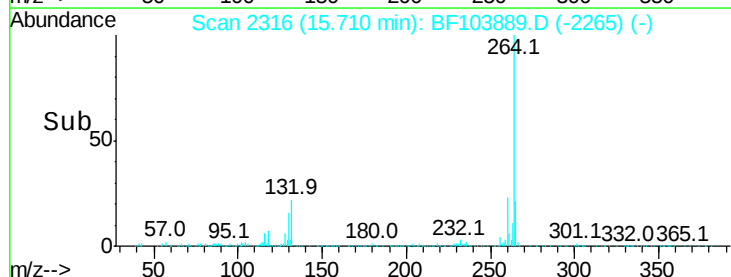
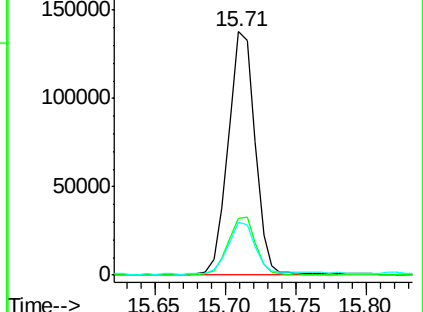
265 21.8 17.5 26.3

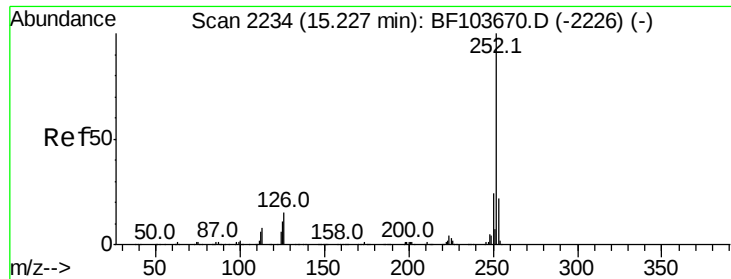


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.341 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampled :

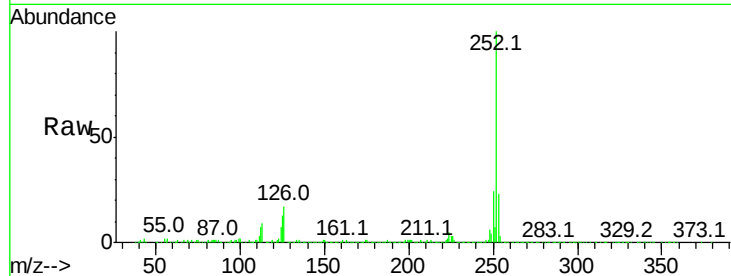
Tot Ion:252 Resp: 498599

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

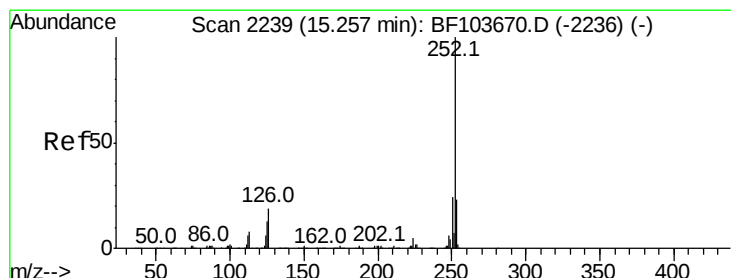
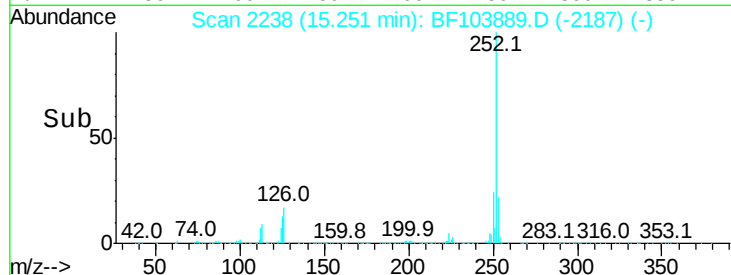
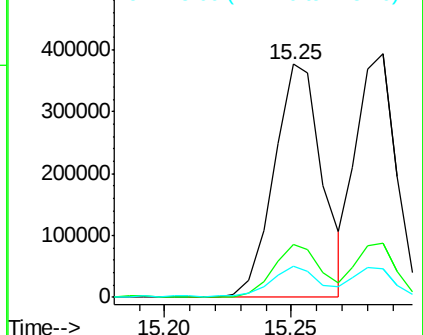
125 13.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.813 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

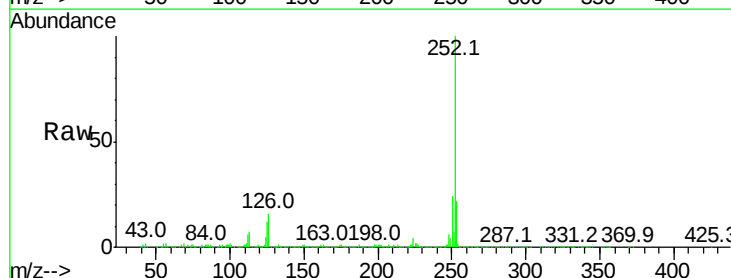
Tgt Ion:252 Resp: 429213

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

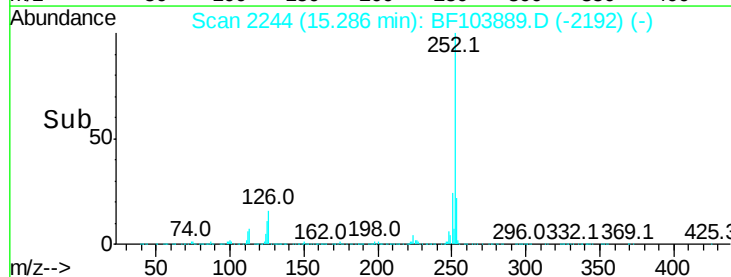
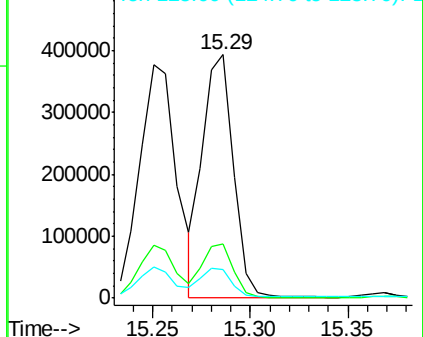
125 11.6 10.2 15.2

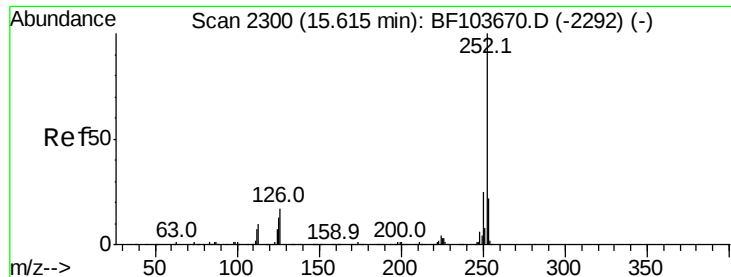


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

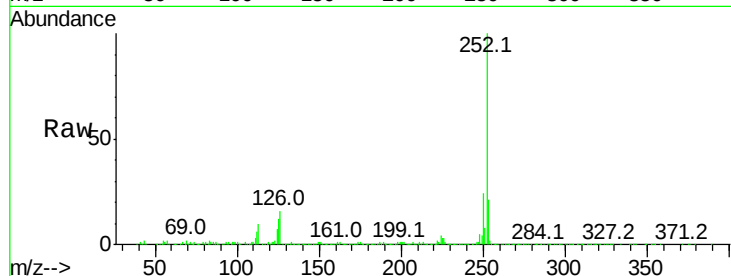




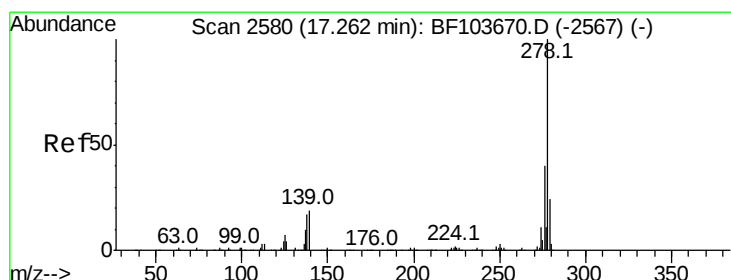
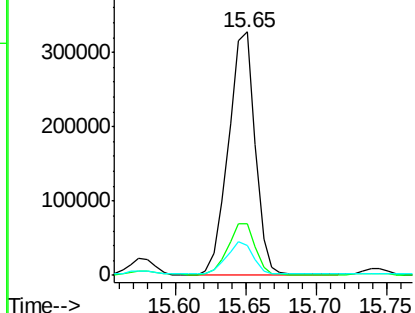
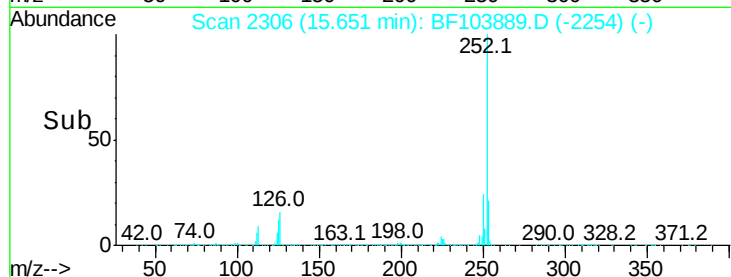
#89
Benzo(a)pyrene
Concen: 41.578 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 433834
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 12.4 9.8 14.6

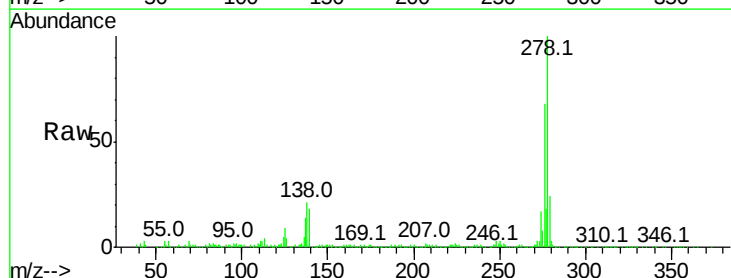


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

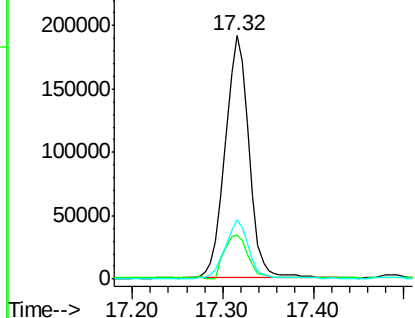
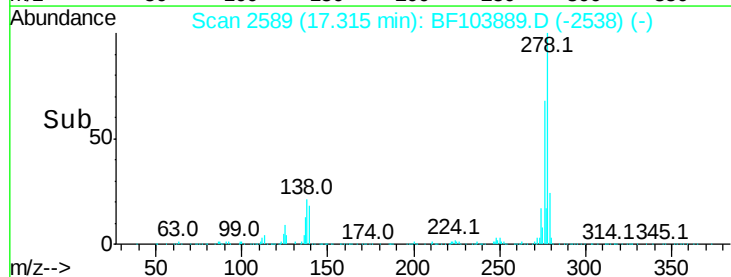


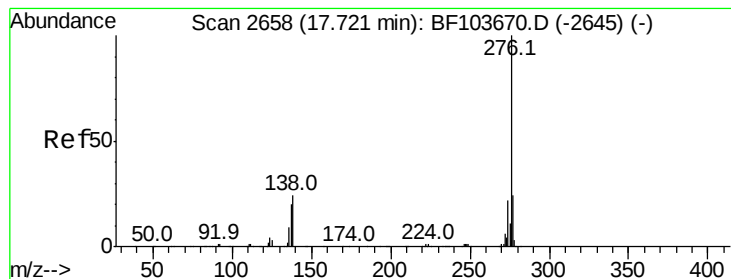
#90
Dibenzo(a,h)anthracene
Concen: 38.588 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF103889.D
Acq: 23 Mar 2018 19:13

Tgt Ion:278 Resp: 348640
Ion Ratio Lower Upper
278 100
139 18.3 15.9 23.9
279 24.2 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: 39.933 ng

RT: 17.79 min Scan# 2669

Delta R.T. 0.01 min

Lab File: BF103889.D

Acq: 23 Mar 2018 19:13

Instrument :

BNA_F

ClientSampleId :

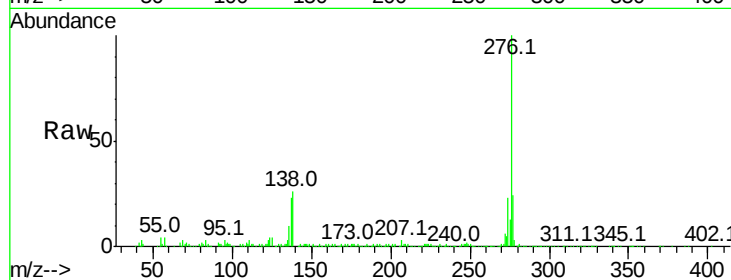
Tot Ion:276 Resp: 351001

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 25.6 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

