

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103891.D
 Acq On : 23 Mar 2018 20:06
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 23:10:56 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	122758	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	454123	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	171791	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	273681	20.00	ng	0.00
75) Chrysene-d12	14.17	240	221912	20.00	ng	0.00
86) Perylene-d12	15.70	264	165085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	629263	77.97	ng	0.00
7) Phenol-d6	6.60	99	747278	75.68	ng	0.00
23) Nitrobenzene-d5	7.54	82	619249	95.09	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	128687	87.12	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	997561	92.63	ng	0.00
78) Terphenyl-d14	13.10	244	828444	86.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	152575	38.392	ng	89
3) Pyridine	3.60	79	409618	37.473	ng	87
4) n-Nitrosodimethylamine	3.56	42	127464	31.626	ng	# 72
6) Aniline	6.64	93	524932	37.230	ng	97
8) 2-Chlorophenol	6.76	128	329481	38.970	ng	94
9) Benzaldehyde	6.53	77	222417	34.287	ng	95
10) Phenol	6.62	94	401380	38.254	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	323253	37.320	ng	95
12) 1,3-Dichlorobenzene	6.92	146	373244	38.761	ng	97
13) 1,4-Dichlorobenzene	7.00	146	376863	38.947	ng	98
14) 1,2-Dichlorobenzene	7.15	146	348054	38.763	ng	98
15) Benzyl Alcohol	7.11	79	258640	33.806	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.25	45	415877	33.757	ng	93
17) 2-Methylphenol	7.22	107	277926	36.914	ng	98
18) Hexachloroethane	7.49	117	81733	24.013	ng	95
19) n-Nitroso-di-n-propylamine	7.38	70	213054	33.668	ng	95
20) 3+4-Methylphenols	7.37	107	352484	36.890	ng	92
22) Acetophenone	7.39	105	453067	38.819	ng	94
24) Nitrobenzene	7.56	77	324482	42.443	ng	91
25) Isophorone	7.79	82	548981	36.417	ng	99
26) 2-Nitrophenol	7.87	139	101522	37.480	ng	90
27) 2,4-Dimethylphenol	7.90	122	252519	39.101	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	363771	39.850	ng	100
29) 2,4-Dichlorophenol	8.12	162	236340	40.225	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	272256	39.951	ng	99
31) Naphthalene	8.28	128	874502	38.121	ng	99
32) Benzoic acid	7.99	122	93248	26.146	ng	96
33) 4-Chloroaniline	8.33	127	373498	38.809	ng	97
34) Hexachlorobutadiene	8.39	225	152665	40.860	ng	98
35) Caprolactam	8.69	113	75136	37.137	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	235434	36.348	ng	98
37) 2-Methylnaphthalene	8.97	142	534764	36.760	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	228777	46.680	ng	98
42) 2,4,6-Trichlorophenol	9.25	196	142836	45.564	ng	96

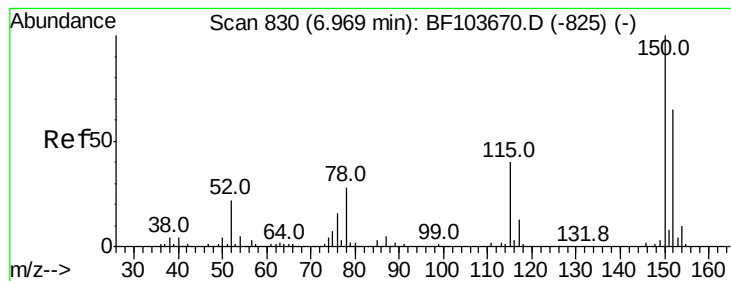
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103891.D
 Acq On : 23 Mar 2018 20:06
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 23:10:56 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)
43) 2,4,5-Trichlorophenol	9.29	196	155206	43.866	ng	94
45) 1,1'-Biphenyl	9.43	154	638840	44.597	ng	99
46) 2-Chloronaphthalene	9.46	162	485670	42.686	ng	99
47) 2-Nitroaniline	9.56	65	151427	50.468	ng	98
48) Acenaphthylene	9.88	152	698346	39.582	ng	100
49) Dimethylphthalate	9.73	163	591210	45.107	ng	100
50) 2,6-Dinitrotoluene	9.80	165	92218	37.337	ng #	87
51) Acenaphthene	10.05	154	406619	38.814	ng	99
52) 3-Nitroaniline	9.97	138	155786	51.008	ng	97
53) 2,4-Dinitrophenol	10.08	184	293	7.184	ng #	51
54) Dibenzofuran	10.23	168	581799	38.885	ng	98
55) 4-Nitrophenol	10.12	139	76055	34.695	ng	91
56) 2,4-Dinitrotoluene	10.20	165	103023	34.135	ng #	83
57) Fluorene	10.57	166	447144	38.513	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	101545	40.503	ng	93
59) Diethylphthalate	10.43	149	537912	41.350	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	219357	41.341	ng	95
61) 4-Nitroaniline	10.59	138	149968	51.023	ng	91
62) Azobenzene	10.72	77	442648	33.469	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	1222	9.448	ng #	78
65) n-Nitrosodiphenylamine	10.67	169	403569	43.322	ng	98
66) 4-Bromophenyl-phenylether	11.05	248	122962	43.759	ng #	87
67) Hexachlorobenzene	11.12	284	135260	42.175	ng #	89
68) Atrazine	11.20	200	115166	39.965	ng	99
69) Pentachlorophenol	11.32	266	70158	38.050	ng	98
70) Phenanthrene	11.54	178	604087	40.351	ng	99
71) Anthracene	11.59	178	623267	40.990	ng	99
72) Carbazole	11.75	167	602636	40.777	ng	99
73) Di-n-butylphthalate	12.06	149	763731	43.068	ng	99
74) Fluoranthene	12.73	202	651936	42.269	ng	98
76) Benzidine	12.85	184	408607	43.172	ng	98
77) Pyrene	12.96	202	680233	41.740	ng	99
79) Butylbenzylphthalate	13.57	149	327905	45.413	ng	96
80) Benzo(a)anthracene	14.16	228	557985	39.723	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	218343	46.469	ng	99
82) Chrysene	14.19	228	532687	39.782	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	461444	44.735	ng	100
84) Di-n-octyl phthalate	14.74	149	711596	47.419	ng #	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	399887	34.197	ng	98
87) Benzo(b)fluoranthene	15.24	252	429677	41.198	ng	97
88) Benzo(k)fluoranthene	15.28	252	404691	40.365	ng	98
89) Benzo(a)pyrene	15.64	252	375828	39.729	ng	98
90) Dibenzo(a,h)anthracene	17.31	278	337875	41.248	ng	97
91) Benzo(g,h,i)perylene	17.77	276	323059	40.541	ng	96

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

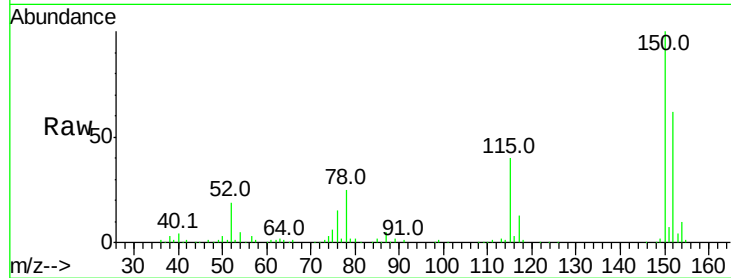


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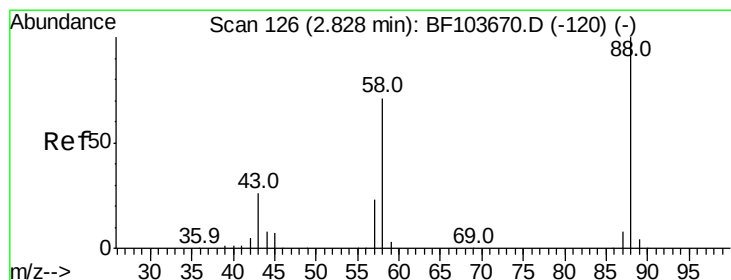
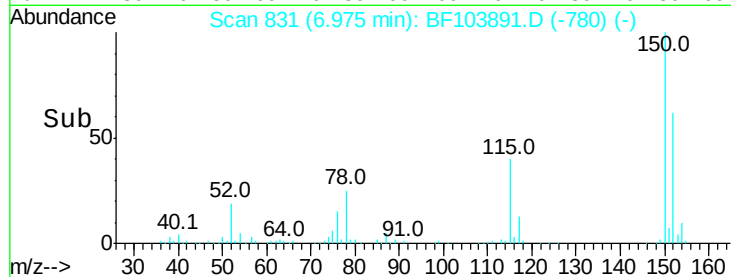
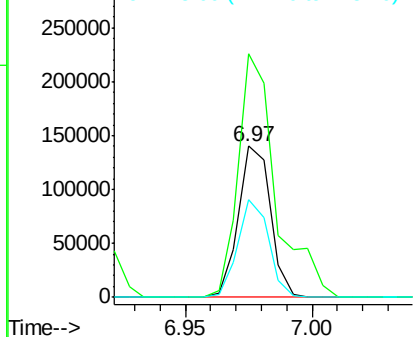
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122758
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 65.0 50.1 75.1



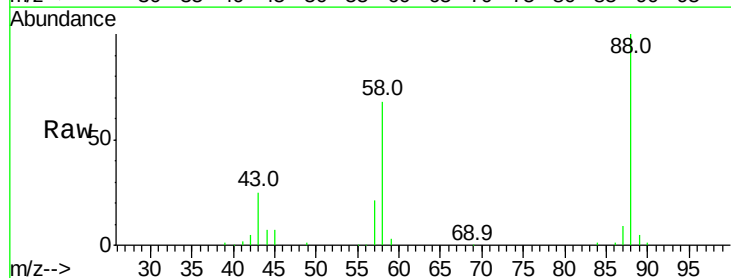
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



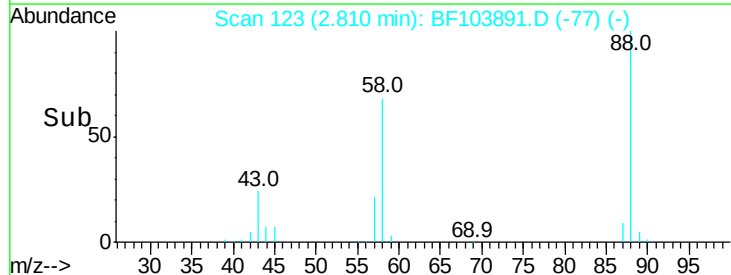
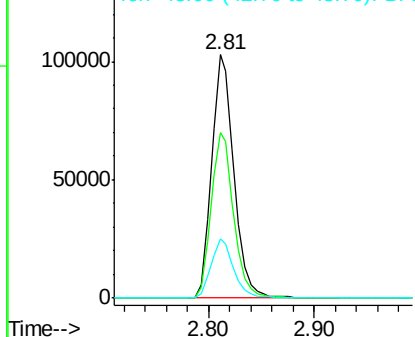
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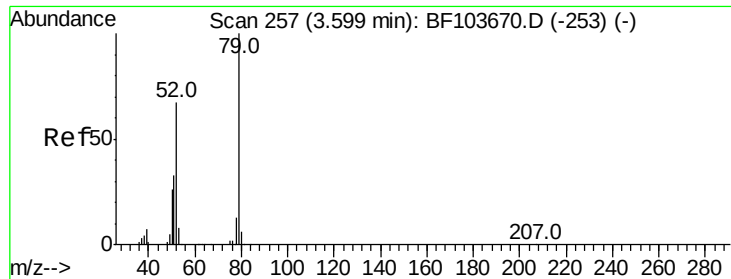
1,4-Dioxane
Concen: 38.392 ng
RT: 2.81 min Scan# 123
Delta R.T. -0.03 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion: 88 Resp: 152575
Ion Ratio Lower Upper
88 100
58 68.3 62.6 93.8
43 24.8 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.473 ng

RT: 3.60 min Scan# 257

Delta R.T. -0.02 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

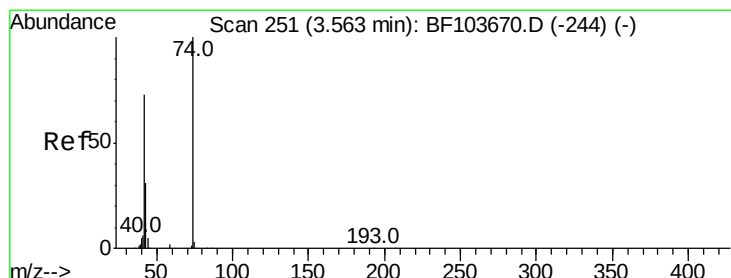
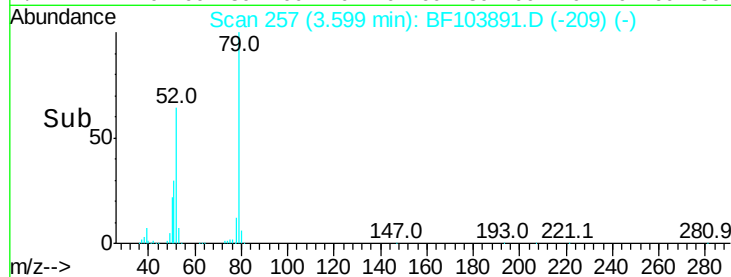
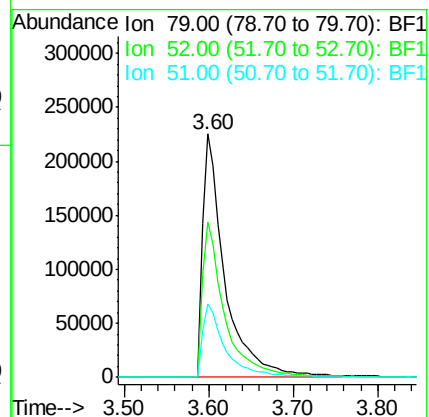
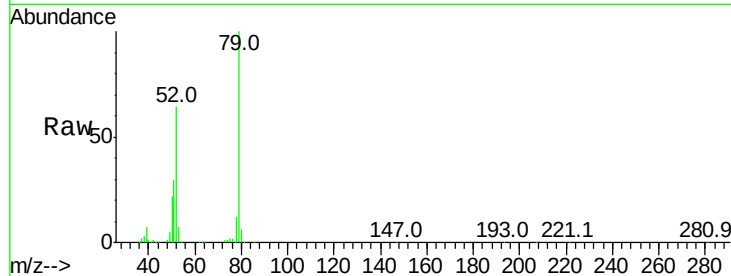
Tot Ion: 79 Resp: 409618

Ion Ratio Lower Upper

79 100

52 63.7 59.8 89.6

51 30.4 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 31.626 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

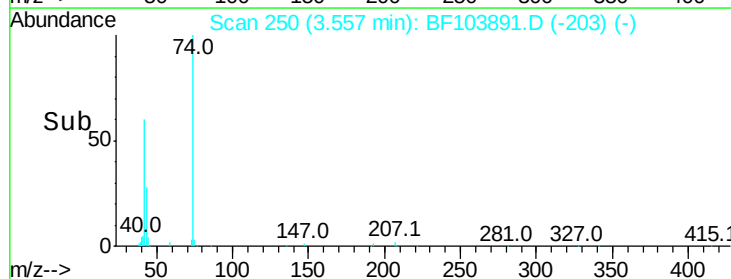
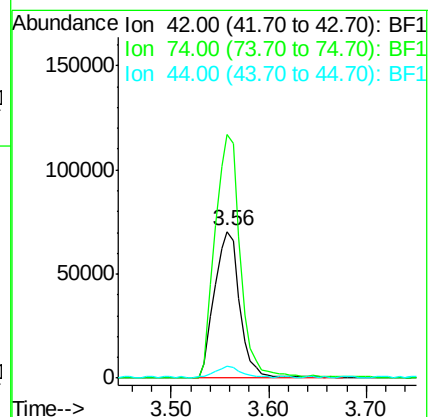
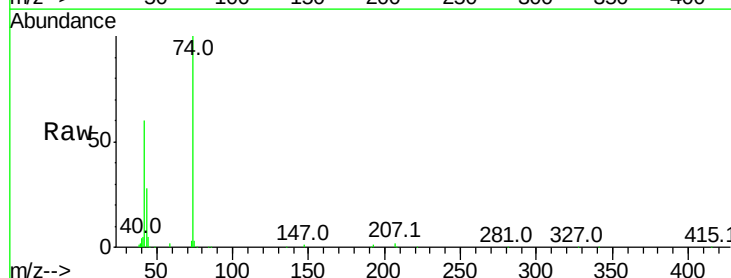
Tgt Ion: 42 Resp: 127464

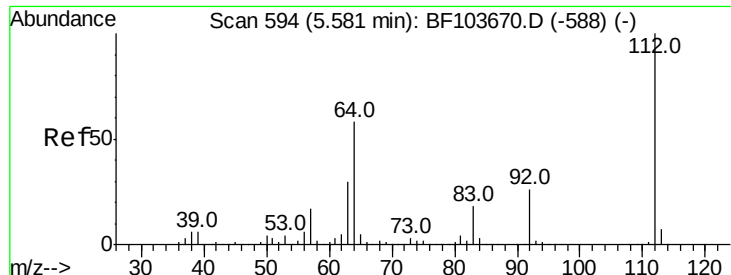
Ion Ratio Lower Upper

42 100

74 165.9 104.9 157.3#

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 77.967 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampled :

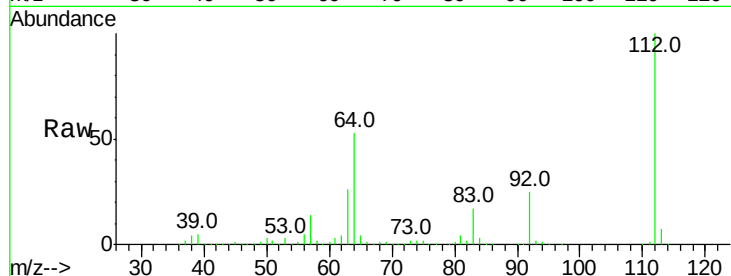
Tot Ion:112 Resp: 629263

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

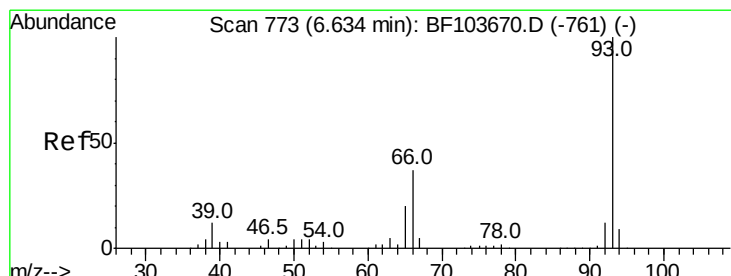
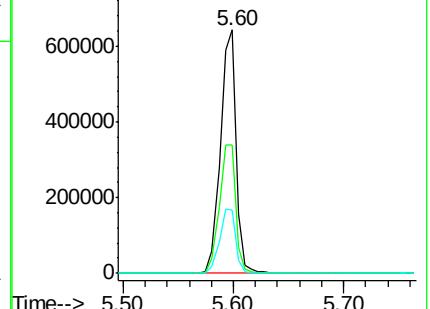
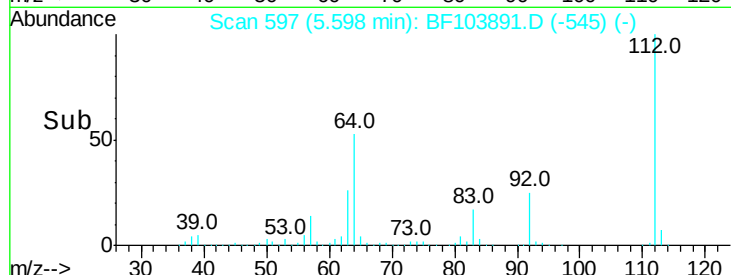
63 25.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.230 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

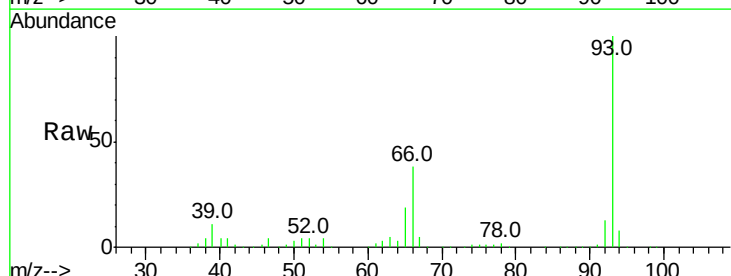
Tgt Ion: 93 Resp: 524932

Ion Ratio Lower Upper

93 100

66 38.3 32.2 48.2

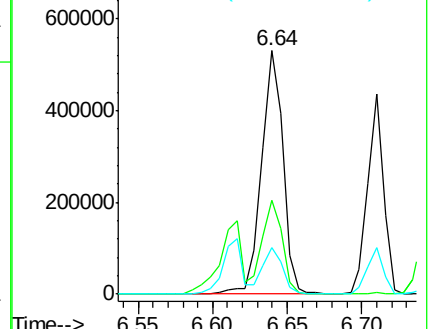
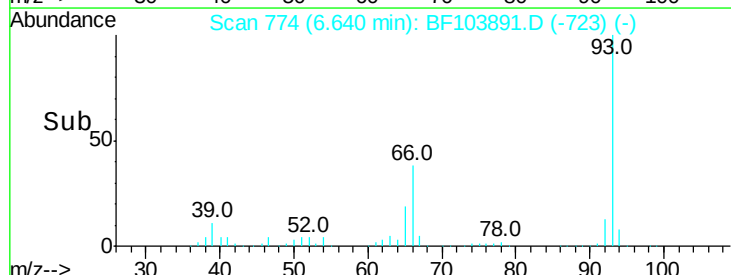
65 19.3 16.4 24.6

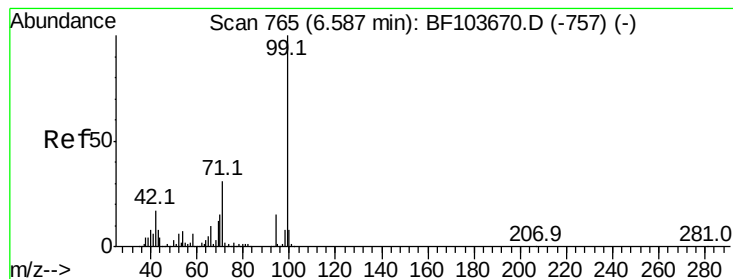


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.680 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

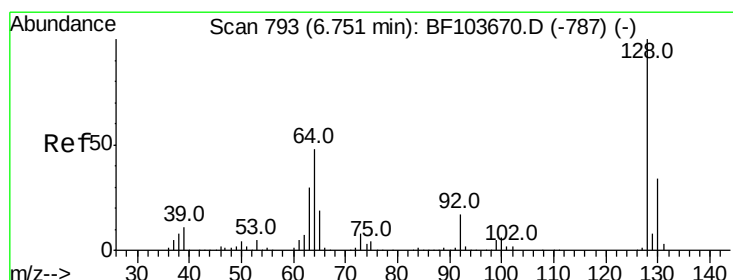
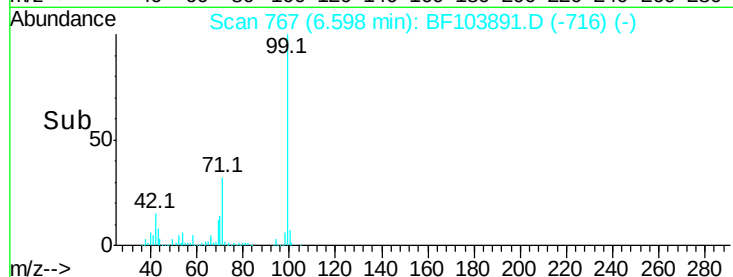
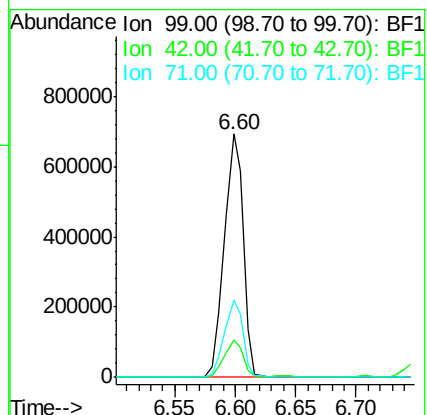
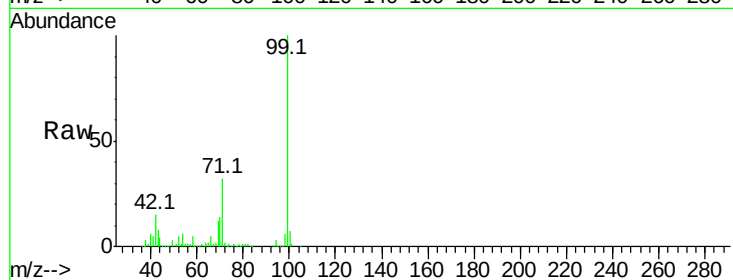
Tot Ion: 99 Resp: 747278

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 31.6 25.4 38.0



#8

2-Chlorophenol

Concen: 38.970 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

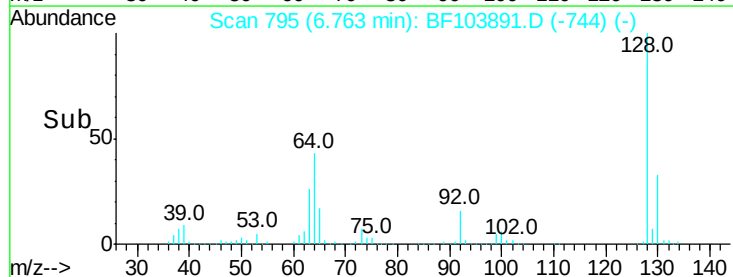
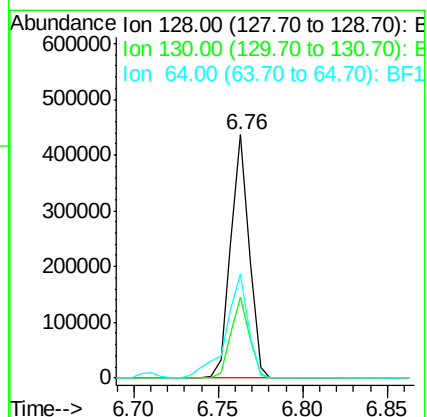
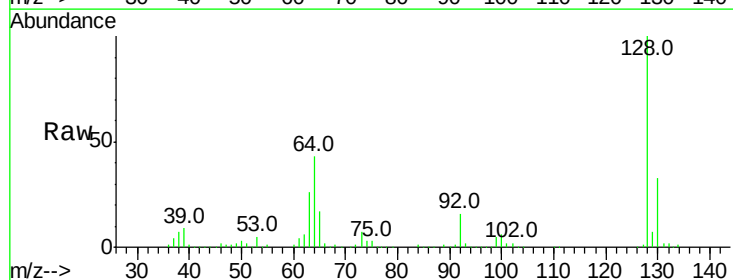
Tgt Ion: 128 Resp: 329481

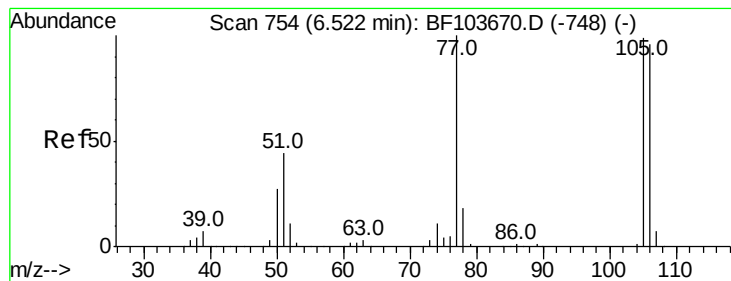
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 42.9 29.4 69.4





#9

Benzaldehyde

Concen: 34.287 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

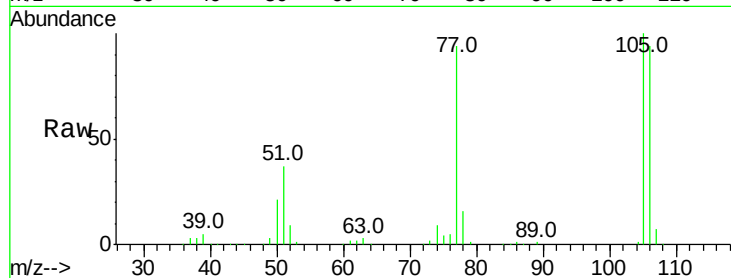
Tot Ion: 77 Resp: 222417

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

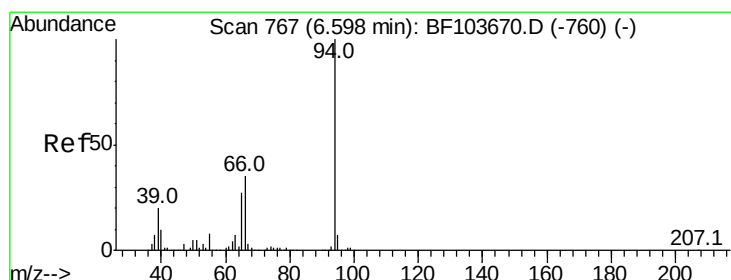
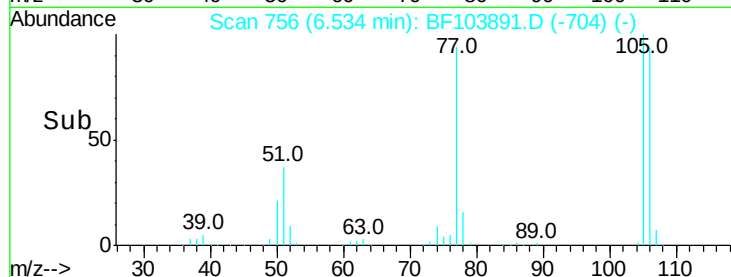
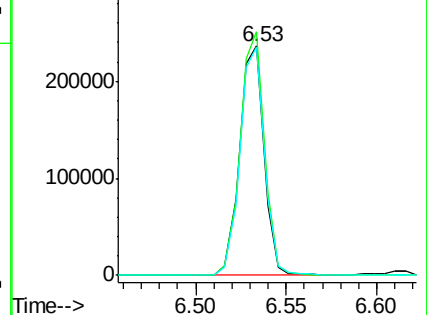
106 99.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.254 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

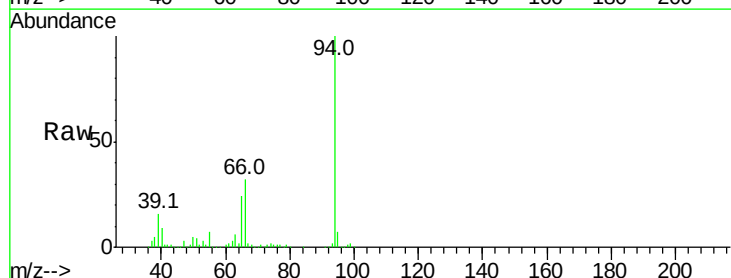
Tgt Ion: 94 Resp: 401380

Ion Ratio Lower Upper

94 100

65 24.2 7.9 47.9

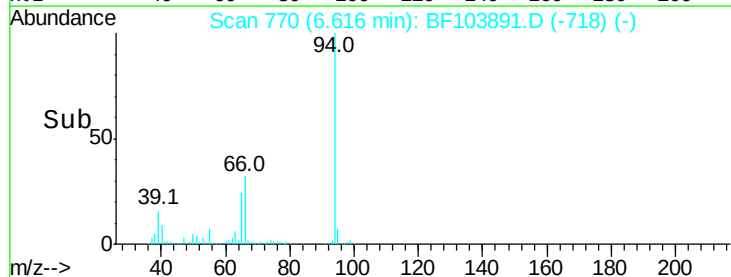
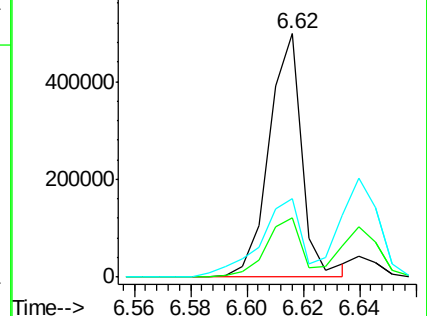
66 32.1 16.2 56.2

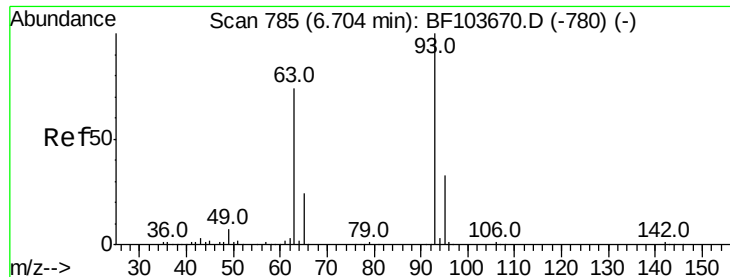


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.320 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

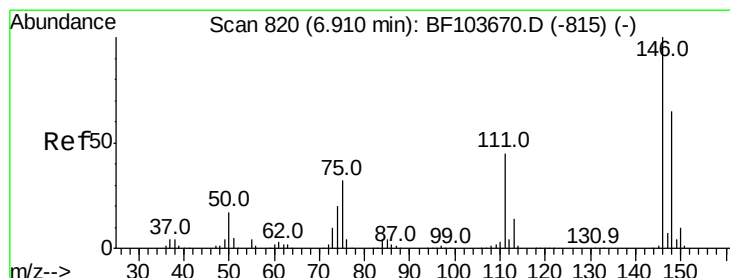
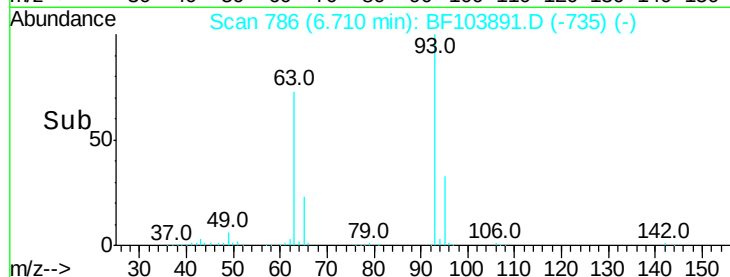
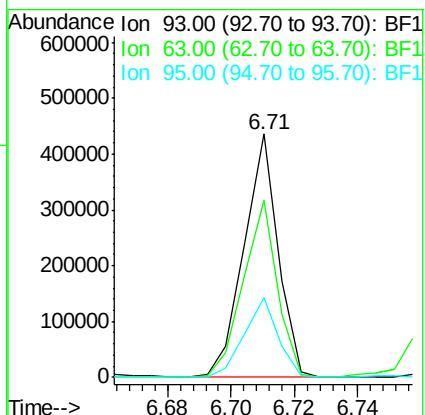
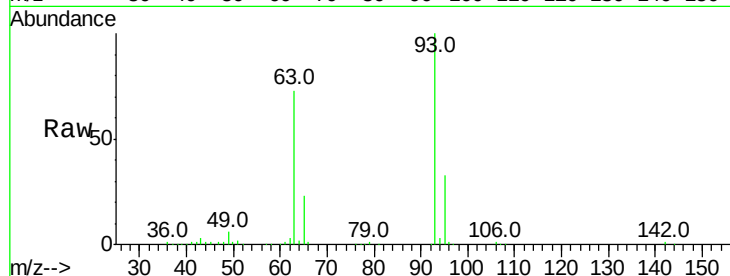
Tot Ion: 93 Resp: 323253

Ion Ratio Lower Upper

93 100

63 72.7 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.761 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

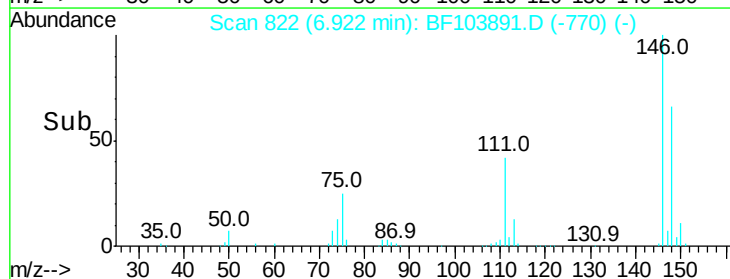
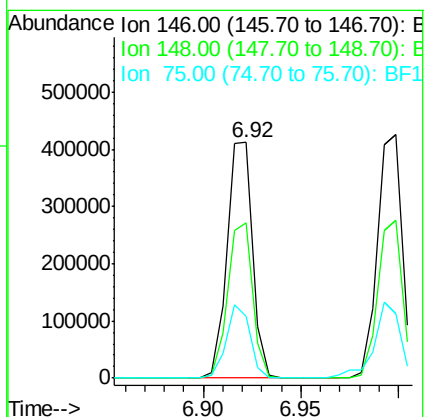
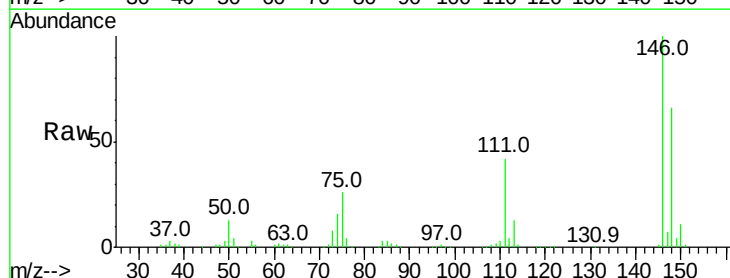
Tgt Ion: 146 Resp: 373244

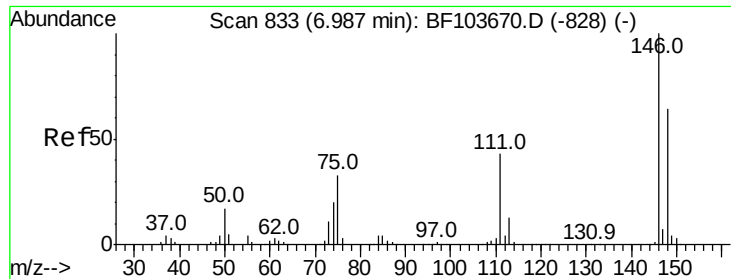
Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.8

75 26.3 24.2 36.4

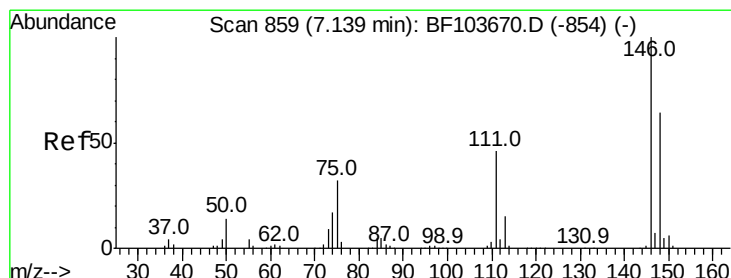
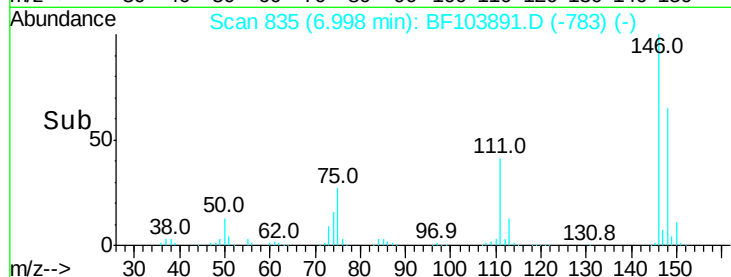
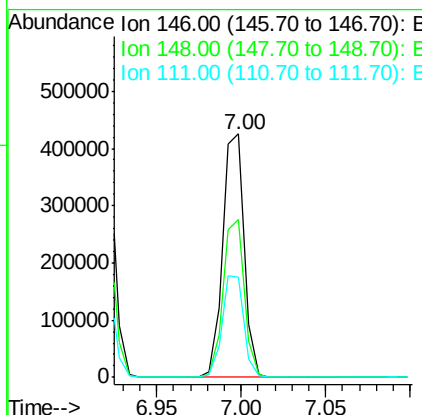
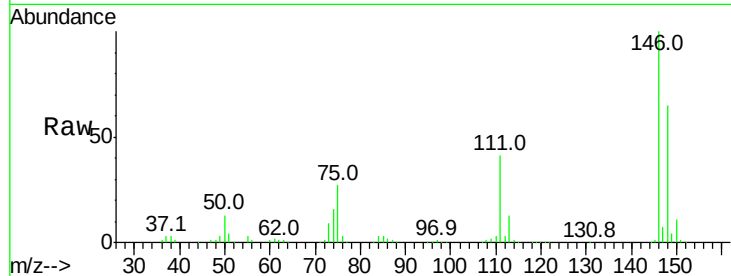




#13
 1,4-Dichlorobenzene
 Concen: 38.947 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

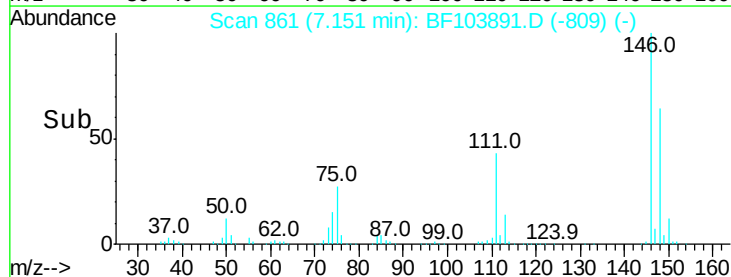
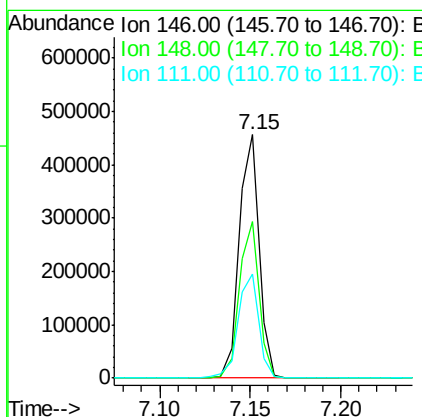
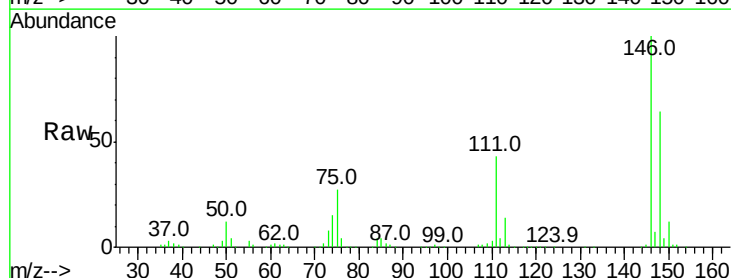
Instrument :
 BNA_F
 ClientSampled :

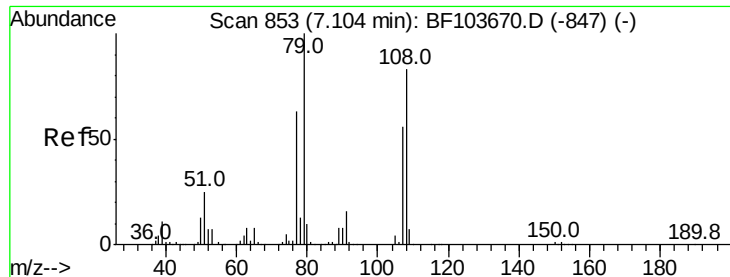
Tot Ion:146 Resp: 376863
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 41.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.763 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:146 Resp: 348054
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 75.8
 111 42.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.806 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

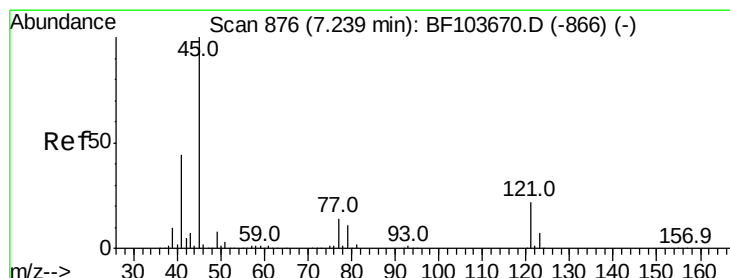
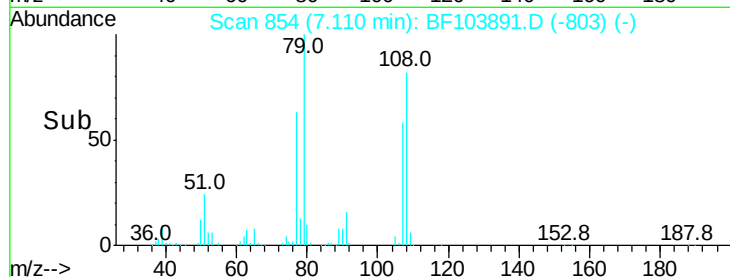
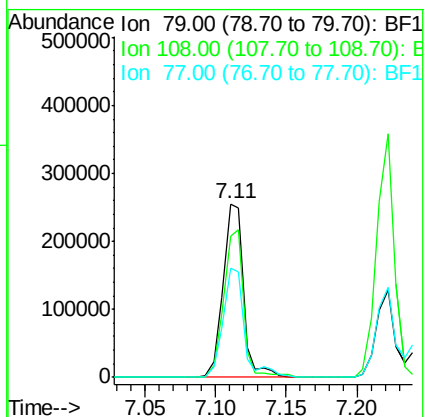
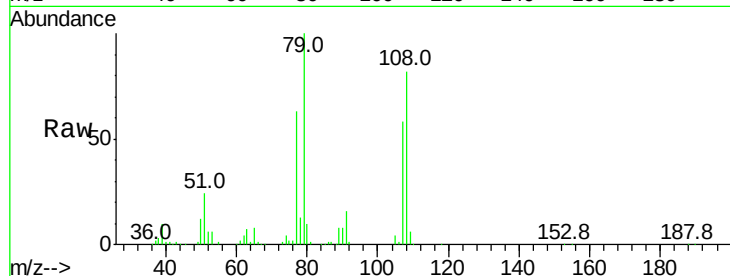
Tot Ion: 79 Resp: 258640

Ion Ratio Lower Upper

79 100

108 81.8 65.1 97.7

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.757 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

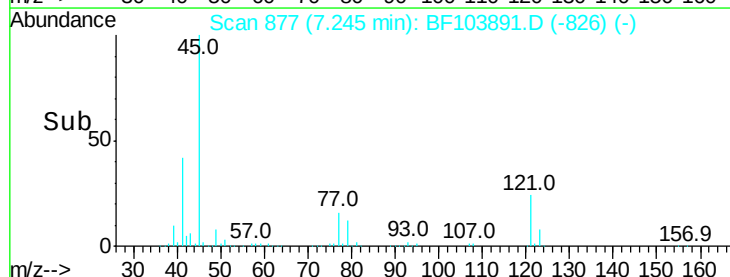
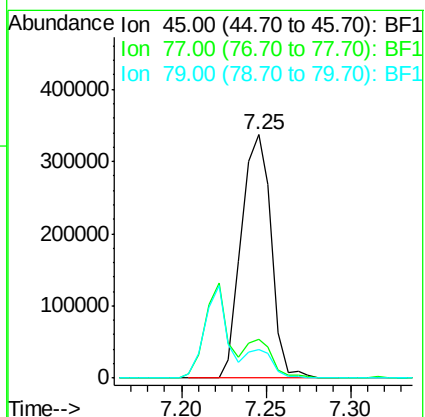
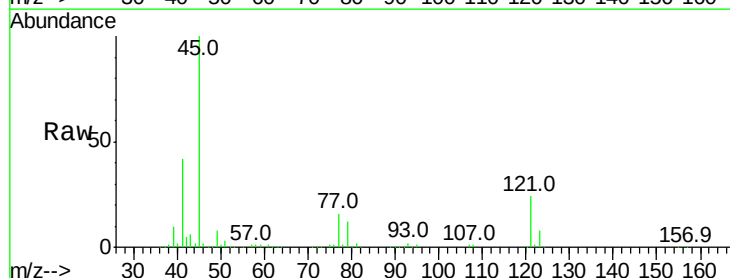
Tgt Ion: 45 Resp: 415877

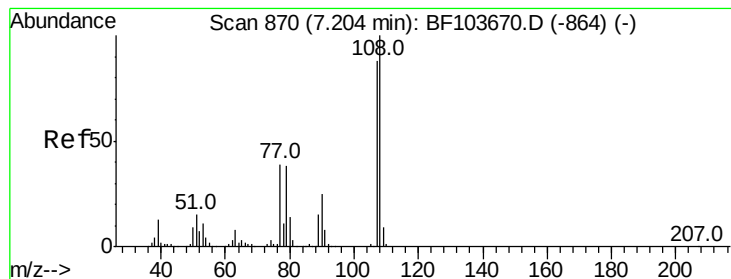
Ion Ratio Lower Upper

45 100

77 15.8 0.0 32.9

79 12.0 0.0 29.6

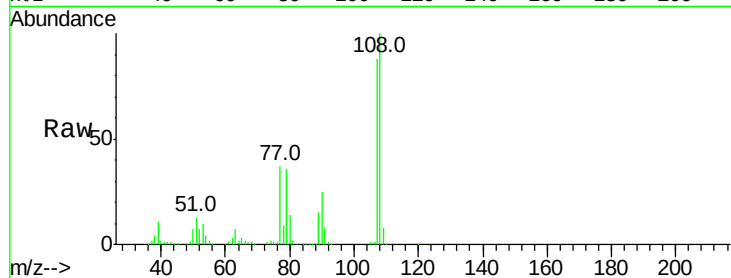




#17
2-Methylphenol
Concen: 36.914 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	41.6	33.8	50.8
79	40.7	33.8	50.8



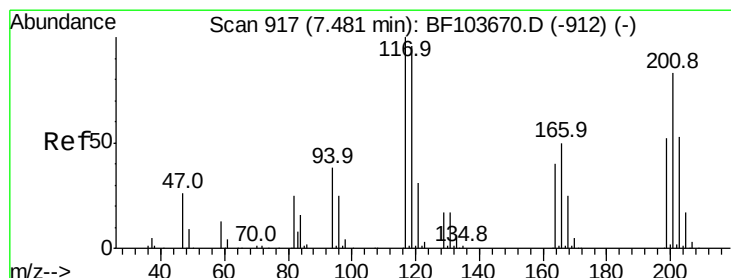
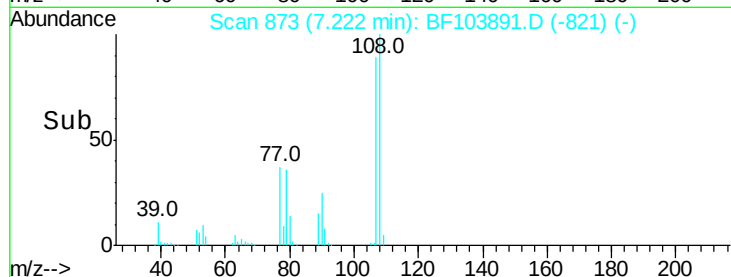
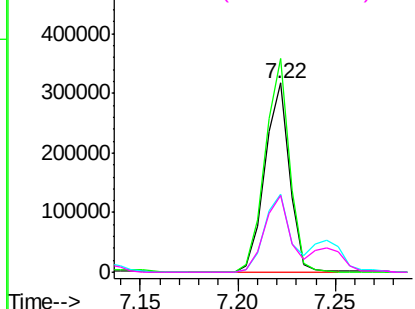
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

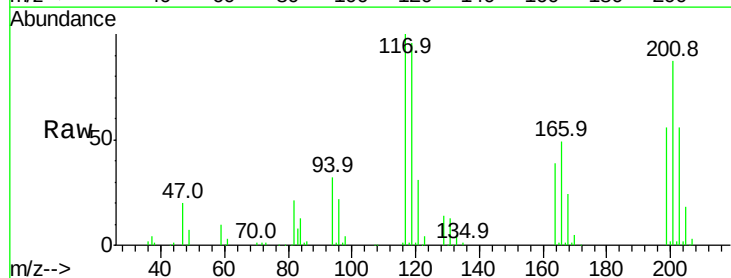
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 24.013 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	86.9	75.7	113.5

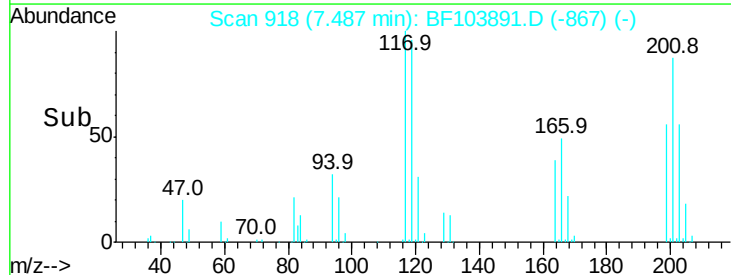
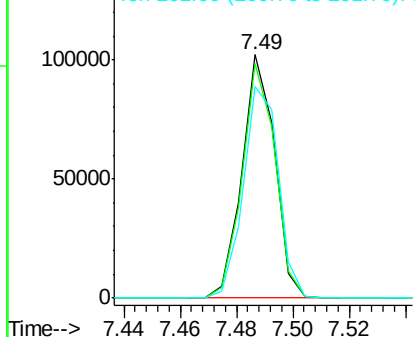


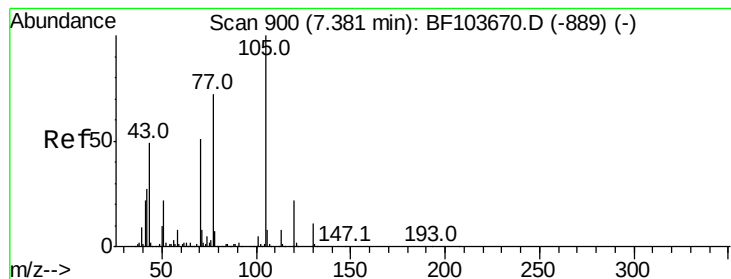
Abundance

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: 33.668 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 213054

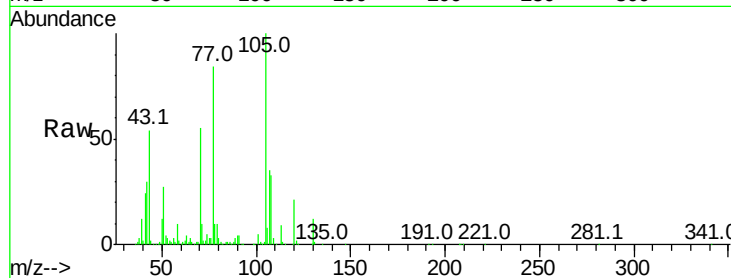
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 9.7 7.4 11.2

130 21.1 16.6 25.0

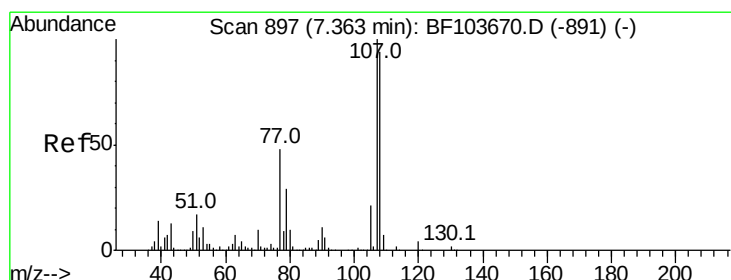
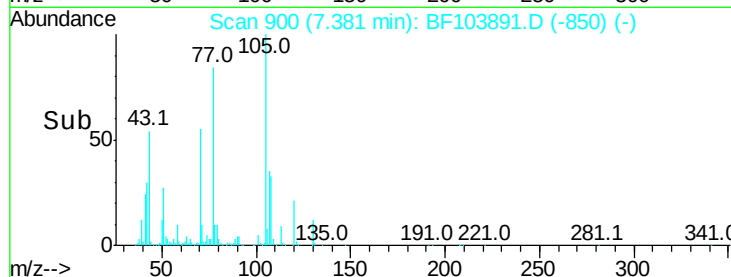
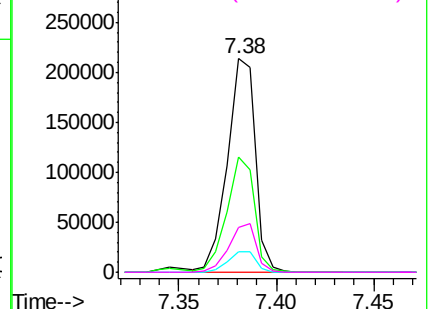


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 36.890 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Tgt Ion:107 Resp: 352484

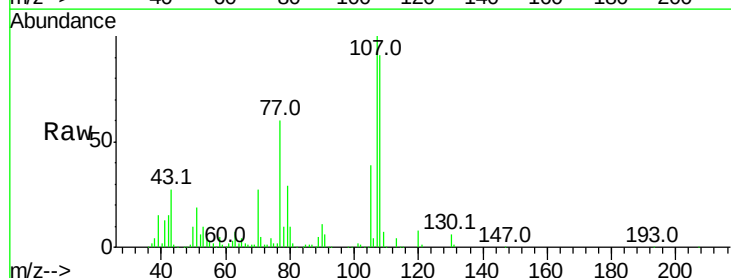
Ion Ratio Lower Upper

107 100

108 91.2 68.2 108.2

77 59.7 26.7 66.7

79 28.8 6.3 46.3

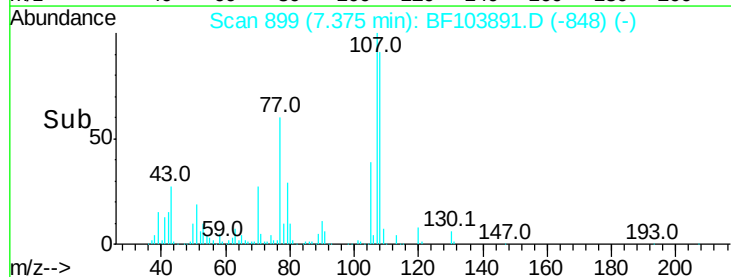
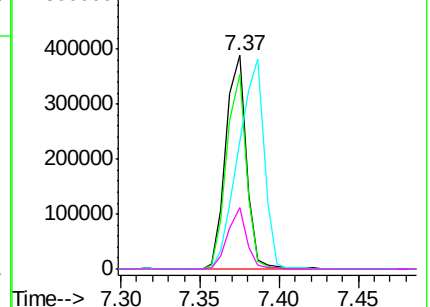


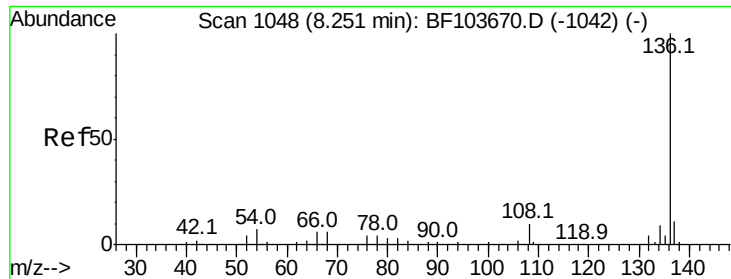
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

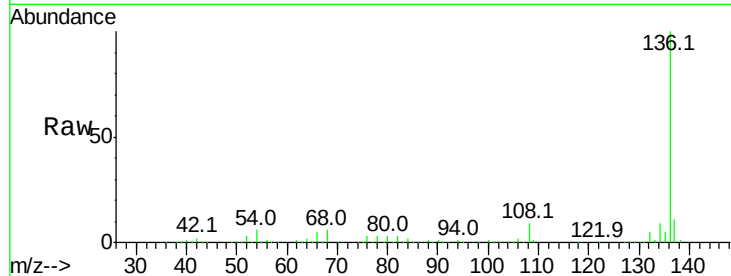




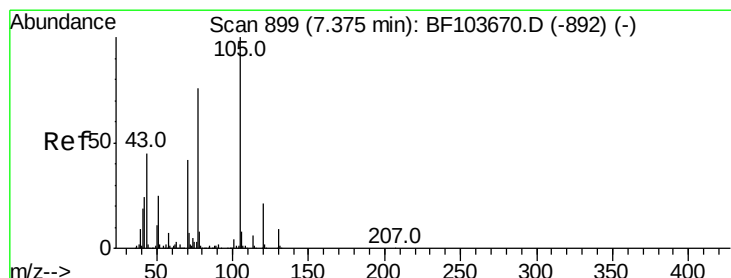
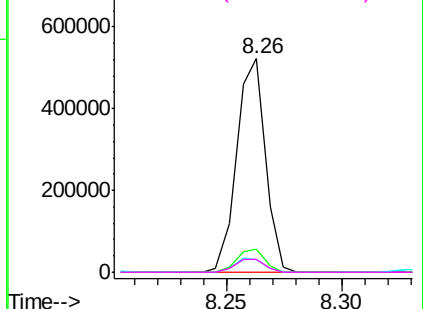
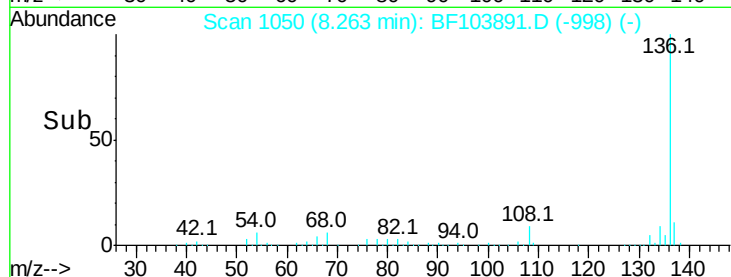
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	454123
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.2	6.6 9.8#
68	5.8	5.0 7.4

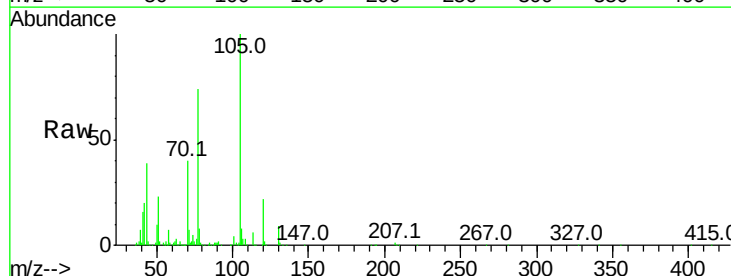


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

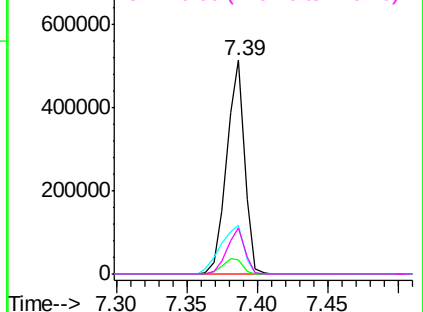
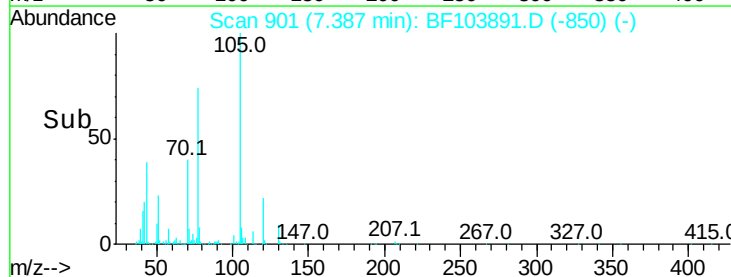


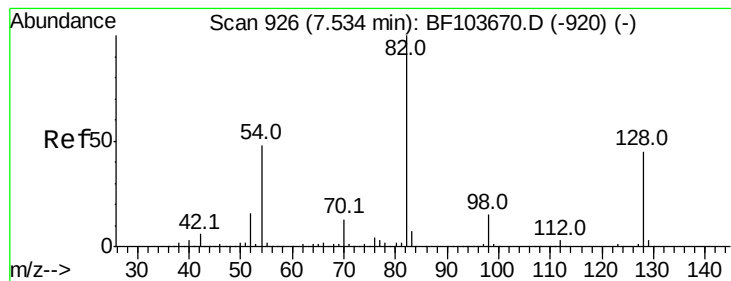
#22
Acetophenone
Concen: 38.819 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:105	Resp:	453067
Ion Ratio	Lower	Upper
105	100	
71	6.5	4.4 6.6
51	22.9	22.3 33.5
120	21.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 95.093 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

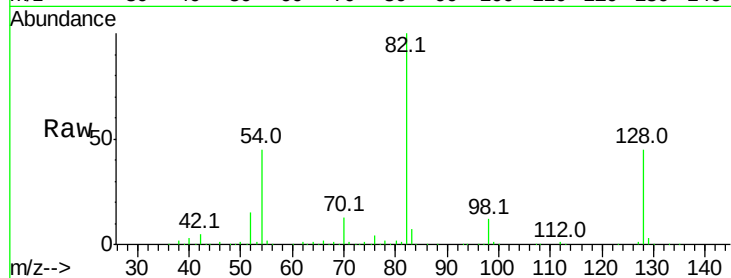
Tot Ion: 82 Resp: 619249

Ion Ratio Lower Upper

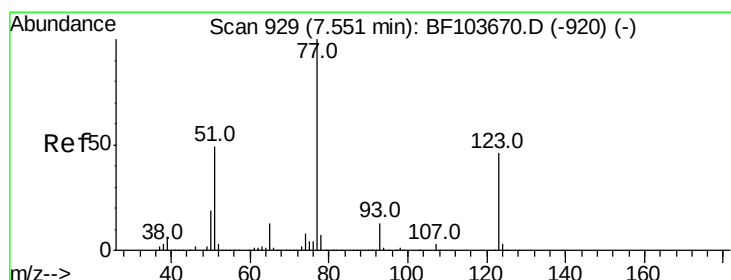
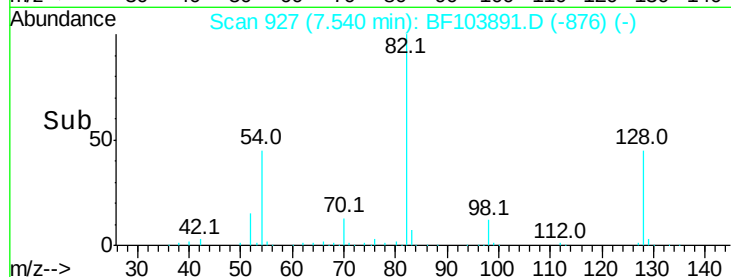
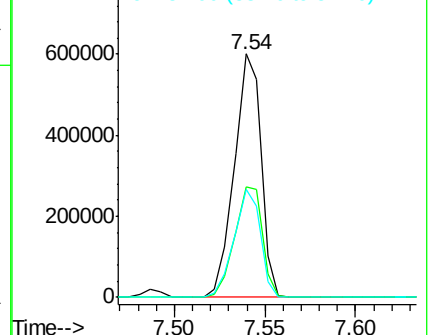
82 100

128 45.2 36.1 54.1

54 44.5 41.4 62.2



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



#24

Nitrobenzene

Concen: 42.443 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

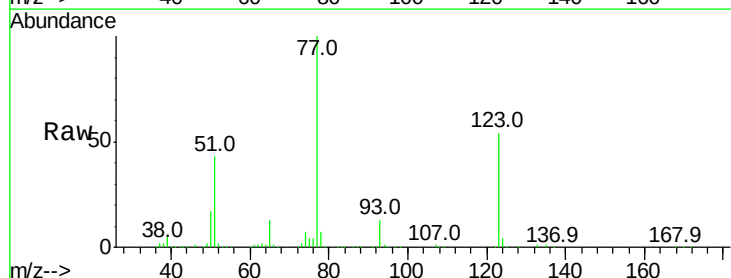
Tgt Ion: 77 Resp: 324482

Ion Ratio Lower Upper

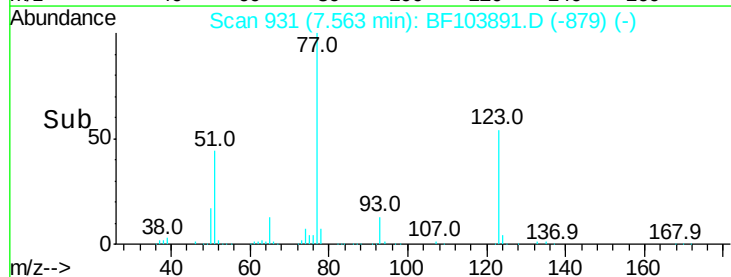
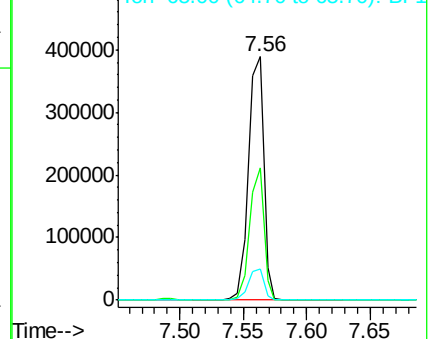
77 100

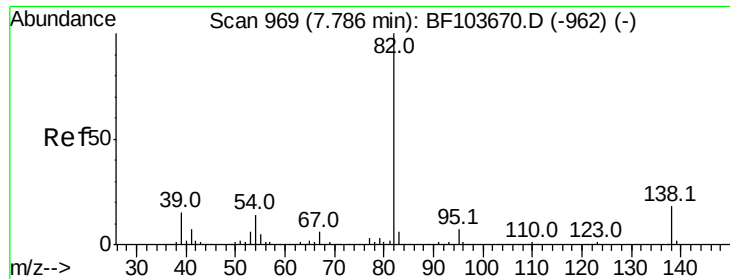
123 54.4 37.9 56.9

65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 36.417 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

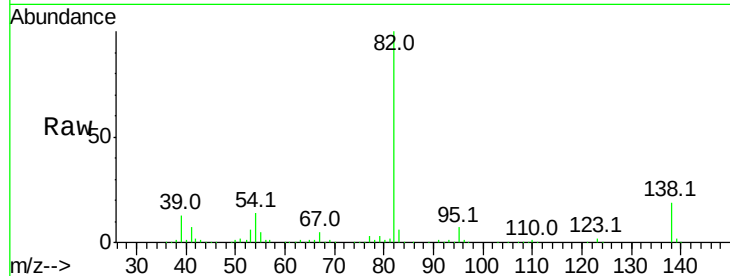
Tot Ion: 82 Resp: 548981

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

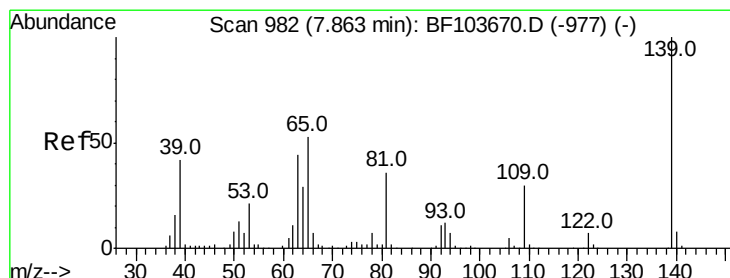
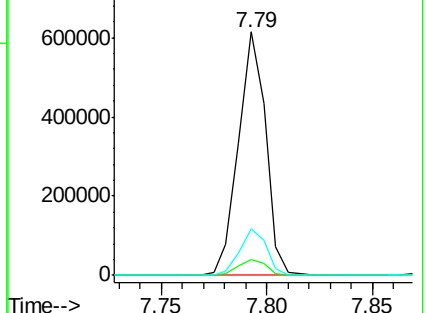
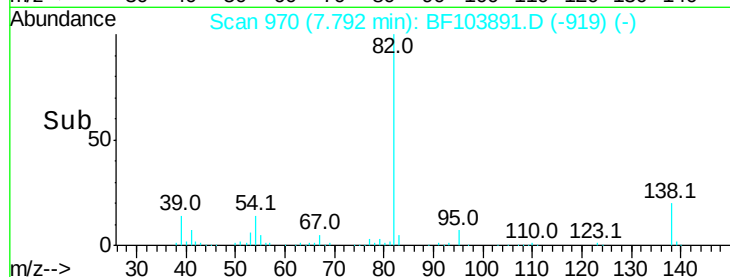
138 19.1 14.9 22.3



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: 37.480 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

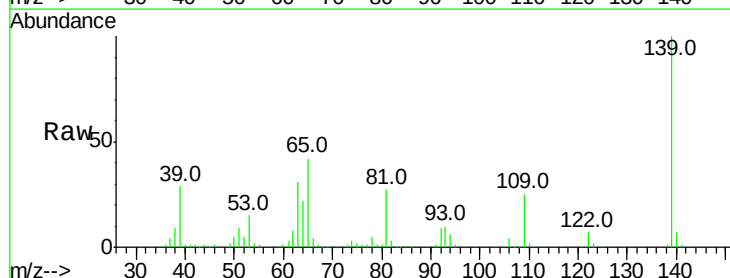
Tgt Ion: 139 Resp: 101522

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

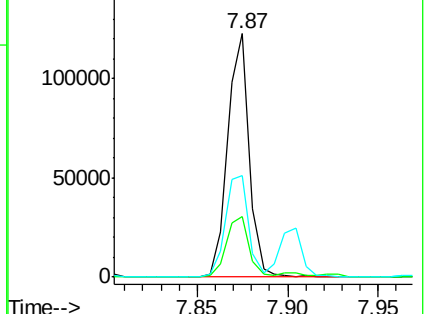
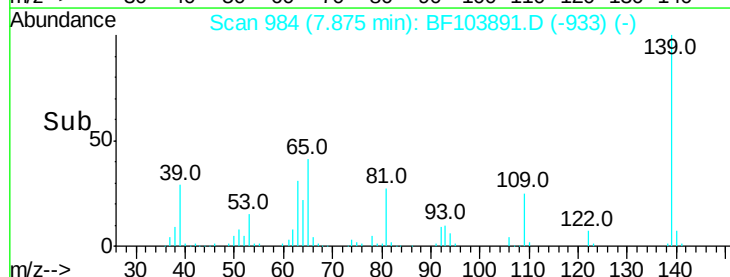
65 41.8 40.5 60.7

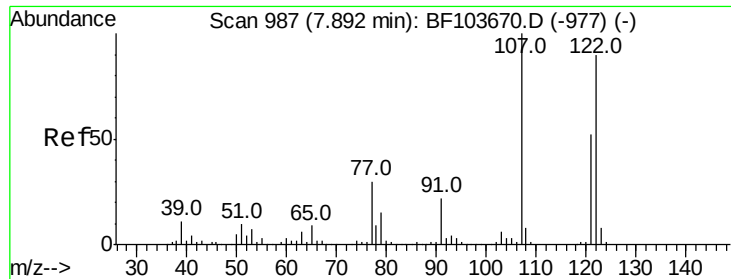


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

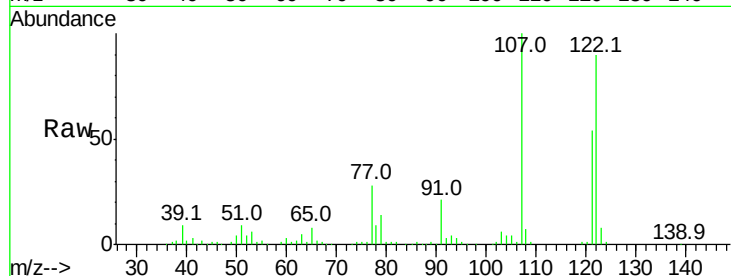




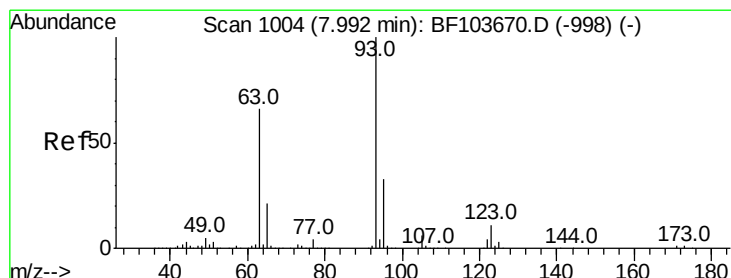
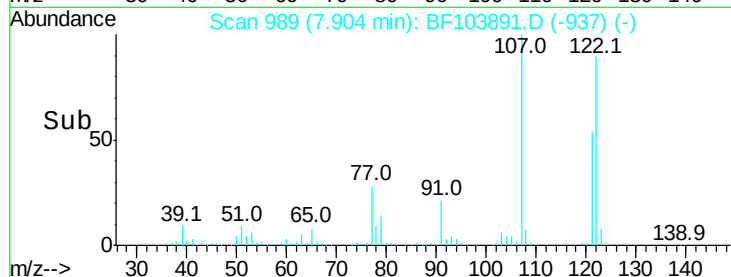
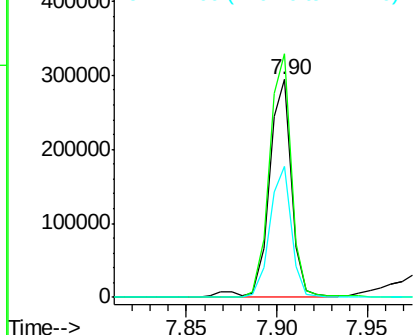
#27
 2,4-Dimethylphenol
 Concen: 39.101 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 252519
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 59.9 47.2 70.8

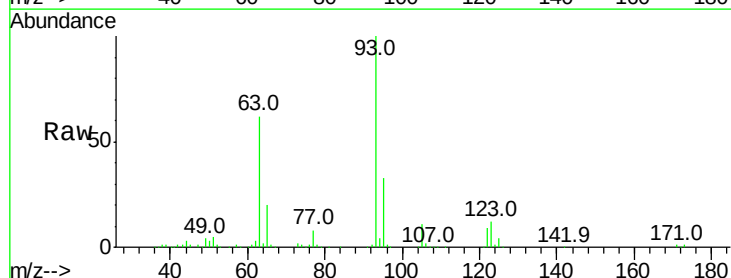


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

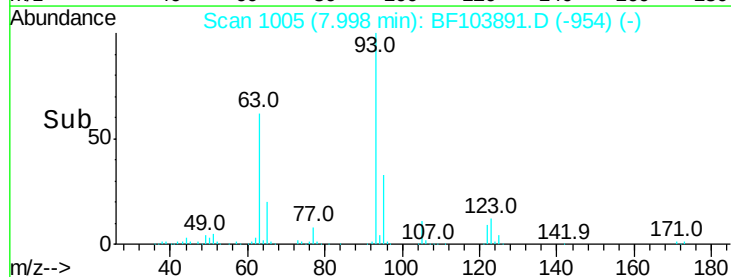
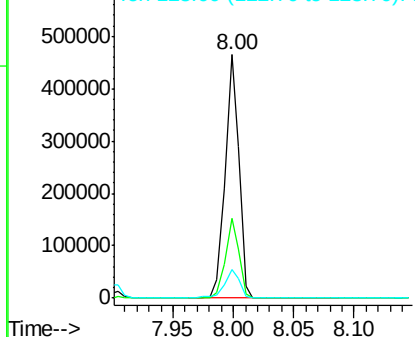


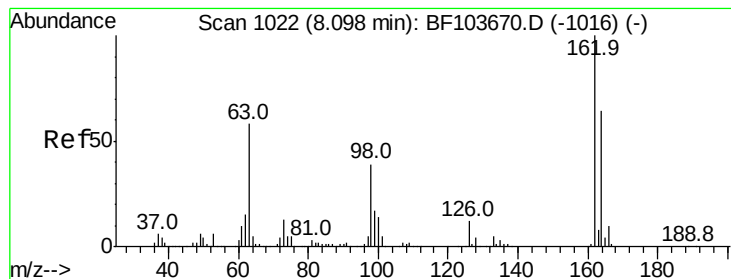
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.850 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion: 93 Resp: 363771
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.8 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 40.225 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

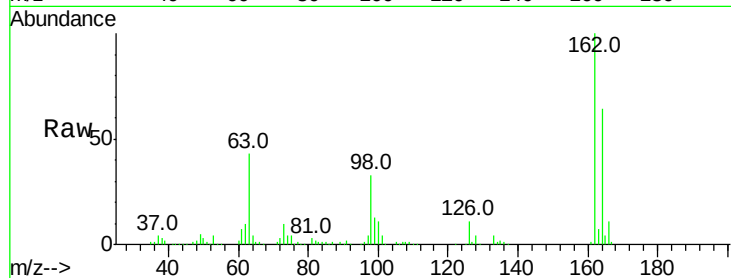
Tot Ion:162 Resp: 236340

Ion Ratio Lower Upper

162 100

164 64.1 42.7 82.7

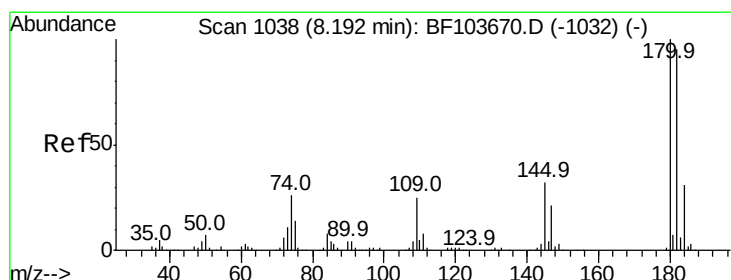
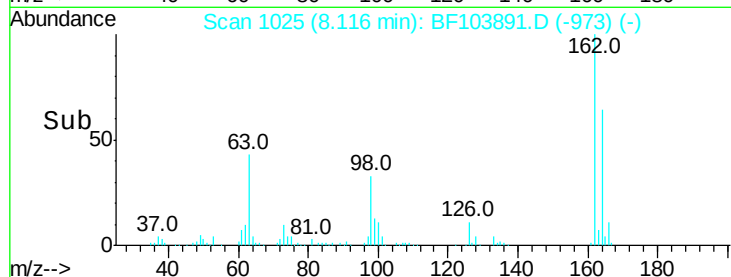
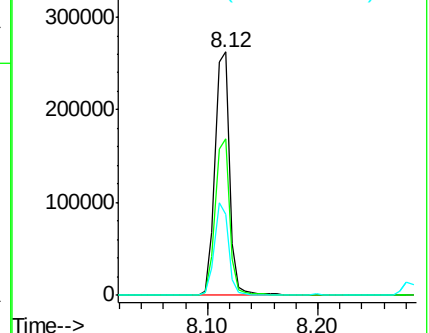
98 33.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.951 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

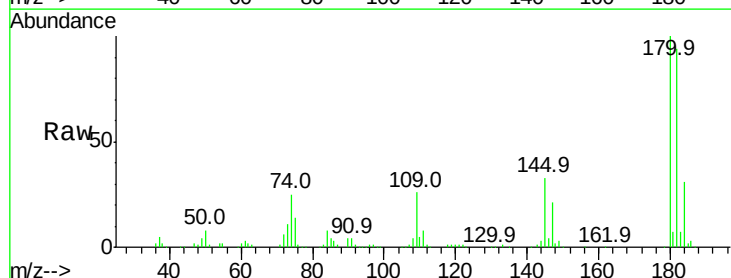
Tgt Ion:180 Resp: 272256

Ion Ratio Lower Upper

180 100

182 94.3 76.8 115.2

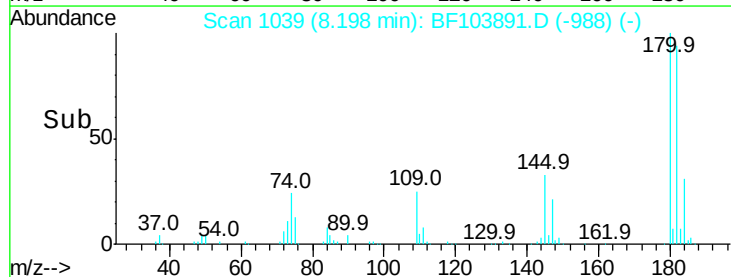
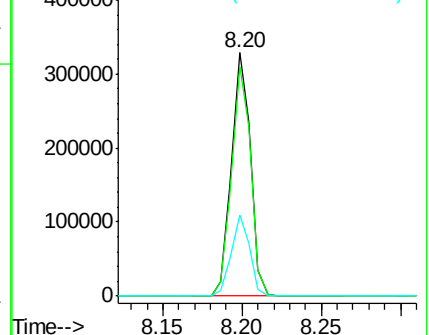
145 33.1 26.5 39.7

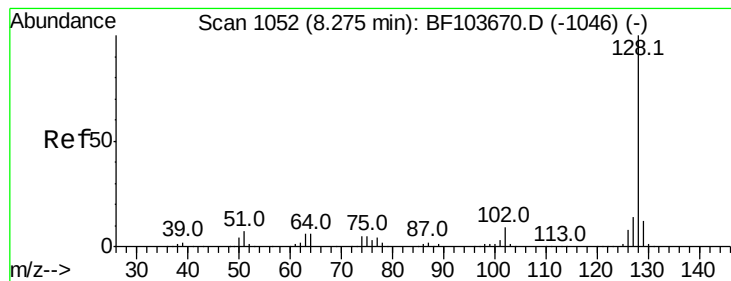


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.121 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampled :

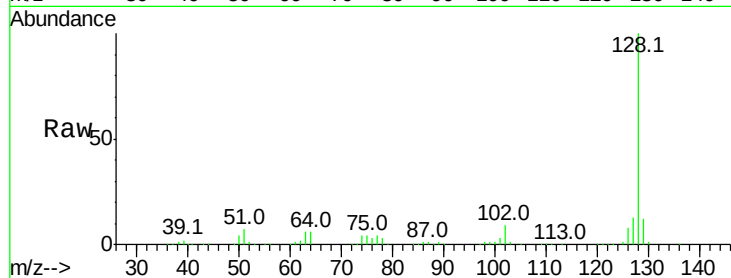
Tot Ion:128 Resp: 874502

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

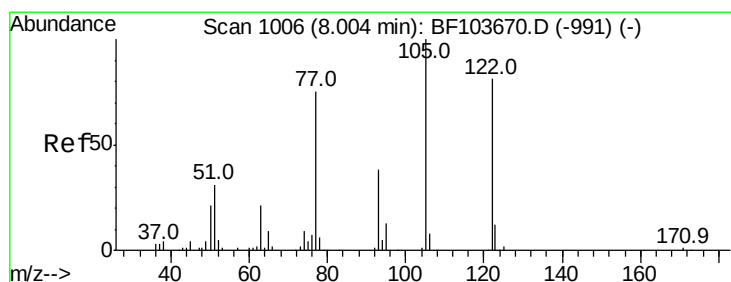
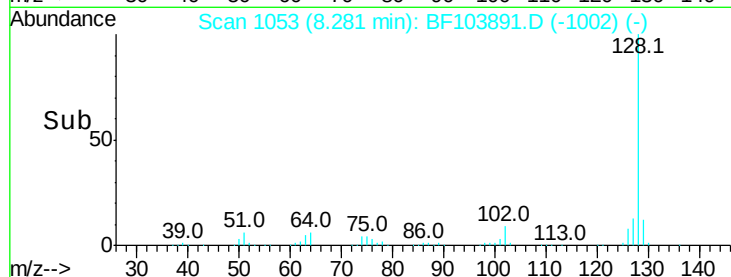
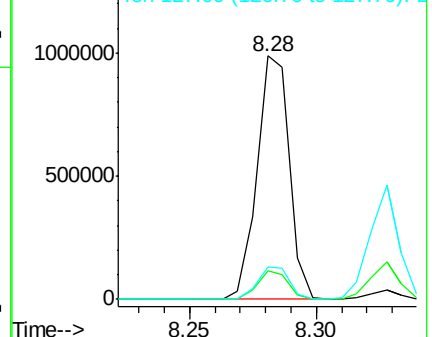
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.146 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

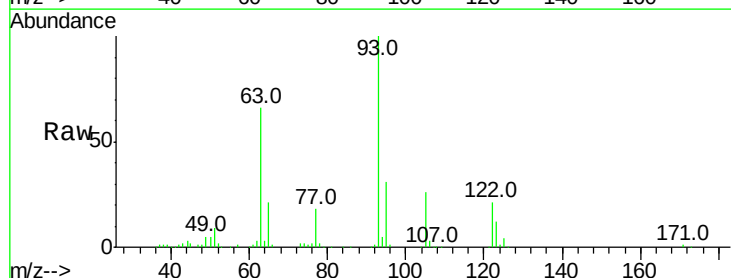
Tgt Ion:122 Resp: 93248

Ion Ratio Lower Upper

122 100

105 124.6 101.1 141.1

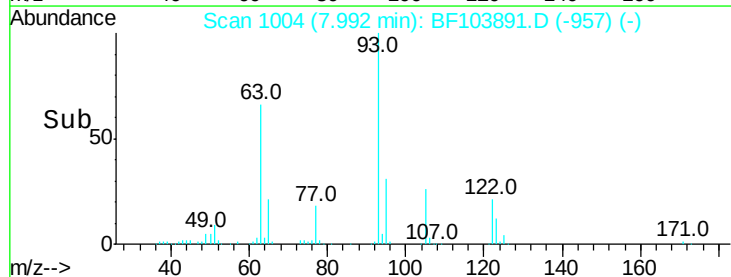
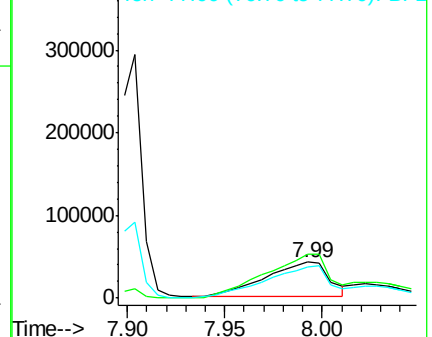
77 86.7 70.7 110.7

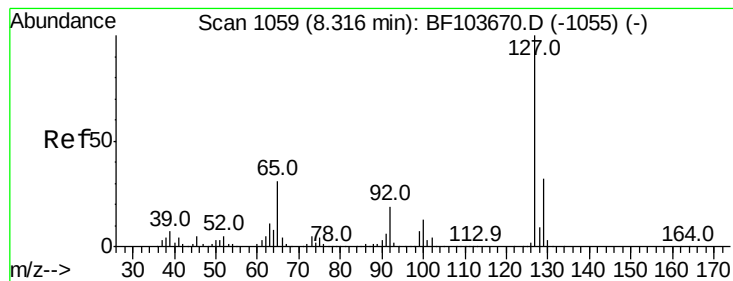


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.809 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 373498

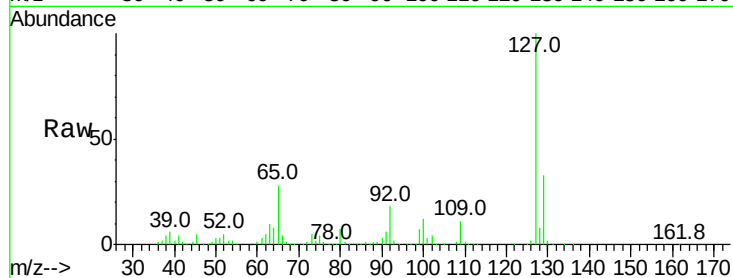
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.8 25.0 37.4

92 18.2 15.2 22.8

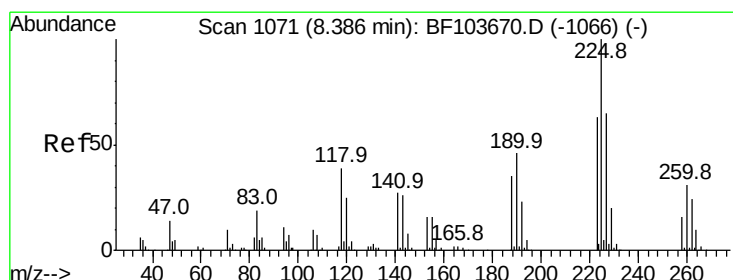
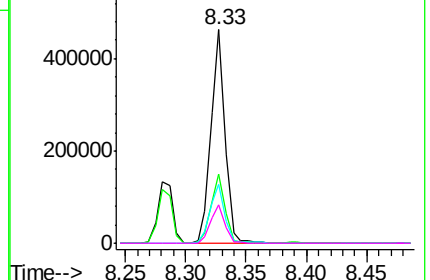
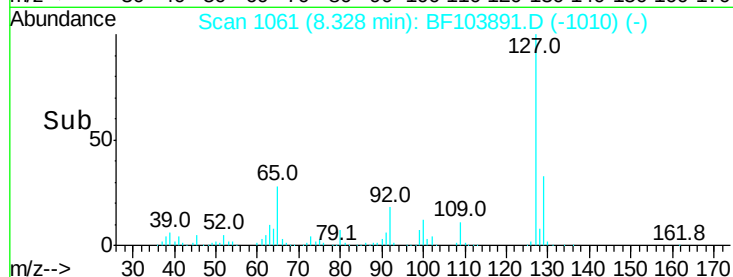


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.860 ng

RT: 8.39 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

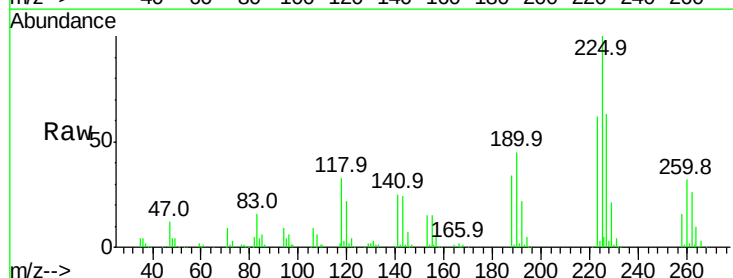
Tgt Ion:225 Resp: 152665

Ion Ratio Lower Upper

225 100

223 62.4 50.6 76.0

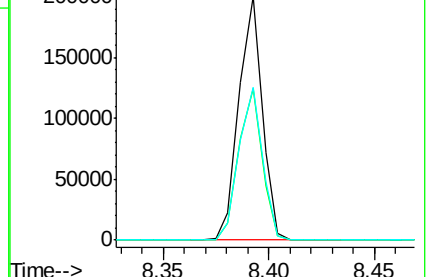
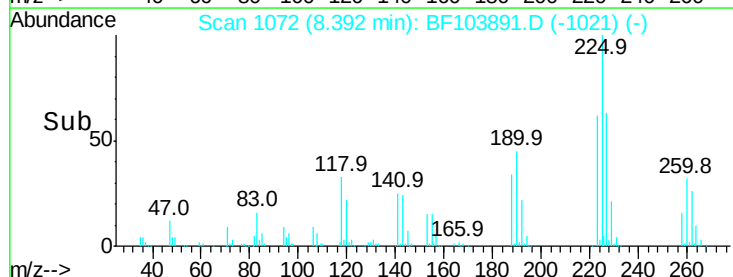
227 63.0 51.9 77.9

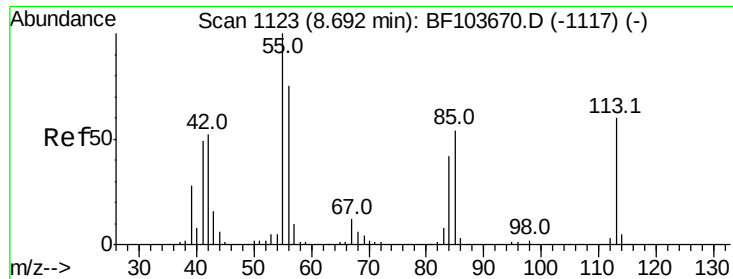


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

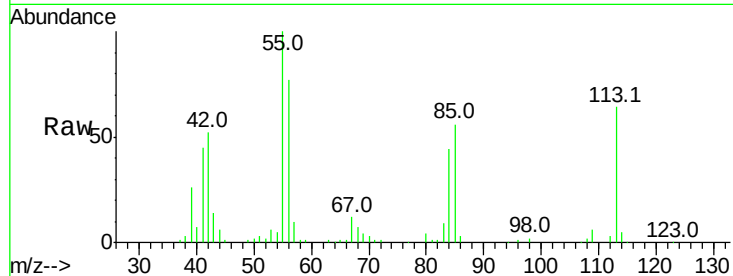




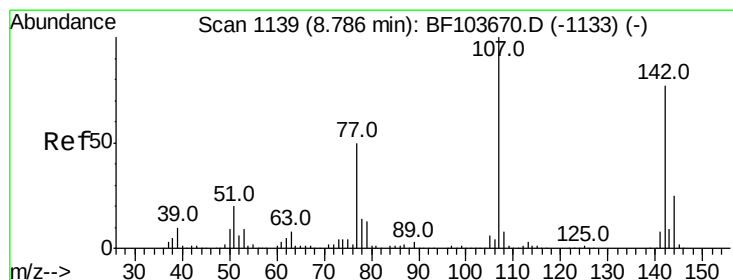
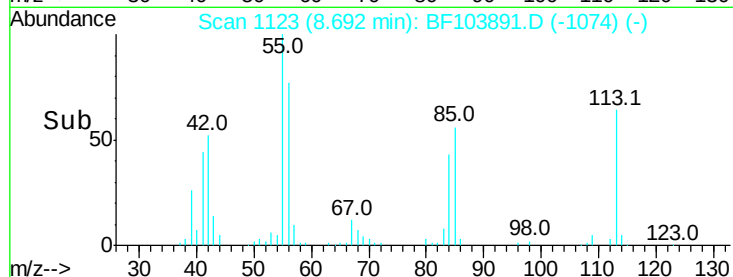
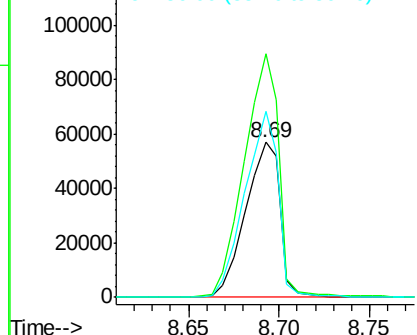
#35
 Caprolactam
 Concen: 37.137 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 75136
 Ion Ratio Lower Upper
 113 100
 55 157.1 163.3 203.3#
 56 120.3 115.7 155.7

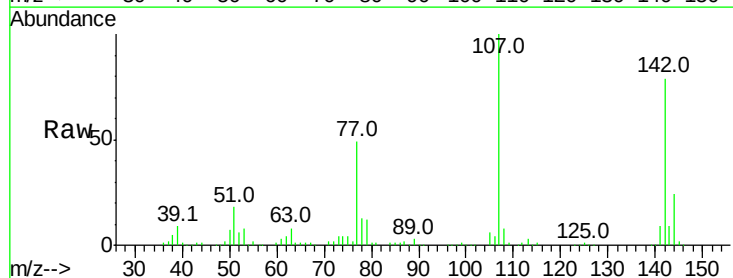


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

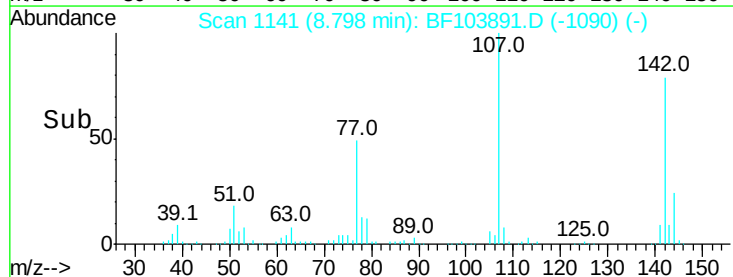
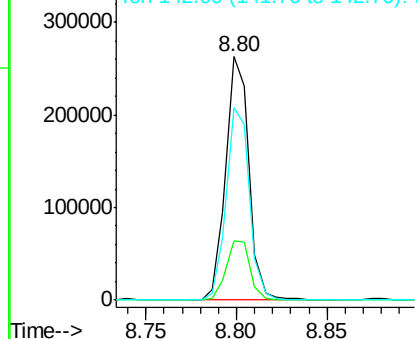


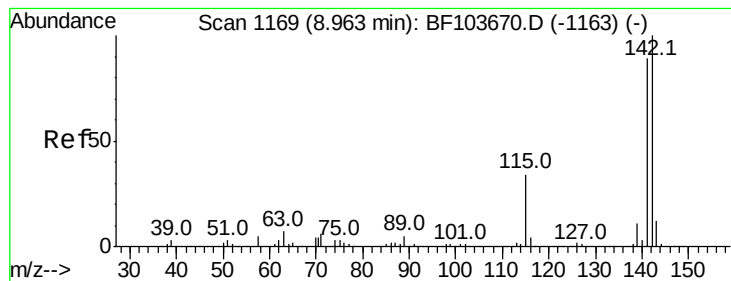
#36
 4-Chloro-3-methylphenol
 Concen: 36.348 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:107 Resp: 235434
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.5 30.7
 142 79.2 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

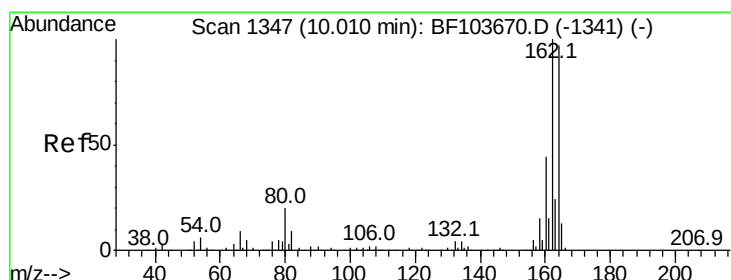
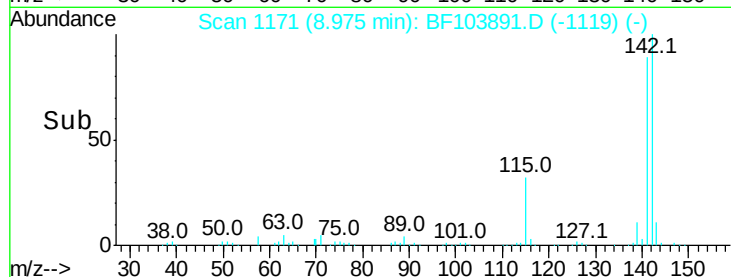
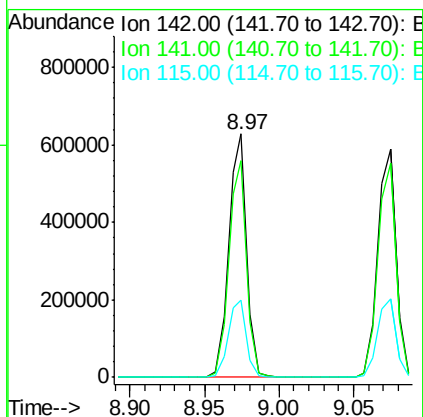
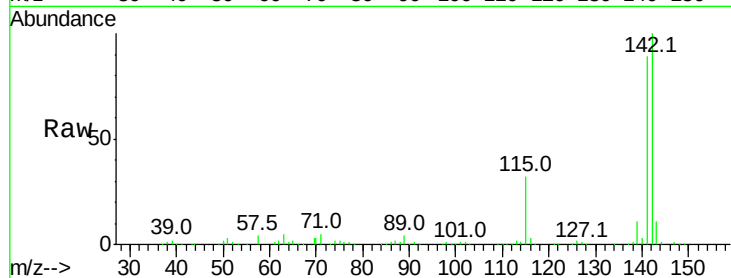




#37
 2-Methylnaphthalene
 Concen: 36.760 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

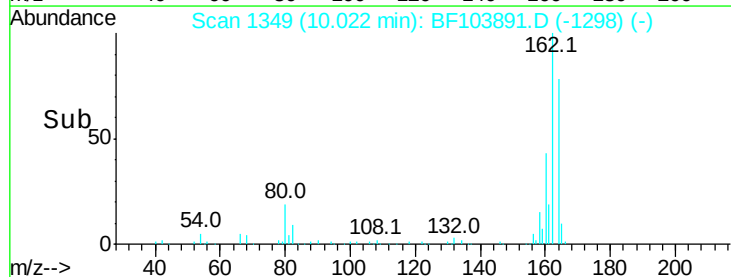
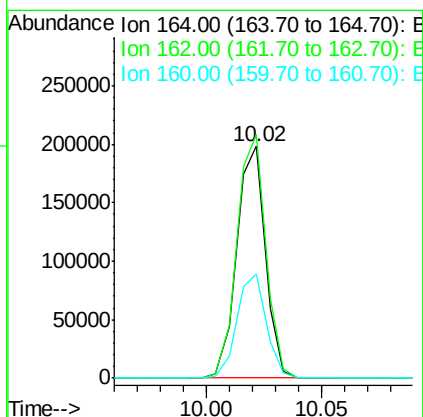
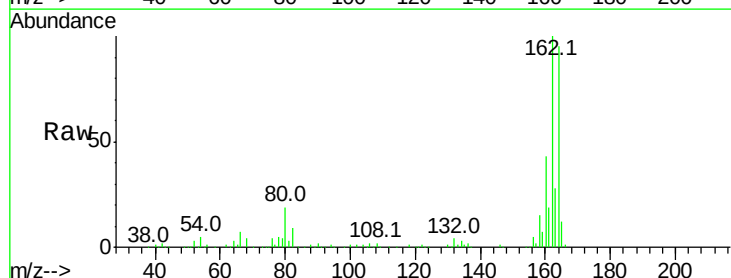
Instrument :
 BNA_F
 ClientSampleId :

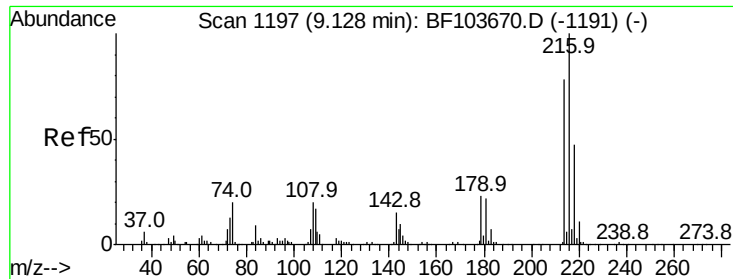
Tot Ion:142 Resp: 534764
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 32.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:164 Resp: 171791
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 45.0 38.3 57.5

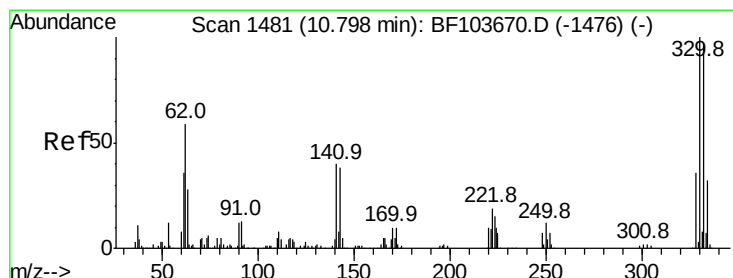
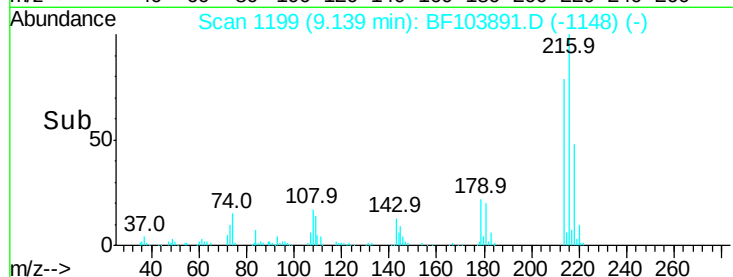
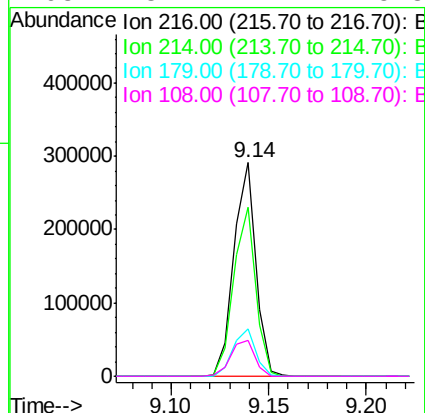
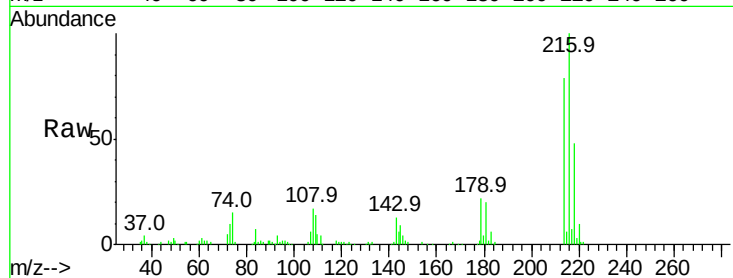




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.680 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

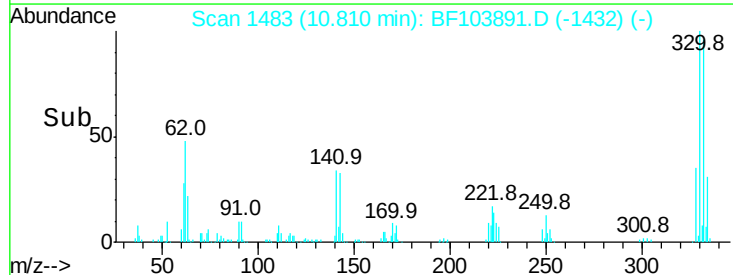
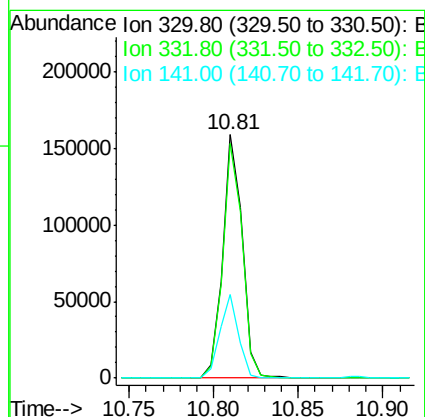
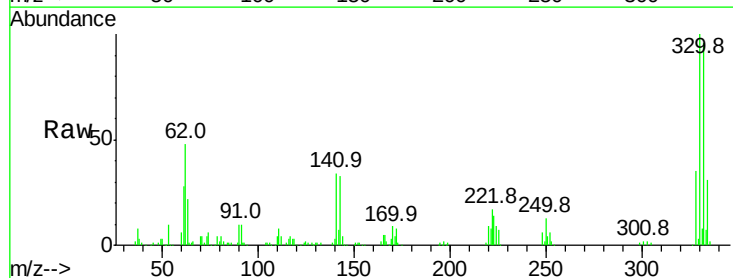
Instrument :
 BNA_F
 ClientSampleId :

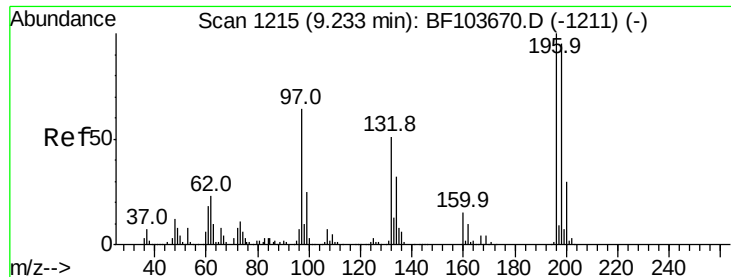
Tot Ion:	216	Resp:	228777
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.7	18.1	27.1
108	18.2	17.2	25.8



#41
 2,4,6-Tribromophenol
 Concen: 87.123 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:	330	Resp:	128687
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	33.3	29.9	44.9

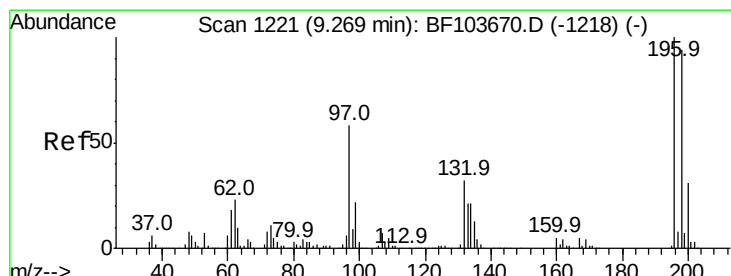
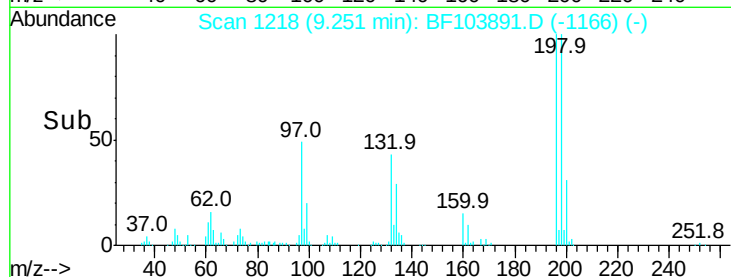
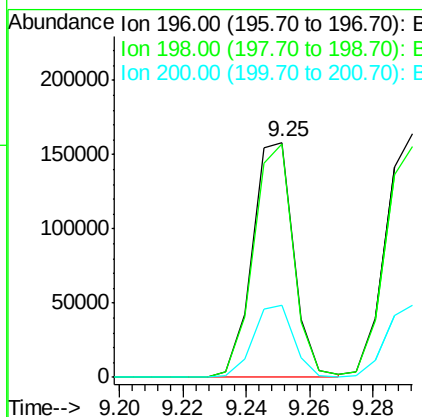
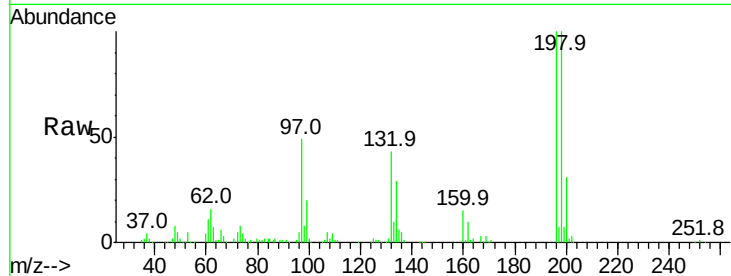




#42
 2,4,6-Trichlorophenol
 Concen: 45.564 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

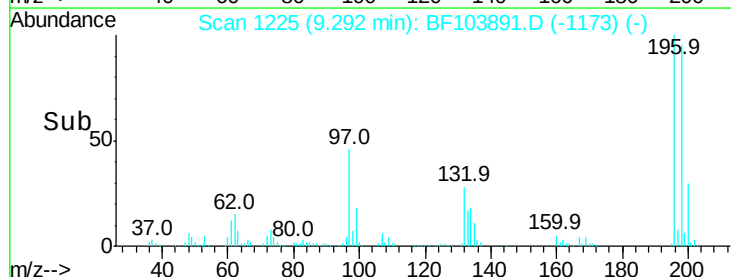
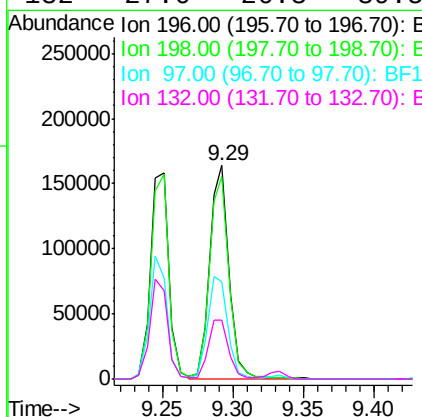
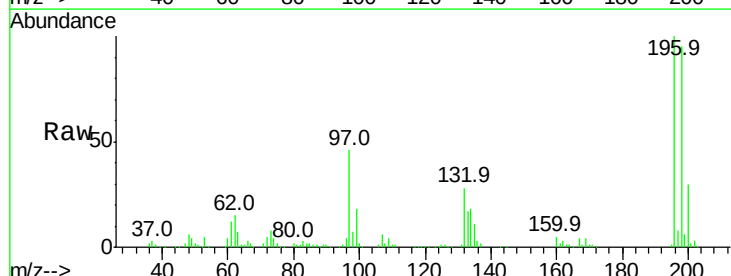
Instrument :
 BNA_F
 ClientSampleId :

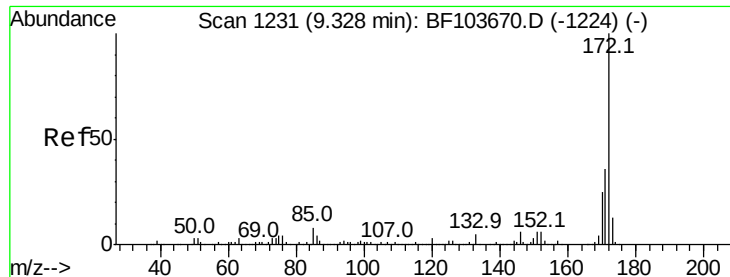
Tot Ion:	196	Resp:	142836
Ion	Ratio	Lower	Upper
196	100		
198	99.7	75.7	113.5
200	30.7	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 43.866 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:	196	Resp:	155206
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	45.6	42.9	64.3
132	27.6	26.3	39.5

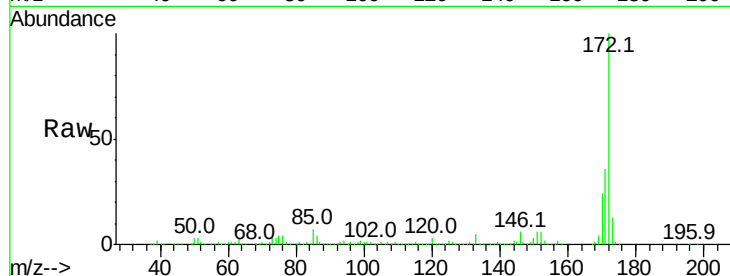




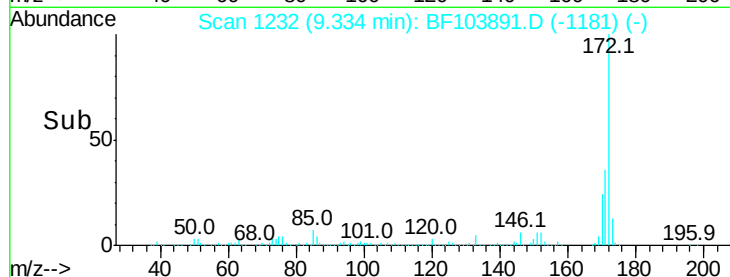
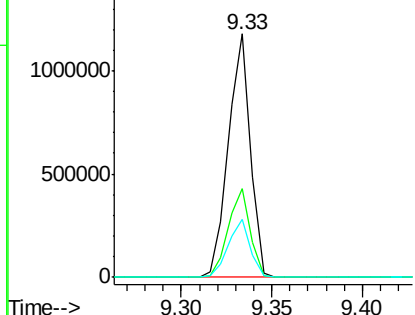
#44
2-Fluorobiphenyl
Concen: 92.628 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 997561
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.7 19.6 29.4

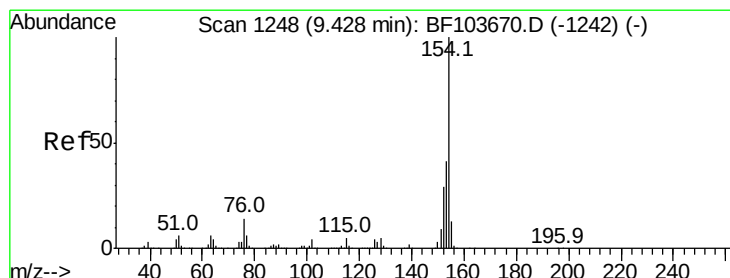


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

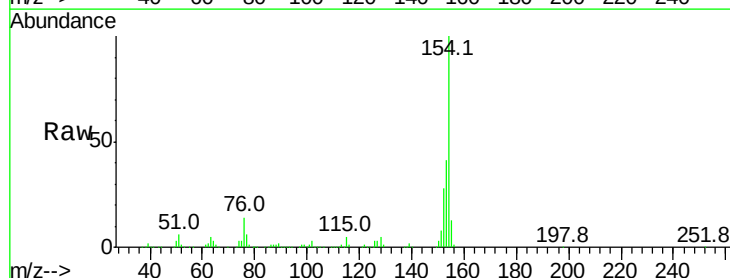
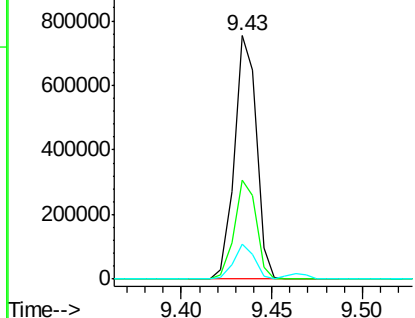


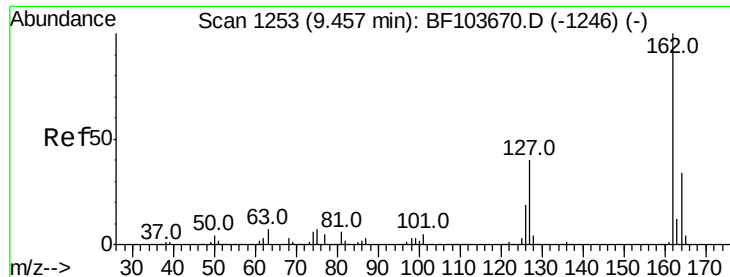
#45
1,1'-Biphenyl
Concen: 44.597 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:154 Resp: 638840
Ion Ratio Lower Upper
154 100
153 40.7 21.3 61.3
76 14.1 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

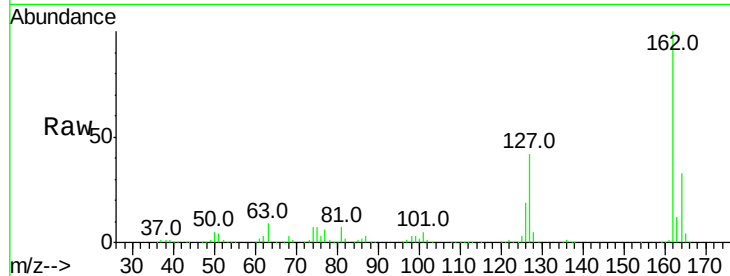




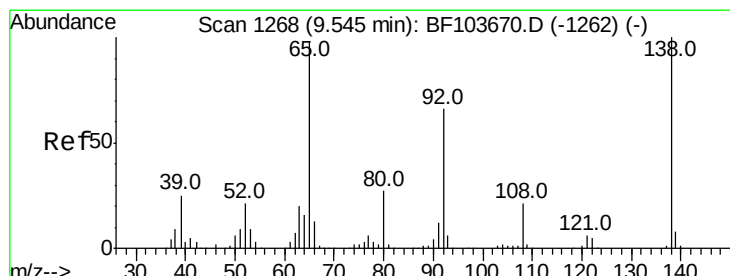
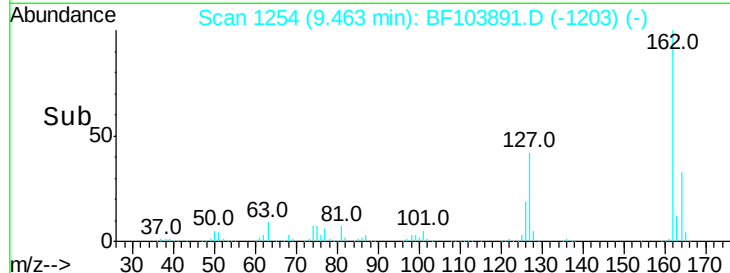
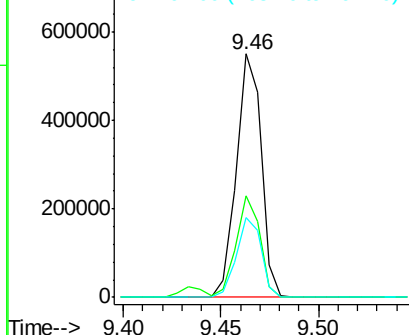
#46
 2-Chloronaphthalene
 Concen: 42.686 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 485670
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 33.0 26.5 39.7

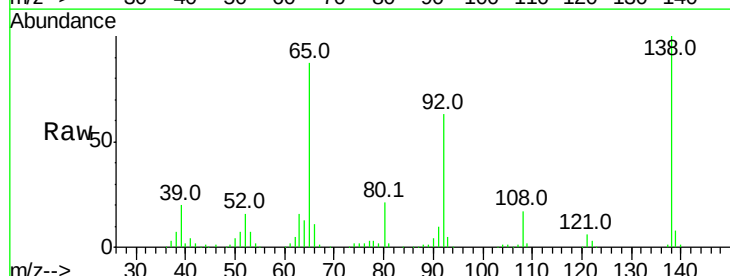


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

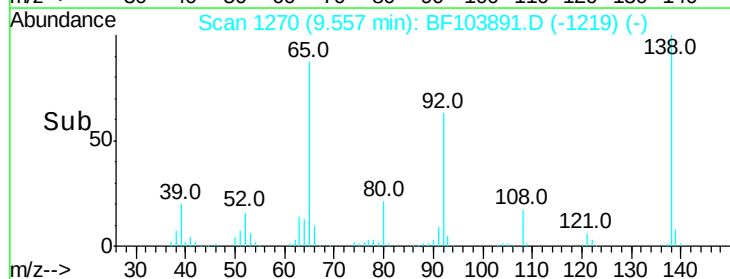
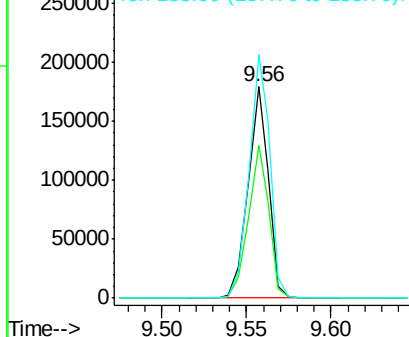


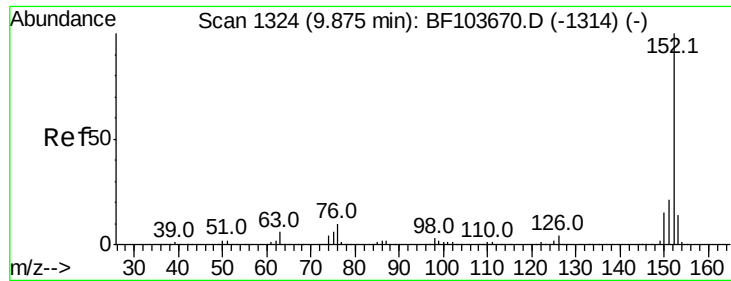
#47
 2-Nitroaniline
 Concen: 50.468 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion: 65 Resp: 151427
 Ion Ratio Lower Upper
 65 100
 92 72.1 55.8 83.6
 138 115.4 91.2 136.8



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





#48

Acenaphthylene

Concen: 39.582 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

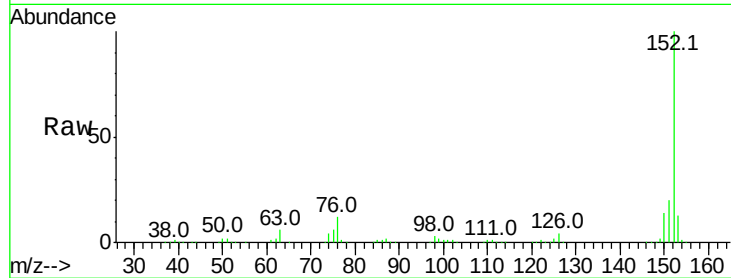
Tot Ion:152 Resp: 698346

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

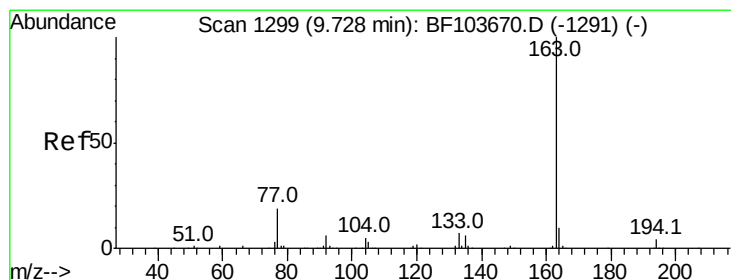
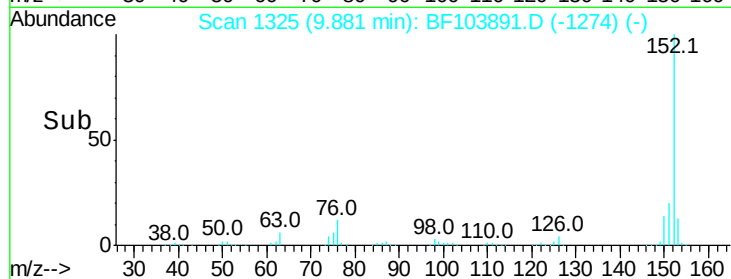
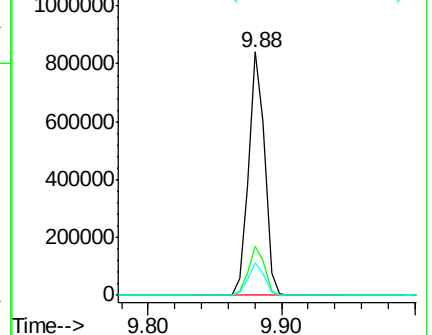
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.107 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

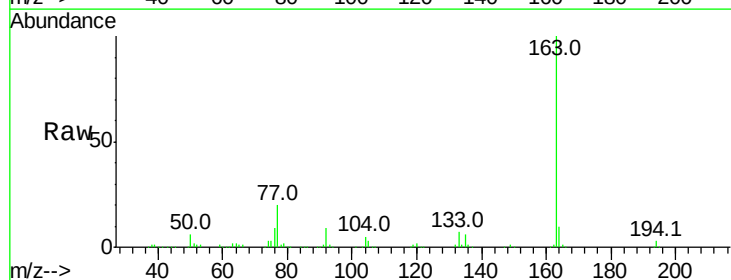
Tgt Ion:163 Resp: 591210

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

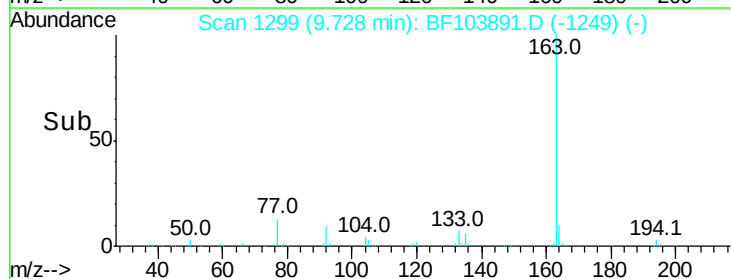
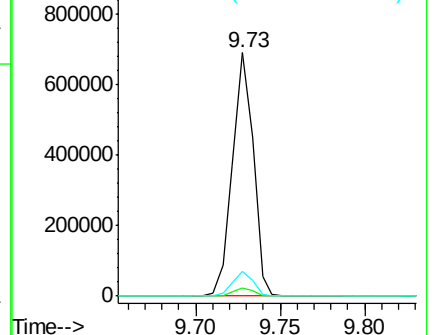
164 10.1 8.2 12.2

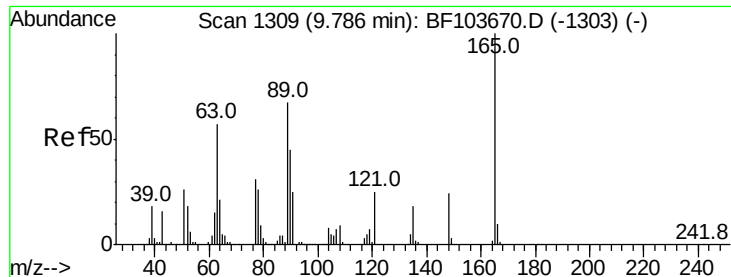


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

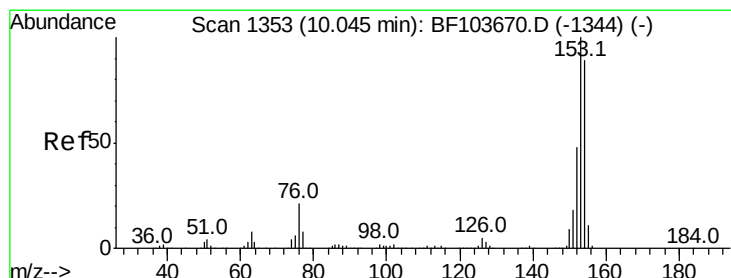
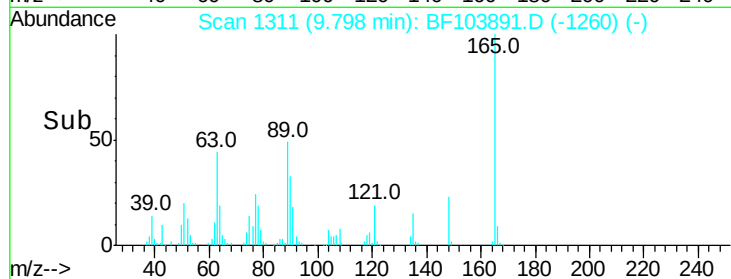
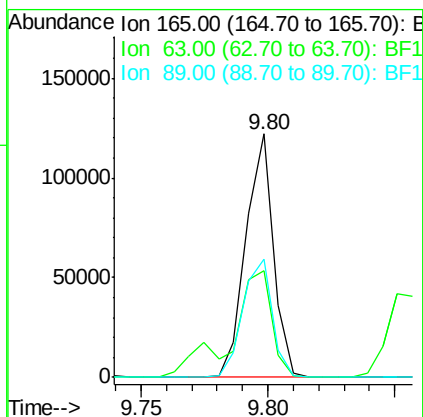
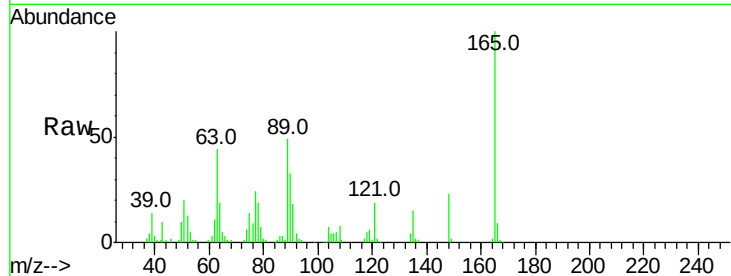




#50
2,6-Dinitrotoluene
Concen: 37.337 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

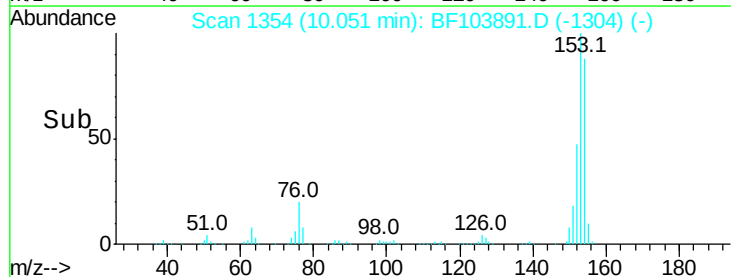
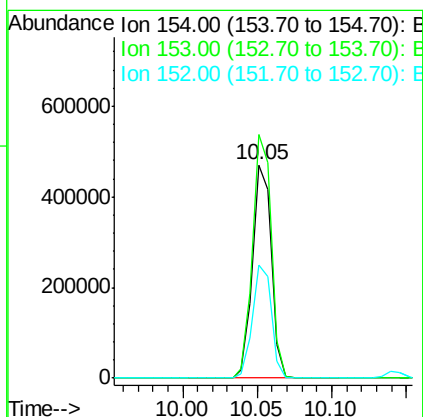
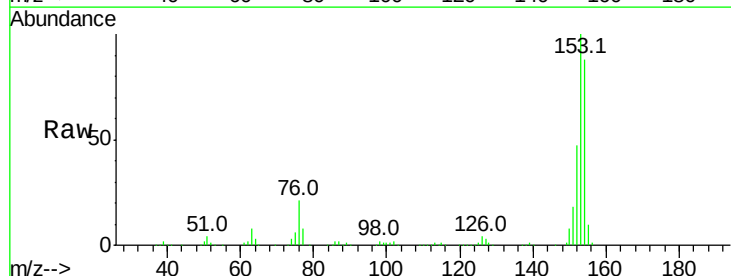
Instrument :
BNA_F
ClientSampleId :

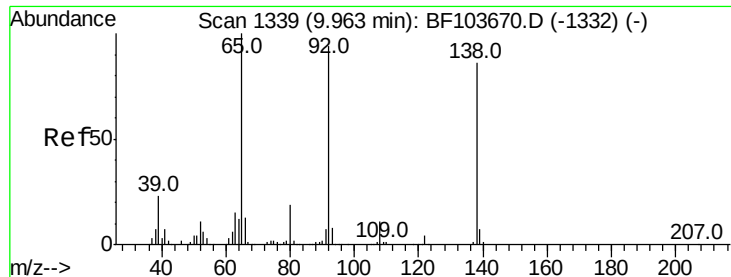
Tot Ion:165 Resp: 92218
Ion Ratio Lower Upper
165 100
63 43.9 44.7 67.1#
89 48.6 44.0 66.0



#51
Acenaphthene
Concen: 38.814 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:154 Resp: 406619
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 53.2 43.8 65.8





#52

3-Nitroaniline

Concen: 51.008 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

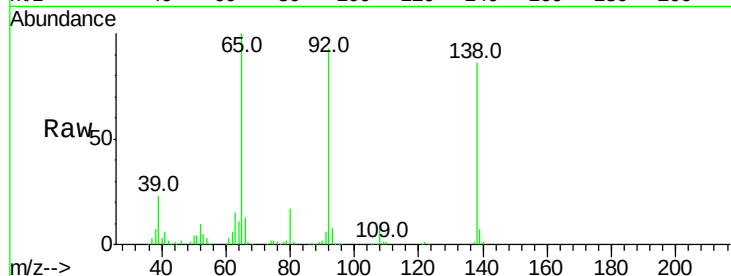
Tot Ion:138 Resp: 155786

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

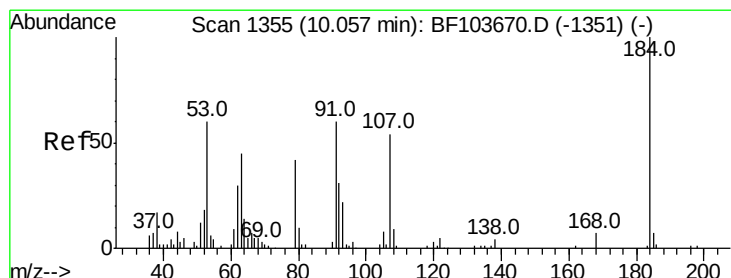
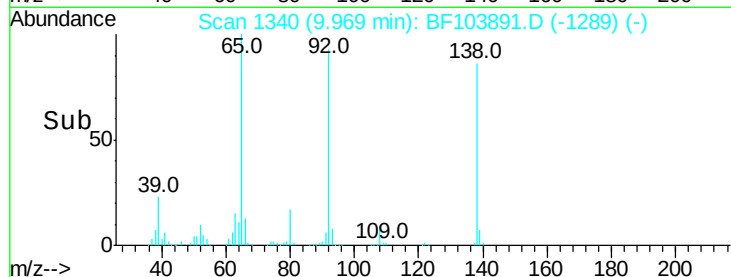
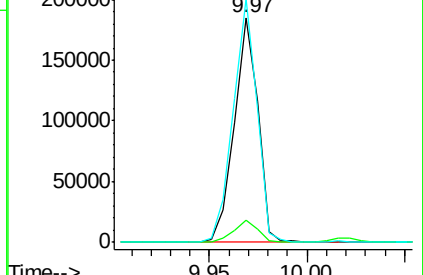
92 108.4 89.4 134.2



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: 7.184 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

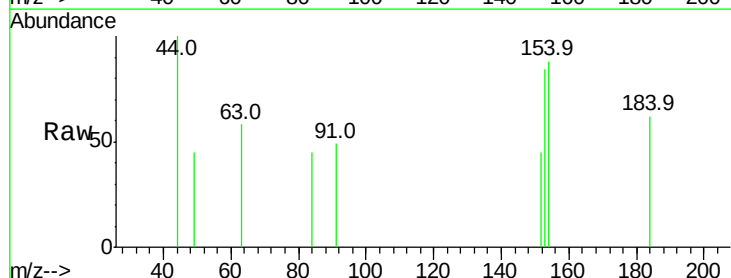
Tgt Ion:184 Resp: 293

Ion Ratio Lower Upper

184 100

63 93.6 54.2 81.2#

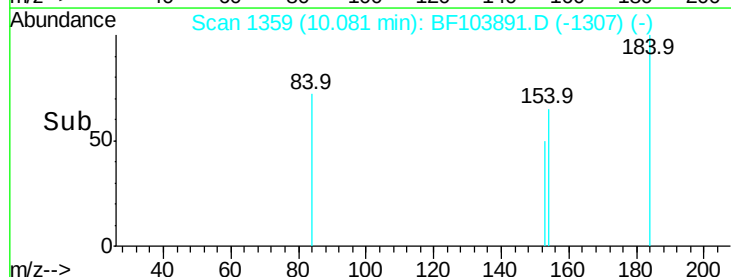
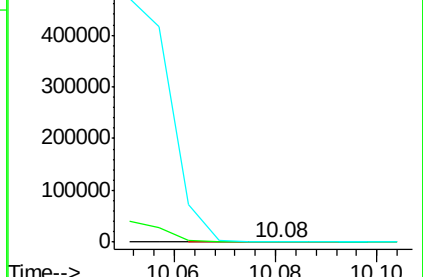
154 140.4 184.0 276.0#

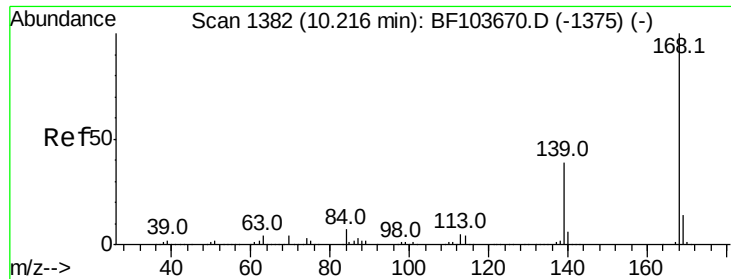


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 38.885 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

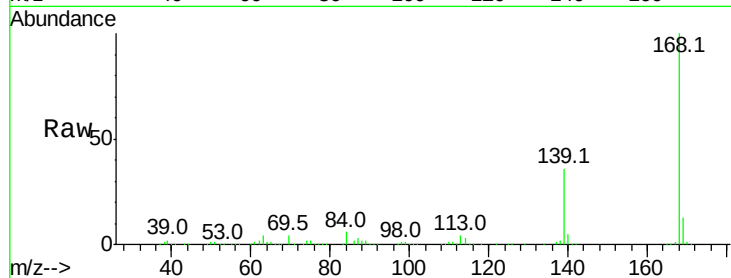
Tot Ion:168 Resp: 581799

Ion Ratio Lower Upper

168 100

139 35.8 30.1 45.1

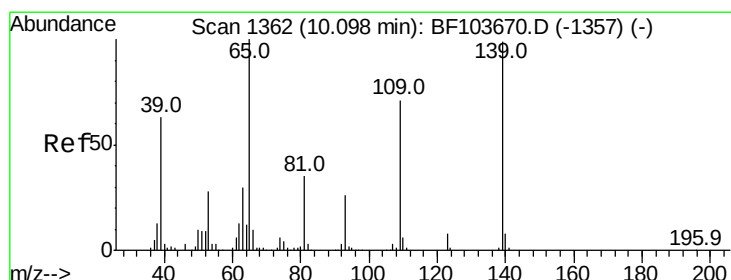
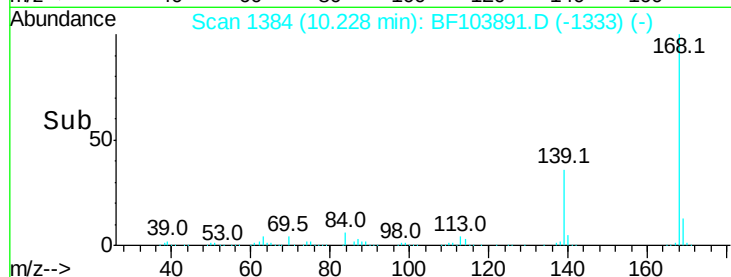
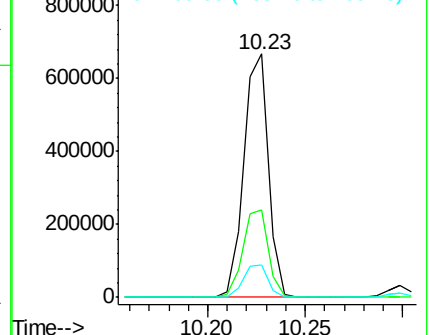
169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 34.695 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

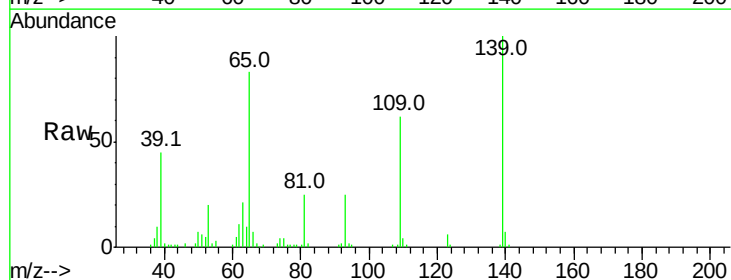
Tgt Ion:139 Resp: 76055

Ion Ratio Lower Upper

139 100

109 62.4 48.4 88.4

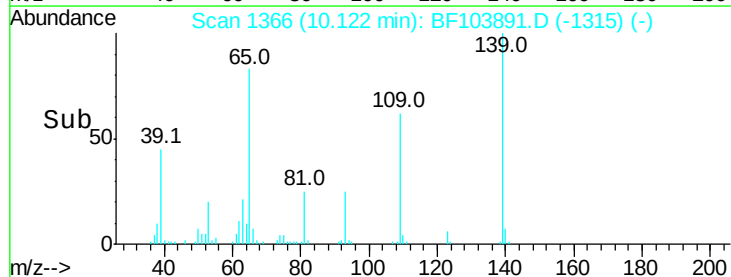
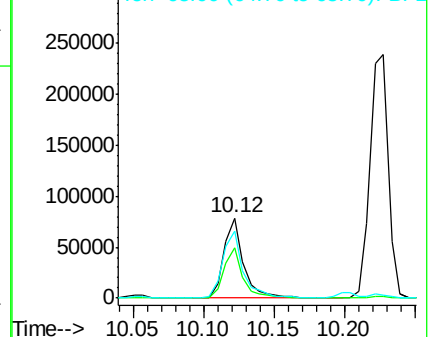
65 83.4 72.6 112.6

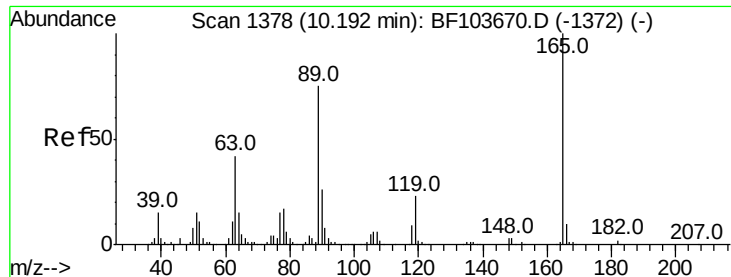


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

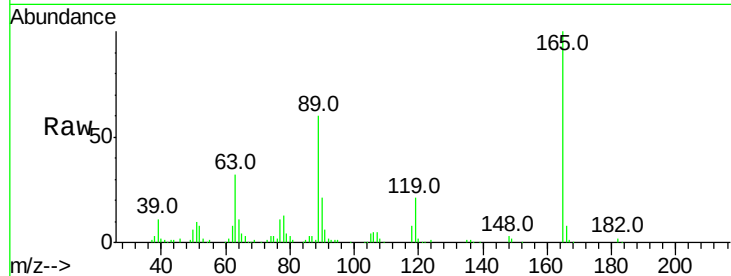




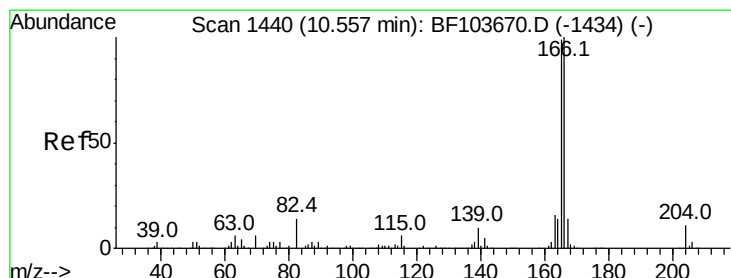
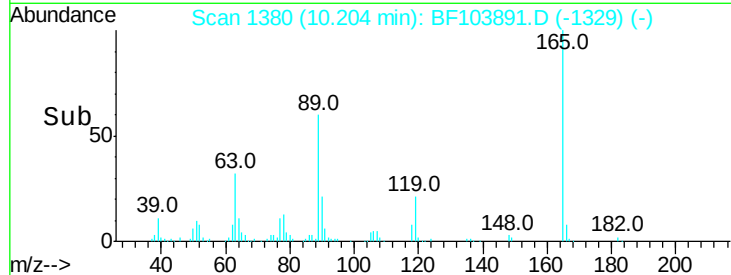
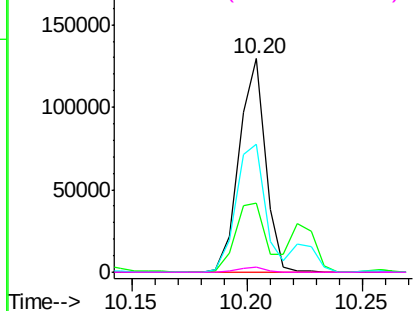
#56
2,4-Dinitrotoluene
Concen: 34.135 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 103023
Ion Ratio Lower Upper
165 100
63 32.4 36.4 54.6#
89 59.7 57.8 86.6
182 2.2 1.6 2.4

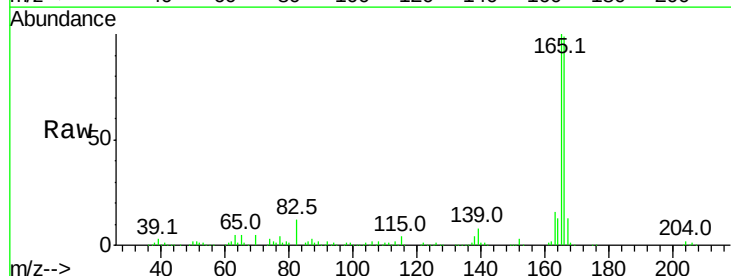


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

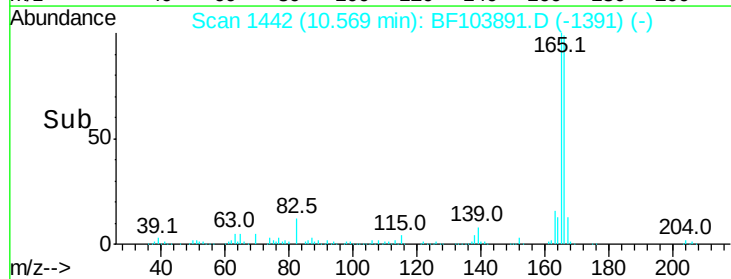
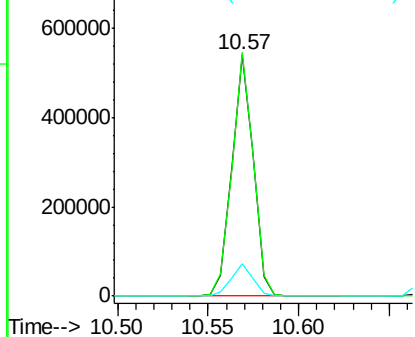


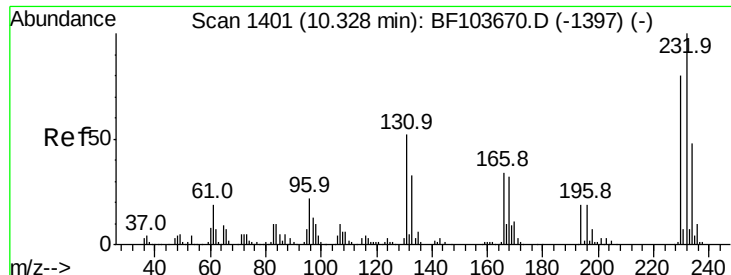
#57
Fluorene
Concen: 38.513 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:166 Resp: 447144
Ion Ratio Lower Upper
166 100
165 100.7 79.8 119.8
167 13.2 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: 40.503 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 101545

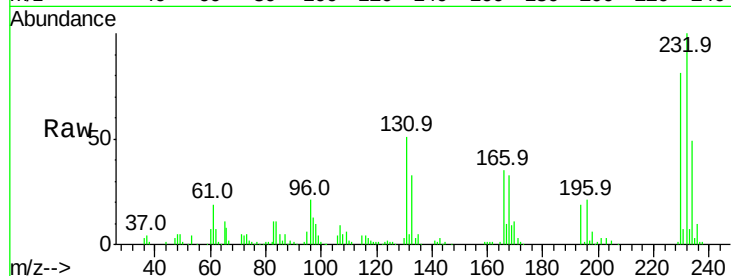
Ion Ratio Lower Upper

232 100

131 47.7 43.8 65.8

130 2.4 2.1 3.1

166 33.0 27.8 41.6

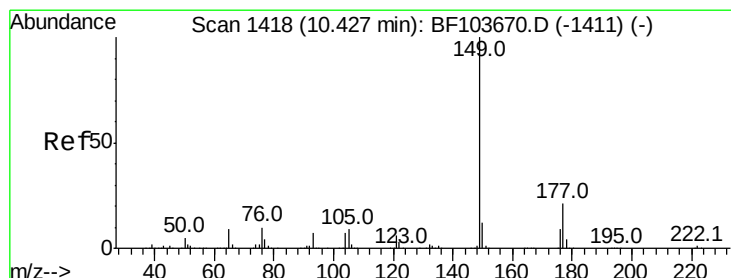
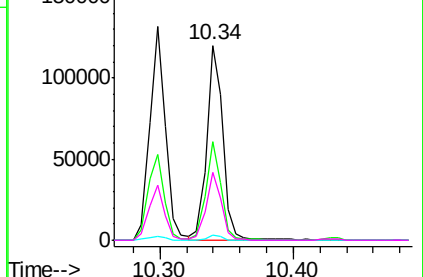
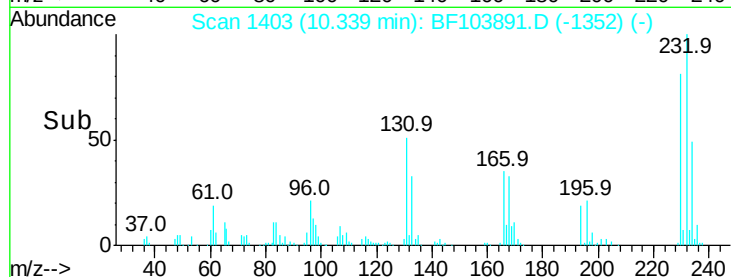


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.350 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

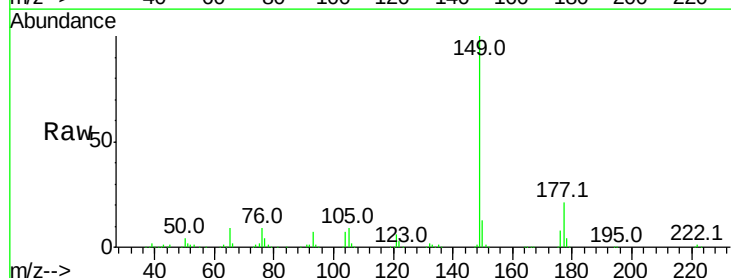
Tgt Ion:149 Resp: 537912

Ion Ratio Lower Upper

149 100

177 20.8 16.1 24.1

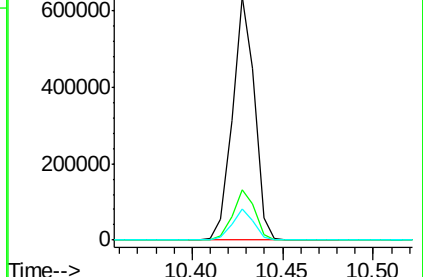
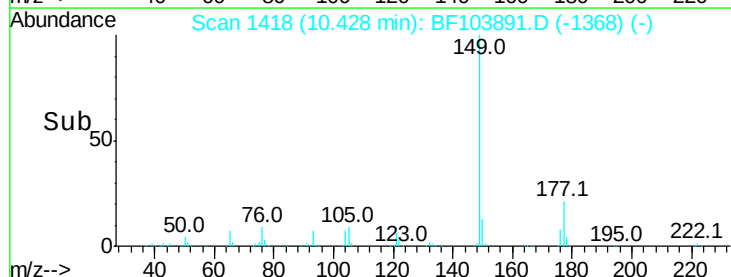
150 12.7 10.1 15.1

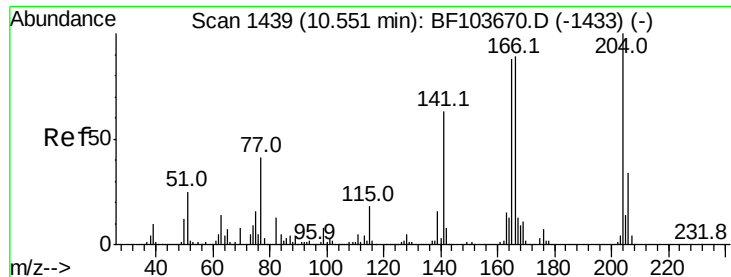


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

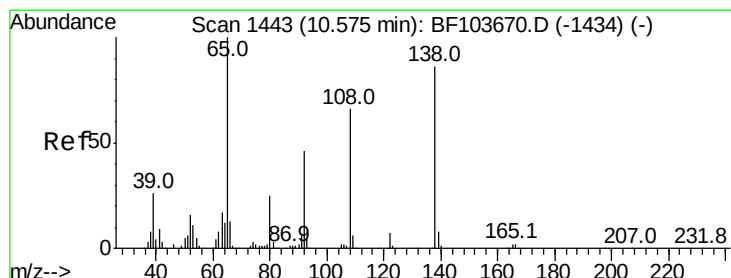
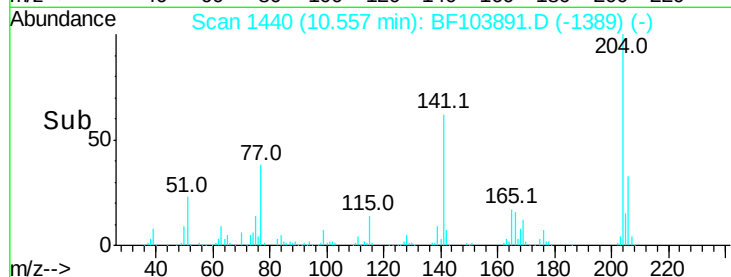
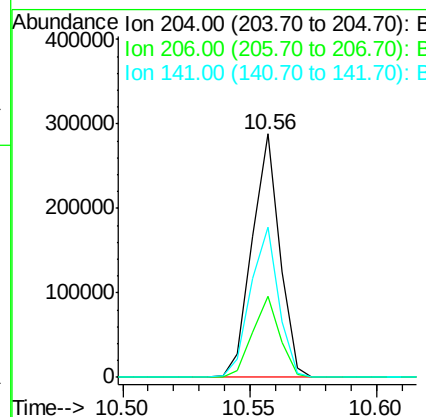
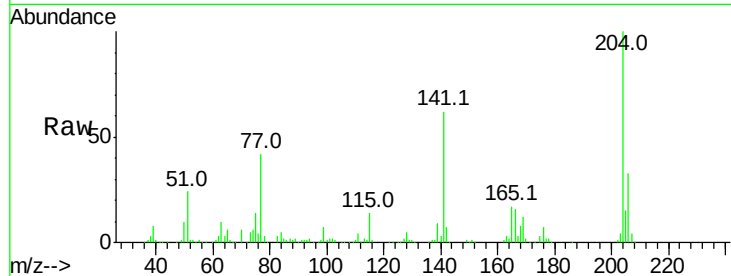




#60
4-Chlorophenyl-phenylether
Concen: 41.341 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

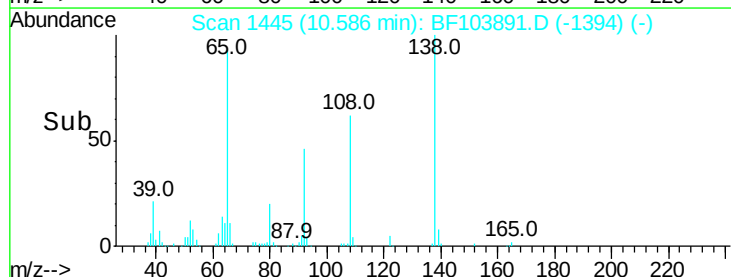
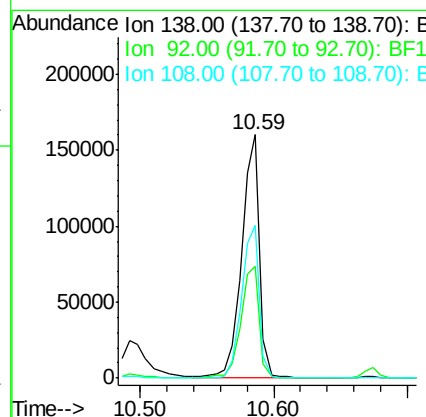
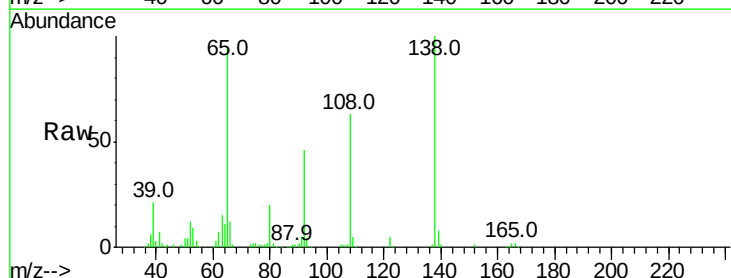
Instrument :
BNA_F
ClientSampleId :

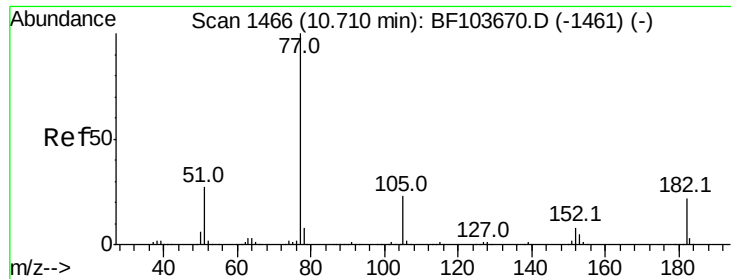
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	61.7	54.6	81.8



#61
4-Nitroaniline
Concen: 51.023 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	30.2	70.2
108	62.6	52.5	92.5

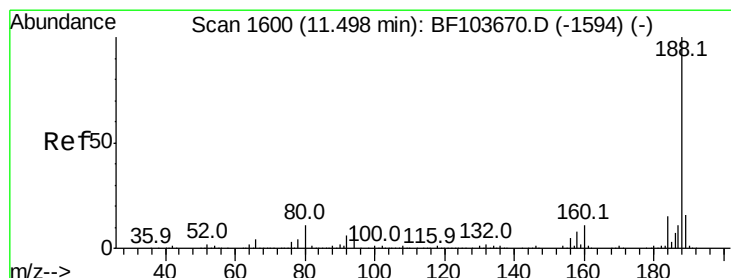
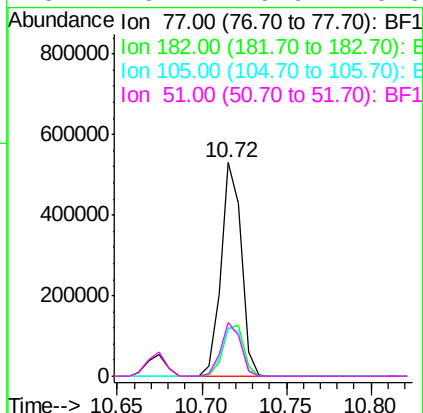
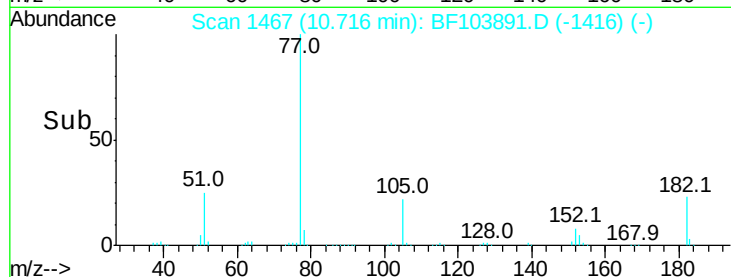
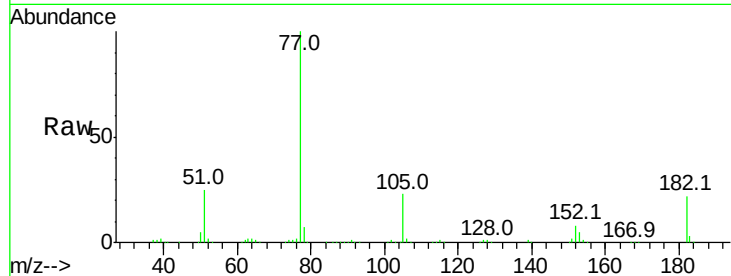




#62
Azobenzene
Concen: 33.469 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

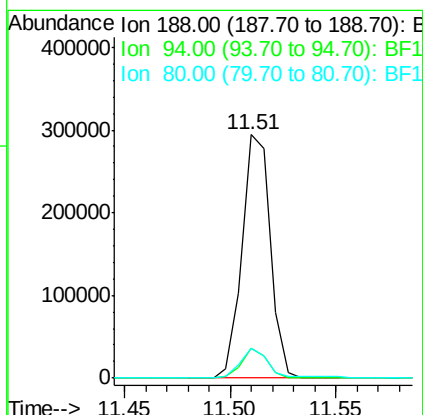
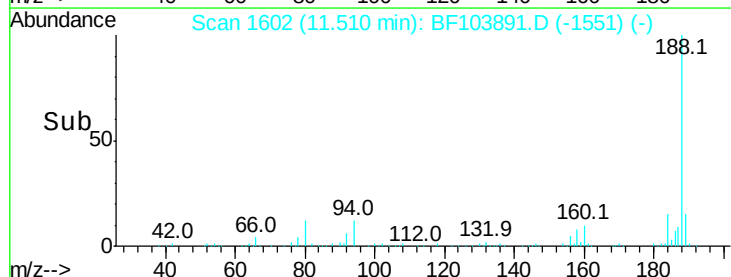
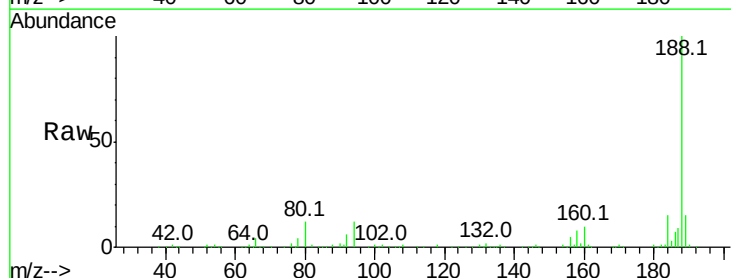
Instrument :
BNA_F
ClientSampleId :

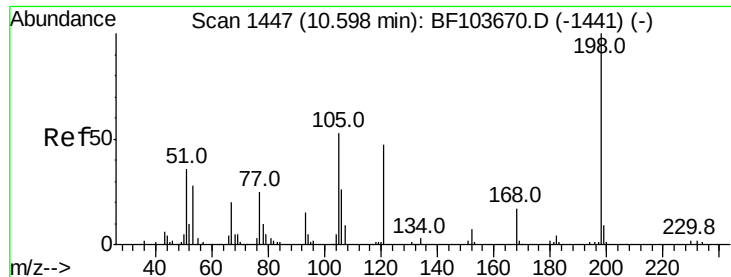
Tot Ion: 77 Resp: 442648
Ion Ratio Lower Upper
77 100
182 22.4 1.7 41.7
105 23.1 3.0 43.0
51 25.1 9.9 49.9



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion: 188 Resp: 273681
Ion Ratio Lower Upper
188 100
94 12.1 8.5 12.7
80 12.3 9.2 13.8

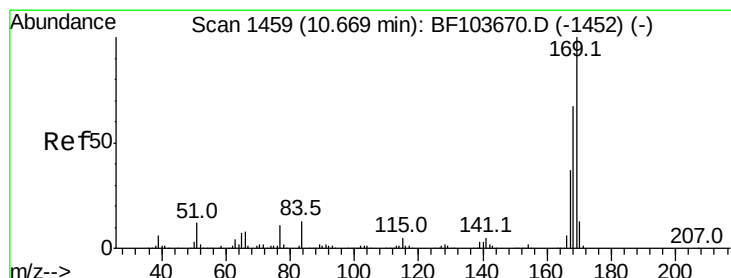
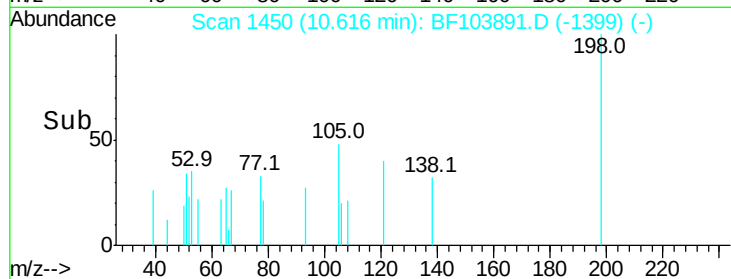
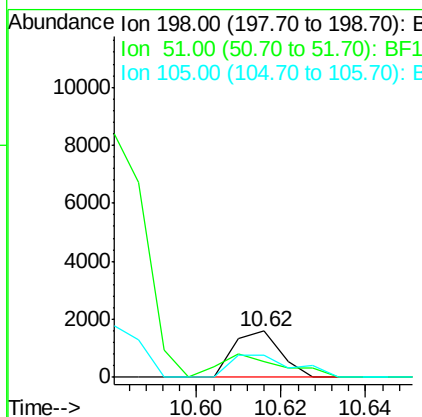
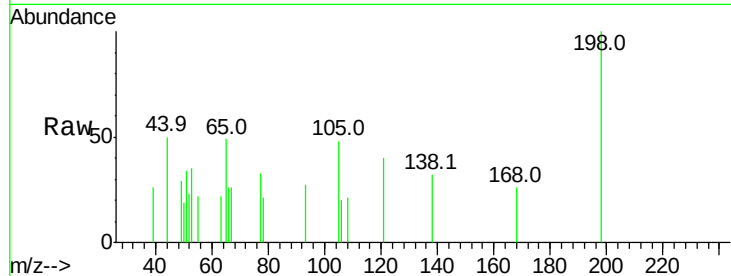




#64
4,6-Dinitro-2-methylphenol
Concen: 9.448 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

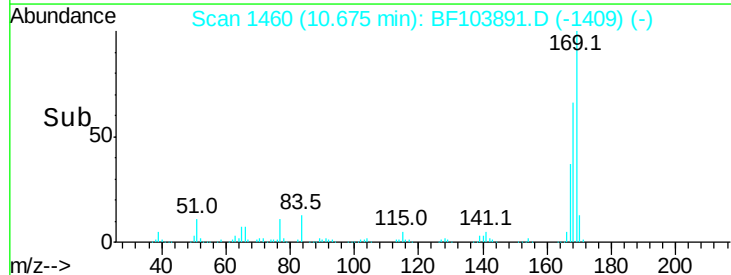
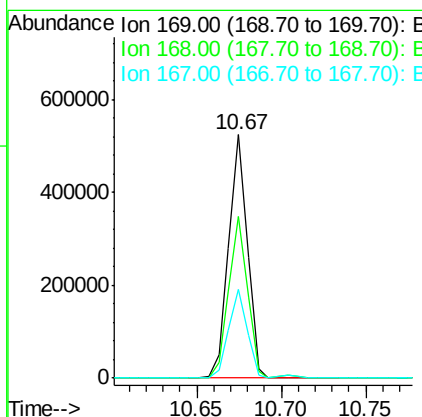
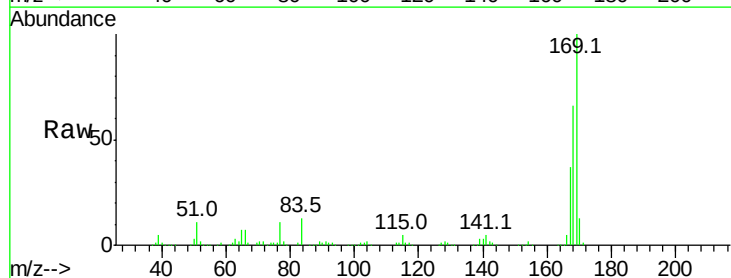
Instrument :
BNA_F
ClientSampleId :

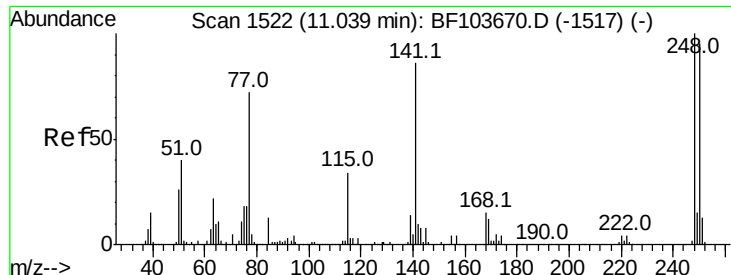
Tot Ion:198 Resp: 1222
Ion Ratio Lower Upper
198 100
51 34.1 37.7 77.7#
105 47.9 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 43.322 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:169 Resp: 403569
Ion Ratio Lower Upper
169 100
168 66.4 54.4 81.6
167 36.7 29.8 44.6

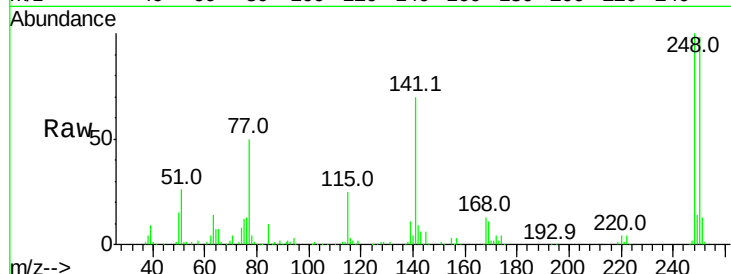




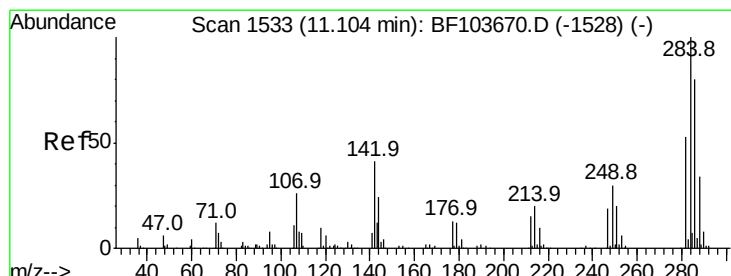
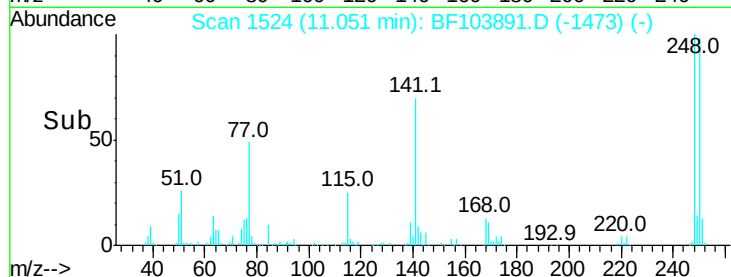
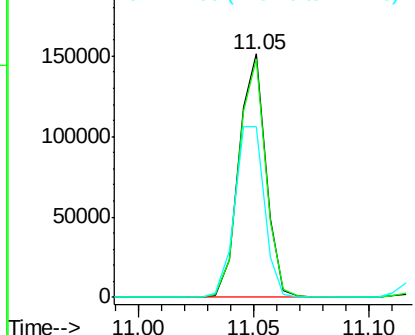
#66
4-Bromophenyl-phenylether
Concen: 43.759 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 122962
Ion Ratio Lower Upper
248 100
250 98.0 76.9 115.3
141 70.3 74.4 111.6#

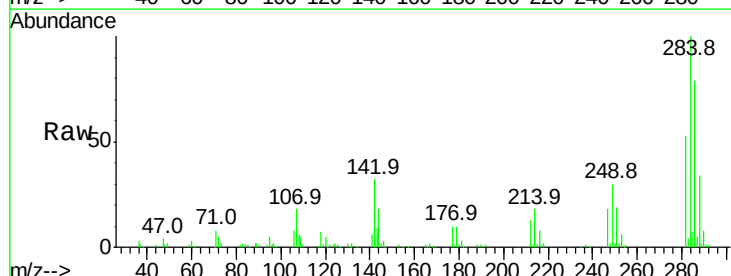


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

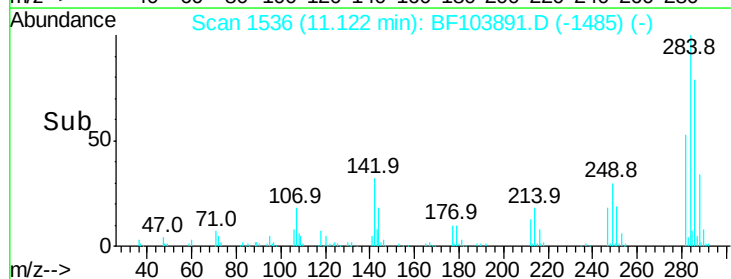
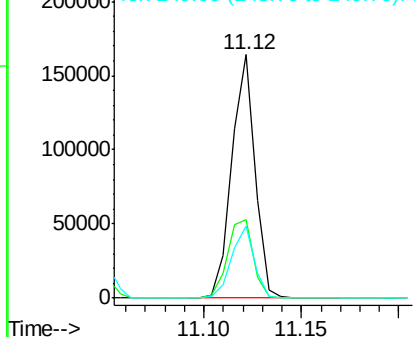


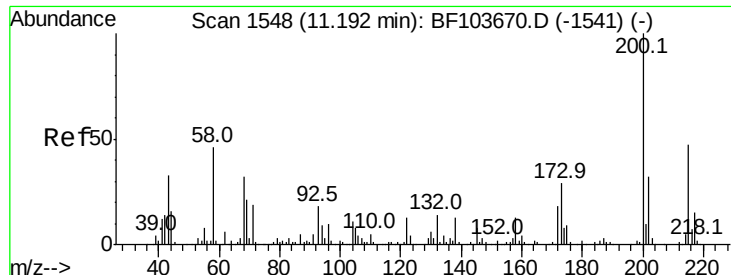
#67
Hexachlorobenzene
Concen: 42.175 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:284 Resp: 135260
Ion Ratio Lower Upper
284 100
142 32.1 34.6 52.0#
249 29.6 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

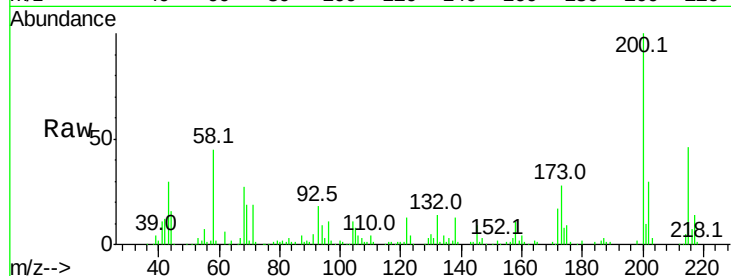




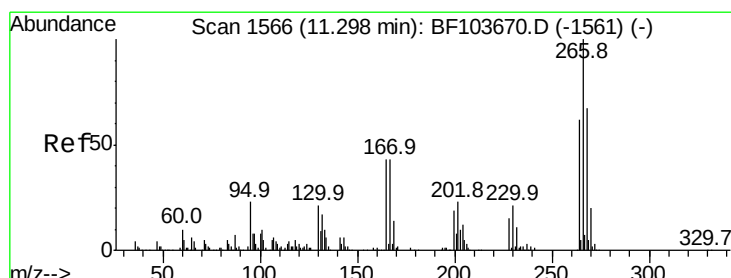
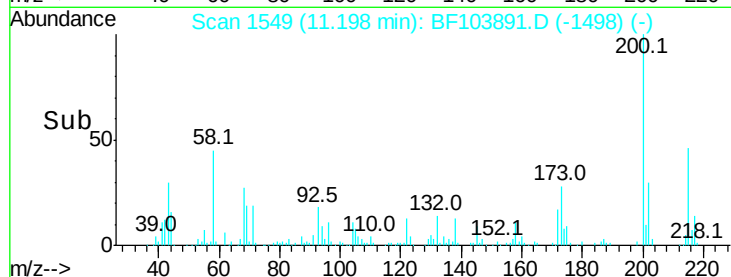
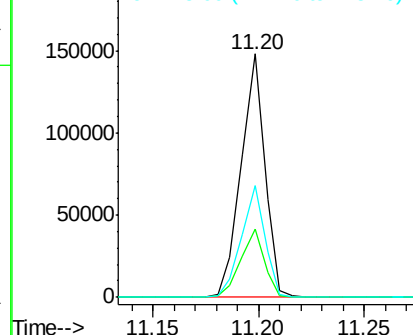
#68
Atrazine
Concen: 39.965 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	8.6	48.6
215	46.1	25.1	65.1

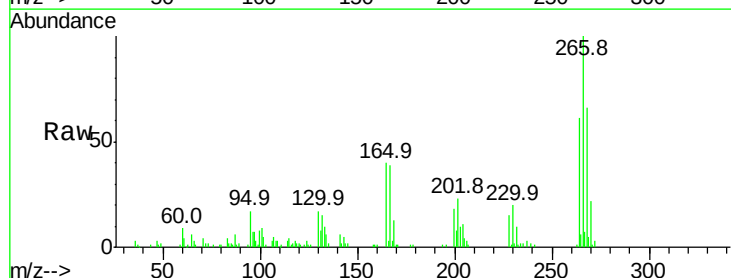


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

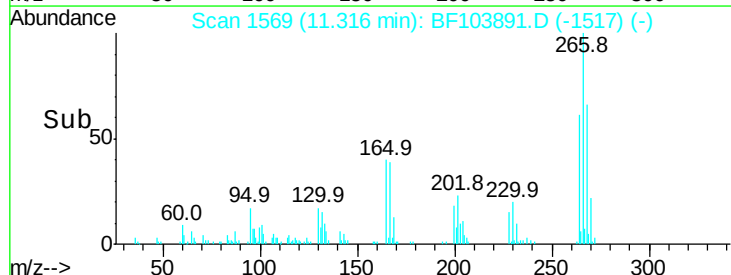
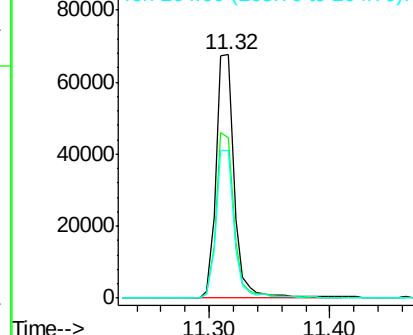


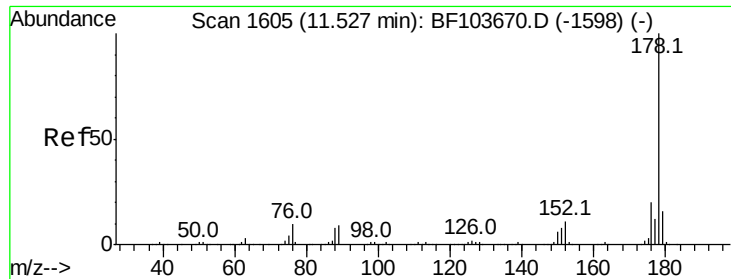
#69
Pentachlorophenol
Concen: 38.050 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.1	76.7
264	60.6	49.5	74.3



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

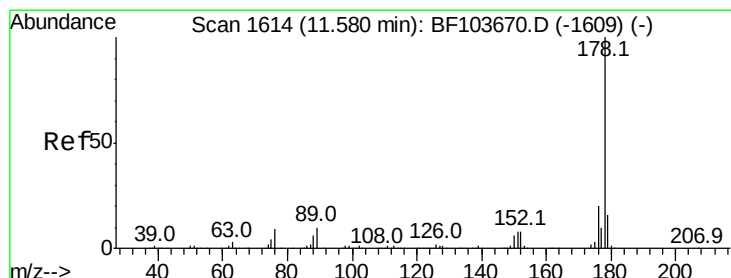
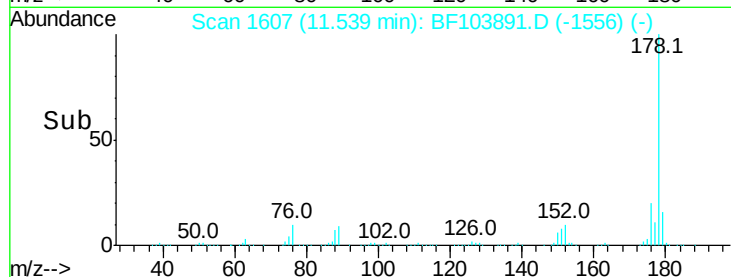
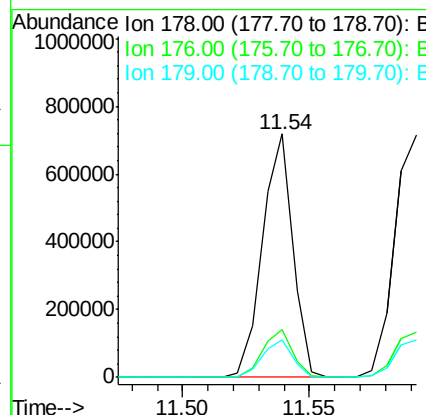
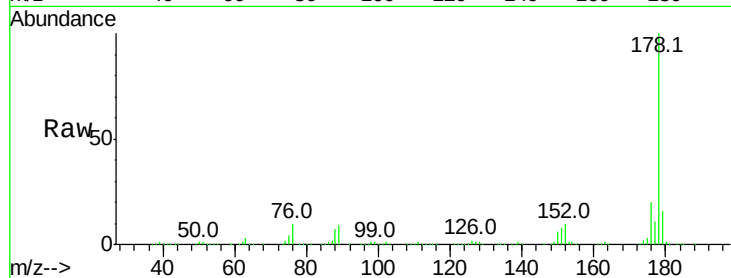




#70
Phenanthrene
Concen: 40.351 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

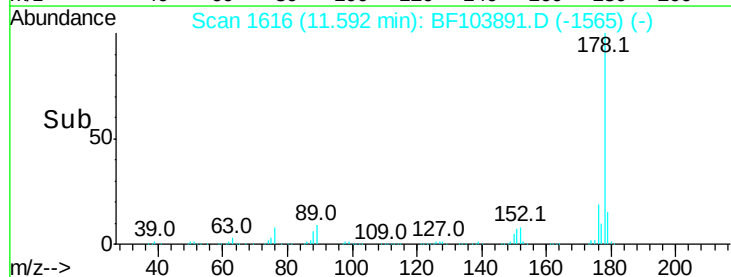
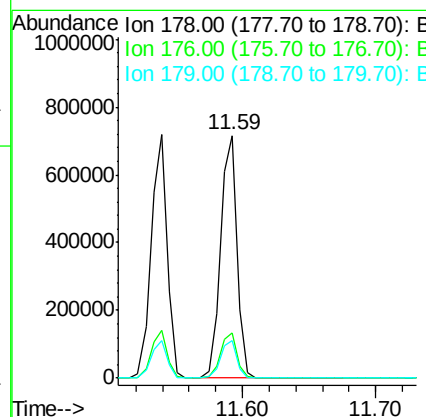
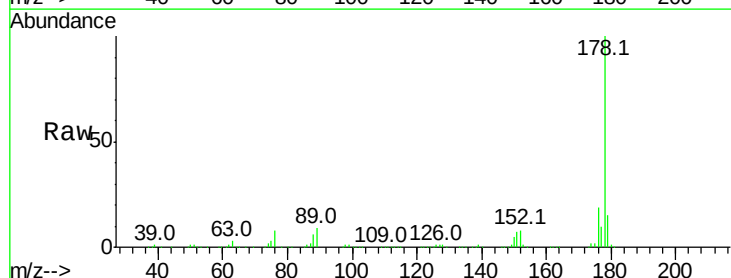
Instrument :
BNA_F
ClientSampled :

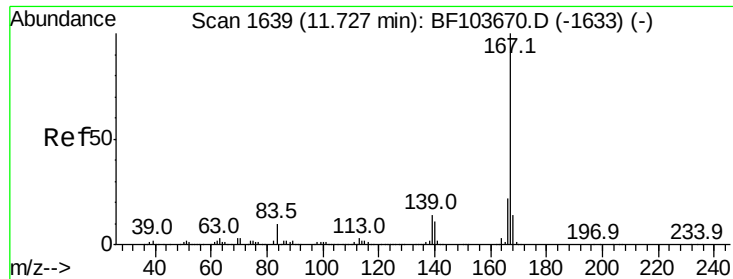
Tot Ion:178 Resp: 604087
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.6 13.0 19.6



#71
Anthracene
Concen: 40.990 ng
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:178 Resp: 623267
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.6 19.0





#72

Carbazole

Concen: 40.777 ng

RT: 11.75 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

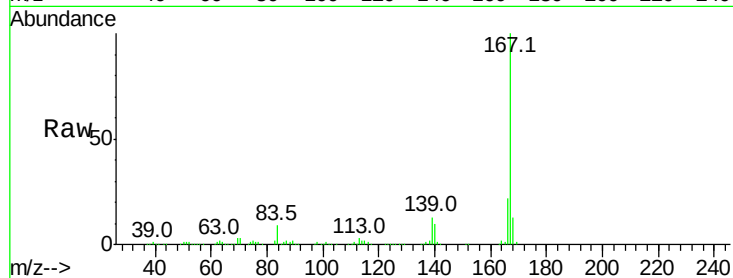
Tot Ion:167 Resp: 602636

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

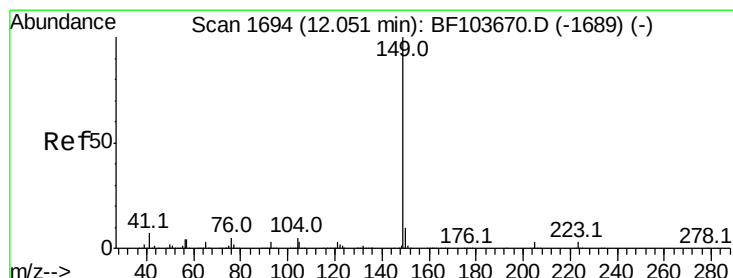
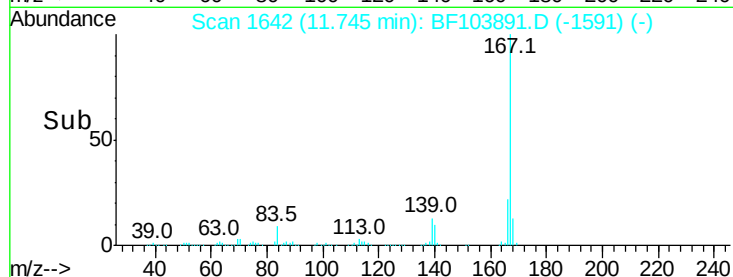
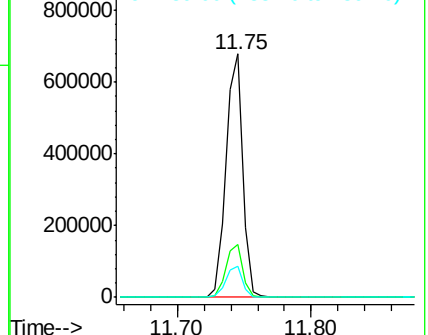
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.068 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

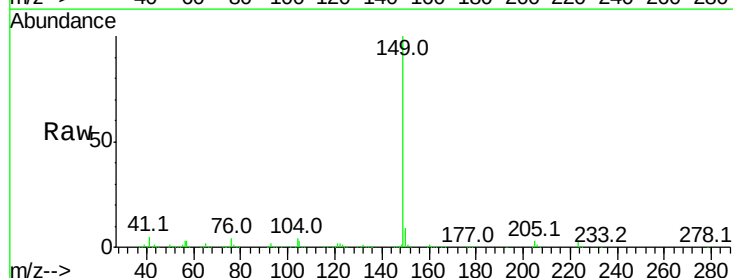
Tgt Ion:149 Resp: 763731

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

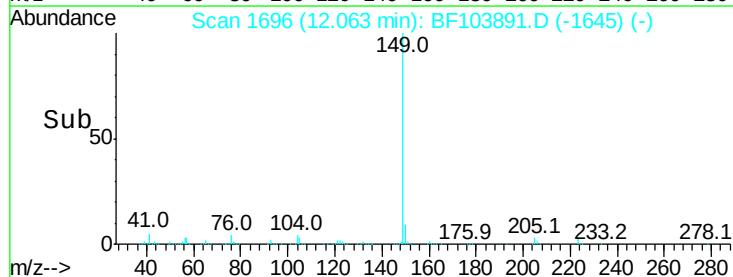
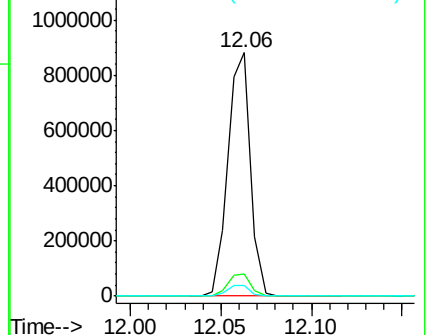
104 4.3 3.8 5.8

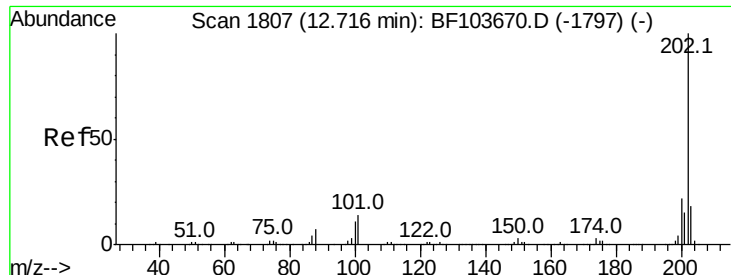


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

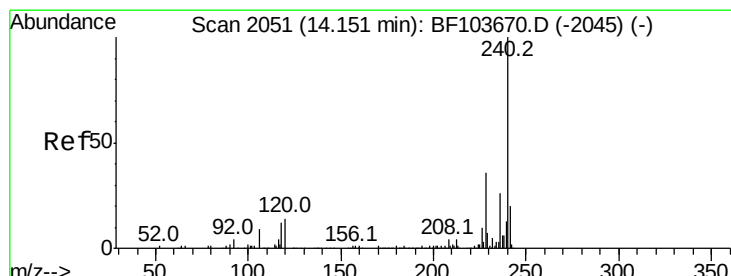
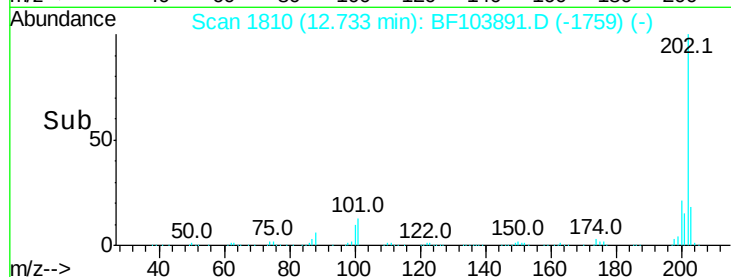
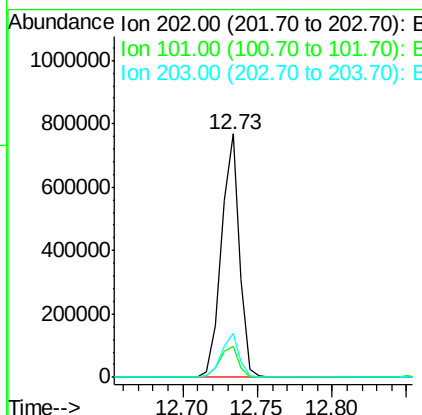
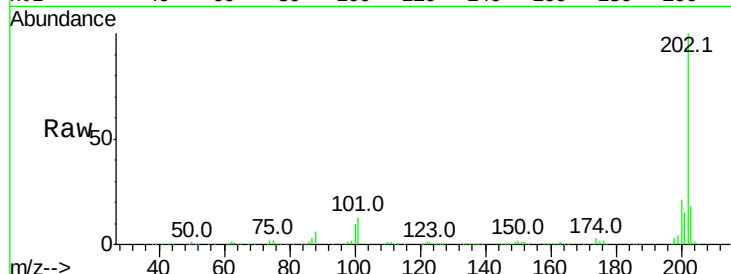




#74
 Fluoranthene
 Concen: 42.269 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

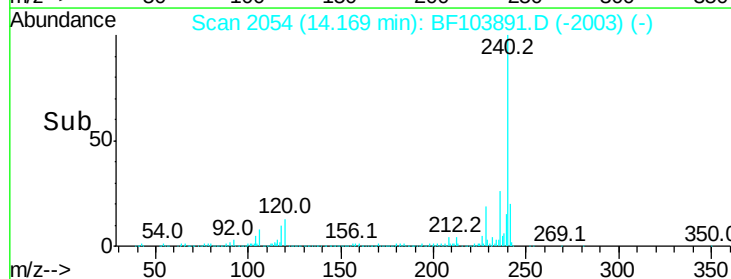
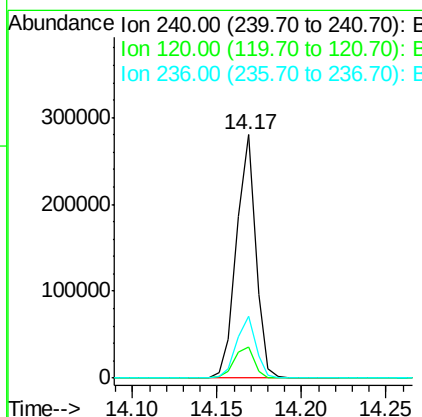
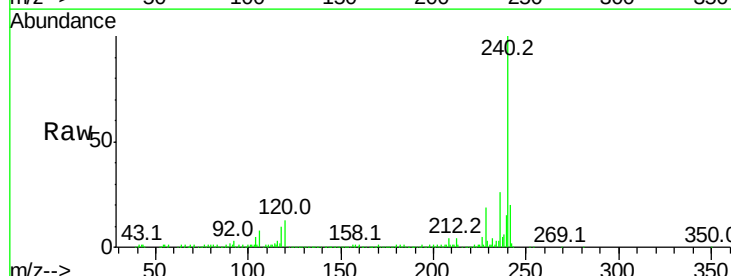
Instrument :
 BNA_F
 ClientSampled :

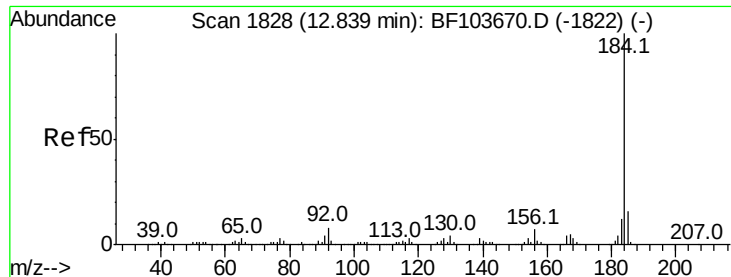
Tot Ion:202 Resp: 651936
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 34.1
 203 17.8 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF103891.D
 Acq: 23 Mar 2018 20:06

Tgt Ion:240 Resp: 221912
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.5 20.7 31.1

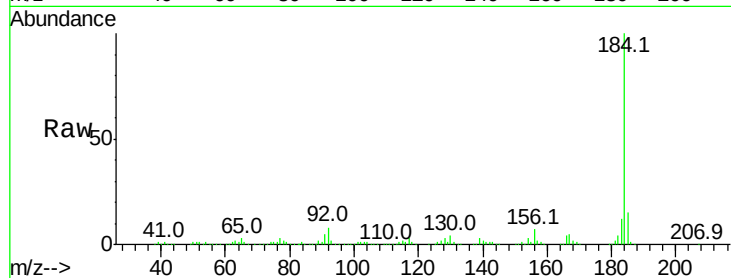




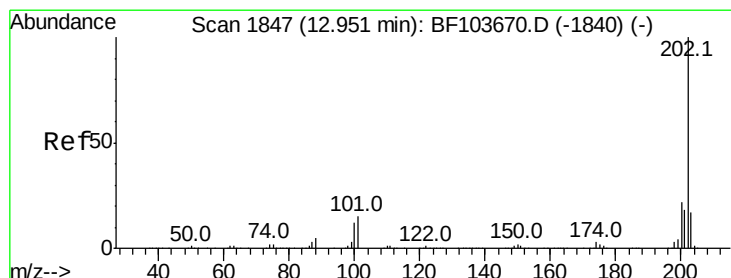
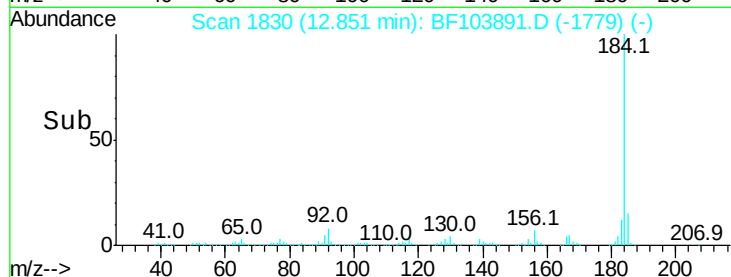
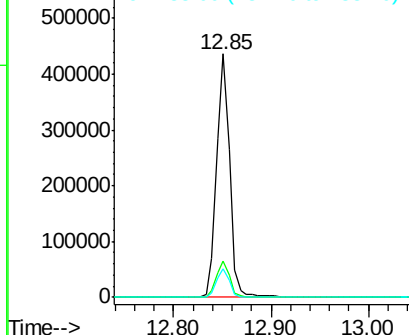
#76
Benzidine
Concen: 43.172 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 408607
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.8 9.3 13.9

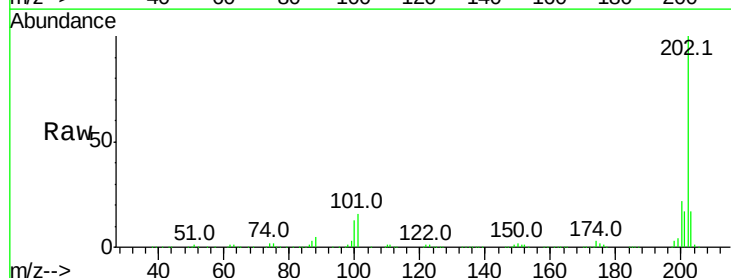


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

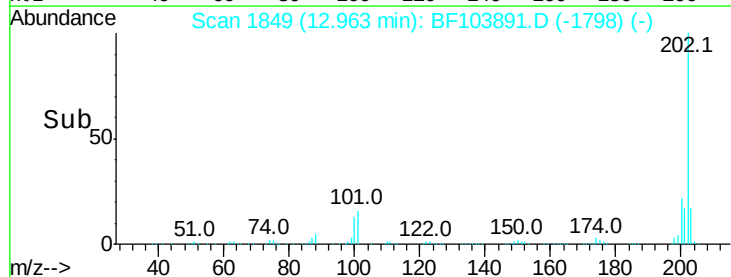
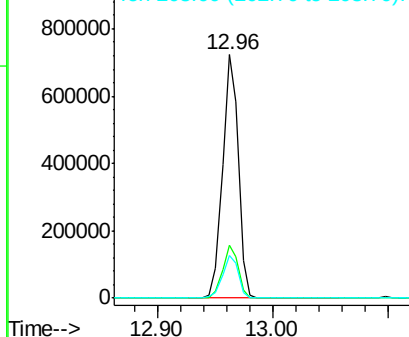


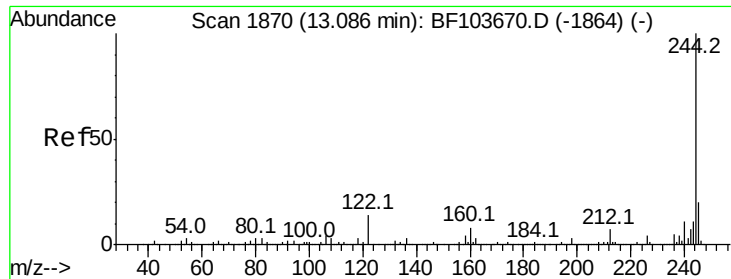
#77
Pyrene
Concen: 41.740 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:202 Resp: 680233
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.5 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: 86.653 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

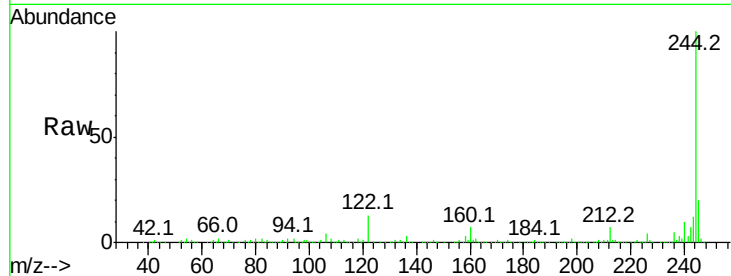
Tot Ion:244 Resp: 828444

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

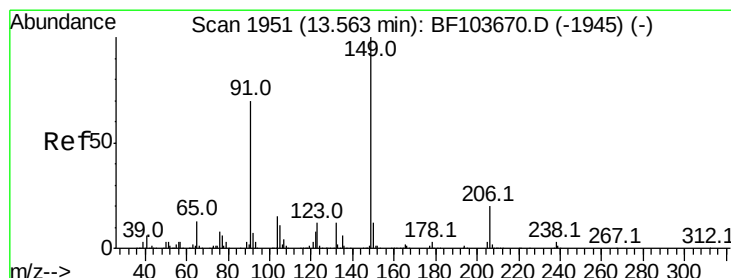
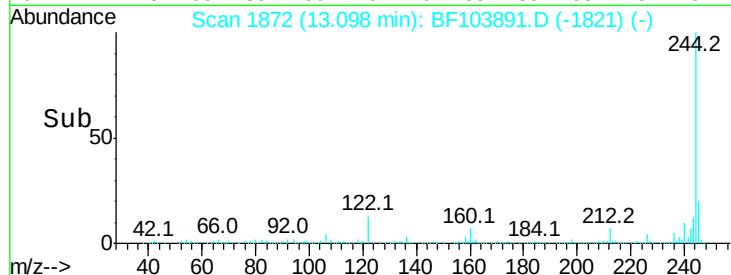
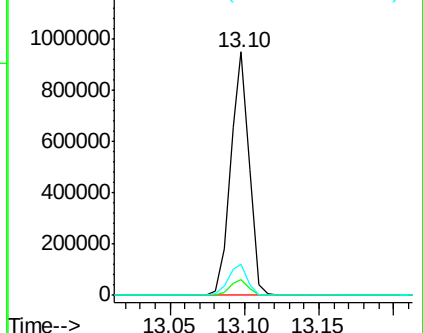
122 13.0 11.0 16.4



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: 45.413 ng

RT: 13.57 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

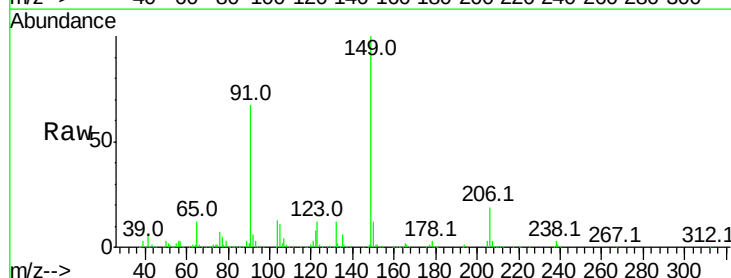
Tgt Ion:149 Resp: 327905

Ion Ratio Lower Upper

149 100

91 67.5 56.8 85.2

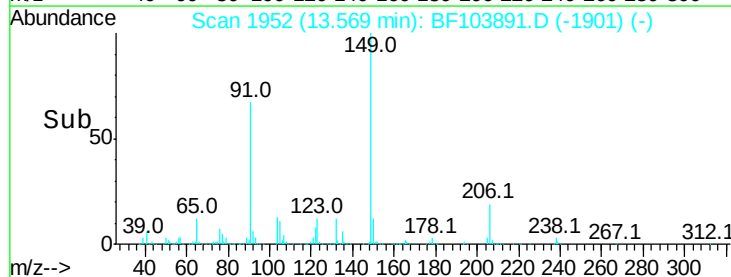
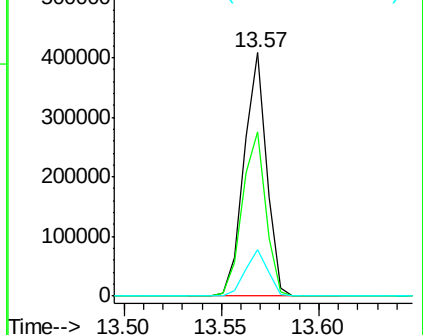
206 19.2 14.1 21.1

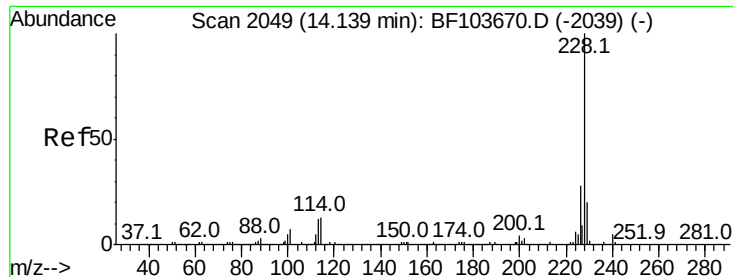


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 39.723 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

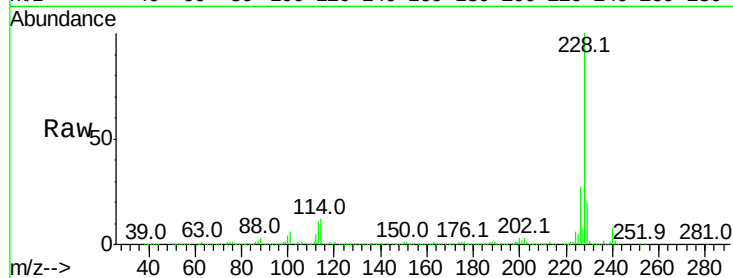
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 557985

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6

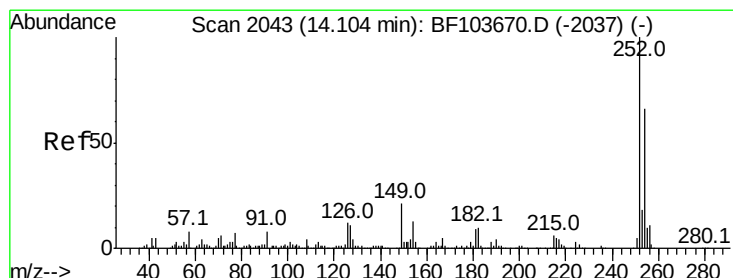
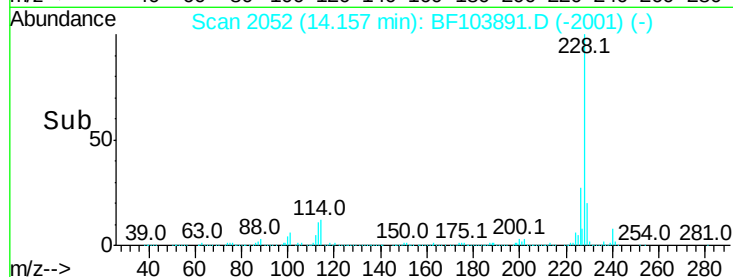
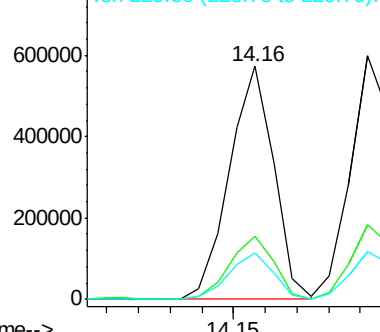


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 46.469 ng

RT: 14.11 min Scan# 2044

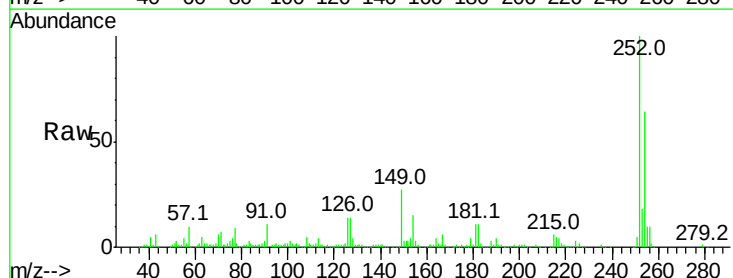
Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Tgt Ion:252 Resp: 218343

Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	14.4	11.3	16.9

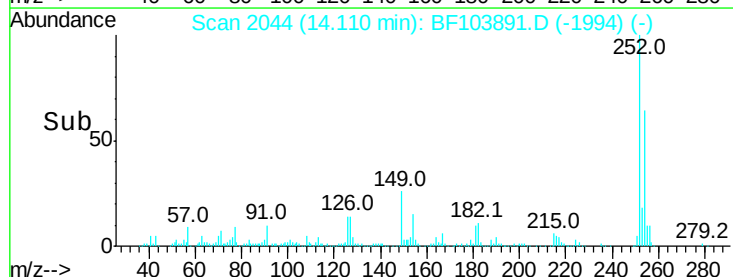
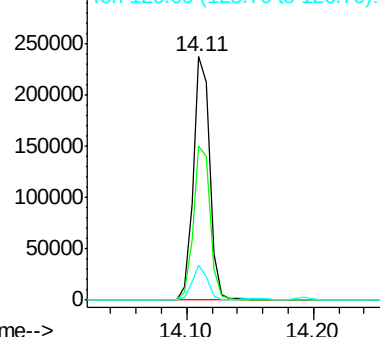


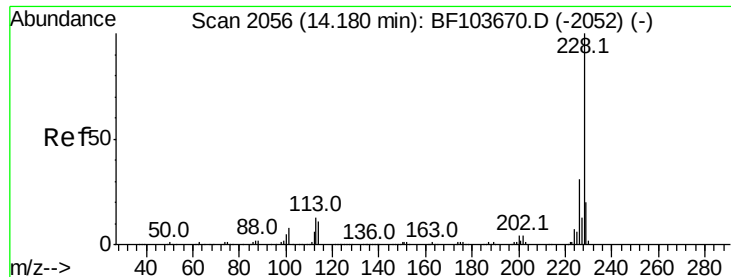
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 39.782 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

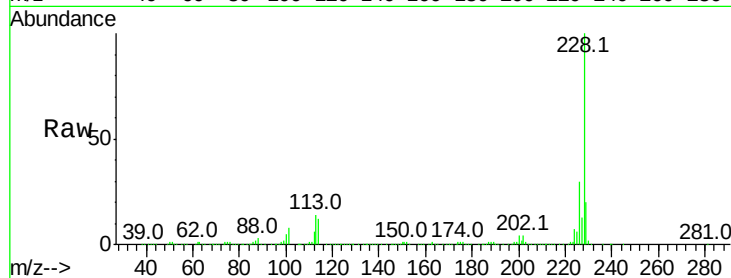
Tot Ion:228 Resp: 532687

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

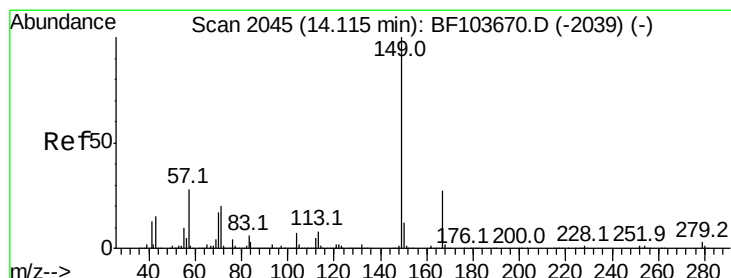
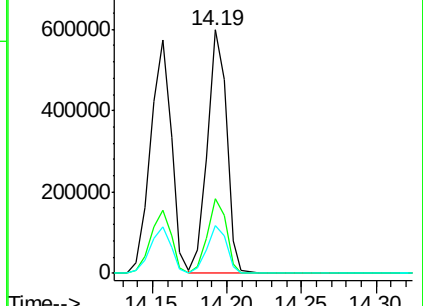
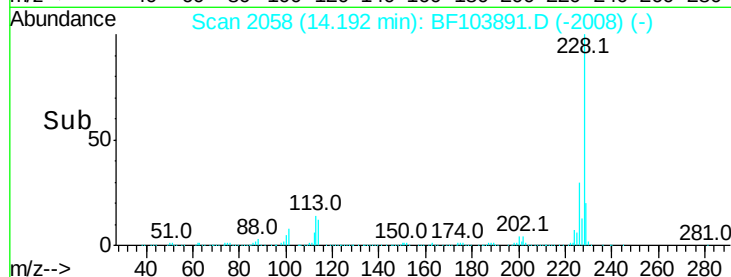
229 19.9 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.735 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

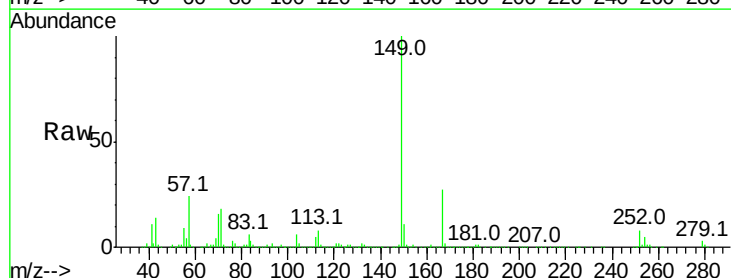
Tgt Ion:149 Resp: 461444

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

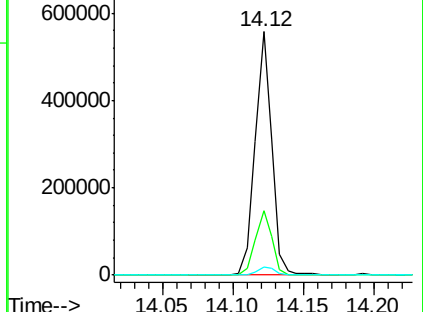
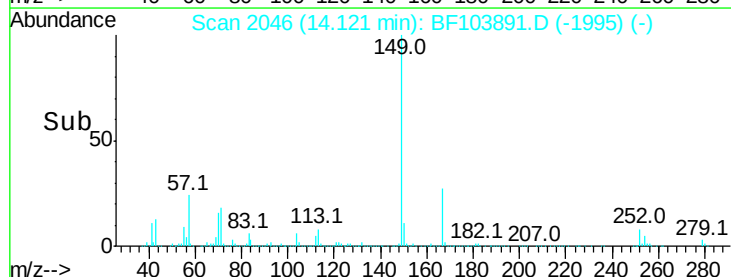
279 3.4 3.0 4.4

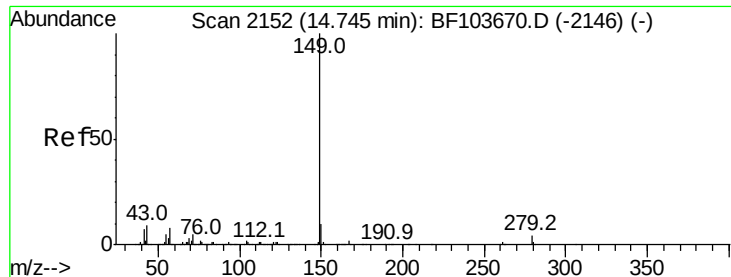


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 47.419 ng

RT: 14.74 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampled :

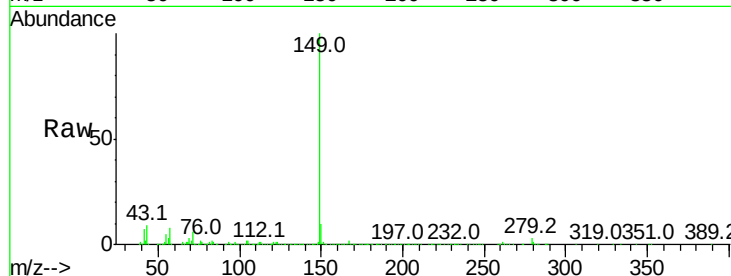
Tot Ion:149 Resp: 711596

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

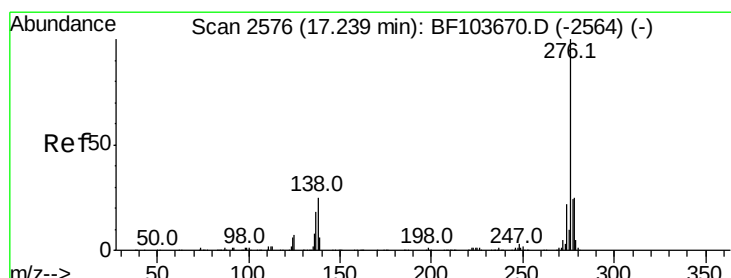
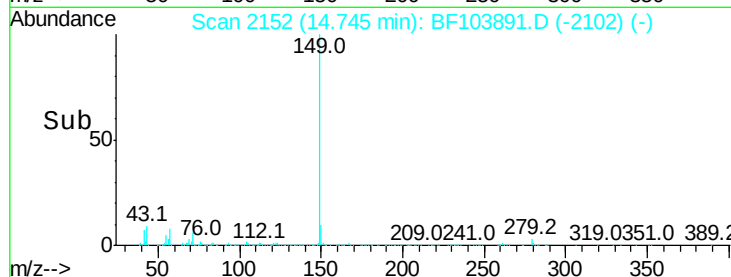
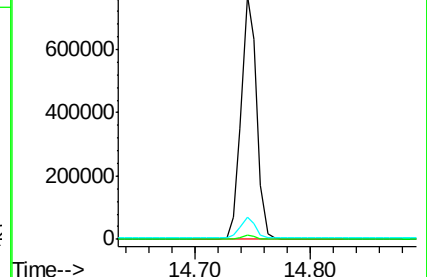
43 8.3 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 34.197 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

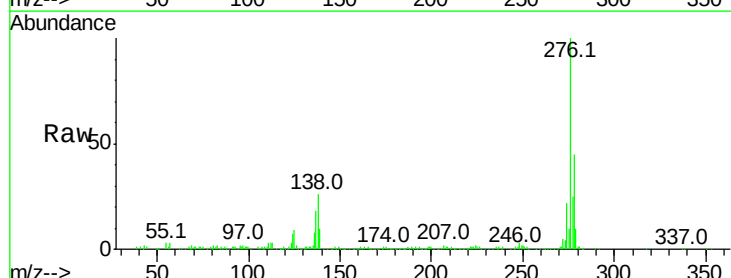
Tgt Ion:276 Resp: 399887

Ion Ratio Lower Upper

276 100

138 29.7 25.0 37.6

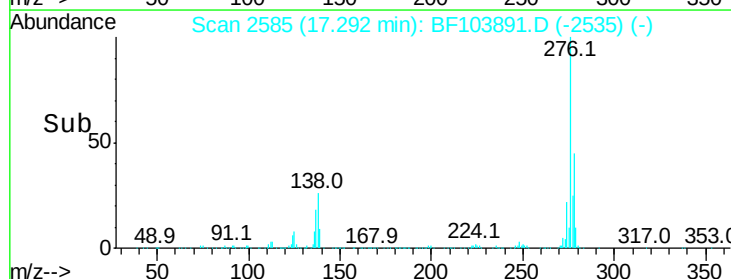
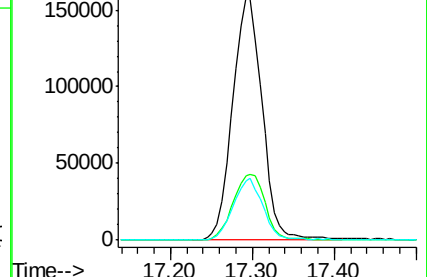
277 25.3 20.1 30.1

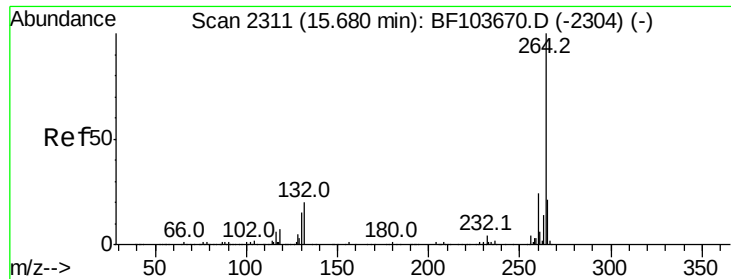


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

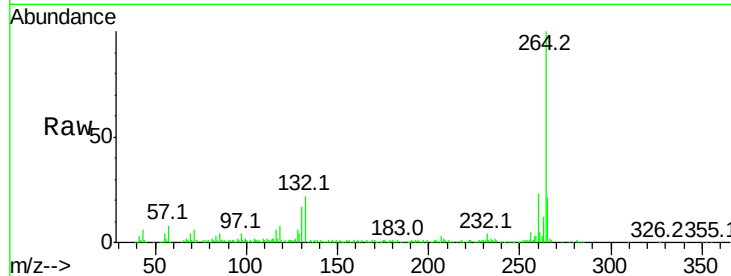




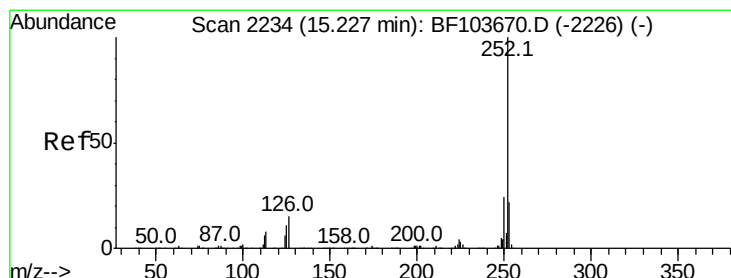
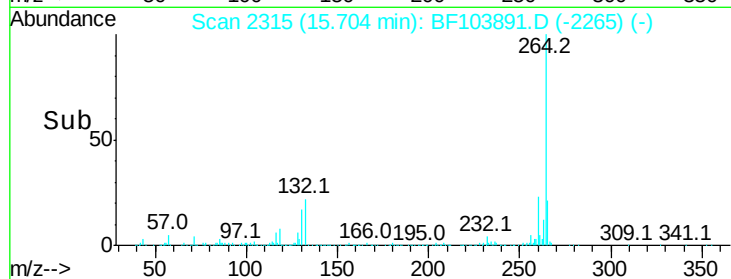
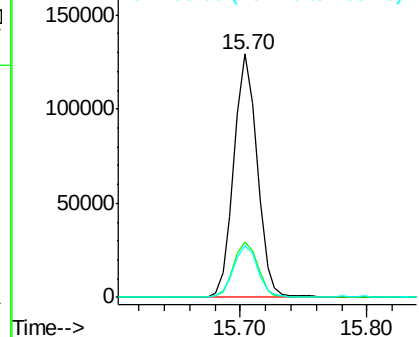
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.3	17.5	26.3

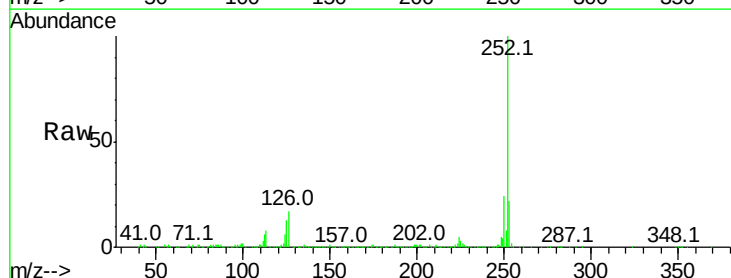


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

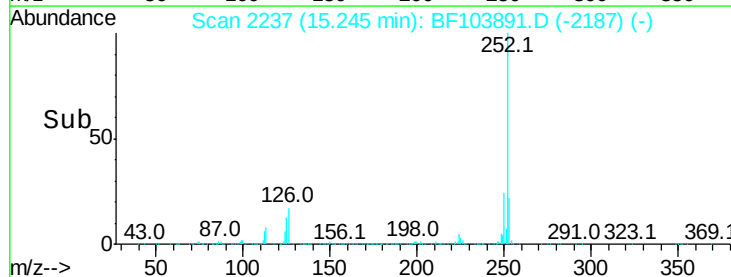
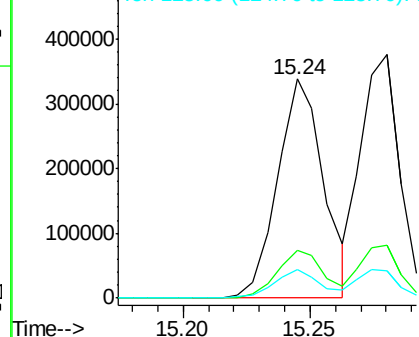


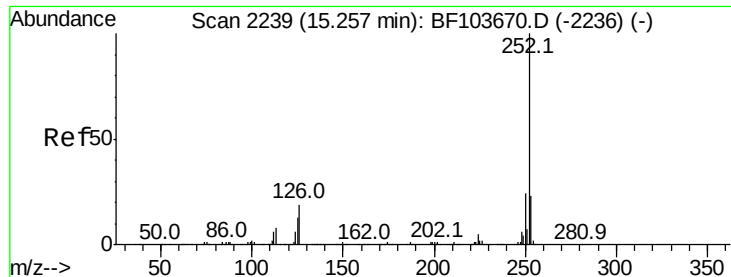
#87
Benzo(b)fluoranthene
Concen: 41.198 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.9	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

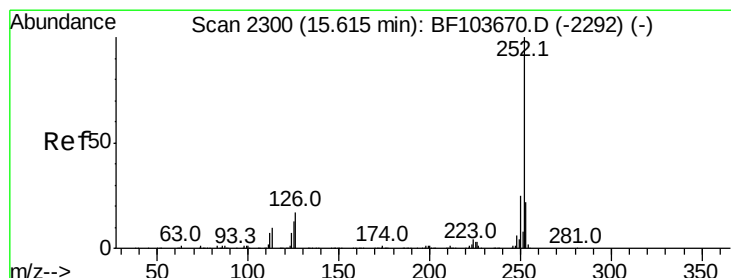
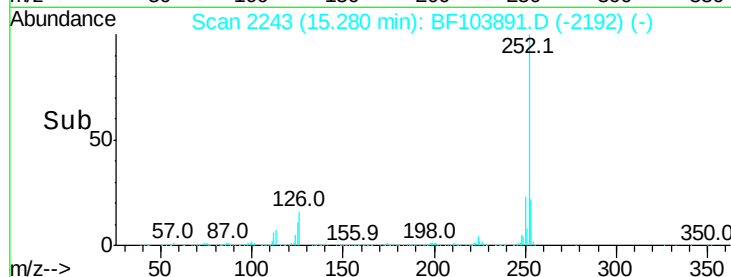
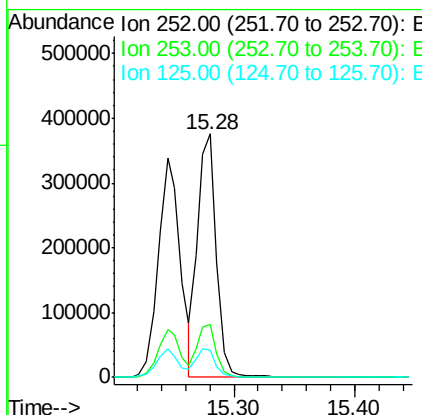
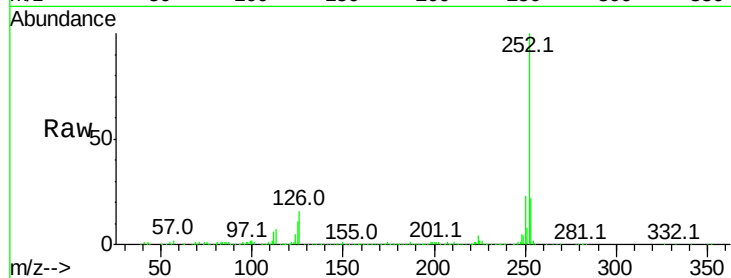




#88
Benzo(k)fluoranthene
Concen: 40.365 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

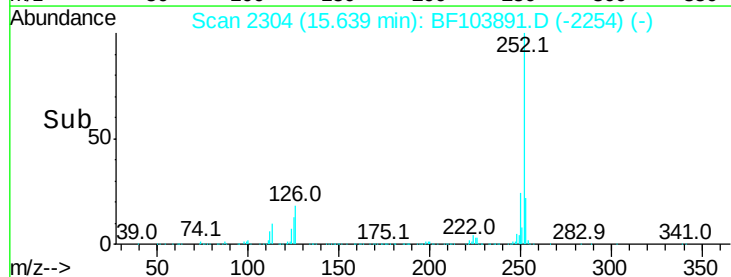
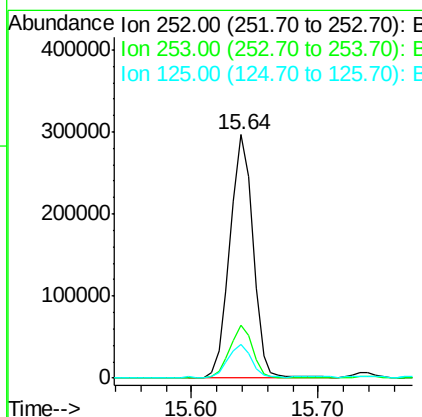
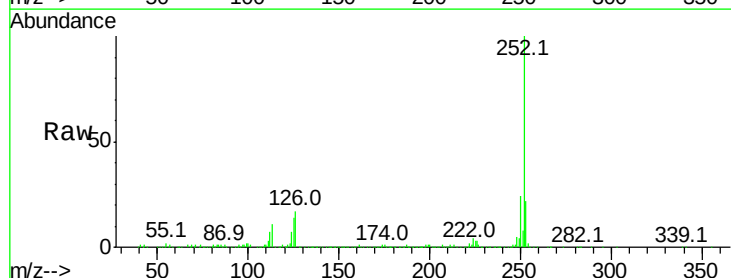
Instrument :
BNA_F
ClientSampleId :

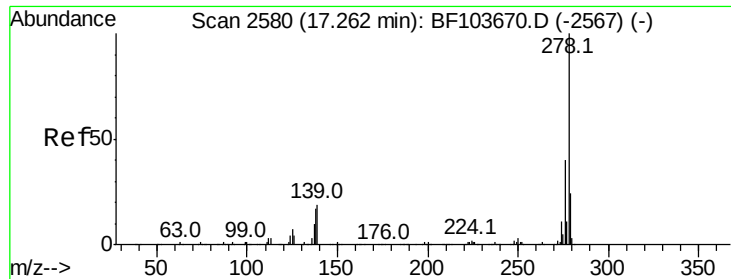
Tot Ion:252 Resp: 404691
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 39.729 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103891.D
Acq: 23 Mar 2018 20:06

Tgt Ion:252 Resp: 375828
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.8 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 41.248 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

Instrument :

BNA_F

ClientSampleId :

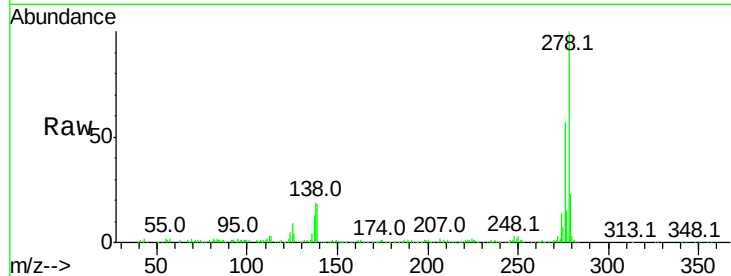
Tot Ion:278 Resp: 337875

Ion Ratio Lower Upper

278 100

139 18.1 15.9 23.9

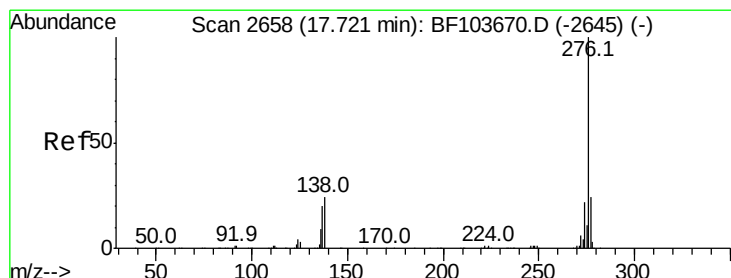
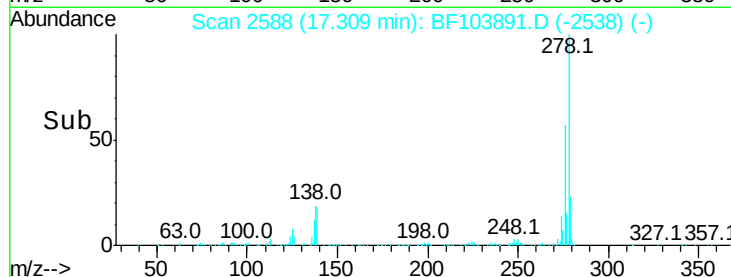
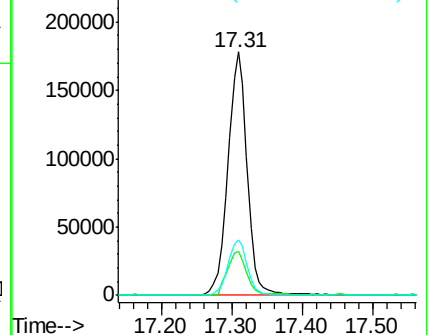
279 22.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.541 ng

RT: 17.77 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BF103891.D

Acq: 23 Mar 2018 20:06

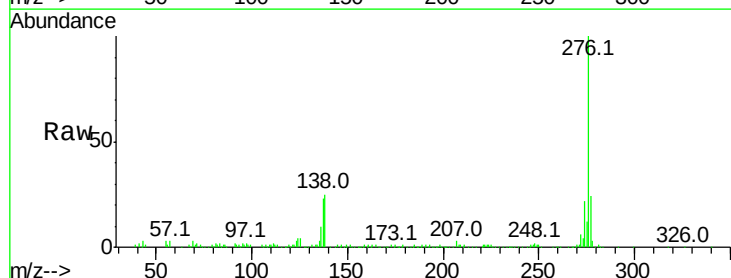
Tgt Ion:276 Resp: 323059

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.7 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

