

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103195.D
 Acq On : 23 Feb 2018 13:18
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-S-2ppm
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 16:45:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182736	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	807705	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	375316	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	646600	20.00	ng	0.00
75) Chrysene-d12	14.04	240	476057	20.00	ng	0.00
86) Perylene-d12	15.54	264	460859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1322490	109.46	ng	0.00
7) Phenol-d6	6.50	99	1634344	110.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	1222419	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	368061	115.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1825930	83.43	ng	0.00
78) Terphenyl-d14	12.99	244	1458220	73.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	12753	1.998	ng	95
3) Pyridine	3.63	79	11141	0.654	ng	91
4) n-Nitrosodimethylamine	3.45	42	3687	0.537	ng	# 55
6) Aniline	6.54	93	44076	2.066	ng	94
8) 2-Chlorophenol	6.66	128	27048	2.155	ng	94
9) Benzaldehyde	6.43	77	15644	0.860	ng	97
10) Phenol	6.52	94	36498	2.127	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	30995	2.379	ng	89
12) 1,3-Dichlorobenzene	6.81	146	31760	2.214	ng	100
13) 1,4-Dichlorobenzene	6.89	146	33168	2.306	ng	98
14) 1,2-Dichlorobenzene	7.04	146	30701	2.315	ng	98
15) Benzyl Alcohol	7.01	79	40556	3.640	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.14	45	50151	2.242	ng	95
17) 2-Methylphenol	7.12	107	24528	2.150	ng	93
18) Hexachloroethane	7.38	117	11856	2.265	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	23860	2.593	ng	95
20) 3+4-Methylphenols	7.28	107	32917	2.367	ng	# 60
22) Acetophenone	7.27	105	45677	2.423	ng	# 92
24) Nitrobenzene	7.45	77	38254	2.457	ng	96
25) Isophorone	7.69	82	59363	2.131	ng	# 94
26) 2-Nitrophenol	7.77	139	13010	1.775	ng	95
27) 2,4-Dimethylphenol	7.80	122	21562	1.924	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	35050	2.140	ng	99
29) 2,4-Dichlorophenol	8.02	162	20549	1.915	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	25035	2.191	ng	96
31) Naphthalene	8.17	128	90997	2.301	ng	98
32) Benzoic acid	7.89	122	5100	7.439	ng	93
33) 4-Chloroaniline	8.23	127	33815	1.982	ng	97
34) Hexachlorobutadiene	8.29	225	13047	2.193	ng	96
35) Caprolactam	8.56	113	6903	1.831	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	25176	2.081	ng	94
37) 2-Methylnaphthalene	8.86	142	60251	2.358	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	21571	2.102	ng	94
40) Hexachlorocyclopentadiene	9.02	237	460	8.995	ng	94

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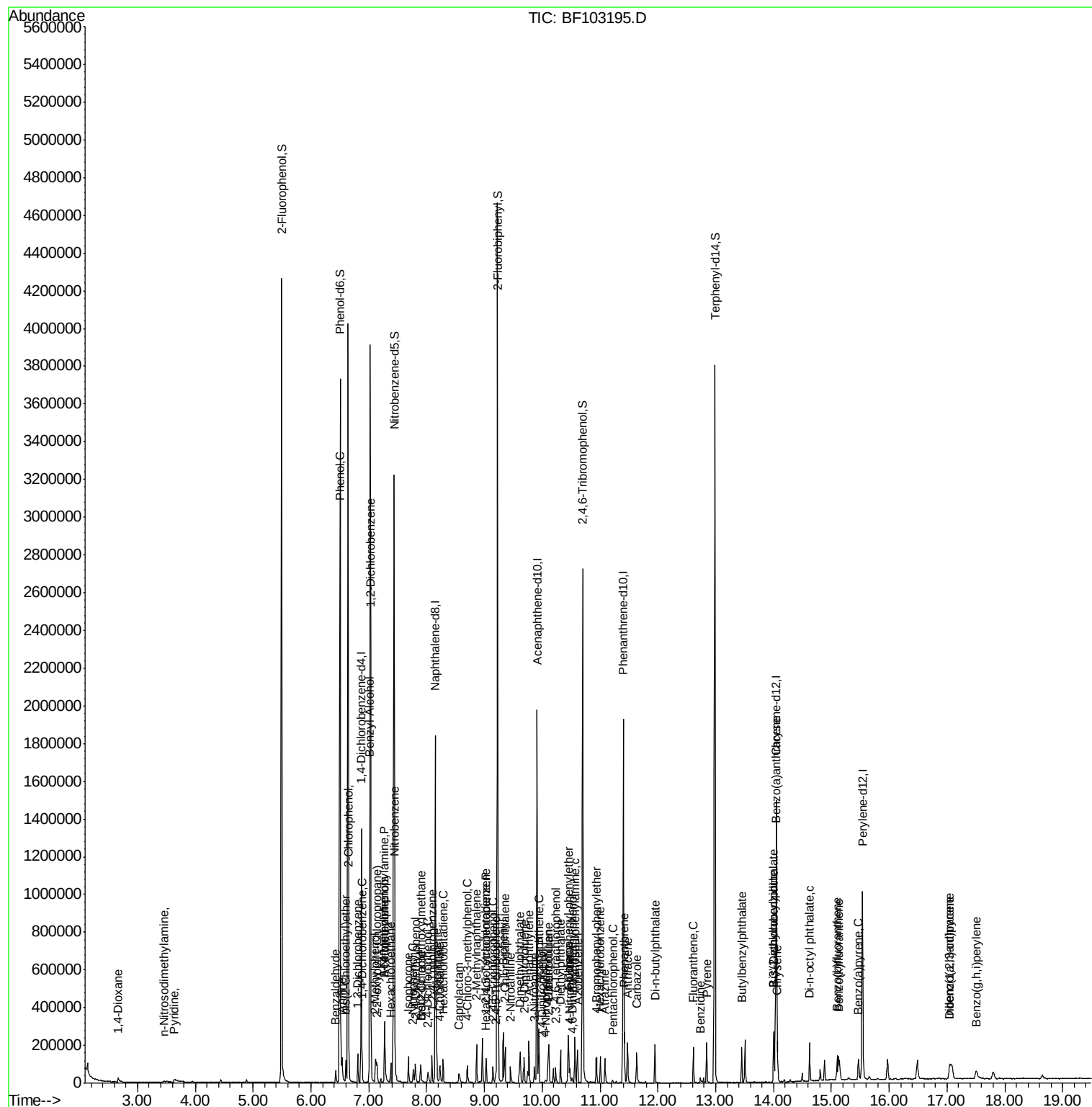
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	13486	1.953	nq	94
43) 2,4,5-Trichlorophenol	9.19	196	15229	1.918	nq	94
45) 1,1'-Biphenyl	9.33	154	80241	2.551	nq	96
46) 2-Chloronaphthalene	9.36	162	56118	2.255	nq	96
47) 2-Nitroaniline	9.45	65	18046	1.958	nq #	81
48) Acenaphthylene	9.77	152	89511	2.338	nq	98
49) Dimethylphthalate	9.62	163	68191	2.265	nq	100
50) 2,6-Dinitrotoluene	9.69	165	12632	1.999	nq #	77
51) Acenaphthene	9.94	154	54020	2.420	nq	98
52) 3-Nitroaniline	9.86	138	15167	1.892	nq	90
53) 2,4-Dinitrophenol	10.00	184	497	9.813	nq #	1
54) Dibenzofuran	10.12	168	76409	2.494	nq	99
55) 4-Nitrophenol	10.05	139	5090	1.025	nq	84
56) 2,4-Dinitrotoluene	10.10	165	15044	1.883	nq #	91
57) Fluorene	10.46	166	62226	2.384	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	10380	1.946	nq #	94
59) Diethylphthalate	10.32	149	66077	2.295	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	26258	2.372	nq	96
61) 4-Nitroaniline	10.47	138	13635	1.703	nq	99
62) Azobenzene	10.61	77	67500	2.303	nq	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	3307	5.699	nq #	76
65) n-Nitrosodiphenylamine	10.56	169	51988	2.309	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	14657	2.176	nq	93
67) Hexachlorobenzene	11.00	284	15515	2.122	nq	91
68) Atrazine	11.09	200	13552	2.003	nq	92
69) Pentachlorophenol	11.22	266	3311	0.937	nq	89
70) Phenanthrene	11.42	178	84123	2.364	nq	98
71) Anthracene	11.47	178	85878	2.353	nq	100
72) Carbazole	11.63	167	78530	2.161	nq	97
73) Di-n-butylphthalate	11.95	149	102420	2.253	nq	97
74) Fluoranthene	12.62	202	79539	2.224	nq	97
76) Benzidine	12.73	184	17367	0.976	nq #	91
77) Pyrene	12.85	202	84171	2.268	nq	99
79) Butylbenzylphthalate	13.45	149	38137	1.945	nq	98
80) Benzo(a)anthracene	14.03	228	65615	2.124	nq	96
81) 3,3'-Dichlorobenzidine	14.00	252	21957	1.992	nq	98
82) Chrysene	14.07	228	66970	2.233	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	55984	2.116	nq #	99
84) Di-n-octyl phthalate	14.63	149	85443	1.998	nq	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	52188	2.198	nq	96
87) Benzo(b)fluoranthene	15.10	252	54654	1.804	nq	97
88) Benzo(k)fluoranthene	15.13	252	61661	2.161	nq	96
89) Benzo(a)pyrene	15.47	252	54008	1.996	nq #	96
90) Dibenzo(a,h)anthracene	17.06	278	43288	2.070	nq #	94
91) Benzo(g,h,i)perylene	17.51	276	42516	2.081	nq #	93

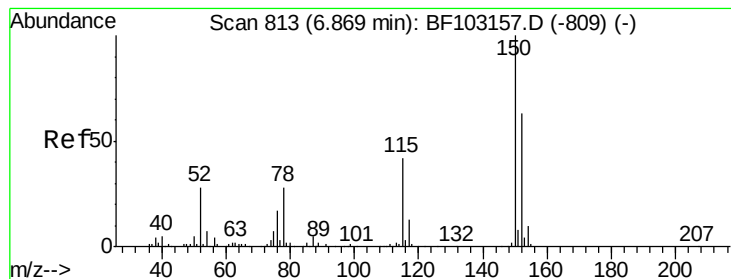
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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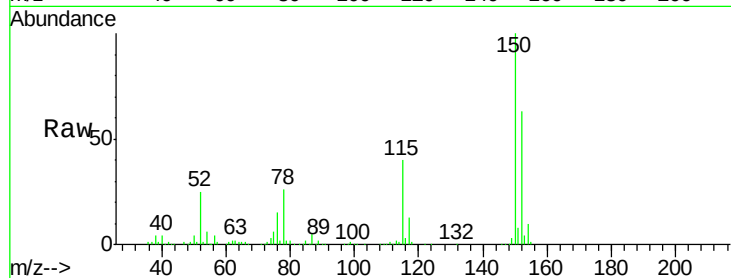


#1

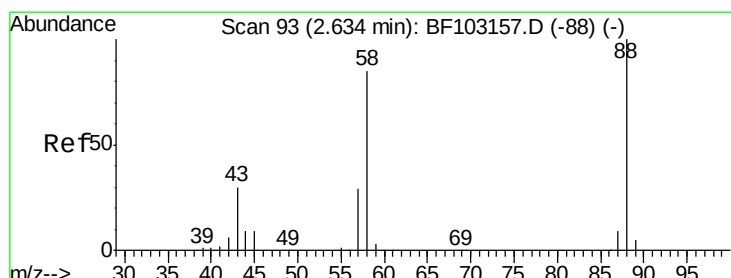
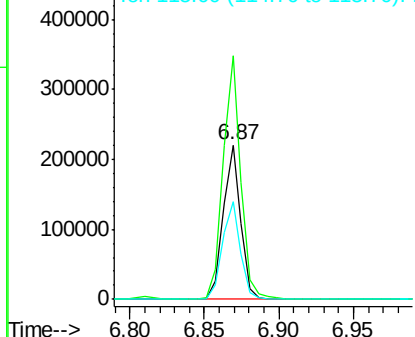
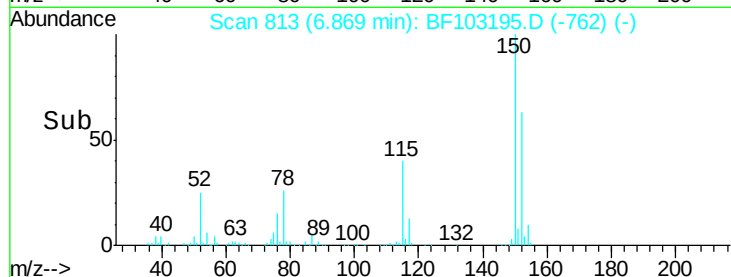
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 182736
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 63.5 50.1 75.1



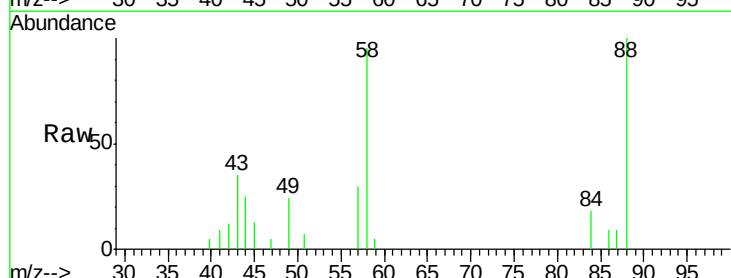
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



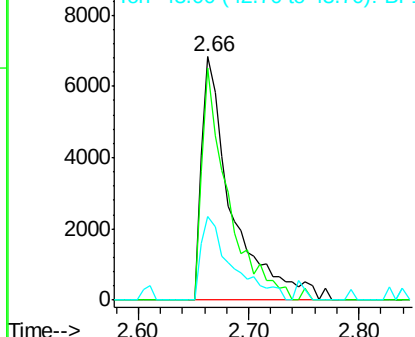
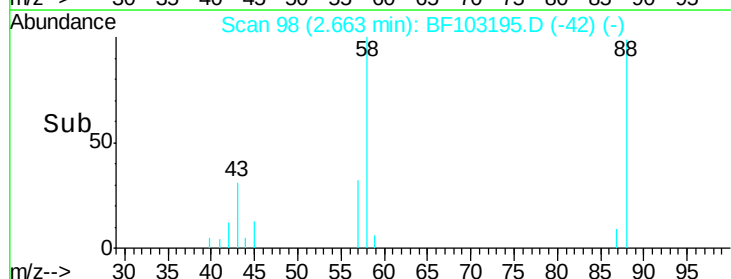
#2

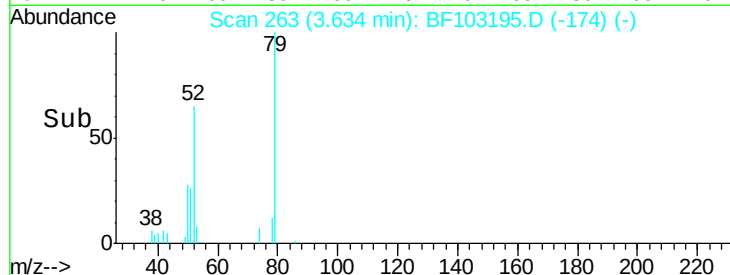
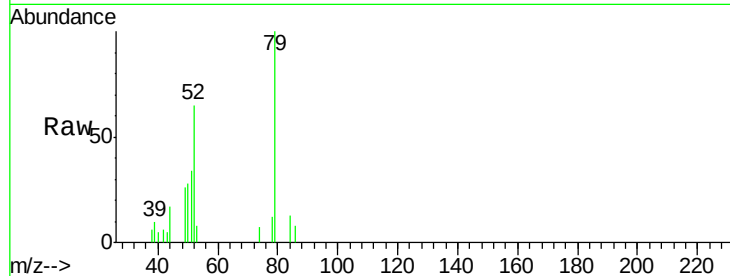
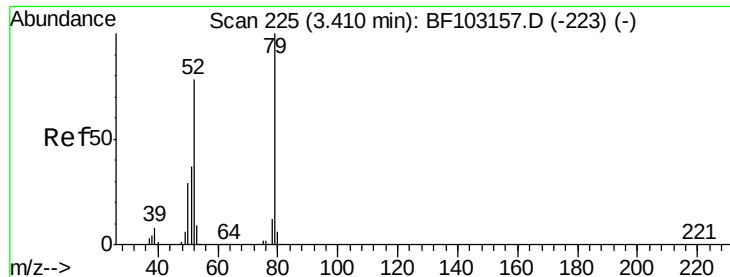
1,4-Dioxane
Concen: 1.998 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion: 88 Resp: 12753
Ion Ratio Lower Upper
88 100
58 81.9 62.6 93.8
43 35.0 24.6 37.0



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

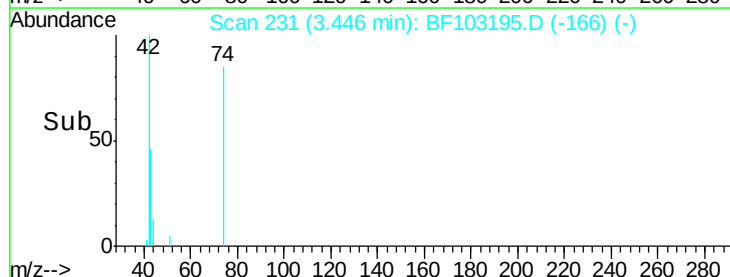
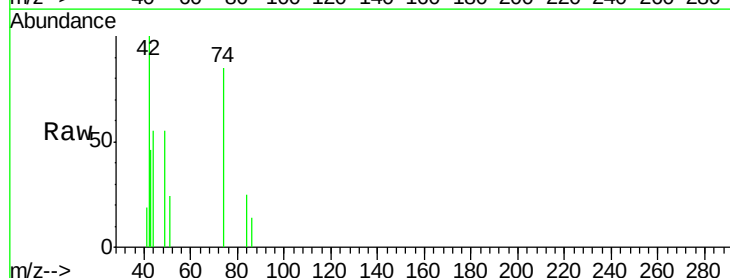
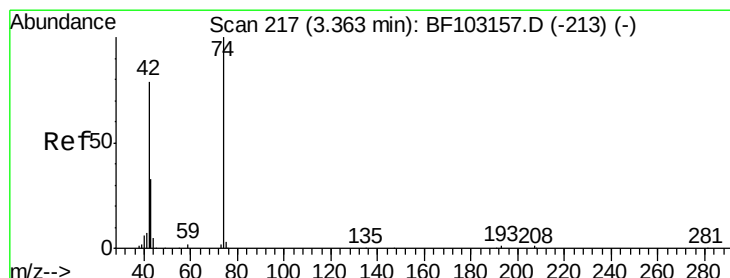
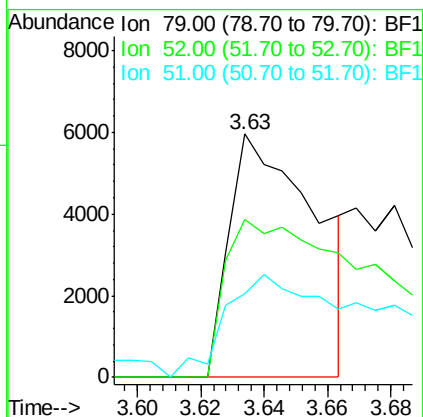




#3
 Pvridine
 Concen: 0.654 ng
 RT: 3.63 min Scan# 263
 Delta R.T. 0.22 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

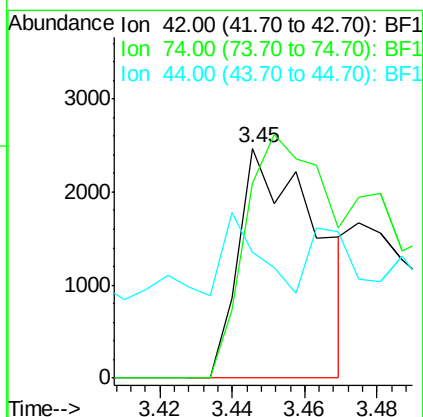
Instrument :
 BNA_F
 ClientSampleId :

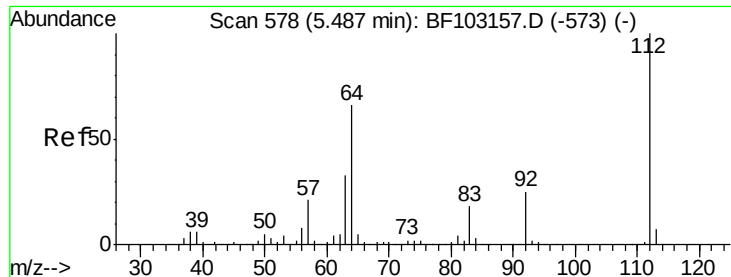
Tot Ion	Ion	Ratio	Lower	Upper
79.00	79	100		
52.00	52	65.0	59.8	89.6
51.00	51	34.5	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 0.537 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion	Ion	Ratio	Lower	Upper
42.00	42	100		
74.00	74	84.6	104.9	157.3#
44.00	44	55.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 109.457 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

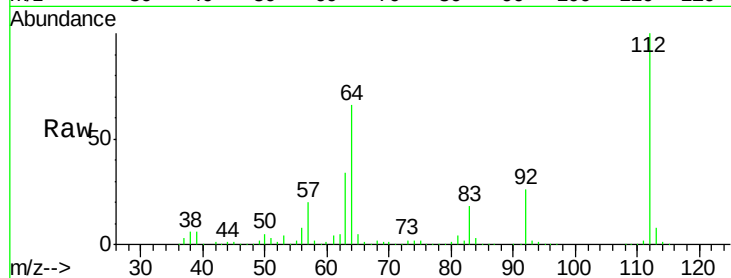
Tot Ion:112 Resp: 1322490

Ion Ratio Lower Upper

112 100

64 65.9 47.9 71.9

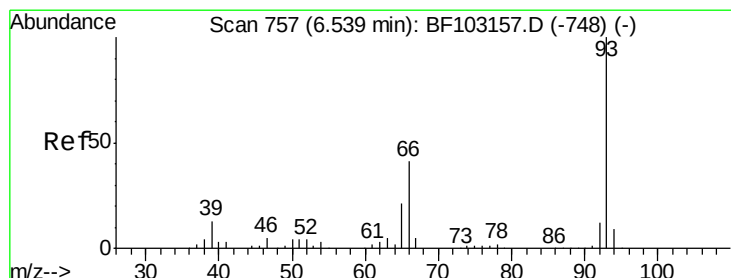
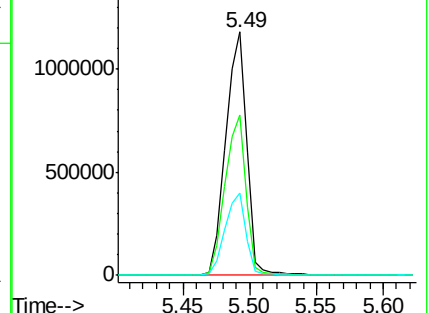
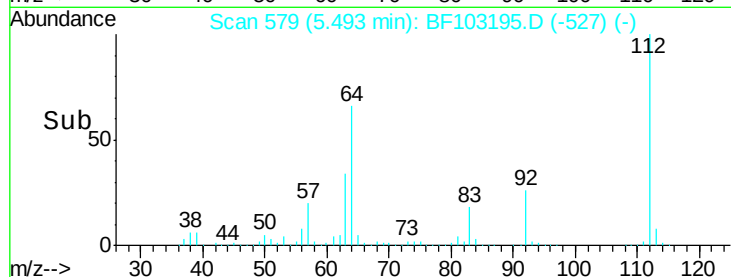
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 2.066 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

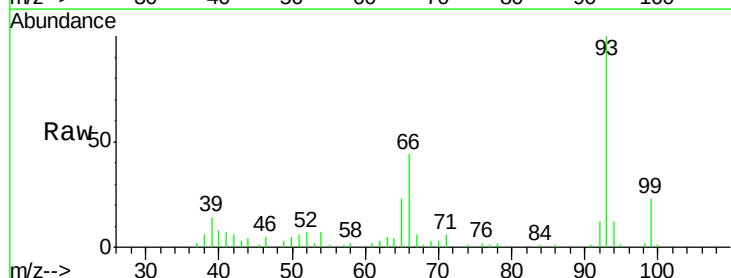
Tgt Ion: 93 Resp: 44076

Ion Ratio Lower Upper

93 100

66 44.5 32.2 48.2

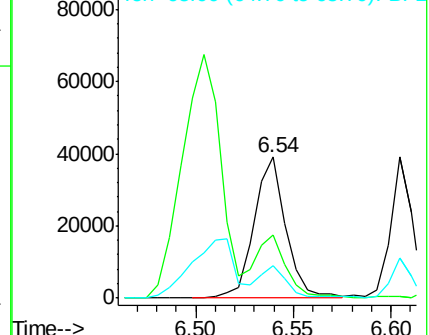
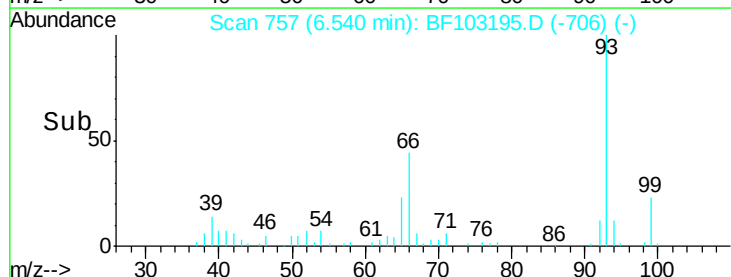
65 22.9 16.4 24.6

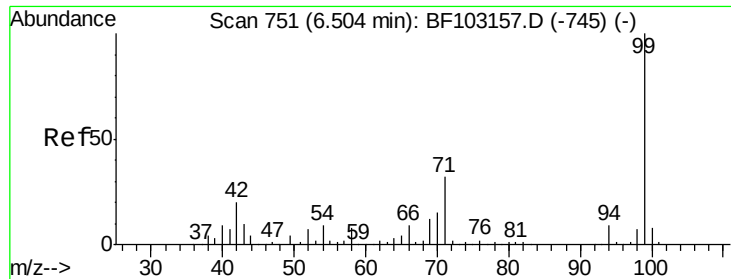


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.544 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

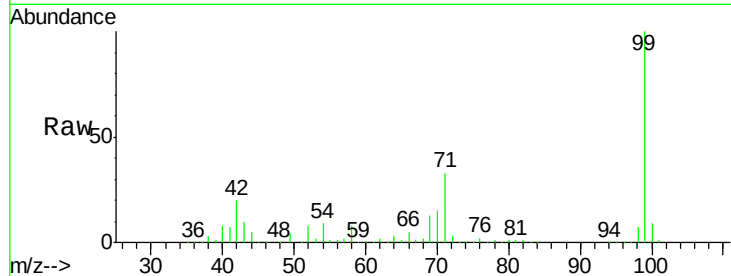
Tot Ion: 99 Resp: 1634344

Ion Ratio Lower Upper

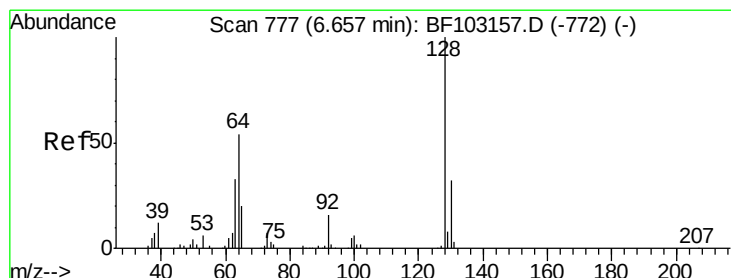
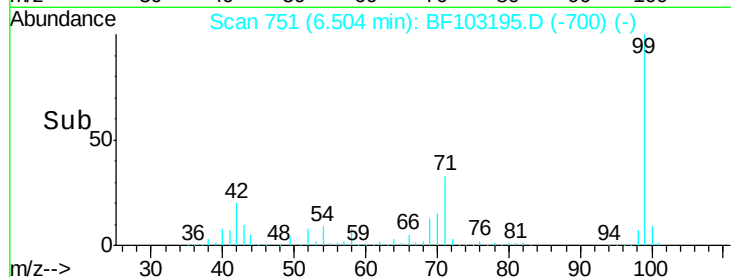
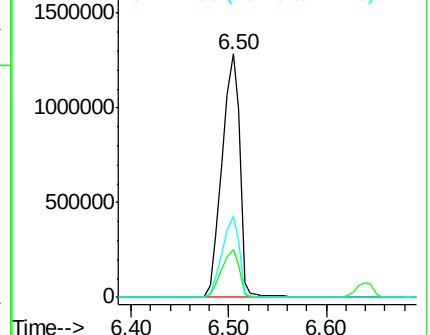
99 100

42 19.7 14.5 21.7

71 33.1 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: 2.155 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

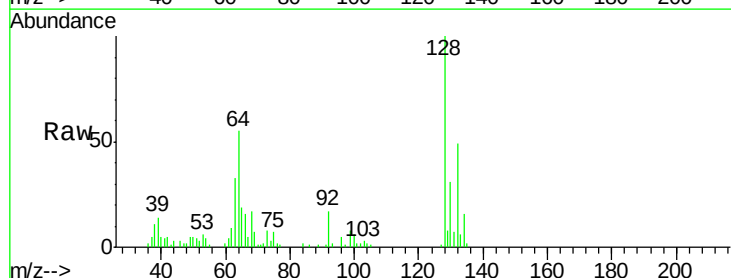
Tgt Ion:128 Resp: 27048

Ion Ratio Lower Upper

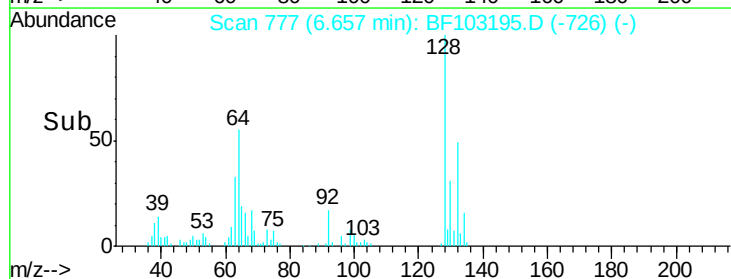
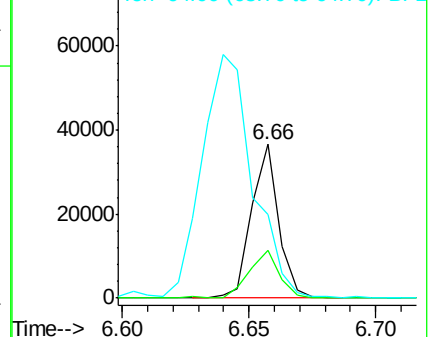
128 100

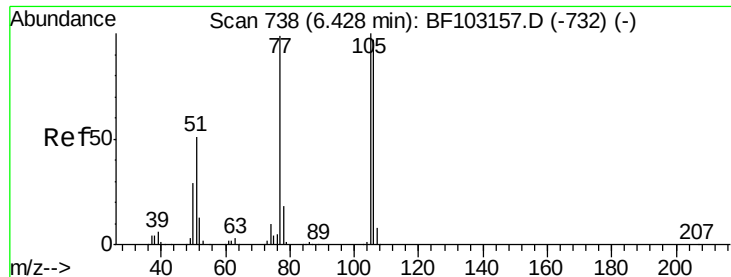
130 30.9 13.0 53.0

64 54.7 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: 0.860 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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Instrument :

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ClientSampled :

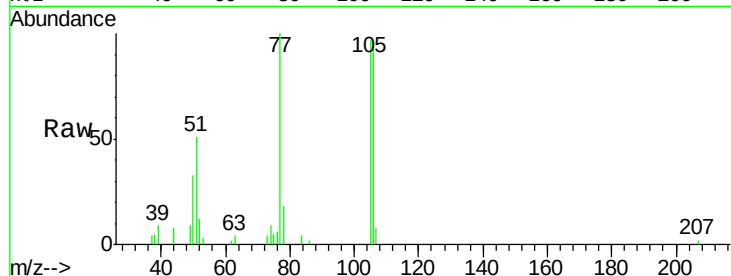
Tot Ion: 77 Resp: 15644

Ion Ratio Lower Upper

77 100

105 96.6 81.1 121.1

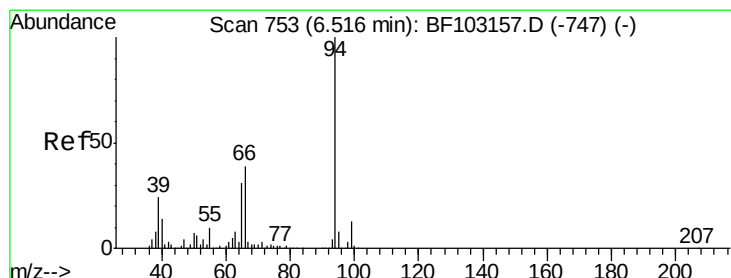
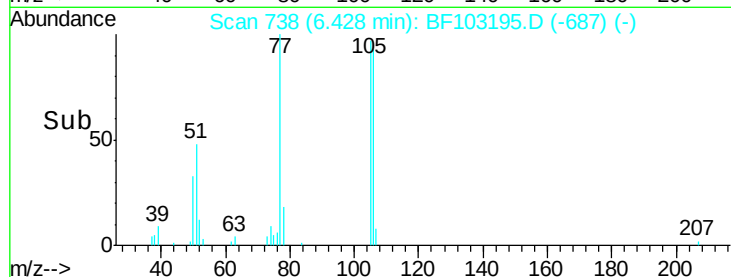
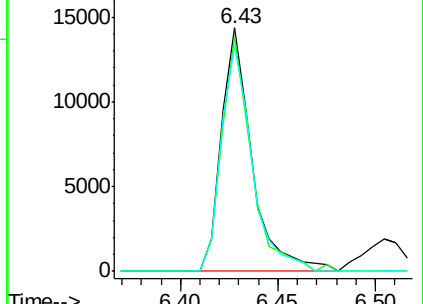
106 92.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.127 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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Acq: 23 Feb 2018 13:18

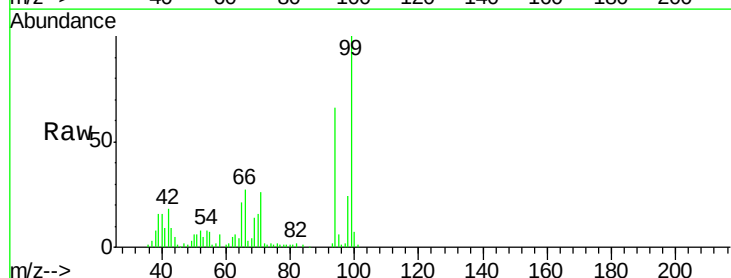
Tgt Ion: 94 Resp: 36498

Ion Ratio Lower Upper

94 100

65 31.9 7.9 47.9

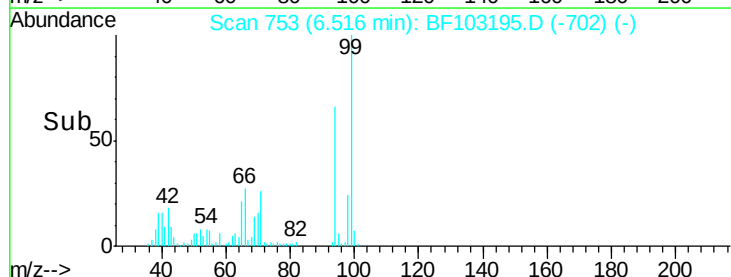
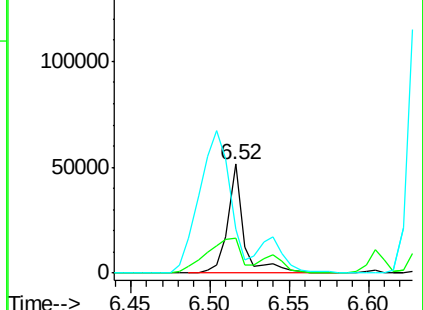
66 40.8 16.2 56.2

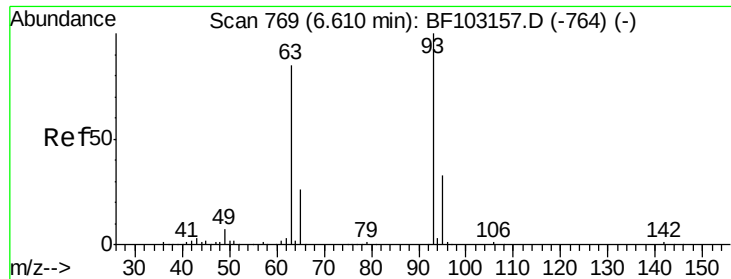


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

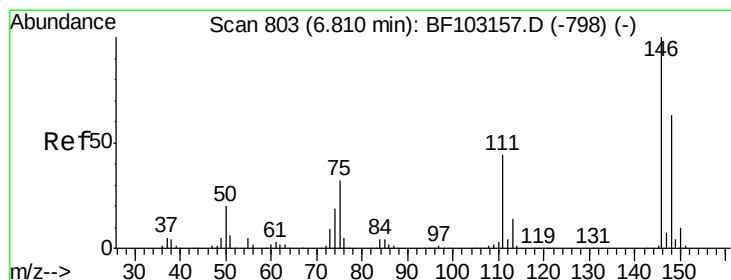
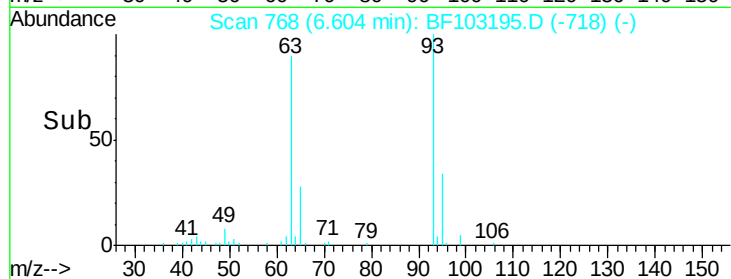
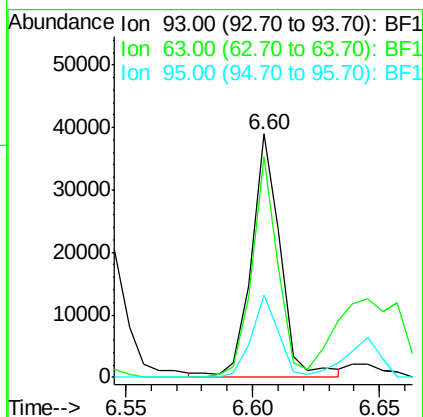
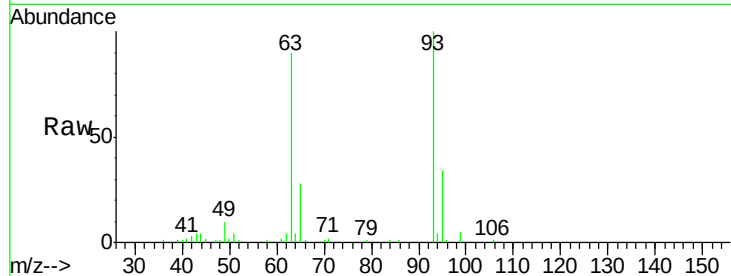




#11
bis(2-Chloroethyl)ether
Concen: 2.379 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

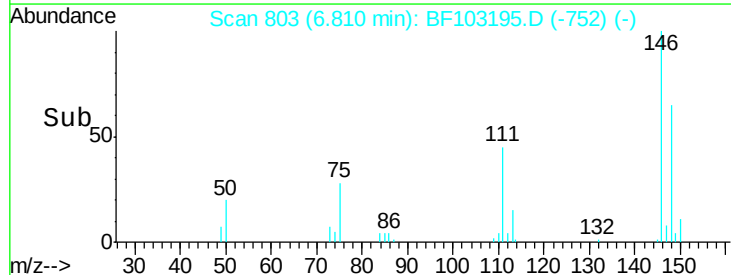
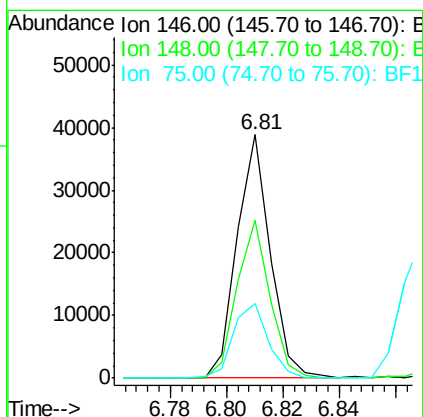
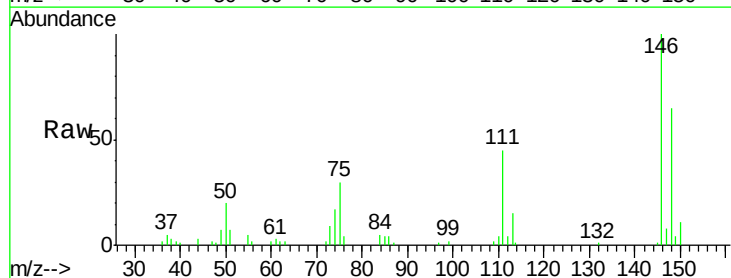
Instrument :
BNA_F
ClientSampleId :

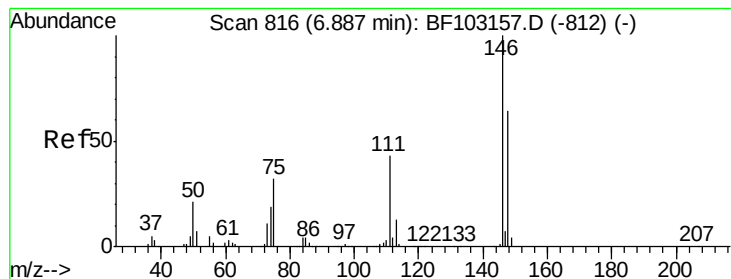
Tot Ion: 93 Resp: 30995
Ion Ratio Lower Upper
93 100
63 90.4 58.6 98.6
95 33.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 2.214 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion: 146 Resp: 31760
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 30.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 2.306 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampled :

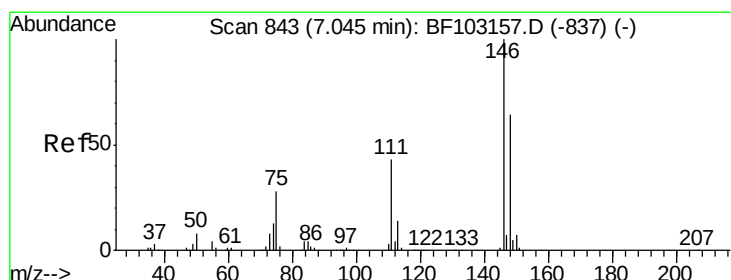
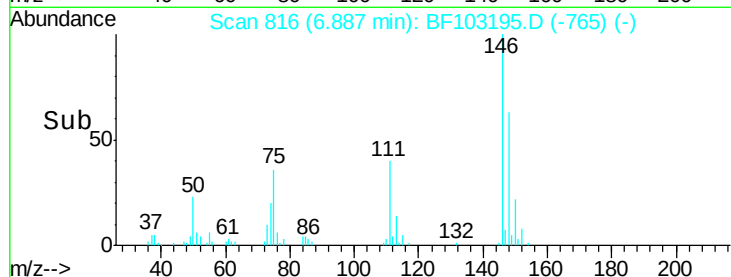
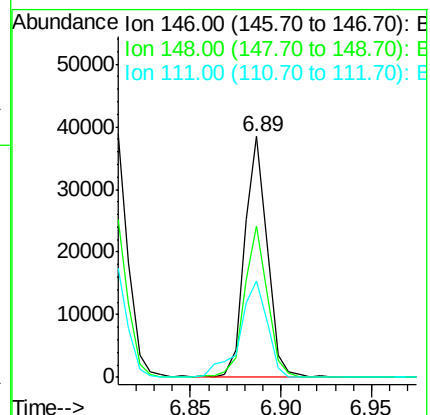
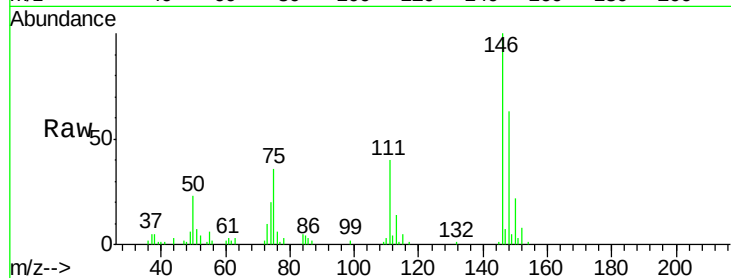
Tot Ion:146 Resp: 33168

Ion Ratio Lower Upper

146 100

148 62.7 50.8 76.2

111 39.8 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 2.315 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

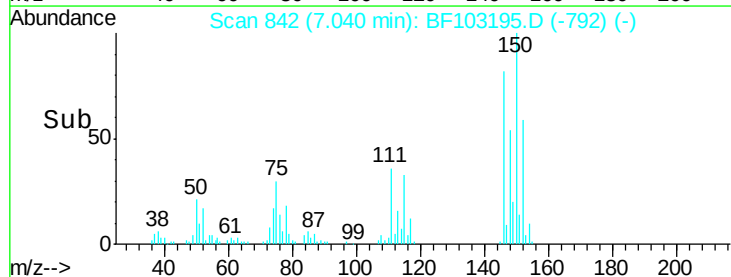
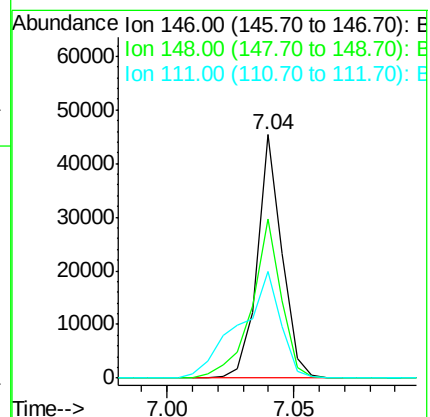
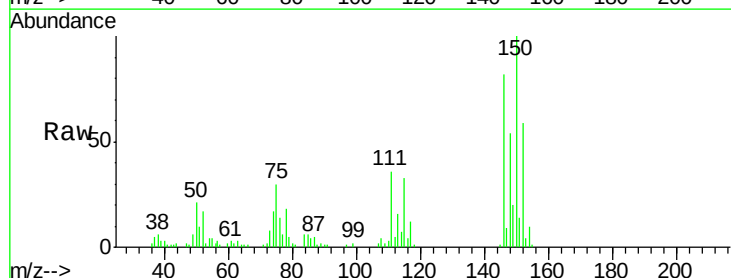
Tgt Ion:146 Resp: 30701

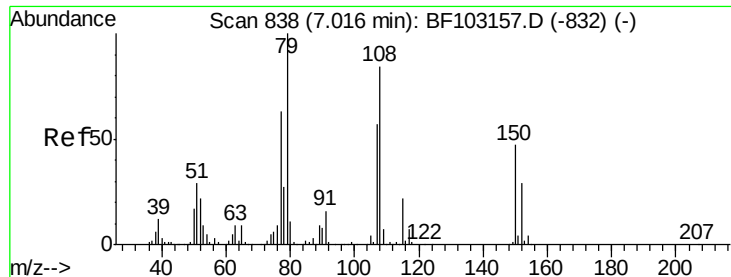
Ion Ratio Lower Upper

146 100

148 65.3 50.6 75.8

111 43.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 3.640 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

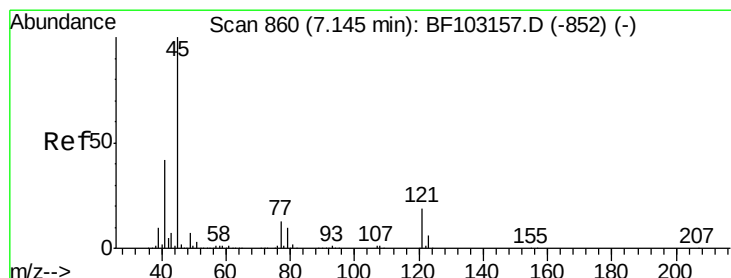
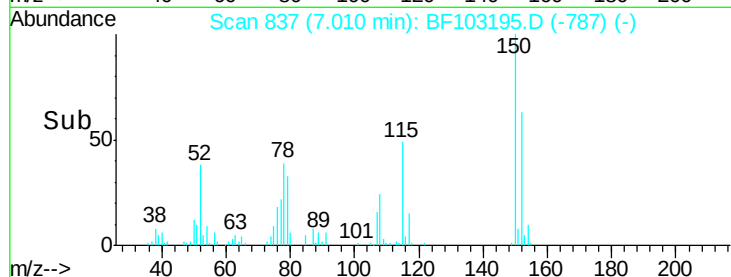
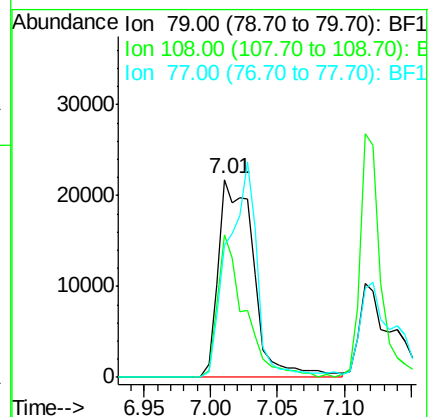
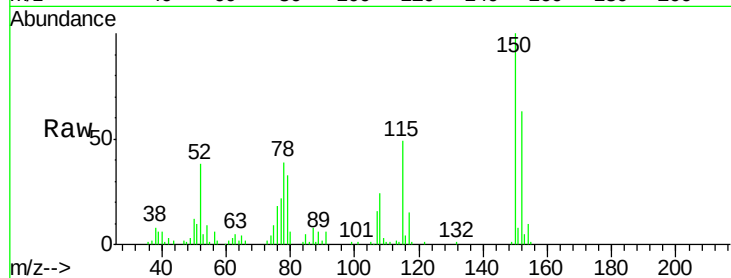
Tot Ion: 79 Resp: 40556

Ion Ratio Lower Upper

79 100

108 72.3 65.1 97.7

77 66.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.242 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

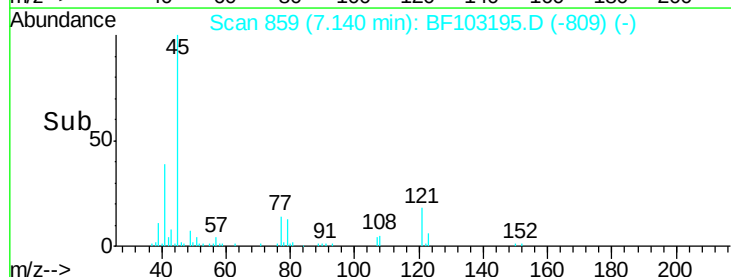
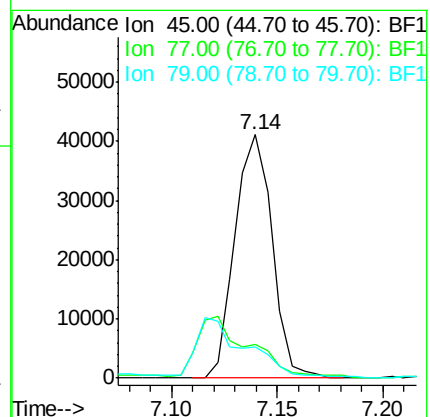
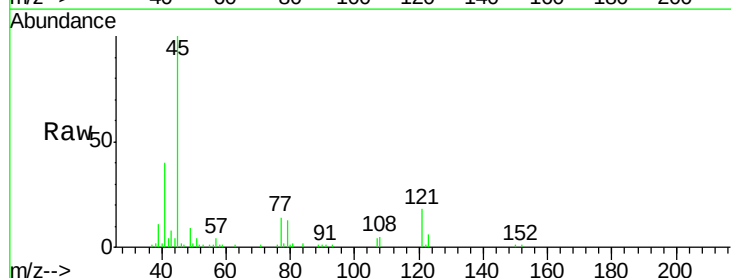
Tgt Ion: 45 Resp: 50151

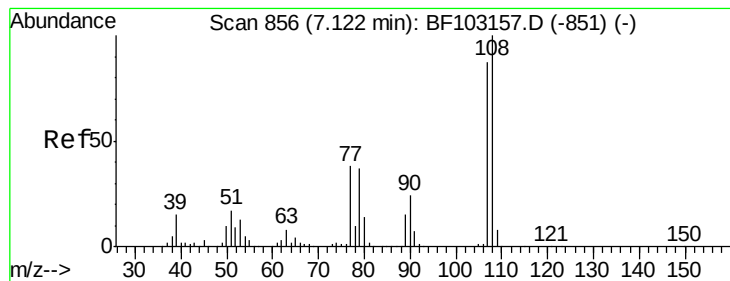
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.9

79 12.8 0.0 29.6





#17

2-Methylphenol

Concen: 2.150 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 24528

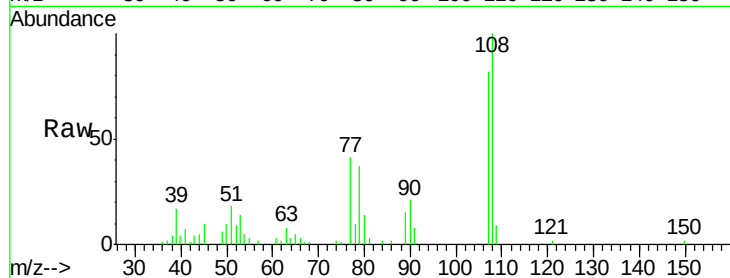
Ion Ratio Lower Upper

107 100

108 121.3 91.7 137.5

77 50.1 33.8 50.8

79 45.2 33.8 50.8

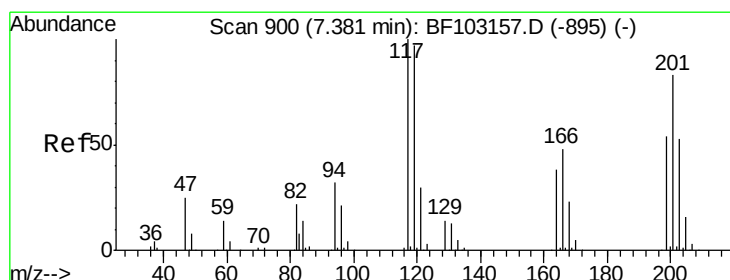
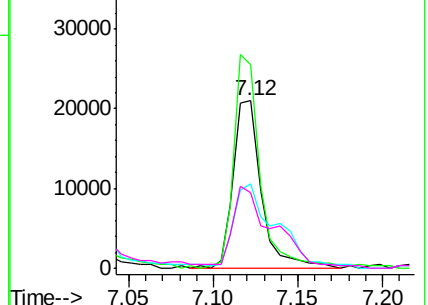
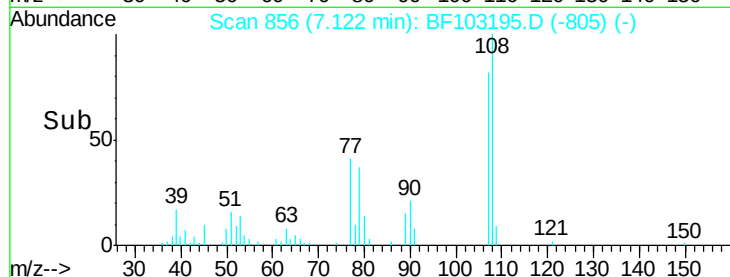


Abundance Ion 107.00 (106.70 to 107.70): E

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: 2.265 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

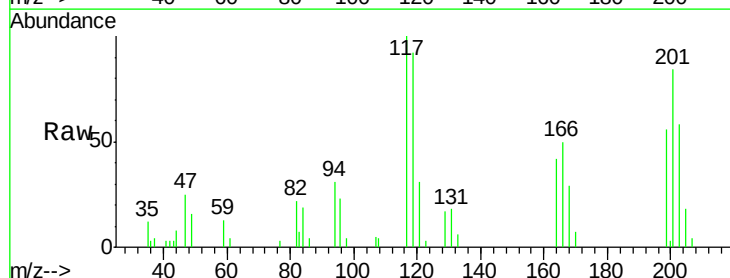
Tgt Ion:117 Resp: 11856

Ion Ratio Lower Upper

117 100

119 92.5 75.8 113.8

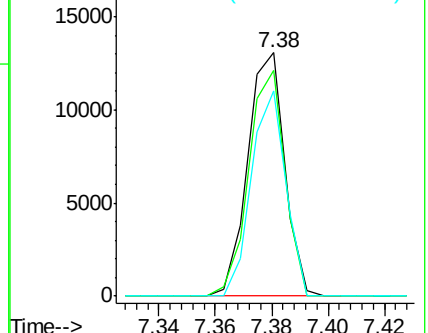
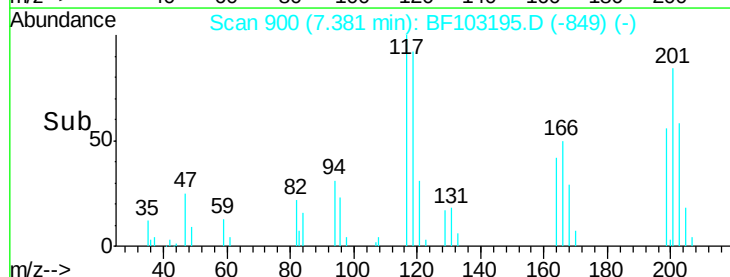
201 84.0 75.7 113.5

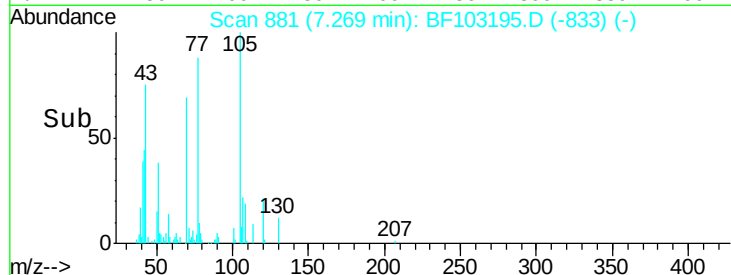
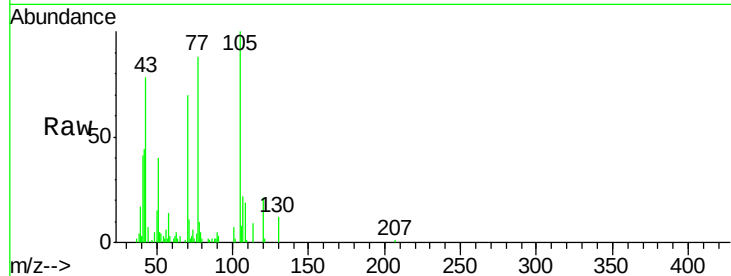
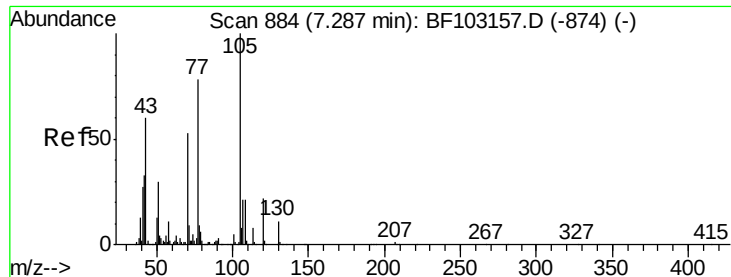


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

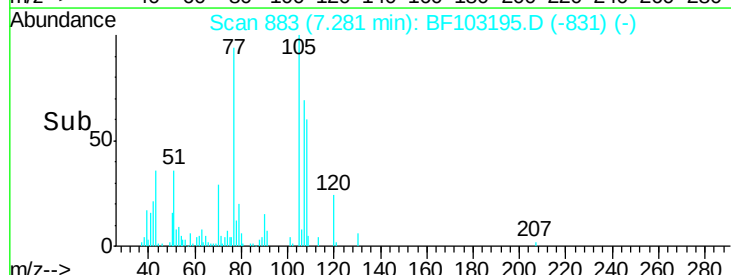
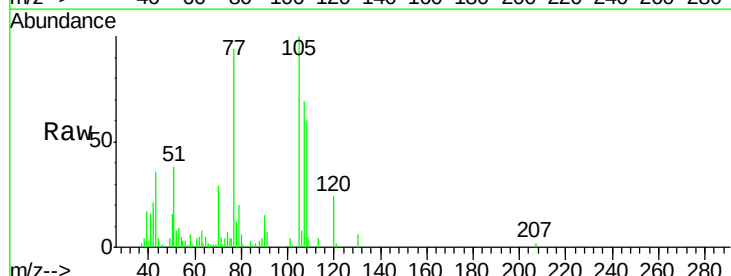
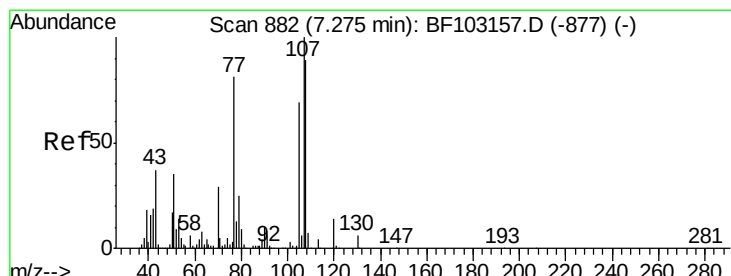
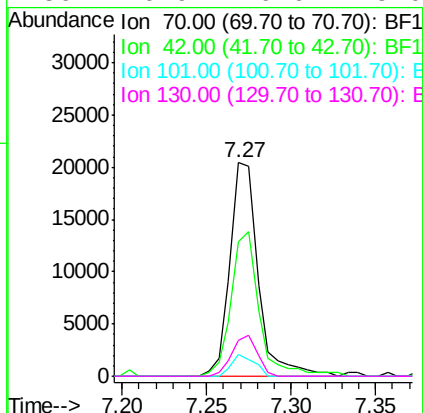




#19
n-Nitroso-di-n-propylamine
Concen: 2.593 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

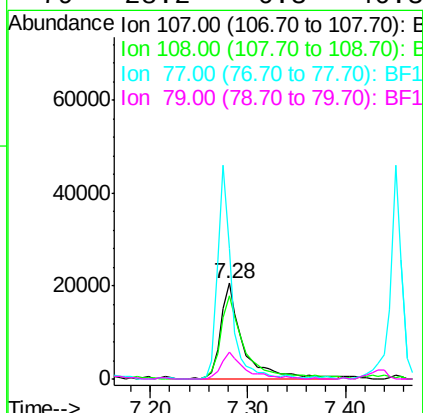
Instrument :
BNA_F
ClientSampleId :

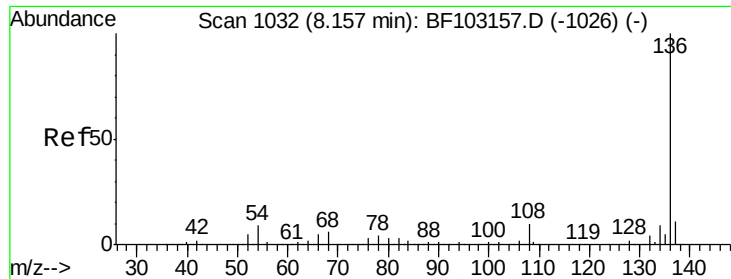
Tot Ion: 70 Resp: 23860
Ion Ratio Lower Upper
70 100
42 63.1 47.5 71.3
101 10.3 7.4 11.2
130 16.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 2.367 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:107 Resp: 32917
Ion Ratio Lower Upper
107 100
108 87.2 68.2 108.2
77 135.9 26.7 66.7#
79 28.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 807705

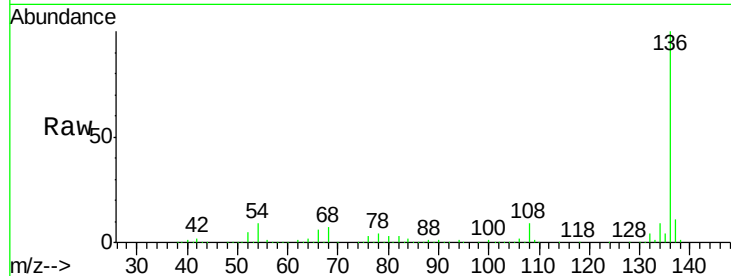
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

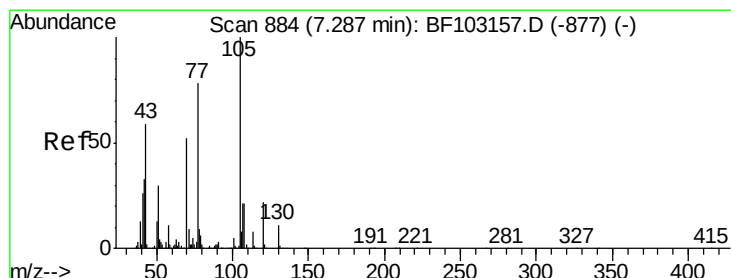
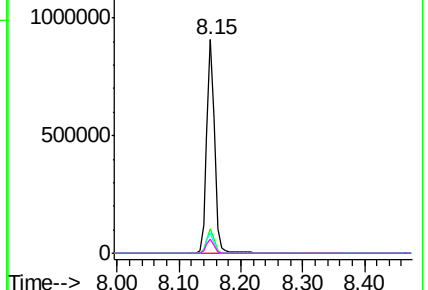
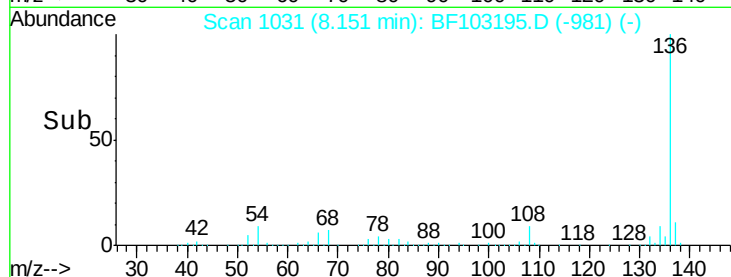


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.423 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Tgt Ion:105 Resp: 45677

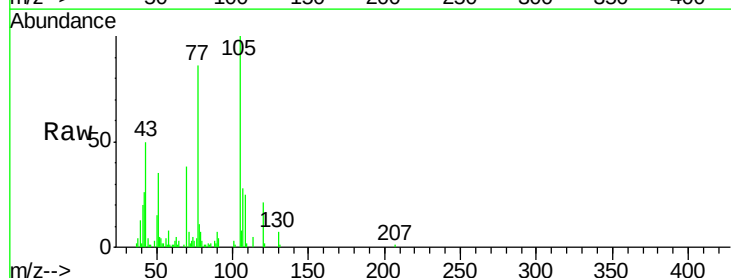
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 35.1 22.3 33.5#

120 21.4 16.9 25.3

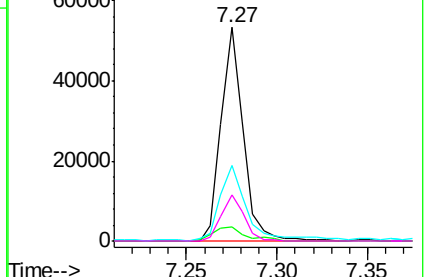
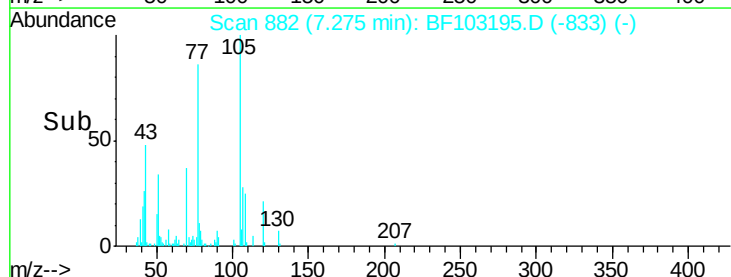


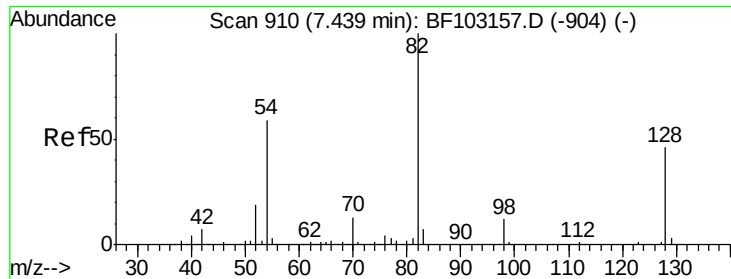
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

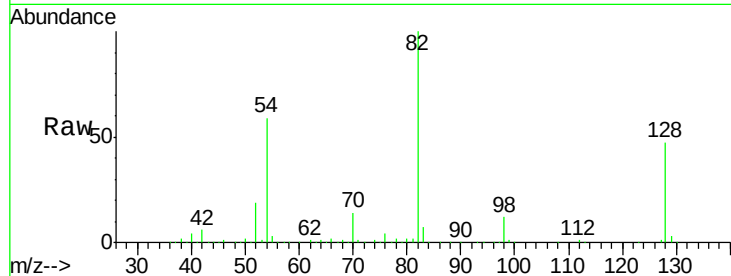




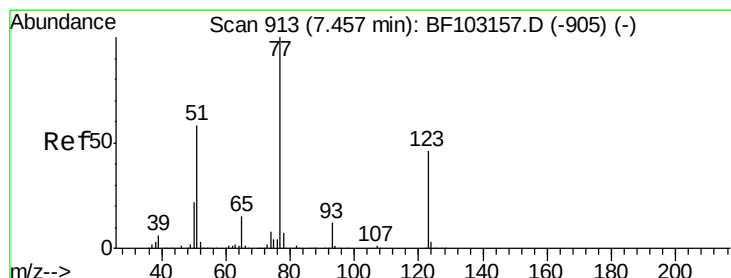
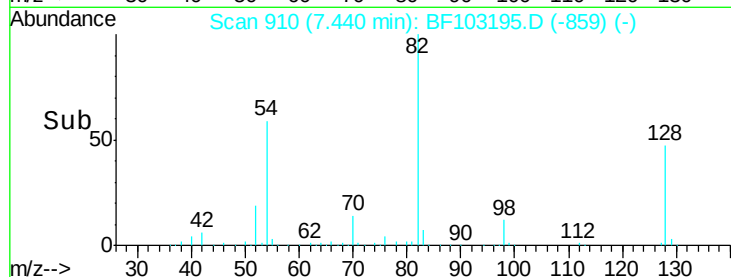
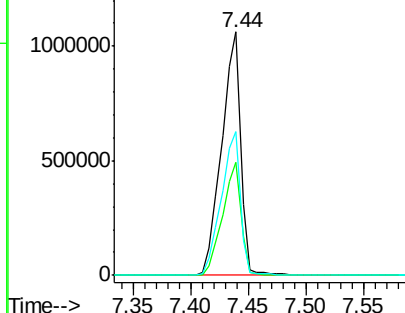
#23
 Nitrobenzene-d5
 Concen: 86.431 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1222419
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 58.8 41.4 62.2

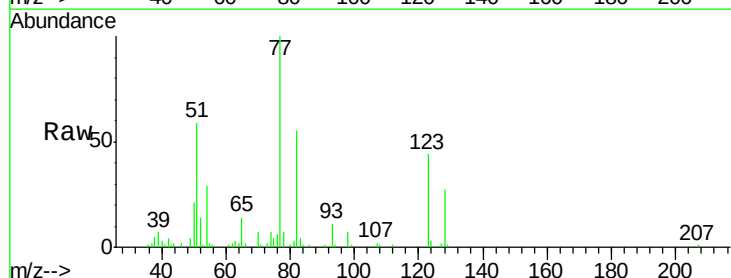


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

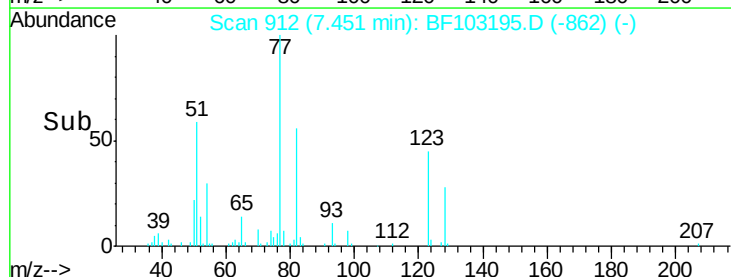
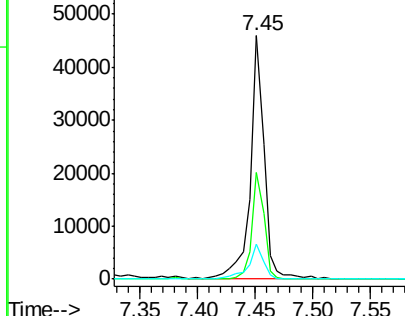


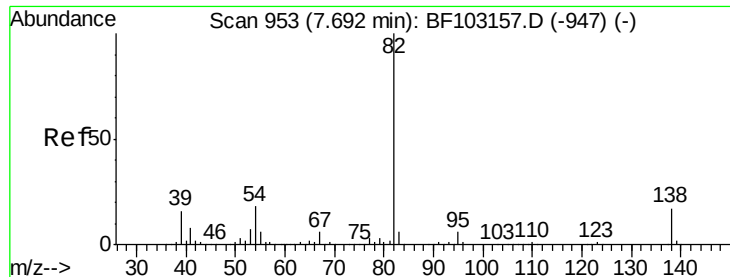
#24
 Nitrobenzene
 Concen: 2.457 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion: 77 Resp: 38254
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.9 56.9
 65 14.1 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: 2.131 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

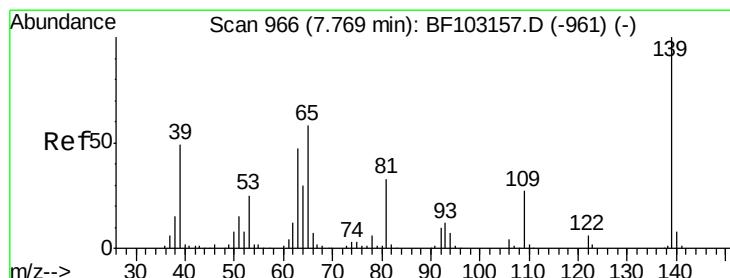
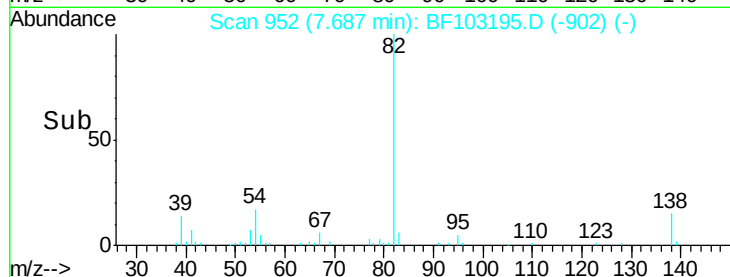
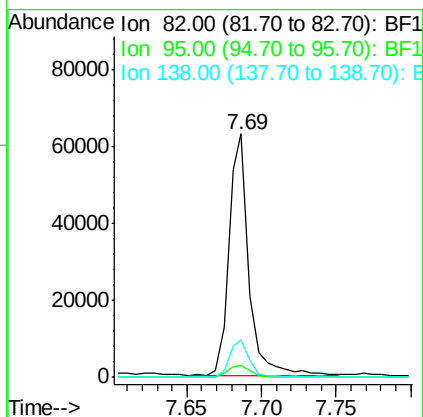
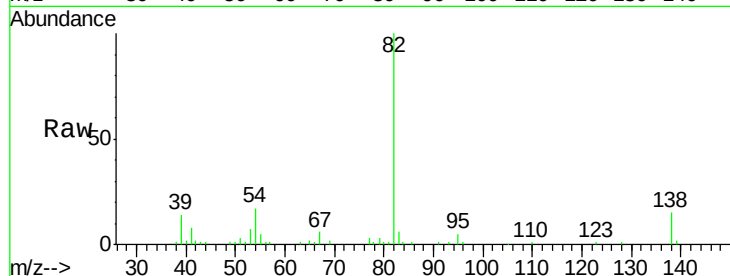
Tot Ion: 82 Resp: 59363

Ion Ratio Lower Upper

82 100

95 5.1 5.2 7.8#

138 15.5 14.9 22.3



#26

2-Nitrophenol

Concen: 1.775 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

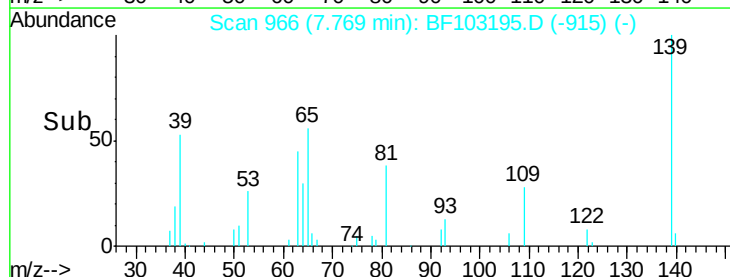
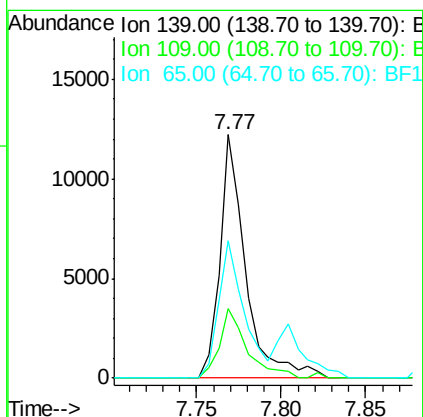
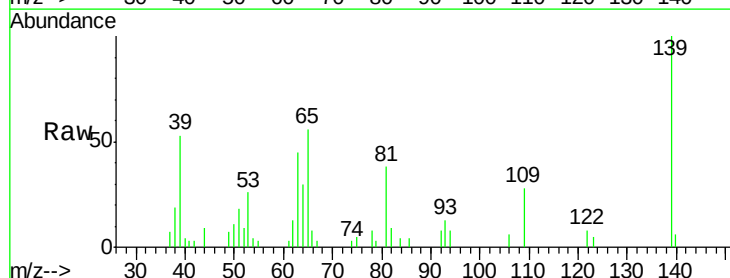
Tgt Ion: 139 Resp: 13010

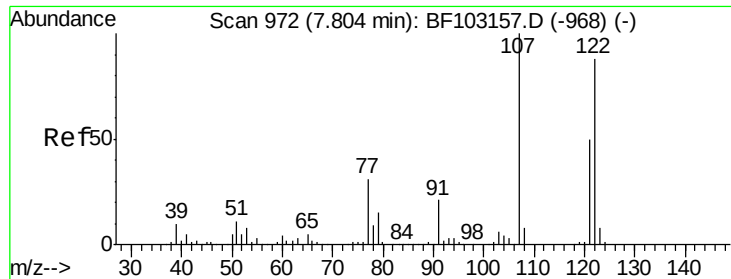
Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

65 56.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 1.924 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

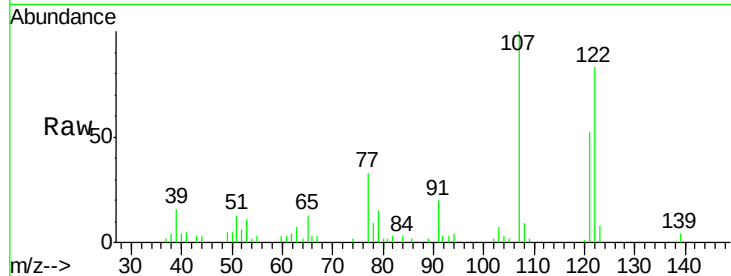
Tot Ion:122 Resp: 21562

Ion Ratio Lower Upper

122 100

107 120.8 91.2 136.8

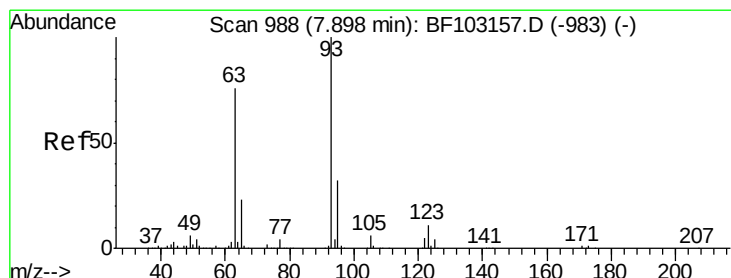
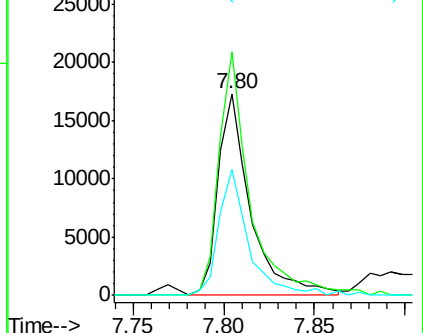
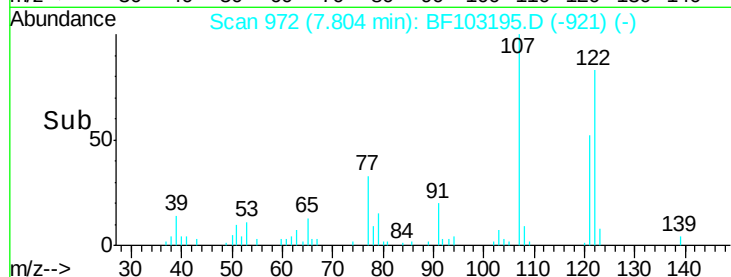
121 62.4 47.2 70.8



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: 2.140 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

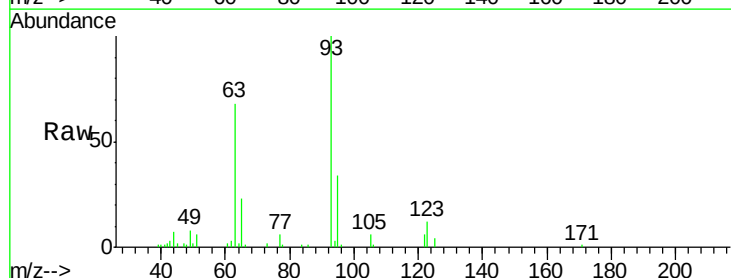
Tgt Ion: 93 Resp: 35050

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

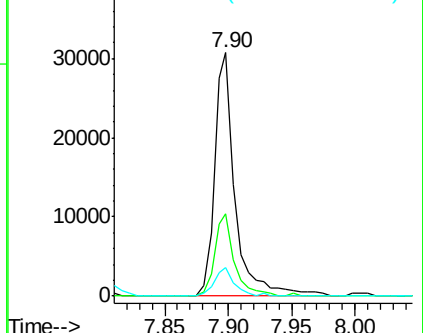
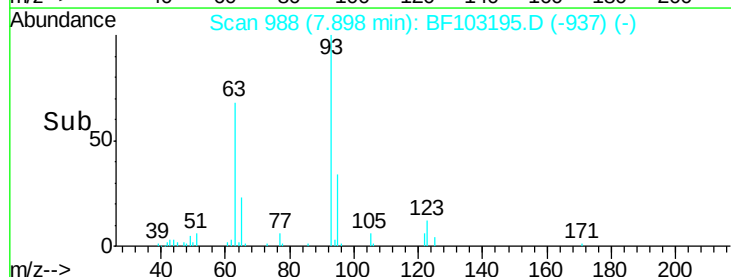
123 11.5 9.8 14.6

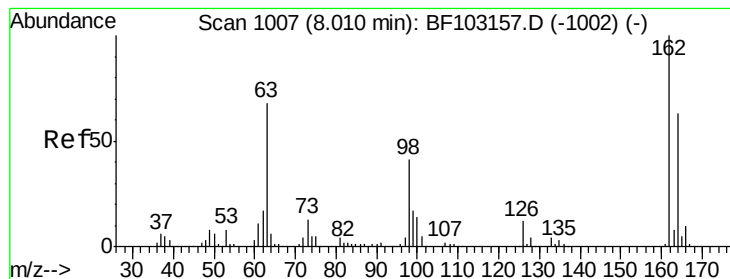


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 1.915 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

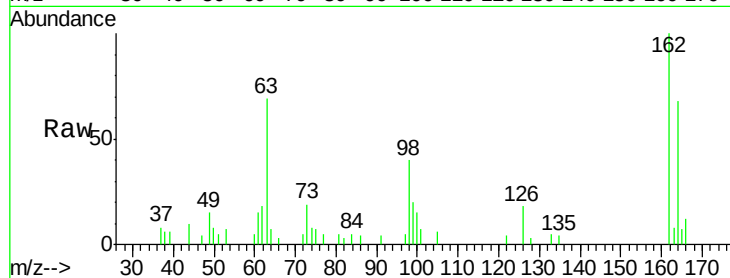
Tot Ion:162 Resp: 20549

Ion Ratio Lower Upper

162 100

164 68.5 42.7 82.7

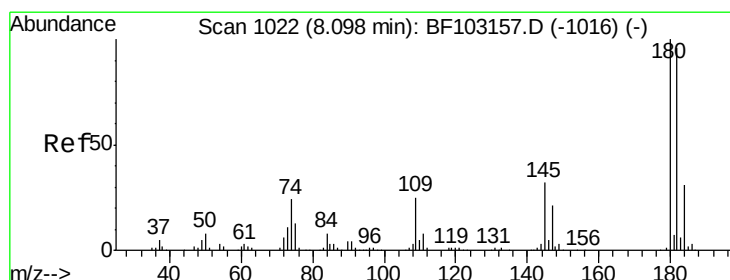
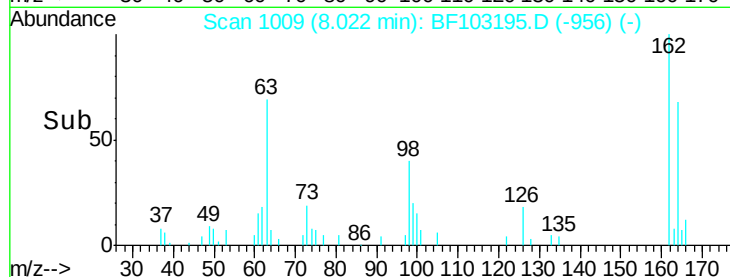
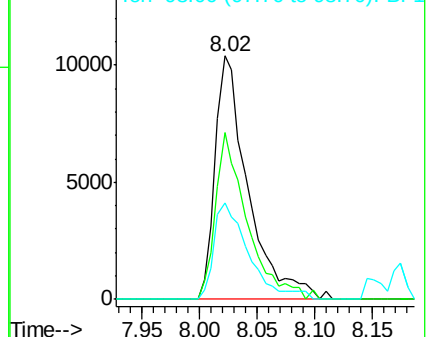
98 39.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 2.191 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

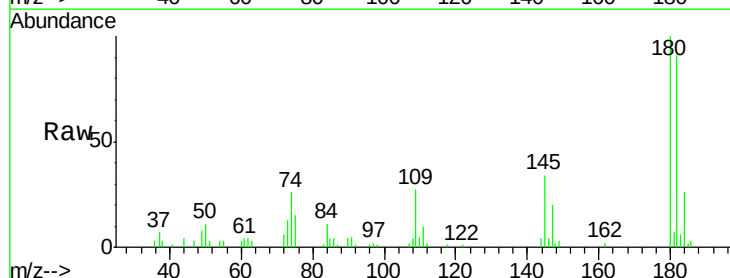
Tgt Ion:180 Resp: 25035

Ion Ratio Lower Upper

180 100

182 91.4 76.8 115.2

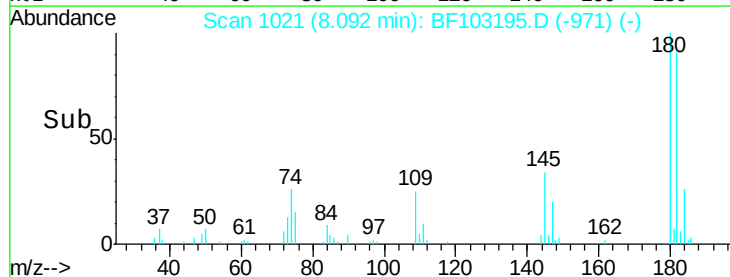
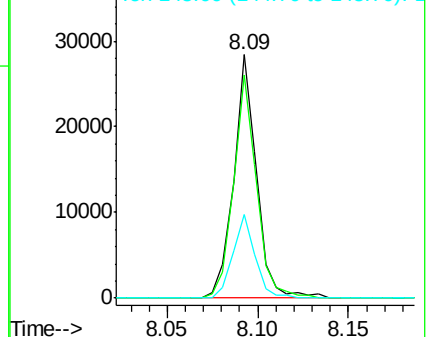
145 34.4 26.5 39.7

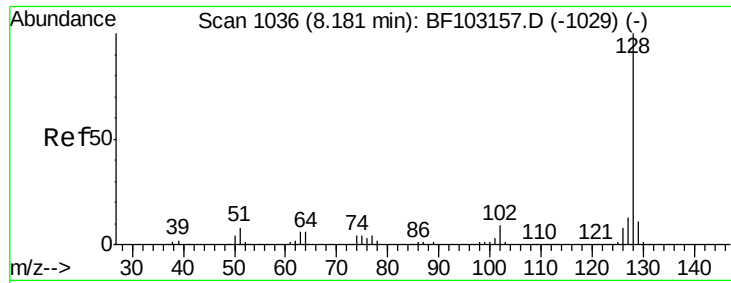


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

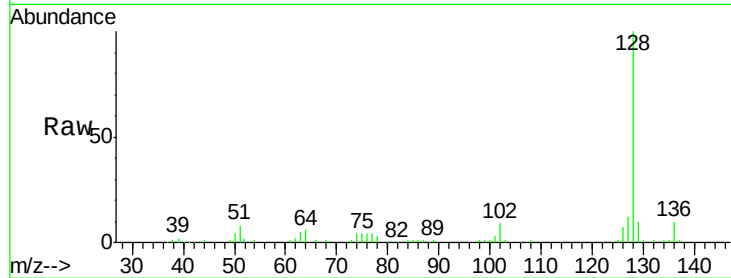




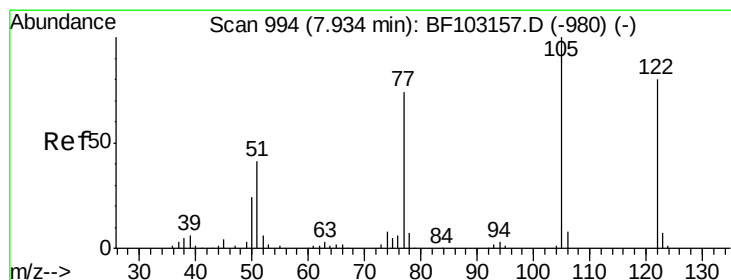
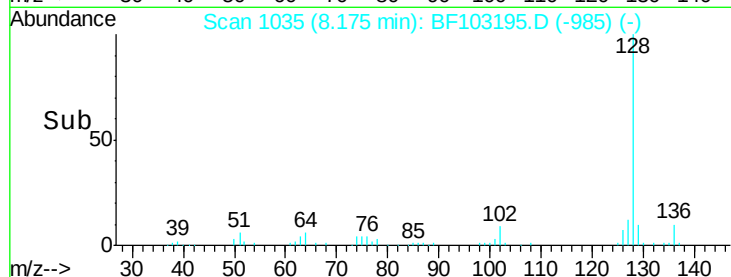
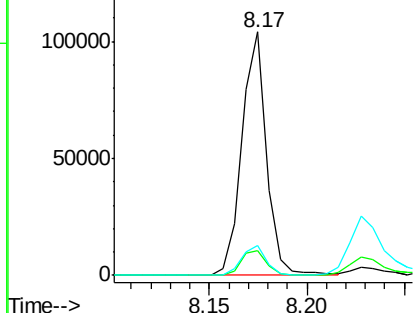
#31
Naphthalene
Concen: 2.301 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 90997
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.4 10.9 16.3

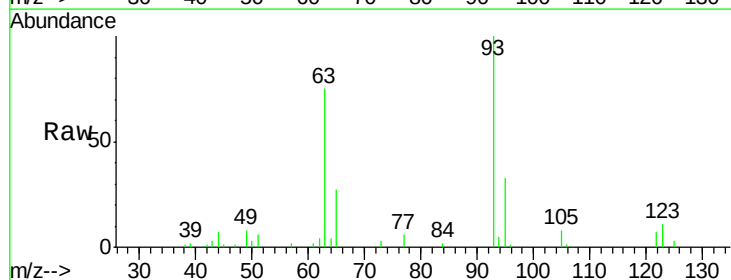


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

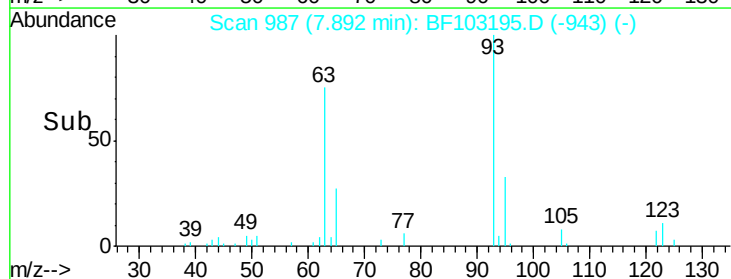
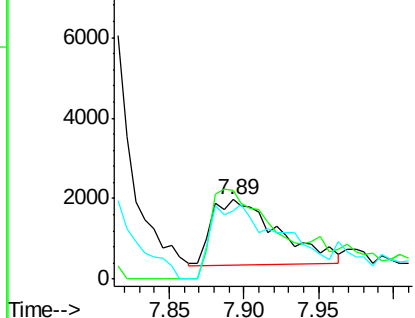


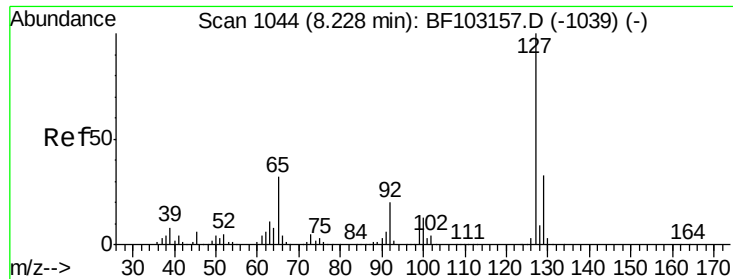
#32
Benzoic acid
Concen: 7.439 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:122 Resp: 5100
Ion Ratio Lower Upper
122 100
105 111.2 101.1 141.1
77 86.0 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

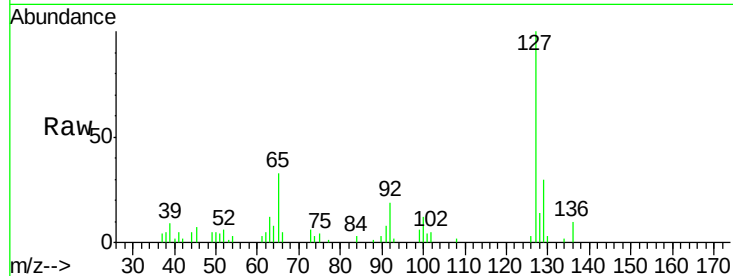




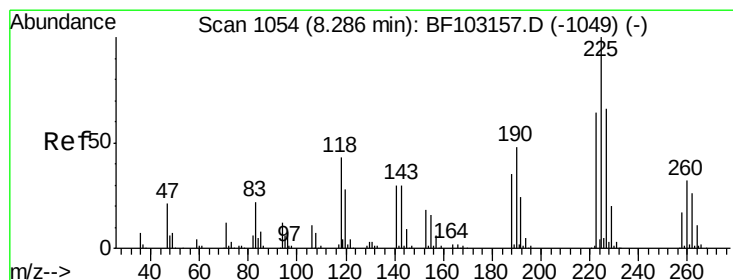
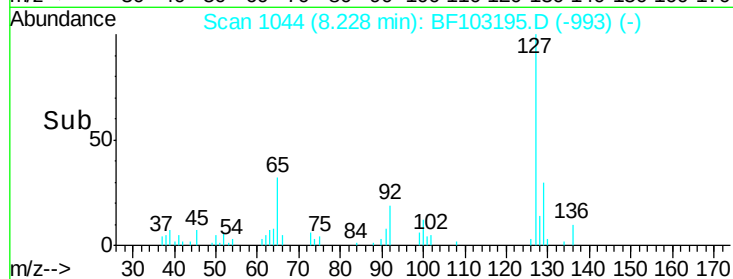
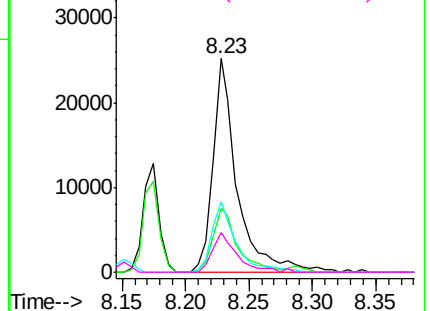
#33
4-Chloroaniline
Concen: 1.982 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	33815
Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.9	38.9
65	33.1	25.0	37.4
92	18.5	15.2	22.8

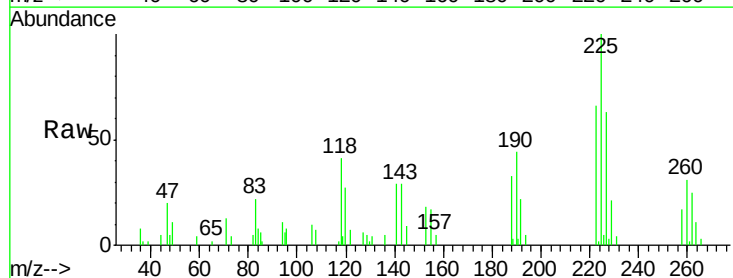


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

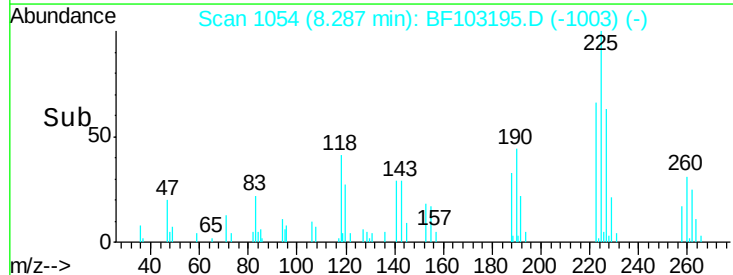
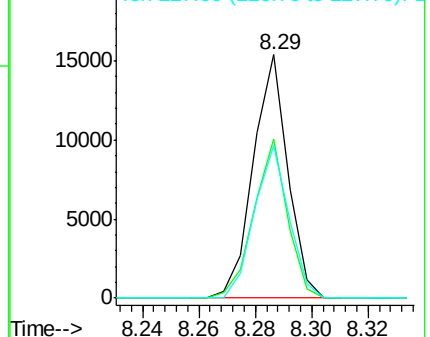


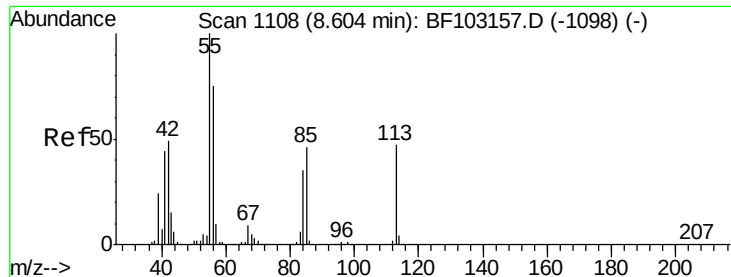
#34
Hexachlorobutadiene
Concen: 2.193 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:	225	Resp:	13047
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	59.4	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: 1.831 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.04 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

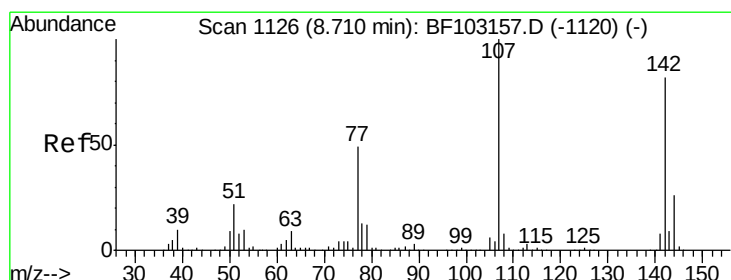
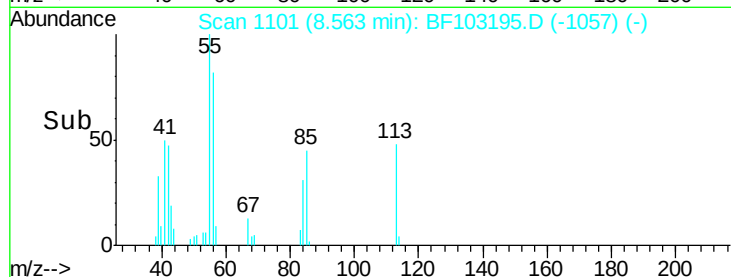
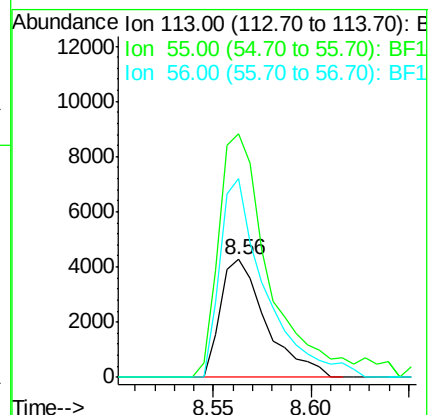
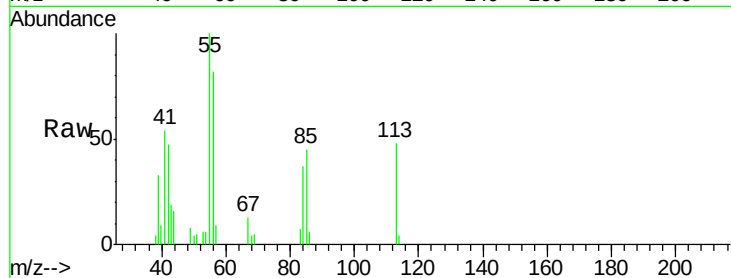
Tot Ion:113 Resp: 6903

Ion Ratio Lower Upper

113 100

55 206.4 163.3 203.3#

56 168.6 115.7 155.7#



#36

4-Chloro-3-methylphenol

Concen: 2.081 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

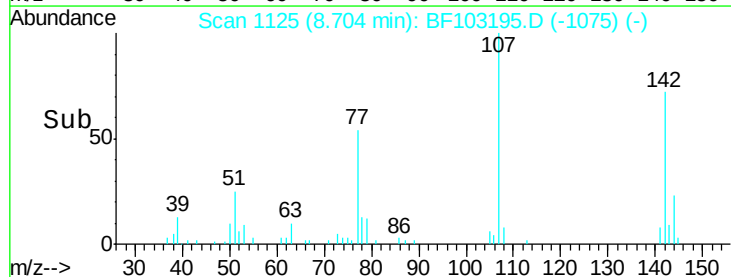
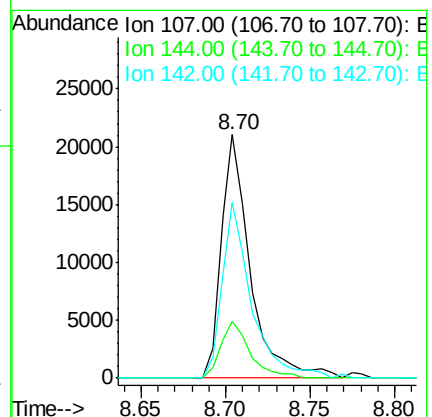
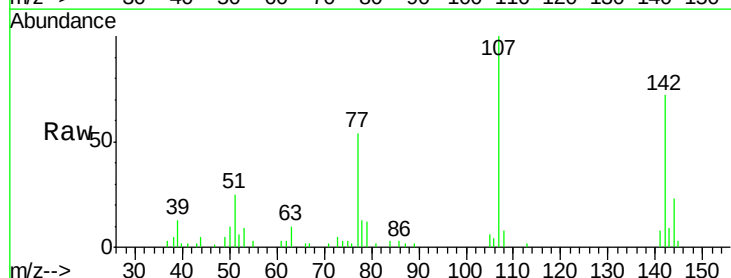
Tgt Ion:107 Resp: 25176

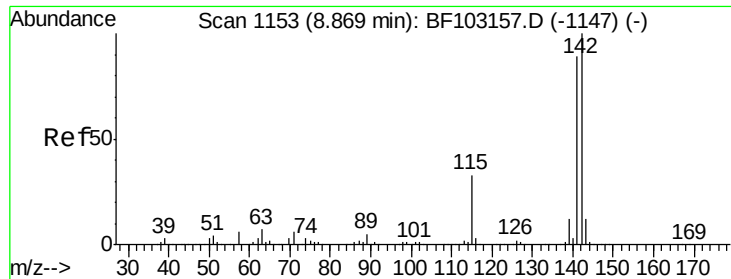
Ion Ratio Lower Upper

107 100

144 23.3 20.5 30.7

142 72.3 62.0 93.0

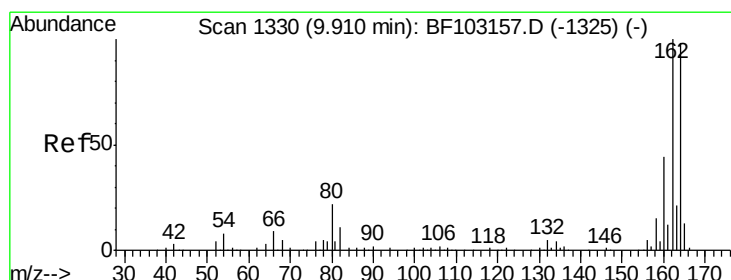
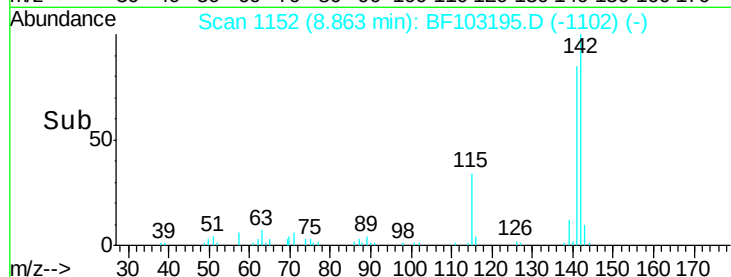
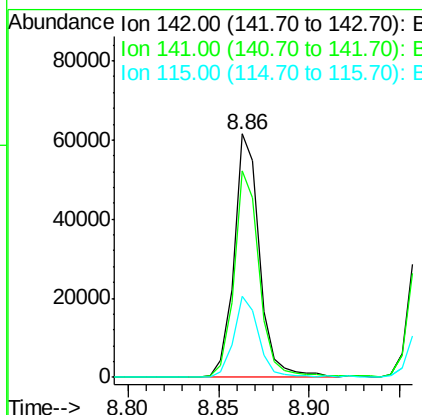
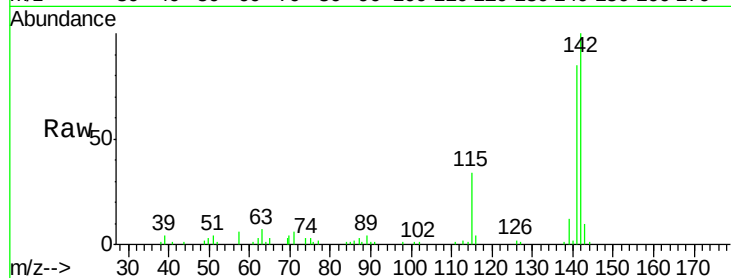




#37
2-Methylnaphthalene
Concen: 2.358 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

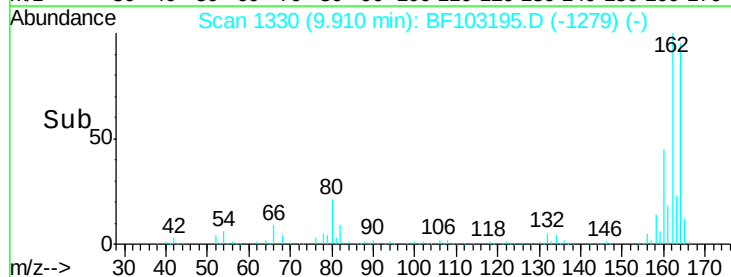
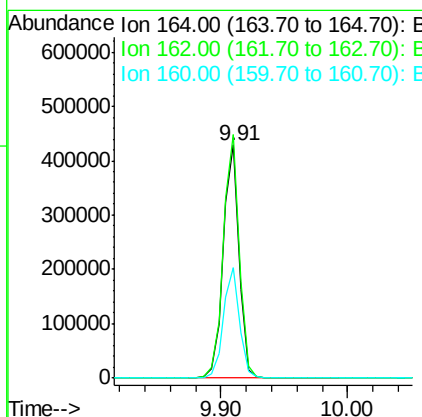
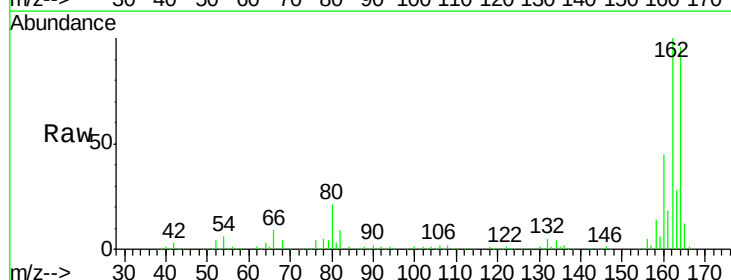
Instrument :
BNA_F
ClientSampleId :

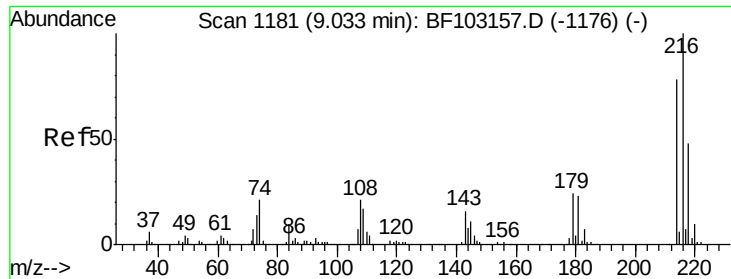
Tot Ion:142 Resp: 60251
Ion Ratio Lower Upper
142 100
141 84.8 70.8 106.2
115 33.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:164 Resp: 375316
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 47.2 38.3 57.5

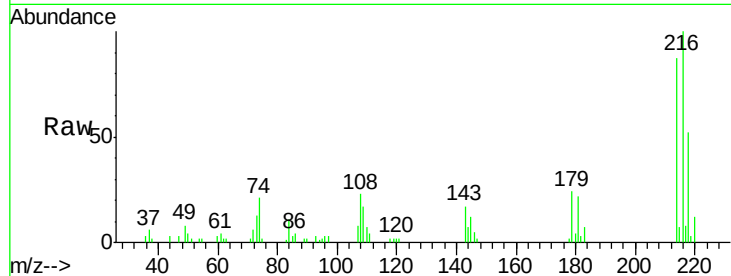




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.102 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	21571
Ion	Ratio	Lower	Upper
216	100		
214	85.0	63.0	94.4
179	24.4	18.1	27.1
108	23.2	17.2	25.8

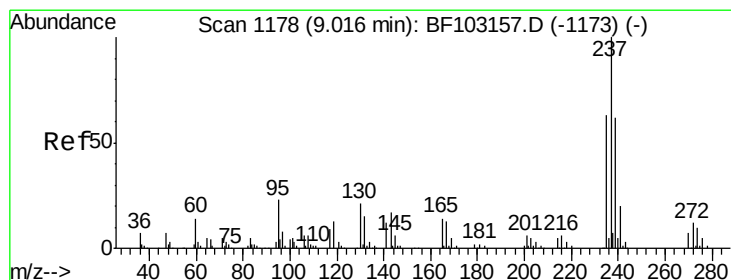
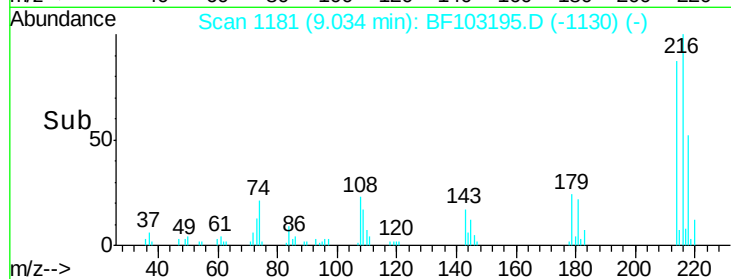
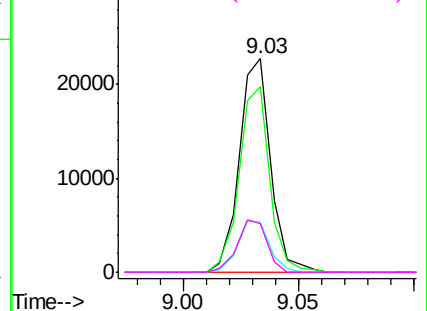


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

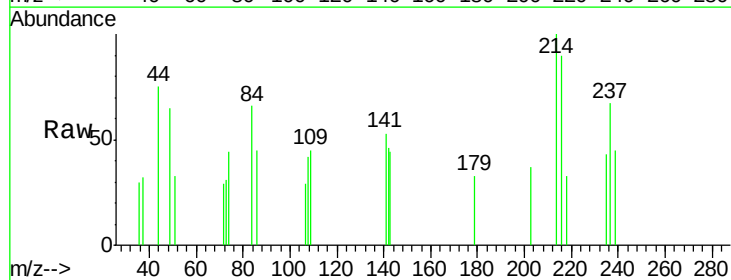
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 8.995 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

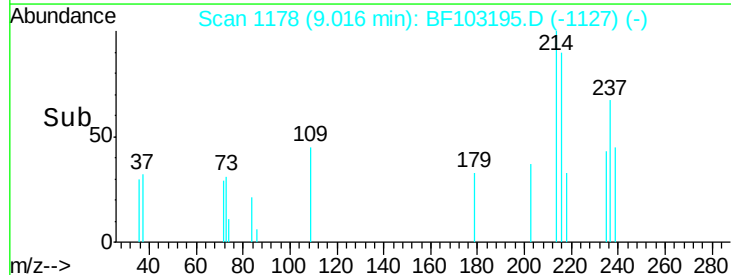
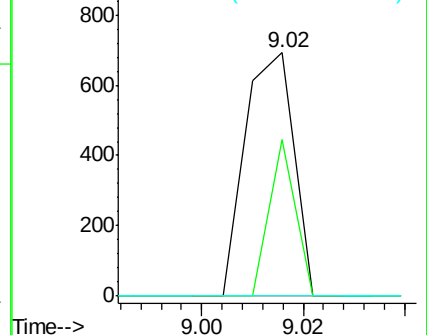
Tgt Ion:	237	Resp:	460
Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	0.0	0.0	33.3

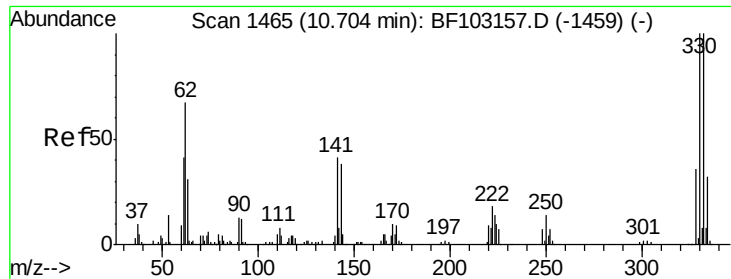


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

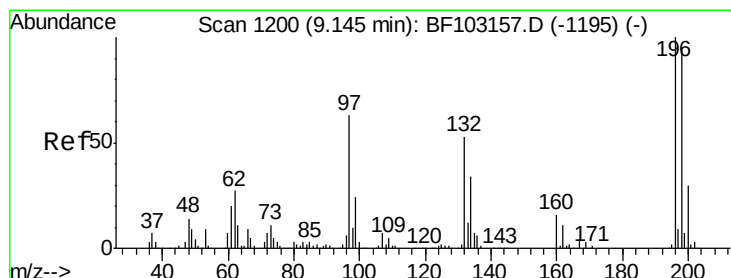
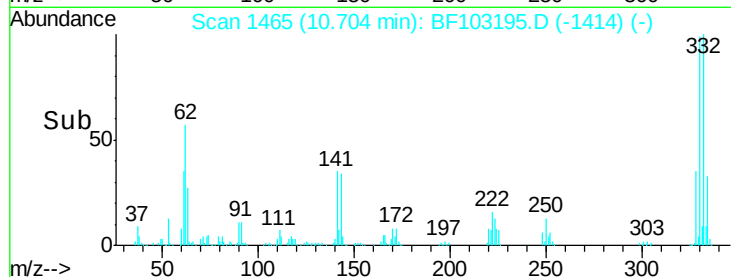
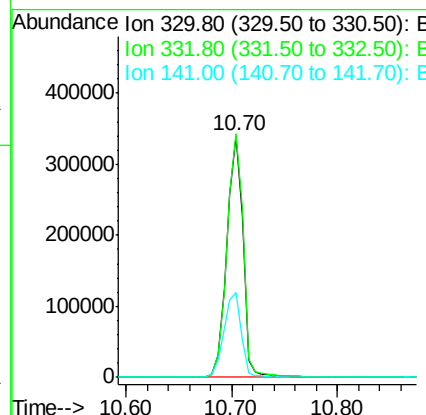
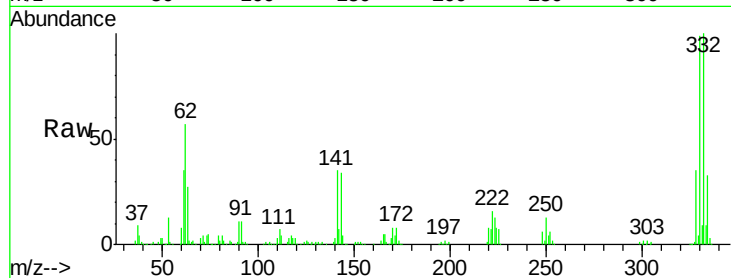




#41
 2,4,6-Tribromophenol
 Concen: 115.857 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

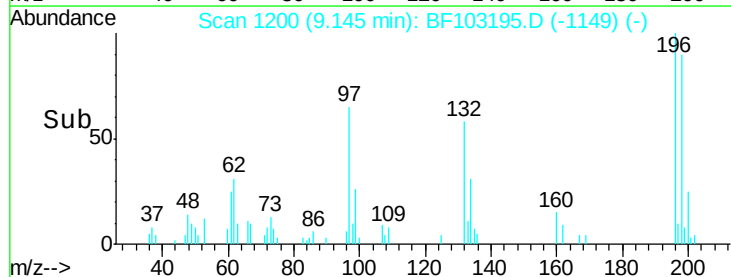
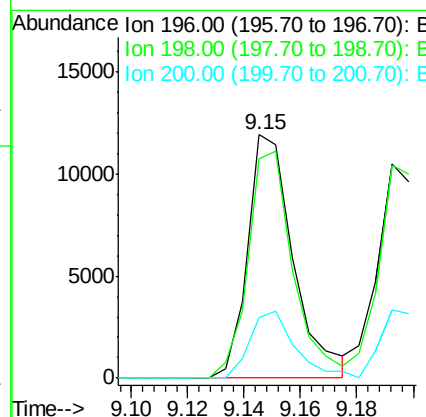
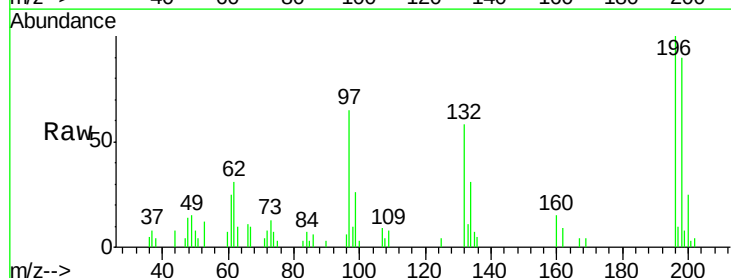
Instrument :
 BNA_F
 ClientSampleId :

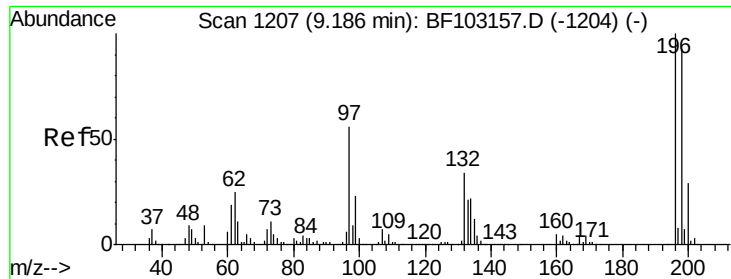
Tot Ion:330 Resp: 368061
 Ion Ratio Lower Upper
 330 100
 332 101.3 77.0 115.6
 141 38.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 1.953 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:196 Resp: 13486
 Ion Ratio Lower Upper
 196 100
 198 90.1 75.7 113.5
 200 24.7 24.5 36.7

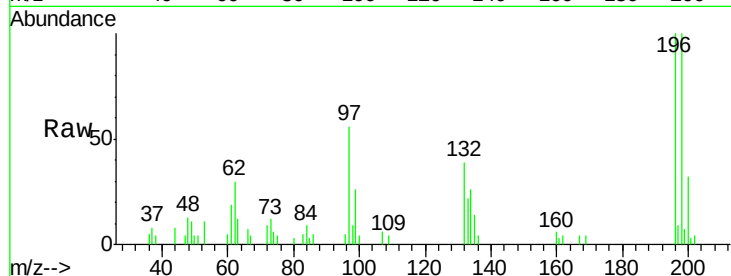




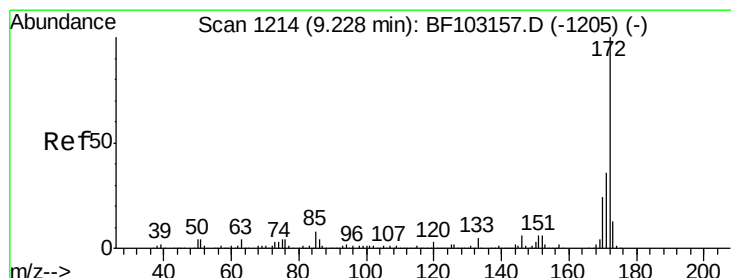
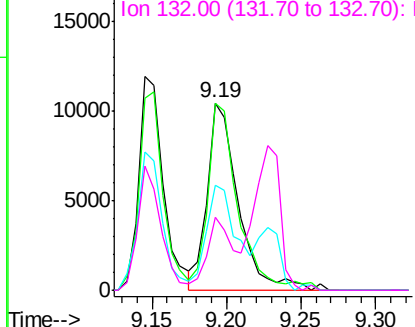
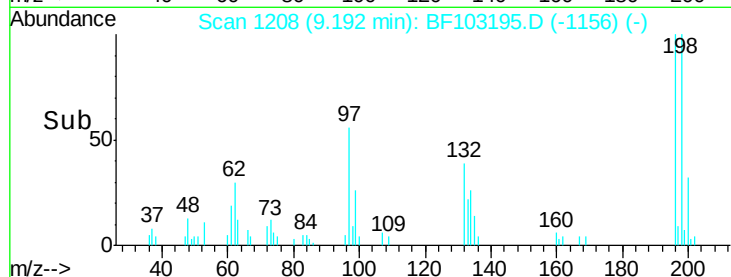
#43
 2,4,5-Trichlorophenol
 Concen: 1.918 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 15229
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.6 112.0
 97 56.0 42.9 64.3
 132 38.9 26.3 39.5

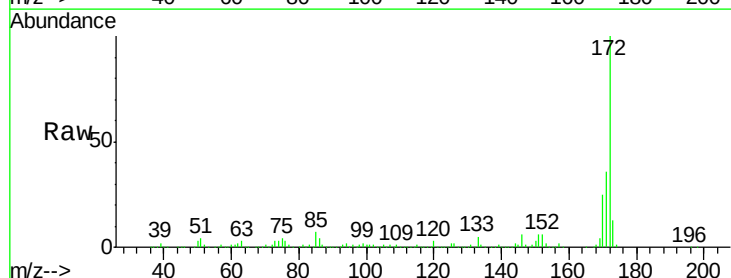


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

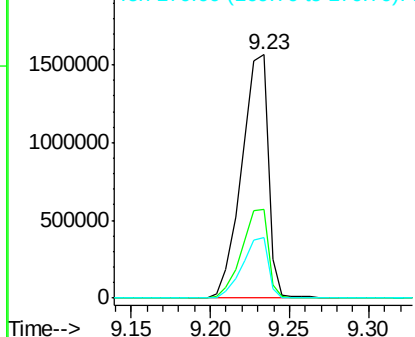
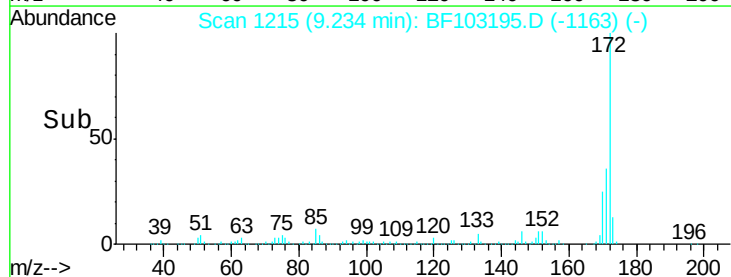


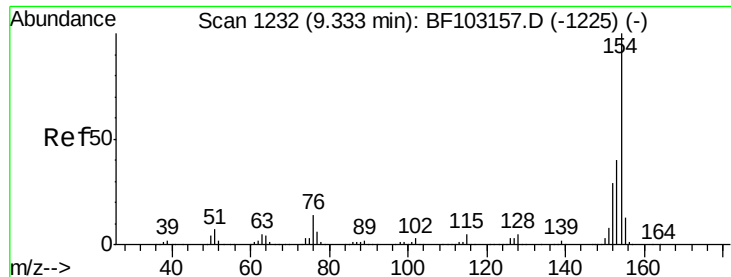
#44
 2-Fluorobiphenyl
 Concen: 83.428 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:172 Resp: 1825930
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

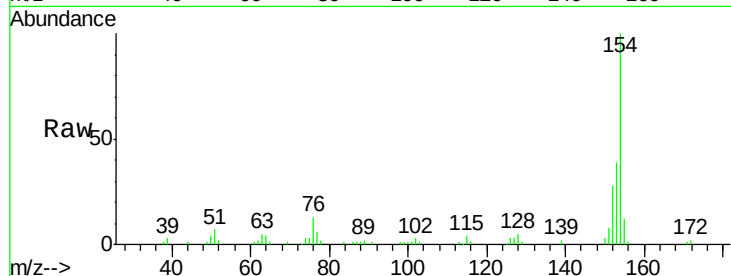




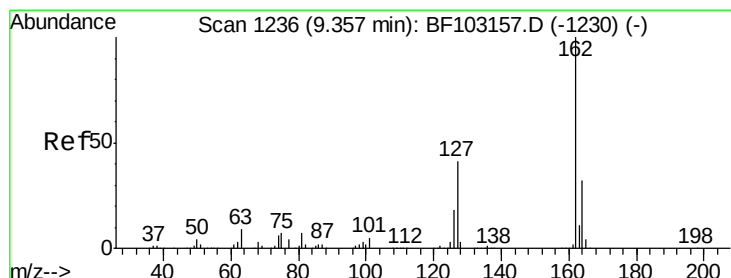
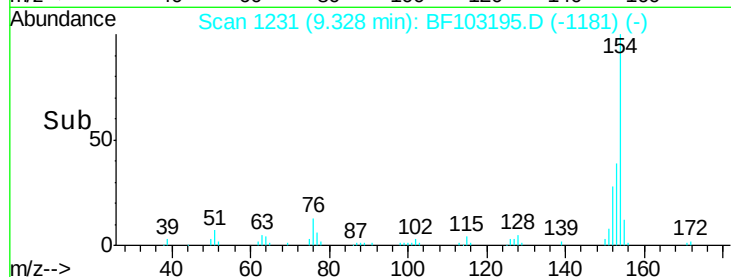
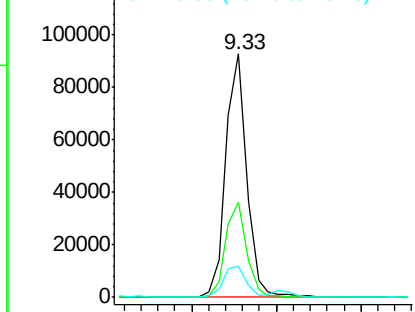
#45
 1,1'-Biphenyl
 Concen: 2.551 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154	Resp:	80241
Ion Ratio	Lower	Upper
154	100	
153	39.0	21.3 61.3
76	12.7	0.0 34.0

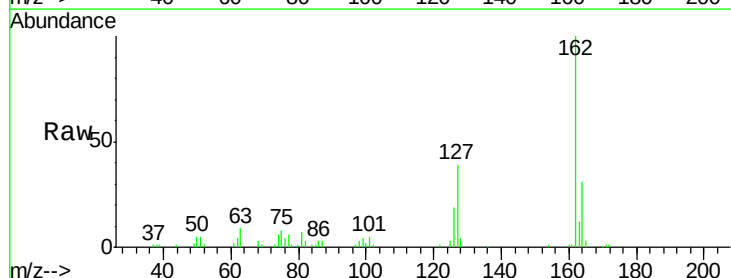


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

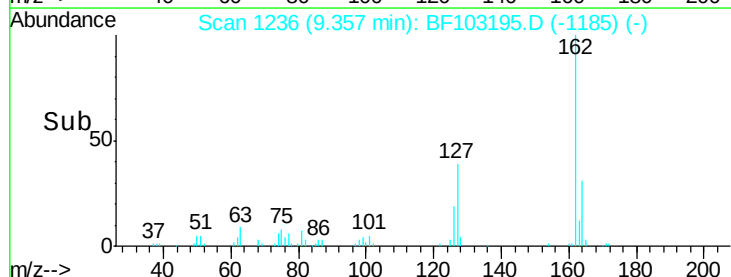
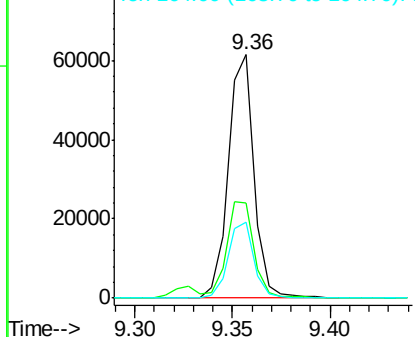


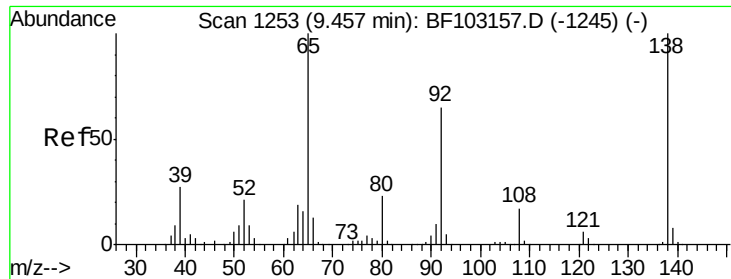
#46
 2-Chloronaphthalene
 Concen: 2.255 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:162	Resp:	56118
Ion Ratio	Lower	Upper
162	100	
127	39.1	33.9 50.9
164	31.4	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

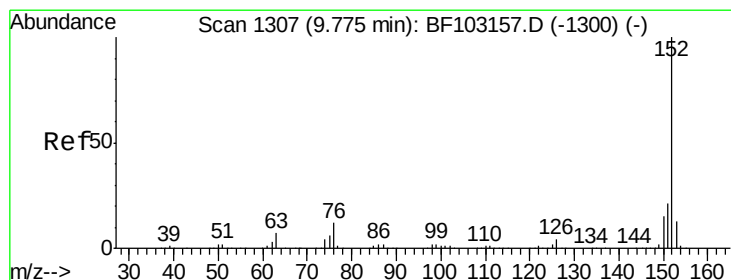
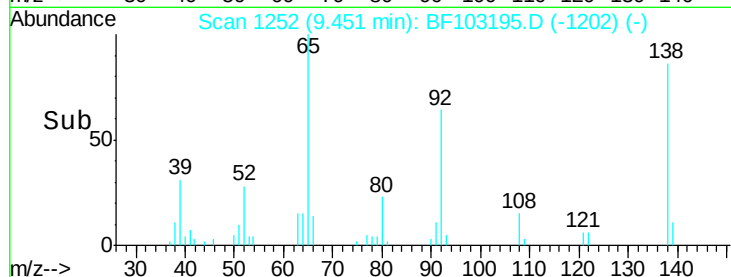
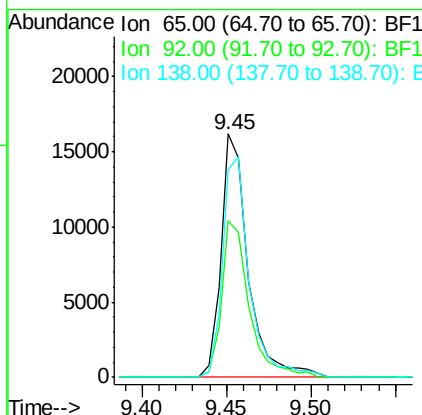
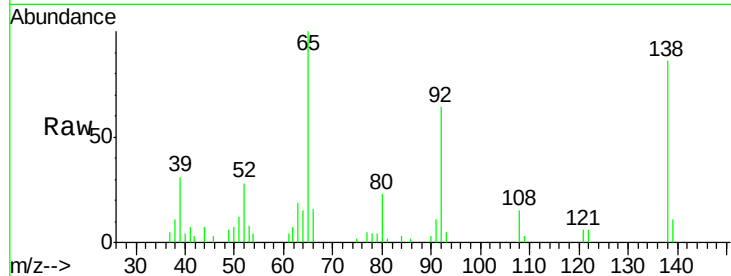




#47
2-Nitroaniline
Concen: 1.958 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

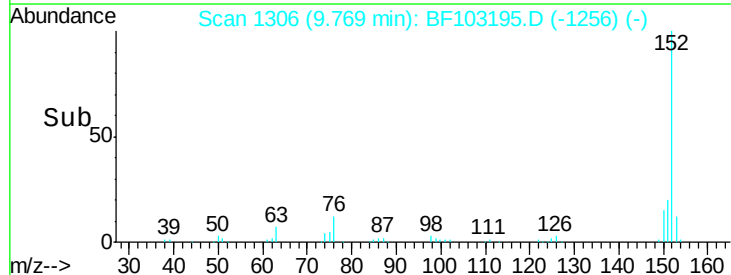
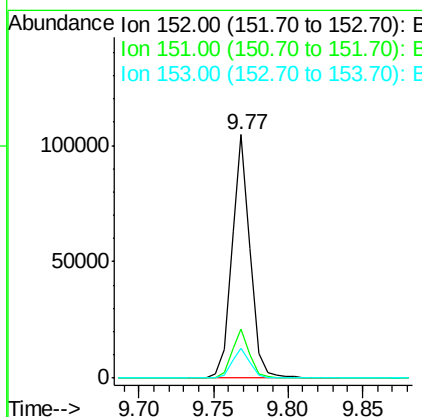
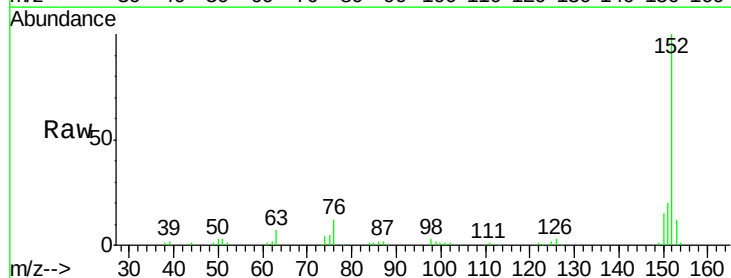
Instrument :
BNA_F
ClientSampleId :

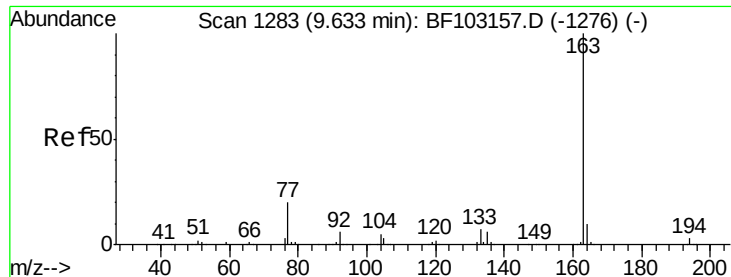
Tot Ion: 65 Resp: 18046
Ion Ratio Lower Upper
65 100
92 64.3 55.8 83.6
138 85.6 91.2 136.8#



#48
Acenaphthylene
Concen: 2.338 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion: 152 Resp: 89511
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 12.3 10.7 16.1

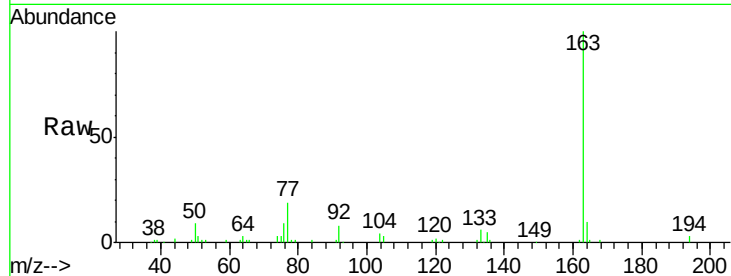




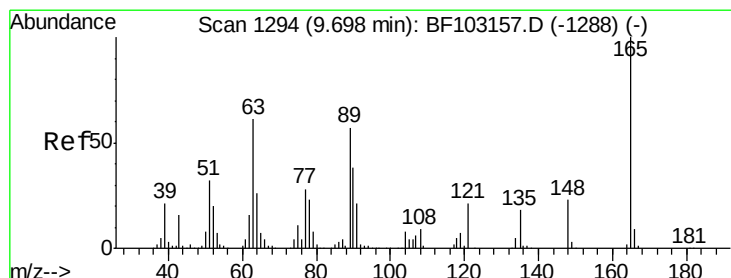
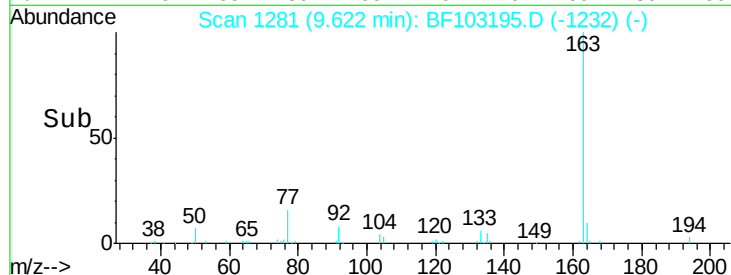
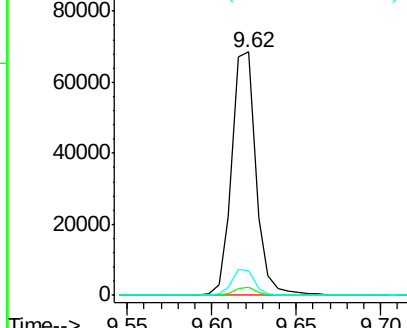
#49
Dimethylphthalate
Concen: 2.265 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 68191
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

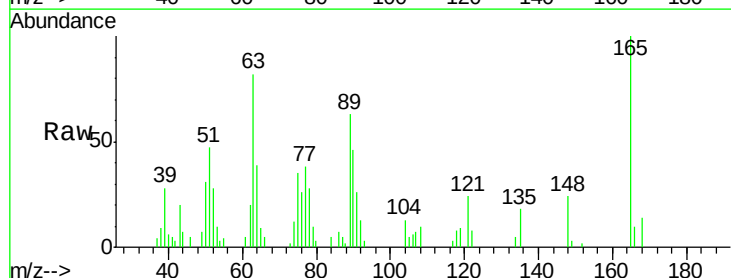


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

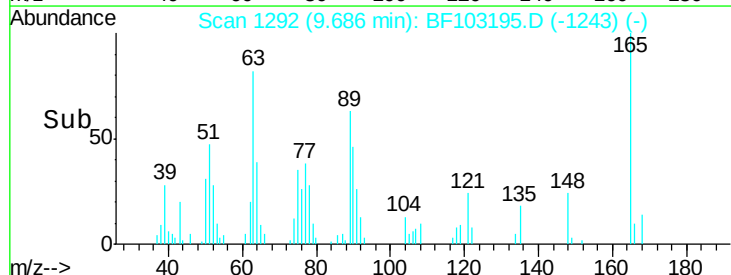
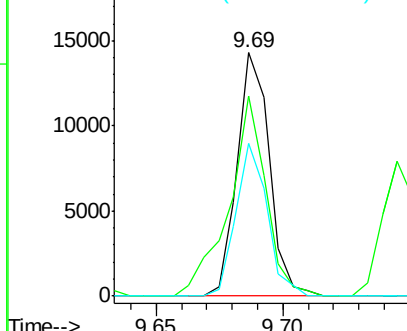


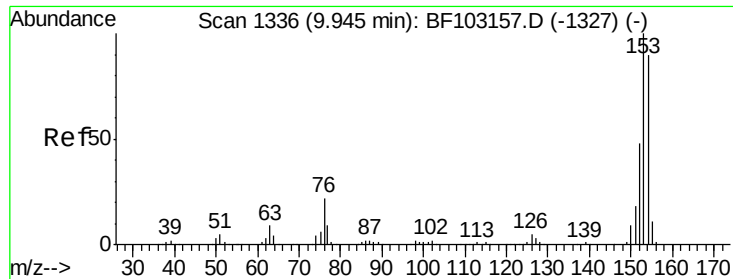
#50
2,6-Dinitrotoluene
Concen: 1.999 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:165 Resp: 12632
Ion Ratio Lower Upper
165 100
63 82.2 44.7 67.1#
89 62.6 44.0 66.0



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





#51

Acenaphthene

Concen: 2.420 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

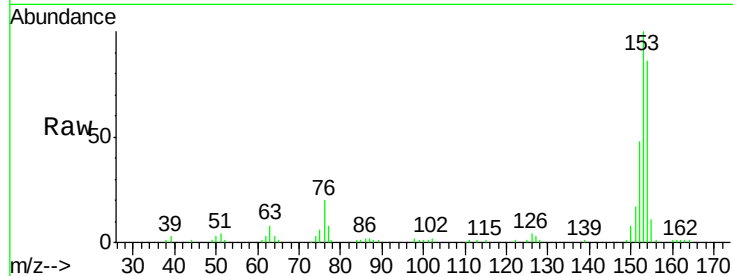
Tot Ion:154 Resp: 54020

Ion Ratio Lower Upper

154 100

153 116.5 91.2 136.8

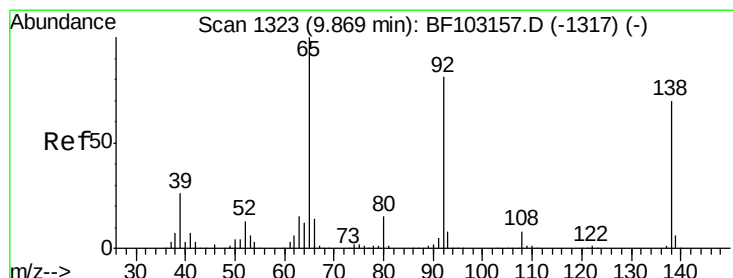
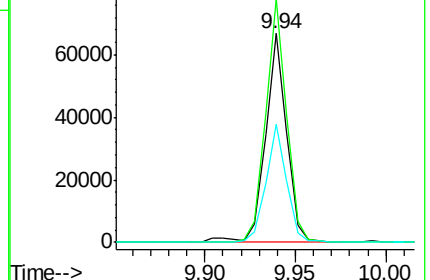
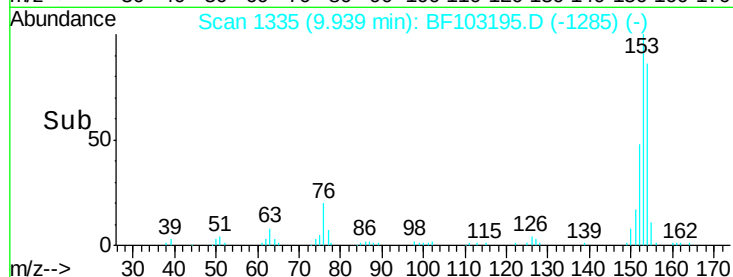
152 56.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.892 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

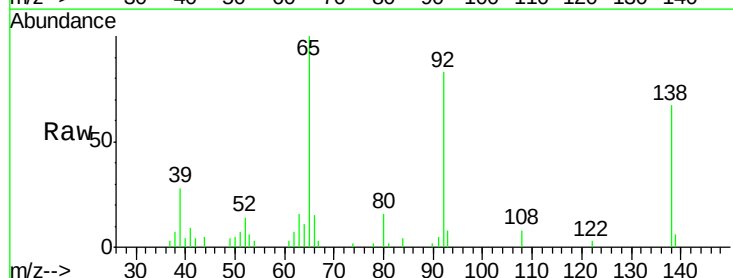
Tgt Ion:138 Resp: 15167

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.0

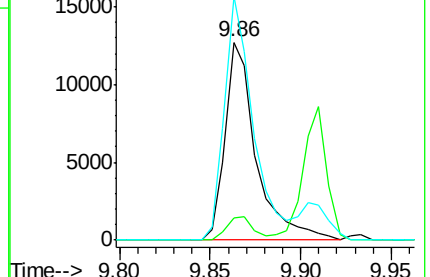
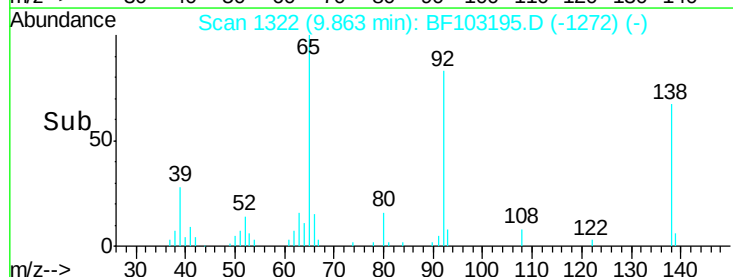
92 123.2 89.4 134.2

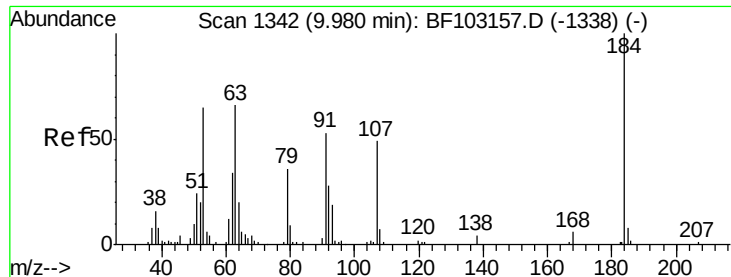


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

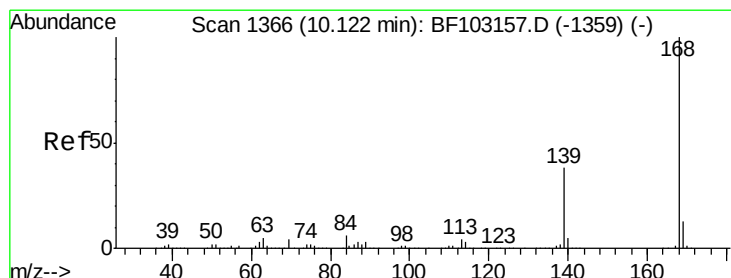
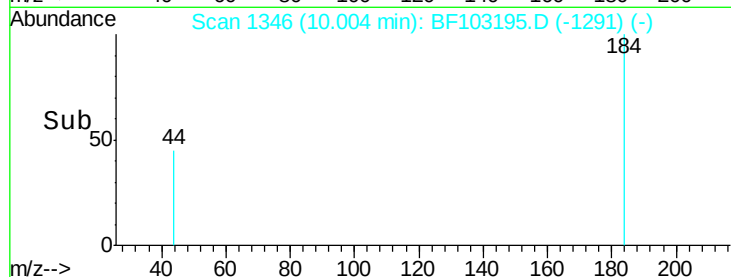
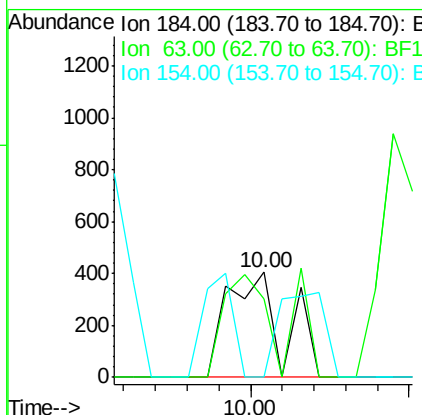
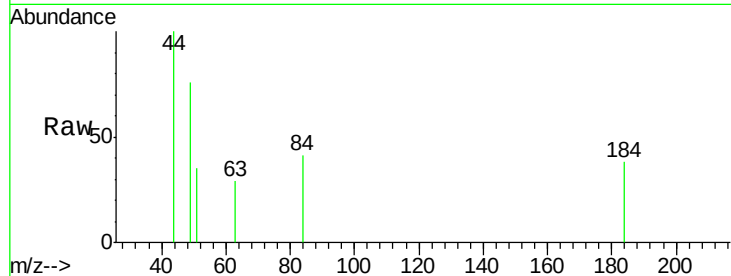




#53
2,4-Dinitrophenol
Concen: 9.813 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

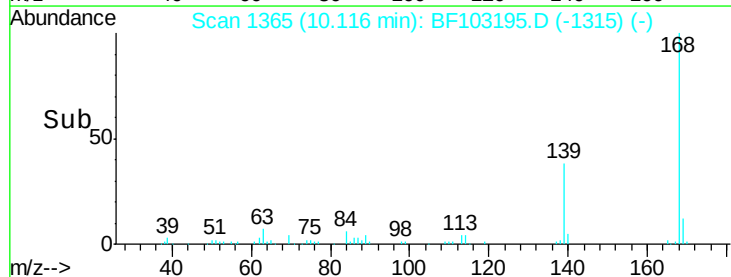
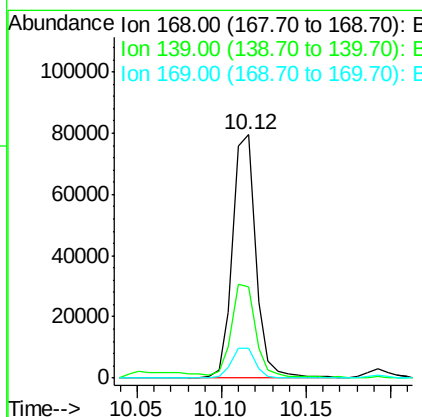
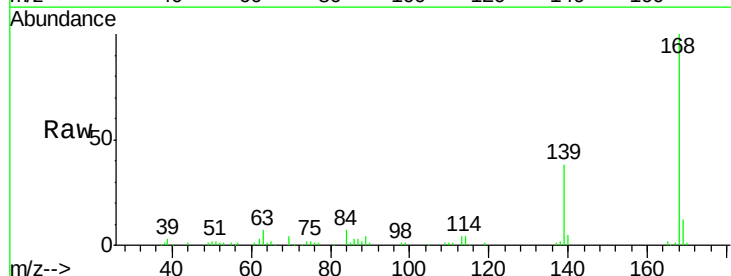
Instrument :
BNA_F
ClientSampled :

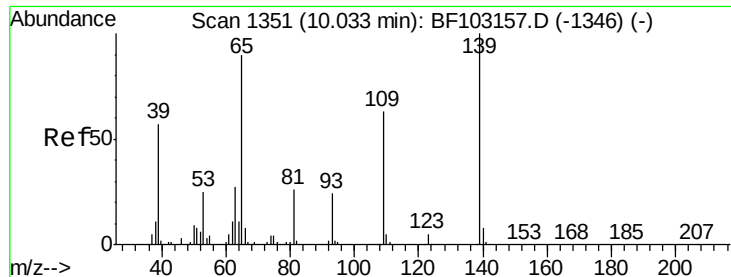
Tot Ion:184 Resp: 497
Ion Ratio Lower Upper
184 100
63 74.5 54.2 81.2
154 0.0 184.0 276.0#



#54
Dibenzofuran
Concen: 2.494 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:168 Resp: 76409
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 12.3 10.9 16.3

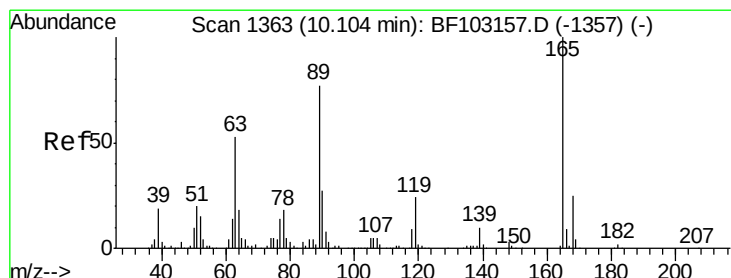
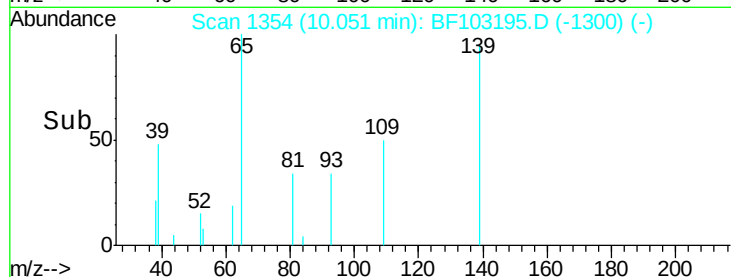
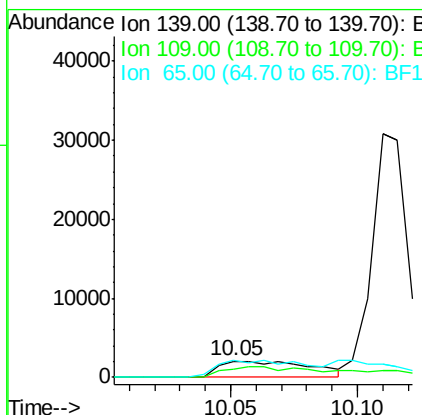
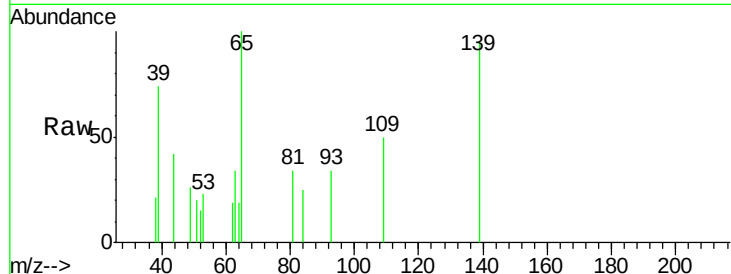




#55
4-Nitrophenol
Concen: 1.025 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

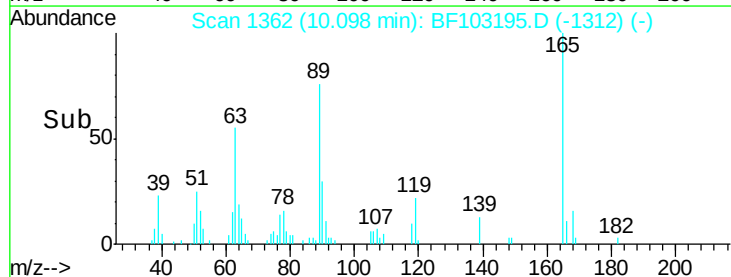
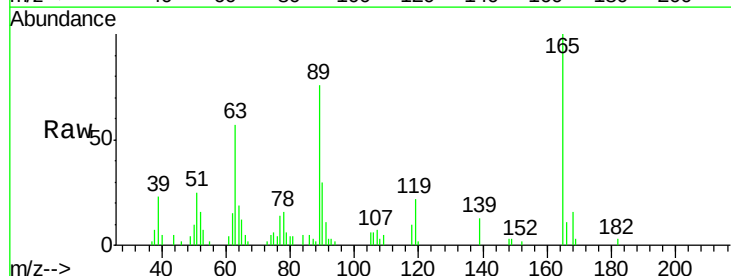
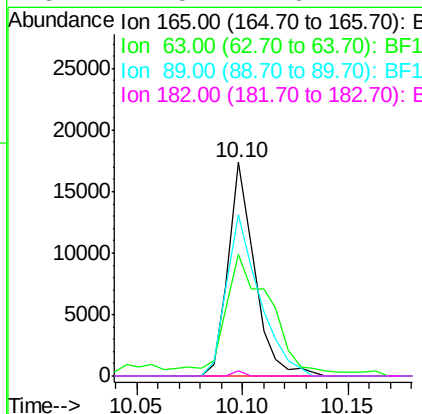
Instrument :
BNA_F
ClientSampled :

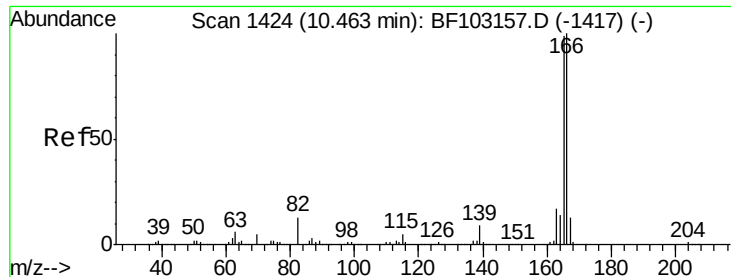
Tot Ion:139 Resp: 5090
Ion Ratio Lower Upper
139 100
109 52.8 48.4 88.4
65 105.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 1.883 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:165 Resp: 15044
Ion Ratio Lower Upper
165 100
63 57.2 36.4 54.6#
89 75.8 57.8 86.6
182 2.5 1.6 2.4#

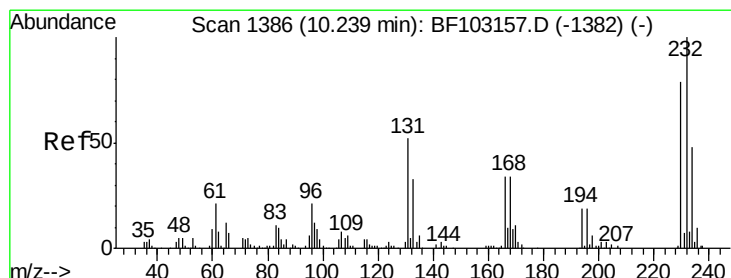
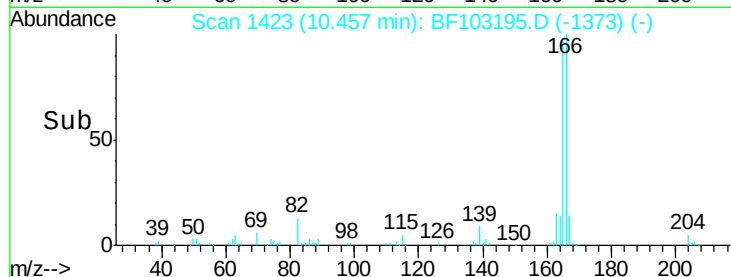
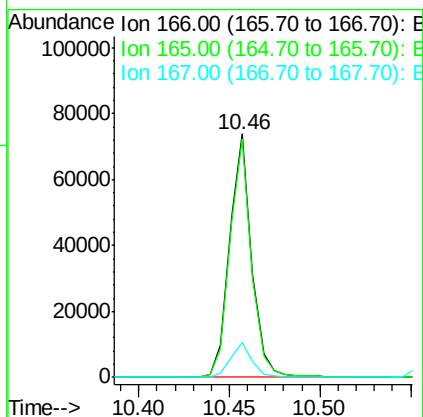
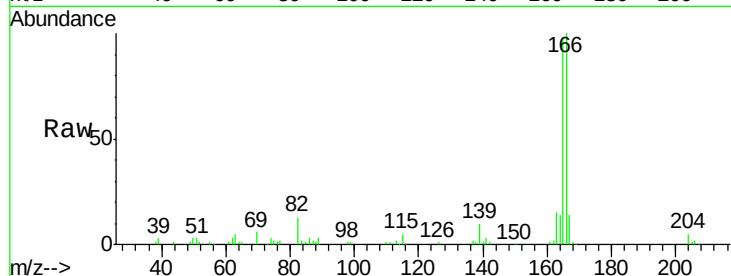




#57
Fluorene
Concen: 2.384 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

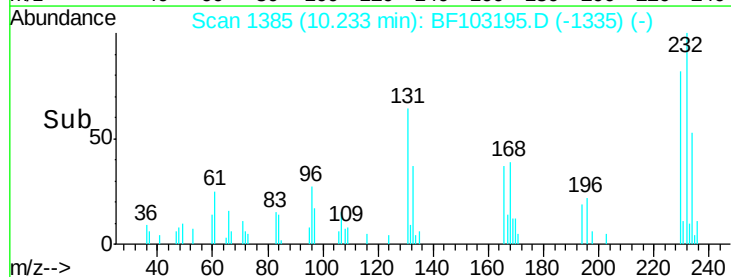
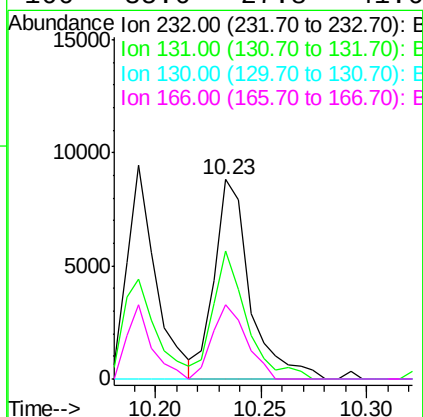
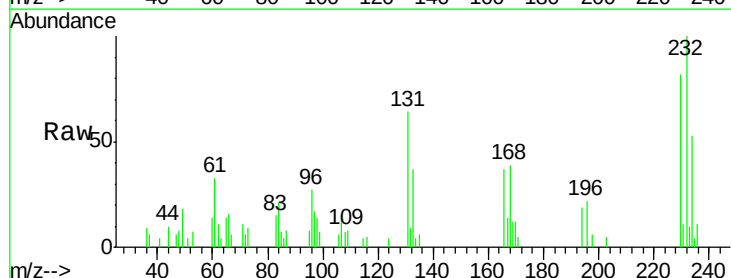
Instrument :
BNA_F
ClientSampleId :

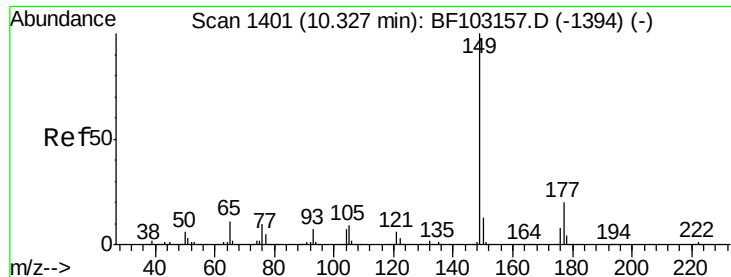
Tot Ion:166 Resp: 62226
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.8
167 14.5 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.946 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:232 Resp: 10380
Ion Ratio Lower Upper
232 100
131 60.8 43.8 65.8
130 0.0 2.1 3.1#
166 35.6 27.8 41.6

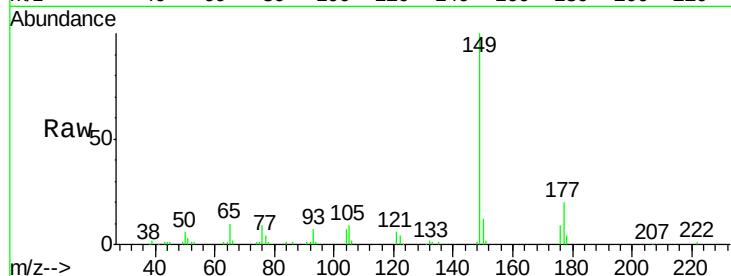




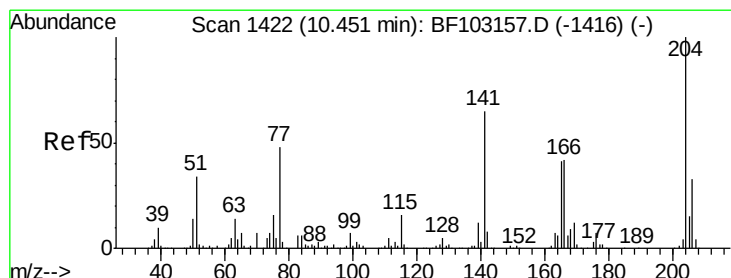
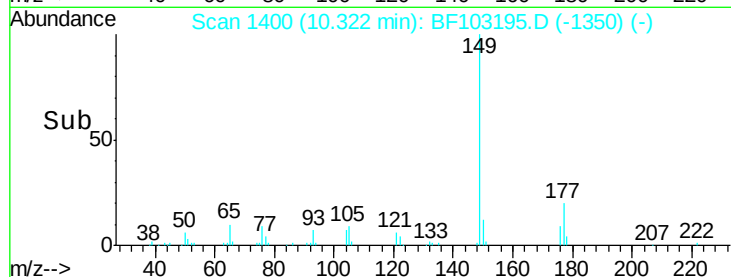
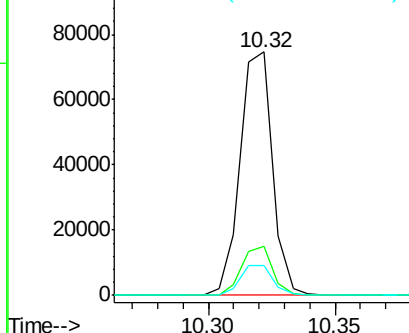
#59
Diethylphthalate
Concen: 2.295 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 66077
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.1 10.1 15.1

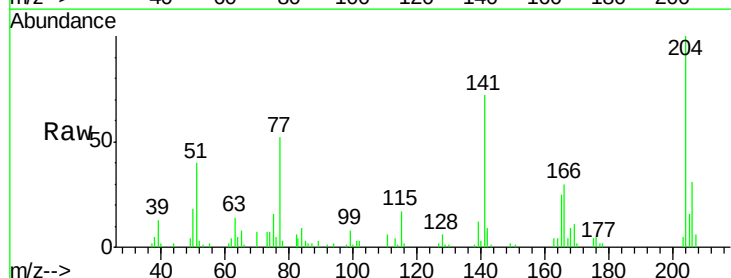


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

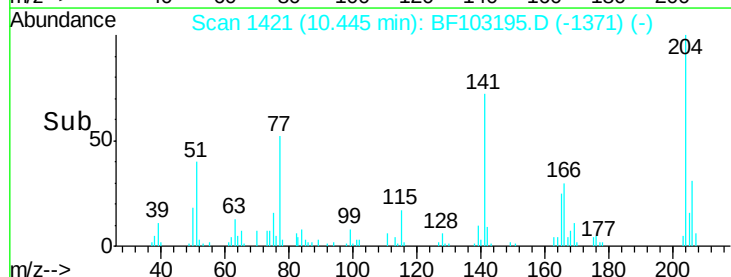
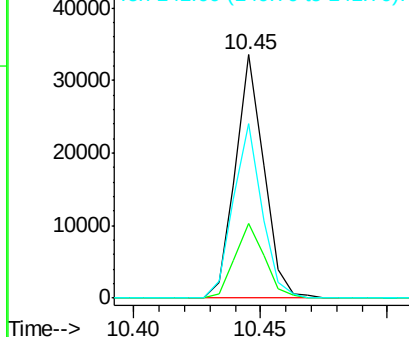


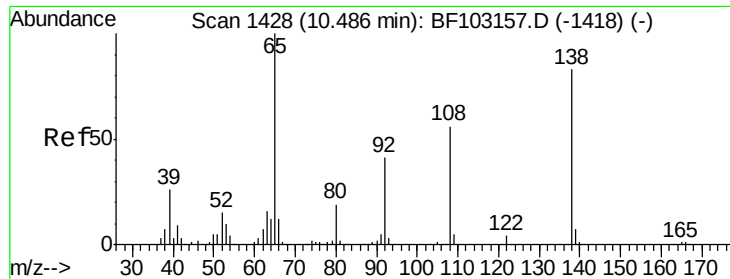
#60
4-Chlorophenyl-phenylether
Concen: 2.372 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:204 Resp: 26258
Ion Ratio Lower Upper
204 100
206 30.9 26.5 39.7
141 71.6 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

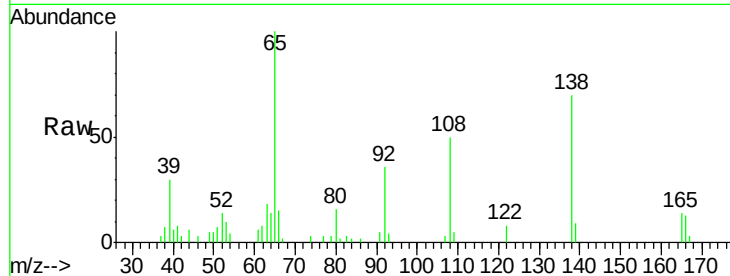




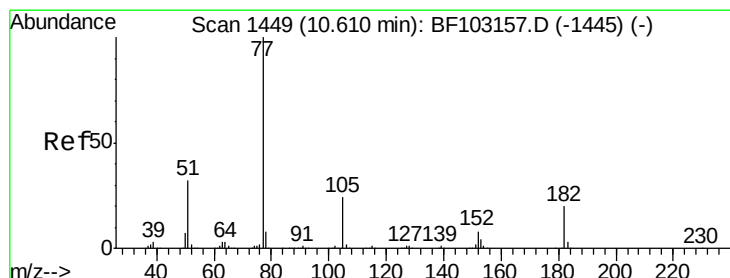
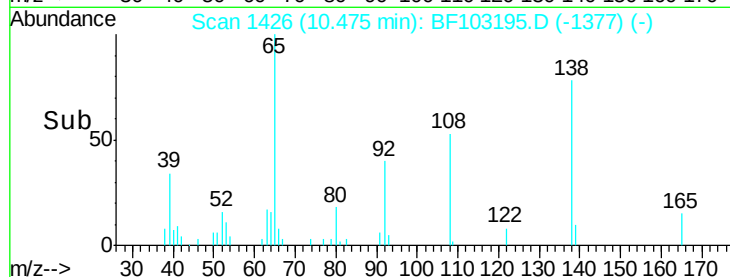
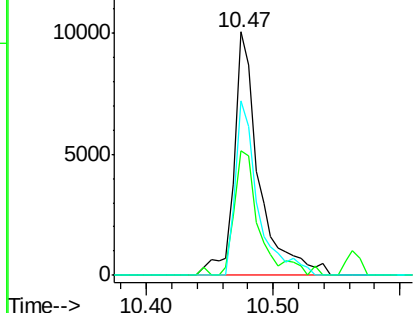
#61
4-Nitroaniline
Concen: 1.703 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 13635
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 71.6 52.5 92.5

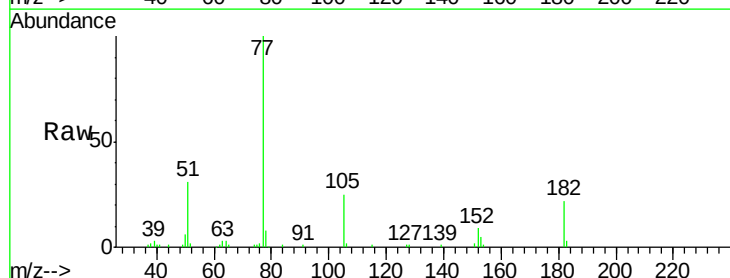


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

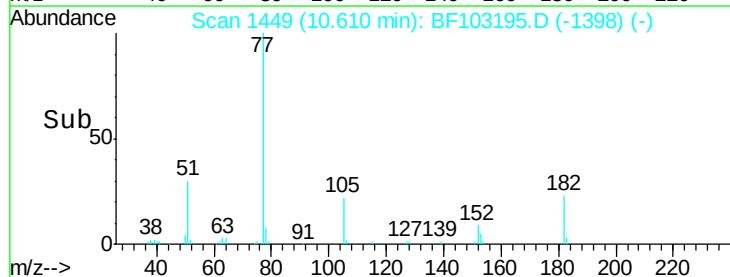
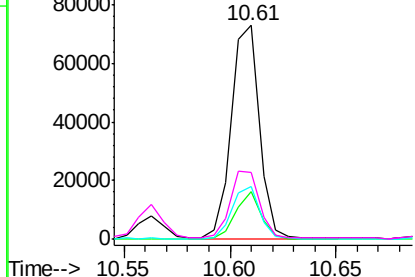


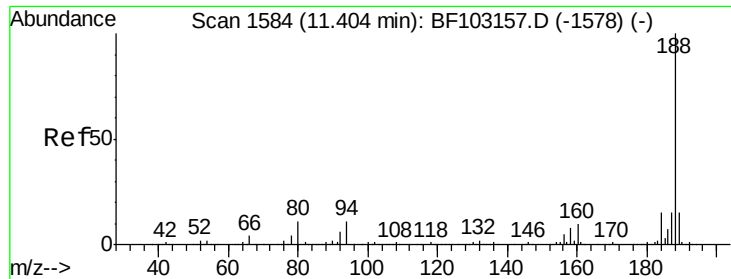
#62
Azobenzene
Concen: 2.303 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion: 77 Resp: 67500
Ion Ratio Lower Upper
77 100
182 22.3 1.7 41.7
105 24.7 3.0 43.0
51 31.2 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

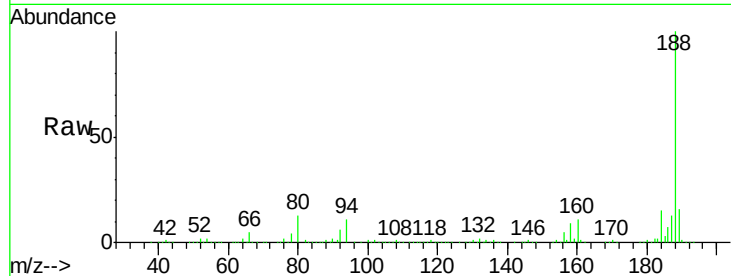
Tot Ion:188 Resp: 646600

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

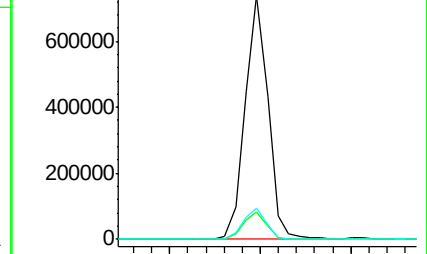
80 12.6 9.2 13.8



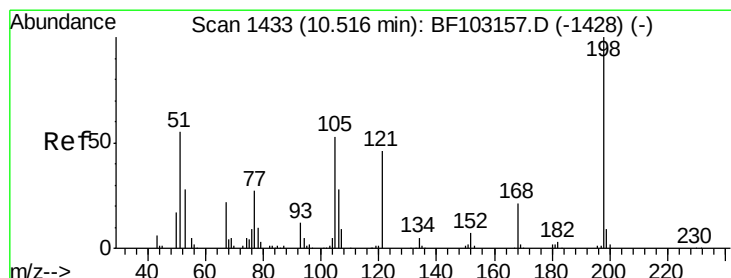
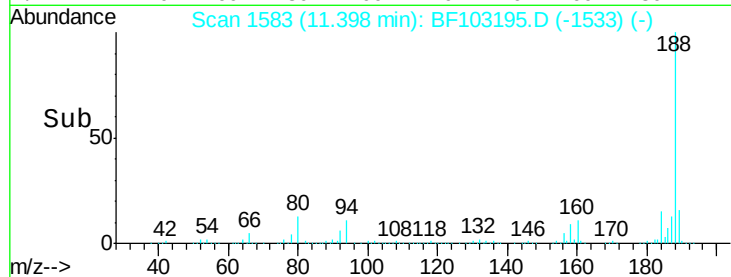
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.699 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

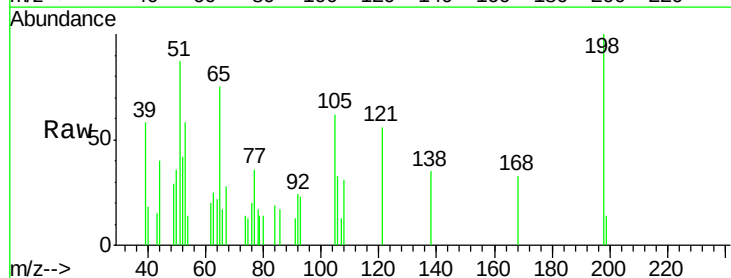
Tgt Ion:198 Resp: 3307

Ion Ratio Lower Upper

198 100

51 86.9 37.7 77.7#

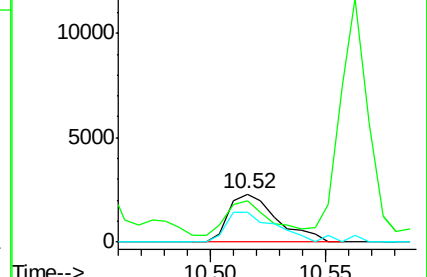
105 62.1 36.3 76.3



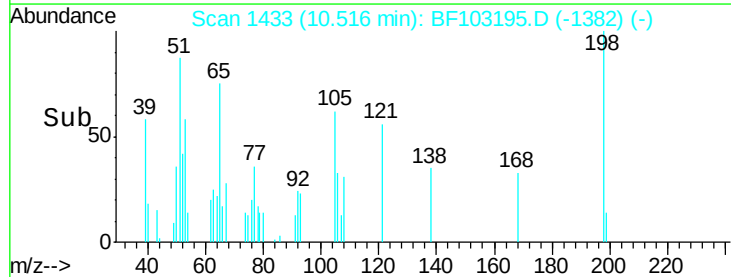
Abundance Ion 198.00 (197.70 to 198.70): E

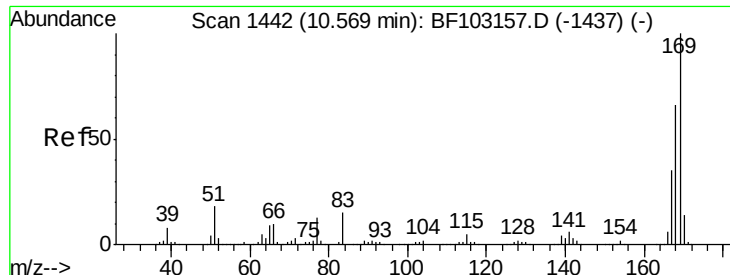
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

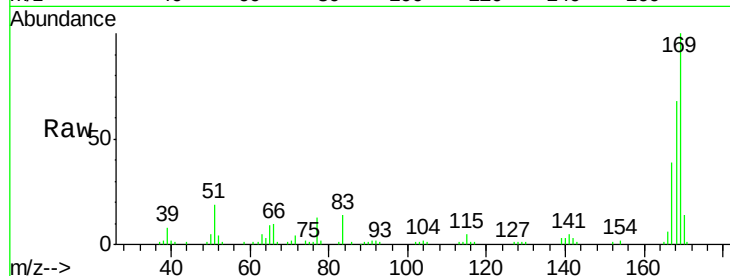




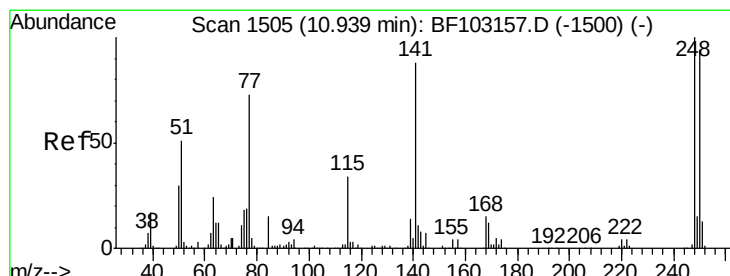
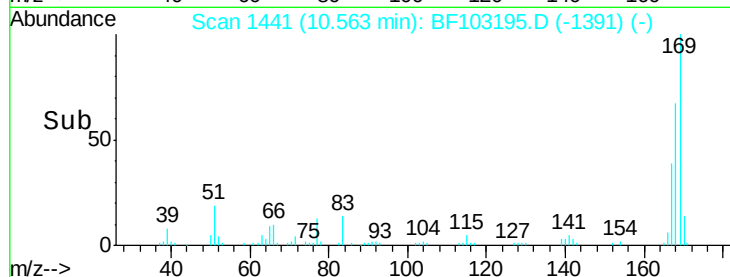
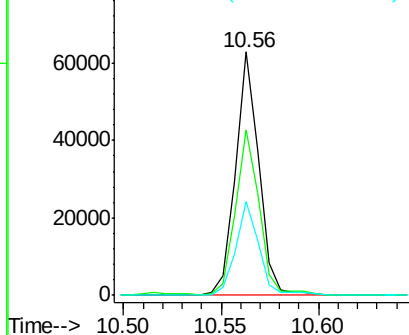
#65
 n-Nitrosodiphenylamine
 Concen: 2.309 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 51988
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 38.8 29.8 44.6

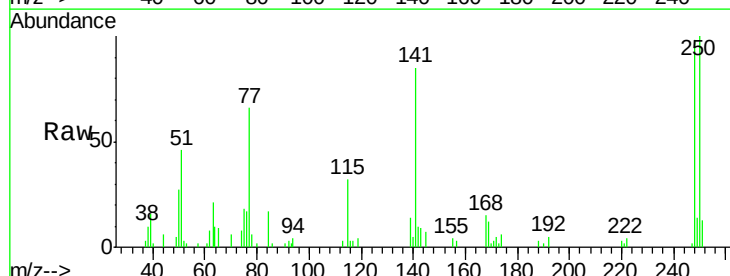


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

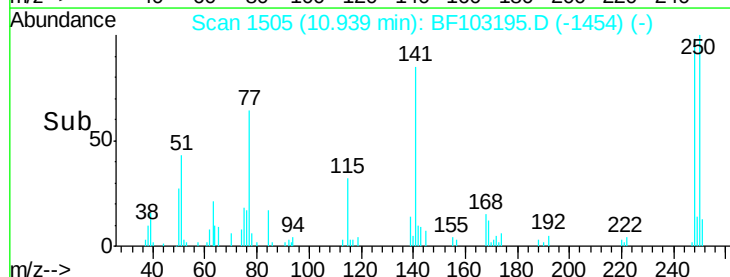
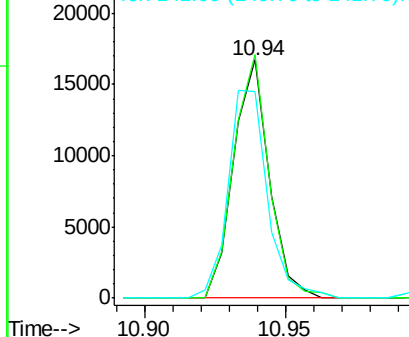


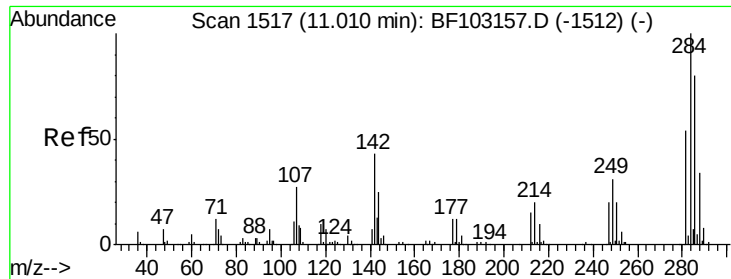
#66
 4-Bromophenyl-phenylether
 Concen: 2.176 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:248 Resp: 14657
 Ion Ratio Lower Upper
 248 100
 250 102.3 76.9 115.3
 141 86.5 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

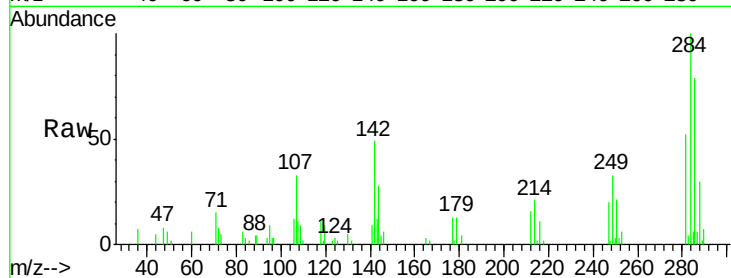




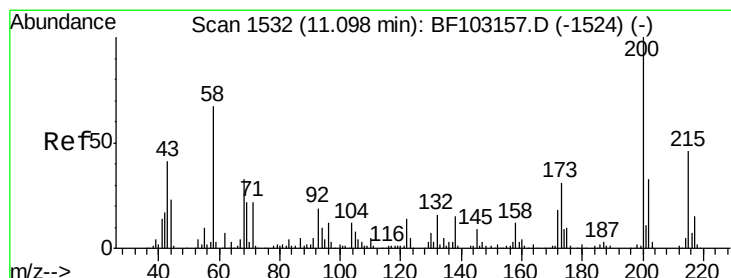
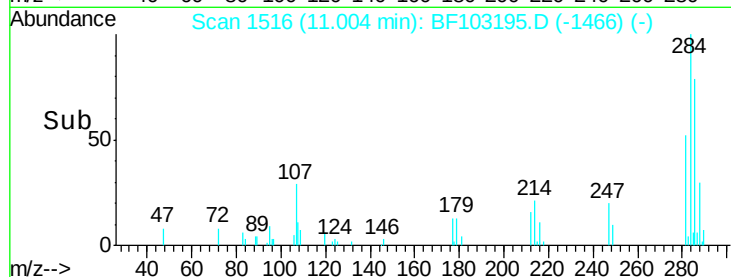
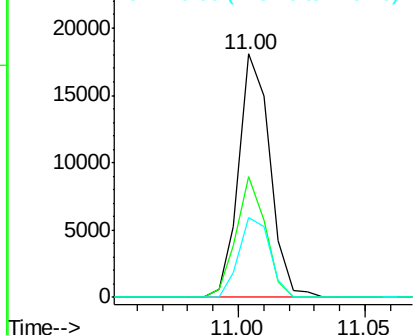
#67
Hexachlorobenzene
Concen: 2.122 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 15515
Ion Ratio Lower Upper
284 100
142 49.5 34.6 52.0
249 35.8 24.8 37.2

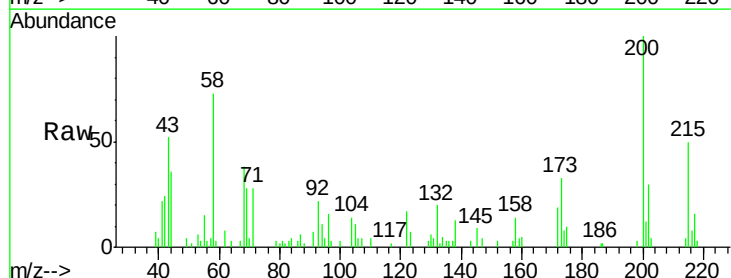


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

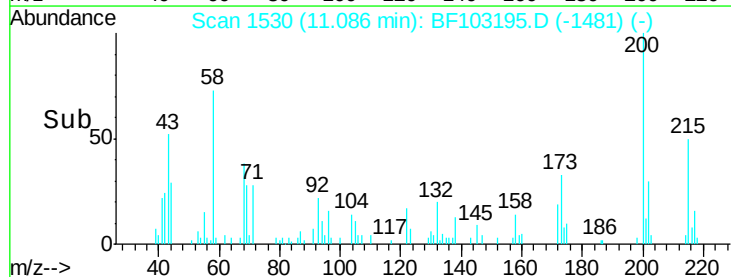
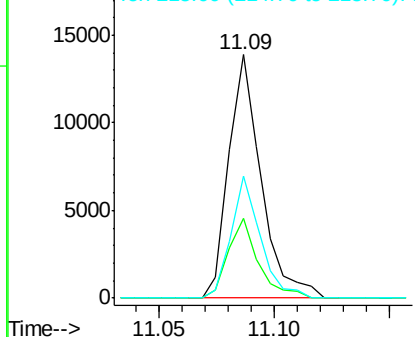


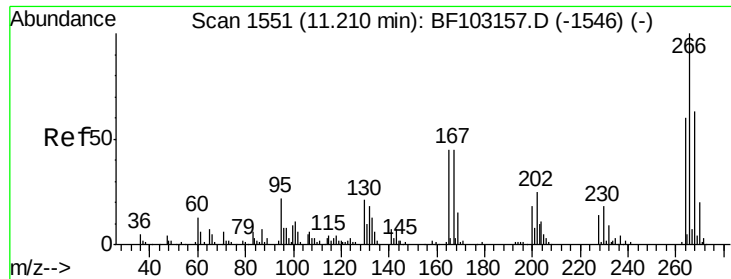
#68
Atrazine
Concen: 2.003 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:200 Resp: 13552
Ion Ratio Lower Upper
200 100
173 32.5 8.6 48.6
215 50.3 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

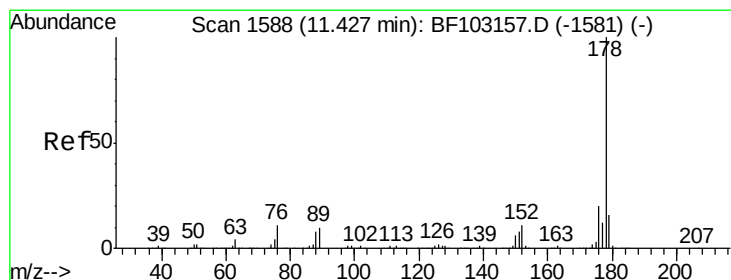
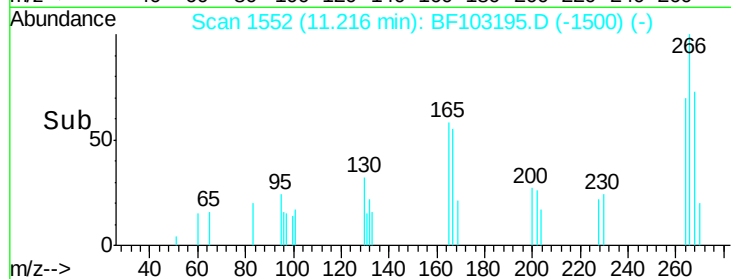
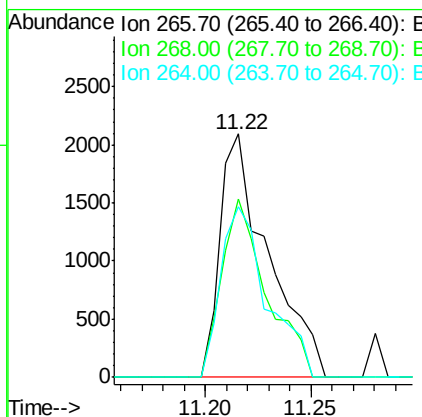
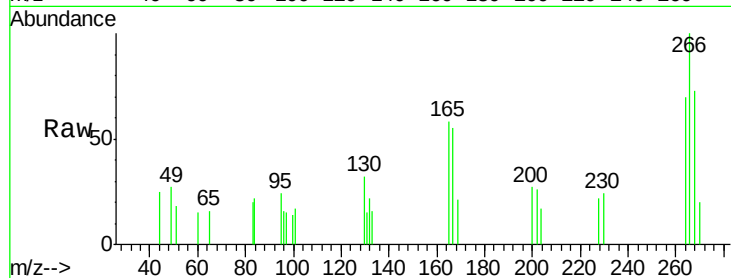




#69
 Pentachlorophenol
 Concen: 0.937 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

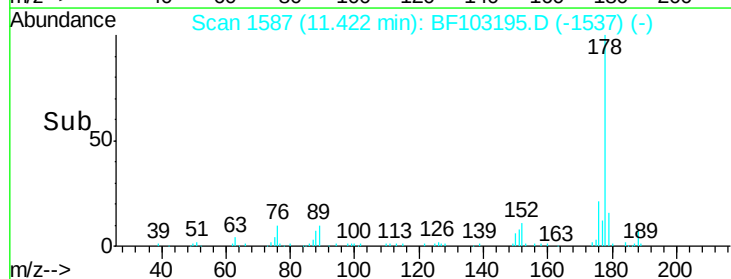
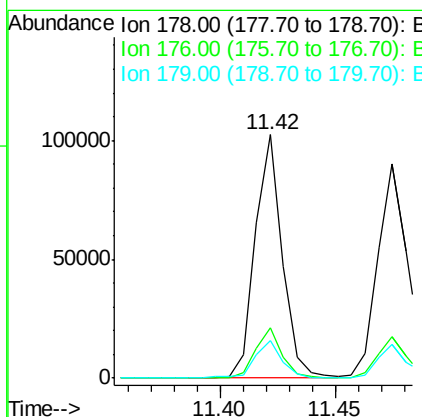
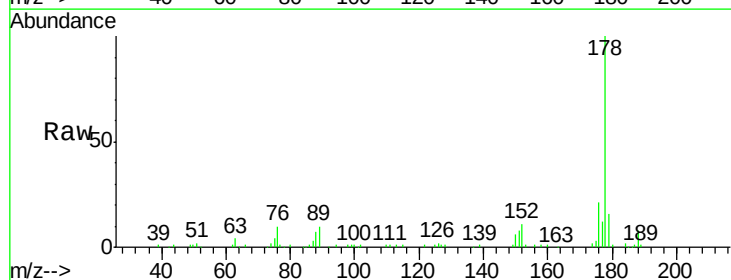
Instrument :
 BNA_F
 ClientSampled :

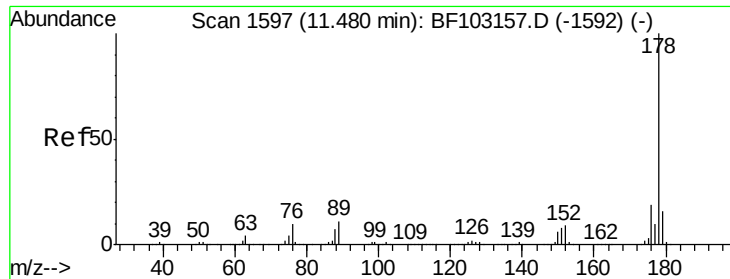
Tot Ion:266 Resp: 3311
 Ion Ratio Lower Upper
 266 100
 268 73.1 51.1 76.7
 264 70.3 49.5 74.3



#70
 Phenanthrene
 Concen: 2.364 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:178 Resp: 84123
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.8 23.8
 179 15.5 13.0 19.6

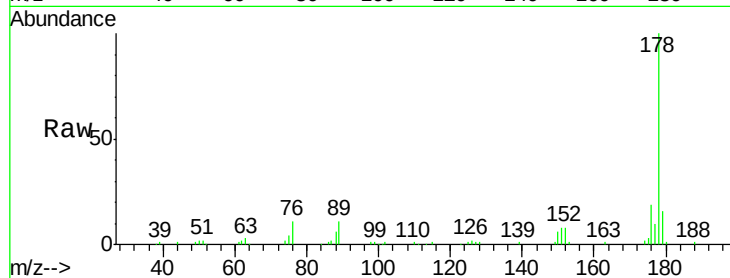




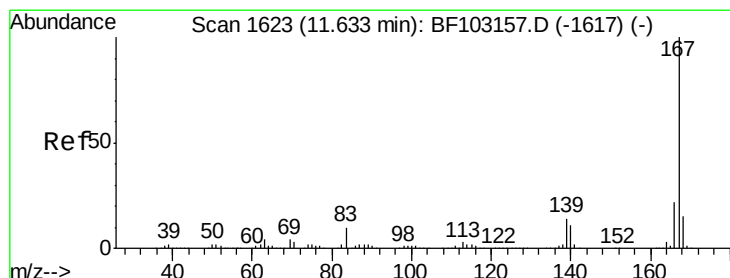
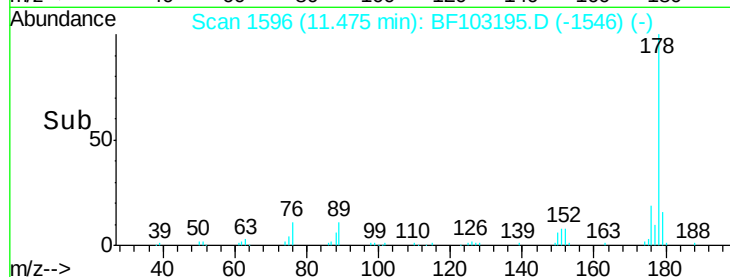
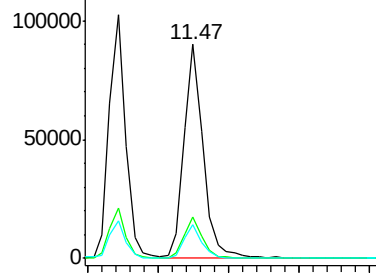
#71
 Anthracene
 Concen: 2.353 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 85878
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0

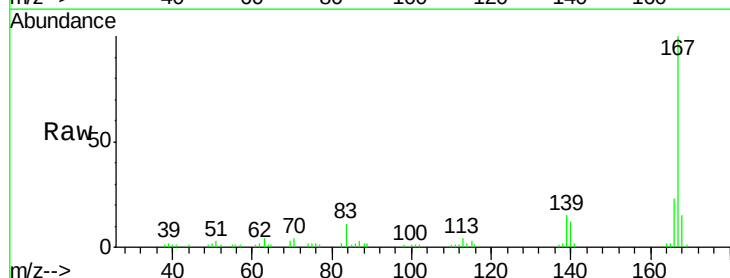


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

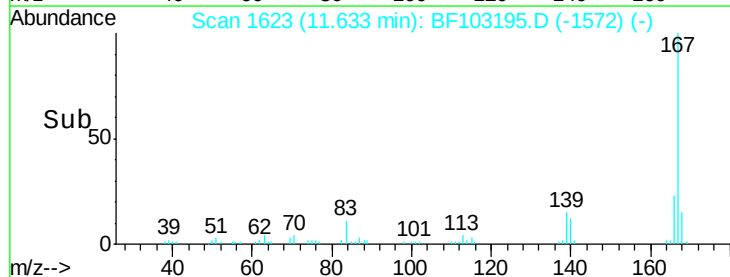
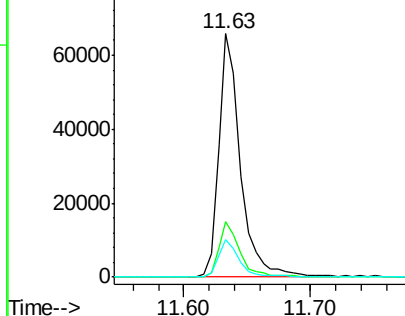


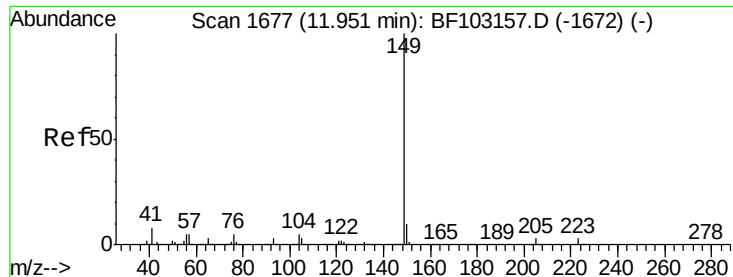
#72
 Carbazole
 Concen: 2.161 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:167 Resp: 78530
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 15.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

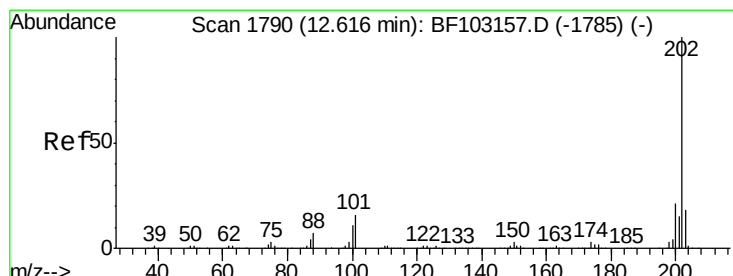
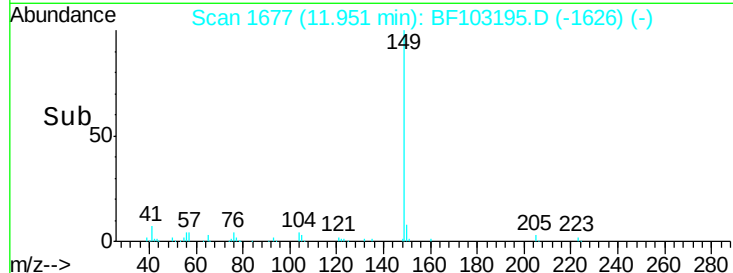
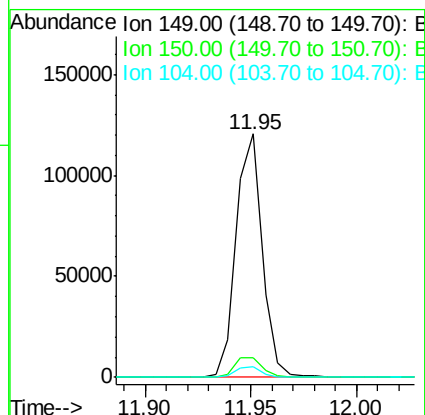
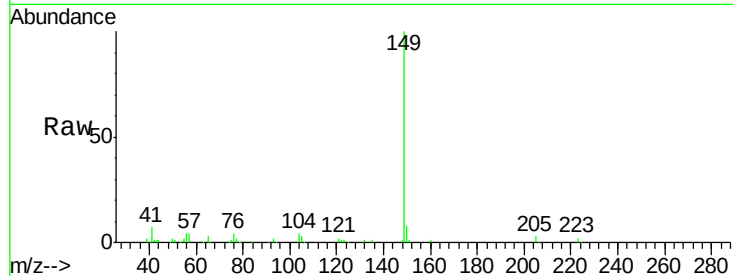




#73
Di-n-butylphthalate
Concen: 2.253 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

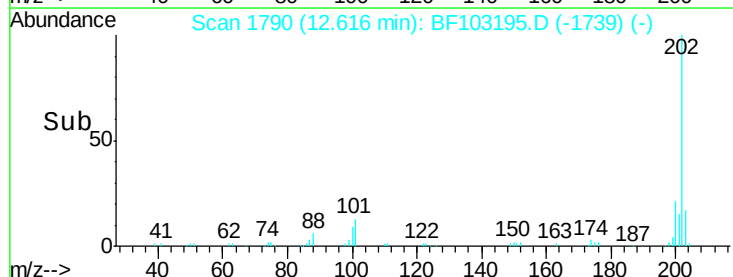
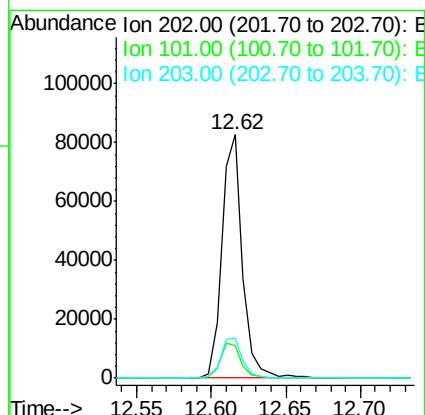
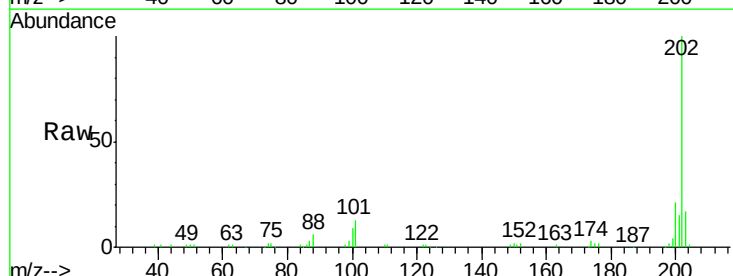
Instrument :
BNA_F
ClientSampleId :

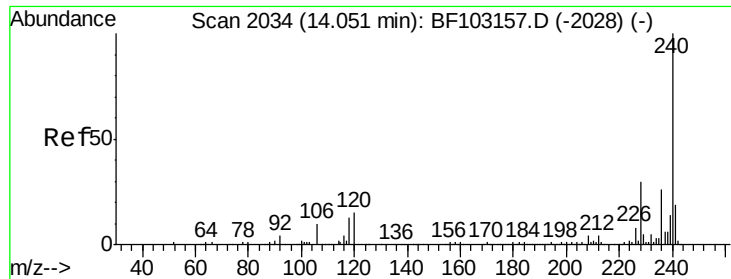
Tot Ion:149 Resp: 102420
Ion Ratio Lower Upper
149 100
150 8.3 7.8 11.6
104 4.2 3.8 5.8



#74
Fluoranthene
Concen: 2.224 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:202 Resp: 79539
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 16.6 0.0 38.1

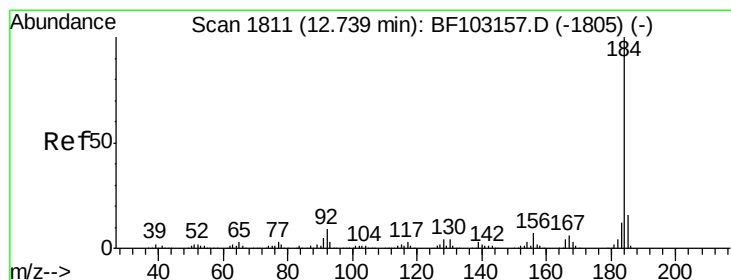
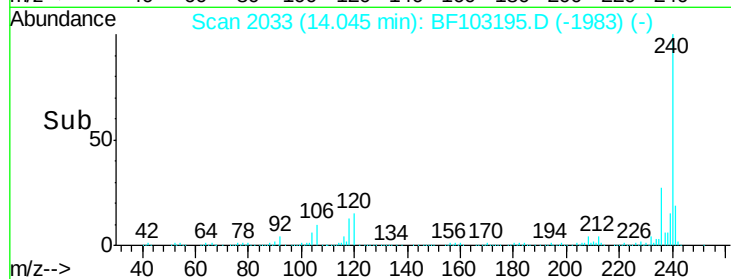
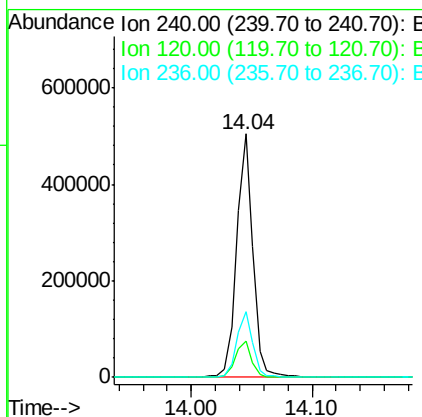
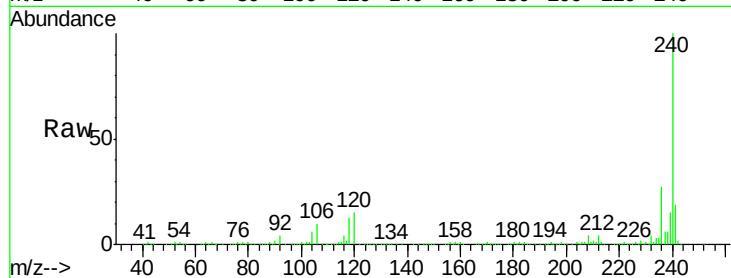




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

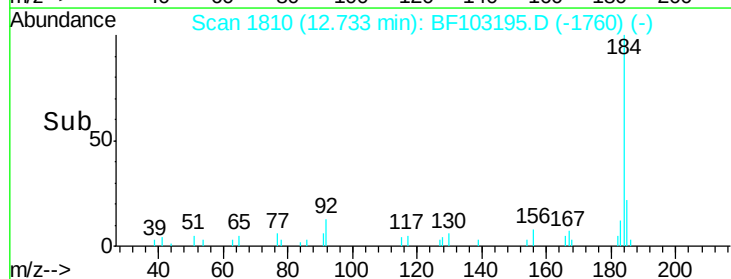
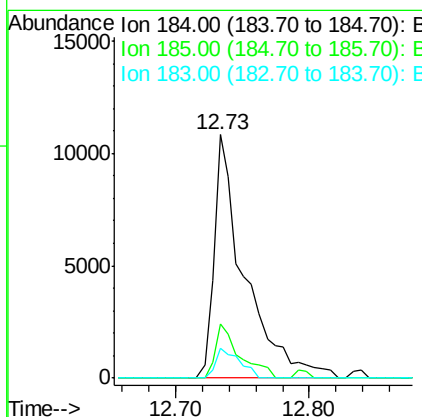
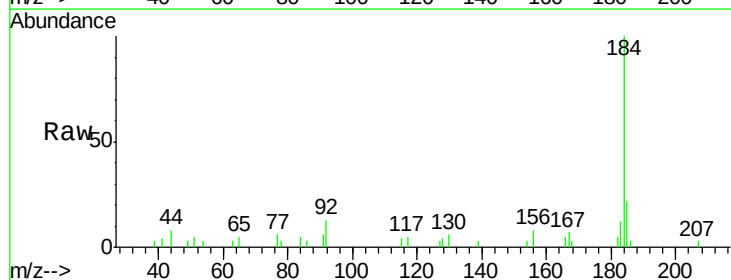
Instrument :
BNA_F
ClientSampleId :

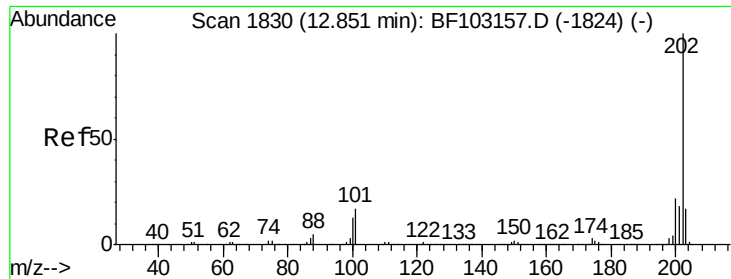
Tot Ion:240 Resp: 476057
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 26.8 20.7 31.1



#76
Benzidine
Concen: 0.976 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:184 Resp: 17367
Ion Ratio Lower Upper
184 100
185 22.0 12.6 18.8#
183 12.3 9.3 13.9

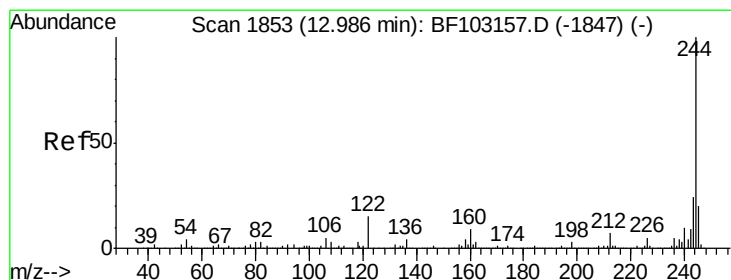
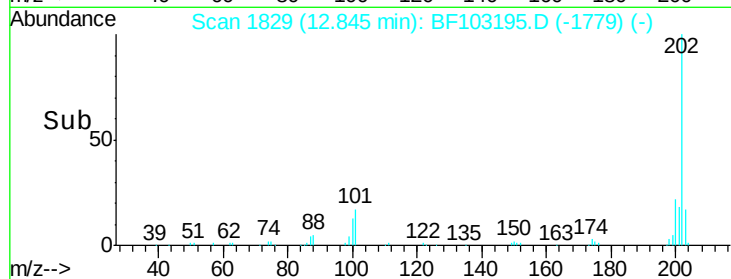
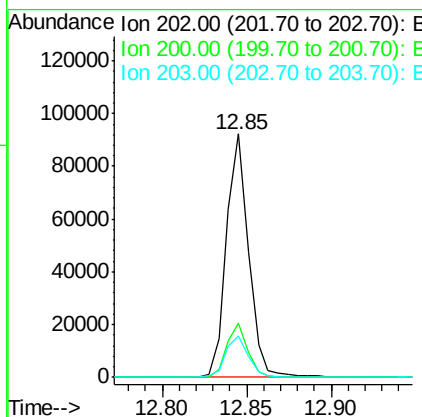
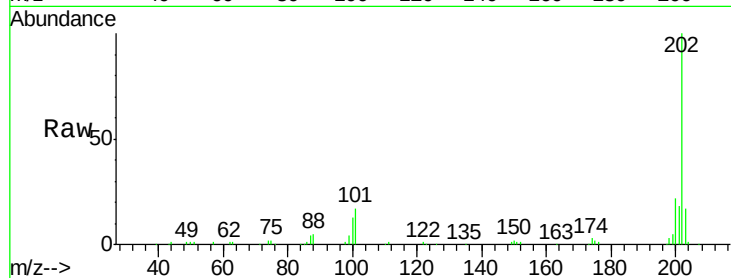




#77
 Pvrene
 Concen: 2.268 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

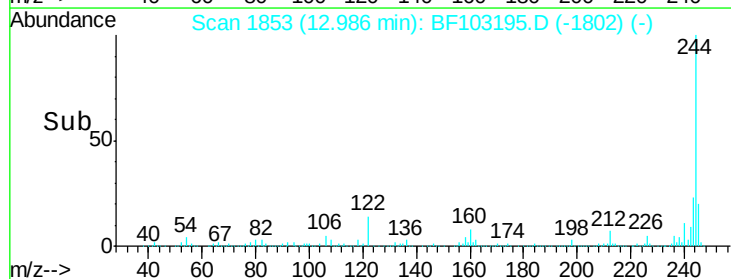
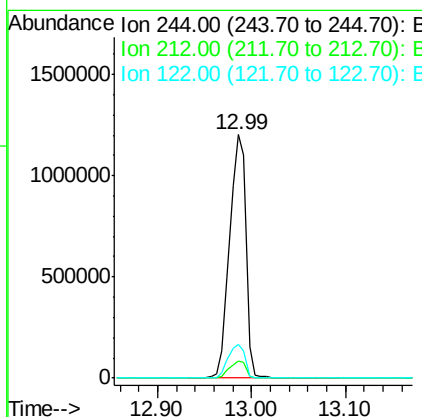
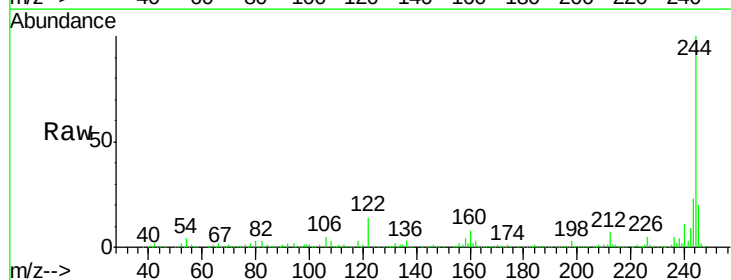
Instrument :
 BNA_F
 ClientSampleId :

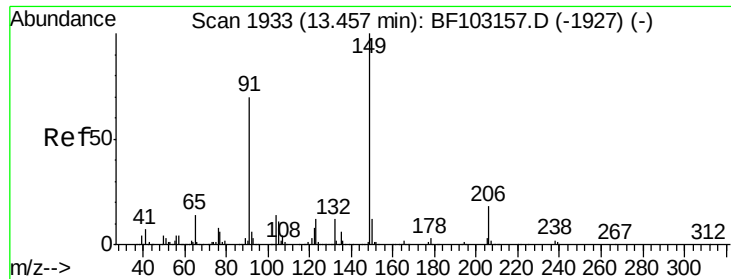
Tot Ion:202 Resp: 84171
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 17.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 73.633 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:244 Resp: 1458220
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.0 11.0 16.4

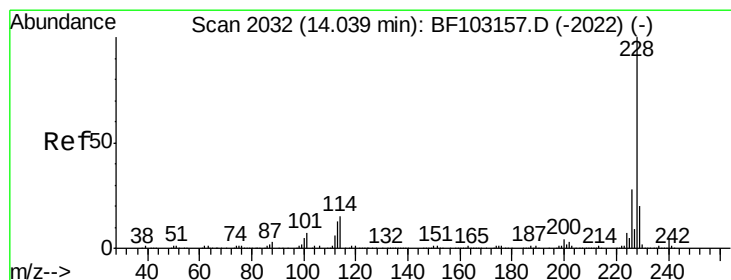
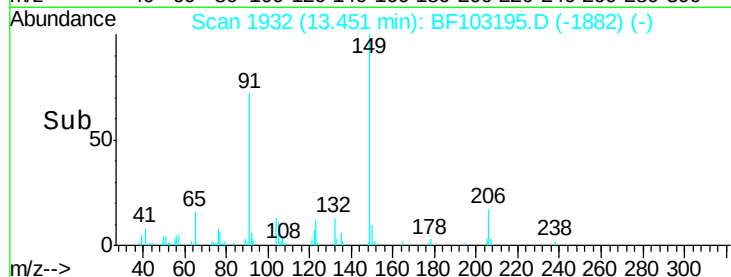
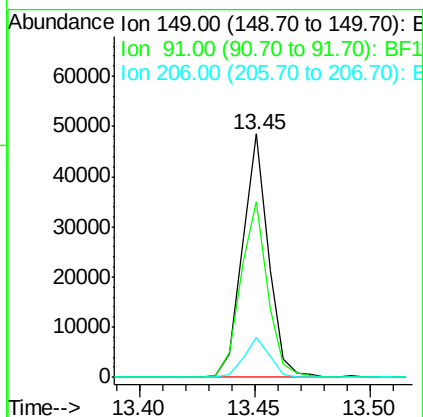
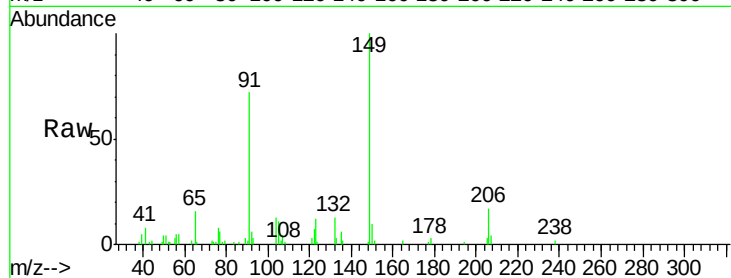




#79
Butylbenzylphthalate
Concen: 1.945 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

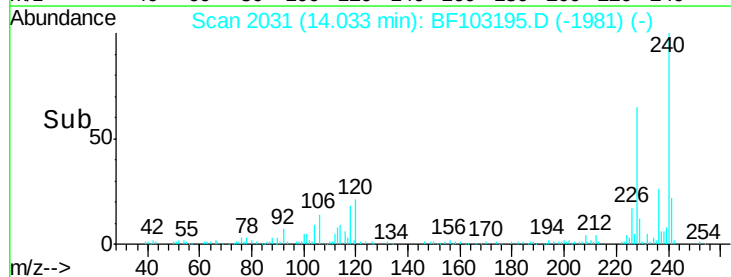
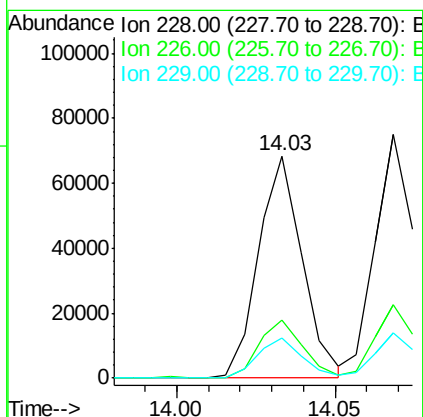
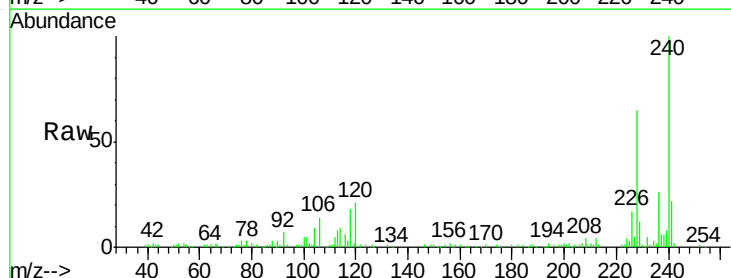
Instrument :
BNA_F
ClientSampleId :

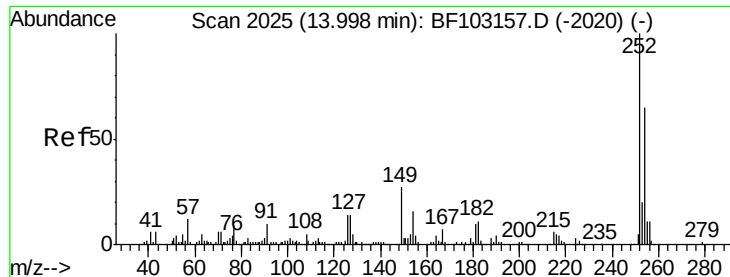
Tot Ion:149 Resp: 38137
Ion Ratio Lower Upper
149 100
91 72.4 56.8 85.2
206 16.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 2.124 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:228 Resp: 65615
Ion Ratio Lower Upper
228 100
226 26.3 22.6 33.8
229 17.8 15.8 23.6

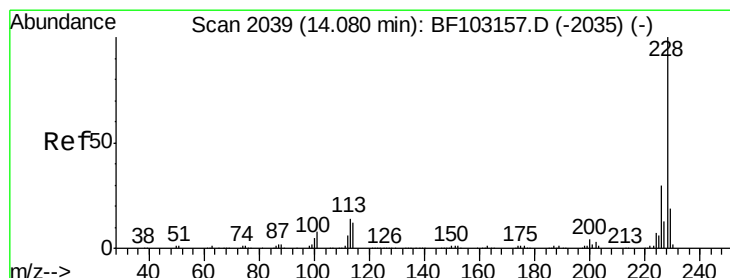
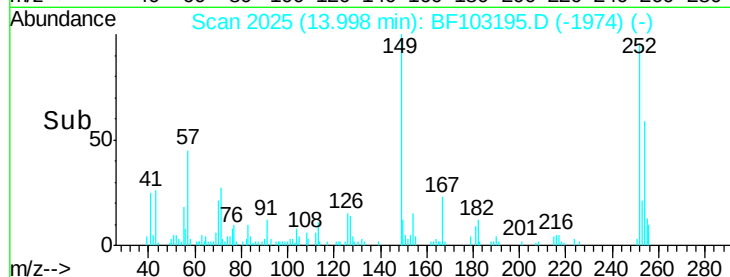
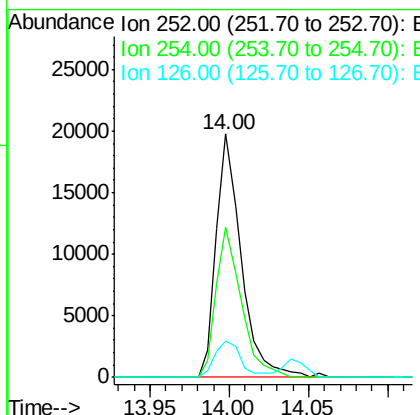
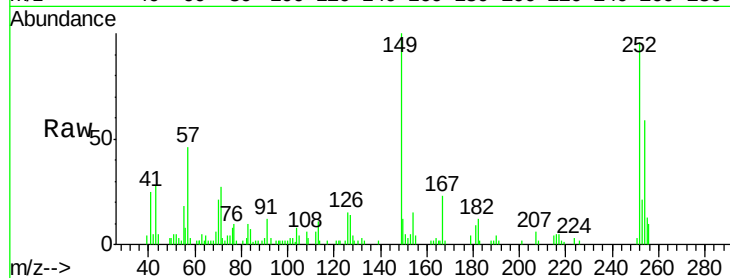




#81
 3,3'-Dichlorobenzidine
 Concen: 1.992 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

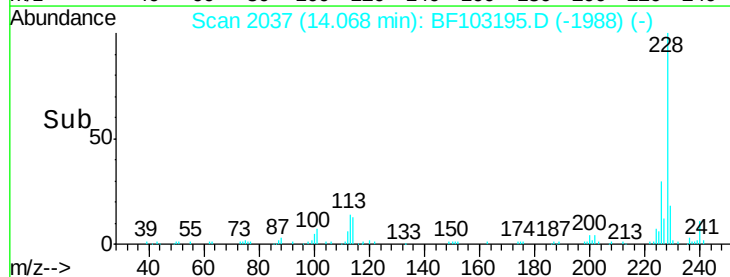
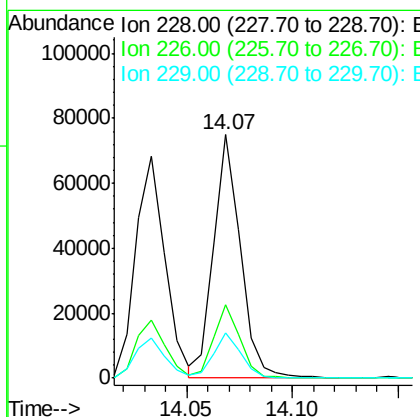
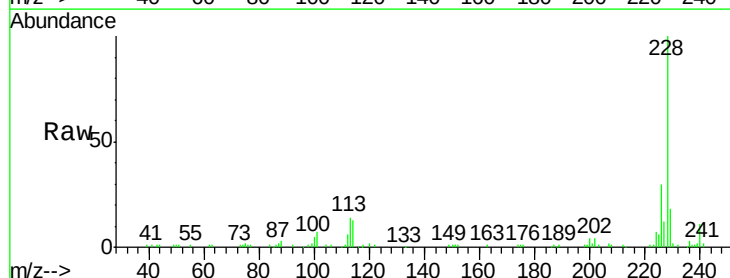
Instrument :
 BNA_F
 ClientSampleId :

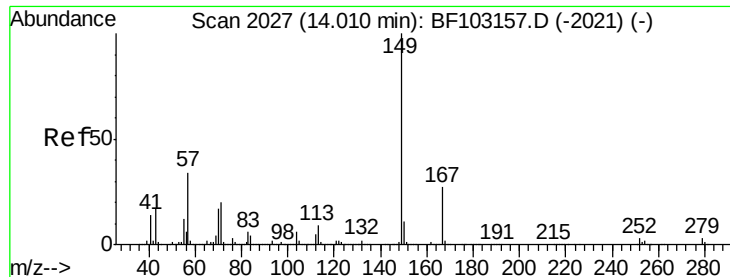
Tot Ion:252 Resp: 21957
 Ion Ratio Lower Upper
 252 100
 254 61.4 50.4 75.6
 126 15.1 11.3 16.9



#82
 Chrysene
 Concen: 2.233 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Tgt Ion:228 Resp: 66970
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 18.5 16.2 24.4

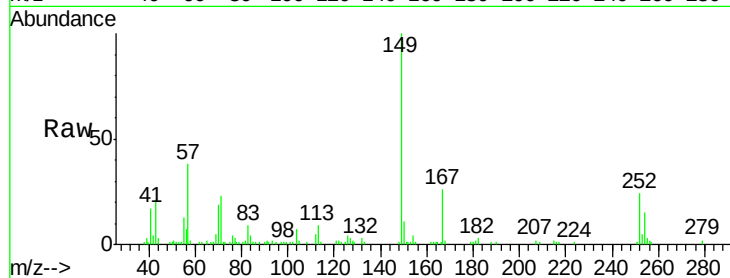




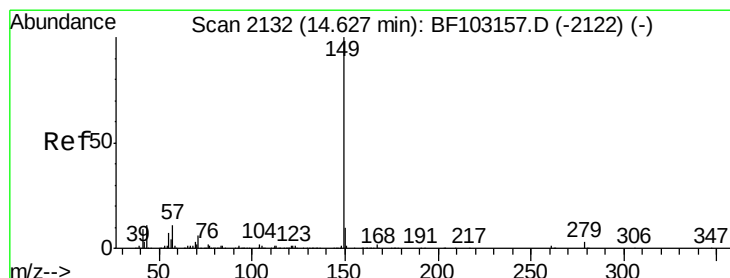
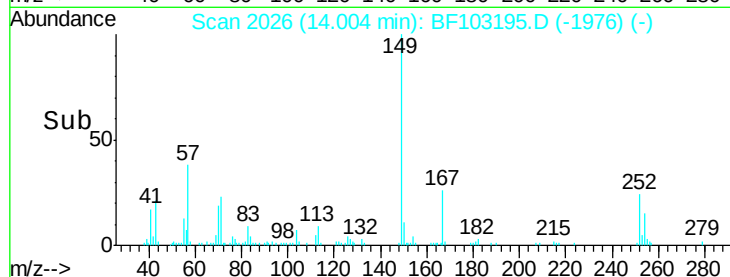
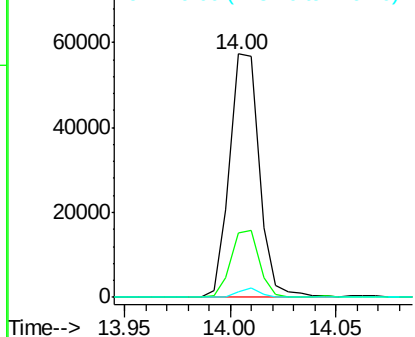
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.116 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 55984
Ion Ratio Lower Upper
149 100
167 26.3 21.3 31.9
279 2.1 3.0 4.4#

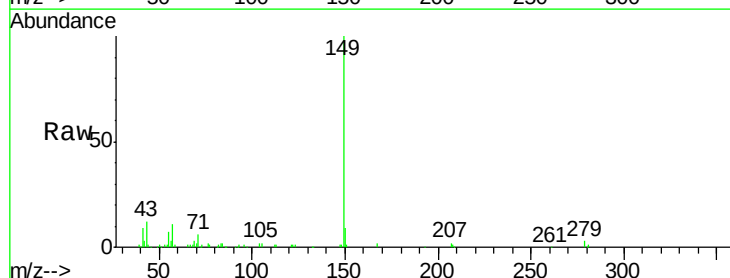


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

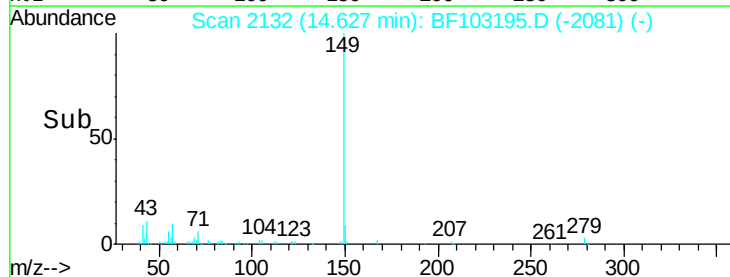
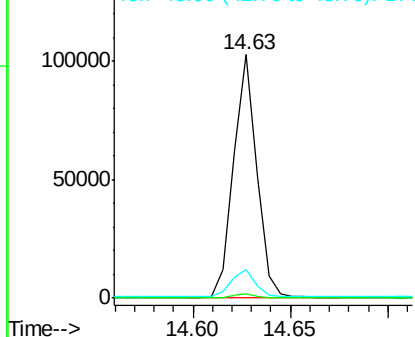


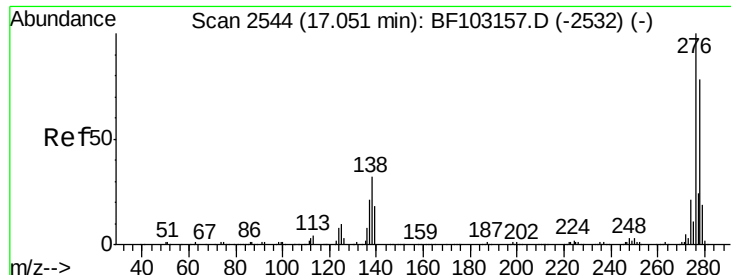
#84
Di-n-octyl phthalate
Concen: 1.998 ng
RT: 14.63 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:149 Resp: 85443
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 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

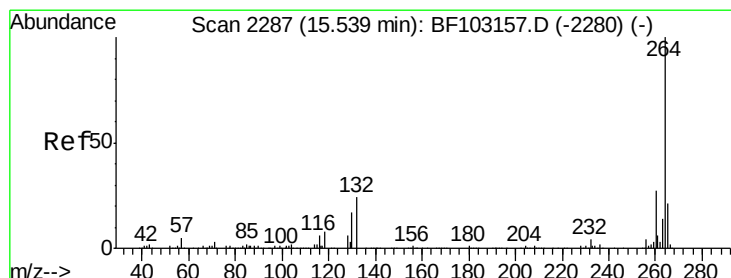
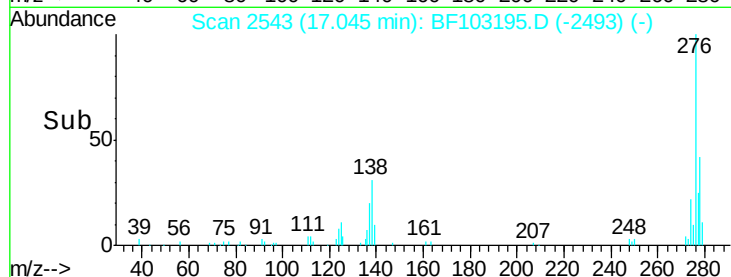
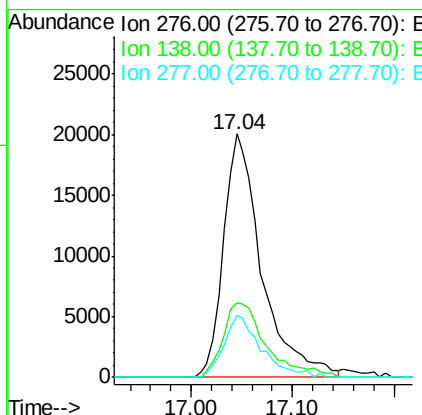
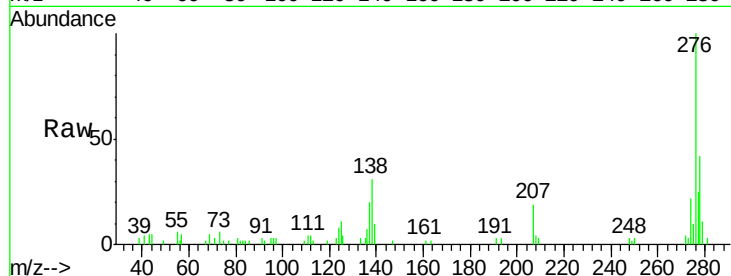




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.198 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

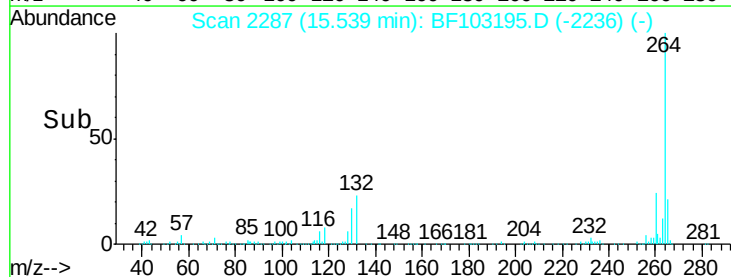
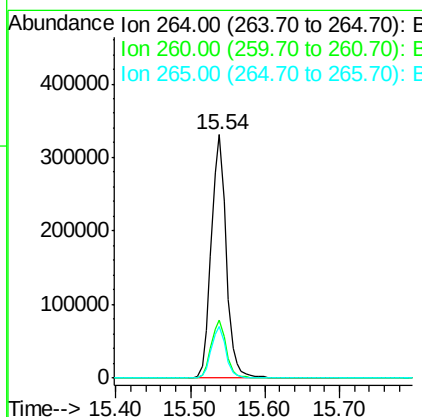
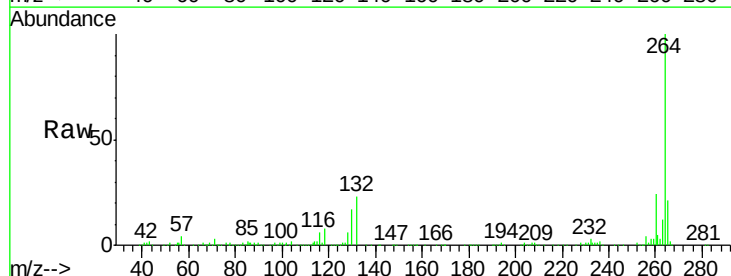
Instrument :
BNA_F
ClientSampleId :

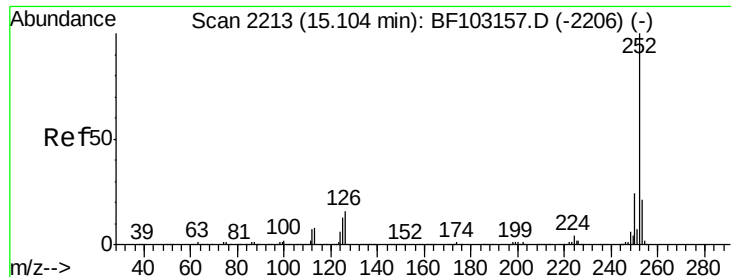
Tot Ion:276 Resp: 52188
Ion Ratio Lower Upper
276 100
138 34.9 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:264 Resp: 460859
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.3 17.5 26.3

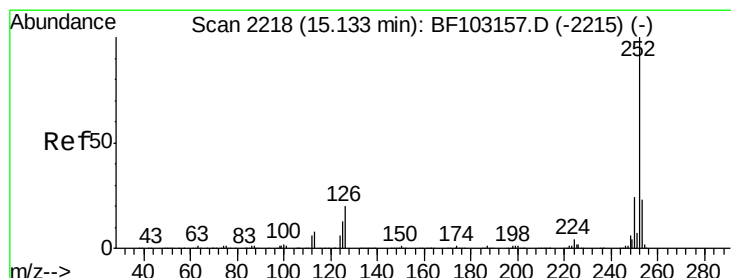
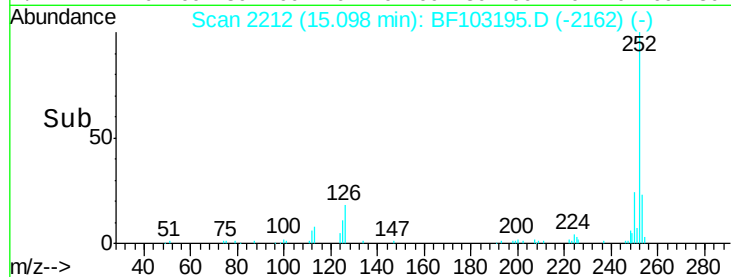
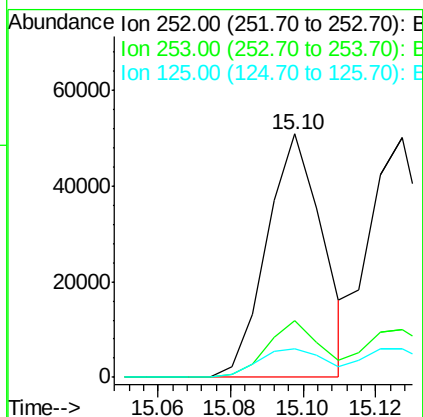
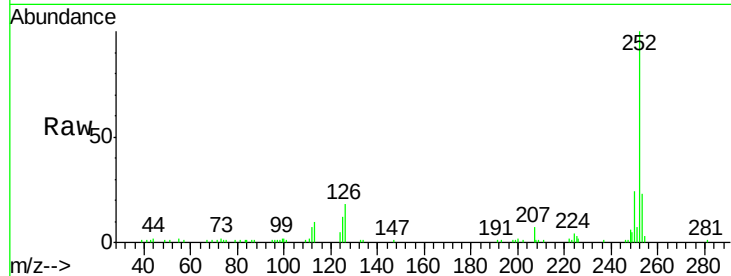




#87
Benzo(b)fluoranthene
Concen: 1.804 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

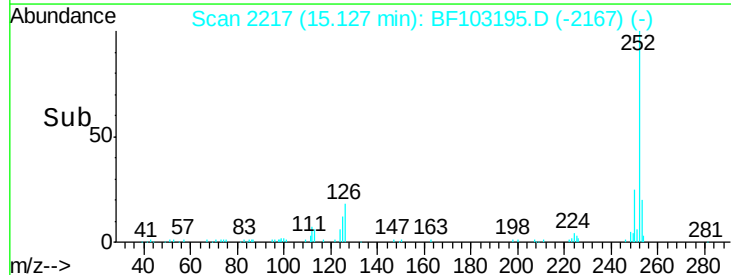
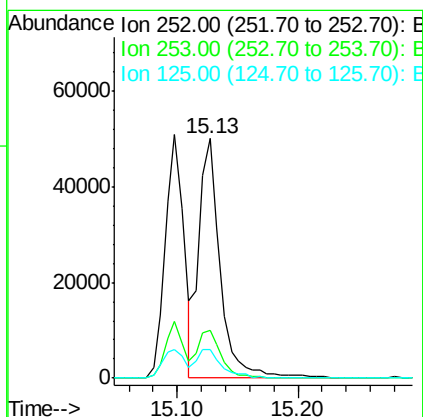
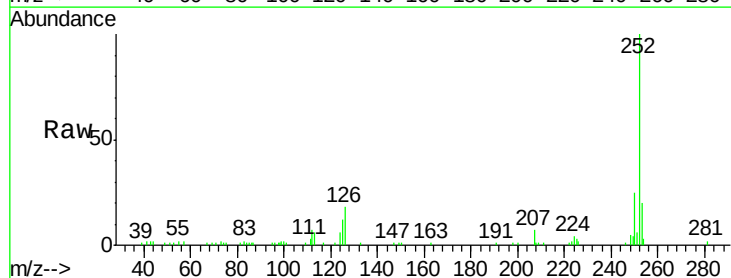
Instrument :
BNA_F
ClientSampleId :

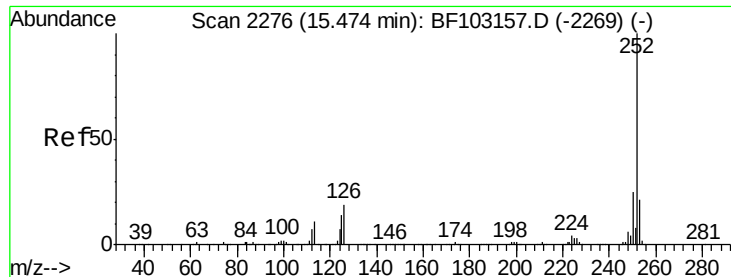
Tot Ion:252 Resp: 54654
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 2.161 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103195.D
Acq: 23 Feb 2018 13:18

Tgt Ion:252 Resp: 61661
Ion Ratio Lower Upper
252 100
253 20.0 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 1.996 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

Instrument :

BNA_F

ClientSampleId :

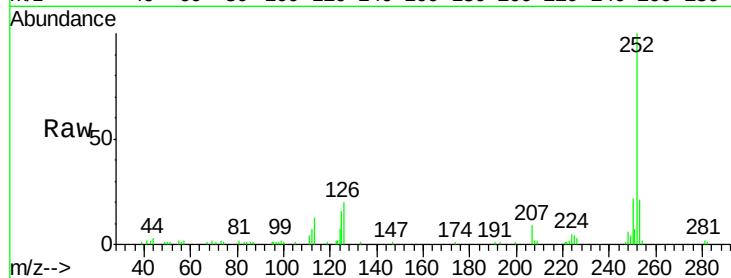
Tot Ion:252 Resp: 54008

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

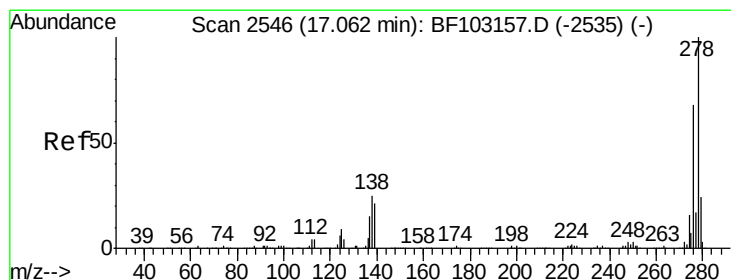
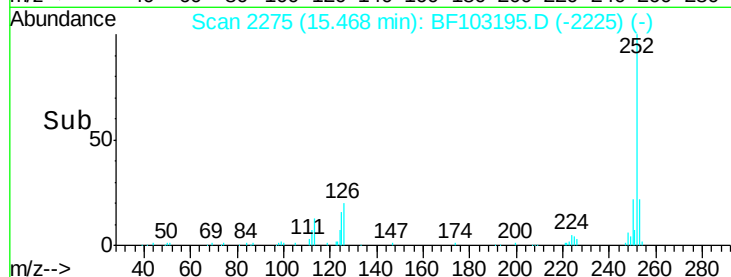
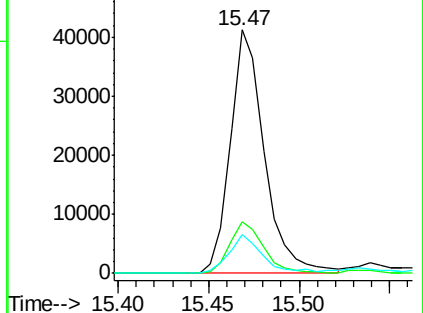
125 16.1 9.8 14.6#



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: 2.070 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF103195.D

Acq: 23 Feb 2018 13:18

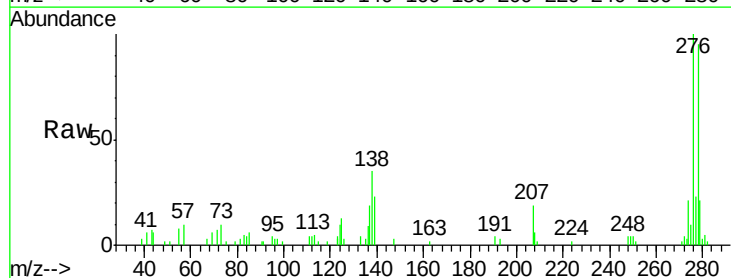
Tgt Ion:278 Resp: 43288

Ion Ratio Lower Upper

278 100

139 24.3 15.9 23.9#

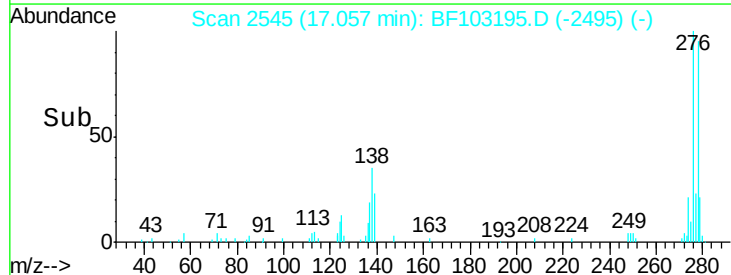
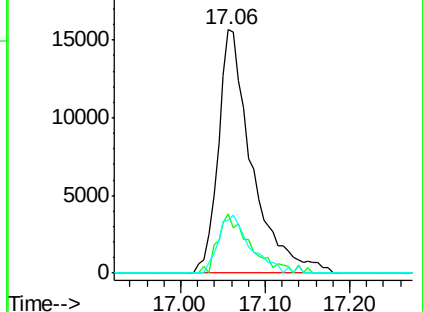
279 21.9 19.0 28.4

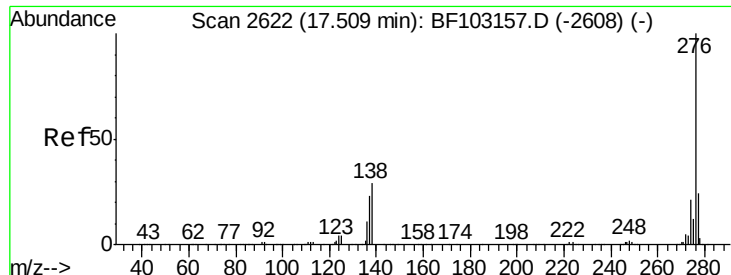


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

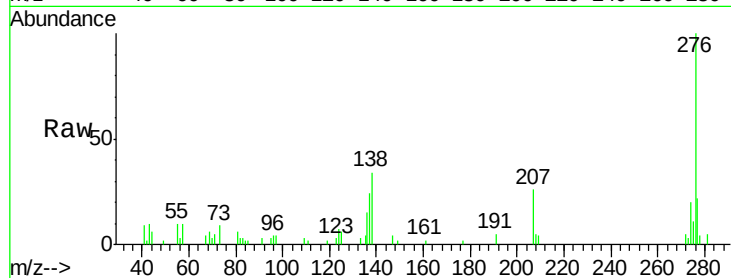




#91
 Benzo(a,h,i)perylene
 Concen: 2.081 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF103195.D
 Acq: 23 Feb 2018 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	21.9	17.9	26.9	
138	33.6	21.8	32.8	



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

