

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103436.D
 Acq On : 6 Mar 2018 3:31
 Operator : SJ/JU
 Sample : J1786-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 05:59:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123407	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	499609	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199513	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	296169	20.00	ng	0.00
75) Chrysene-d12	14.07	240	172598	20.00	ng	0.00
86) Perylene-d12	15.59	264	136277	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	772670	94.70	ng	0.00
7) Phenol-d6	6.52	99	899596	90.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	565029	64.59	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	117776	69.74	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	730025	58.38	ng	0.00
78) Terphenyl-d14	13.00	244	514005	71.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	104526	24.254	ng	93
3) Pyridine	3.48	79	274728	23.879	ng	98
4) n-Nitrosodimethylamine	3.40	42	160933	34.683	ng	94
6) Aniline	6.54	93	234398	16.267	ng	# 32
8) 2-Chlorophenol	6.66	128	261563	30.858	ng	88
9) Benzaldehyde	6.43	77	109067	14.961	ng	98
10) Phenol	6.53	94	343777	29.659	ng	80
11) bis(2-Chloroethyl)ether	6.60	93	283929	32.275	ng	94
12) 1,3-Dichlorobenzene	6.82	146	269413	27.813	ng	97
13) 1,4-Dichlorobenzene	6.89	146	275567	28.375	ng	97
14) 1,2-Dichlorobenzene	7.05	146	254255	28.393	ng	98
15) Benzyl Alcohol	7.02	79	206982	27.511	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	416099	27.544	ng	56
17) 2-Methylphenol	7.14	107	217562	28.244	ng	# 85
18) Hexachloroethane	7.37	117	53142	15.031	ng	# 87
19) n-Nitroso-di-n-propylamine	7.28	70	198514	31.947	ng	92
20) 3+4-Methylphenols	7.30	107	303206	32.290	ng	94
22) Acetophenone	7.28	105	375758	32.222	ng	# 93
24) Nitrobenzene	7.46	77	298271	30.967	ng	98
25) Isophorone	7.69	82	545672	31.670	ng	95
26) 2-Nitrophenol	7.77	139	91087	20.088	ng	92
27) 2,4-Dimethylphenol	7.82	122	239091	34.496	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	336733	33.240	ng	98
29) 2,4-Dichlorophenol	8.03	162	213745	32.211	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	191782	27.140	ng	100
31) Naphthalene	8.18	128	716858	29.308	ng	100
32) Benzoic acid	7.82	122	239091	46.713	ng	# 15
33) 4-Chloroaniline	8.24	127	169523	16.061	ng	97
34) Hexachlorobutadiene	8.29	225	96413	26.201	ng	99
35) Caprolactam	8.60	113	69497	29.799	ng	# 81
36) 4-Chloro-3-methylphenol	8.73	107	227853	30.443	ng	99
37) 2-Methylnaphthalene	8.87	142	447255	28.293	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	161355	29.583	ng	99
42) 2,4,6-Trichlorophenol	9.16	196	113957	31.050	ng	99

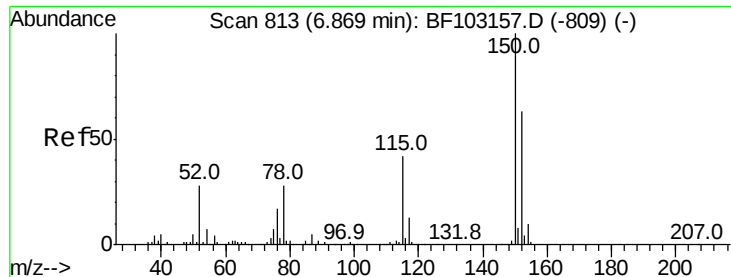
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	114647	27.160	nq	96
45) 1,1'-Biphenyl	9.33	154	490967	29.367	nq	98
46) 2-Chloronaphthalene	9.36	162	381945	28.878	nq	99
47) 2-Nitroaniline	9.47	65	181026	36.949	nq	88
48) Acenaphthylene	9.78	152	569169	27.969	nq	99
49) Dimethylphthalate	9.63	163	497895	31.108	nq	99
50) 2,6-Dinitrotoluene	9.70	165	78567	23.392	nq #	83
51) Acenaphthene	9.95	154	332119	27.988	nq	99
52) 3-Nitroaniline	9.88	138	134836	31.642	nq	93
54) Dibenzofuran	10.12	168	478734	29.389	nq	95
55) 4-Nitrophenol	10.06	139	112774	42.700	nq #	86
56) 2,4-Dinitrotoluene	10.12	165	84281	19.841	nq #	55
57) Fluorene	10.47	166	372032	26.810	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	72637	25.616	nq #	93
59) Diethylphthalate	10.33	149	461312	30.136	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	166328	28.265	nq	96
61) 4-Nitroaniline	10.50	138	134441	31.586	nq	95
62) Azobenzene	10.62	77	435506	27.950	nq	96
64) 4,6-Dinitro-2-methylphenol	10.71	198	286	5.088	nq #	1
65) n-Nitrosodiphenylamine	10.57	169	329958	31.997	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	89117	28.885	nq	96
67) Hexachlorobenzene	11.02	284	89208	26.640	nq	97
68) Atrazine	11.10	200	78931	25.466	nq	98
69) Pentachlorophenol	11.23	266	44239	27.323	nq	94
70) Phenanthrene	11.44	178	498439	30.581	nq	99
71) Anthracene	11.49	178	504215	30.168	nq	99
72) Carbazole	11.65	167	472516	28.390	nq	99
73) Di-n-butylphthalate	11.96	149	817418	39.249	nq	99
74) Fluoranthene	12.63	202	557578	34.043	nq	98
76) Benzidine	12.76	184	224937	34.860	nq	97
77) Pyrene	12.87	202	586725	43.601	nq	99
79) Butylbenzylphthalate	13.46	149	235489	33.122	nq	94
80) Benzo(a)anthracene	14.06	228	423958	37.857	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	107383	26.868	nq	97
82) Chrysene	14.10	228	396669	36.480	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	310940	32.409	nq #	100
84) Di-n-octyl phthalate	14.64	149	499134	32.199	nq	95
85) Indeno(1,2,3-cd)pyrene	17.14	276	282651	32.834	nq	98
87) Benzo(b)fluoranthene	15.17	252	258771	28.880	nq	97
88) Benzo(k)fluoranthene	15.17	252	258771	30.670	nq	99
89) Benzo(a)pyrene	15.53	252	345439	43.172	nq	96
90) Dibenzo(a,h)anthracene	17.14	278	197464	31.938	nq	95
91) Benzo(g,h,i)perylene	17.62	276	259929	43.016	nq	97

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

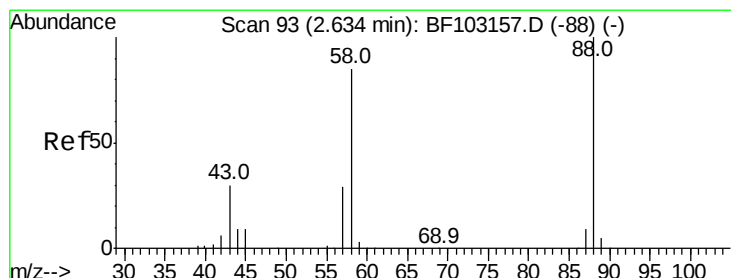
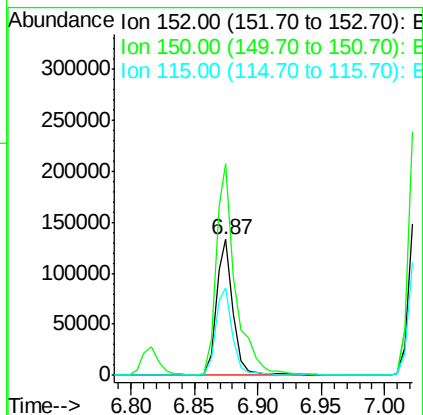
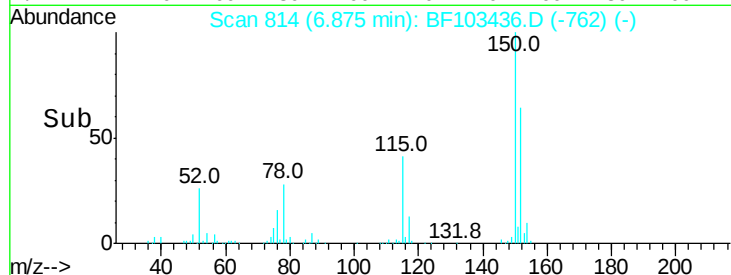
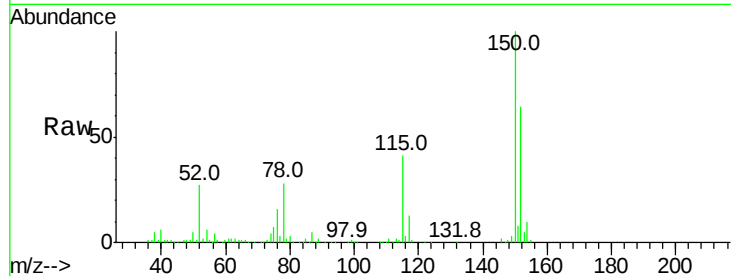


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

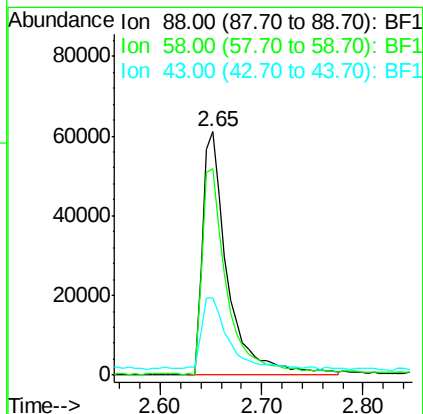
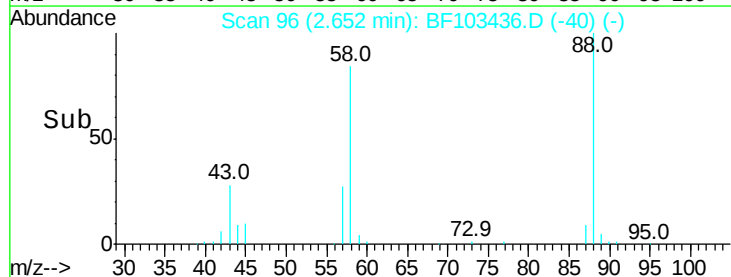
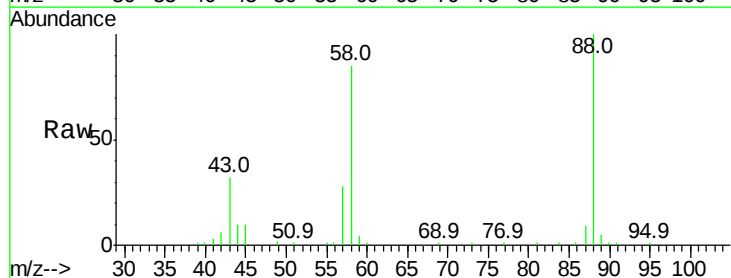
Tot Ion:152 Resp: 123407
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 64.4 50.1 75.1

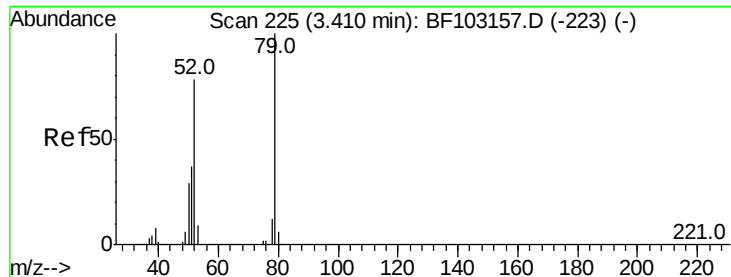


#2

1,4-Dioxane
Concen: 24.254 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion: 88 Resp: 104526
Ion Ratio Lower Upper
88 100
58 86.5 62.6 93.8
43 30.2 24.6 37.0





#3

Pvridine

Concen: 23.879 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.05 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

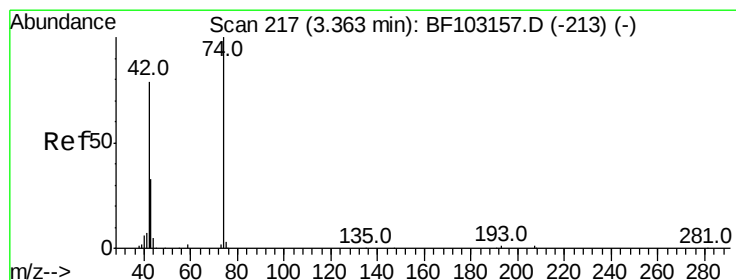
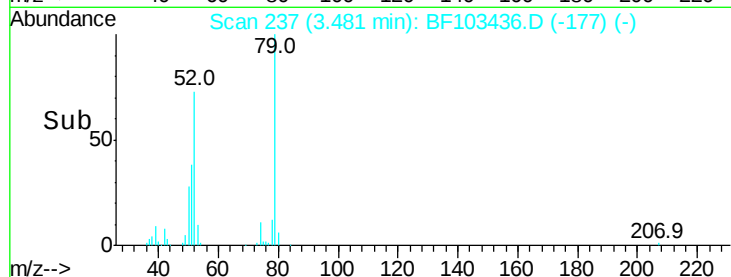
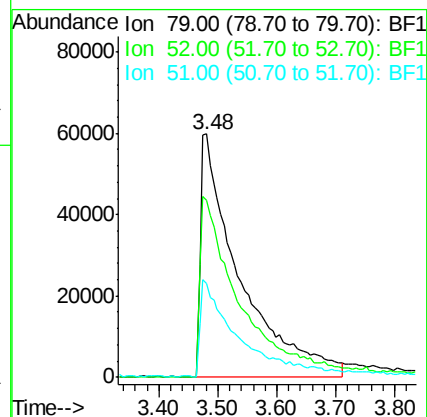
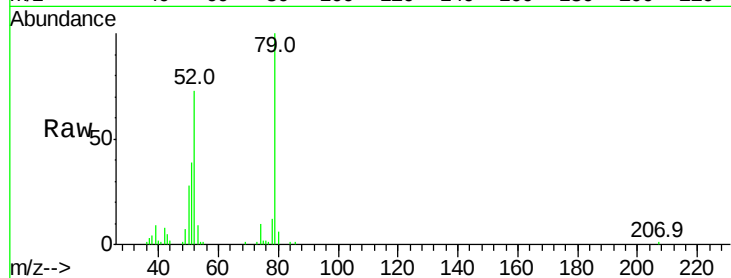
Tot Ion: 79 Resp: 274728

Ion Ratio Lower Upper

79 100

52 72.8 59.8 89.6

51 38.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.683 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.02 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

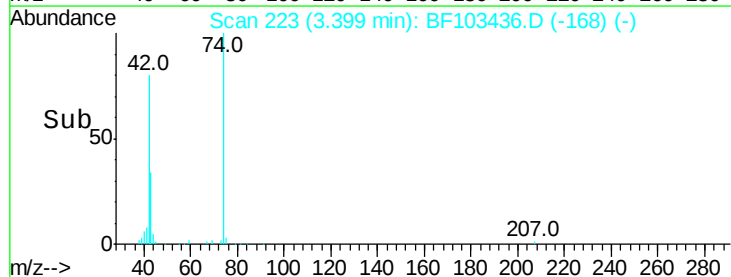
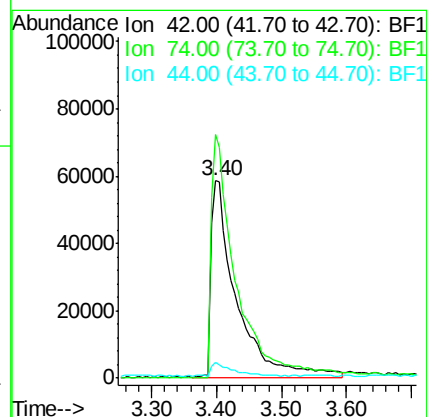
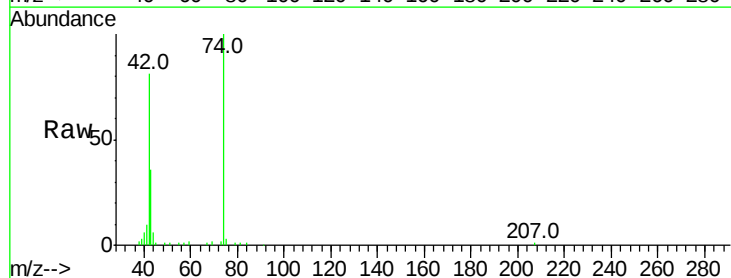
Tgt Ion: 42 Resp: 160933

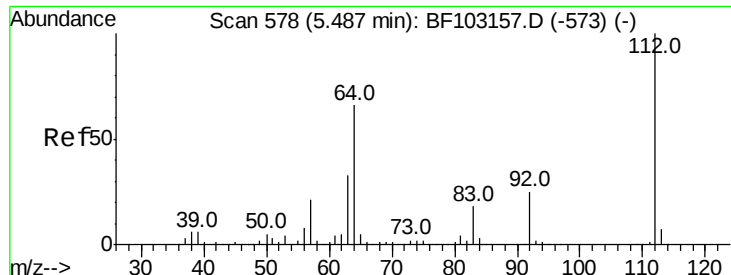
Ion Ratio Lower Upper

42 100

74 123.3 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 94.695 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampled :

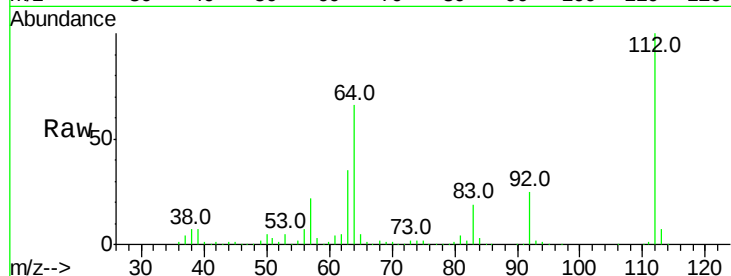
Tot Ion:112 Resp: 772670

Ion Ratio Lower Upper

112 100

64 66.4 47.9 71.9

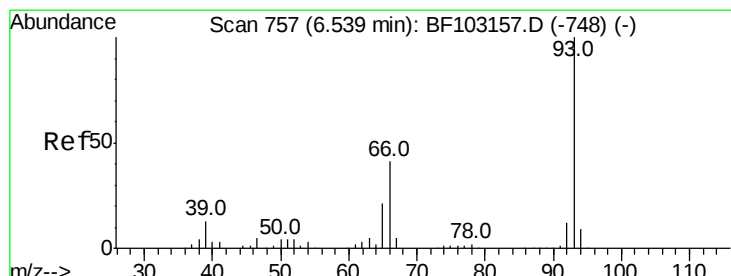
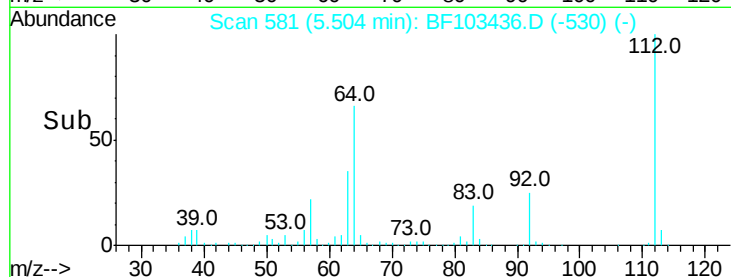
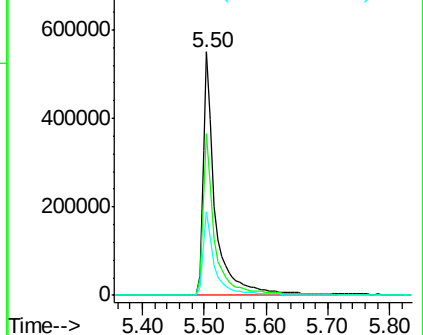
63 34.5 23.7 35.5



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: 16.267 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

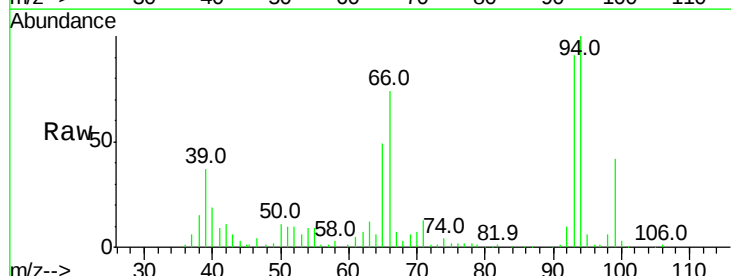
Tgt Ion: 93 Resp: 234398

Ion Ratio Lower Upper

93 100

66 81.3 32.2 48.2#

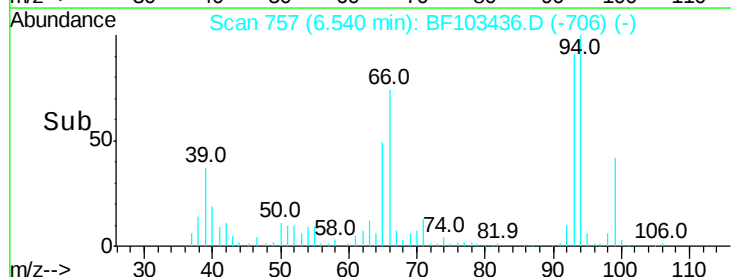
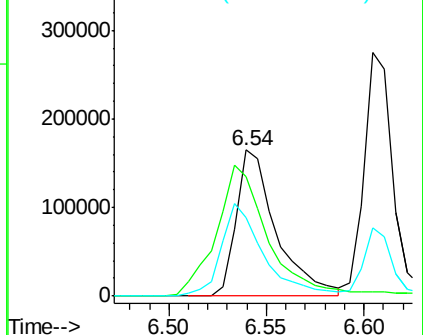
65 53.6 16.4 24.6#

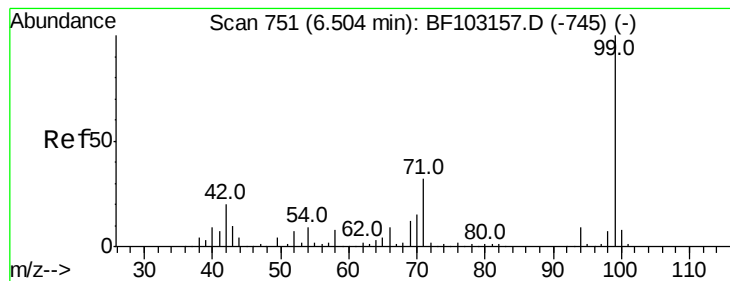


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.100 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

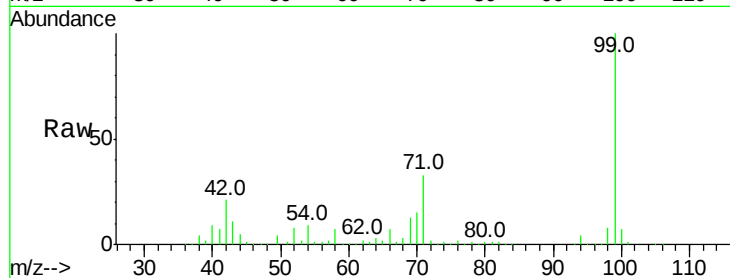
Tot Ion: 99 Resp: 899596

Ion Ratio Lower Upper

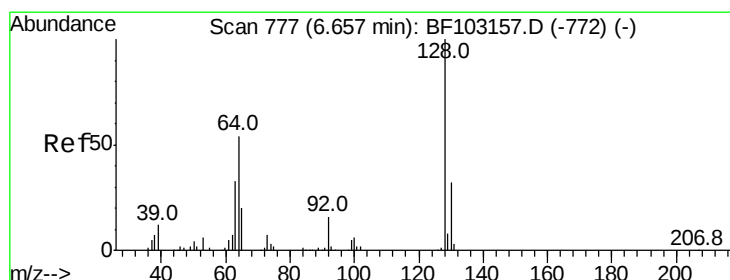
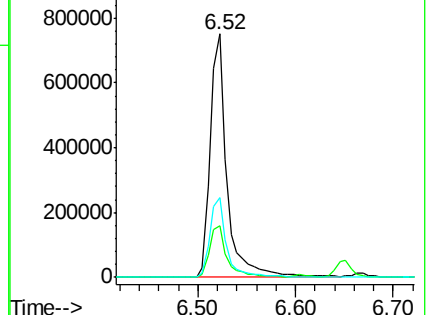
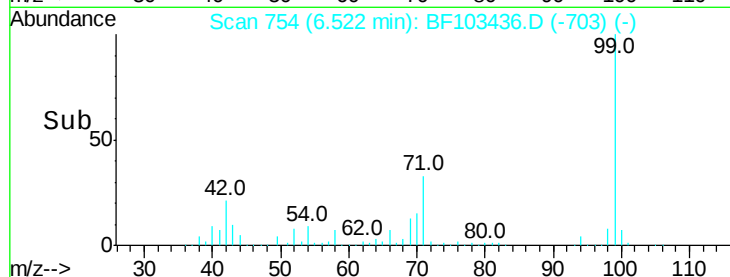
99 100

42 21.0 14.5 21.7

71 32.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 30.858 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

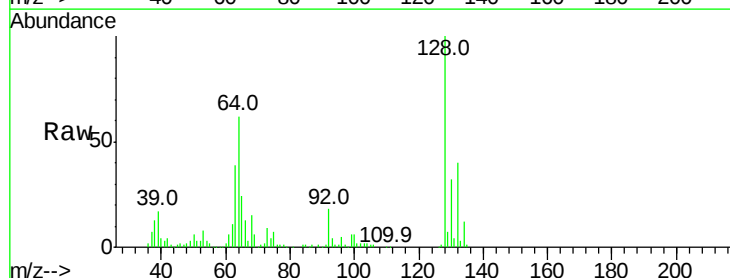
Tgt Ion: 128 Resp: 261563

Ion Ratio Lower Upper

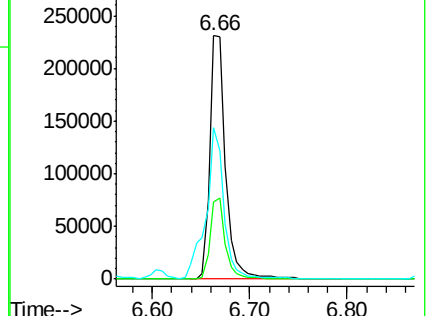
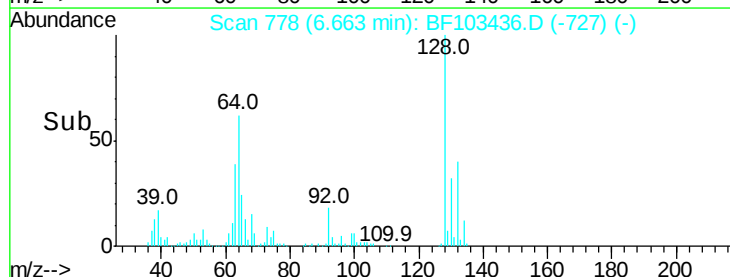
128 100

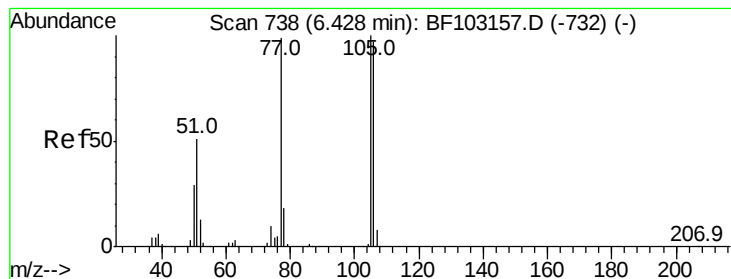
130 32.0 13.0 53.0

64 62.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.961 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

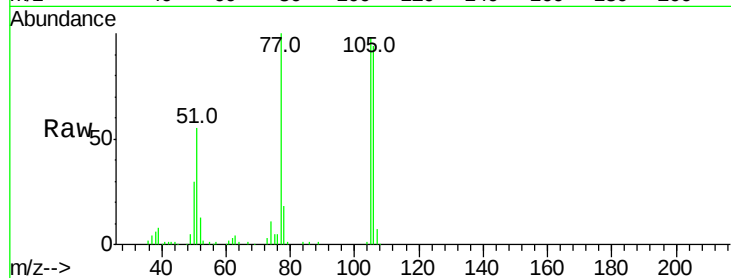
Tot Ion: 77 Resp: 109067

Ion Ratio Lower Upper

77 100

105 98.1 81.1 121.1

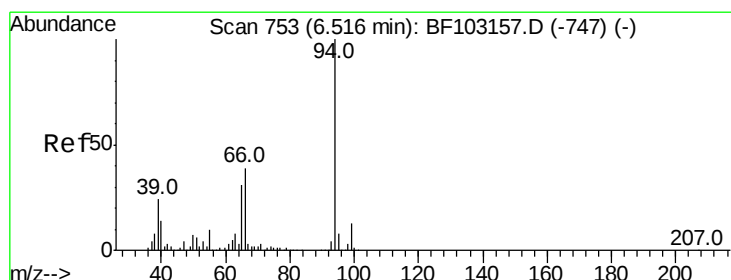
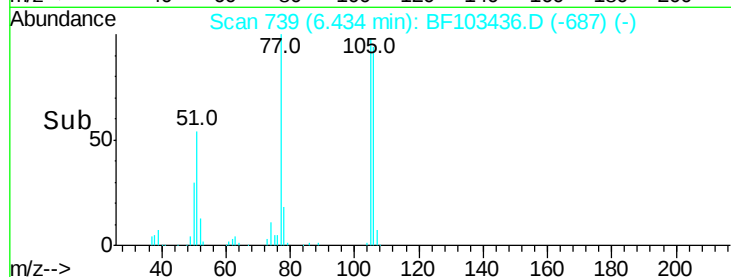
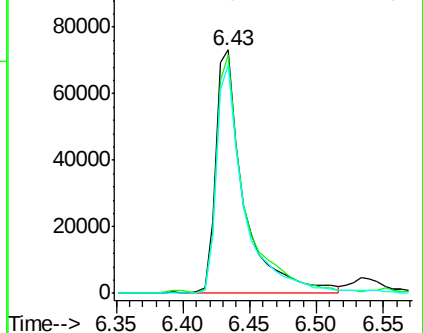
106 93.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 29.659 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

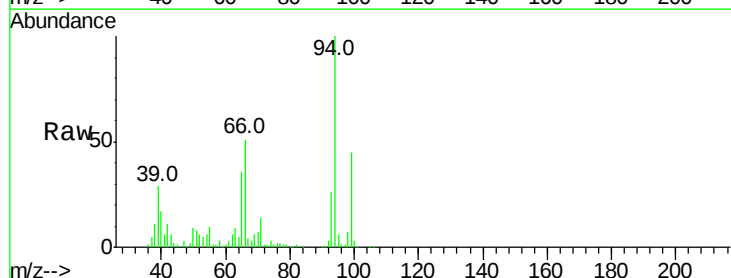
Tgt Ion: 94 Resp: 343777

Ion Ratio Lower Upper

94 100

65 35.5 7.9 47.9

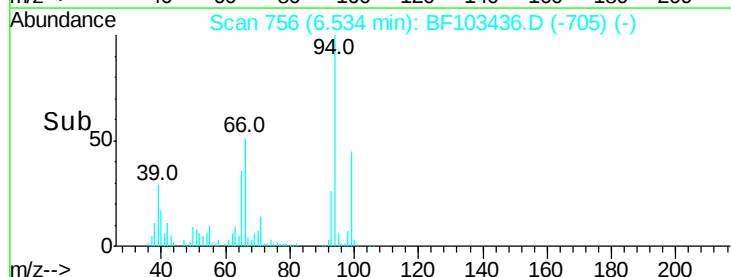
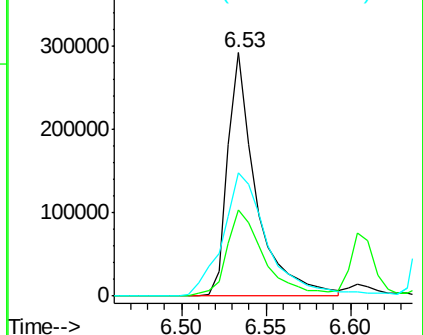
66 50.5 16.2 56.2

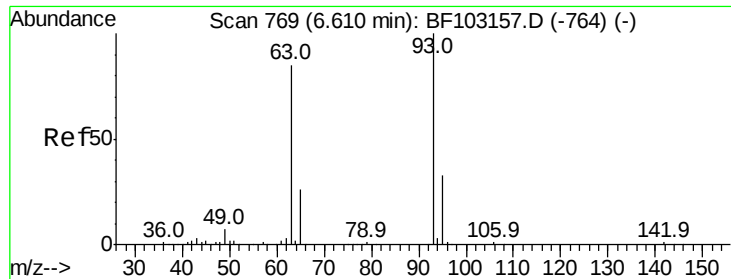


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 32.275 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

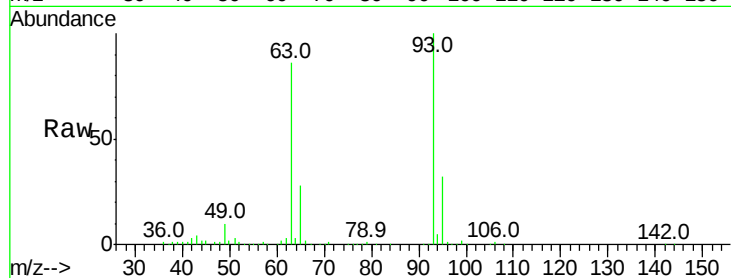
Tot Ion: 93 Resp: 283929

Ion Ratio Lower Upper

93 100

63 85.7 58.6 98.6

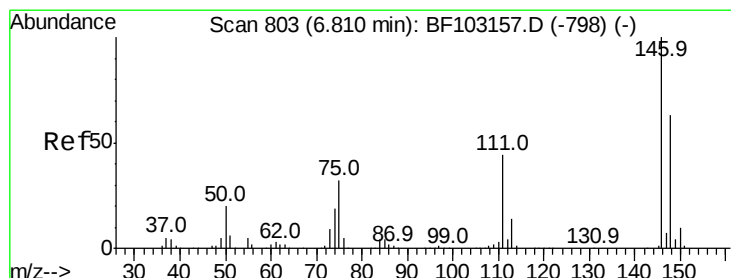
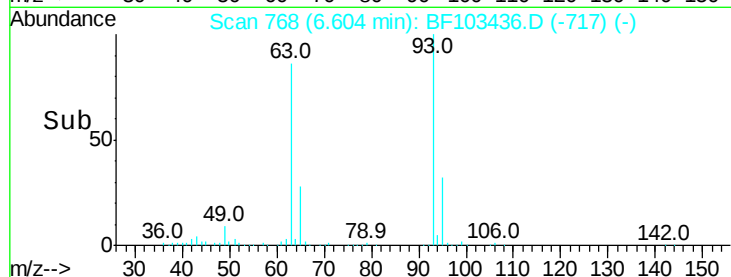
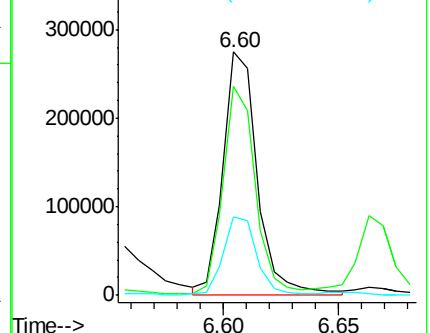
95 32.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 27.813 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

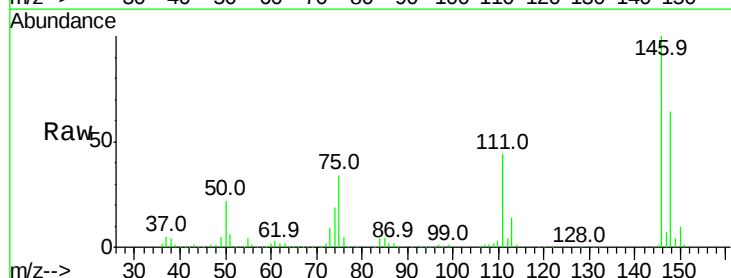
Tgt Ion:146 Resp: 269413

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

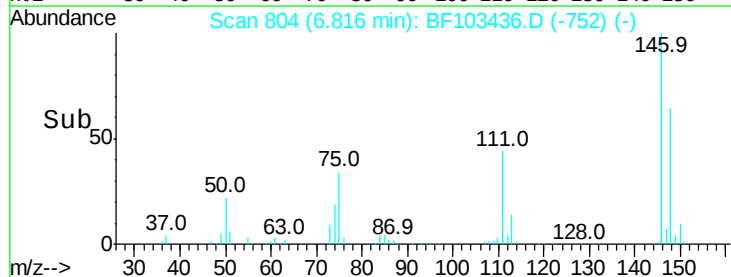
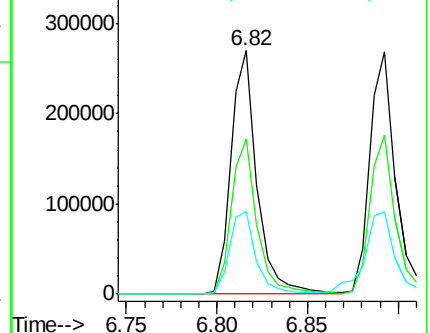
75 33.8 24.2 36.4

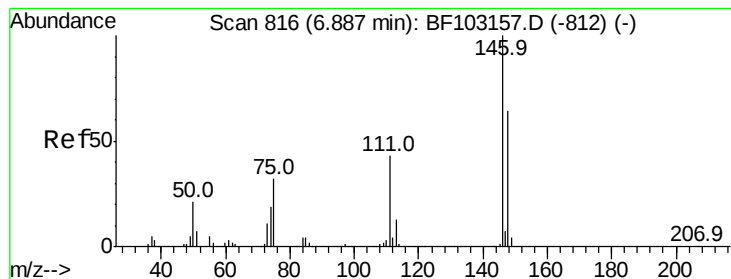


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 28.375 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

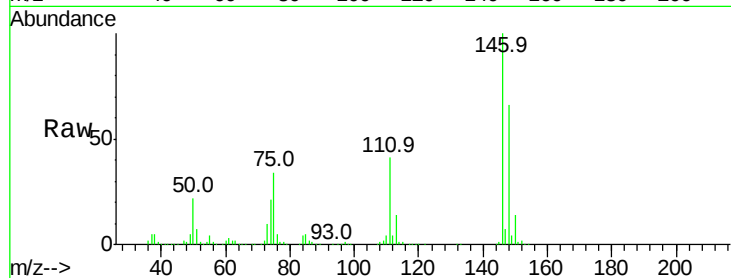
Tot Ion:146 Resp: 275567

Ion Ratio Lower Upper

146 100

148 65.6 50.8 76.2

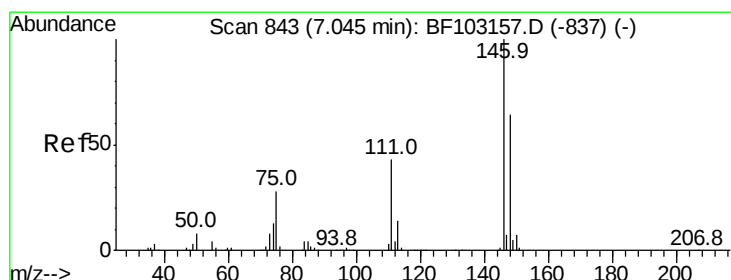
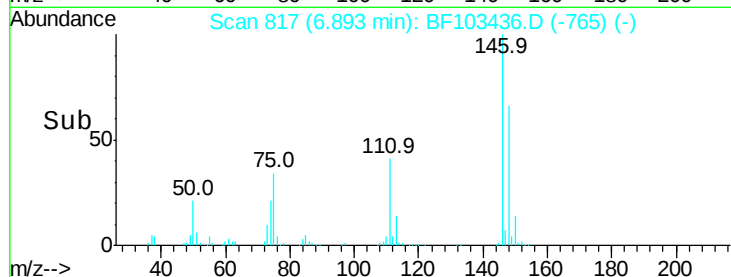
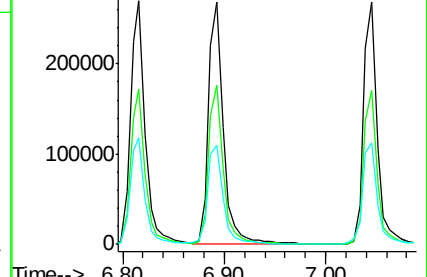
111 41.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 28.393 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

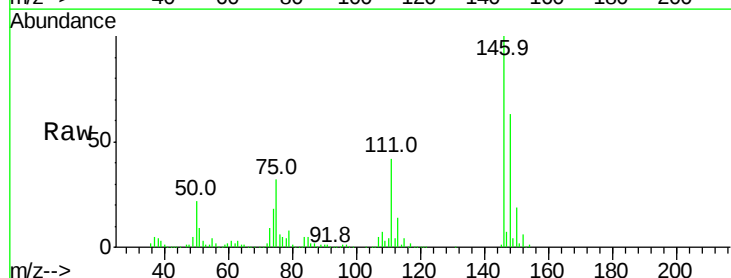
Tgt Ion:146 Resp: 254255

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

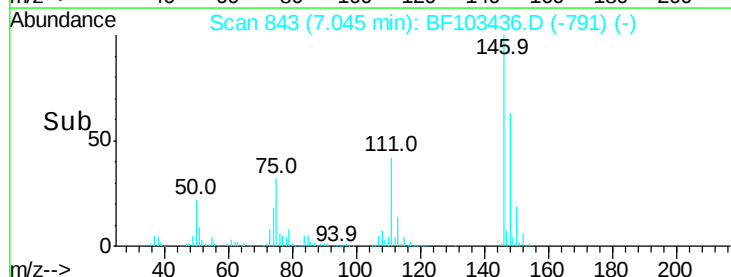
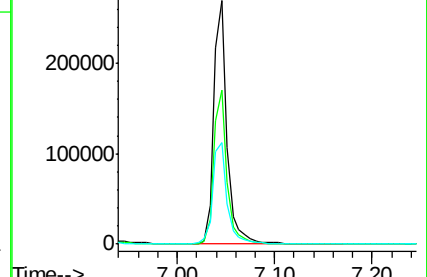
111 41.9 36.0 54.0

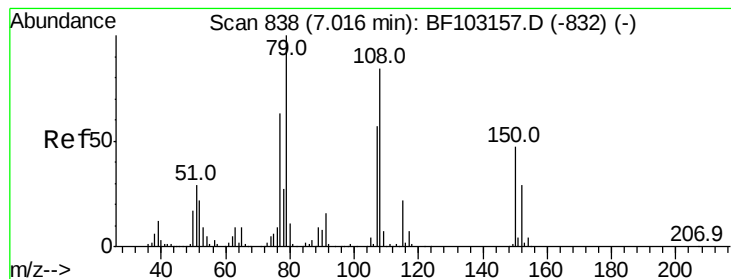


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.511 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampled :

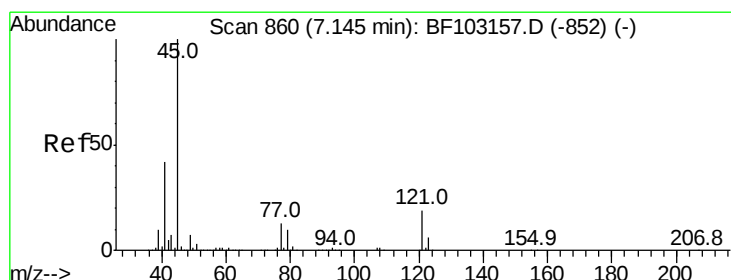
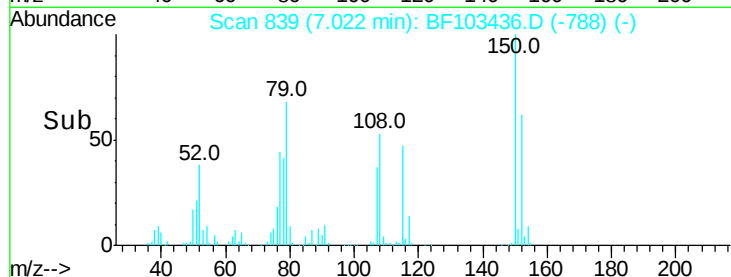
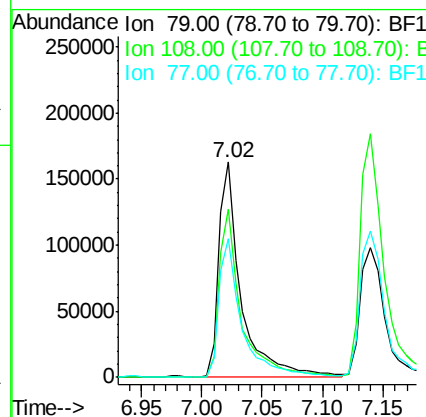
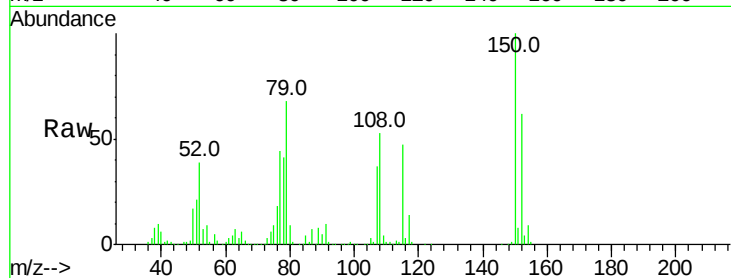
Tot Ion: 79 Resp: 206982

Ion Ratio Lower Upper

79 100

108 78.3 65.1 97.7

77 64.6 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.544 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

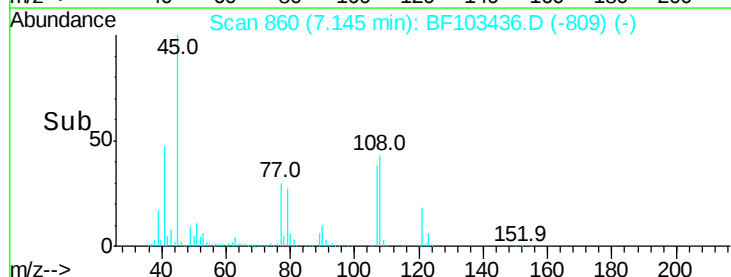
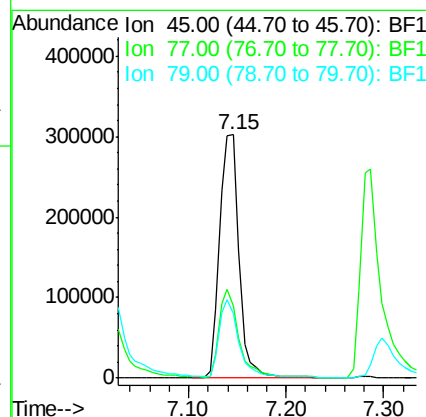
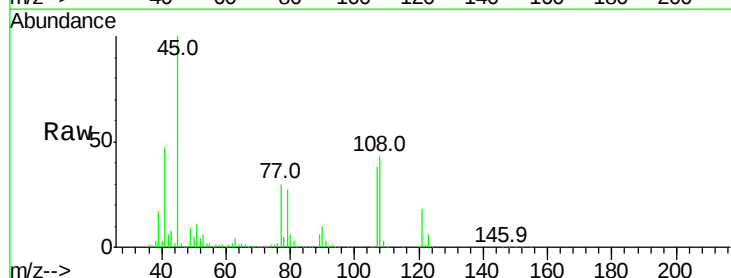
Tgt Ion: 45 Resp: 416099

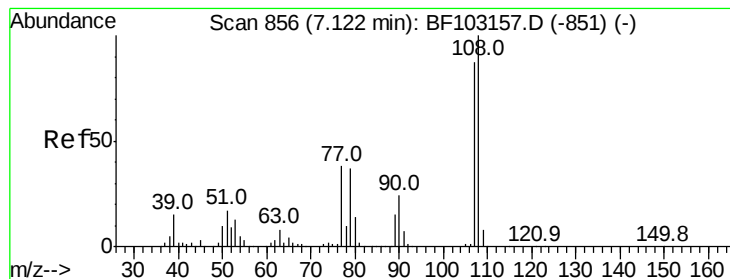
Ion Ratio Lower Upper

45 100

77 29.7 0.0 32.9

79 26.7 0.0 29.6





#17

2-Methylphenol

Concen: 28.244 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 217562

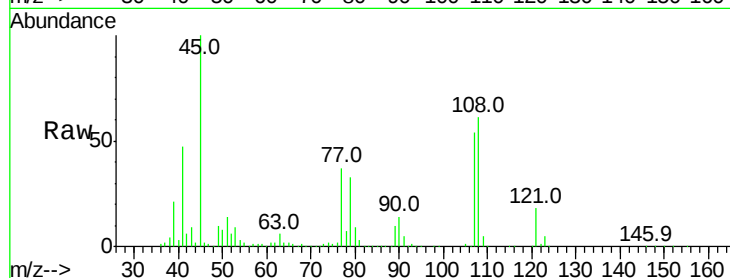
Ion Ratio Lower Upper

107 100

108 114.2 91.7 137.5

77 68.6 33.8 50.8#

79 60.6 33.8 50.8#



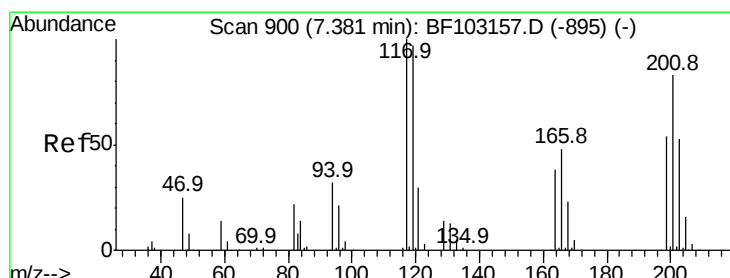
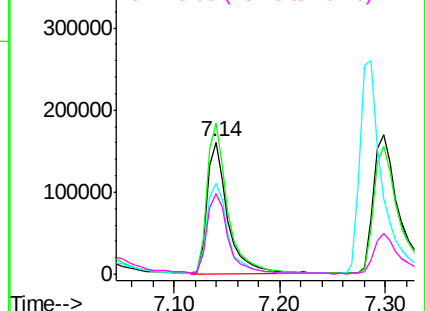
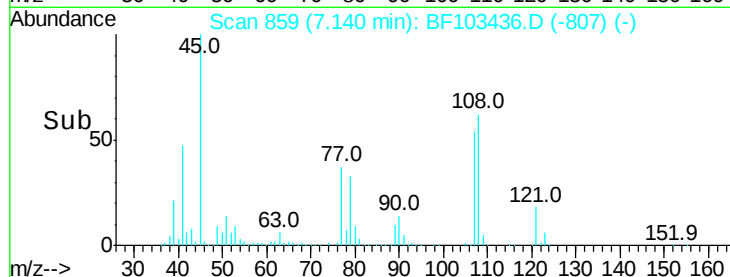
Abundance

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: 15.031 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

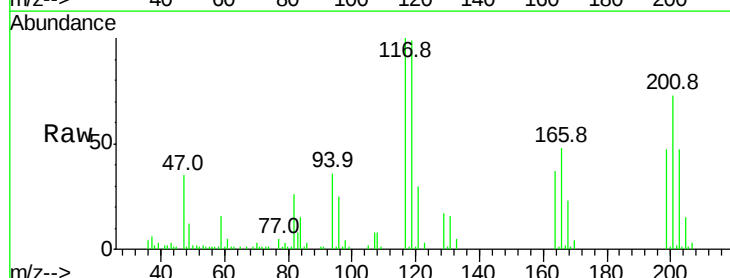
Tgt Ion:117 Resp: 53142

Ion Ratio Lower Upper

117 100

119 98.6 75.8 113.8

201 73.4 75.7 113.5#

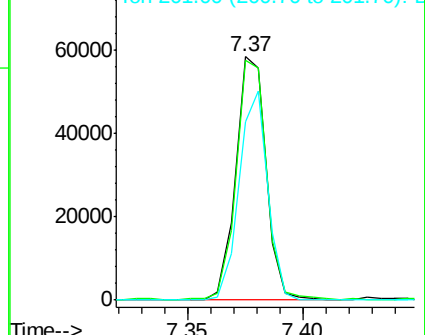
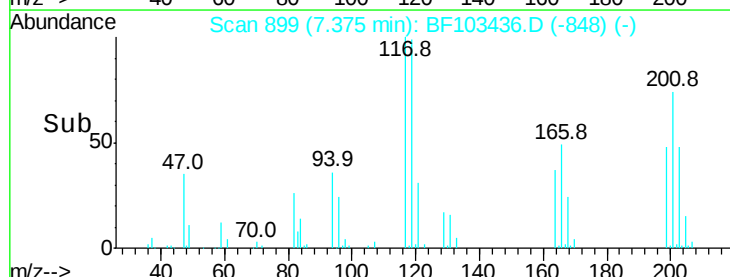


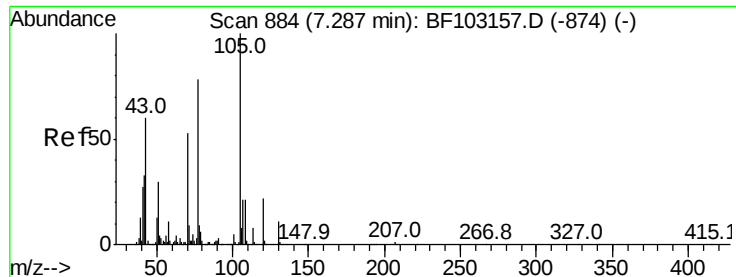
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

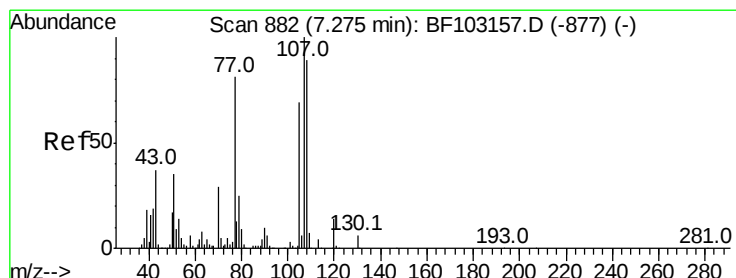
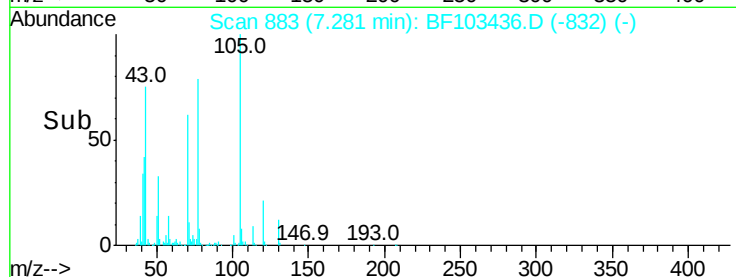
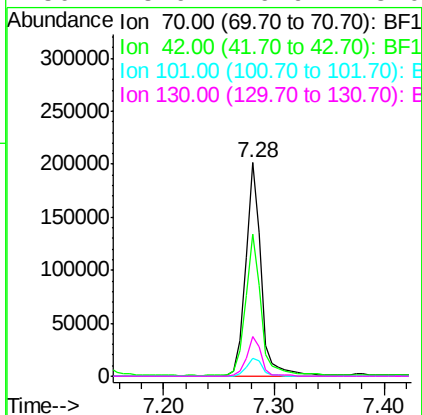
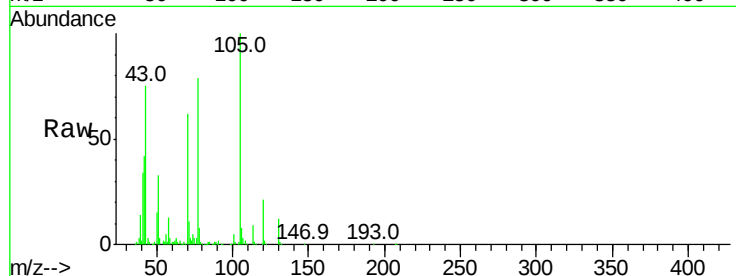




#19
n-Nitroso-di-n-propylamine
Concen: 31.947 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

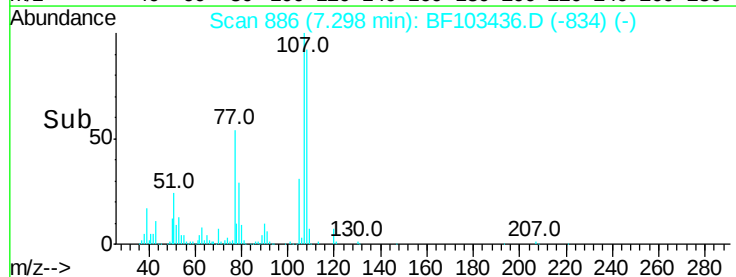
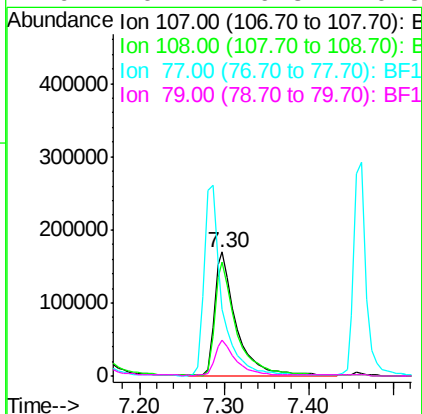
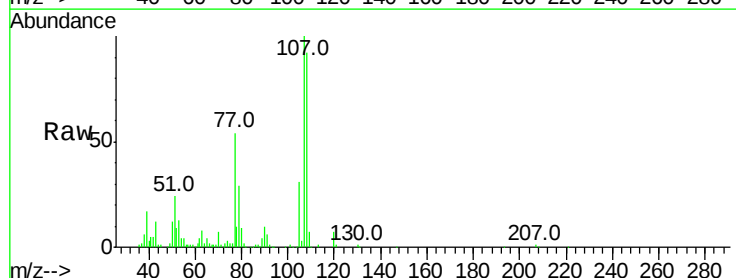
Instrument :
BNA_F
ClientSampleId :

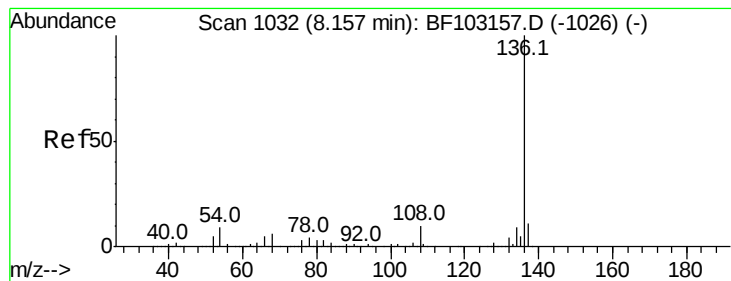
Tot Ion: 70 Resp: 198514
Ion Ratio Lower Upper
70 100
42 66.8 47.5 71.3
101 8.6 7.4 11.2
130 18.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 32.290 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion: 107 Resp: 303206
Ion Ratio Lower Upper
107 100
108 91.8 68.2 108.2
77 54.2 26.7 66.7
79 29.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 499609

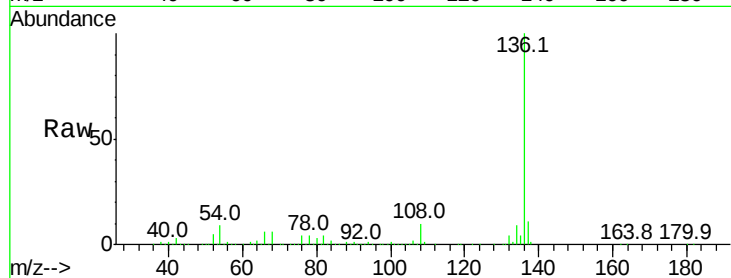
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.3 6.6 9.8

68 6.5 5.0 7.4

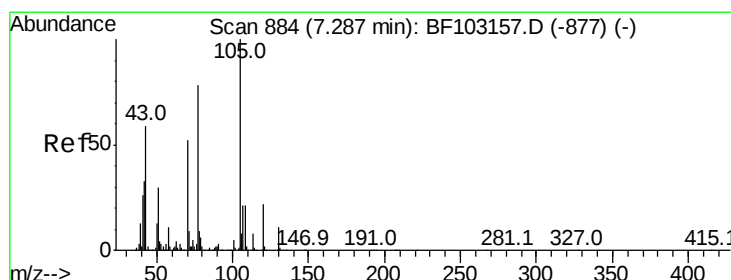
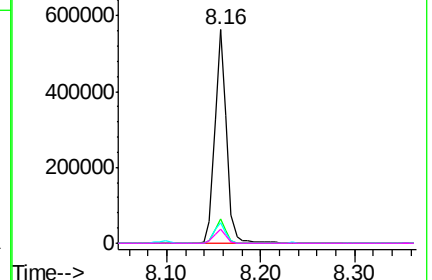
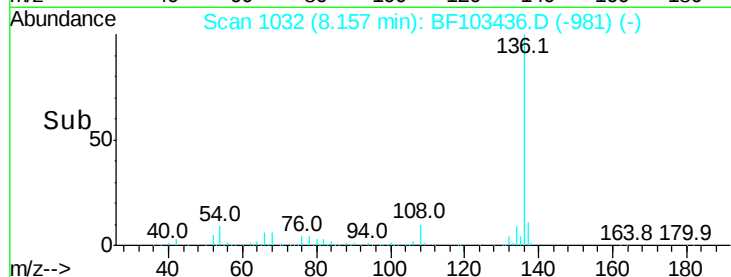


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 32.222 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Tgt Ion:105 Resp: 375758

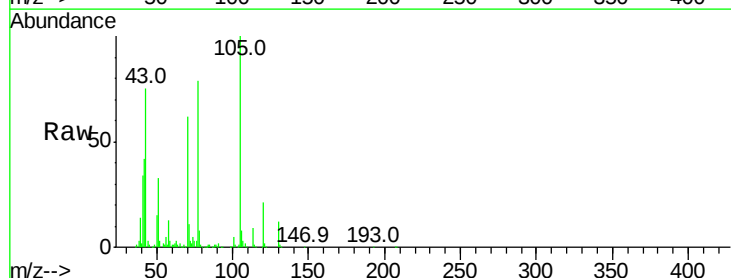
Ion Ratio Lower Upper

105 100

71 10.7 4.4 6.6#

51 33.3 22.3 33.5

120 20.7 16.9 25.3

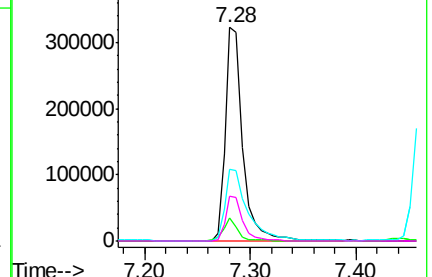
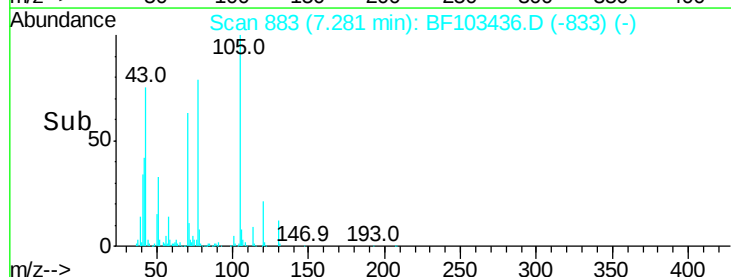


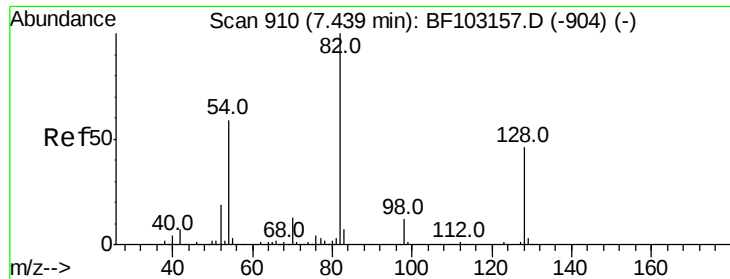
Abundance Ion 105.00 (104.70 to 105.70): E

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

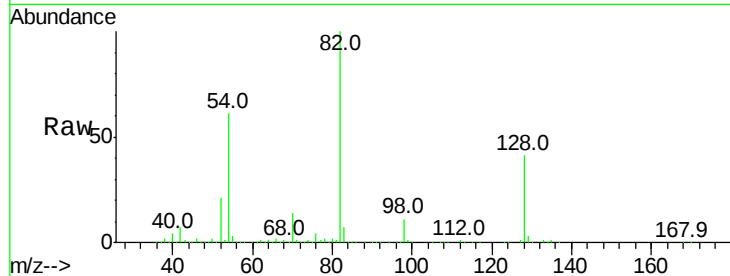




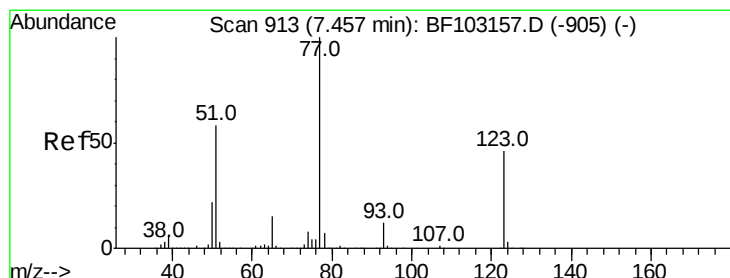
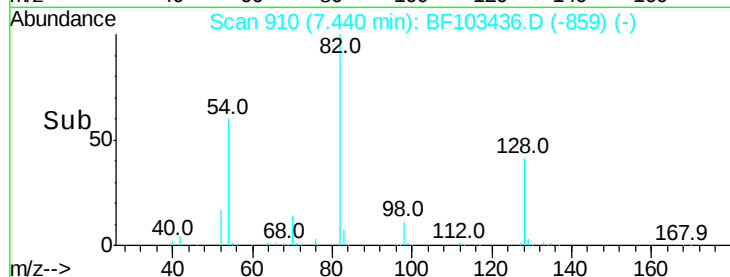
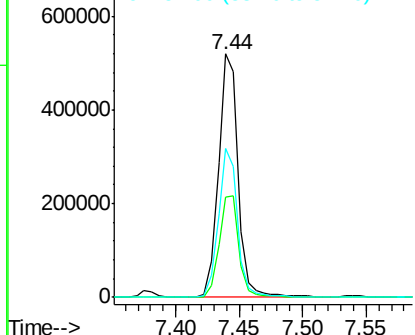
#23
Nitrobenzene-d5
Concen: 64.586 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 565029
Ion Ratio Lower Upper
82 100
128 41.2 36.1 54.1
54 61.2 41.4 62.2

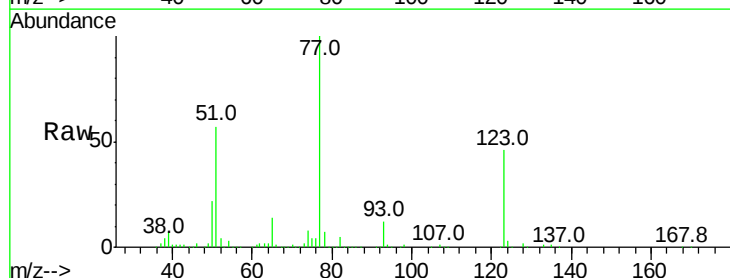


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

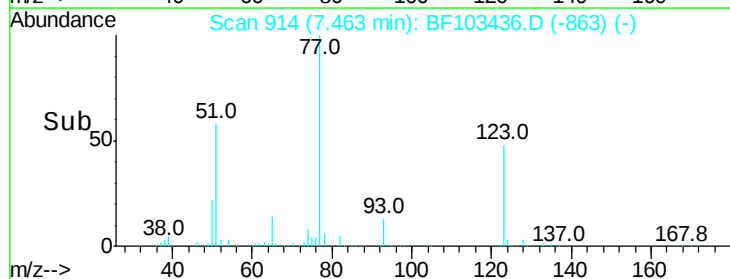
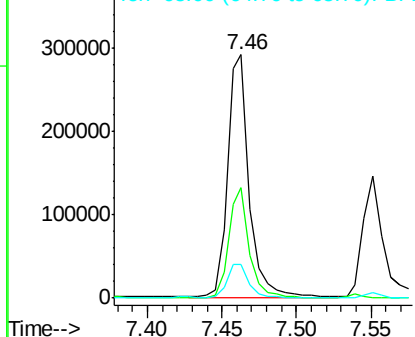


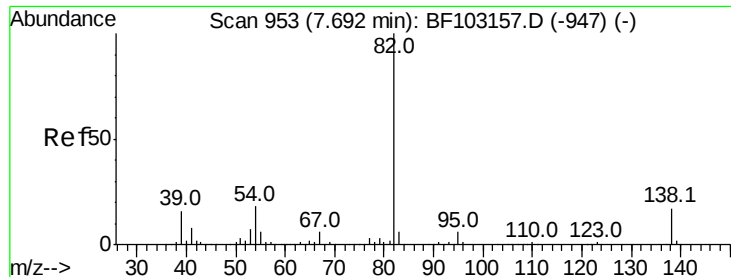
#24
Nitrobenzene
Concen: 30.967 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion: 77 Resp: 298271
Ion Ratio Lower Upper
77 100
123 45.5 37.9 56.9
65 14.0 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: 31.670 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

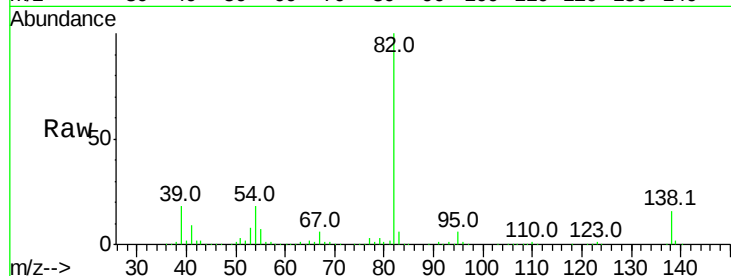
Tot Ion: 82 Resp: 545672

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

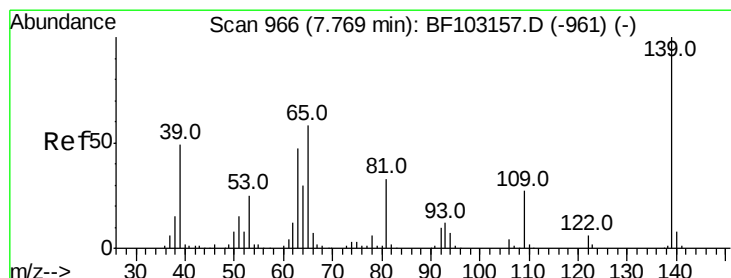
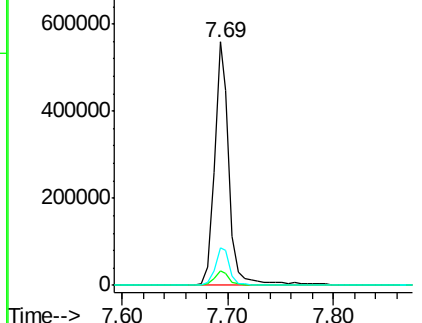
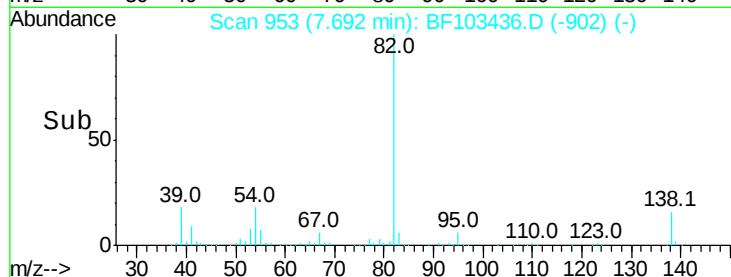
138 15.7 14.9 22.3



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: 20.088 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

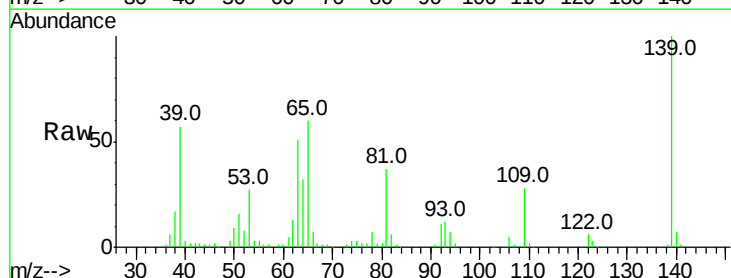
Tgt Ion: 139 Resp: 91087

Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

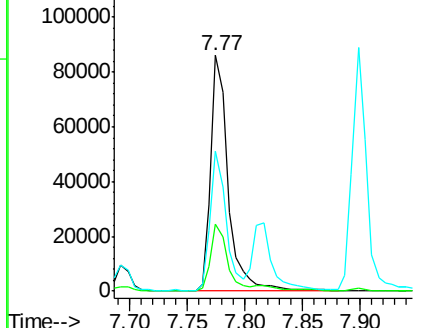
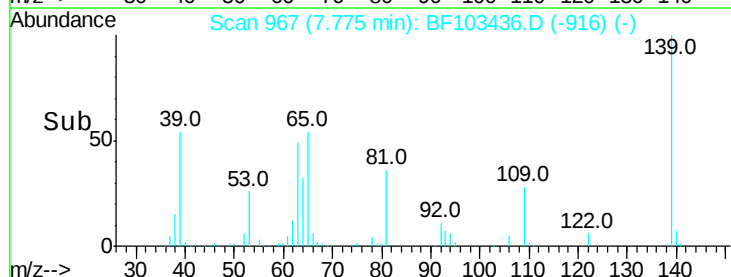
65 59.5 40.5 60.7

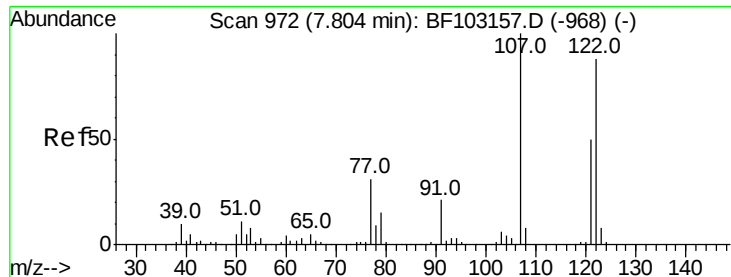


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

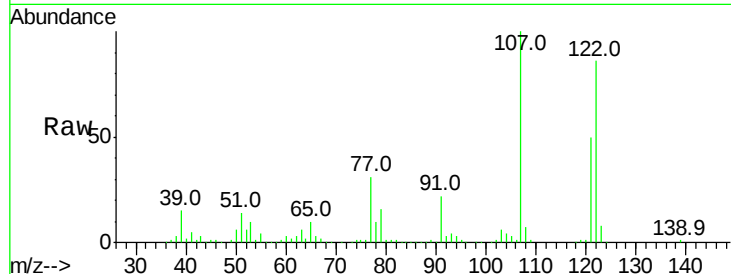




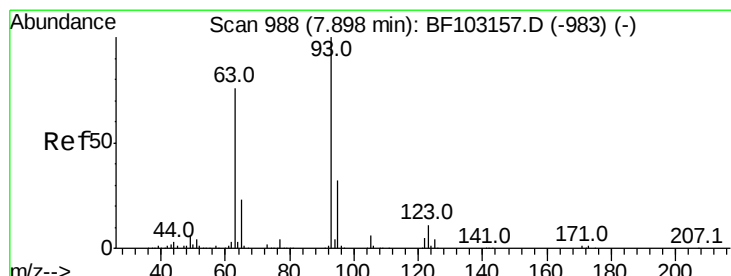
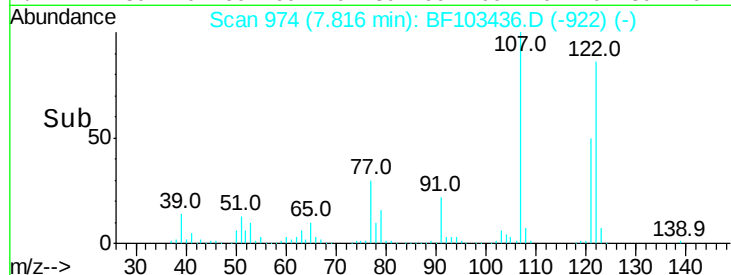
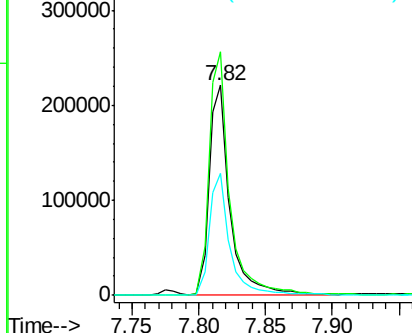
#27
 2,4-Dimethylphenol
 Concen: 34.496 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 239091
 Ion Ratio Lower Upper
 122 100
 107 116.1 91.2 136.8
 121 57.9 47.2 70.8

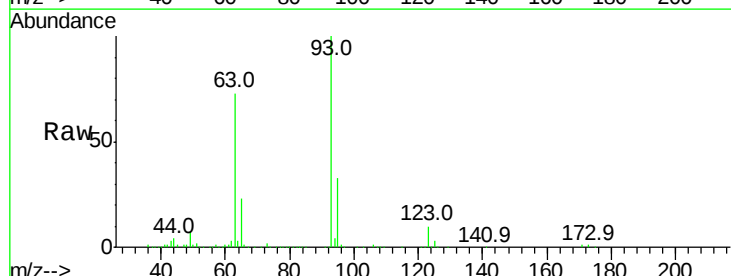


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

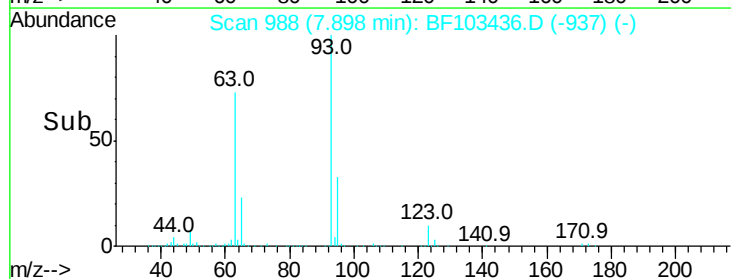
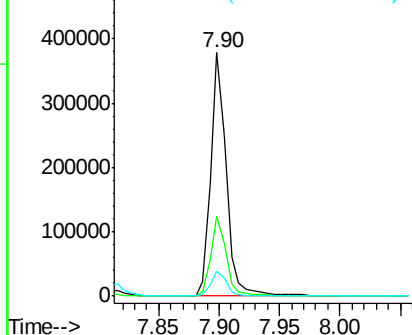


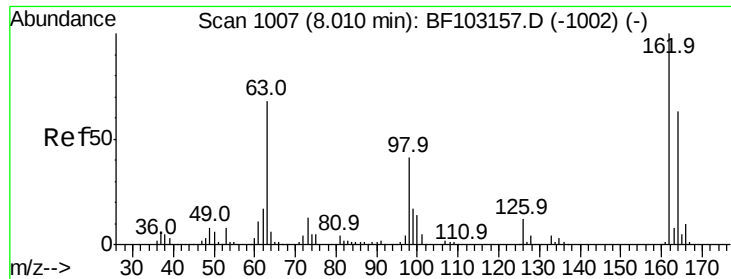
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.240 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion: 93 Resp: 336733
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.4 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

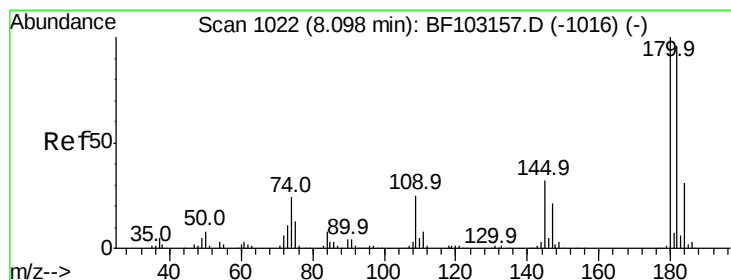
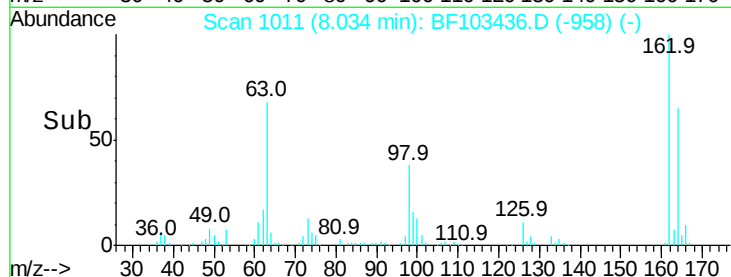
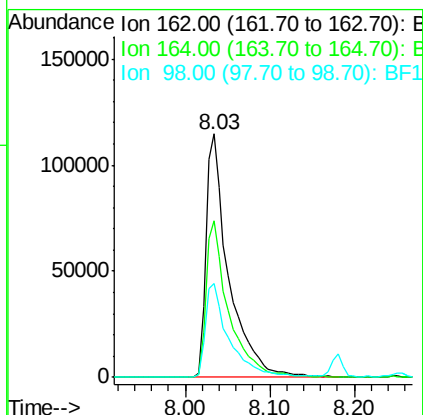
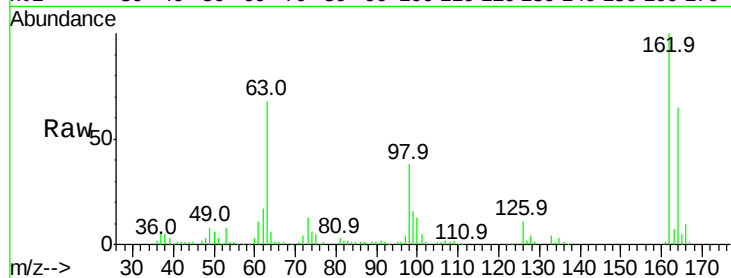




#29
 2,4-Dichlorophenol
 Concen: 32.211 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

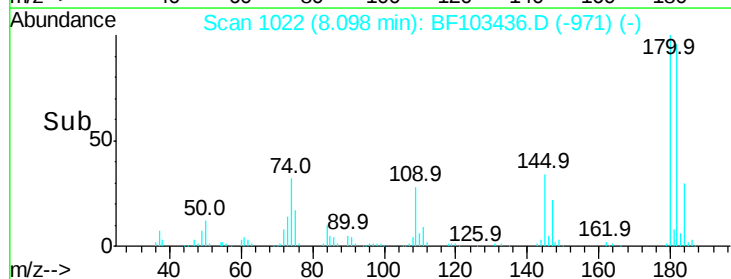
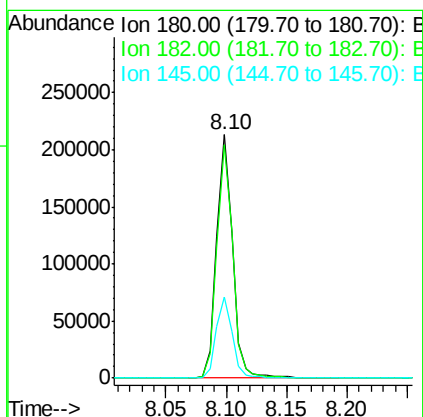
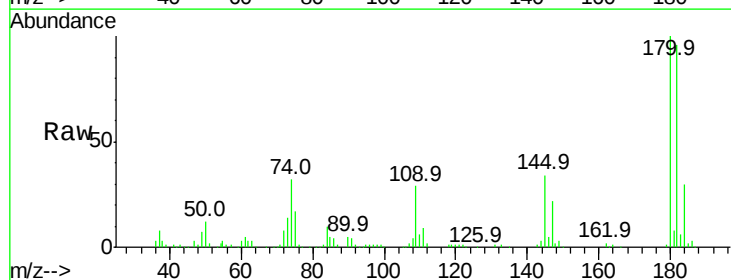
Instrument :
 BNA_F
 ClientSampleId :

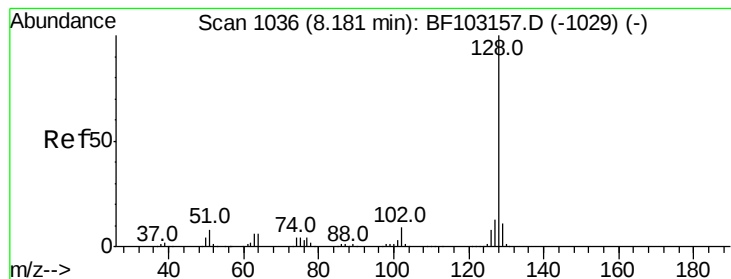
Tot Ion:162 Resp: 213745
 Ion Ratio Lower Upper
 162 100
 164 64.5 42.7 82.7
 98 38.5 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.140 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:180 Resp: 191782
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.8 115.2
 145 33.5 26.5 39.7





#31

Naphthalene

Concen: 29.308 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampled :

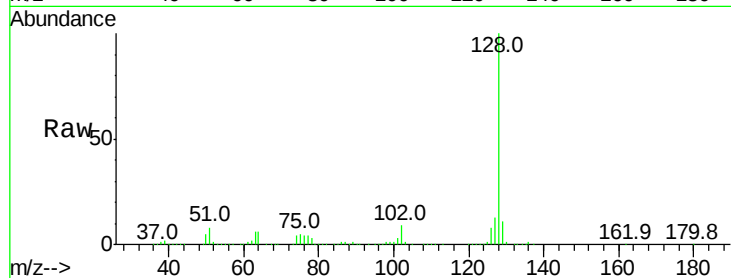
Tot Ion:128 Resp: 716858

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

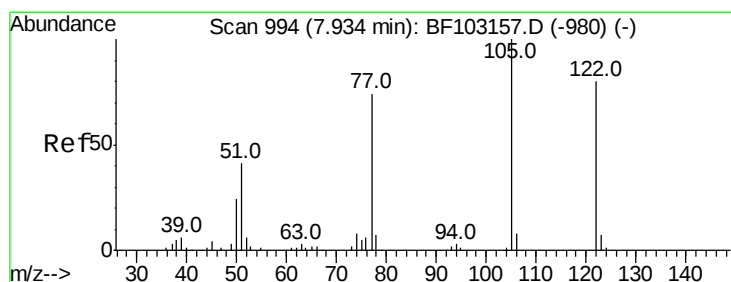
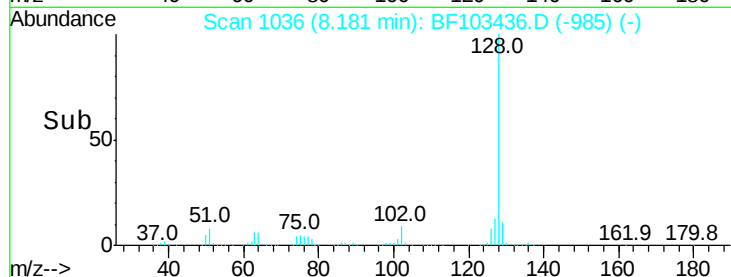
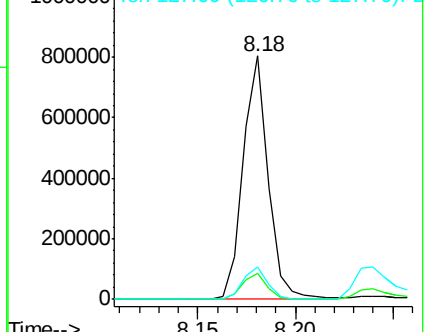
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.713 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.15 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

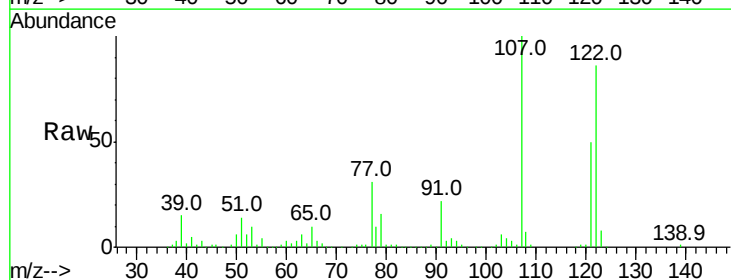
Tgt Ion:122 Resp: 239091

Ion Ratio Lower Upper

122 100

105 4.0 101.1 141.1#

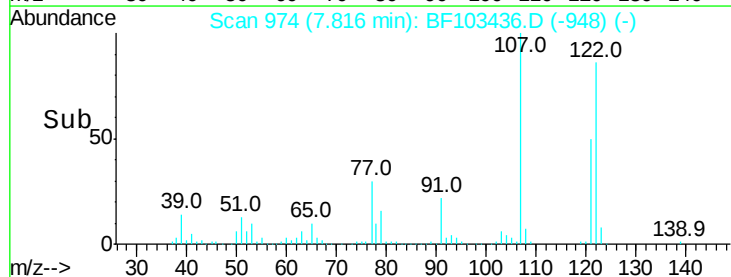
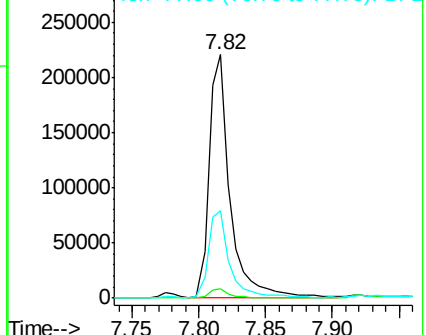
77 35.8 70.7 110.7#

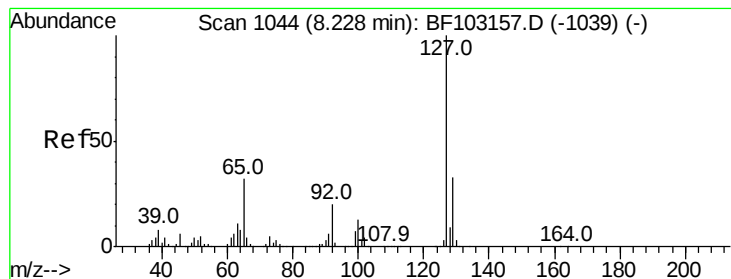


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 16.061 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 169523

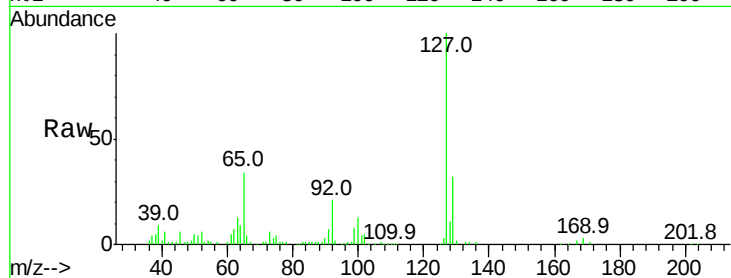
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 34.4 25.0 37.4

92 20.8 15.2 22.8

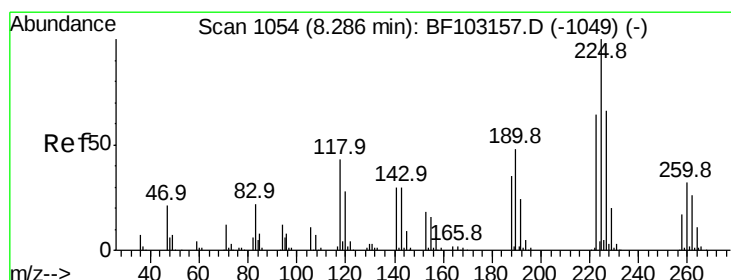
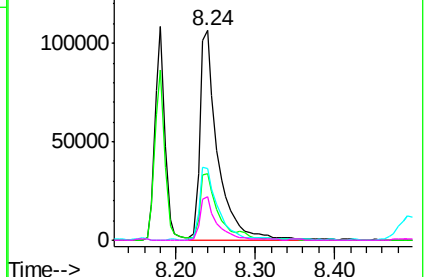
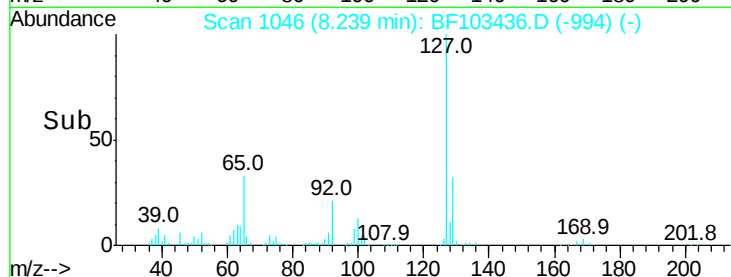


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 26.201 ng

RT: 8.29 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

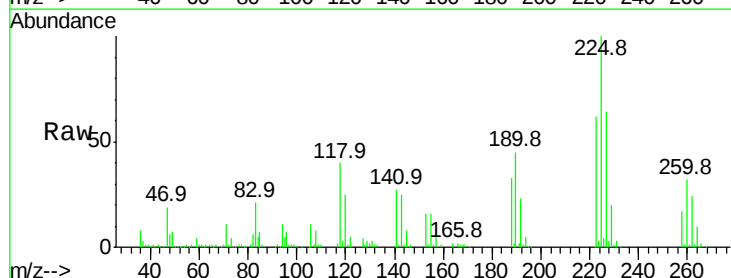
Tgt Ion:225 Resp: 96413

Ion Ratio Lower Upper

225 100

223 62.2 50.6 76.0

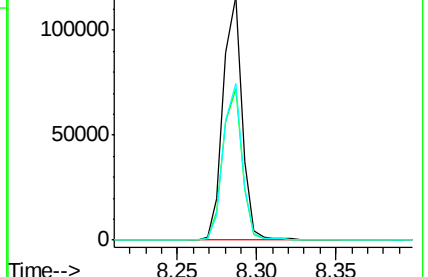
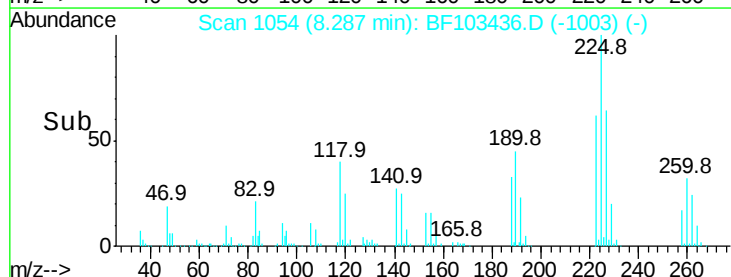
227 64.4 51.9 77.9

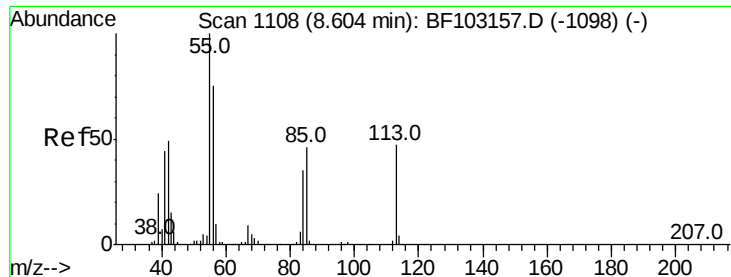


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.799 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampled :

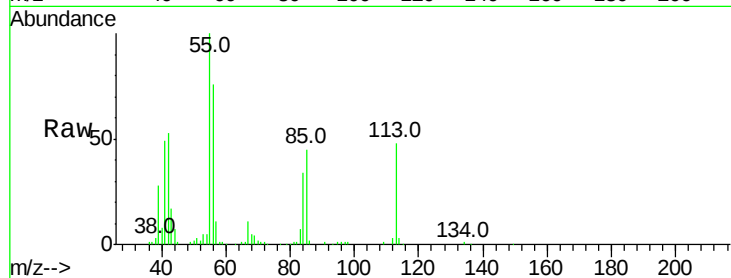
Tot Ion:113 Resp: 69497

Ion Ratio Lower Upper

113 100

55 210.1 163.3 203.3#

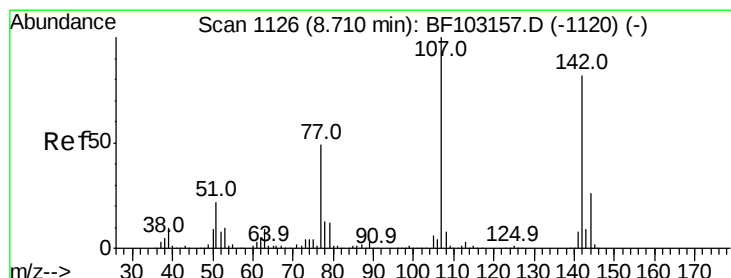
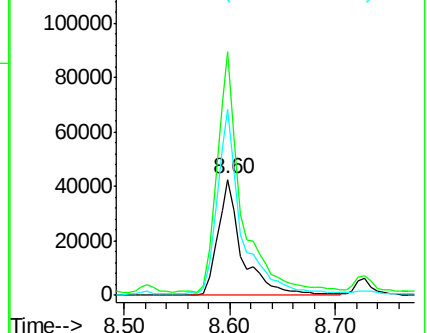
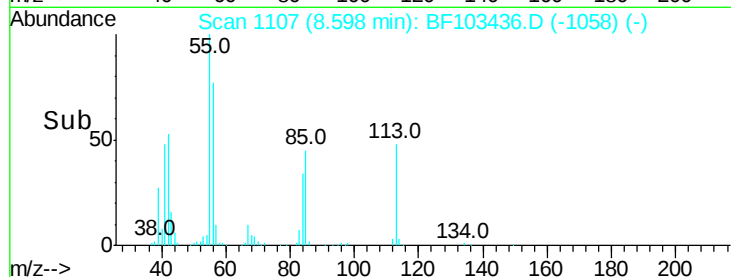
56 160.1 115.7 155.7#



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: 30.443 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

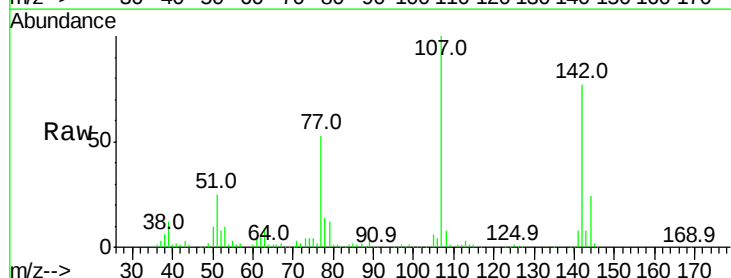
Tgt Ion:107 Resp: 227853

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

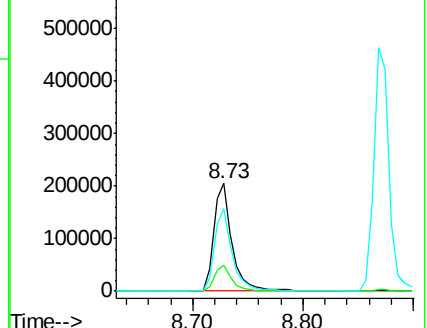
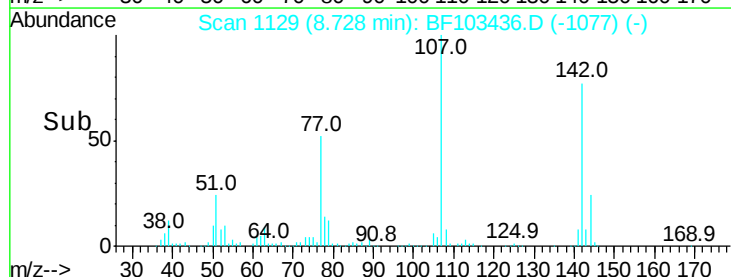
142 76.8 62.0 93.0

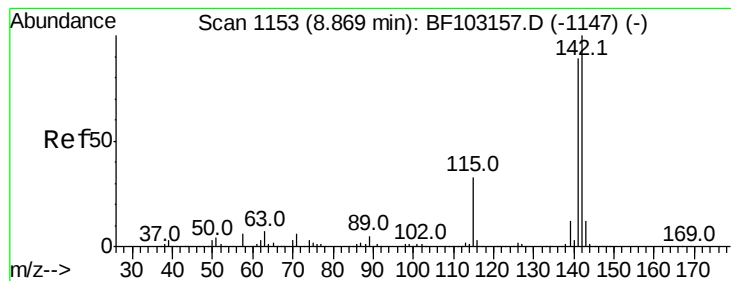


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

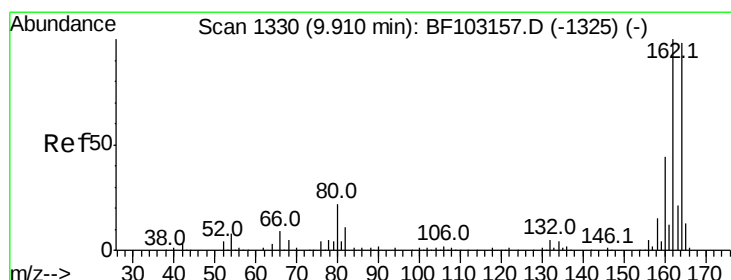
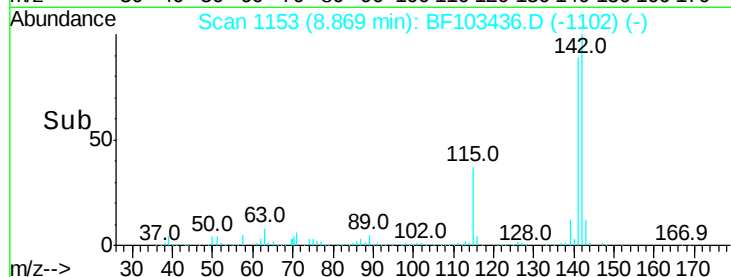
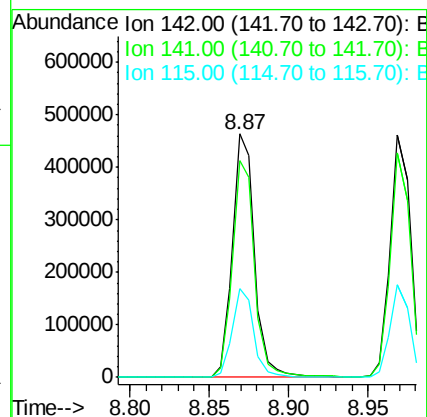
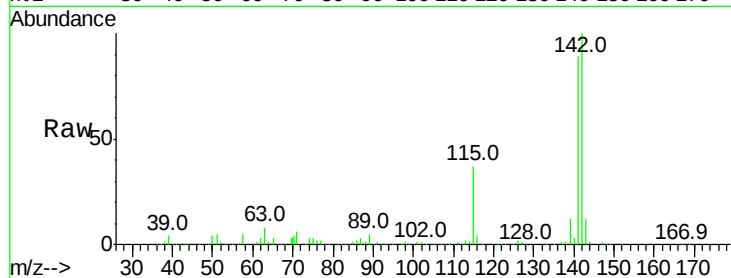




#37
2-Methylnaphthalene
Concen: 28.293 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

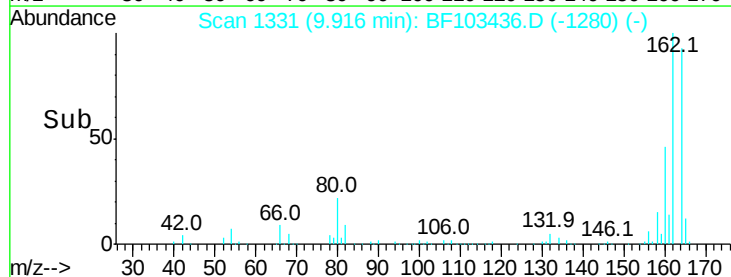
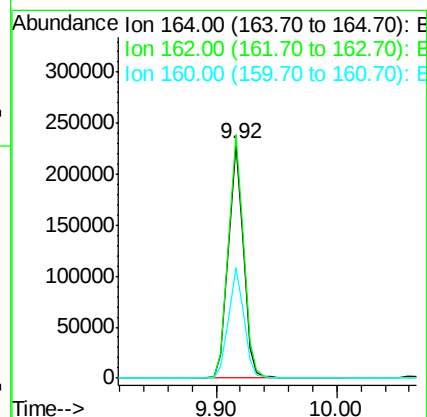
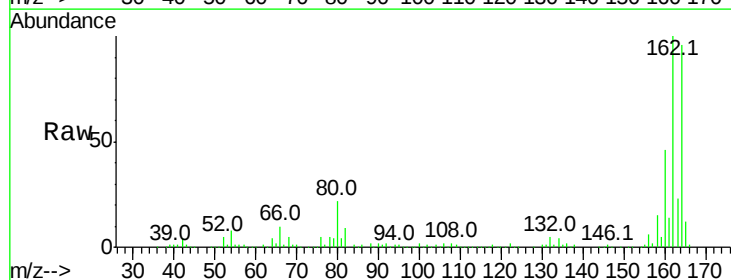
Instrument :
BNA_F
ClientSampleId :

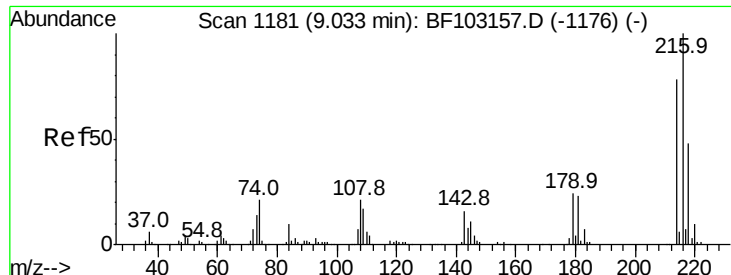
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	36.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	47.5	38.3	57.5

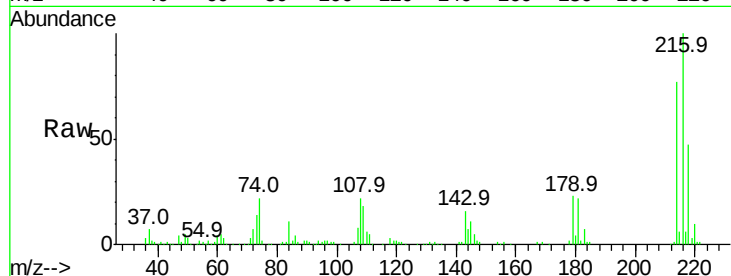




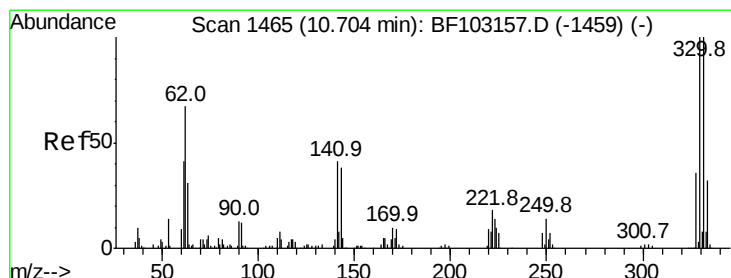
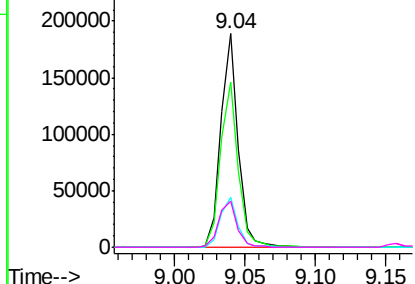
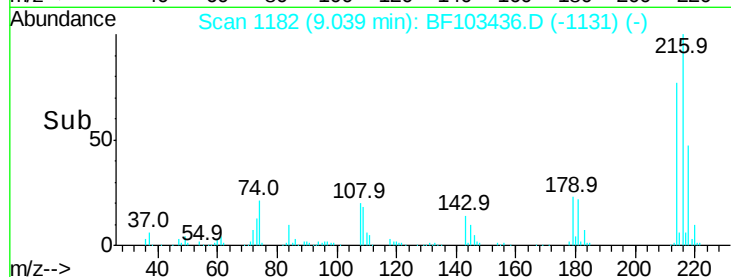
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.583 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	161355
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	23.5	18.1	27.1
108	23.3	17.2	25.8

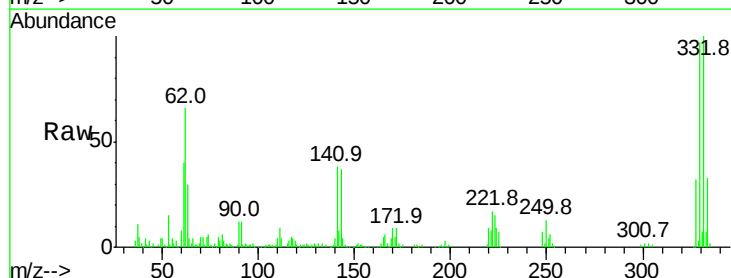


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

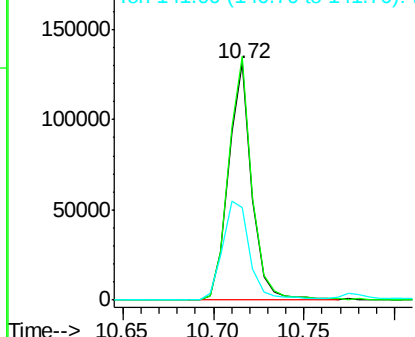
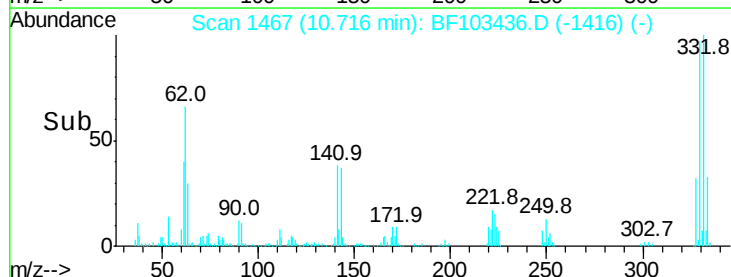


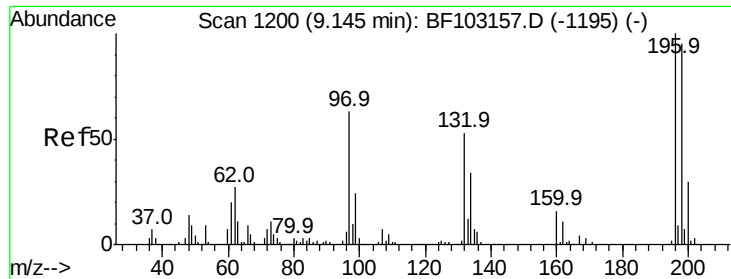
#41
 2,4,6-Tribromophenol
 Concen: 69.741 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:	330	Resp:	117776
Ion	Ratio	Lower	Upper
330	100		
332	104.2	77.0	115.6
141	49.1	29.9	44.9#



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

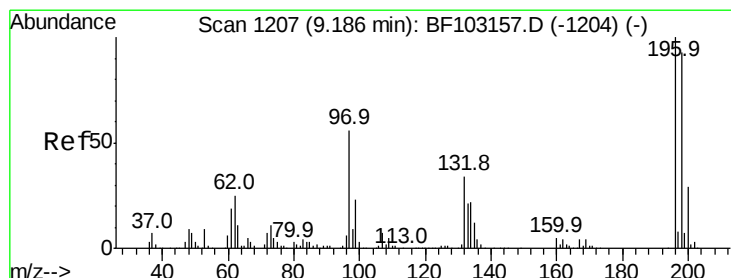
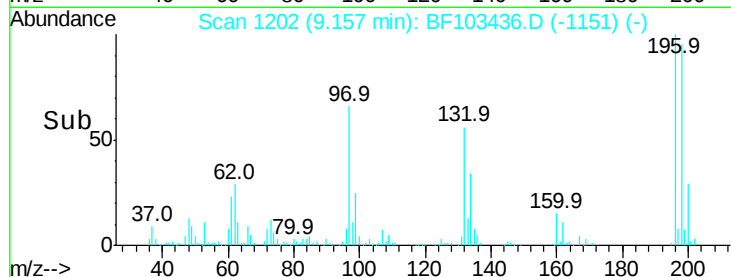
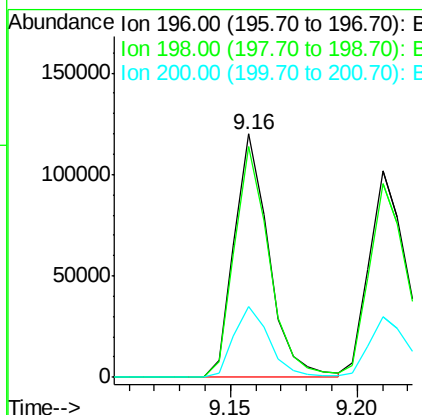
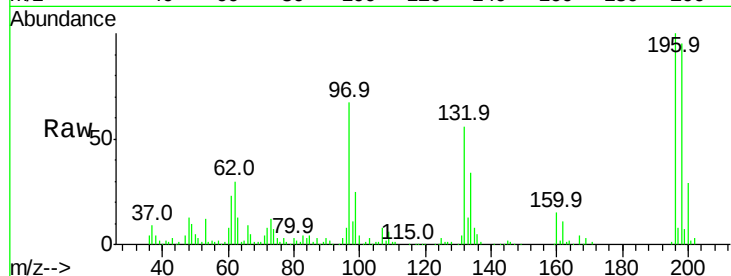




#42
 2,4,6-Trichlorophenol
 Concen: 31.050 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

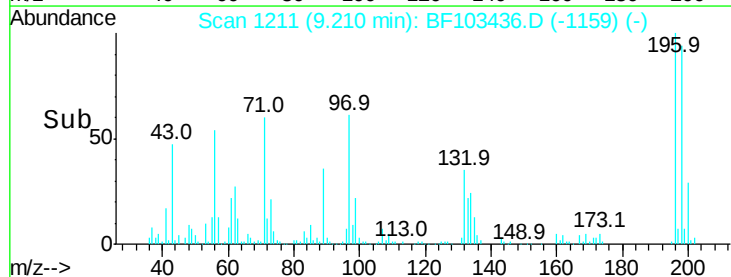
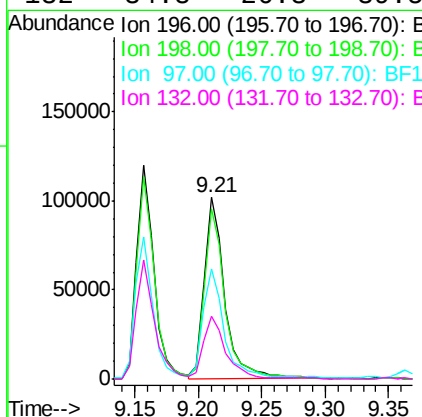
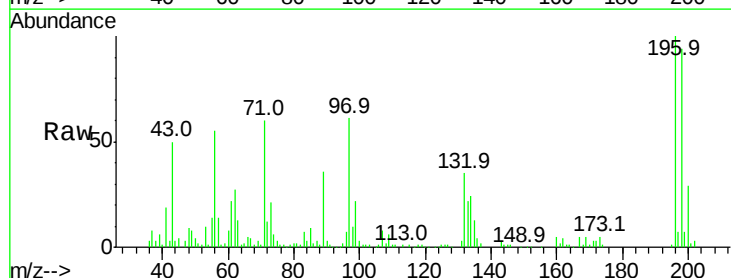
Instrument :
 BNA_F
 ClientSampled :

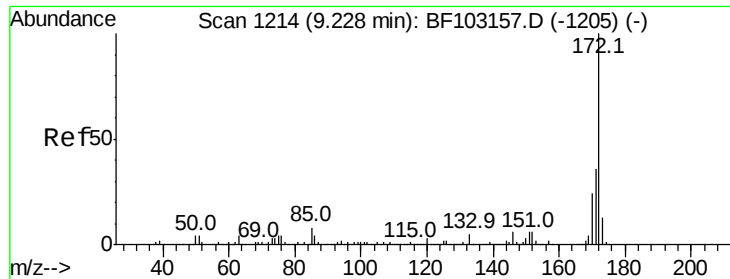
Tot Ion:196 Resp: 113957
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 29.2 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 27.160 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:196 Resp: 114647
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.6 112.0
 97 60.9 42.9 64.3
 132 34.8 26.3 39.5

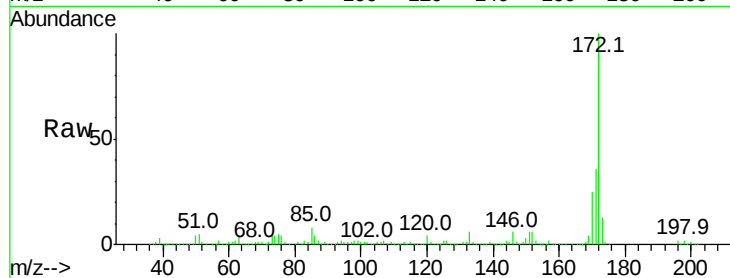




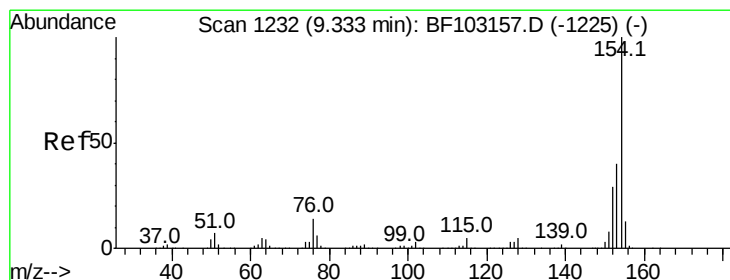
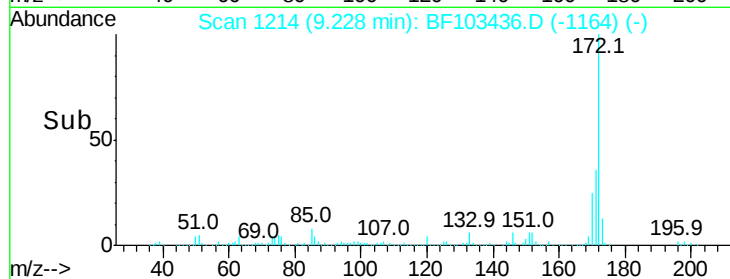
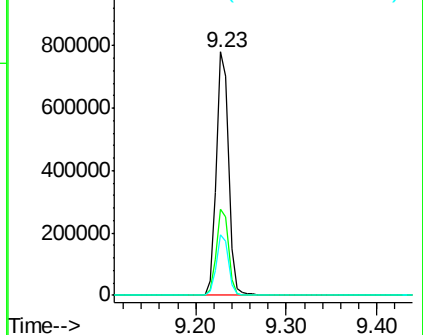
#44
2-Fluorobiphenyl
Concen: 58.376 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 730025
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 24.8 19.6 29.4

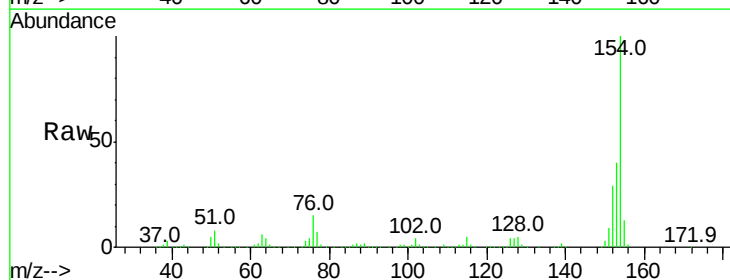


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

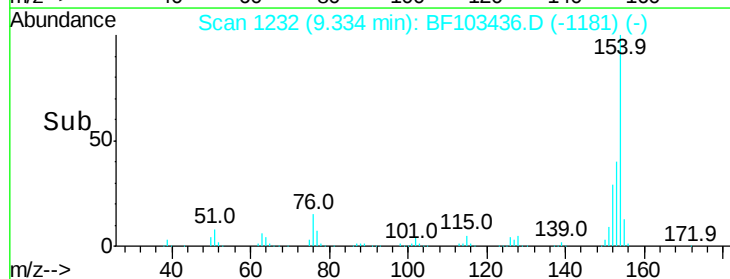
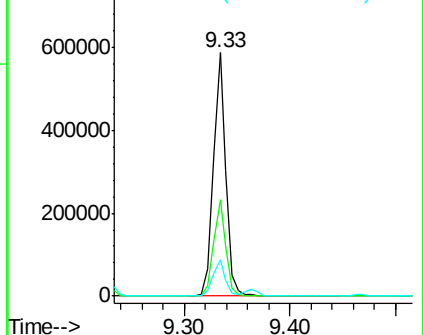


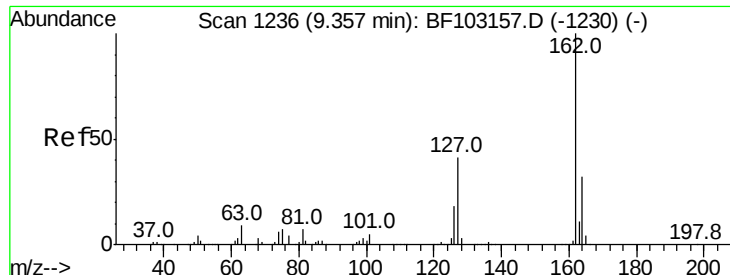
#45
1,1'-Biphenyl
Concen: 29.367 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:154 Resp: 490967
Ion Ratio Lower Upper
154 100
153 39.8 21.3 61.3
76 14.6 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

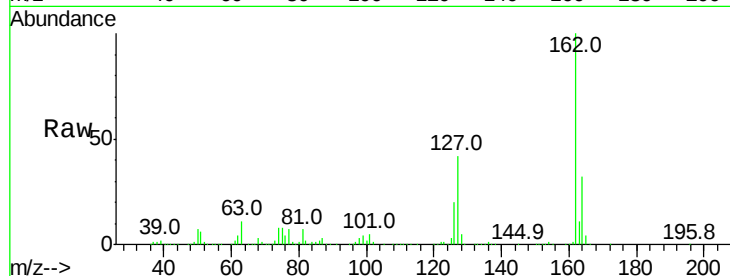




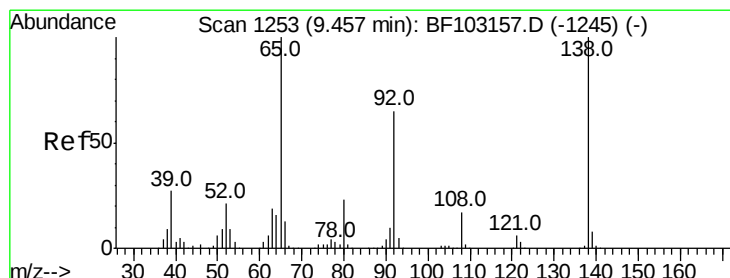
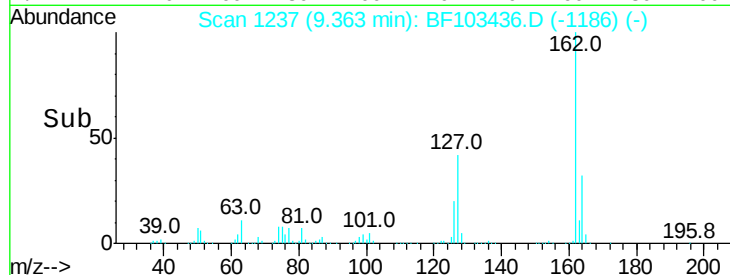
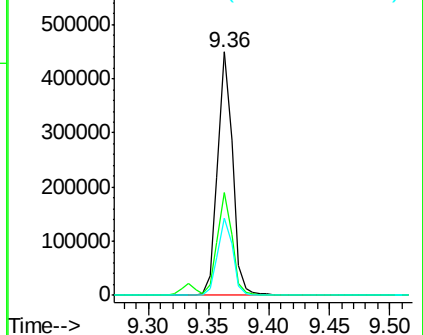
#46
 2-Chloronaphthalene
 Concen: 28.878 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 381945
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 31.5 26.5 39.7

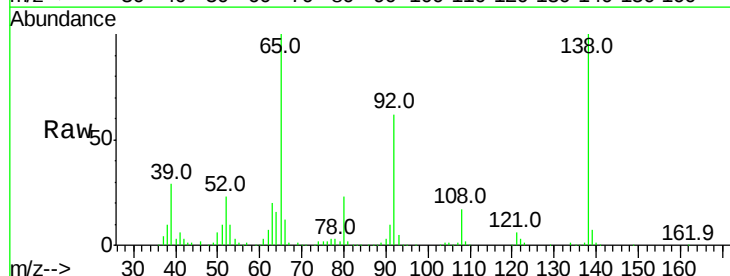


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

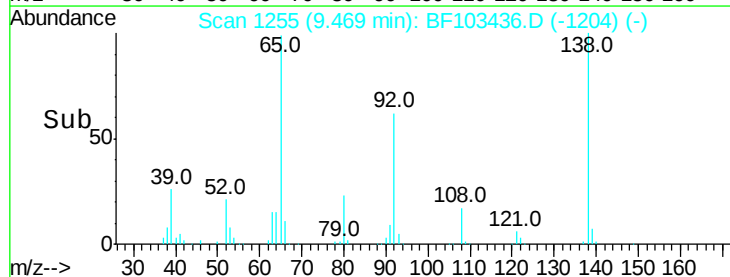
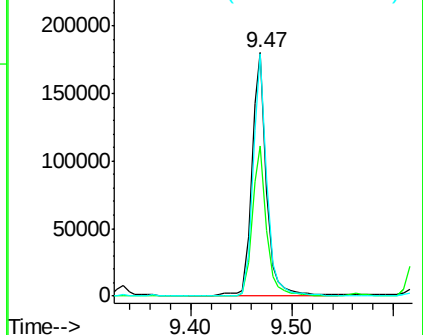


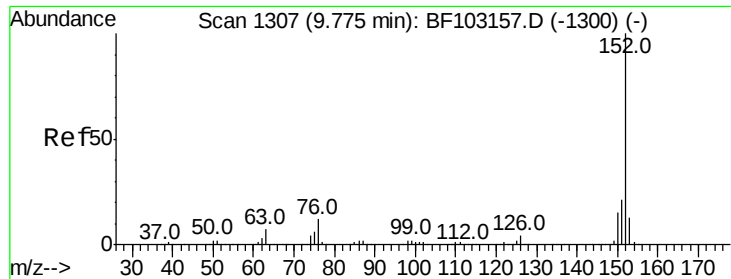
#47
 2-Nitroaniline
 Concen: 36.949 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion: 65 Resp: 181026
 Ion Ratio Lower Upper
 65 100
 92 61.9 55.8 83.6
 138 99.6 91.2 136.8



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





#48

Acenaphthylene

Concen: 27.969 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

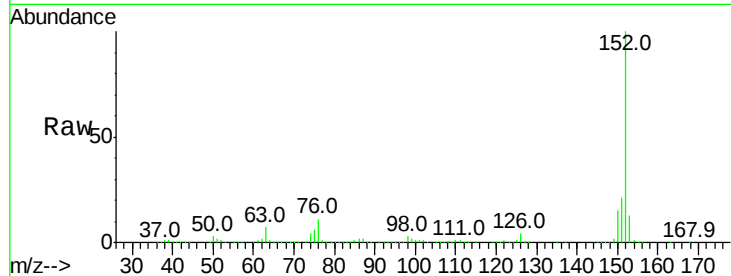
Tot Ion:152 Resp: 569169

Ion Ratio Lower Upper

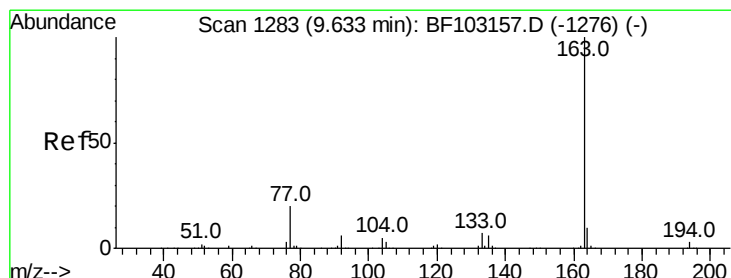
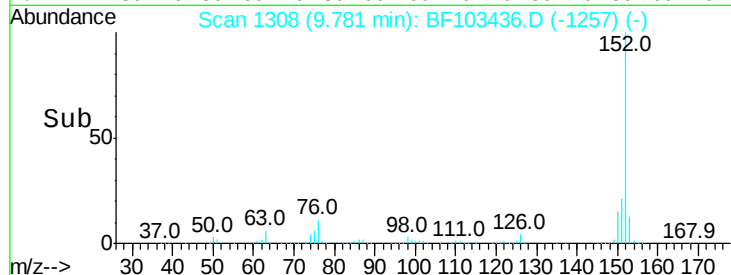
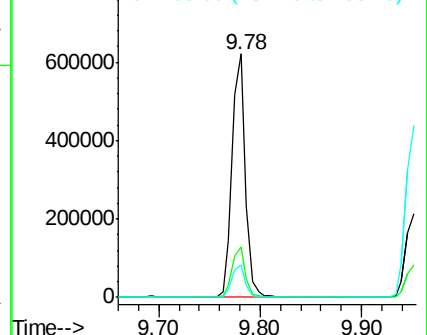
152 100

151 20.8 16.3 24.5

153 13.1 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: 31.108 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

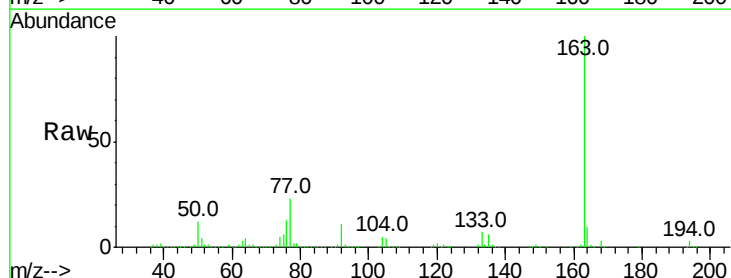
Tgt Ion:163 Resp: 497895

Ion Ratio Lower Upper

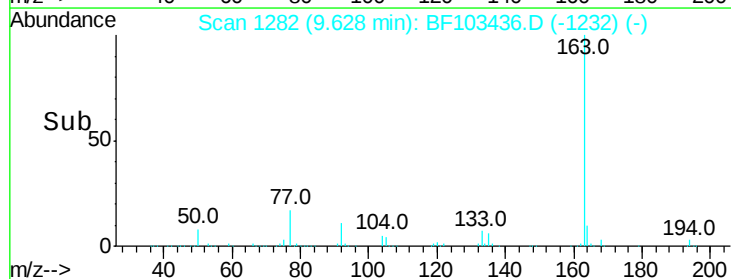
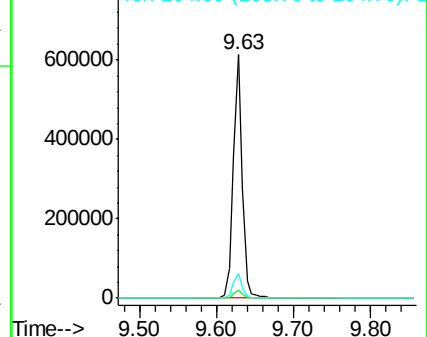
163 100

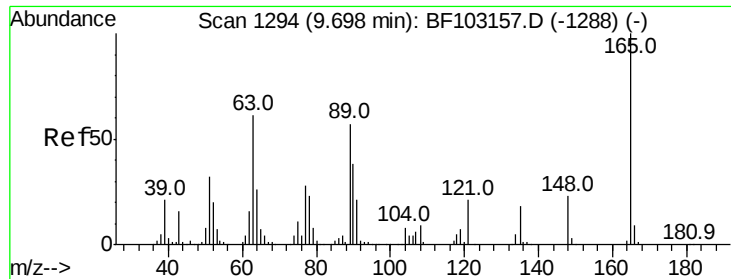
194 3.1 2.7 4.1

164 10.0 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

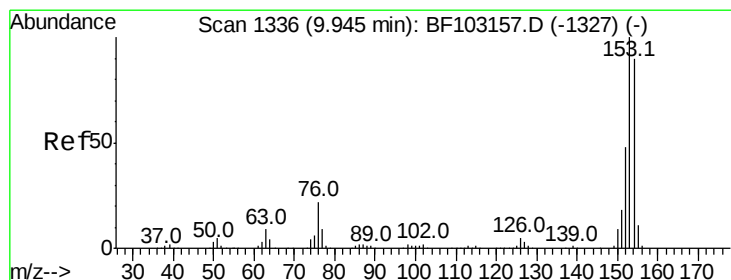
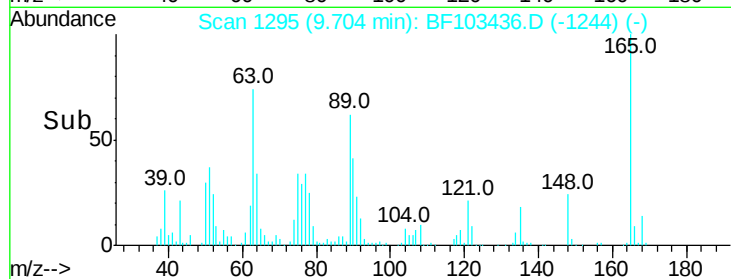
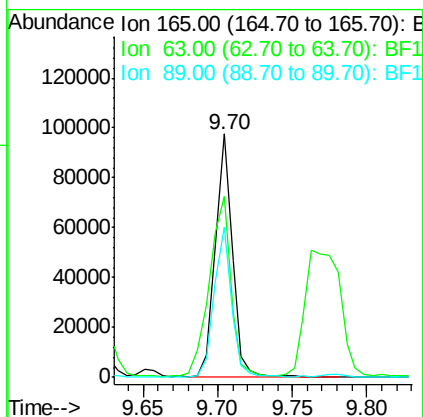
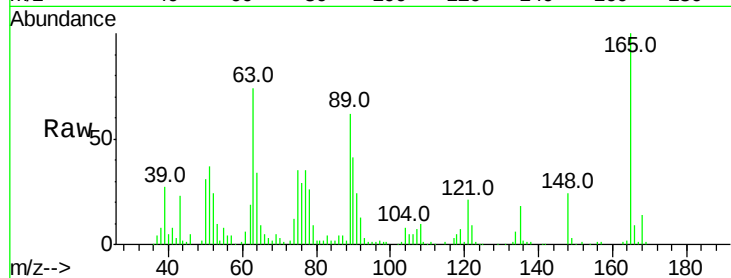




#50
2,6-Dinitrotoluene
Concen: 23.392 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

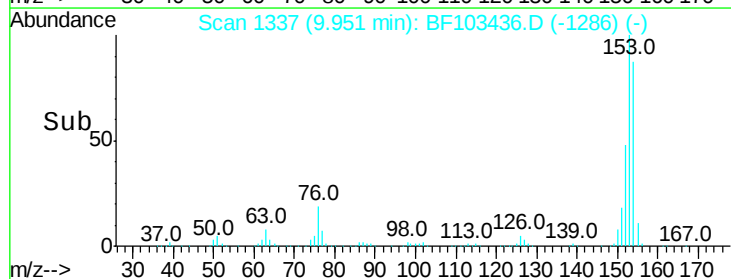
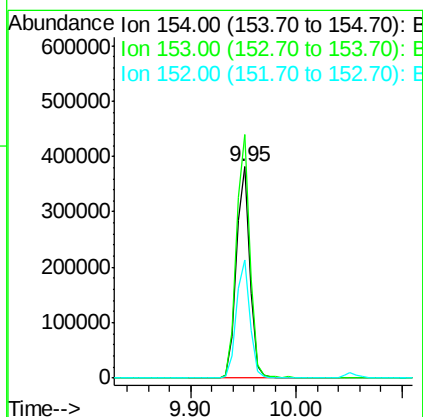
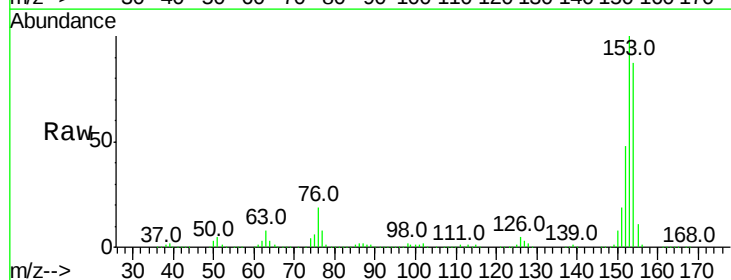
Instrument :
BNA_F
ClientSampleId :

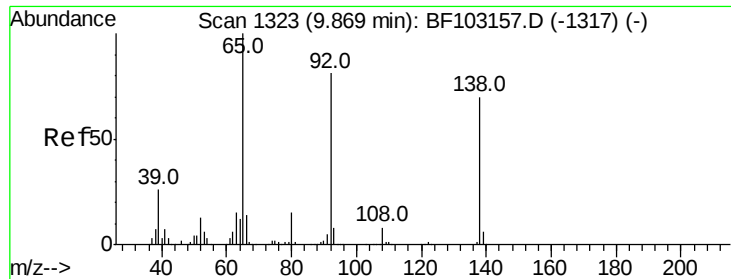
Tot Ion:165 Resp: 78567
Ion Ratio Lower Upper
165 100
63 74.1 44.7 67.1#
89 61.5 44.0 66.0



#51
Acenaphthene
Concen: 27.988 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:154 Resp: 332119
Ion Ratio Lower Upper
154 100
153 115.2 91.2 136.8
152 55.8 43.8 65.8

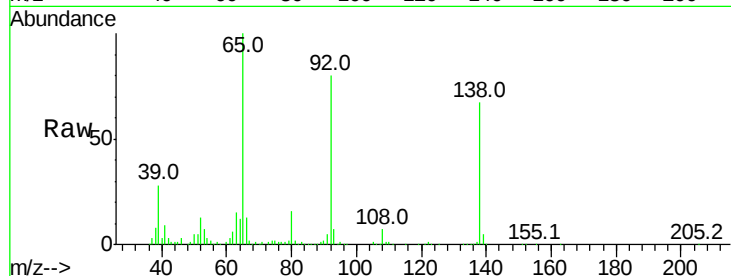




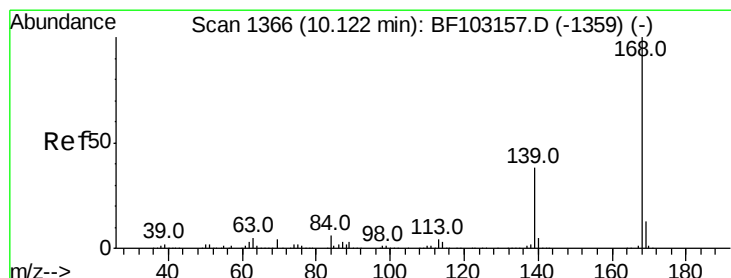
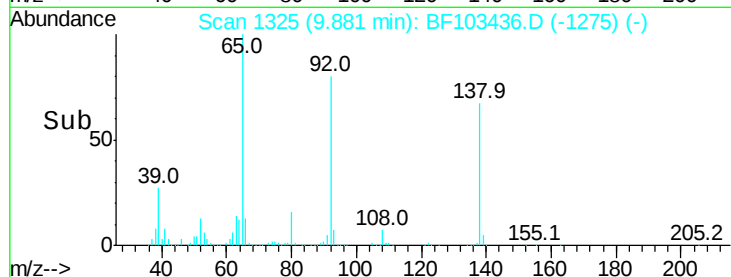
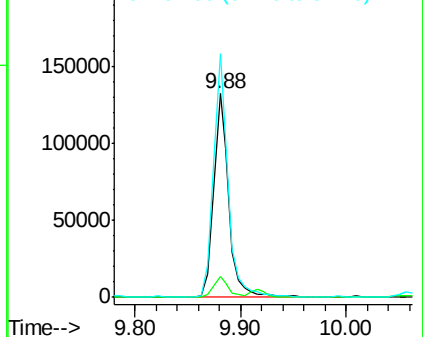
#52
3-Nitroaniline
Concen: 31.642 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 134836
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 119.4 89.4 134.2

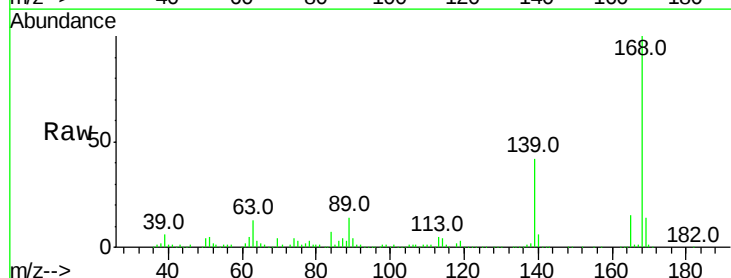


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

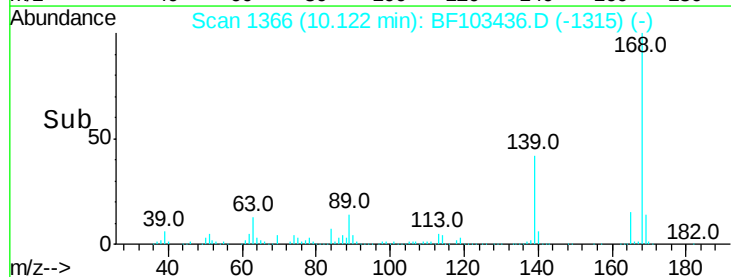
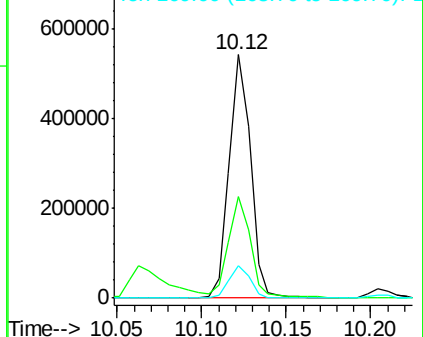


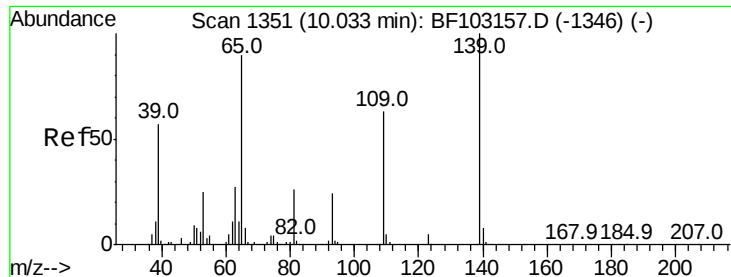
#54
Dibenzofuran
Concen: 29.389 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:168 Resp: 478734
Ion Ratio Lower Upper
168 100
139 41.6 30.1 45.1
169 13.6 10.9 16.3



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

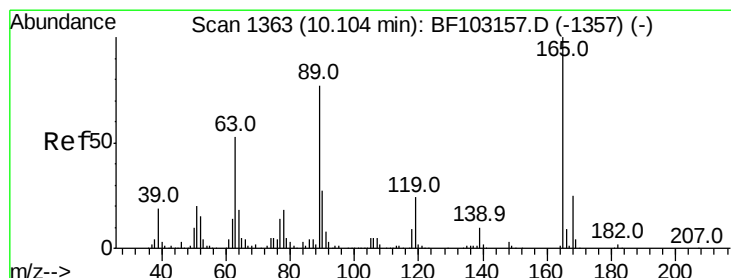
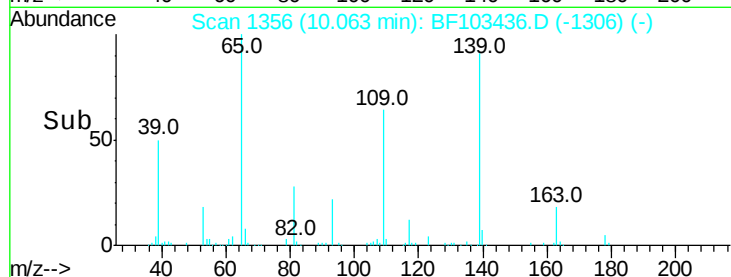
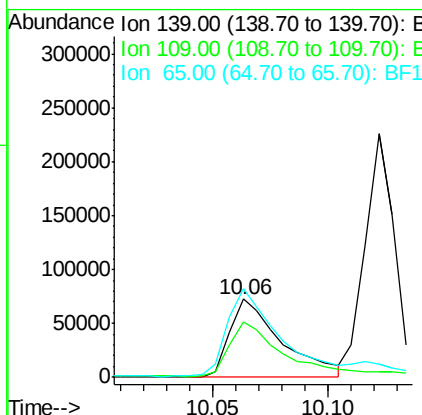
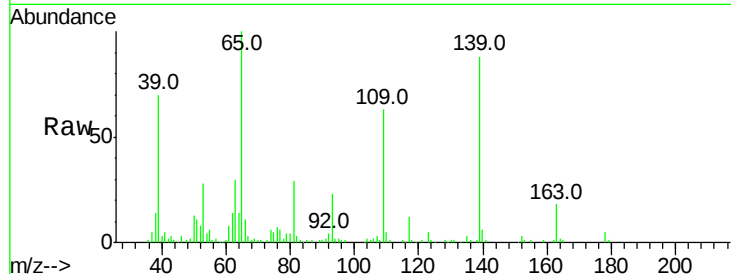




#55
4-Nitrophenol
Concen: 42.700 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

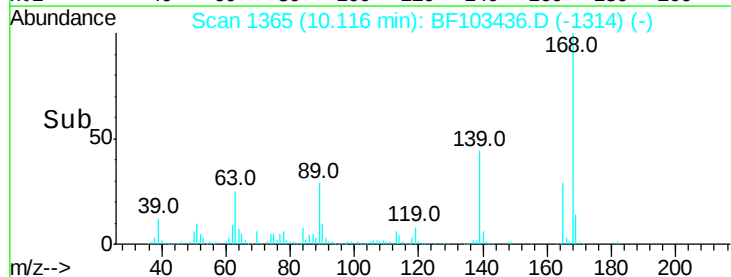
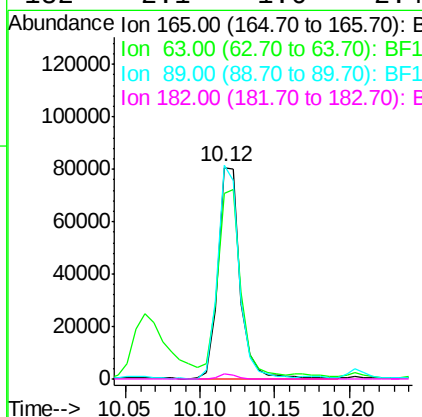
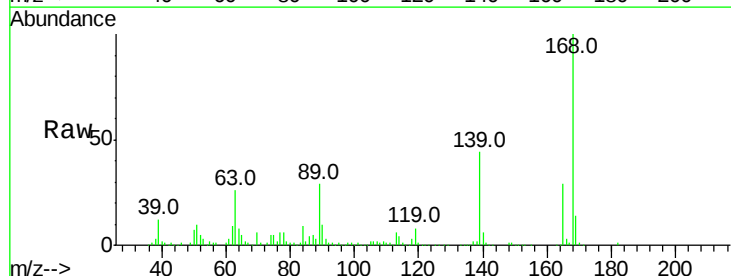
Instrument :
BNA_F
ClientSampleId :

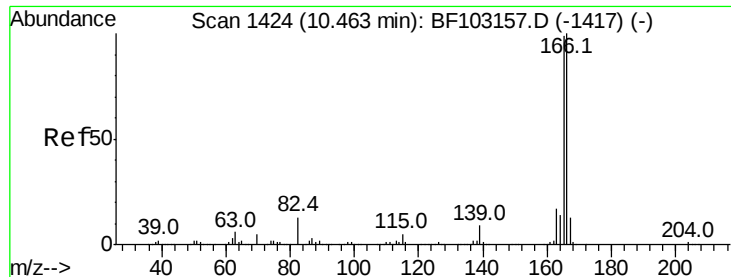
Tot Ion:139 Resp: 112774
Ion Ratio Lower Upper
139 100
109 71.5 48.4 88.4
65 113.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 19.841 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:165 Resp: 84281
Ion Ratio Lower Upper
165 100
63 87.6 36.4 54.6#
89 100.8 57.8 86.6#
182 2.1 1.6 2.4





#57

Fluorene

Concen: 26.810 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampled :

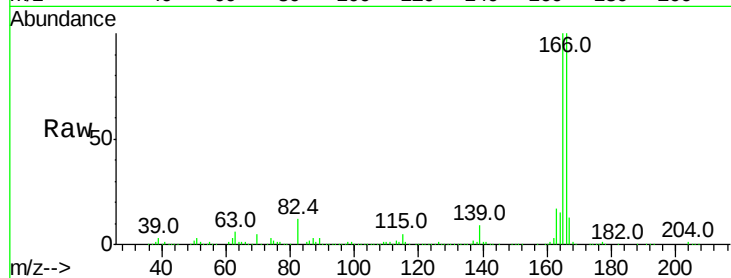
Tot Ion:166 Resp: 372032

Ion Ratio Lower Upper

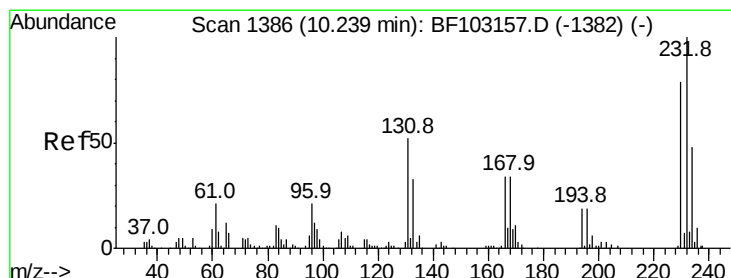
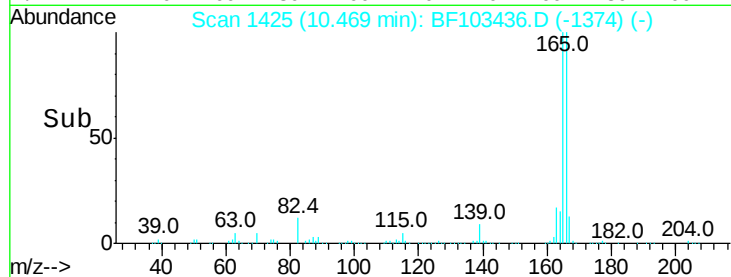
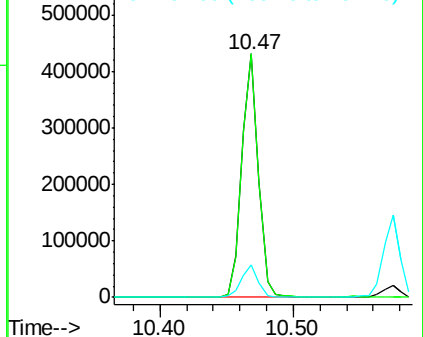
166 100

165 100.2 79.8 119.8

167 13.1 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: 25.616 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Tgt Ion:232 Resp: 72637

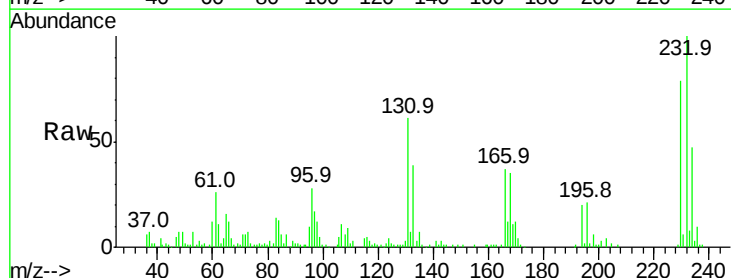
Ion Ratio Lower Upper

232 100

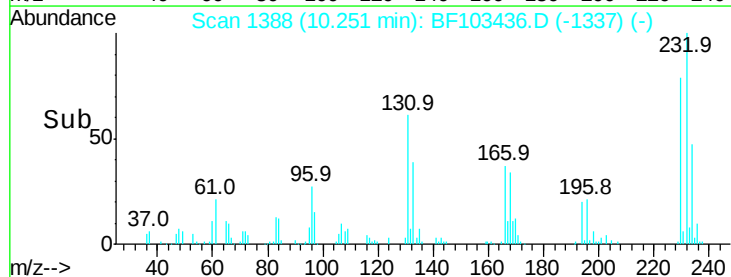
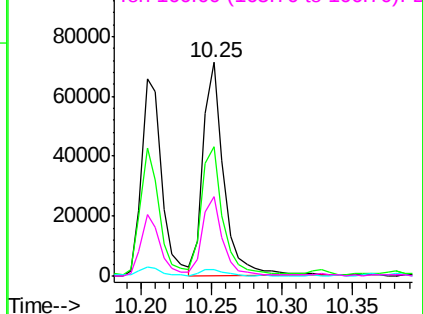
131 60.9 43.8 65.8

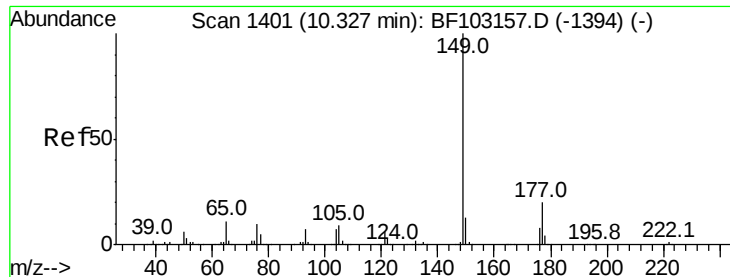
130 3.5 2.1 3.1#

166 37.1 27.8 41.6



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

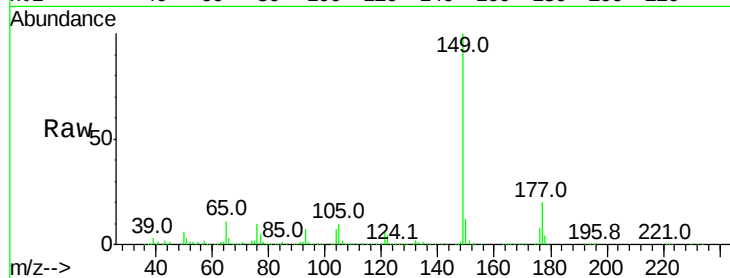




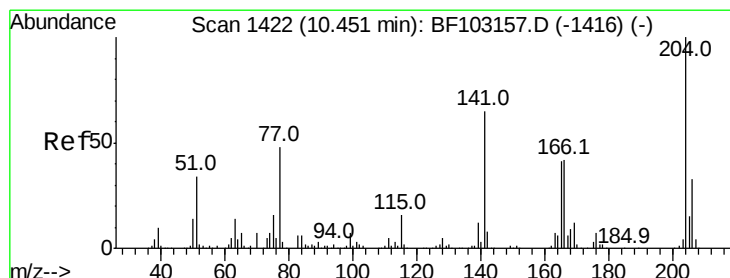
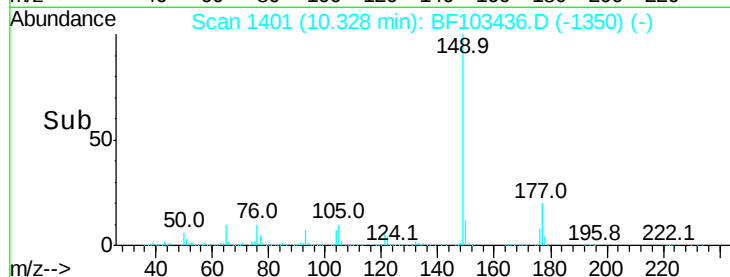
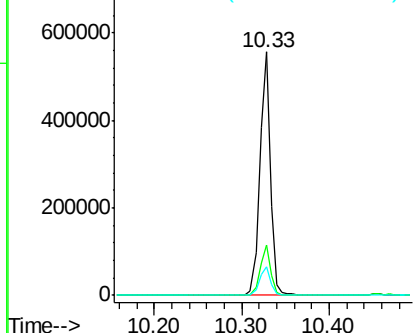
#59
Diethylphthalate
Concen: 30.136 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 461312
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.0 10.1 15.1

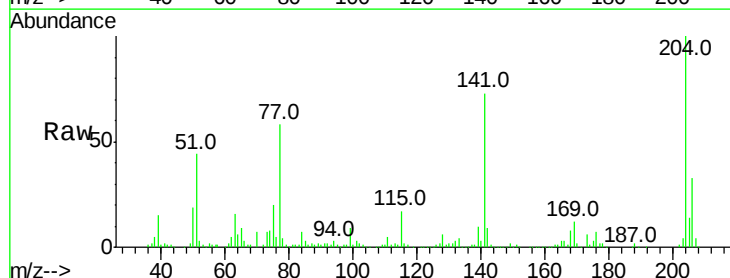


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

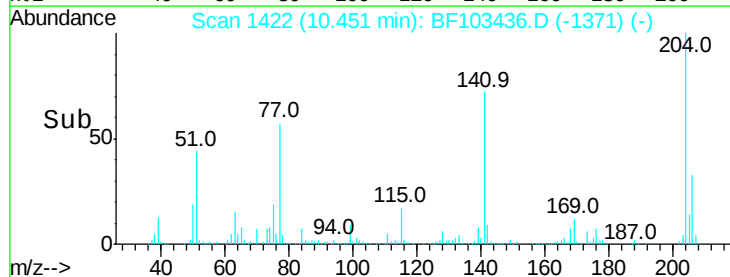
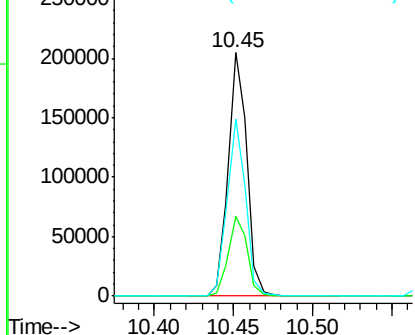


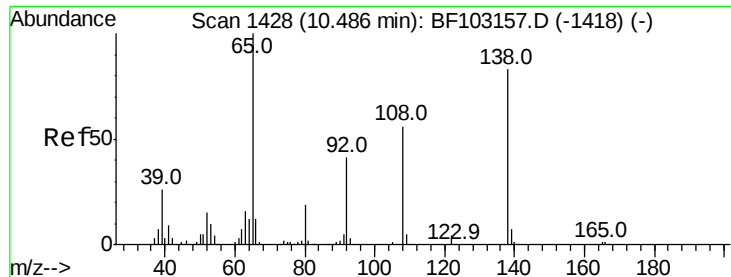
#60
4-Chlorophenyl-phenylether
Concen: 28.265 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:204 Resp: 166328
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 72.6 54.6 81.8



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

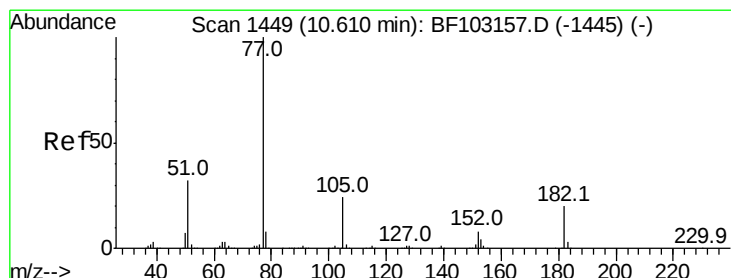
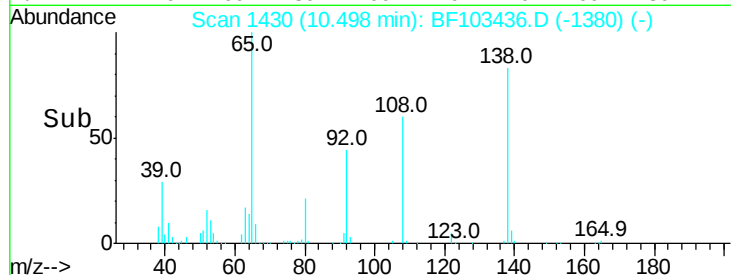
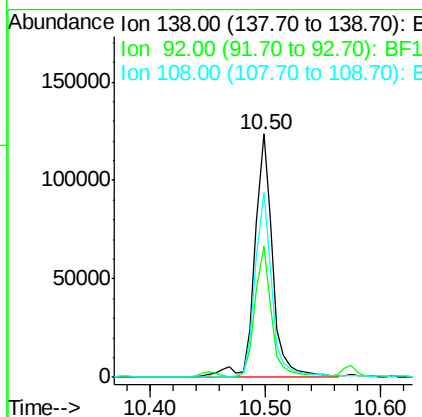
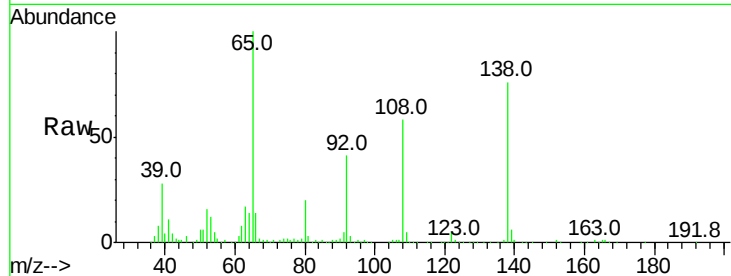




#61
 4-Nitroaniline
 Concen: 31.586 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

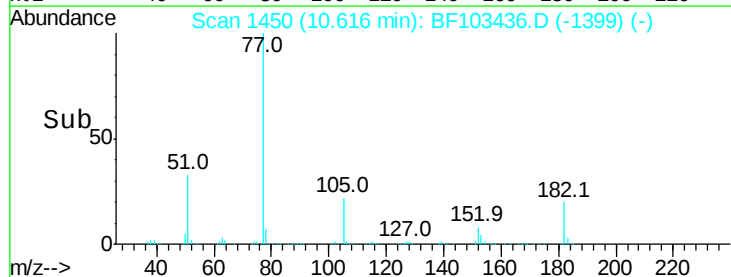
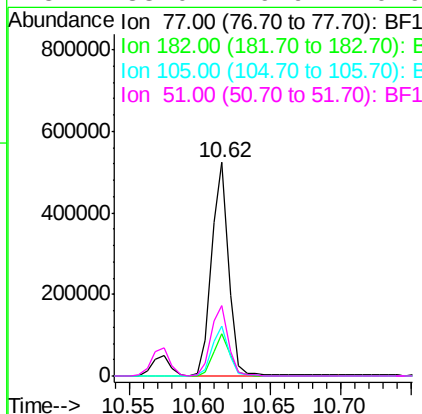
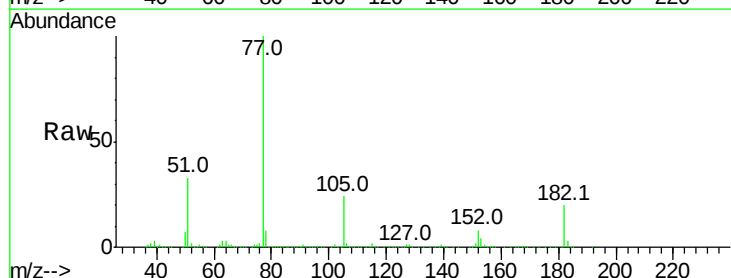
Instrument :
 BNA_F
 ClientSampleId :

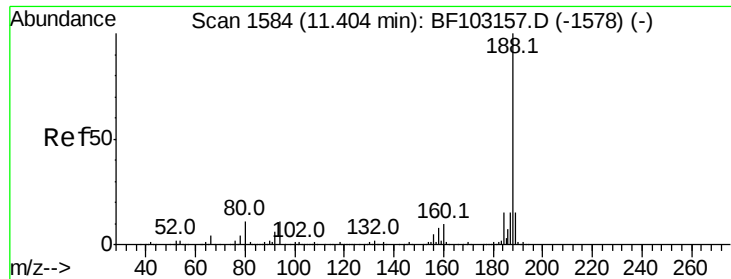
Tot Ion:138 Resp: 134441
 Ion Ratio Lower Upper
 138 100
 92 53.9 30.2 70.2
 108 75.9 52.5 92.5



#62
 Azobenzene
 Concen: 27.950 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion: 77 Resp: 435506
 Ion Ratio Lower Upper
 77 100
 182 19.8 1.7 41.7
 105 23.5 3.0 43.0
 51 33.0 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

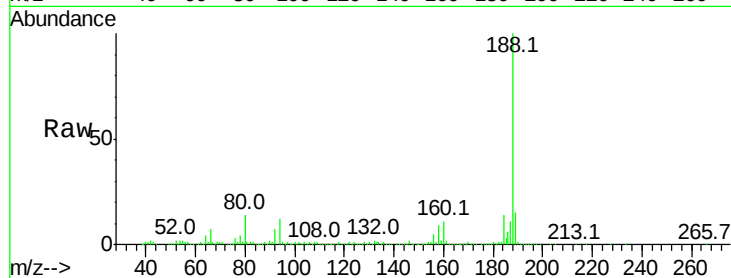
Tot Ion:188 Resp: 296169

Ion Ratio Lower Upper

188 100

94 12.3 8.5 12.7

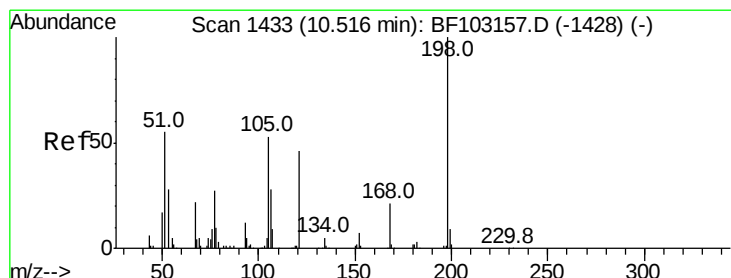
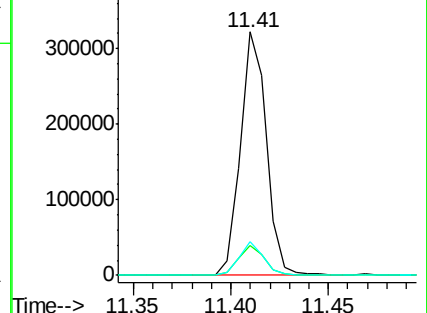
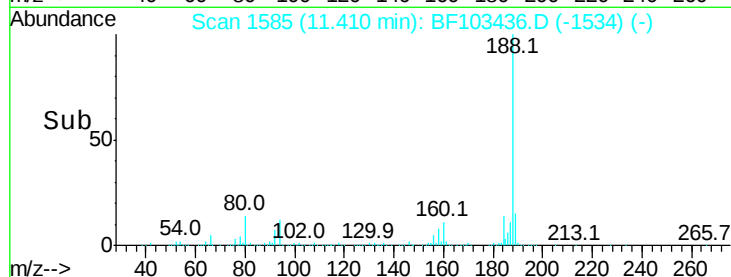
80 13.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.088 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.18 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

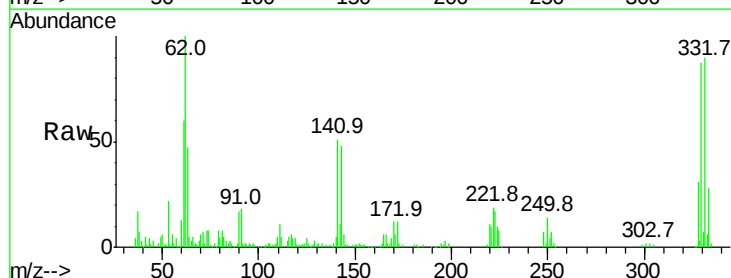
Tgt Ion:198 Resp: 286

Ion Ratio Lower Upper

198 100

51 367.3 37.7 77.7#

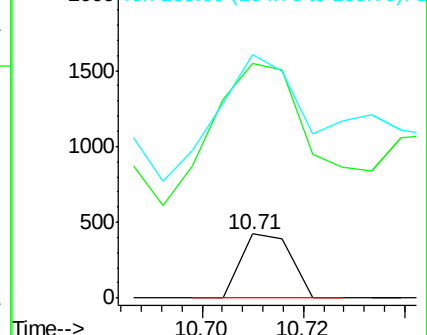
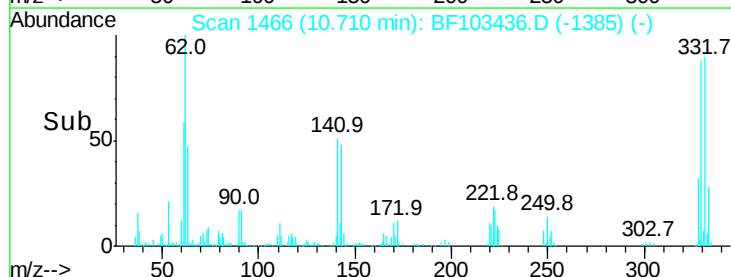
105 380.6 36.3 76.3#

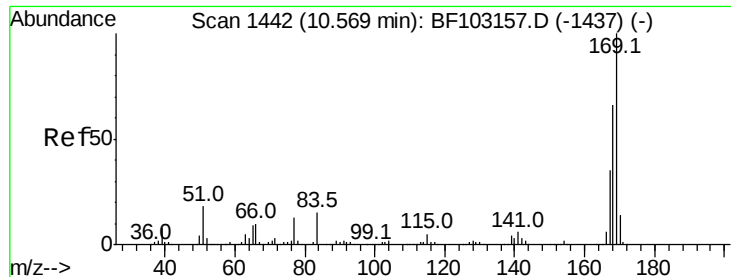


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.997 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

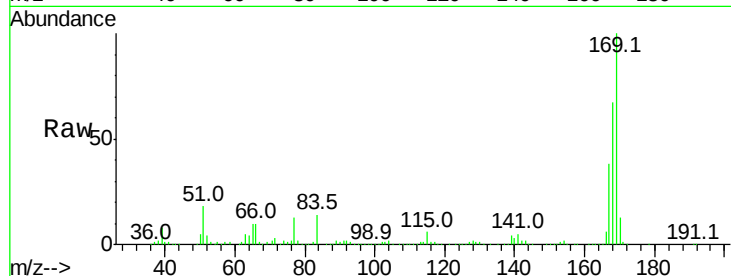
Tot Ion:169 Resp: 329958

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

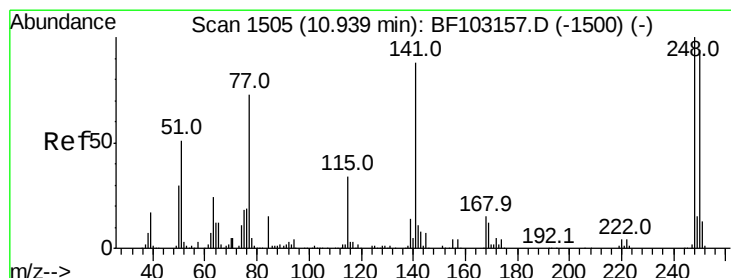
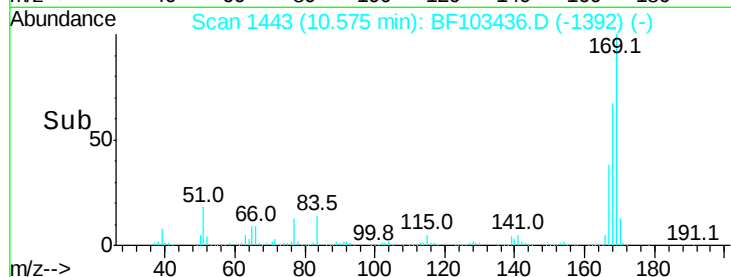
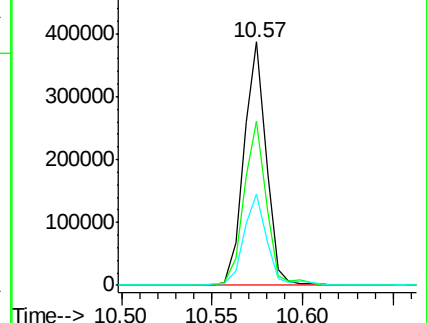
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.885 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

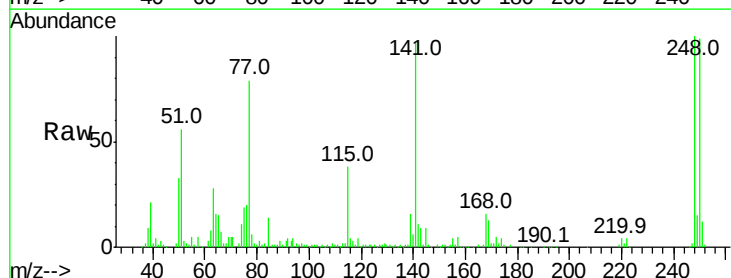
Tgt Ion:248 Resp: 89117

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

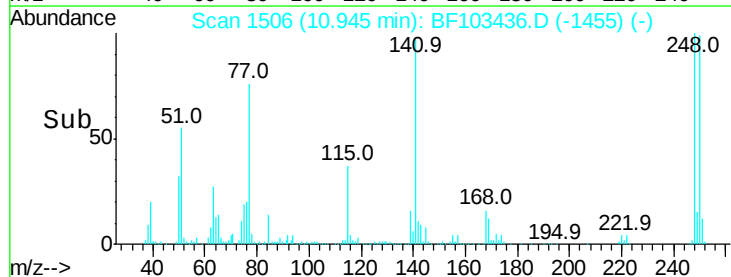
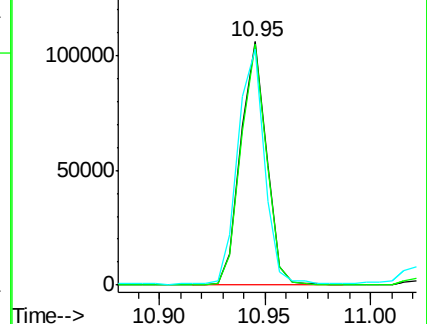
141 97.1 74.4 111.6

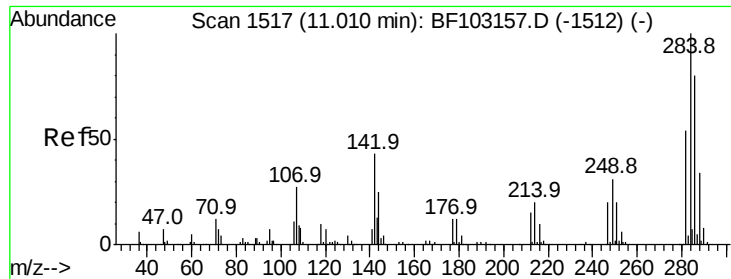


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

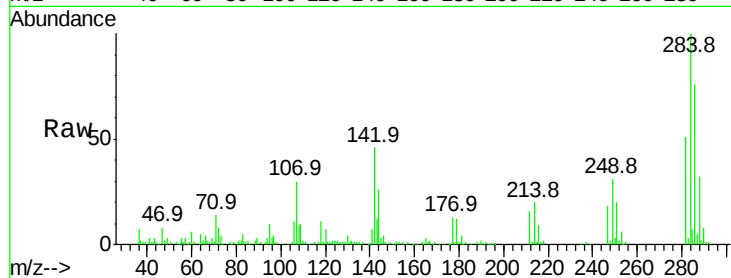




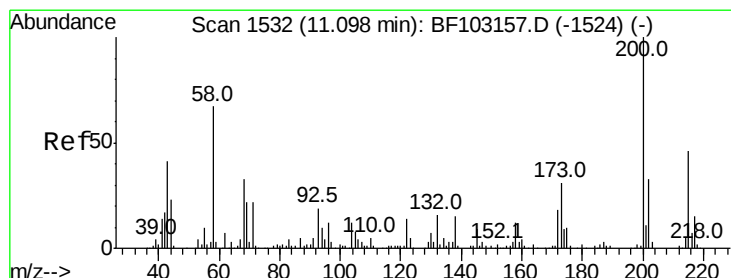
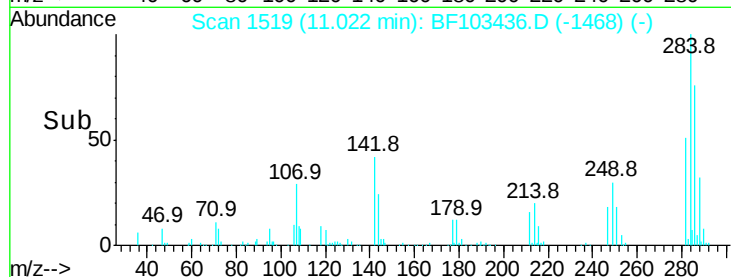
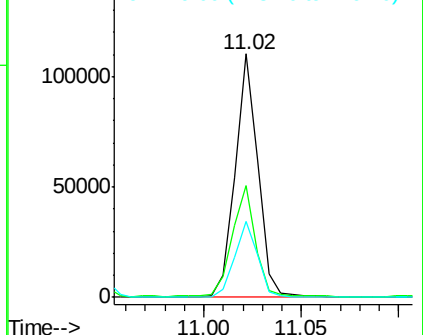
#67
Hexachlorobenzene
Concen: 26.640 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 89208
Ion Ratio Lower Upper
284 100
142 46.0 34.6 52.0
249 31.0 24.8 37.2

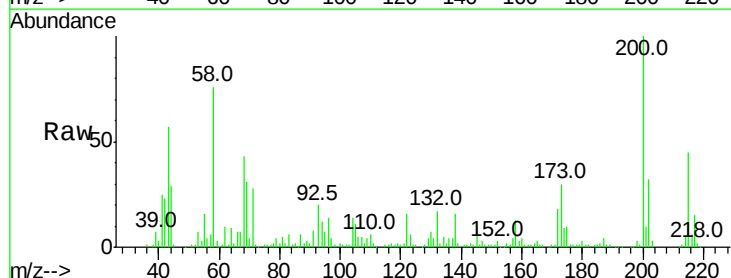


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

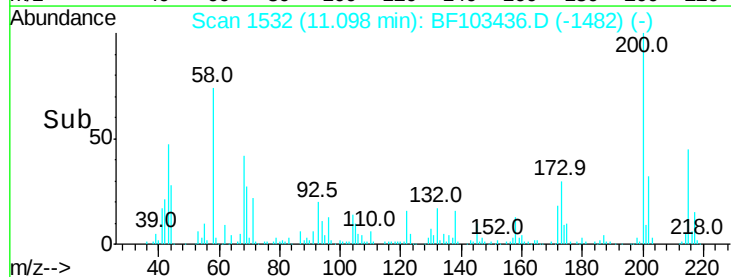
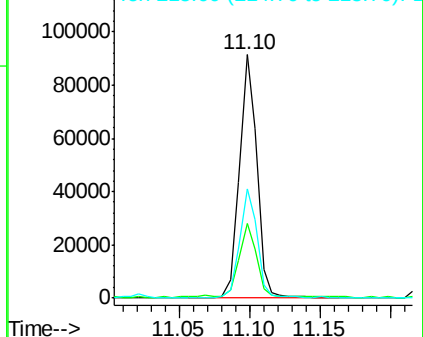


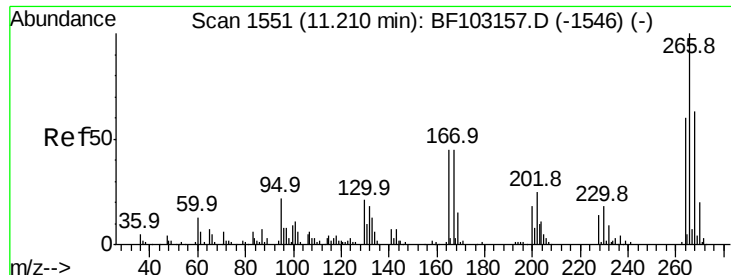
#68
Atrazine
Concen: 25.466 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:200 Resp: 78931
Ion Ratio Lower Upper
200 100
173 30.4 8.6 48.6
215 44.6 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

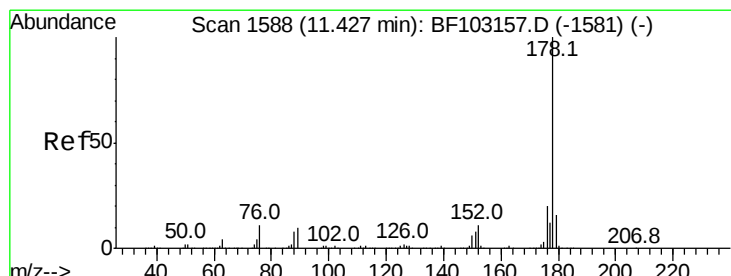
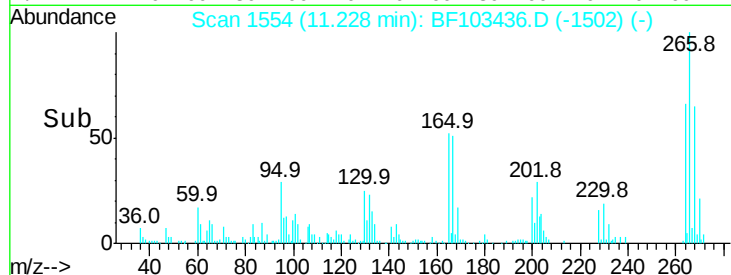
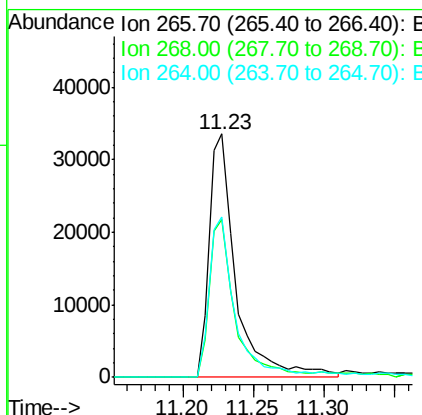
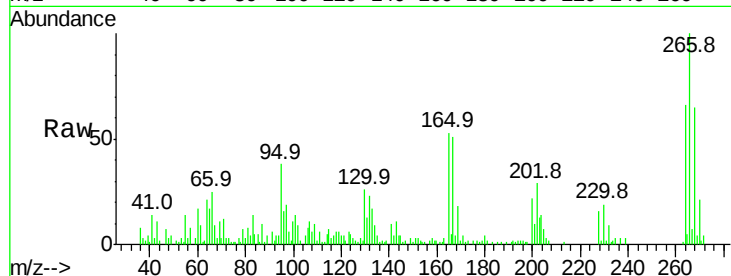




#69
 Pentachlorophenol
 Concen: 27.323 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

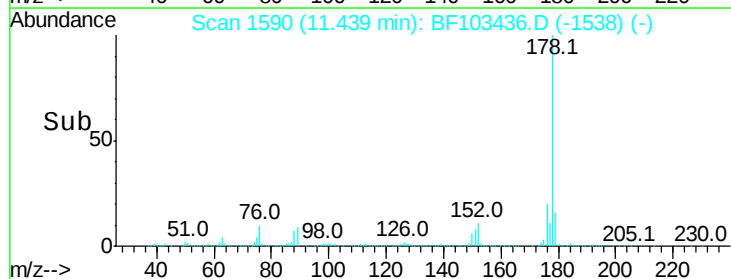
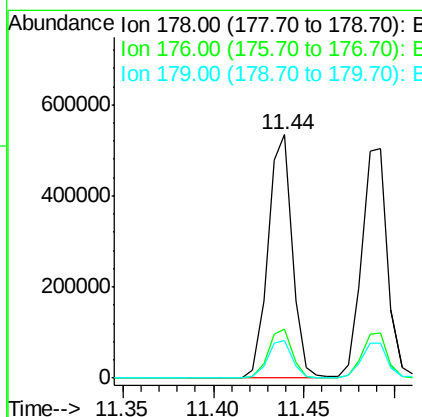
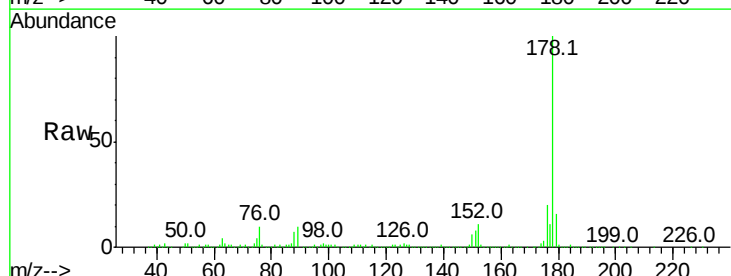
Instrument :
 BNA_F
 ClientSampled :

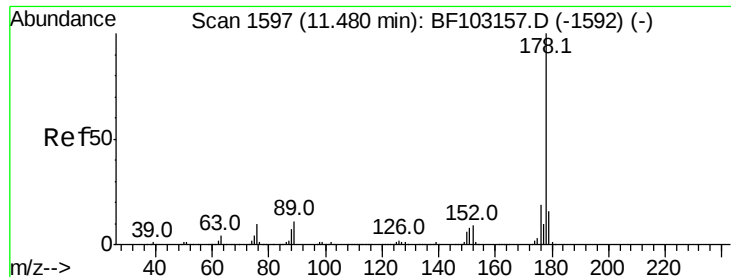
Tot Ion:266 Resp: 44239
 Ion Ratio Lower Upper
 266 100
 268 69.3 51.1 76.7
 264 65.7 49.5 74.3



#70
 Phenanthrene
 Concen: 30.581 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:178 Resp: 498439
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 13.0 19.6

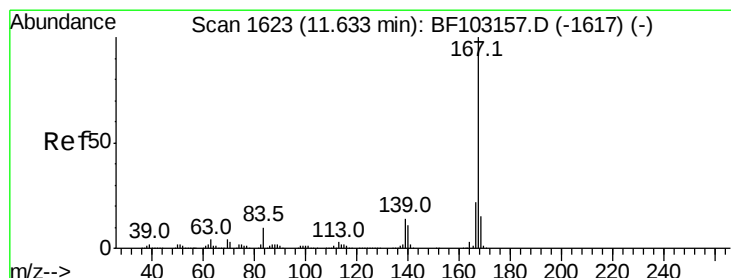
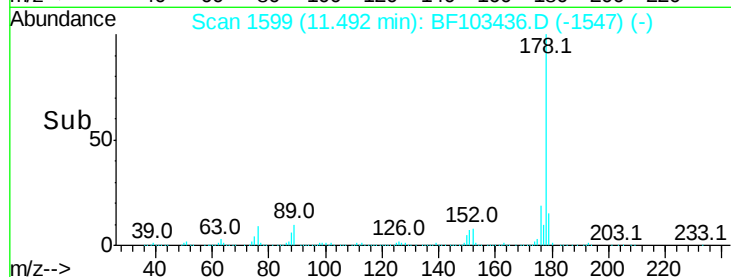
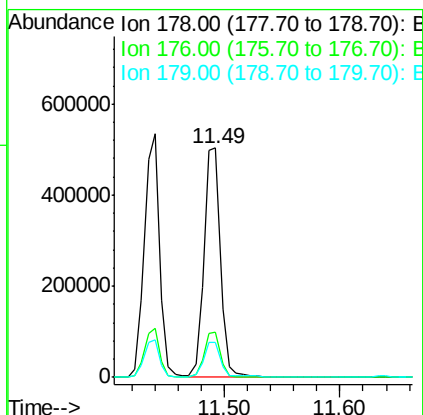
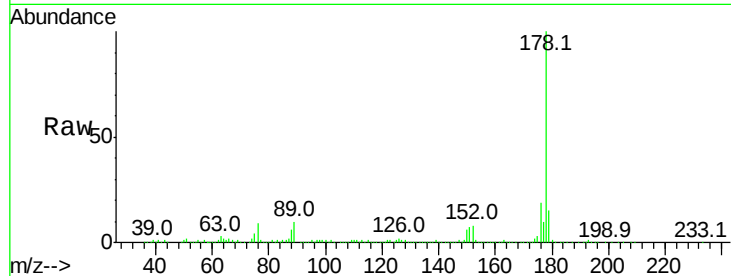




#71
 Anthracene
 Concen: 30.168 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

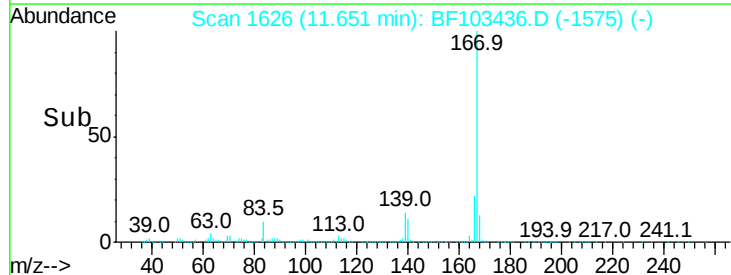
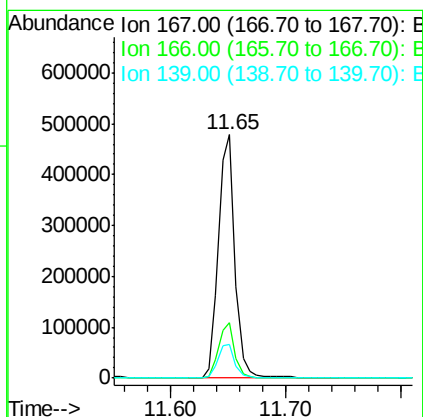
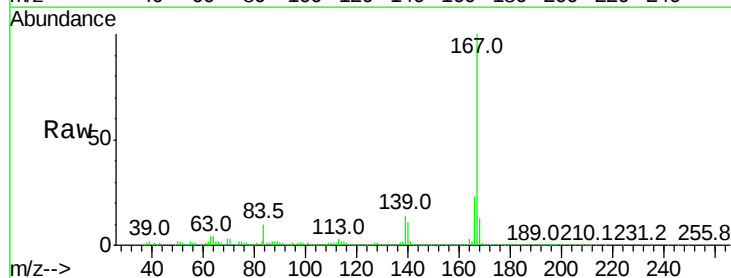
Instrument :
 BNA_F
 ClientSampleId :

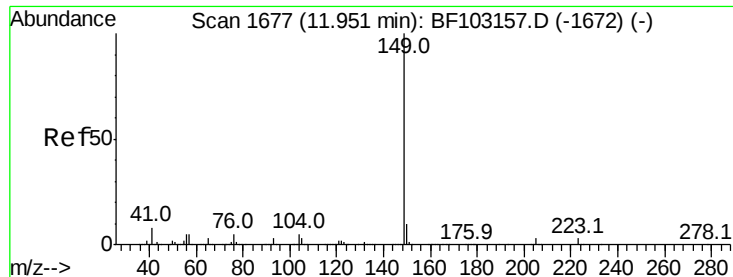
Tot Ion:178 Resp: 504215
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 28.390 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:167 Resp: 472516
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.0 10.9 16.3

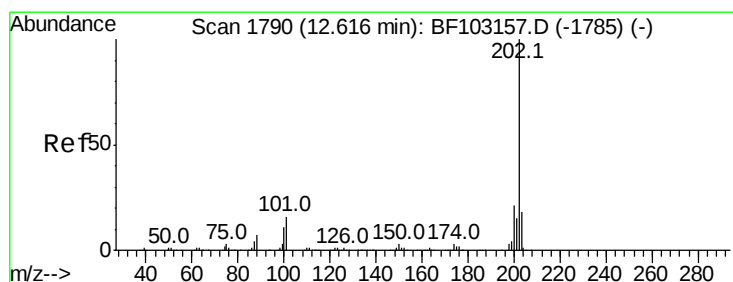
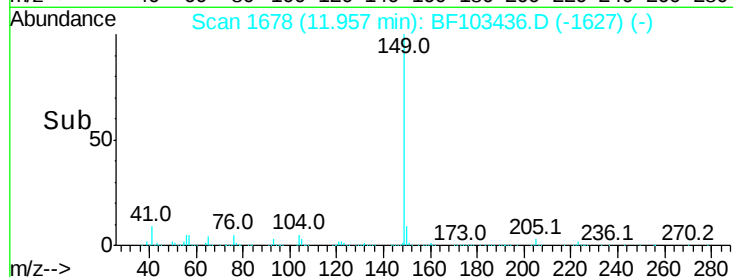
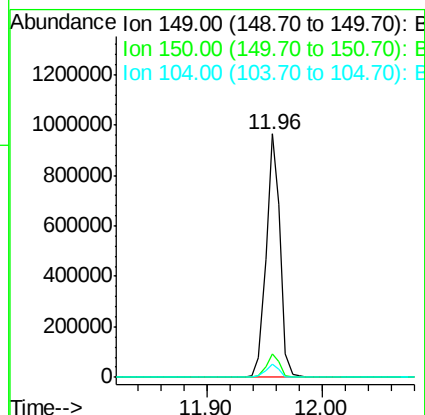
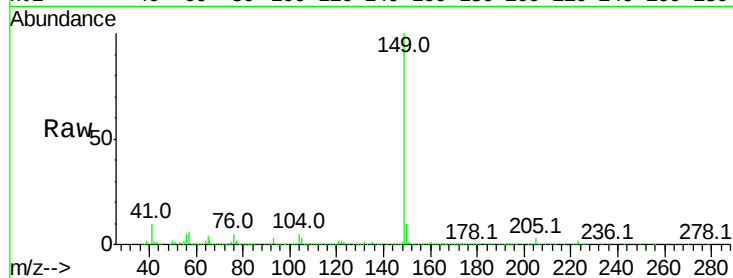




#73
Di-n-butylphthalate
Concen: 39.249 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

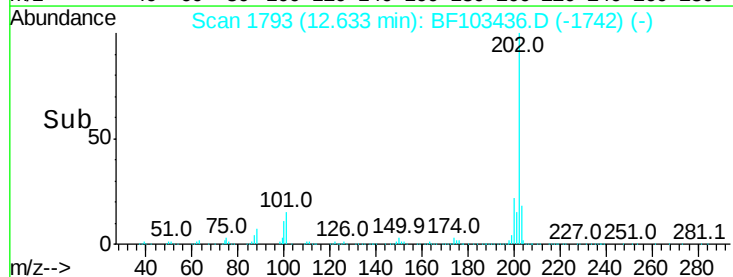
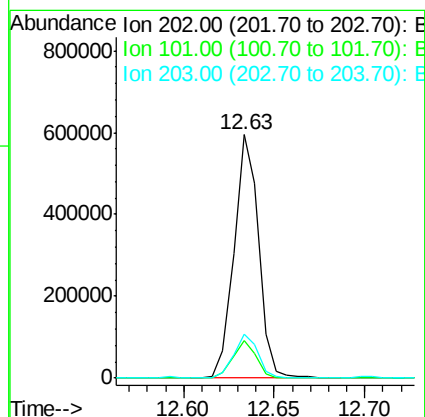
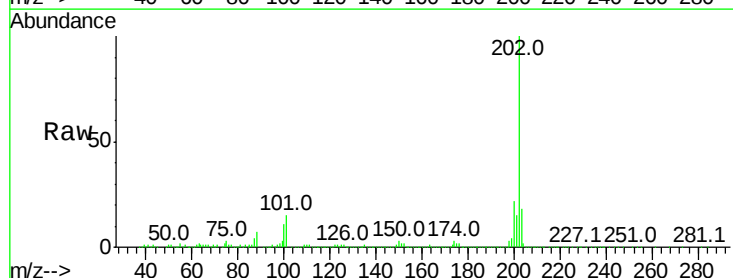
Instrument :
BNA_F
ClientSampleId :

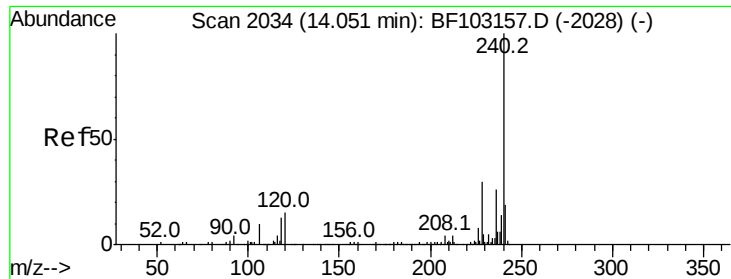
Tot Ion:149 Resp: 817418
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.4 3.8 5.8



#74
Fluoranthene
Concen: 34.043 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103436.D
Acq: 6 Mar 2018 3:31

Tgt Ion:202 Resp: 557578
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

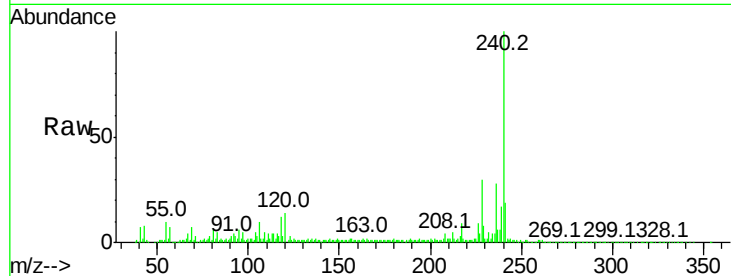
Tot Ion:240 Resp: 172598

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

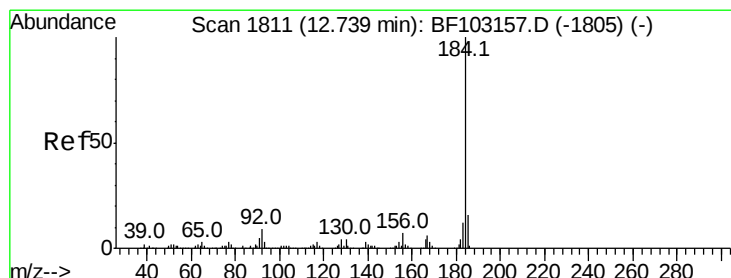
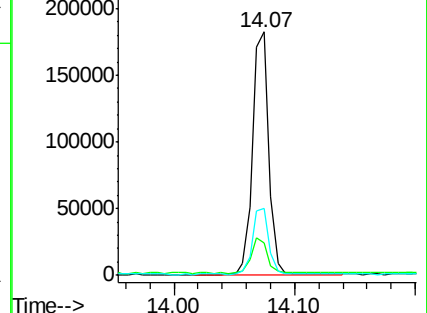
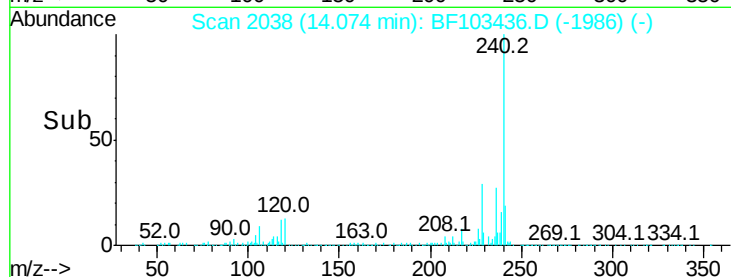
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.860 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

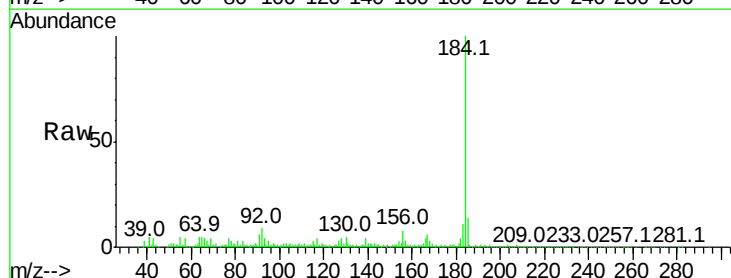
Tgt Ion:184 Resp: 224937

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

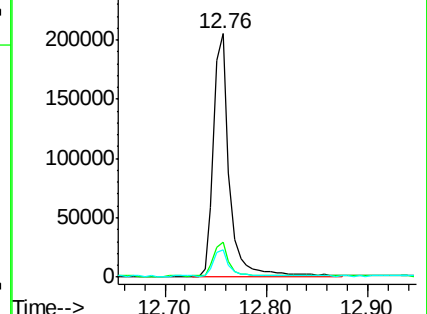
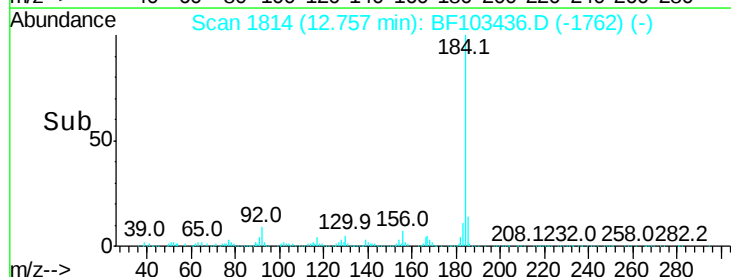
183 11.2 9.3 13.9

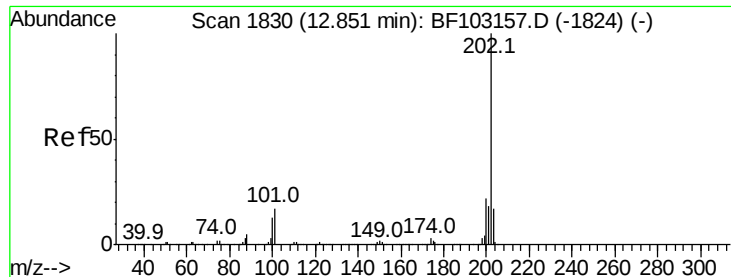


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.601 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

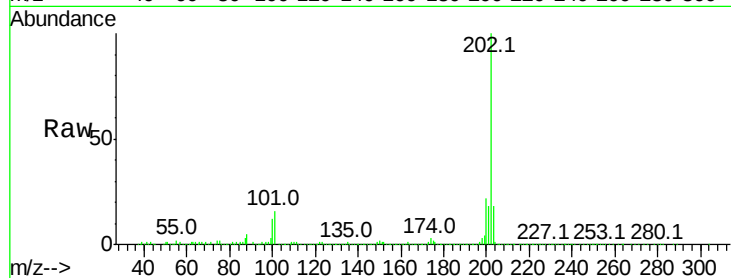
Tot Ion:202 Resp: 586725

Ion Ratio Lower Upper

202 100

200 22.4 17.4 26.2

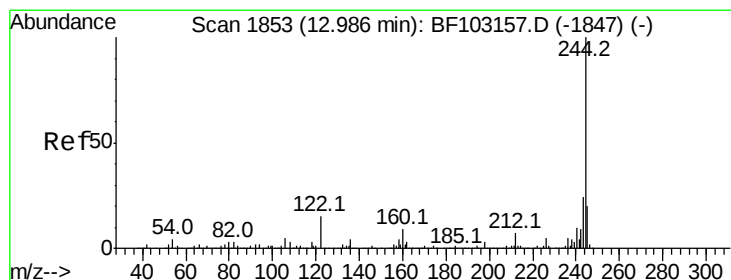
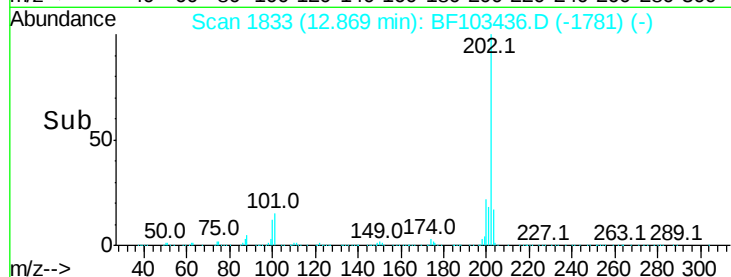
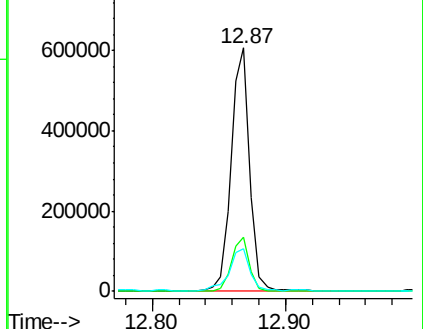
203 17.6 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.588 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

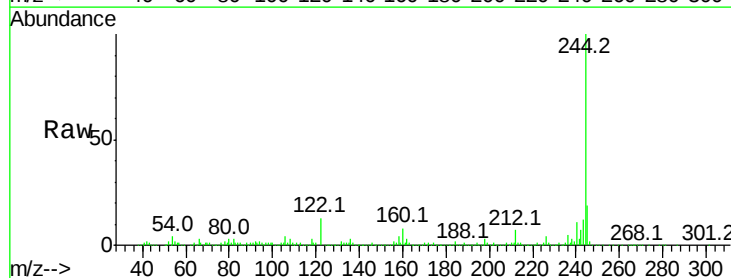
Tgt Ion:244 Resp: 514005

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

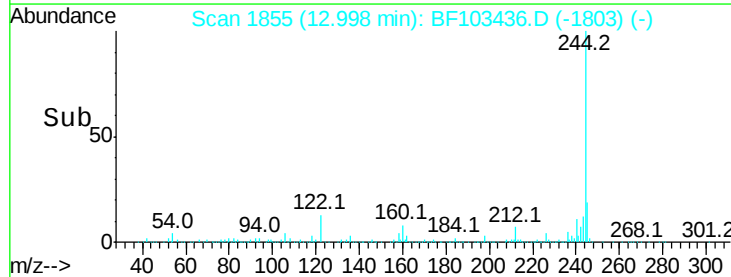
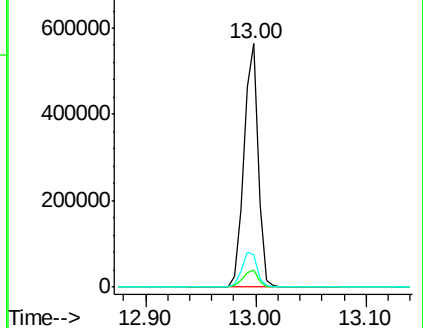
122 13.4 11.0 16.4

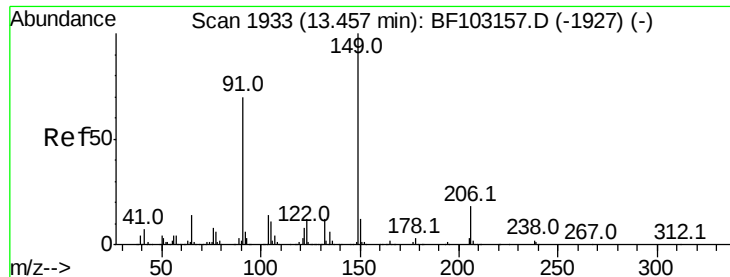


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 33.122 ng

RT: 13.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

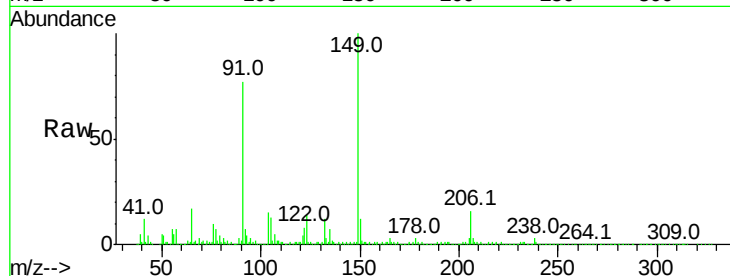
Tot Ion:149 Resp: 235489

Ion Ratio Lower Upper

149 100

91 77.1 56.8 85.2

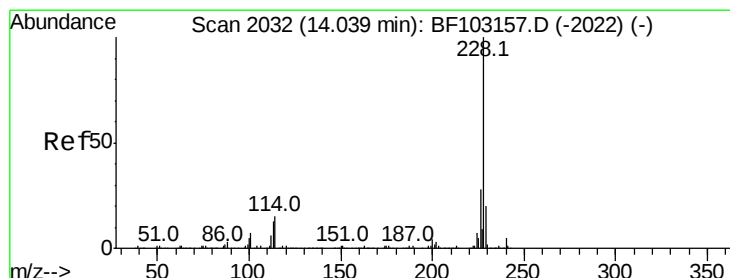
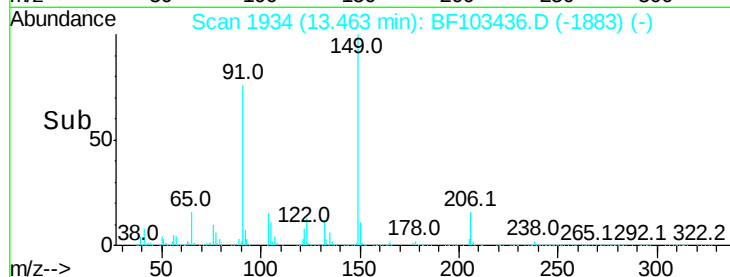
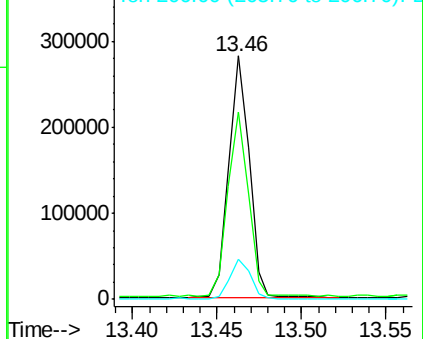
206 16.5 14.1 21.1



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: 37.857 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

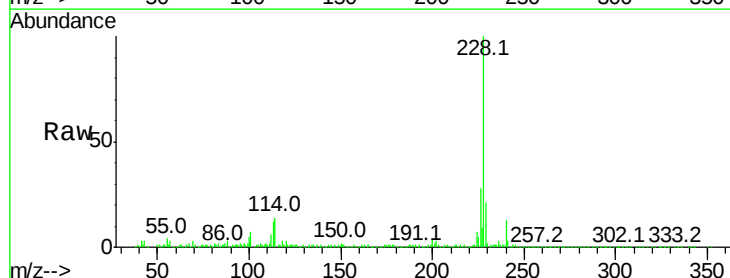
Tgt Ion:228 Resp: 423958

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

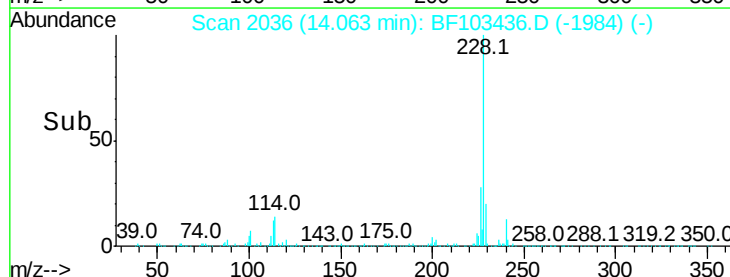
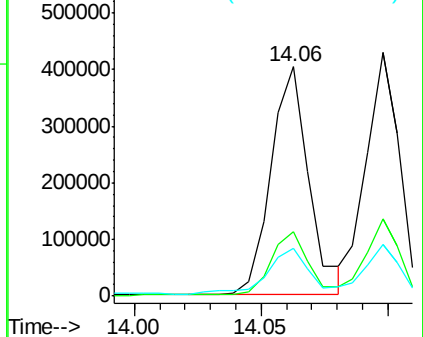
229 20.9 15.8 23.6

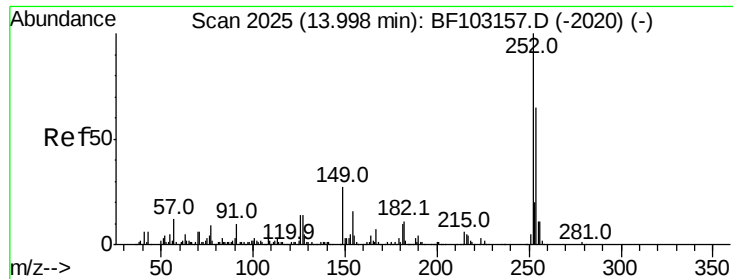


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

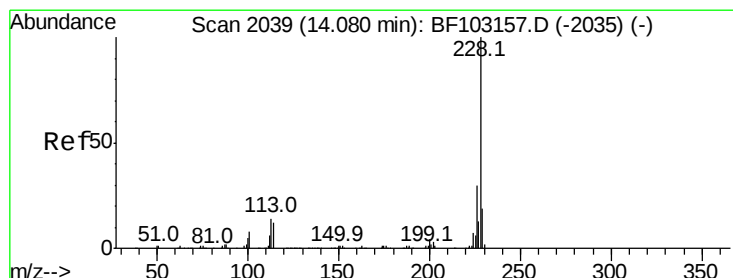
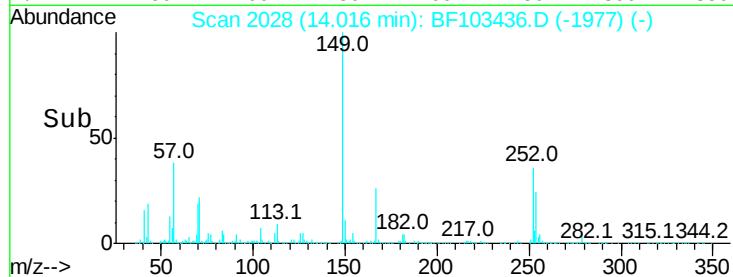
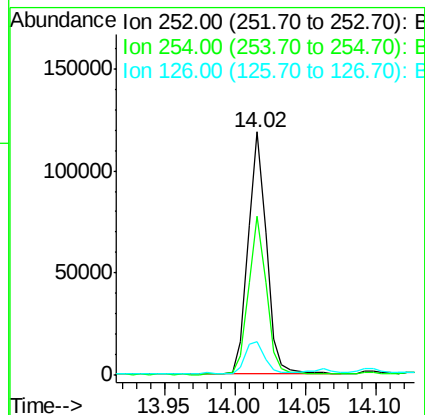
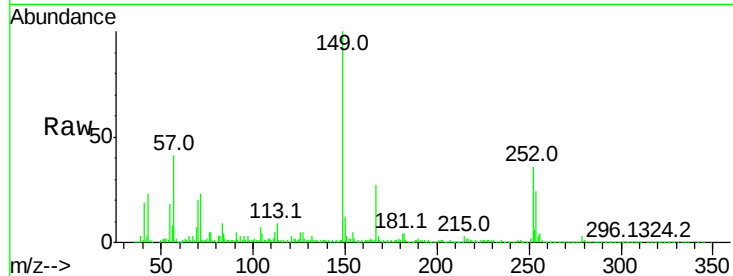




#81
 3,3'-Dichlorobenzidine
 Concen: 26.868 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

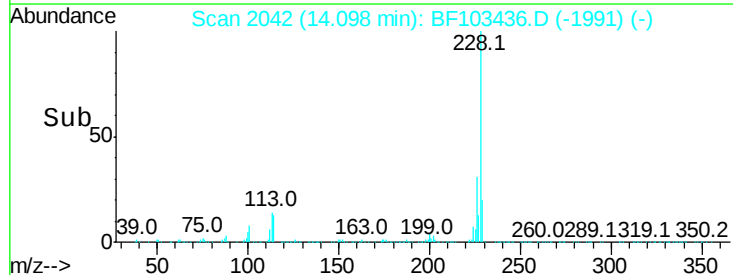
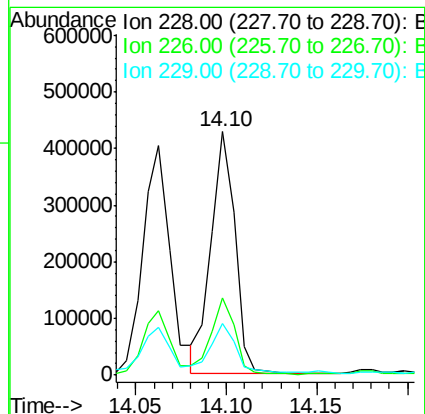
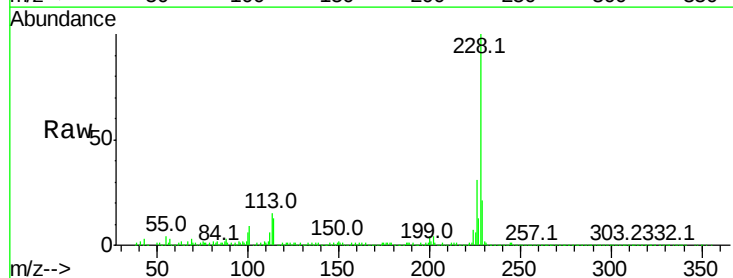
Instrument :
 BNA_F
 ClientSampleId :

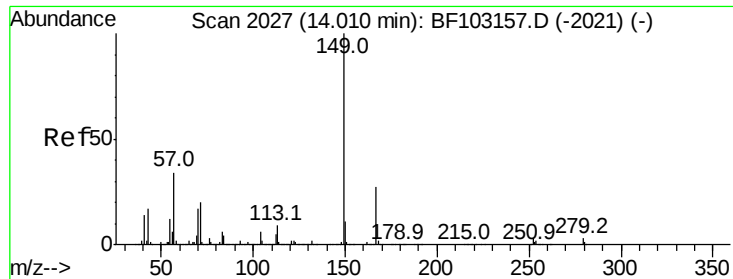
Tot Ion:252 Resp: 107383
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.4 75.6
 126 13.8 11.3 16.9



#82
 Chrysene
 Concen: 36.480 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion:228 Resp: 396669
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 21.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.409 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

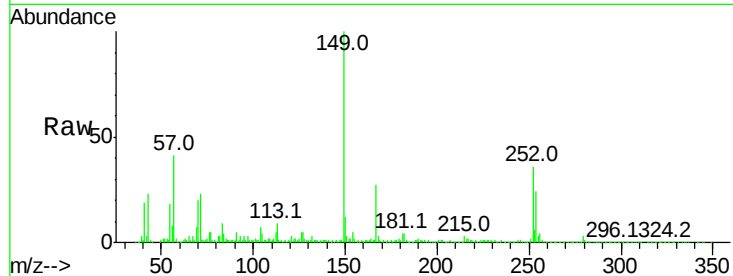
Tot Ion:149 Resp: 310940

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

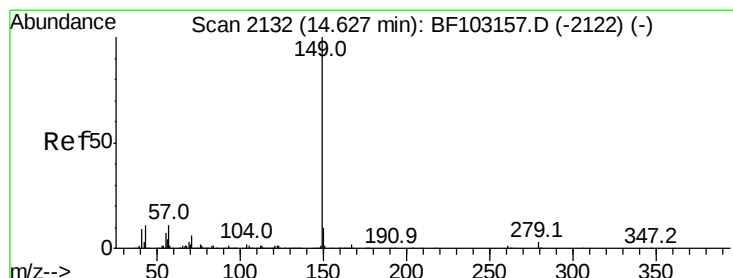
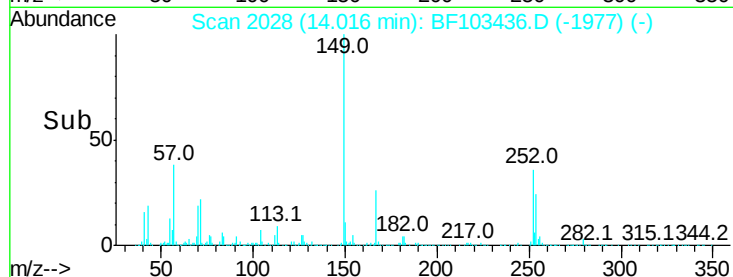
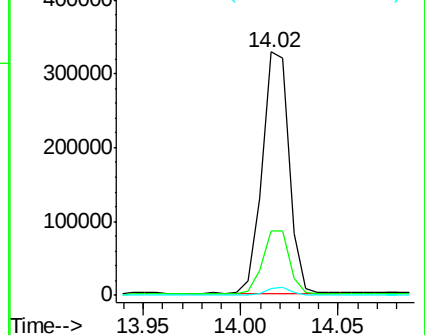
279 2.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.199 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

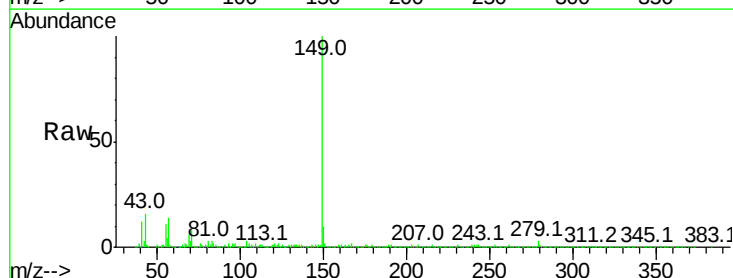
Tgt Ion:149 Resp: 499134

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

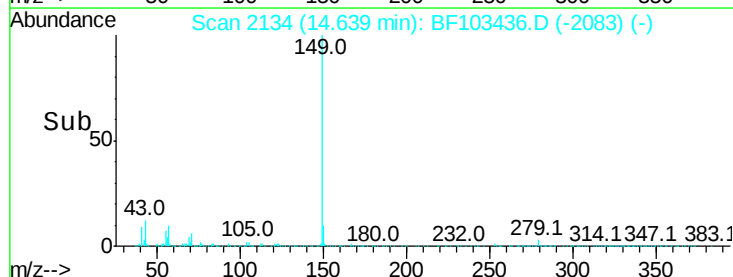
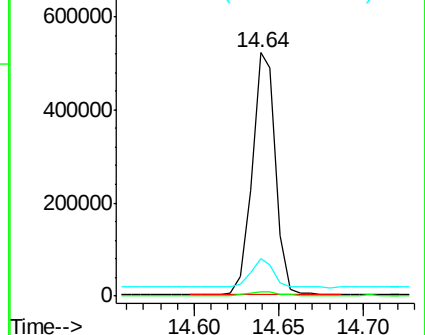
43 12.5 8.4 12.6

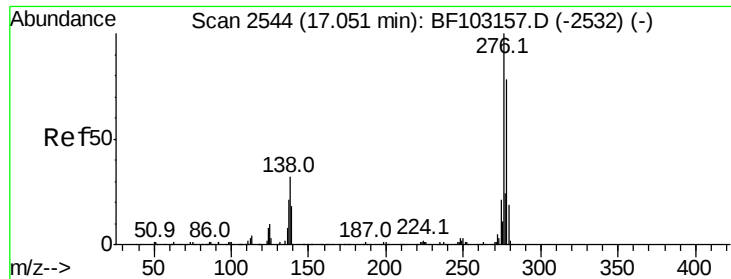


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

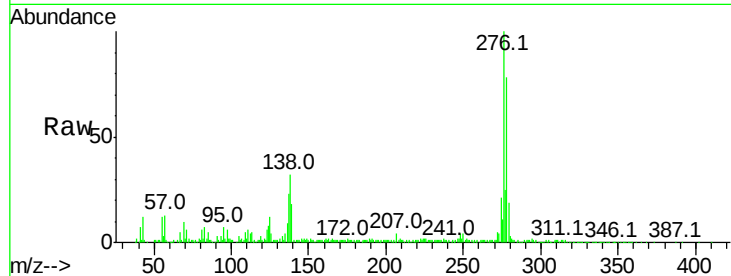




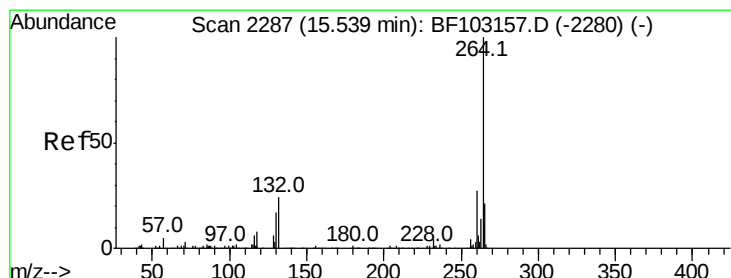
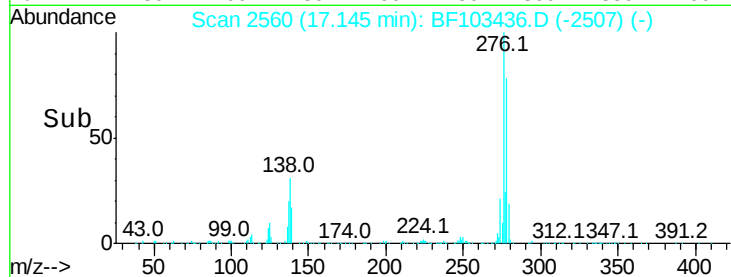
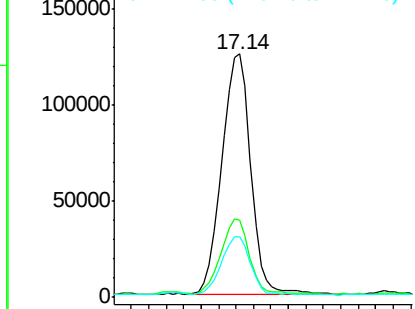
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.834 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.0	37.6
277	23.8	20.1	30.1

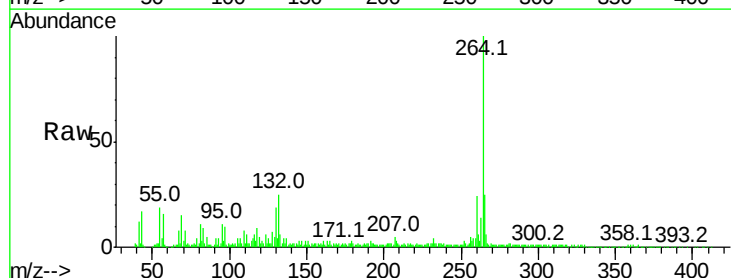


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

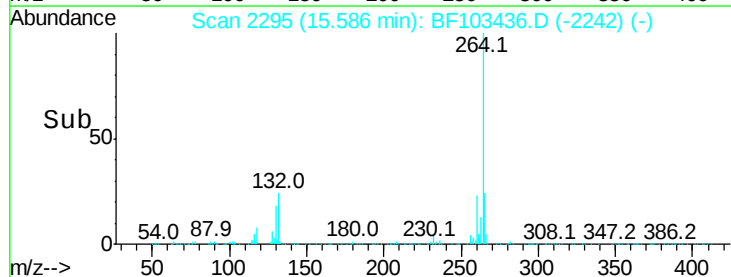
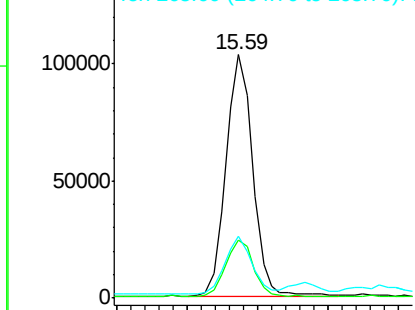


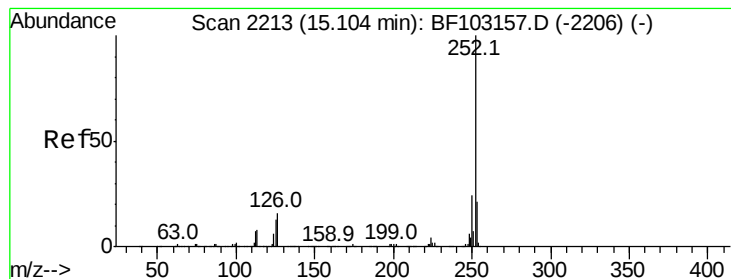
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF103436.D
 Acq: 6 Mar 2018 3:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	25.4	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: 28.880 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.04 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

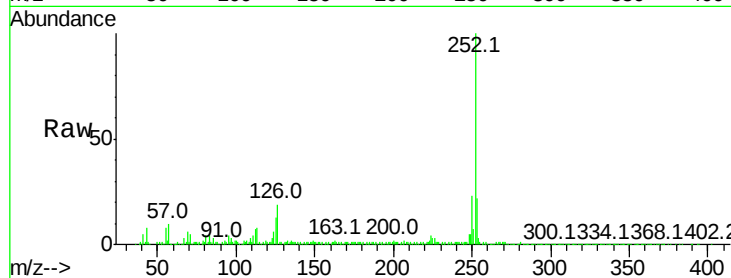
Tot Ion:252 Resp: 258771

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

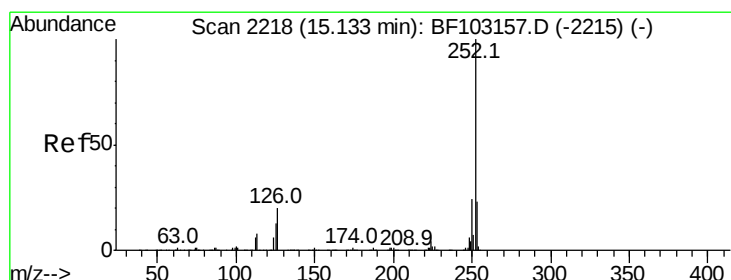
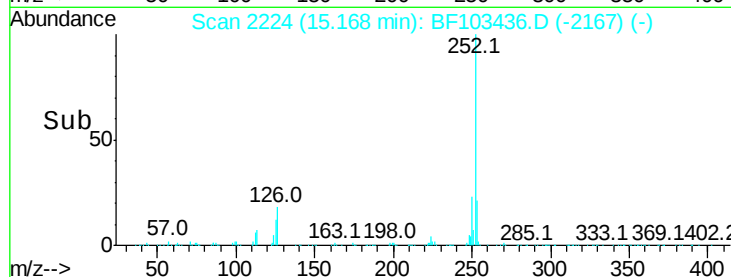
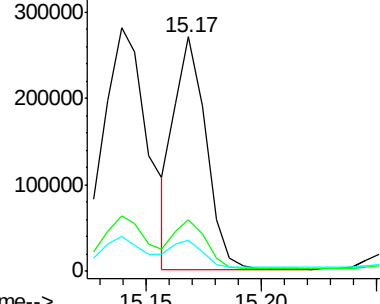
125 13.3 9.0 13.6



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: 30.670 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

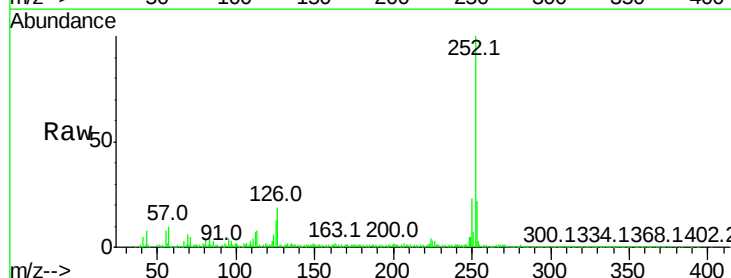
Tgt Ion:252 Resp: 258771

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

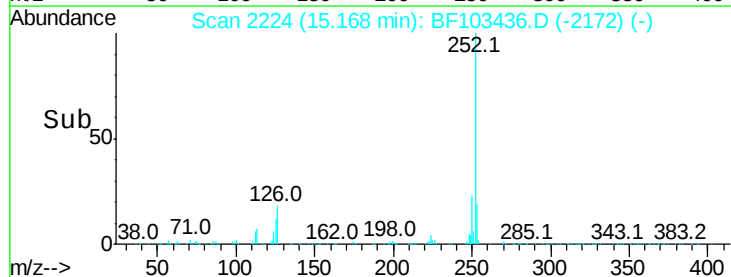
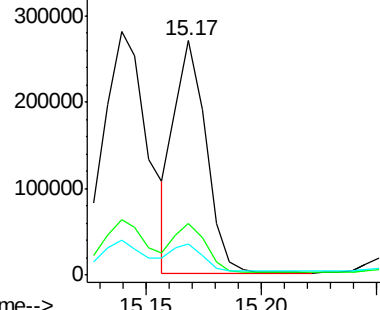
125 13.3 10.2 15.2

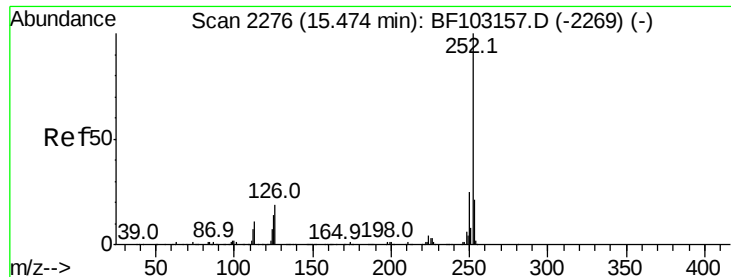


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.172 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

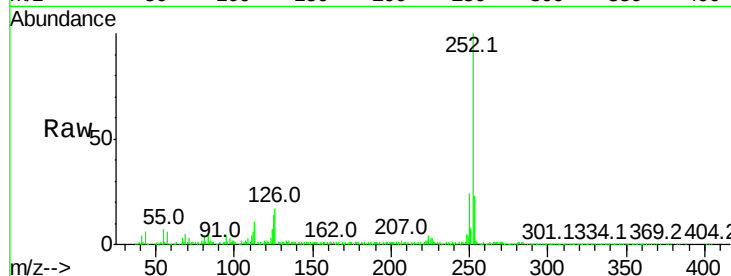
Tot Ion:252 Resp: 345439

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

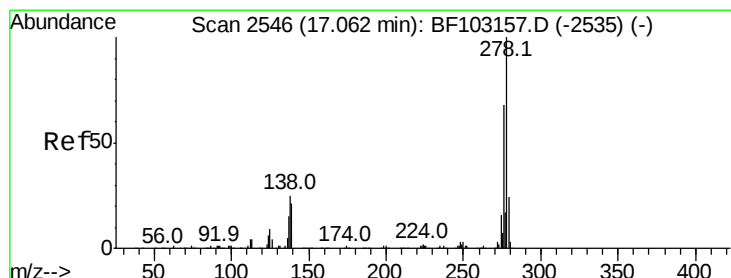
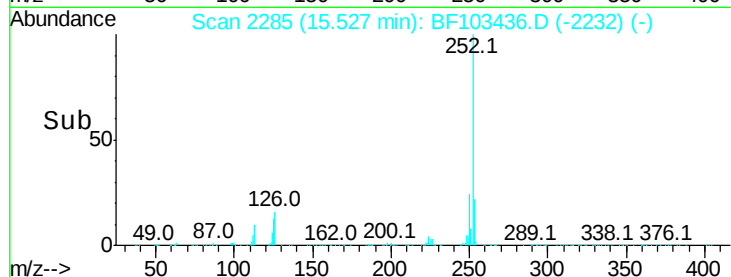
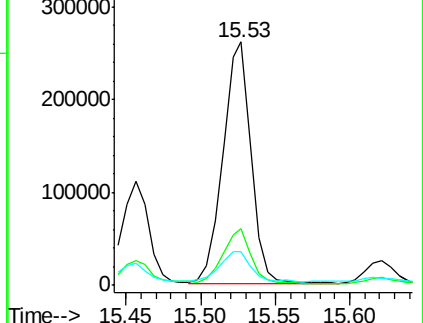
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.938 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.01 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

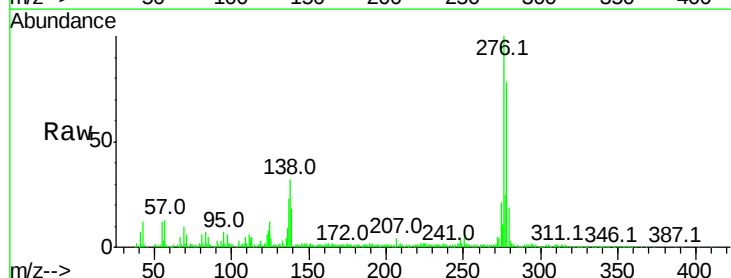
Tgt Ion:278 Resp: 197464

Ion Ratio Lower Upper

278 100

139 23.5 15.9 23.9

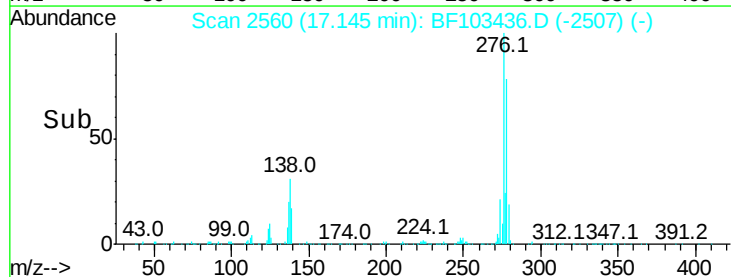
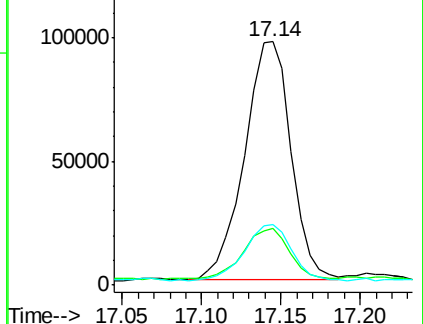
279 25.0 19.0 28.4

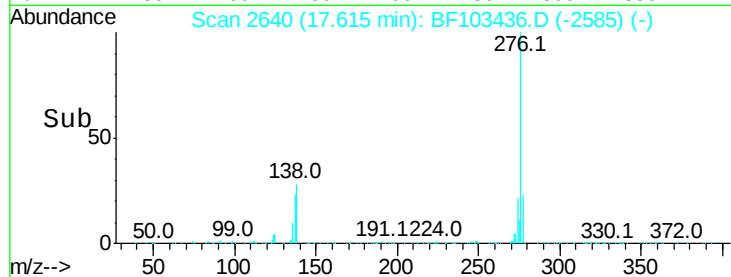
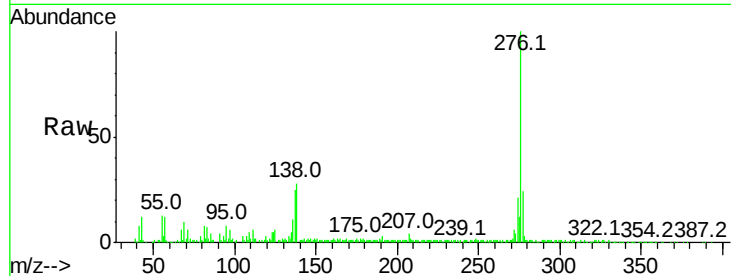
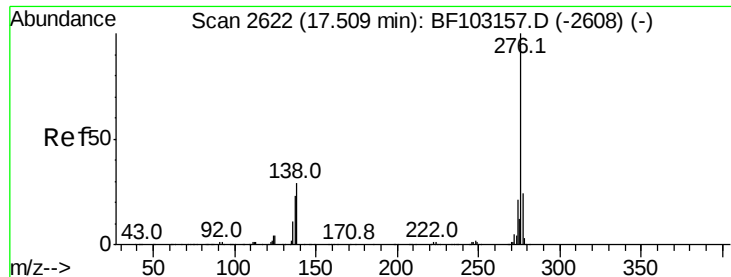


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.016 ng

RT: 17.62 min Scan# 2640

Delta R.T. 0.02 min

Lab File: BF103436.D

Acq: 6 Mar 2018 3:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 259929

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.3 21.8 32.8

