

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103355.D
 Acq On : 2 Mar 2018 10:07
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 02 13:28:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	157205	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	686609	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	318036	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	545014	20.00	ng	0.00
75) Chrysene-d12	14.07	240	362279	20.00	ng	0.00
86) Perylene-d12	15.57	264	322257	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	814402	78.35	ng	0.00
7) Phenol-d6	6.52	99	999841	78.61	ng	0.00
23) Nitrobenzene-d5	7.45	82	941658	78.32	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	193766	71.98	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1345152	69.79	ng	0.00
78) Terphenyl-d14	13.00	244	1106014	73.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	216662	39.466	ng	92
3) Pyridine	3.43	79	617795	42.152	ng	96
4) n-Nitrosodimethylamine	3.39	42	268990	45.508	ng	# 86
6) Aniline	6.55	93	716276	39.021	ng	92
8) 2-Chlorophenol	6.67	128	420523	38.945	ng	95
9) Benzaldehyde	6.43	77	352999	48.773	ng	98
10) Phenol	6.53	94	568820	38.524	ng	78
11) bis(2-Chloroethyl)ether	6.62	93	453950	40.508	ng	93
12) 1,3-Dichlorobenzene	6.82	146	476416	38.609	ng	99
13) 1,4-Dichlorobenzene	6.90	146	471294	38.096	ng	97
14) 1,2-Dichlorobenzene	7.05	146	436822	38.293	ng	99
15) Benzyl Alcohol	7.02	79	377414	39.378	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	732791	38.079	ng	90
17) 2-Methylphenol	7.13	107	381142	38.842	ng	# 95
18) Hexachloroethane	7.39	117	178695	39.678	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	314892	39.780	ng	98
20) 3+4-Methylphenols	7.29	107	445621	37.254	ng	# 70
22) Acetophenone	7.29	105	601125	37.508	ng	# 87
24) Nitrobenzene	7.47	77	521431	39.391	ng	98
25) Isophorone	7.70	82	917849	38.762	ng	97
26) 2-Nitrophenol	7.78	139	252510	40.521	ng	94
27) 2,4-Dimethylphenol	7.82	122	352403	36.997	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	538515	38.681	ng	98
29) 2,4-Dichlorophenol	8.03	162	360898	39.574	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	361953	37.271	ng	99
31) Naphthalene	8.19	128	1246890	37.093	ng	100
32) Benzoic acid	7.96	122	256345	37.964	ng	94
33) 4-Chloroaniline	8.23	127	563423	38.842	ng	95
34) Hexachlorobutadiene	8.29	225	189542	37.481	ng	98
35) Caprolactam	8.63	113	130268	40.644	ng	# 85
36) 4-Chloro-3-methylphenol	8.72	107	405329	39.406	ng	98
37) 2-Methylnaphthalene	8.87	142	812020	37.378	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	323009	37.151	ng	99
40) Hexachlorocyclopentadiene	9.02	237	104131	39.088	ng	98

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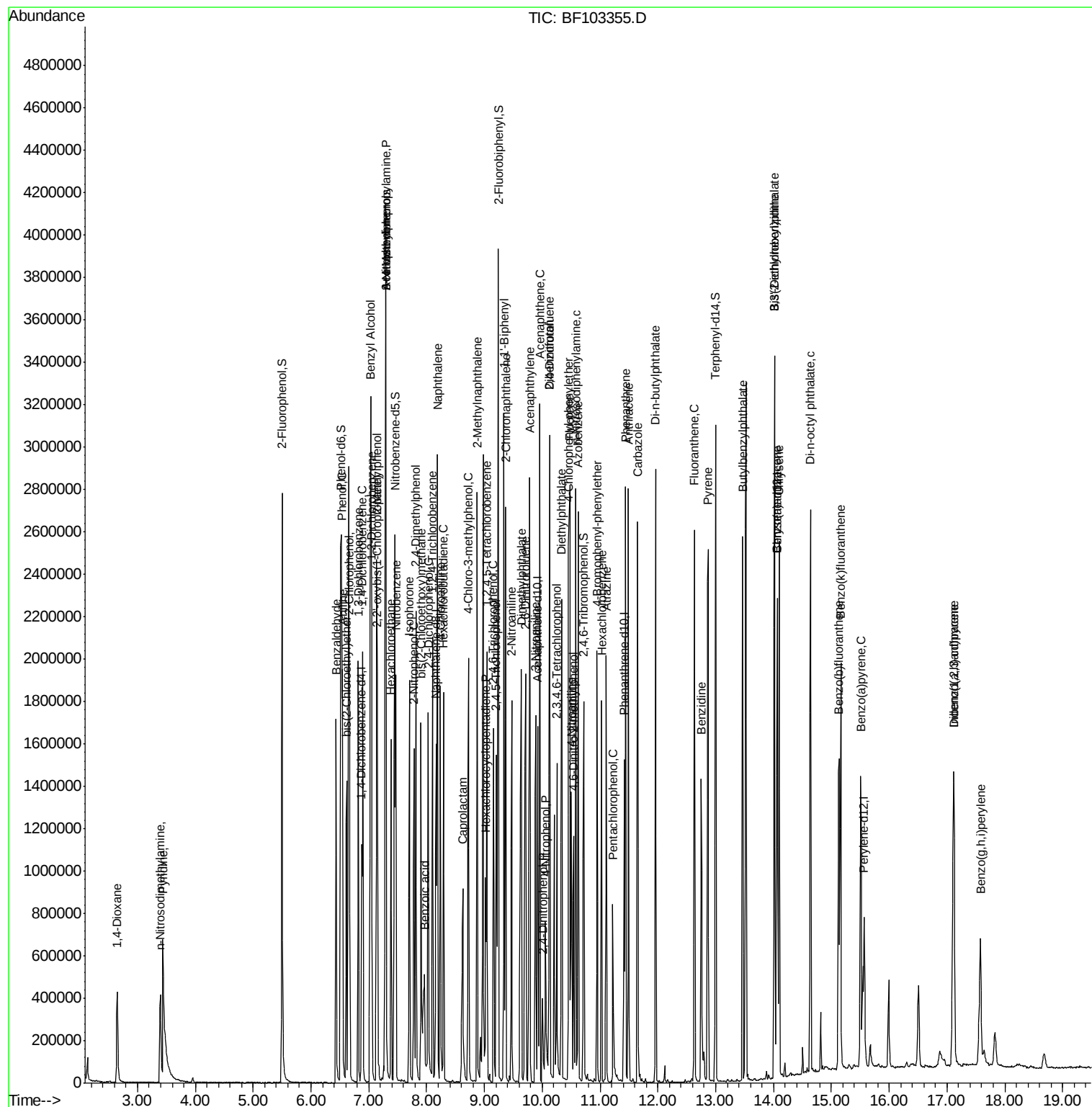
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	216706	37.042	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	248490	36.930	ng	96
45) 1,1'-Biphenyl	9.34	154	968743	36.351	ng	99
46) 2-Chloronaphthalene	9.37	162	774478	36.734	ng	100
47) 2-Nitroaniline	9.47	65	328342	42.042	ng	84
48) Acenaphthylene	9.79	152	1171125	36.102	ng	99
49) Dimethylphthalate	9.64	163	921919	36.135	ng	100
50) 2,6-Dinitrotoluene	9.71	165	196573	36.715	ng	# 82
51) Acenaphthene	9.96	154	679931	35.945	ng	100
52) 3-Nitroaniline	9.89	138	259251	38.165	ng	95
53) 2,4-Dinitrophenol	10.00	184	57799	35.913	ng	# 20
54) Dibenzofuran	10.13	168	940440	36.218	ng	95
55) 4-Nitrophenol	10.06	139	150872	35.837	ng	94
56) 2,4-Dinitrotoluene	10.12	165	241843	35.715	ng	# 82
57) Fluorene	10.47	166	783493	35.420	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	160840	35.583	ng	96
59) Diethylphthalate	10.33	149	893340	36.610	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	346073	36.894	ng	98
61) 4-Nitroaniline	10.50	138	260714	38.426	ng	99
62) Azobenzene	10.62	77	947306	38.140	ng	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	125157	38.798	ng	94
65) n-Nitrosodiphenylamine	10.58	169	699260	36.849	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	206395	36.354	ng	96
67) Hexachlorobenzene	11.03	284	223165	36.215	ng	94
68) Atrazine	11.11	200	208299	36.520	ng	98
69) Pentachlorophenol	11.23	266	108043	36.261	ng	96
70) Phenanthrene	11.44	178	1069671	35.663	ng	100
71) Anthracene	11.49	178	1107782	36.018	ng	100
72) Carbazole	11.65	167	1102095	35.983	ng	99
73) Di-n-butylphthalate	11.96	149	1397275	36.458	ng	99
74) Fluoranthene	12.63	202	1071252	35.542	ng	98
76) Benzidine	12.75	184	567617	41.909	ng	99
77) Pyrene	12.87	202	1098941	38.907	ng	100
79) Butylbenzylphthalate	13.47	149	616463	41.309	ng	100
80) Benzo(a)anthracene	14.06	228	900104	38.293	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	299821	35.741	ng	99
82) Chrysene	14.10	228	864237	37.866	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	746425	37.065	ng	100
84) Di-n-octyl phthalate	14.64	149	1260897	38.752	ng	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	651785	36.072	ng	98
87) Benzo(b)fluoranthene	15.13	252	791137	37.339	ng	98
88) Benzo(k)fluoranthene	15.16	252	733363	36.756	ng	99
89) Benzo(a)pyrene	15.51	252	699526	36.971	ng	97
90) Dibenzo(a,h)anthracene	17.12	278	538913	36.860	ng	98
91) Benzo(g,h,i)perylene	17.58	276	549742	38.473	ng	98

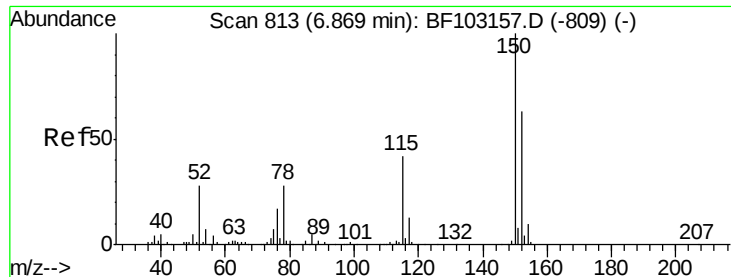
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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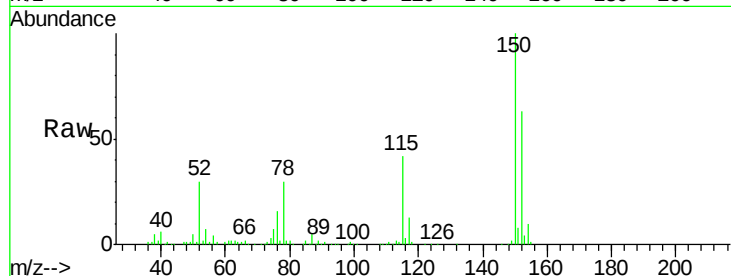


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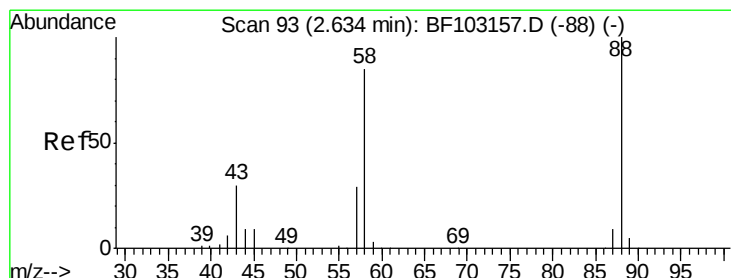
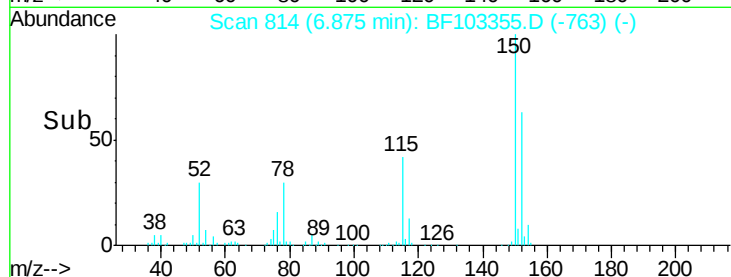
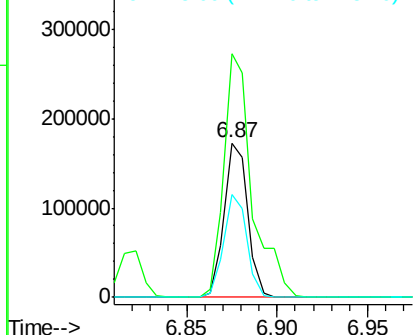
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 157205
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 67.0 50.1 75.1



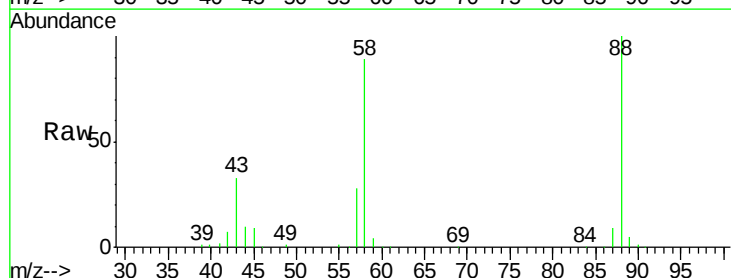
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



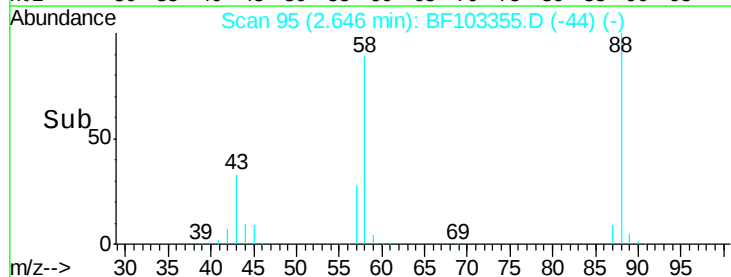
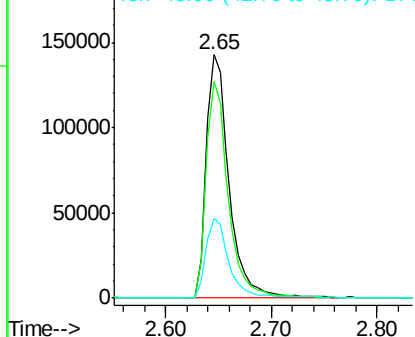
#2

1,4-Dioxane
Concen: 39.466 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion: 88 Resp: 216662
Ion Ratio Lower Upper
88 100
58 86.6 62.6 93.8
43 32.9 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: 42.152 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

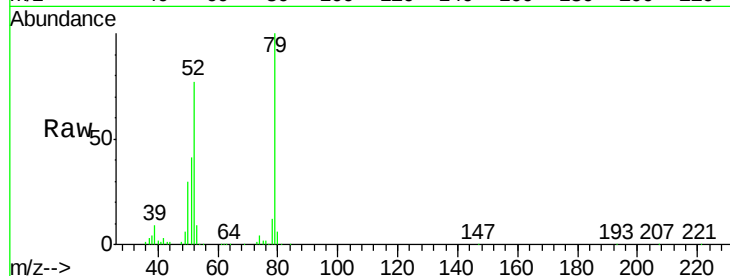
Tot Ion: 79 Resp: 617795

Ion Ratio Lower Upper

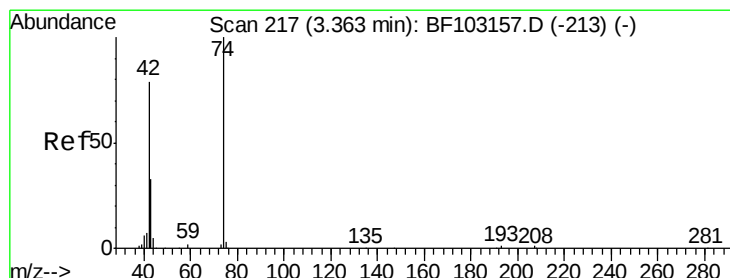
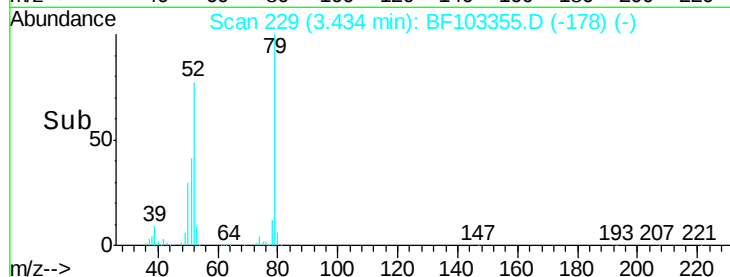
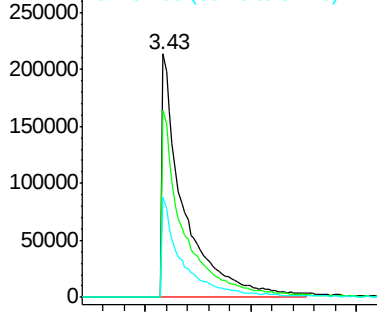
79 100

52 76.8 59.8 89.6

51 41.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.508 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

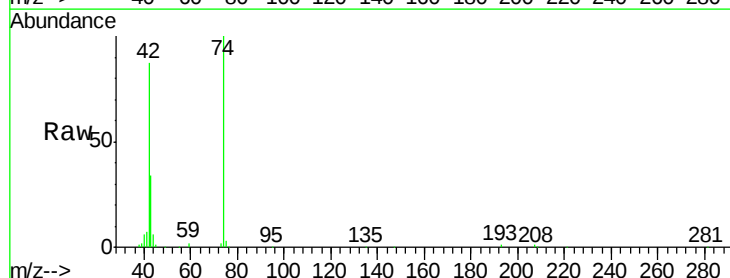
Tgt Ion: 42 Resp: 268990

Ion Ratio Lower Upper

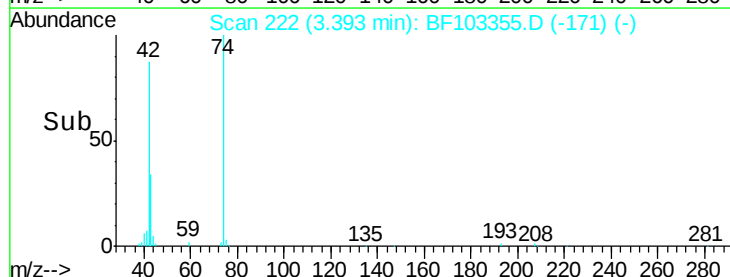
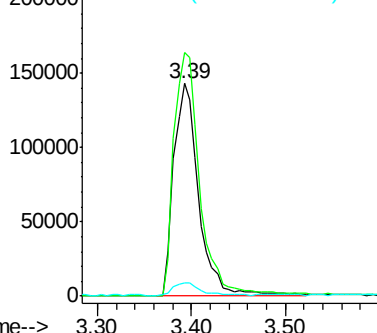
42 100

74 114.7 104.9 157.3

44 6.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.352 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

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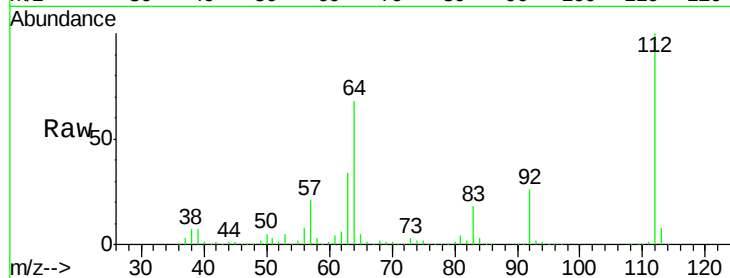
Tot Ion:112 Resp: 814402

Ion Ratio Lower Upper

112 100

64 68.1 47.9 71.9

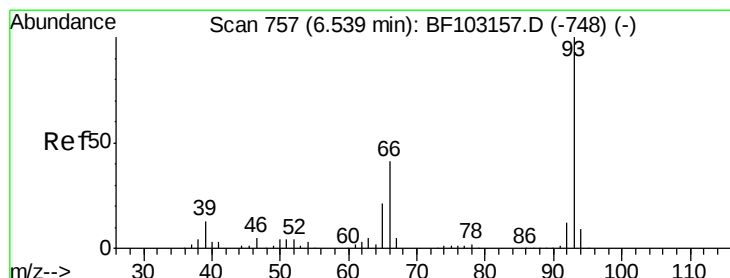
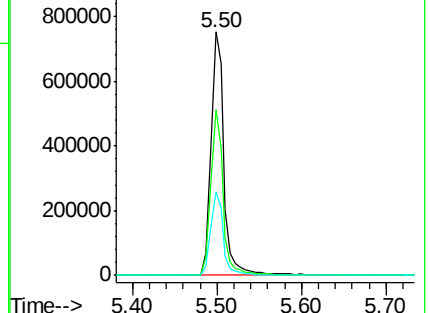
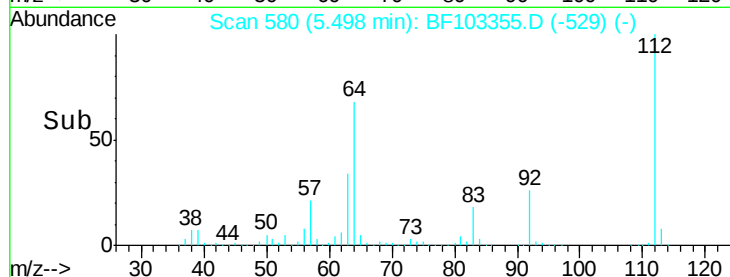
63 34.2 23.7 35.5



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: 39.021 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

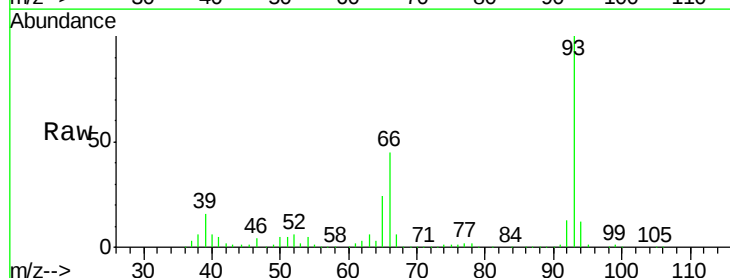
Tgt Ion: 93 Resp: 716276

Ion Ratio Lower Upper

93 100

66 45.2 32.2 48.2

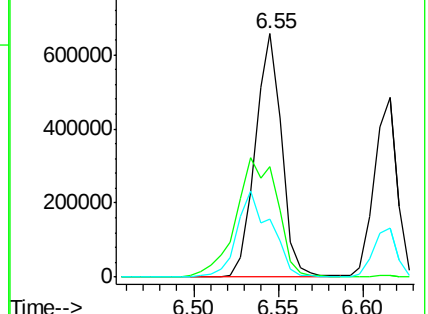
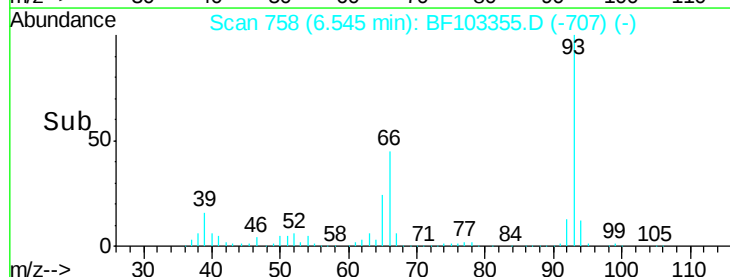
65 23.7 16.4 24.6

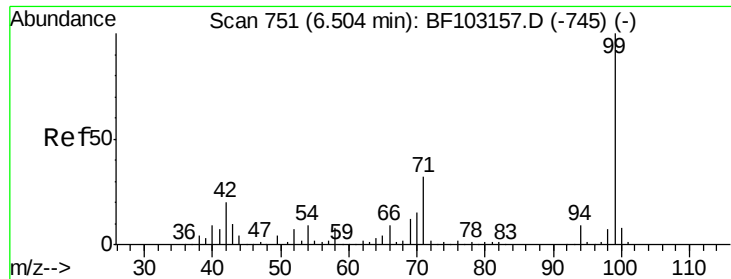


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.611 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103355.D

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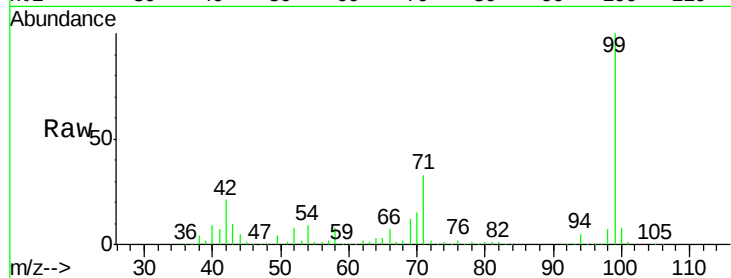
Tot Ion: 99 Resp: 999841

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

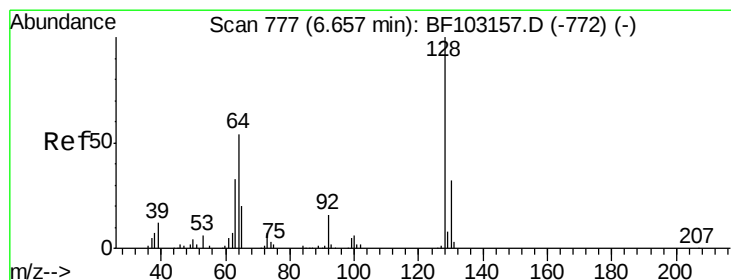
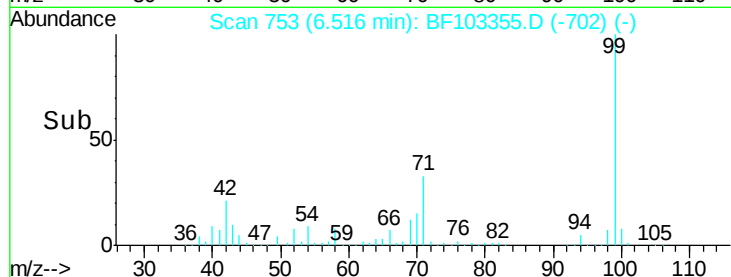
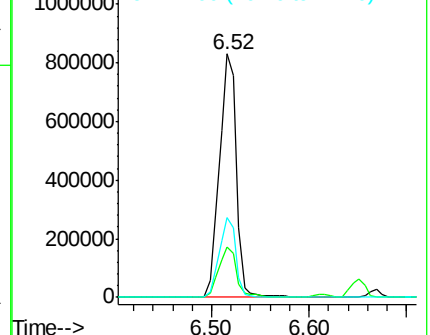
71 32.9 25.4 38.0



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: 38.945 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

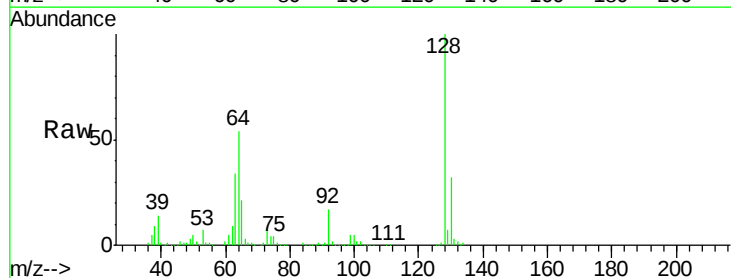
Tgt Ion: 128 Resp: 420523

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

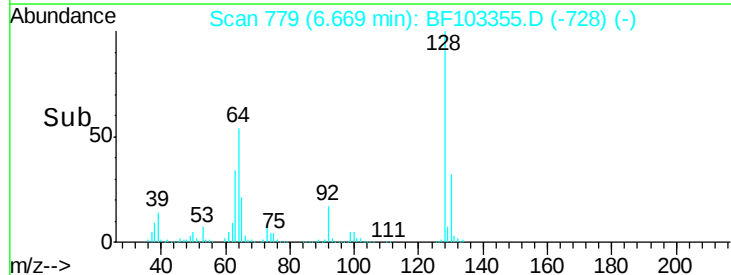
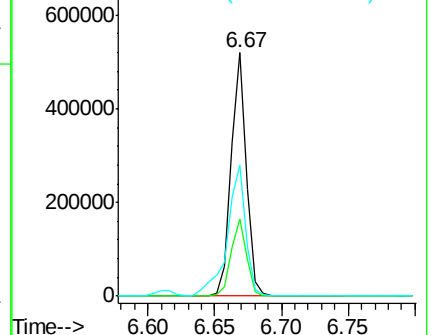
64 53.9 29.4 69.4

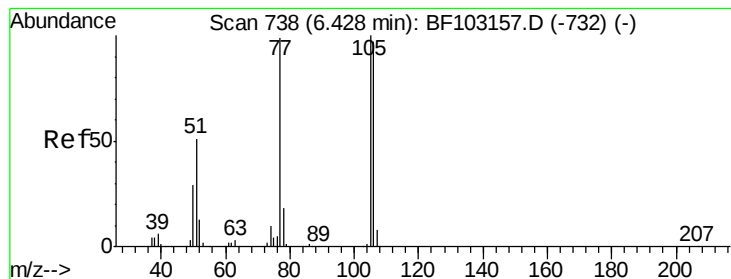


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.773 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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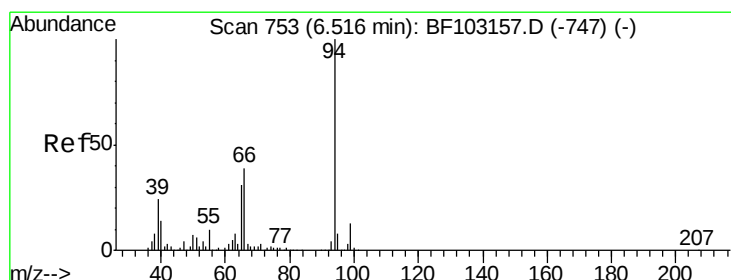
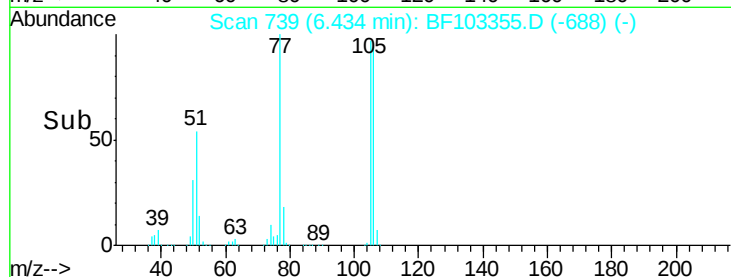
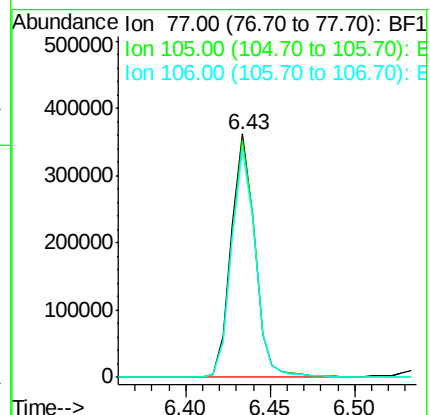
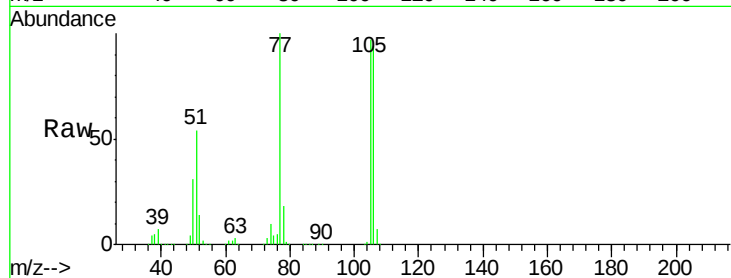
Tot Ion: 77 Resp: 352999

Ion Ratio Lower Upper

77 100

105 97.3 81.1 121.1

106 93.6 74.5 114.5



#10

Phenol

Concen: 38.524 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

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Acq: 2 Mar 2018 10:07

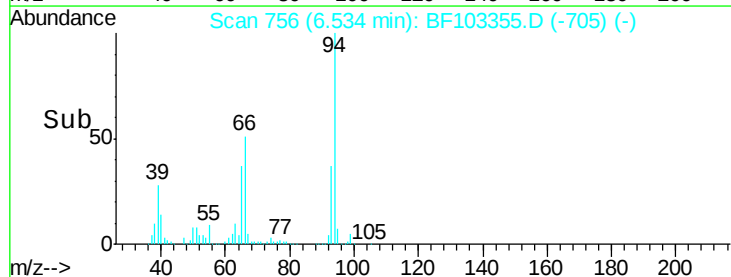
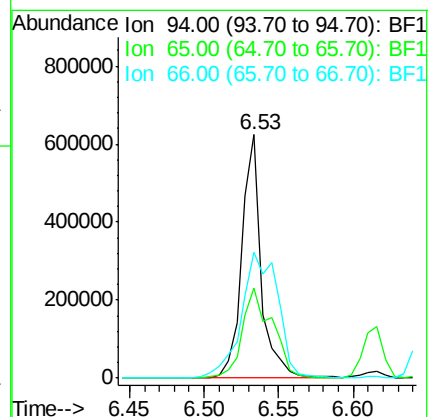
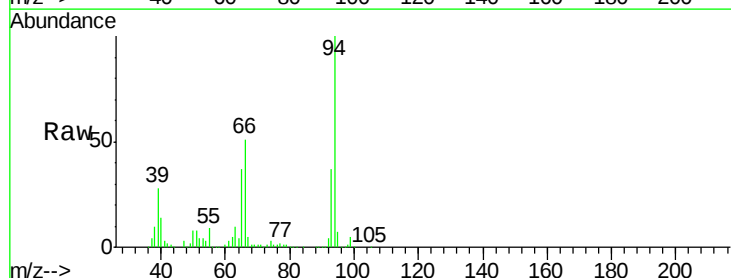
Tgt Ion: 94 Resp: 568820

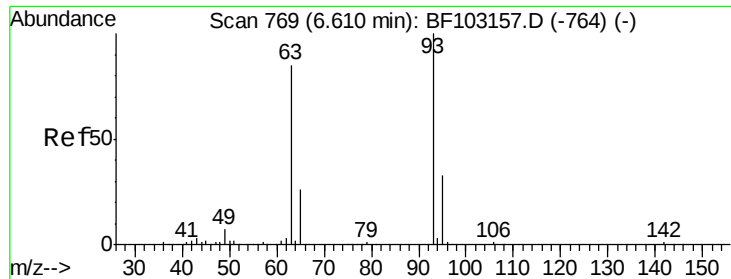
Ion Ratio Lower Upper

94 100

65 37.0 7.9 47.9

66 51.5 16.2 56.2

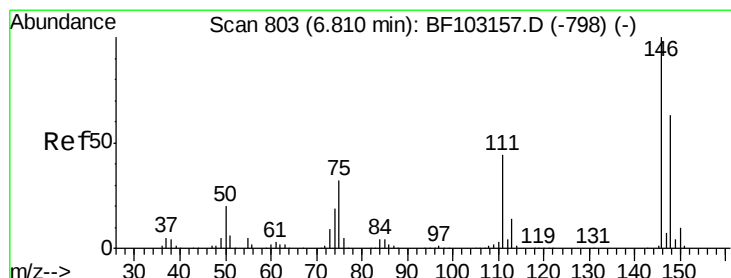
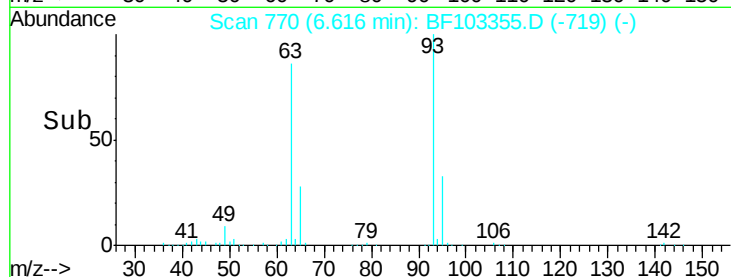
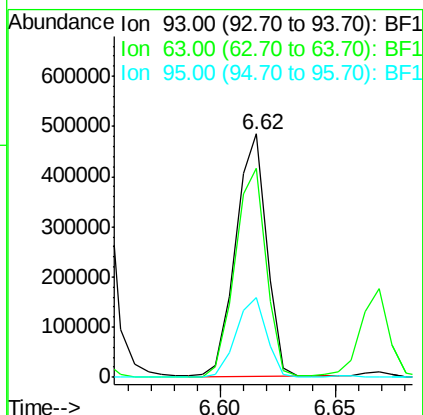
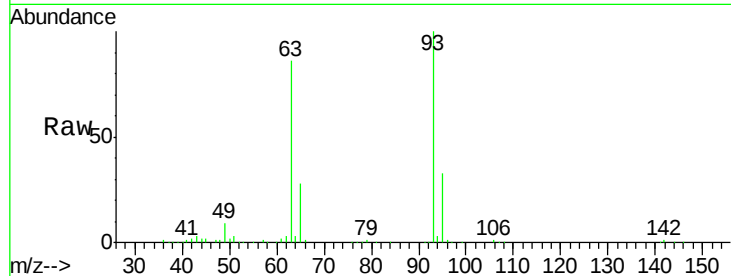




#11
 bis(2-Chloroethyl)ether
 Concen: 40.508 ng
 RT: 6.62 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

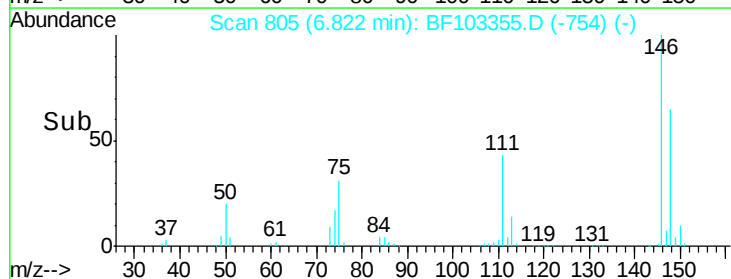
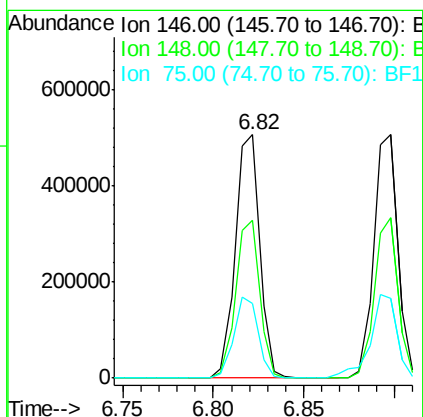
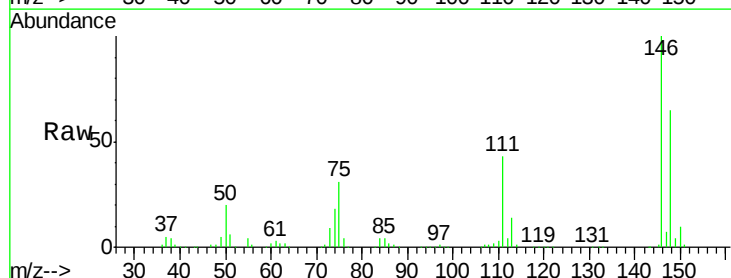
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

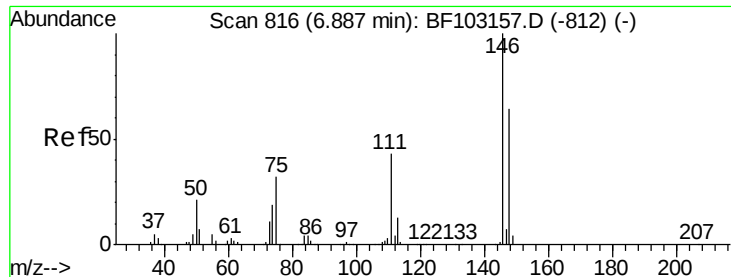
Tot Ion: 93 Resp: 453950
 Ion Ratio Lower Upper
 93 100
 63 86.0 58.6 98.6
 95 32.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.609 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion: 146 Resp: 476416
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 75 31.0 24.2 36.4

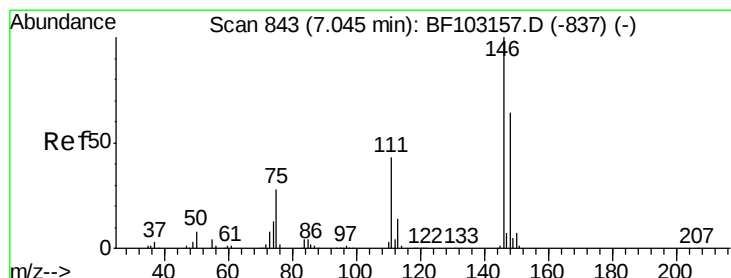
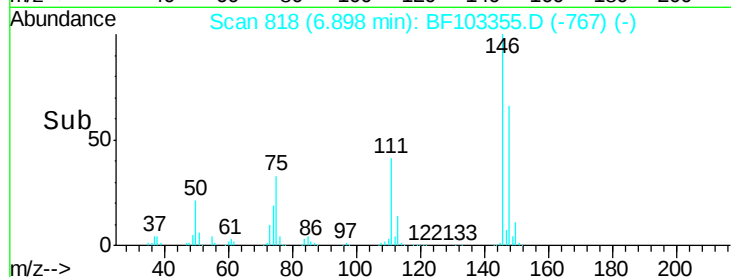
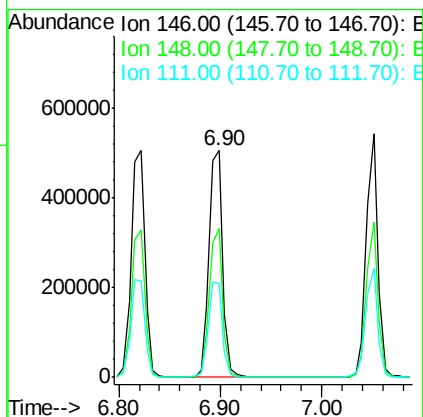
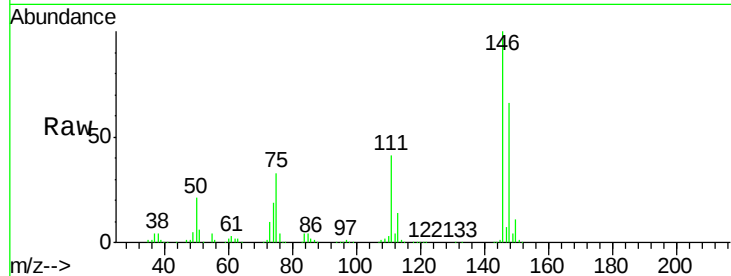




#13
 1,4-Dichlorobenzene
 Concen: 38.096 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

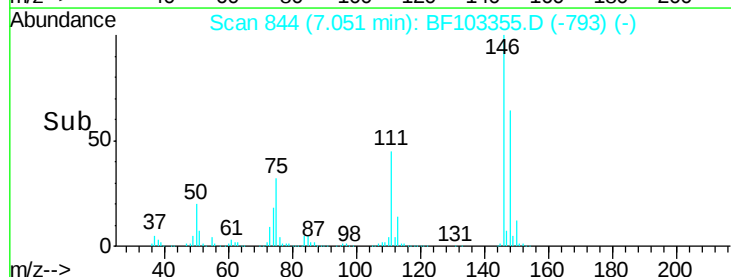
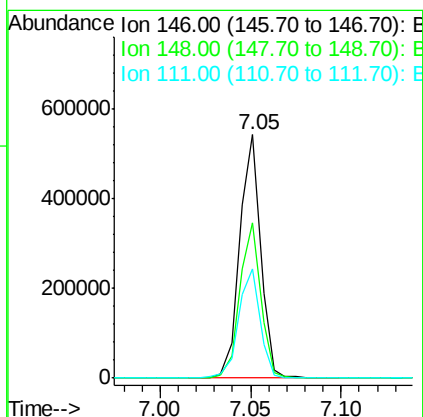
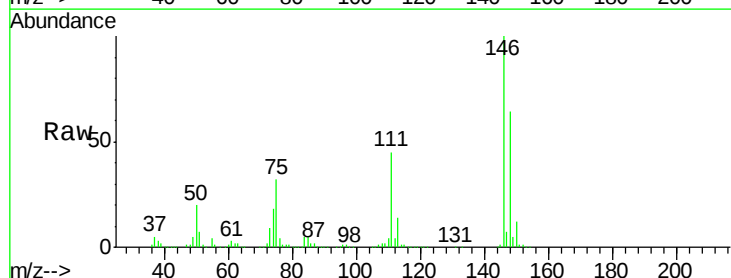
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

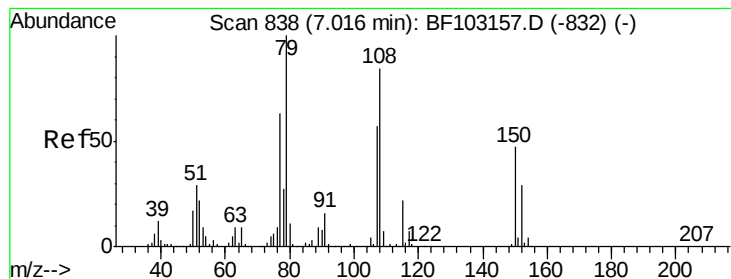
Tot Ion:146 Resp: 471294
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.293 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:146 Resp: 436822
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 44.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 39.378 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

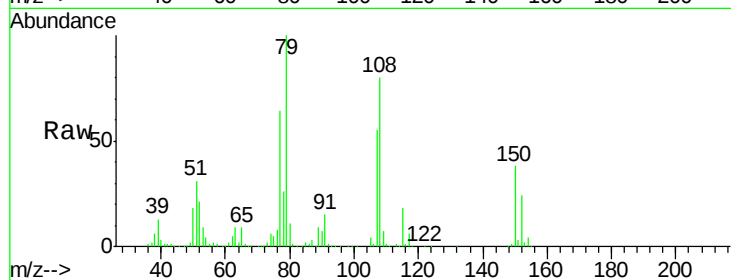
Tot Ion: 79 Resp: 377414

Ion Ratio Lower Upper

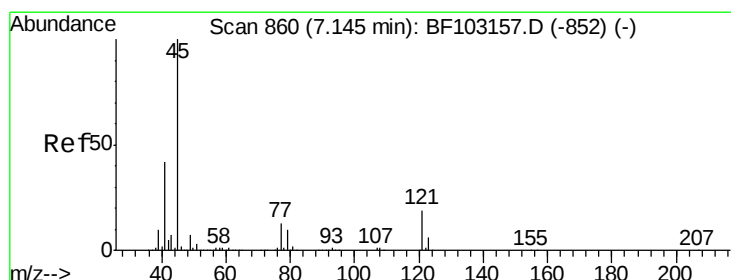
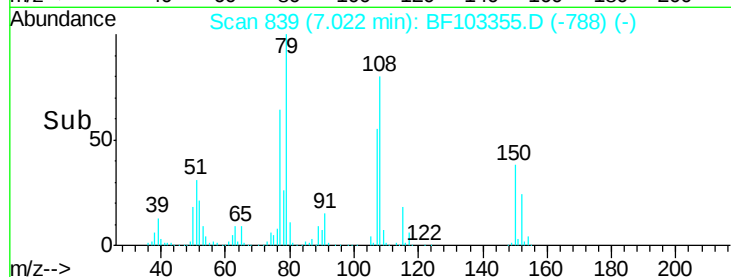
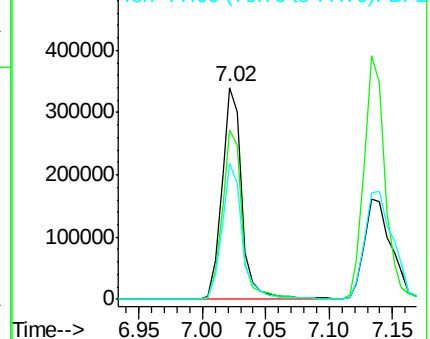
79 100

108 79.8 65.1 97.7

77 64.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.079 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

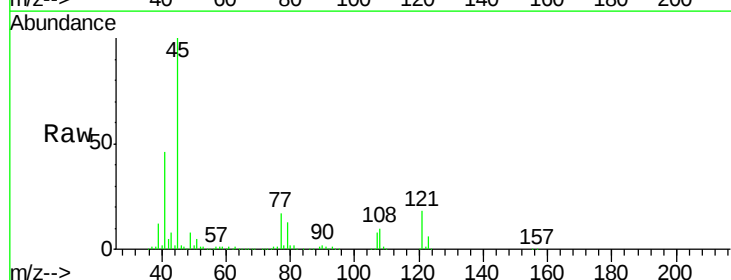
Tgt Ion: 45 Resp: 732791

Ion Ratio Lower Upper

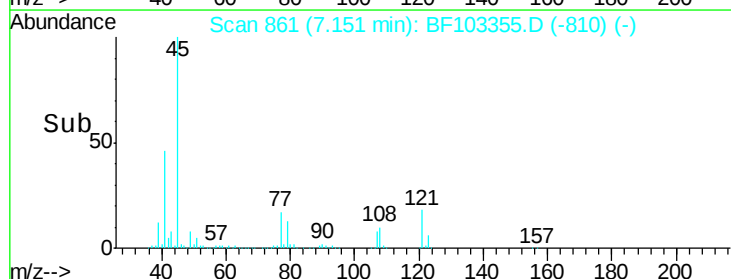
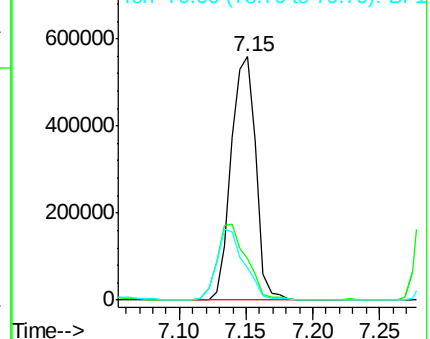
45 100

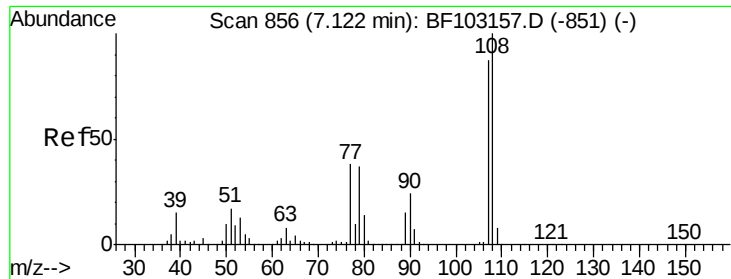
77 16.9 0.0 32.9

79 13.2 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

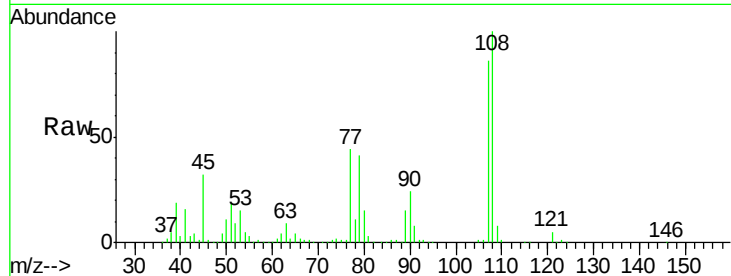




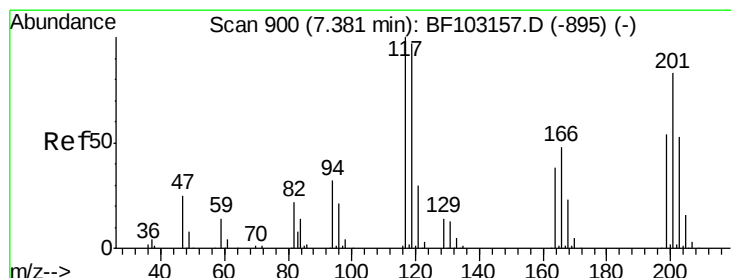
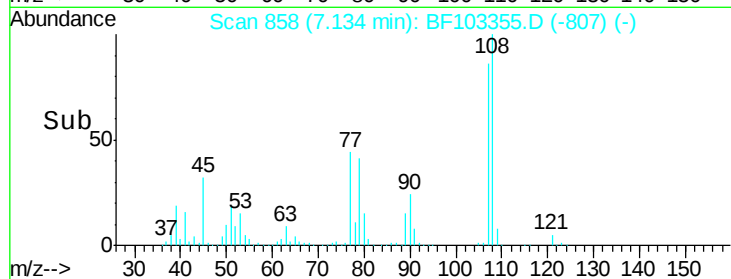
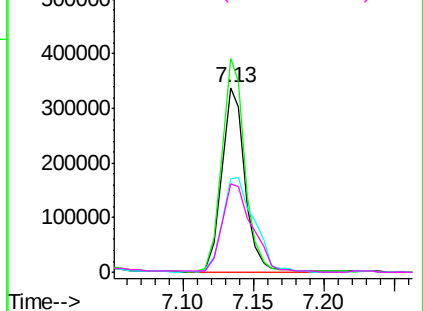
#17
2-Methylphenol
Concen: 38.842 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 381142
Ion Ratio Lower Upper
107 100
108 115.9 91.7 137.5
77 51.0 33.8 50.8#
79 47.8 33.8 50.8

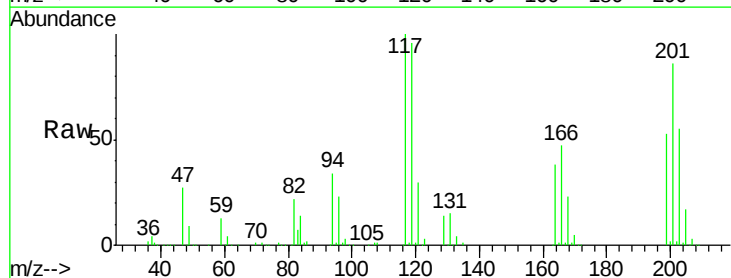


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

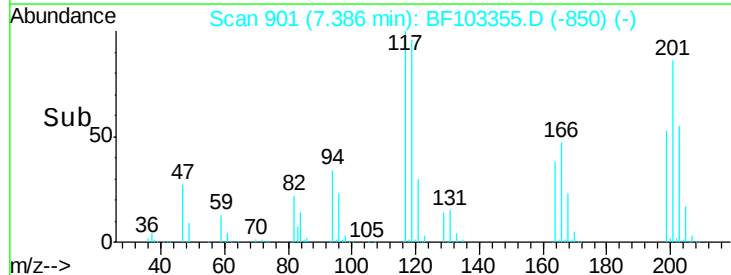
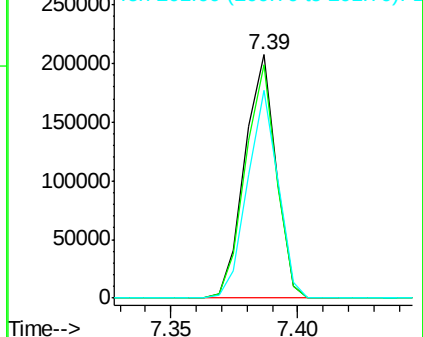


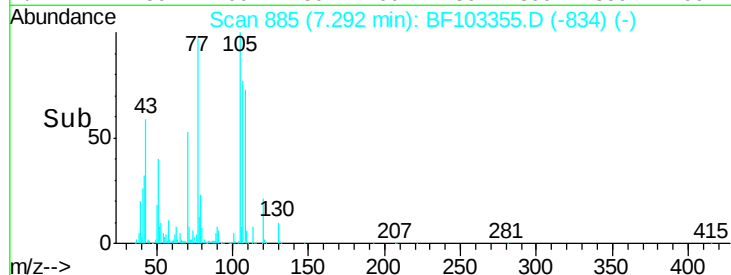
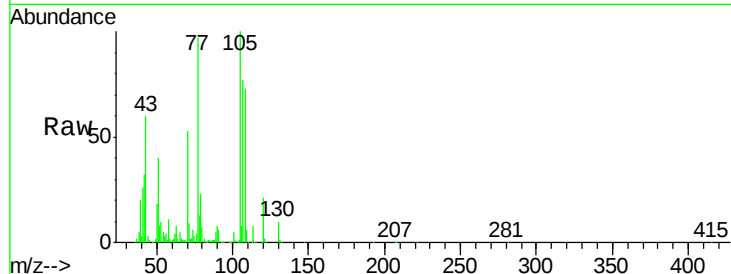
#18
Hexachloroethane
Concen: 39.678 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:117 Resp: 178695
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 85.5 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

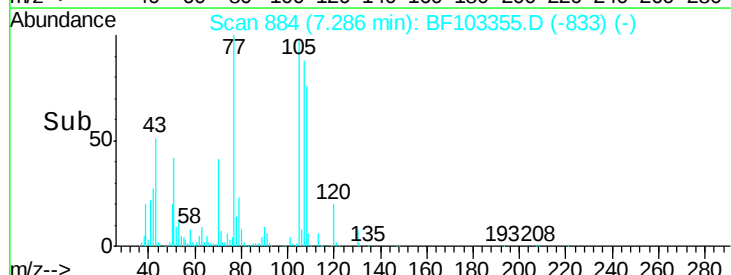
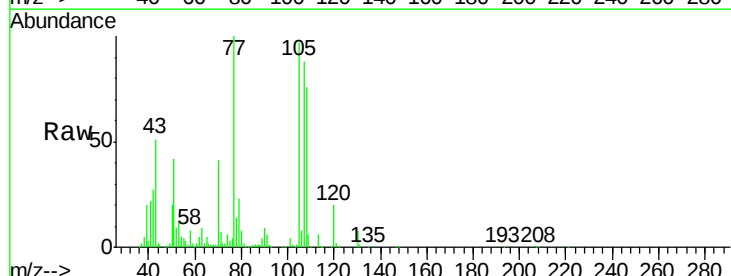
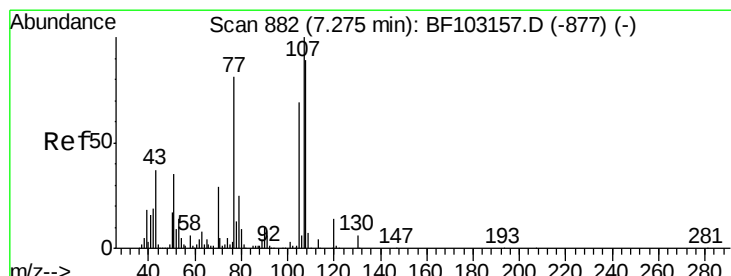
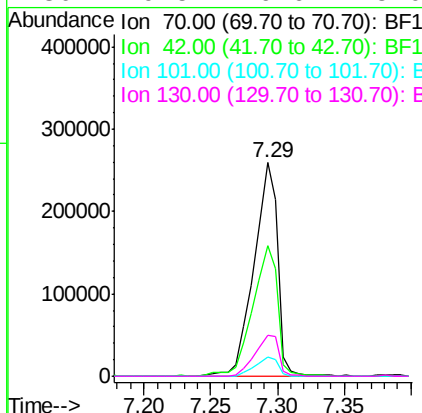




#19
n-Nitroso-di-n-propylamine
Concen: 39.780 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

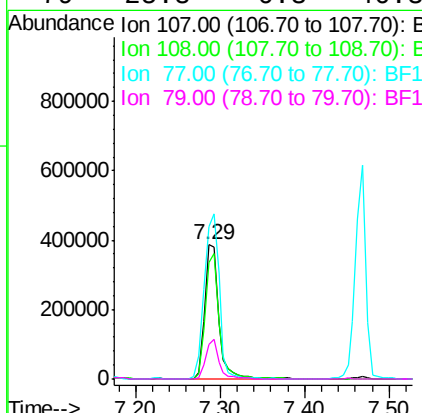
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

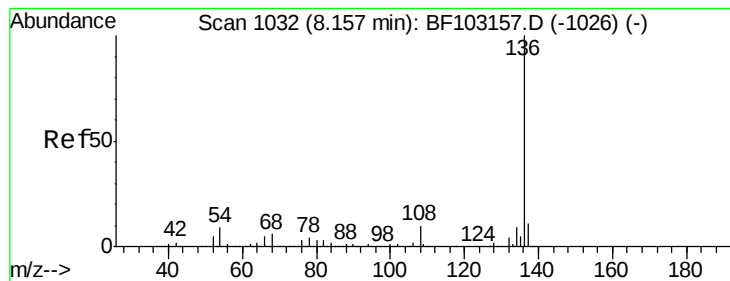
Tot Ion: 70 Resp: 314892
Ion Ratio Lower Upper
70 100
42 61.0 47.5 71.3
101 8.9 7.4 11.2
130 19.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.254 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion: 107 Resp: 445621
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 113.3 26.7 66.7#
79 25.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 686609

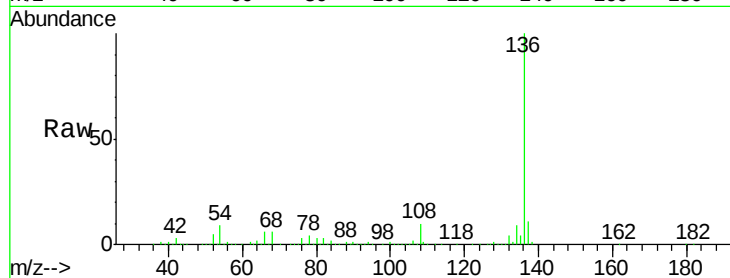
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 6.6 9.8

68 6.3 5.0 7.4

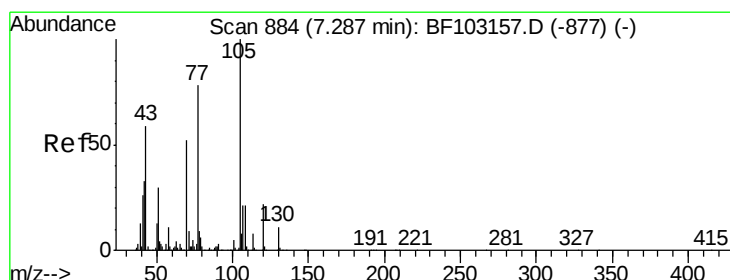
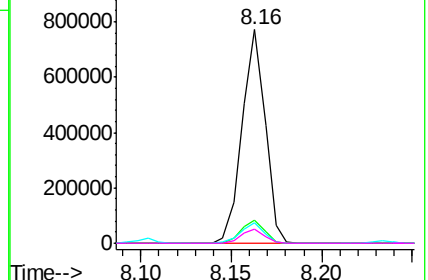
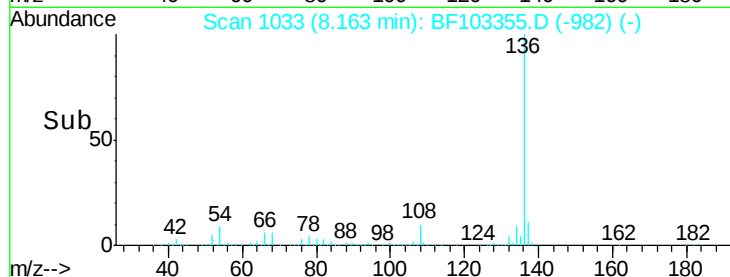


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.508 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Tgt Ion:105 Resp: 601125

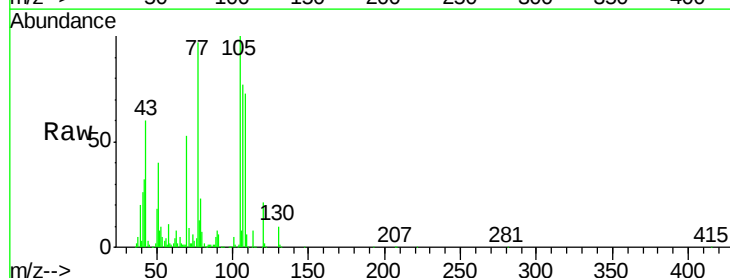
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 39.8 22.3 33.5#

120 21.2 16.9 25.3

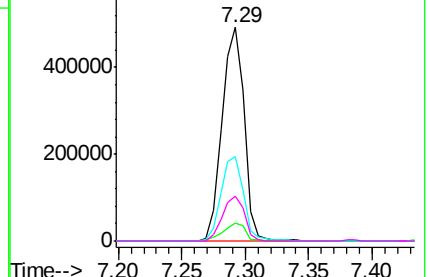
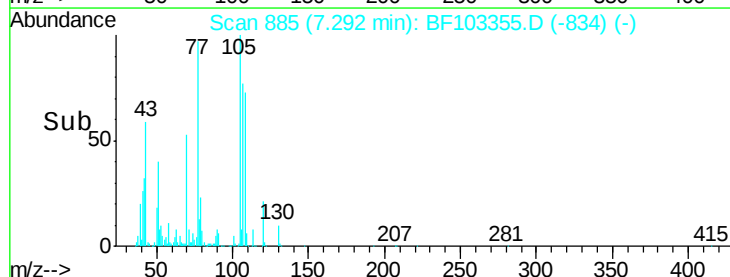


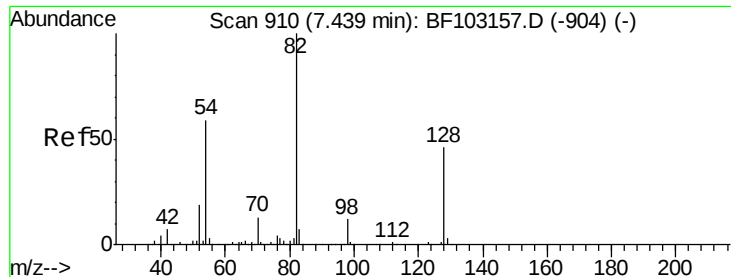
Abundance Ion 105.00 (104.70 to 105.70): E

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

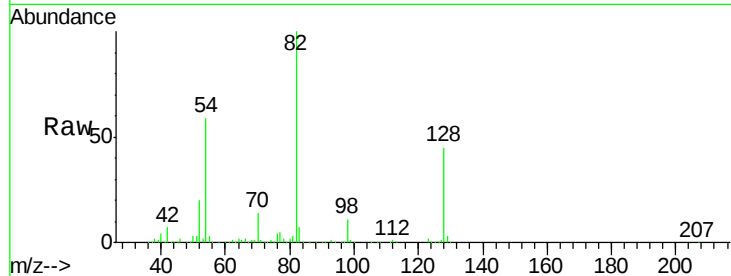




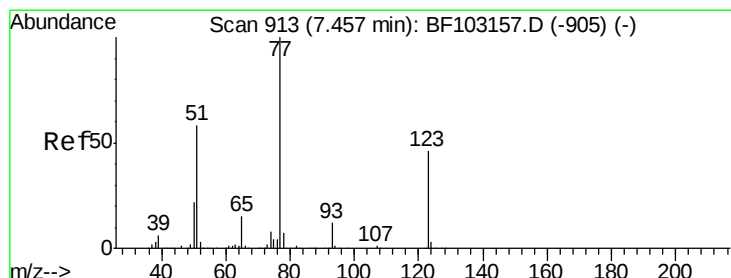
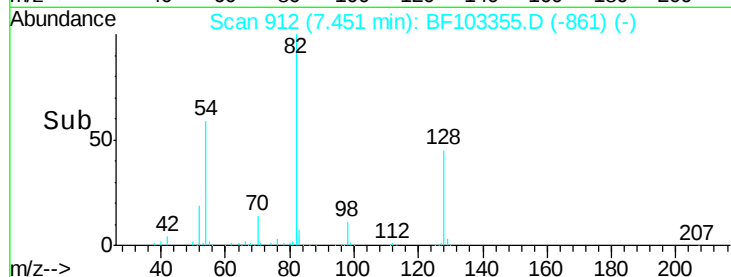
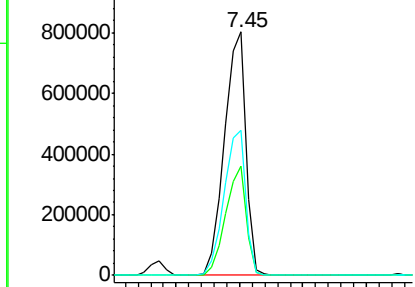
#23
Nitrobenzene-d5
Concen: 78.322 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 941658
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 59.3 41.4 62.2

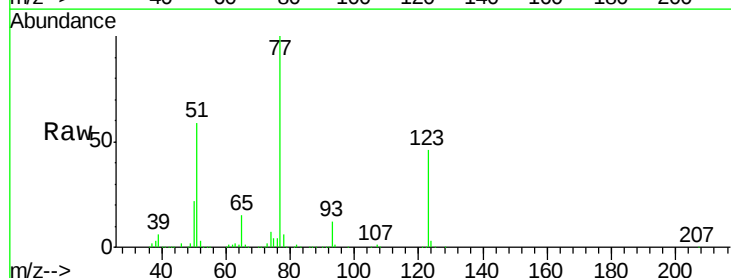


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

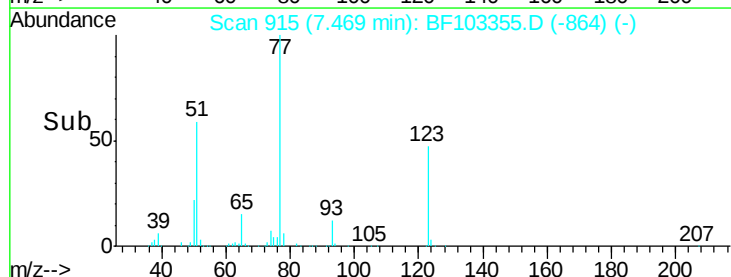
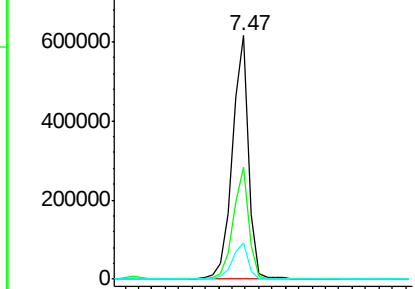


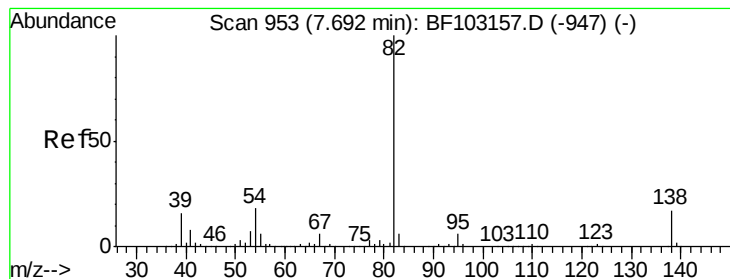
#24
Nitrobenzene
Concen: 39.391 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion: 77 Resp: 521431
Ion Ratio Lower Upper
77 100
123 46.1 37.9 56.9
65 14.9 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: 38.762 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

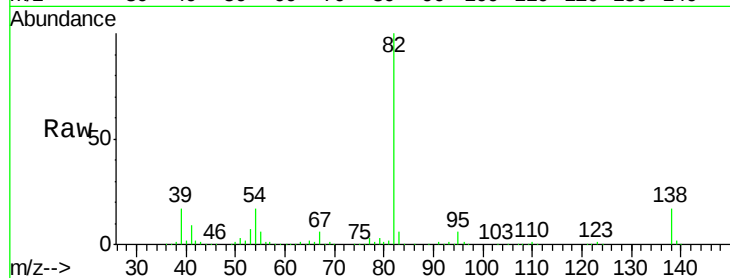
Tot Ion: 82 Resp: 917849

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

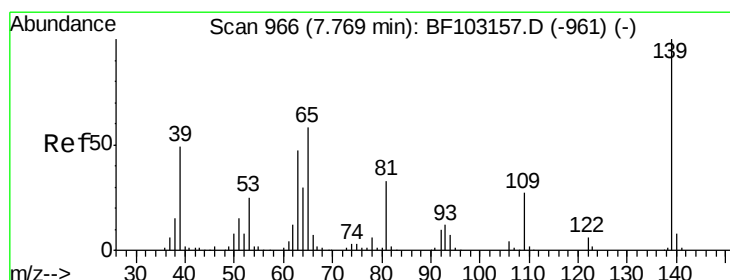
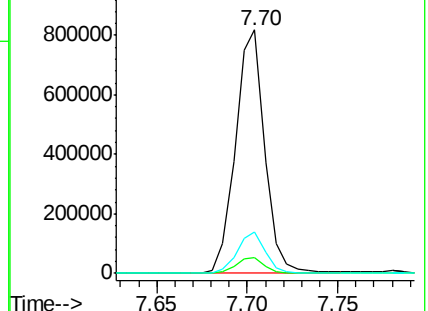
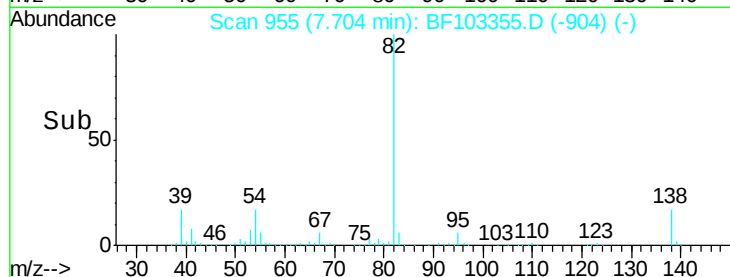
138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.521 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

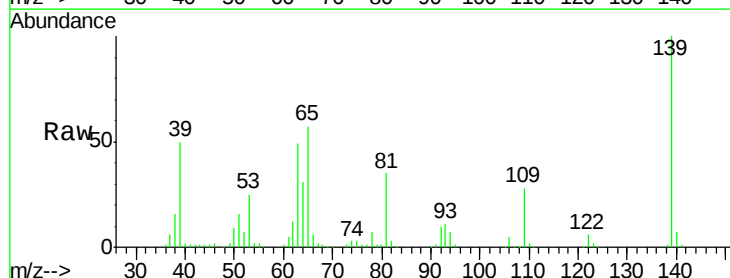
Tgt Ion: 139 Resp: 252510

Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

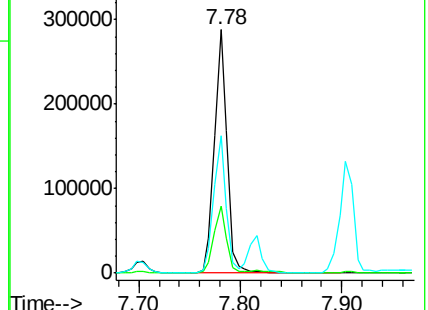
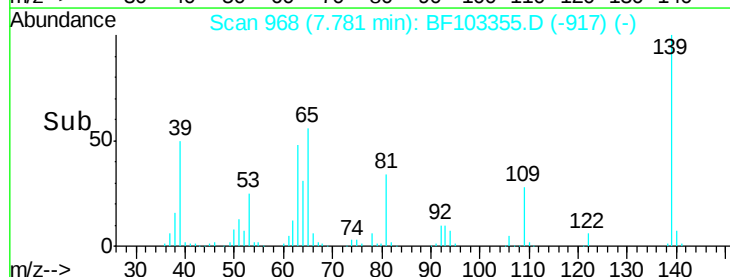
65 56.6 40.5 60.7

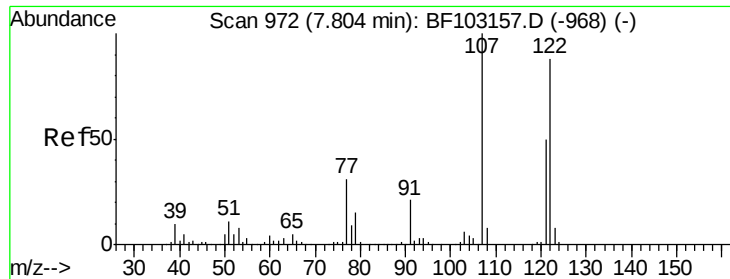


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.997 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

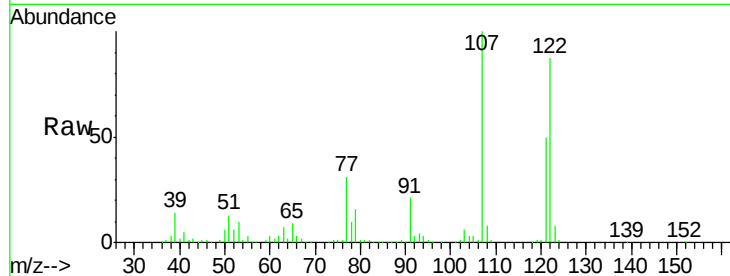
Tot Ion:122 Resp: 352403

Ion Ratio Lower Upper

122 100

107 114.8 91.2 136.8

121 57.0 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

600000

400000

300000

200000

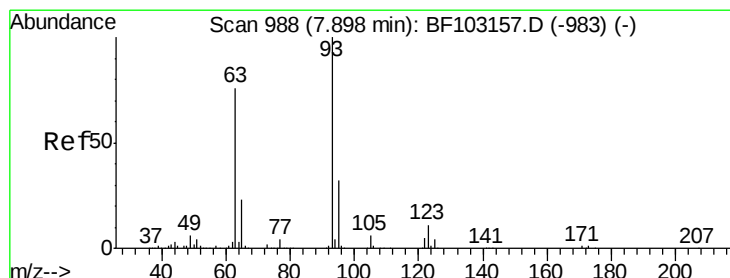
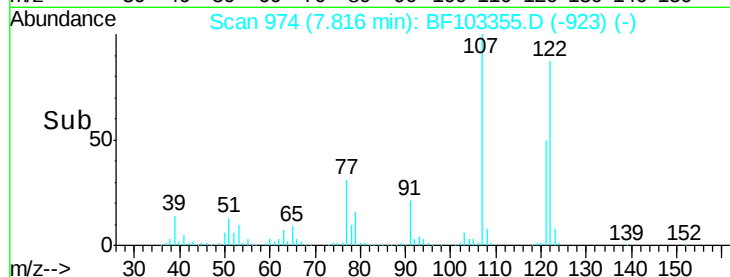
100000

0

7.82

7.75 7.80 7.85 7.90

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 38.681 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

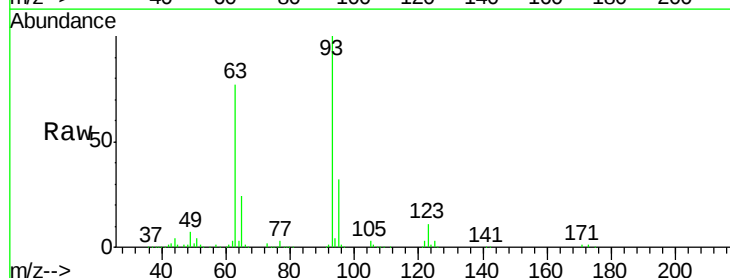
Tgt Ion: 93 Resp: 538515

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 11.0 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

600000

400000

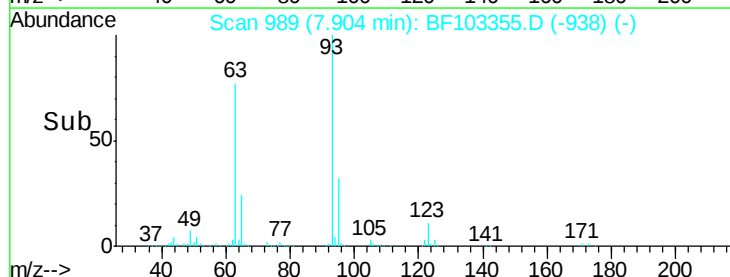
200000

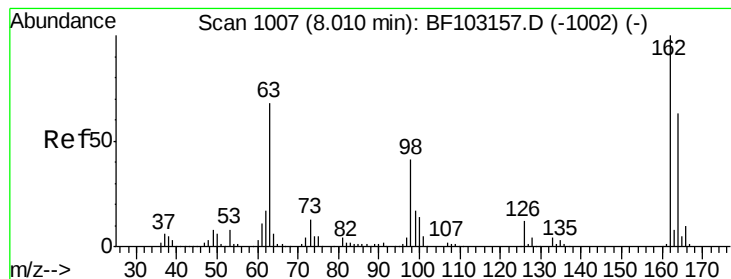
0

7.90

7.85 7.90 7.95 8.00

Time-->





#29

2,4-Dichlorophenol

Concen: 39.574 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

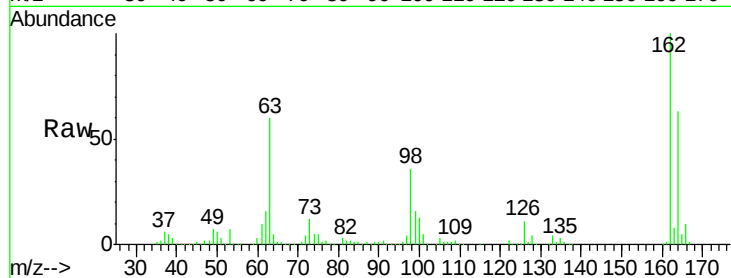
Tot Ion:162 Resp: 360898

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

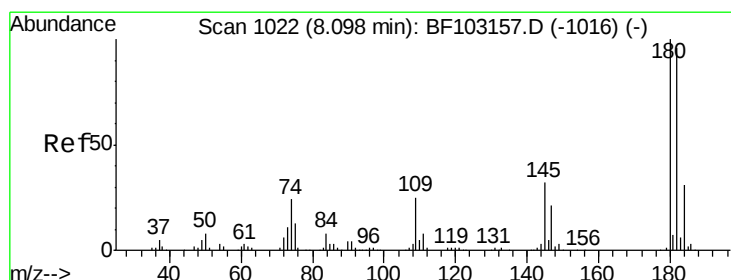
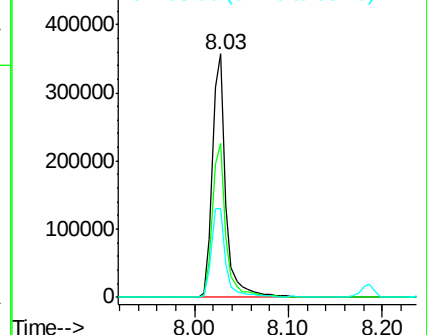
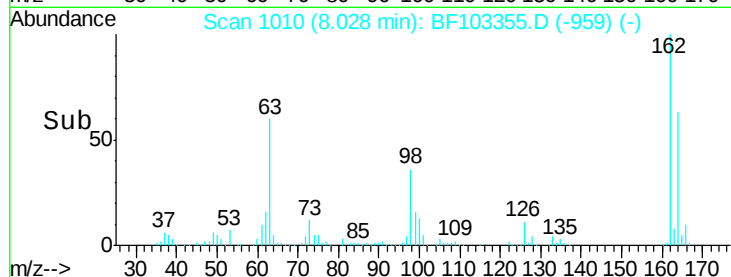
98 36.3 18.1 58.1



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: 37.271 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

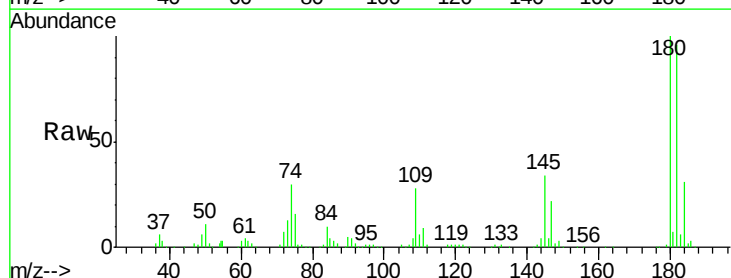
Tgt Ion:180 Resp: 361953

Ion Ratio Lower Upper

180 100

182 96.4 76.8 115.2

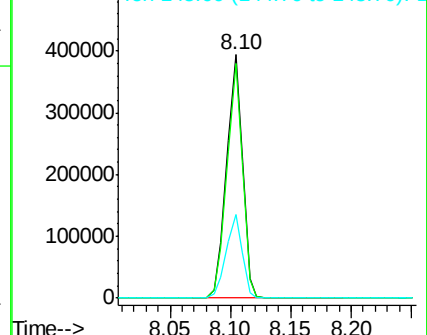
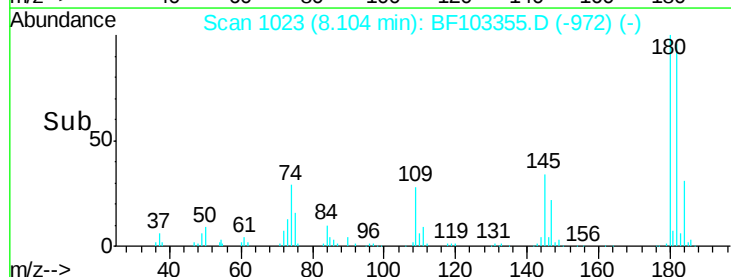
145 34.2 26.5 39.7

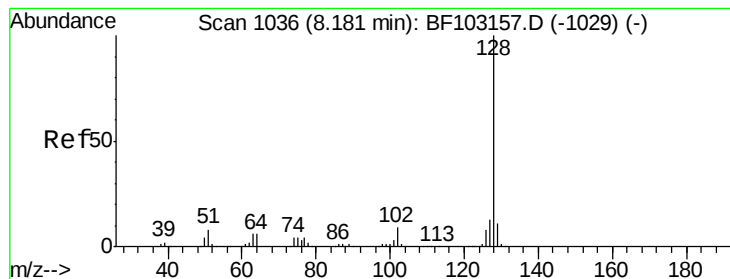


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.093 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

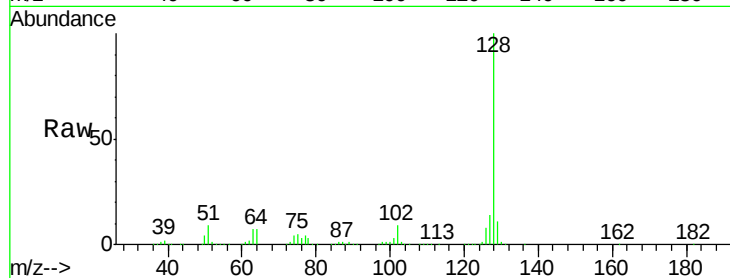
Tot Ion:128 Resp: 1246890

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

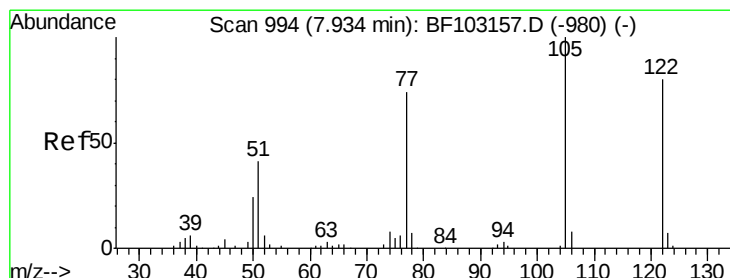
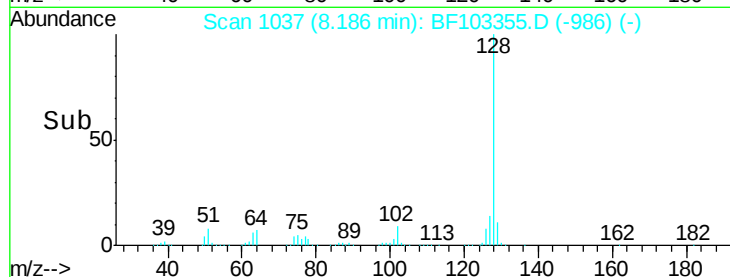
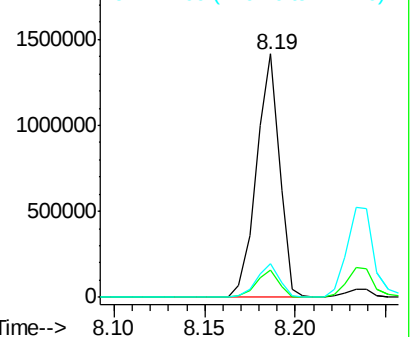
127 13.7 10.9 16.3



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: 37.964 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

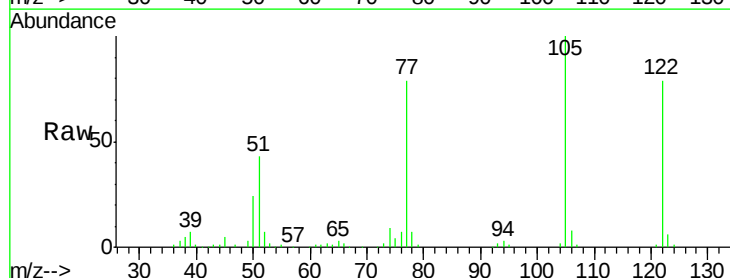
Tgt Ion:122 Resp: 256345

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

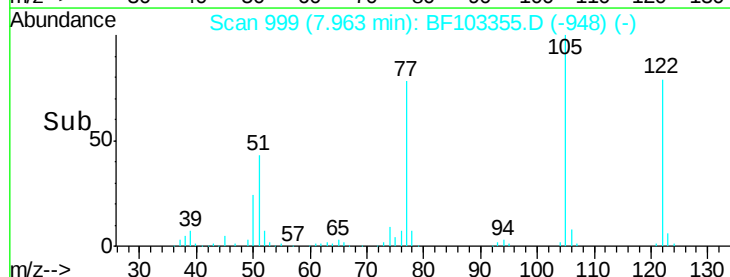
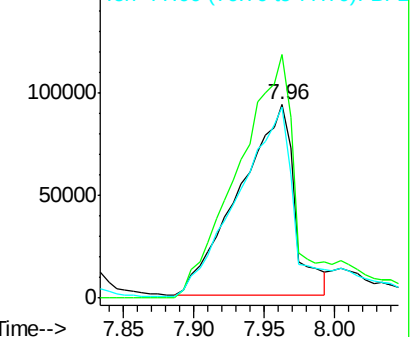
77 99.1 70.7 110.7

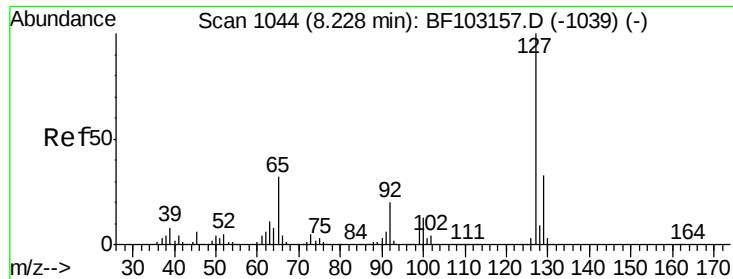


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

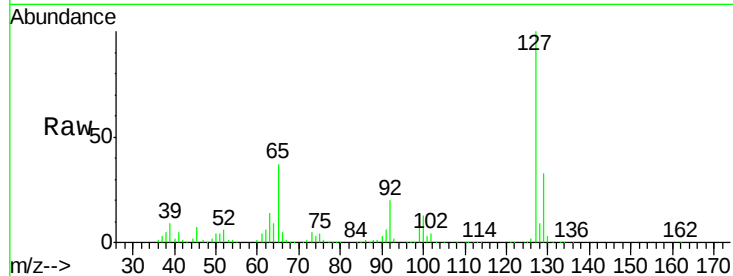




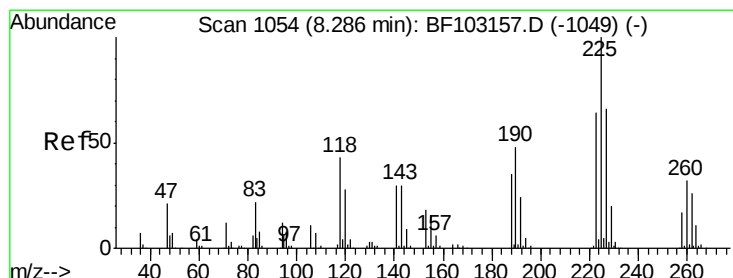
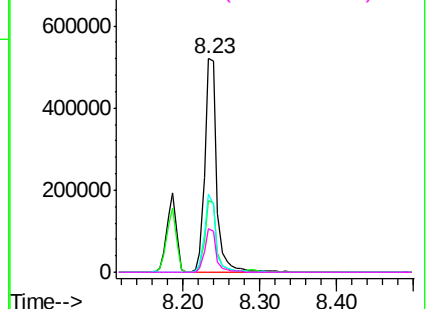
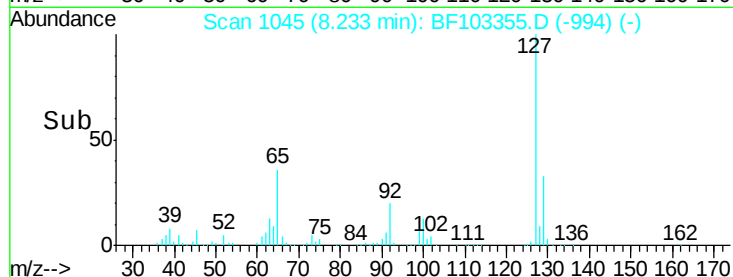
#33
4-Chloroaniline
Concen: 38.842 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	563423
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	36.7	25.0	37.4
92	20.2	15.2	22.8

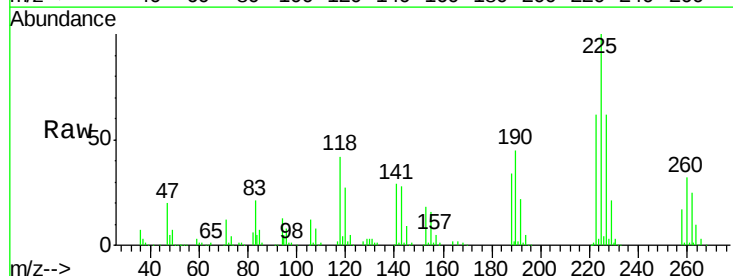


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

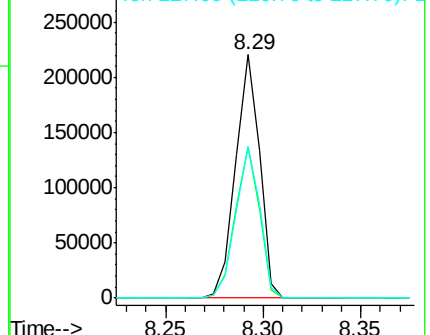
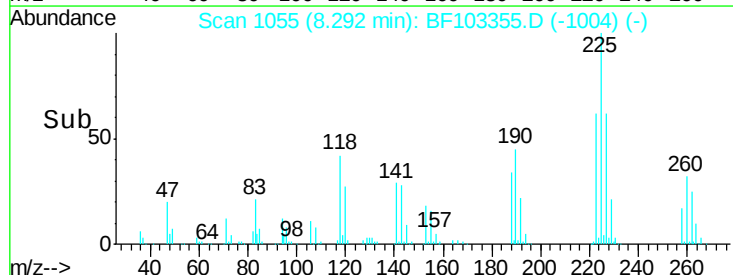


#34
Hexachlorobutadiene
Concen: 37.481 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:	225	Resp:	189542
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.3	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: 40.644 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

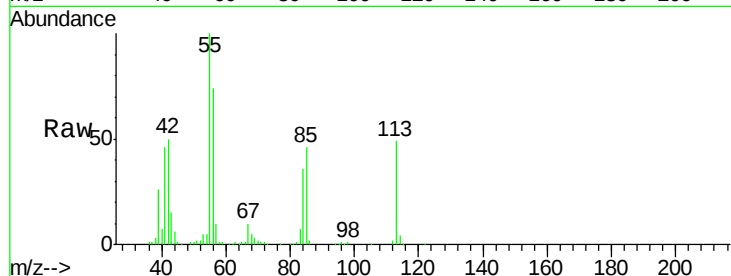
Tot Ion:113 Resp: 130268

Ion Ratio Lower Upper

113 100

55 205.2 163.3 203.3#

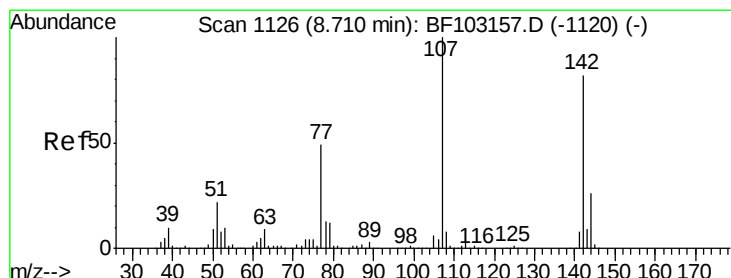
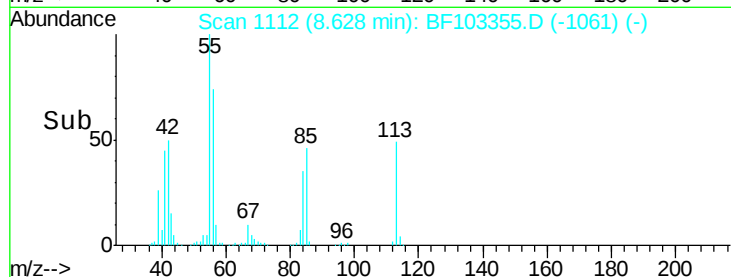
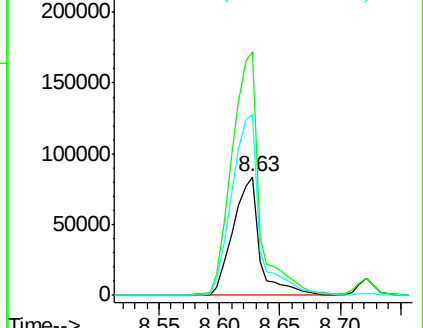
56 152.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.406 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

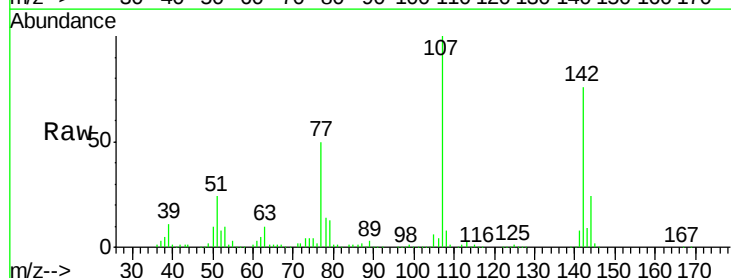
Tgt Ion:107 Resp: 405329

Ion Ratio Lower Upper

107 100

144 24.4 20.5 30.7

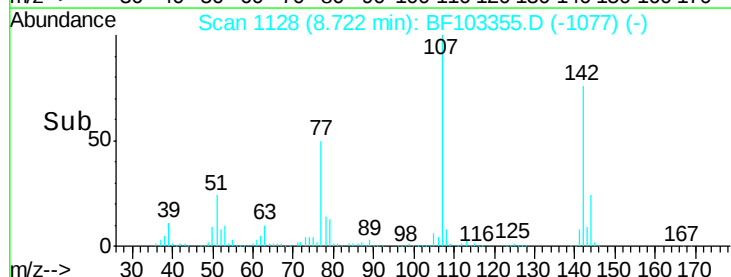
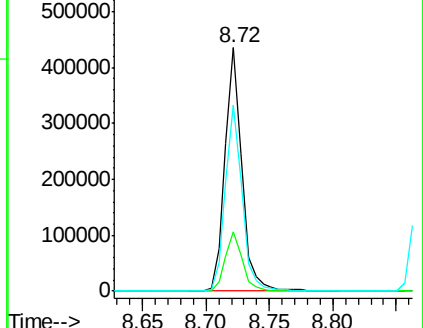
142 76.3 62.0 93.0

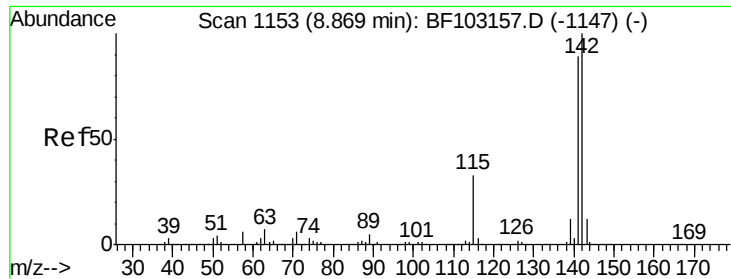


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

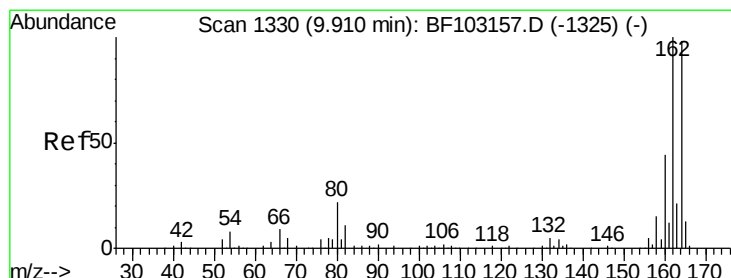
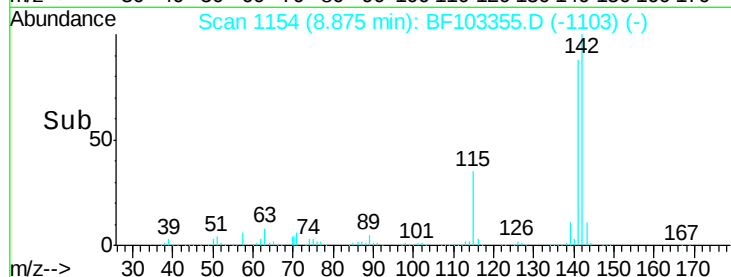
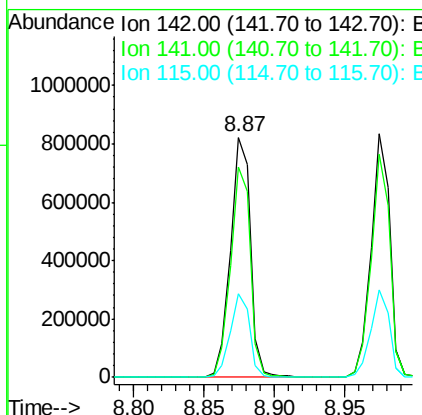
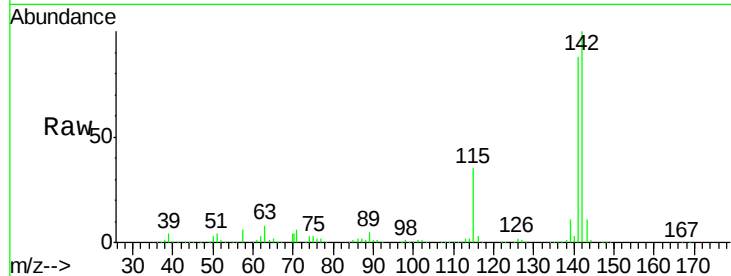




#37
2-Methylnaphthalene
Concen: 37.378 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

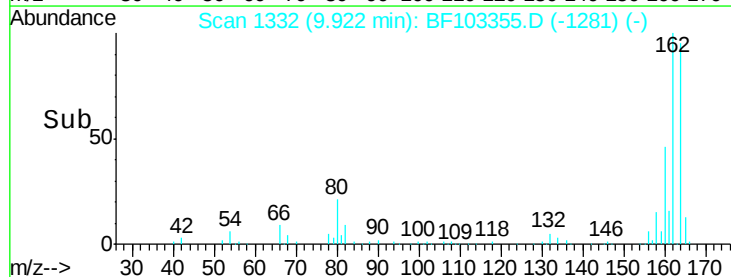
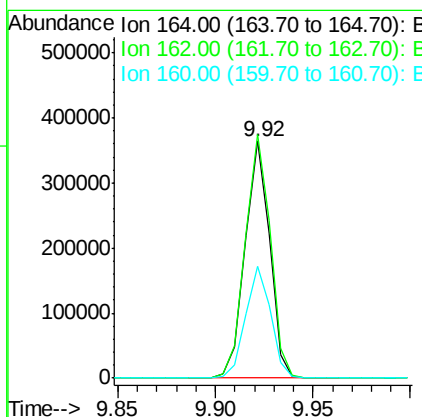
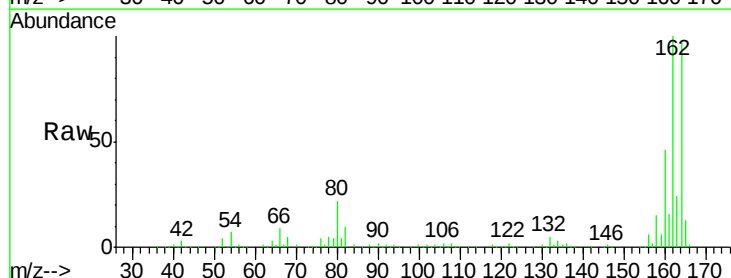
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

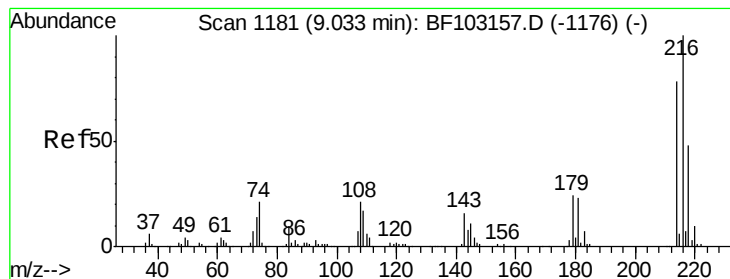
Tot Ion:142 Resp: 812020
Ion Ratio Lower Upper
142 100
141 87.7 70.8 106.2
115 34.9 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:164 Resp: 318036
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 46.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.151 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 323009

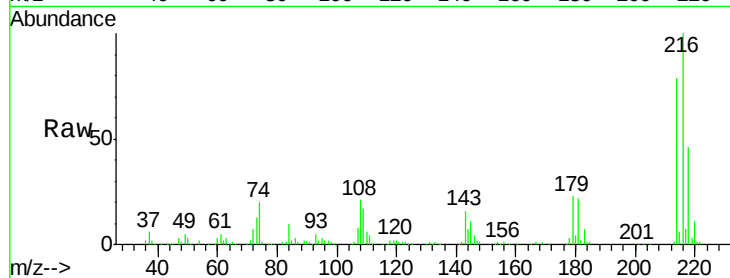
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 23.4 18.1 27.1

108 23.7 17.2 25.8

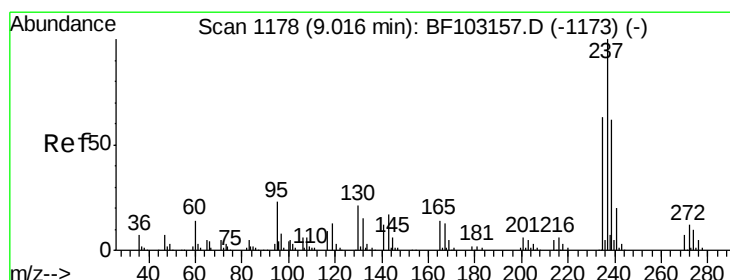
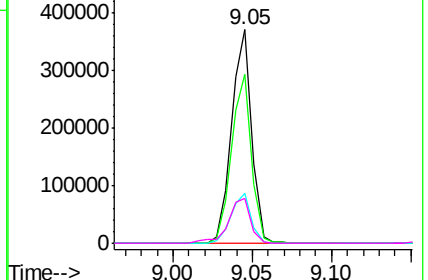
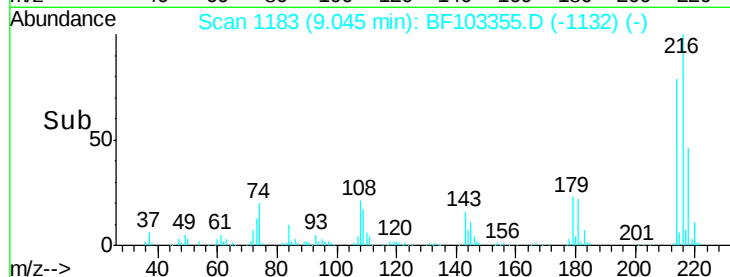


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.088 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

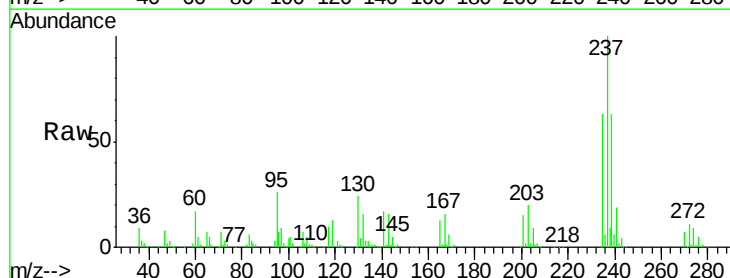
Tgt Ion:237 Resp: 104131

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

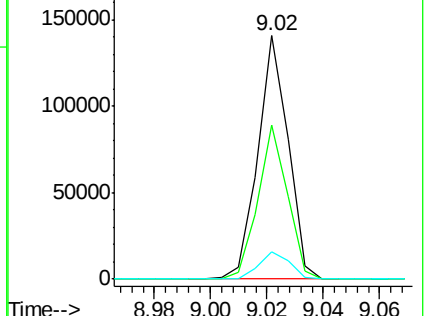
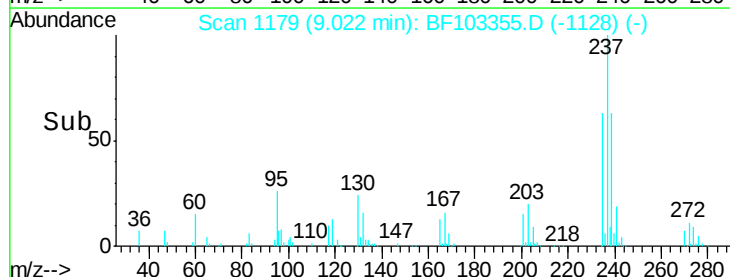
272 11.4 0.0 33.3

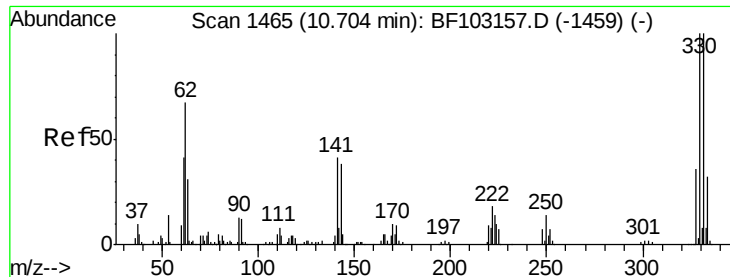


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

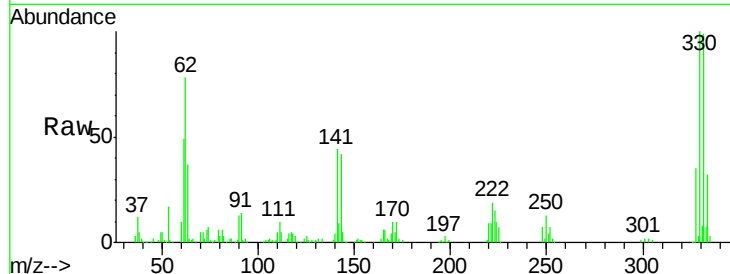




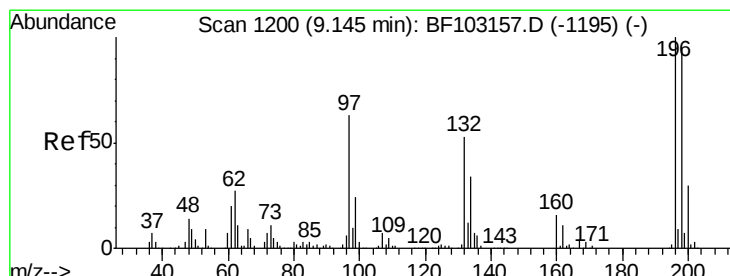
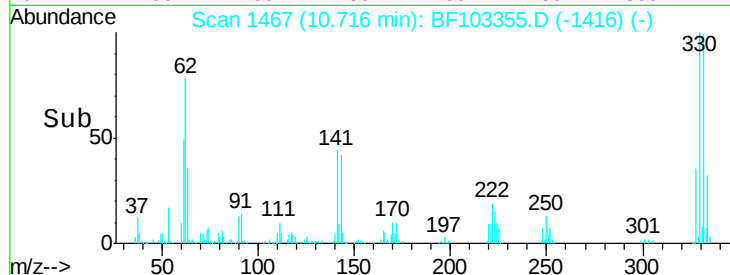
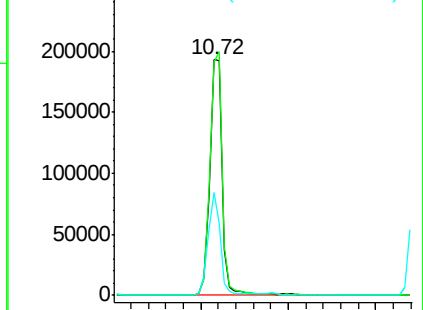
#41
 2,4,6-Tribromophenol
 Concen: 71.978 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 193766
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 42.4 29.9 44.9

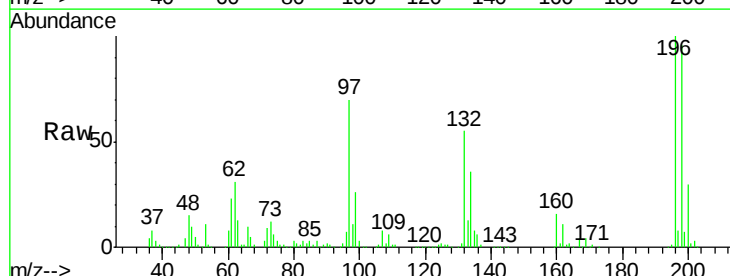


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

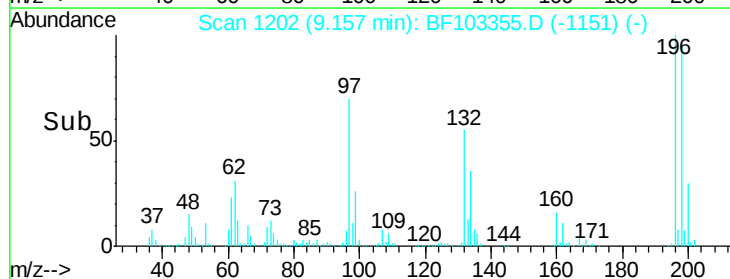
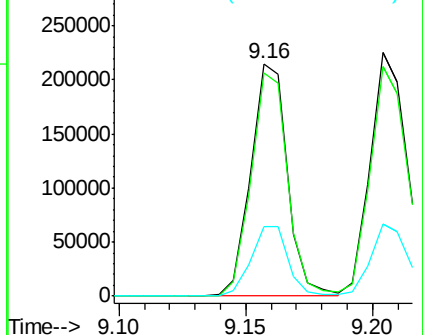


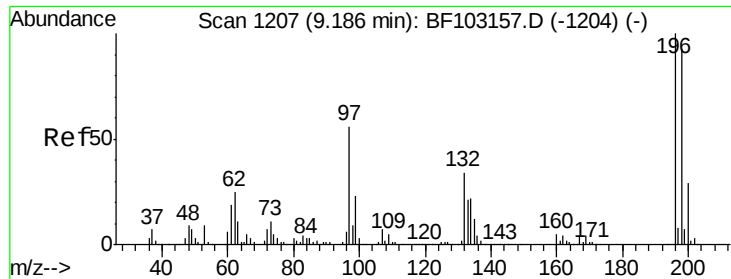
#42
 2,4,6-Trichlorophenol
 Concen: 37.042 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:196 Resp: 216706
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 29.9 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

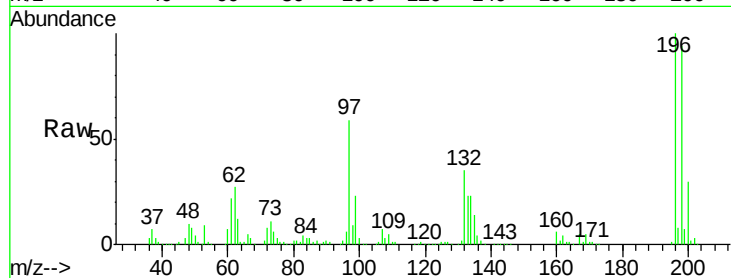




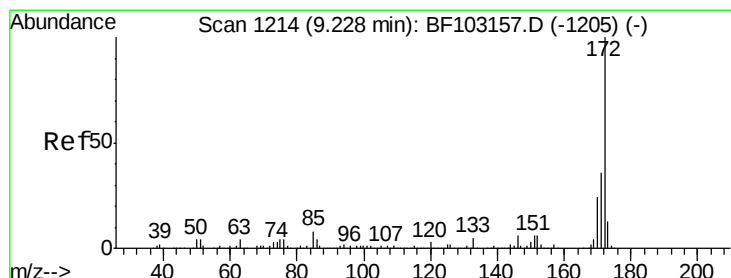
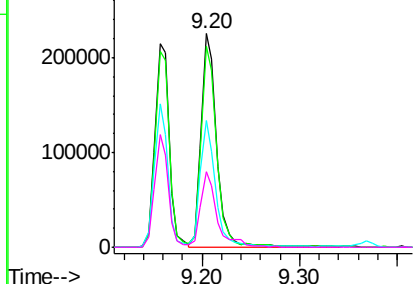
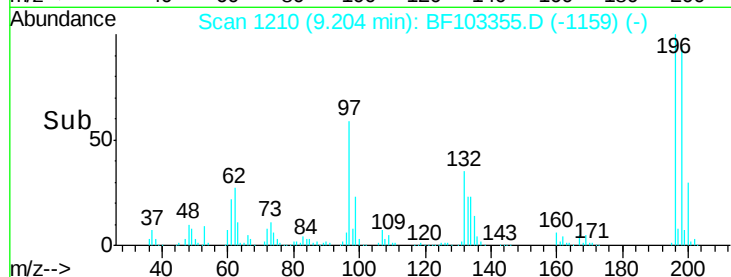
#43
 2,4,5-Trichlorophenol
 Concen: 36.930 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 248490
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 59.3 42.9 64.3
 132 35.5 26.3 39.5

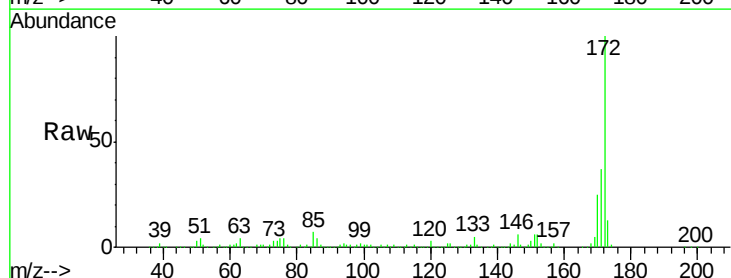


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

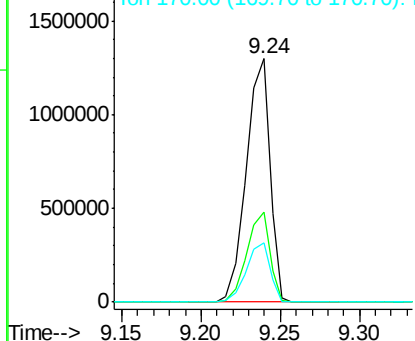
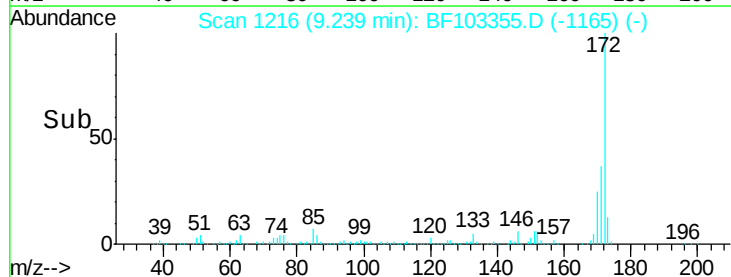


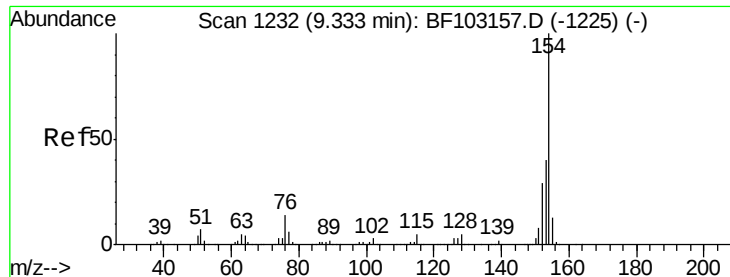
#44
 2-Fluorobiphenyl
 Concen: 69.786 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:172 Resp: 1345152
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.6 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

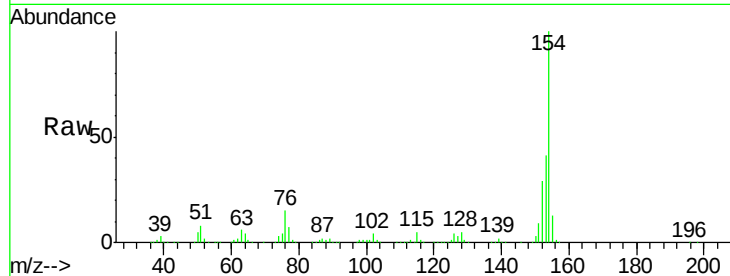




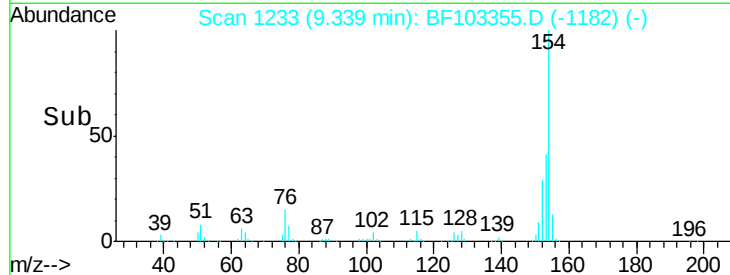
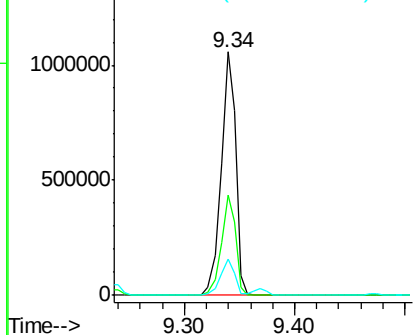
#45
 1,1'-Biphenyl
 Concen: 36.351 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	15.1	0.0	34.0

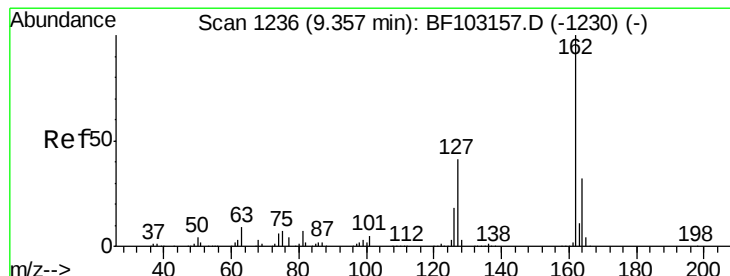


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

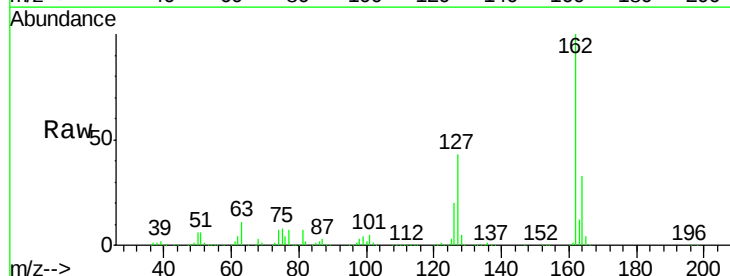
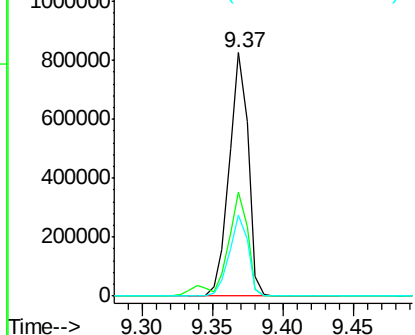


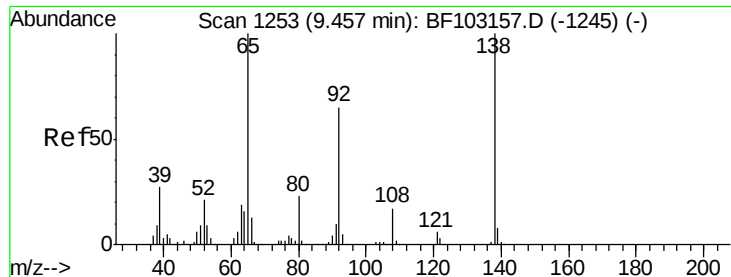
#46
 2-Chloronaphthalene
 Concen: 36.734 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.9	50.9
164	33.2	26.5	39.7



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

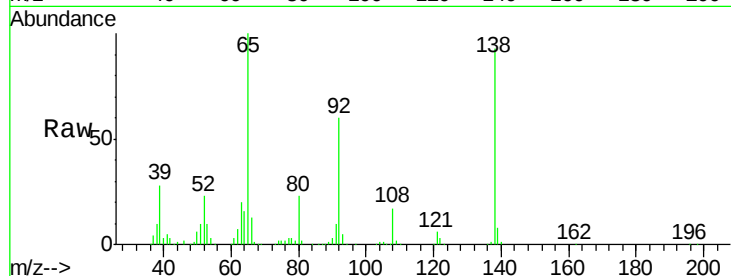




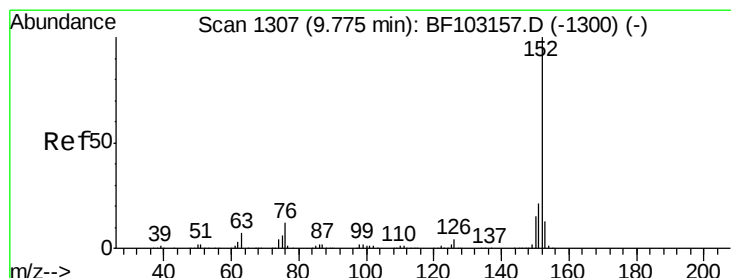
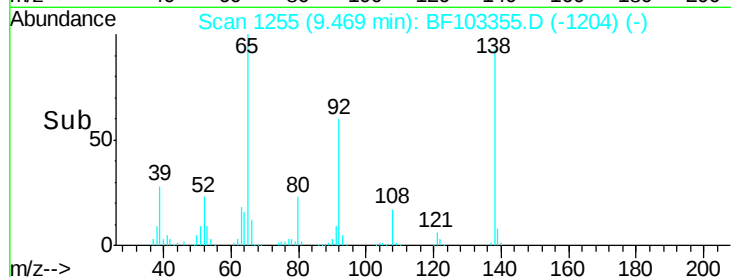
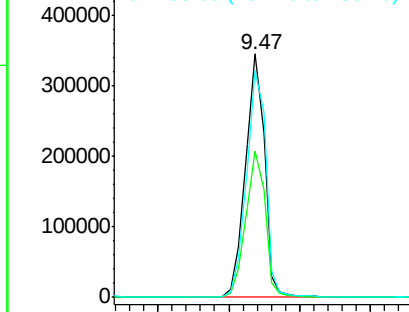
#47
2-Nitroaniline
Concen: 42.042 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 328342
Ion Ratio Lower Upper
65 100
92 60.2 55.8 83.6
138 93.1 91.2 136.8

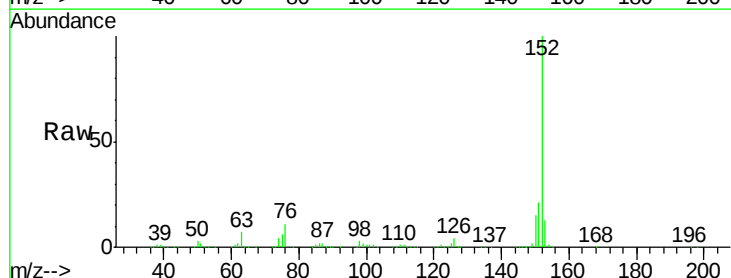


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

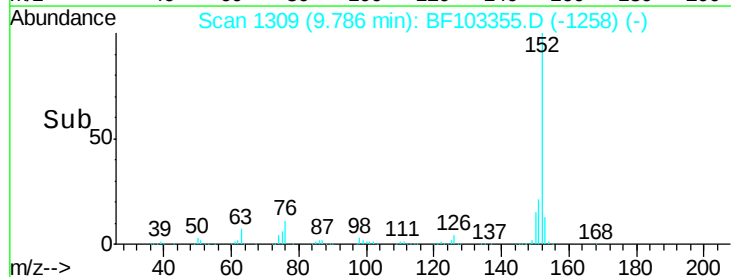
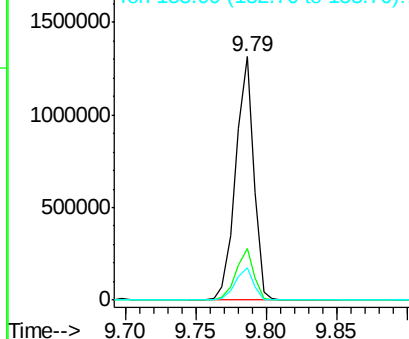


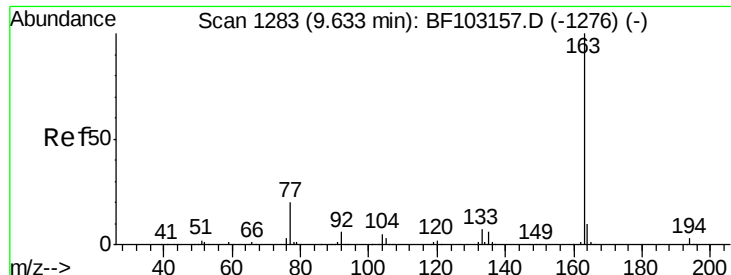
#48
Acenaphthylene
Concen: 36.102 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion: 152 Resp: 1171125
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

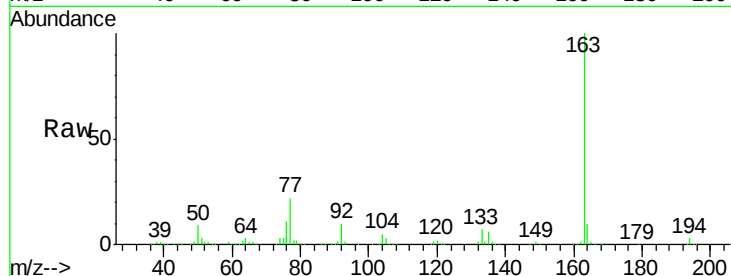




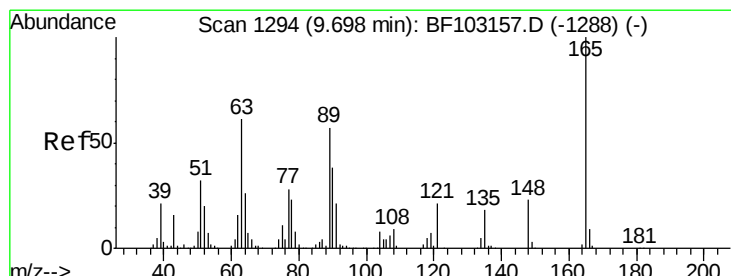
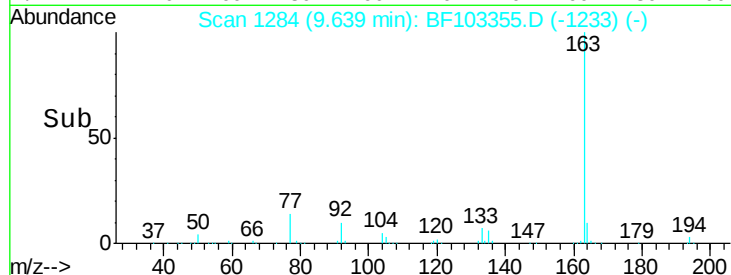
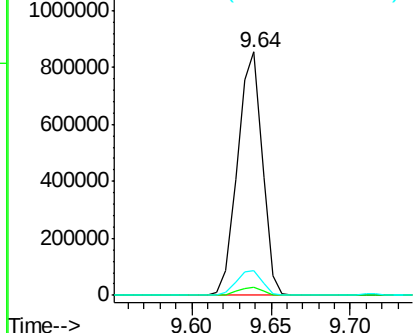
#49
 Dimethylphthalate
 Concen: 36.135 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:163 Resp: 921919
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 10.0 8.2 12.2

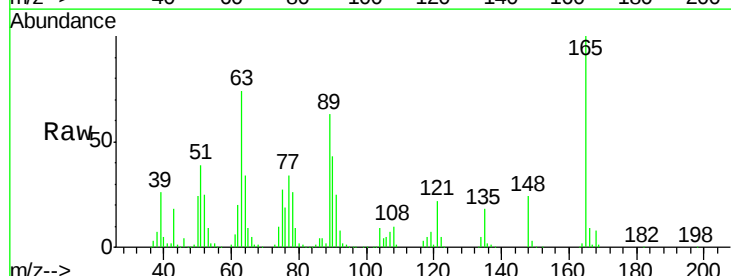


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

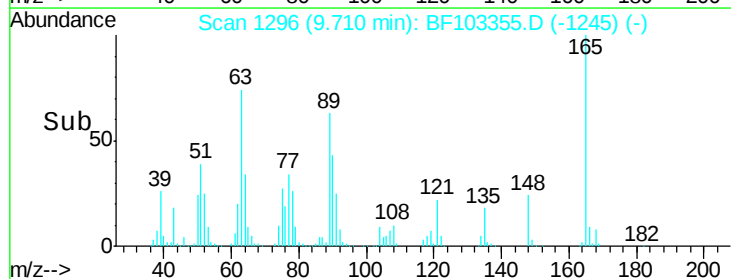
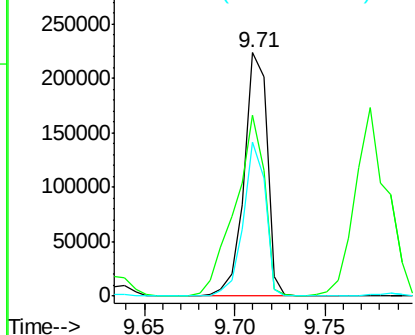


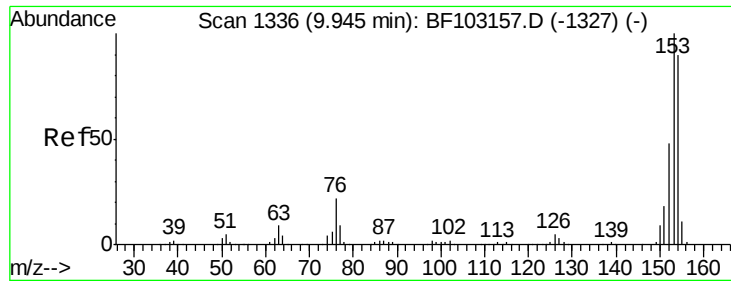
#50
 2,6-Dinitrotoluene
 Concen: 36.715 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:165 Resp: 196573
 Ion Ratio Lower Upper
 165 100
 63 74.4 44.7 67.1#
 89 63.2 44.0 66.0



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





#51

Acenaphthene

Concen: 35.945 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

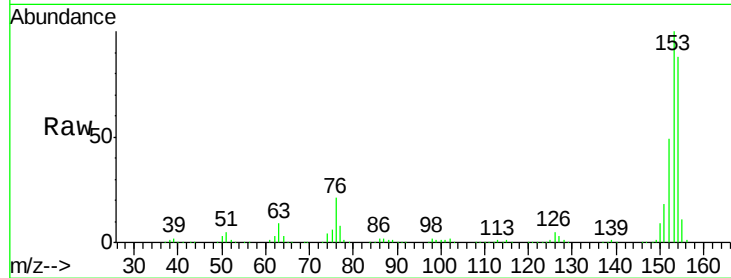
Tot Ion:154 Resp: 679931

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

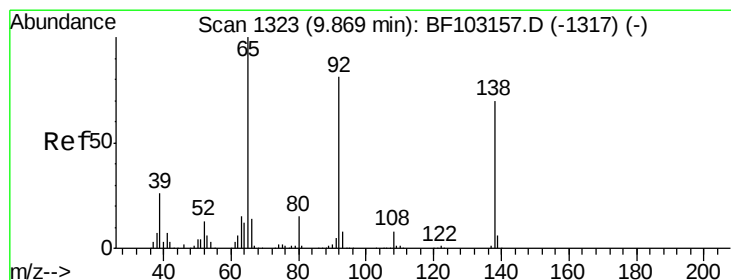
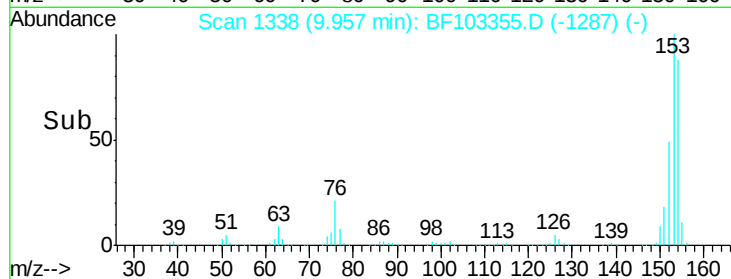
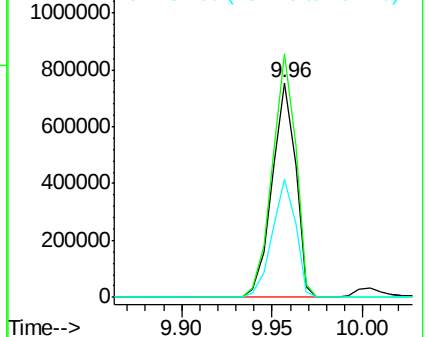
152 55.2 43.8 65.8



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: 38.165 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

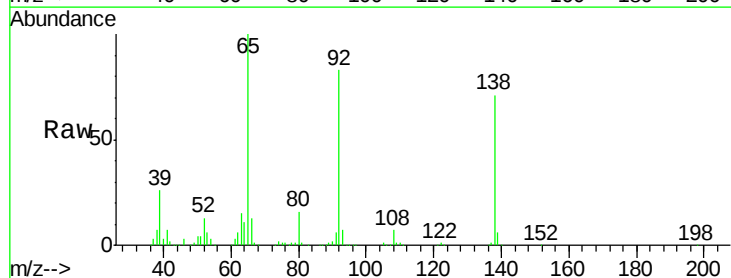
Tgt Ion:138 Resp: 259251

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

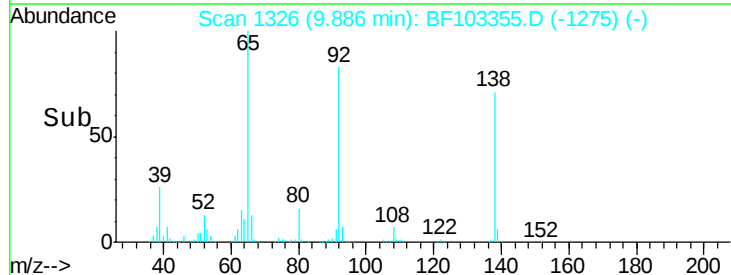
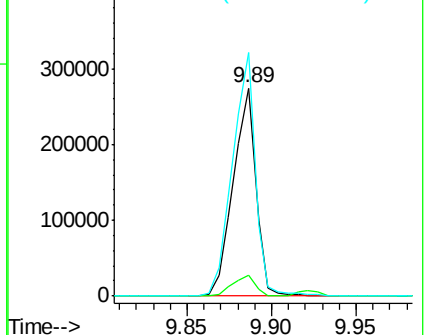
92 117.0 89.4 134.2



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

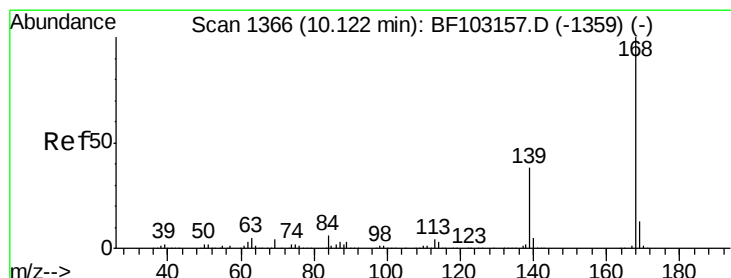
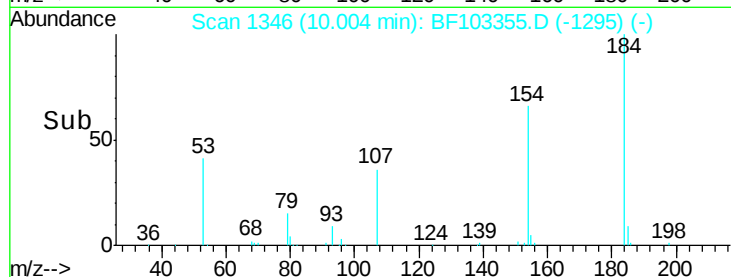
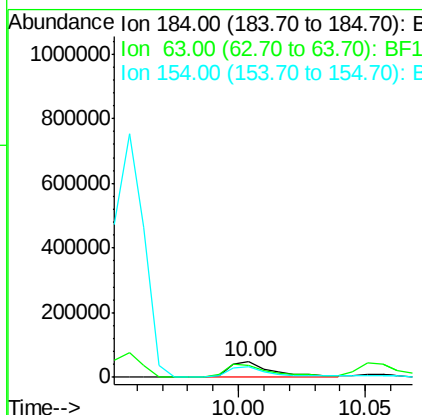
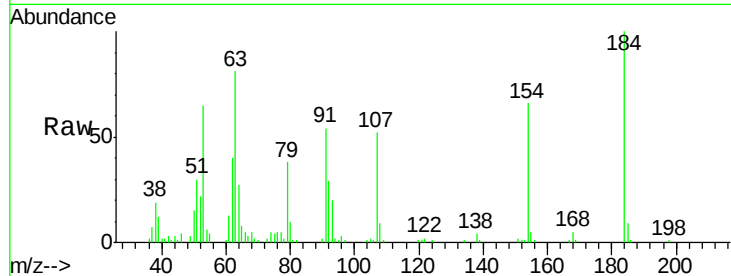




#53
2,4-Dinitrophenol
Concen: 35.913 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

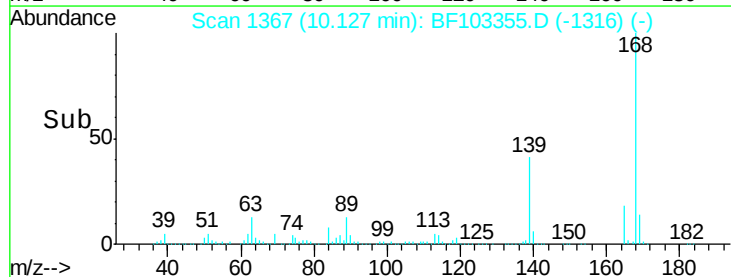
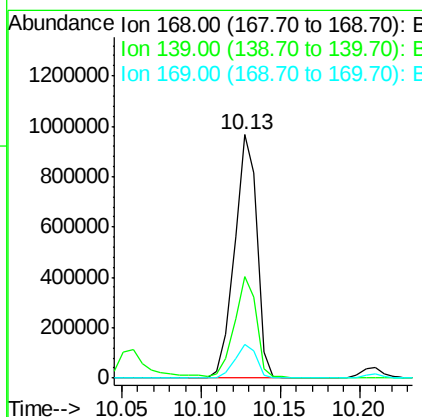
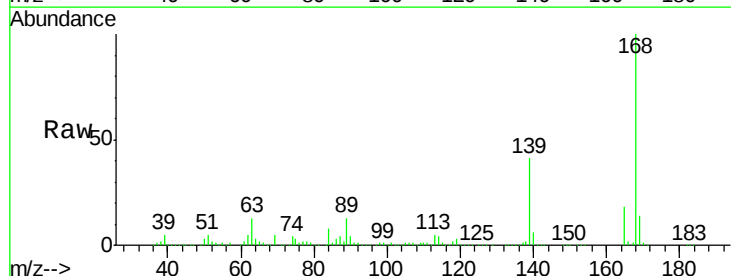
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 57799
Ion Ratio Lower Upper
184 100
63 80.6 54.2 81.2
154 66.3 184.0 276.0#



#54
Dibenzofuran
Concen: 36.218 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:168 Resp: 940440
Ion Ratio Lower Upper
168 100
139 41.5 30.1 45.1
169 13.7 10.9 16.3

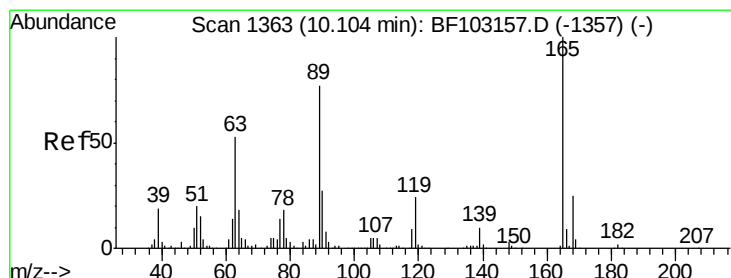
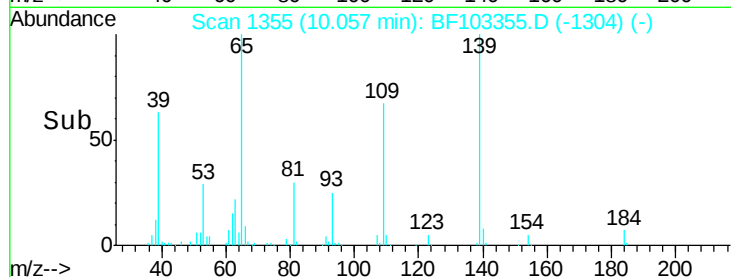
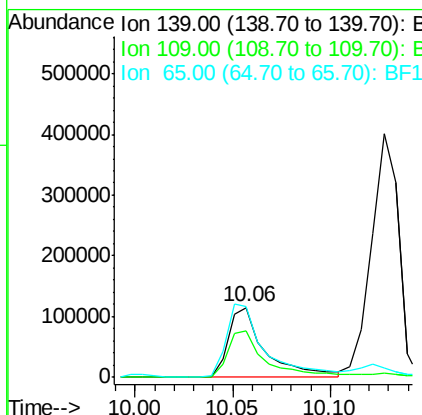
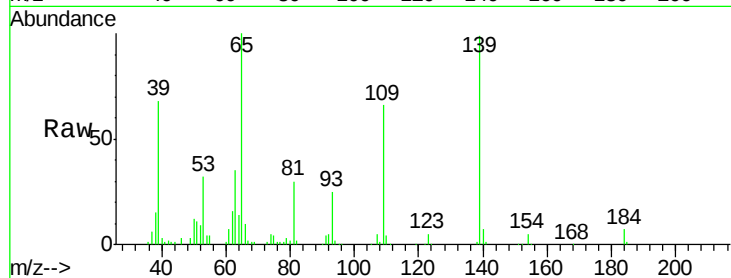




#55
4-Nitrophenol
Concen: 35.837 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

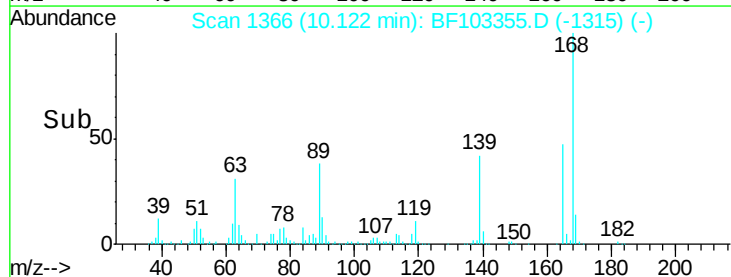
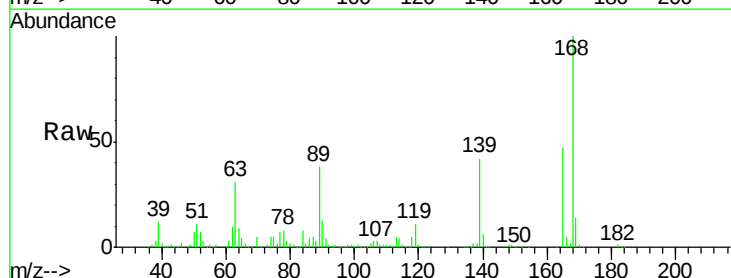
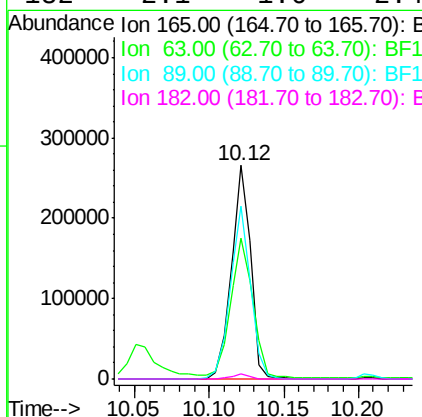
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

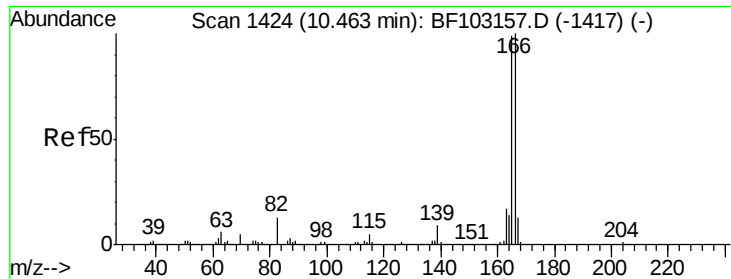
Tot Ion:139 Resp: 150872
Ion Ratio Lower Upper
139 100
109 66.7 48.4 88.4
65 101.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 35.715 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:165 Resp: 241843
Ion Ratio Lower Upper
165 100
63 65.9 36.4 54.6#
89 81.1 57.8 86.6
182 2.1 1.6 2.4

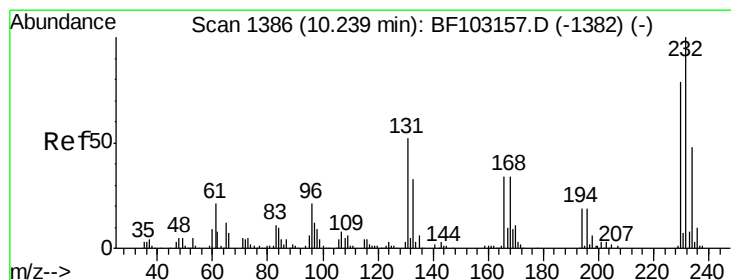
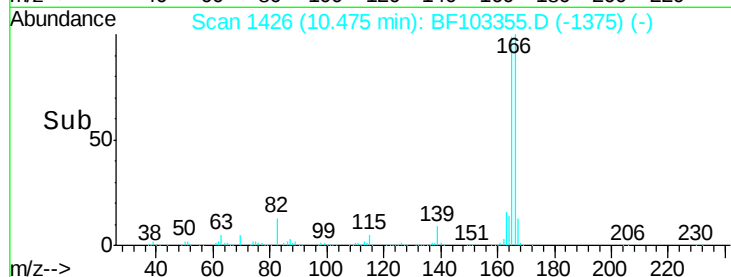
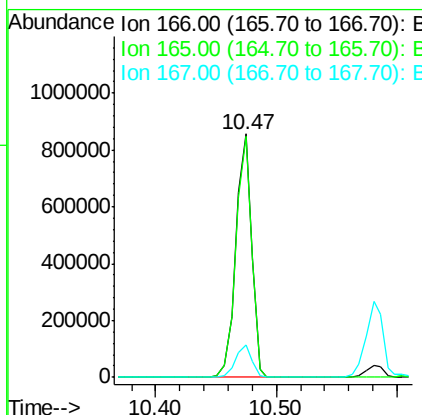
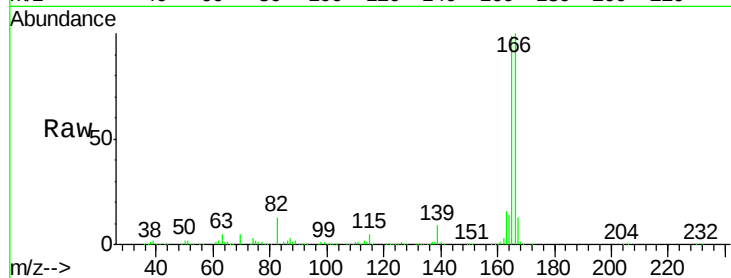




#57
Fluorene
 Concen: 35.420 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

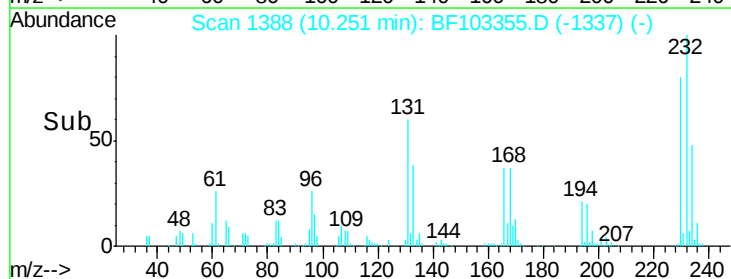
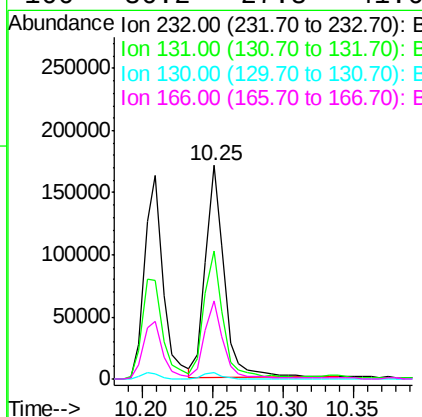
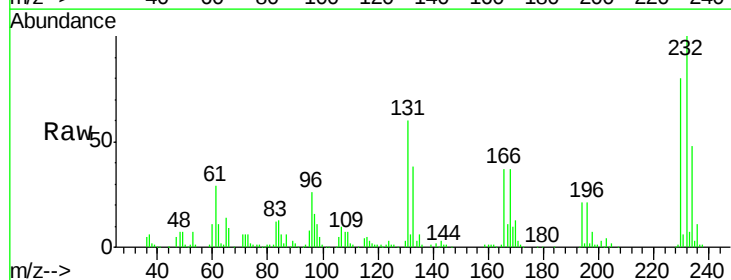
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

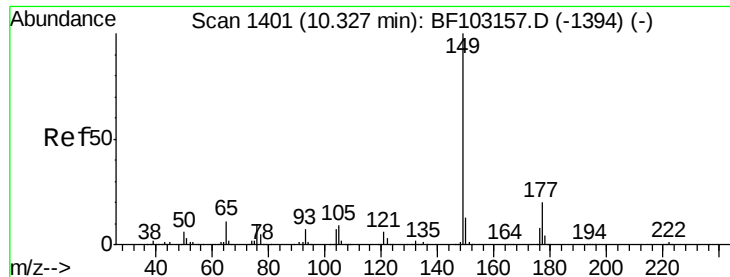
Tot Ion:166 Resp: 783493
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.583 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:232 Resp: 160840
 Ion Ratio Lower Upper
 232 100
 131 58.9 43.8 65.8
 130 2.8 2.1 3.1
 166 36.2 27.8 41.6

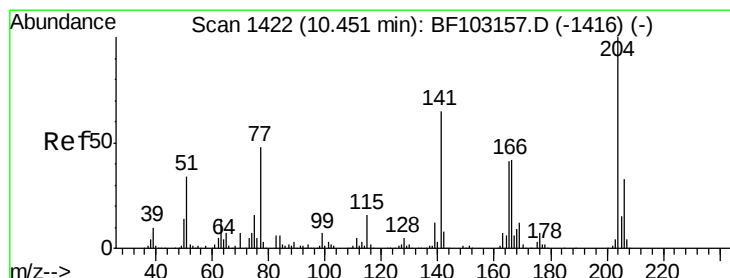
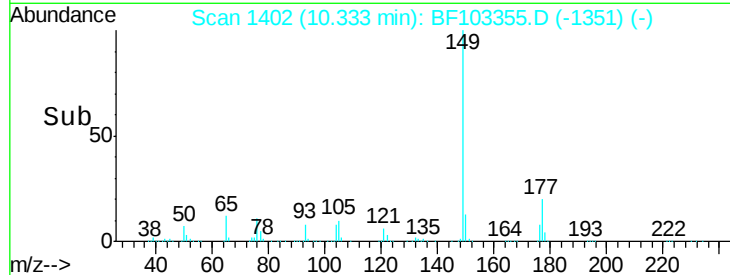
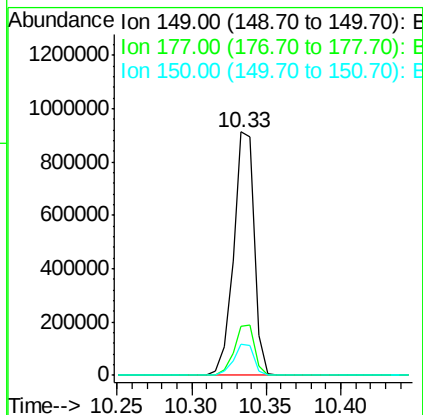
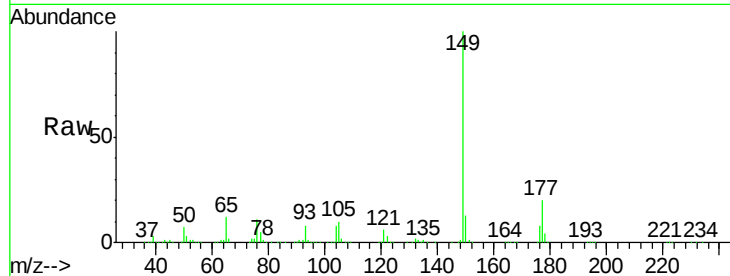




#59
Diethylphthalate
Concen: 36.610 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

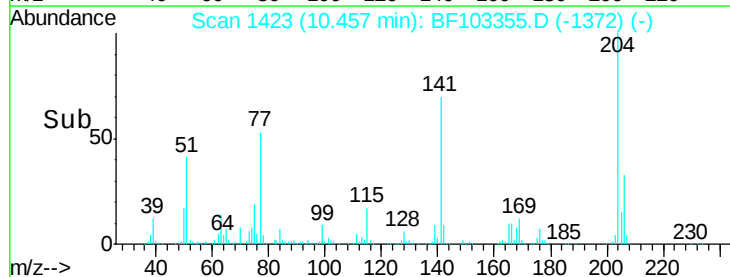
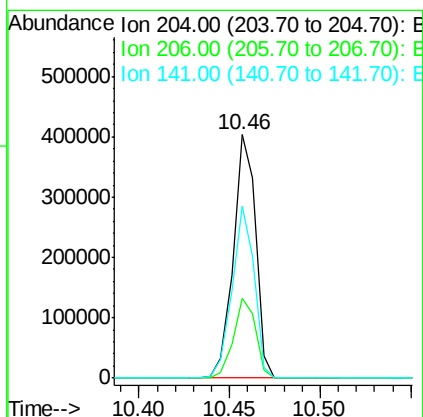
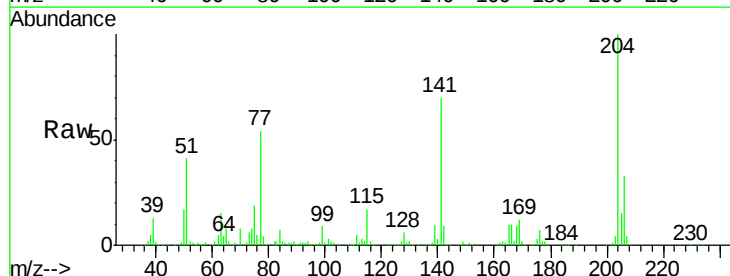
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

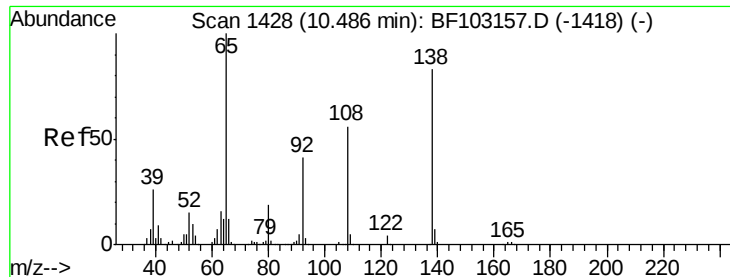
Tot Ion:149 Resp: 893340
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.894 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:204 Resp: 346073
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 70.4 54.6 81.8

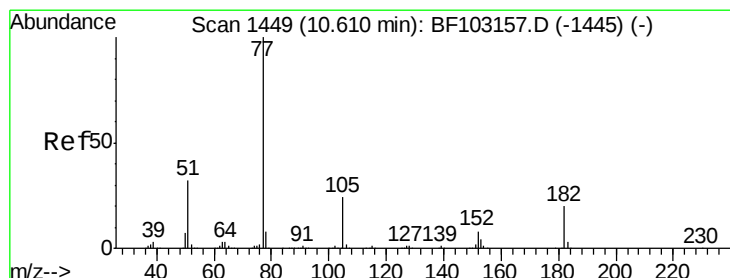
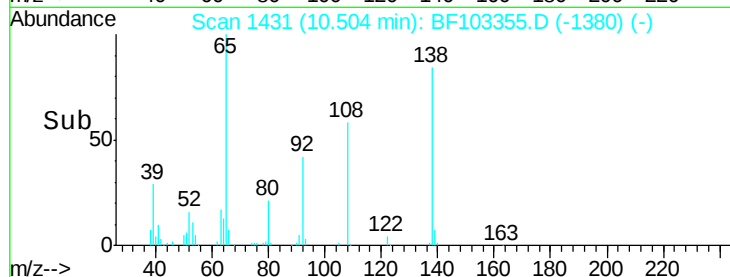
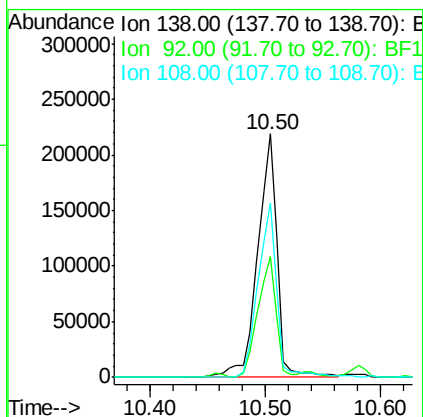
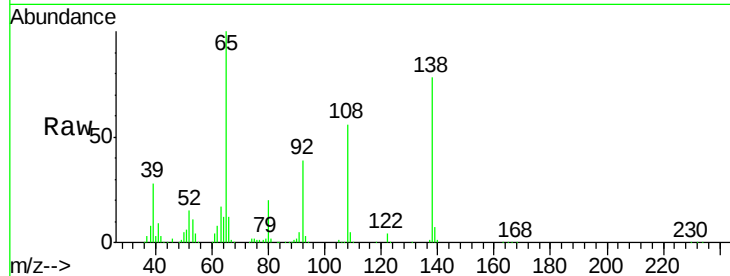




#61
4-Nitroaniline
Concen: 38.426 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

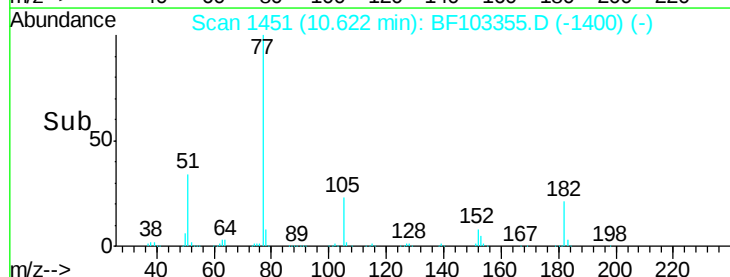
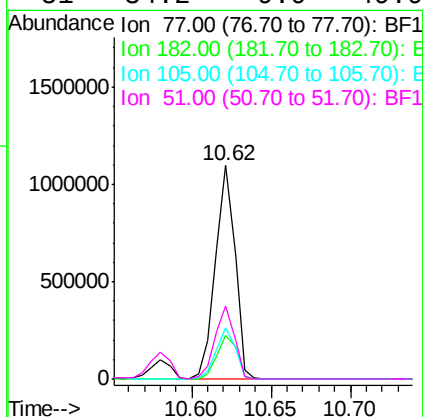
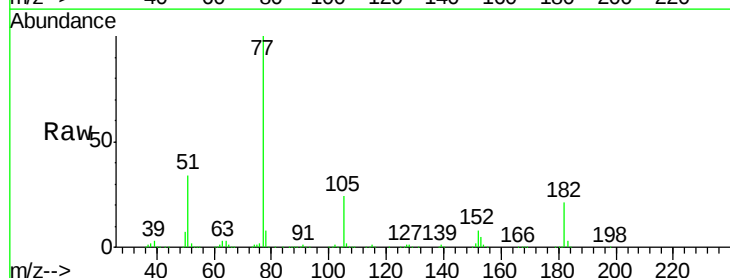
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

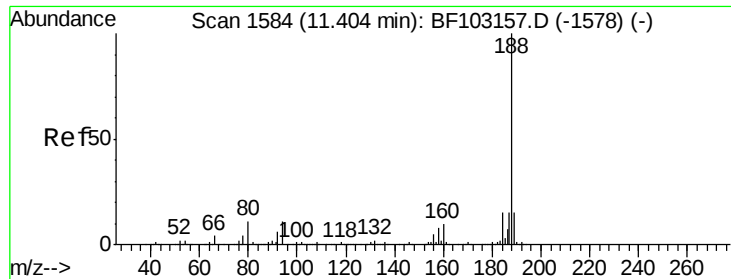
Tot Ion:138 Resp: 260714
Ion Ratio Lower Upper
138 100
92 49.7 30.2 70.2
108 71.7 52.5 92.5



#62
Azobenzene
Concen: 38.140 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion: 77 Resp: 947306
Ion Ratio Lower Upper
77 100
182 20.6 1.7 41.7
105 24.2 3.0 43.0
51 34.2 9.9 49.9

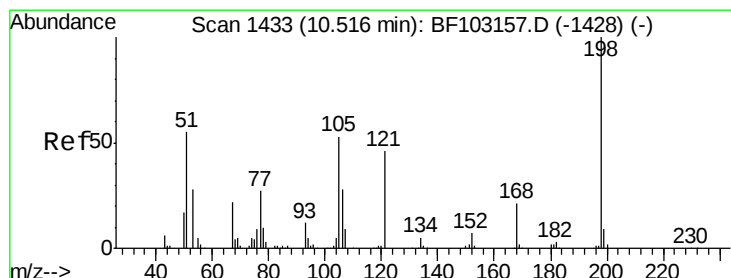
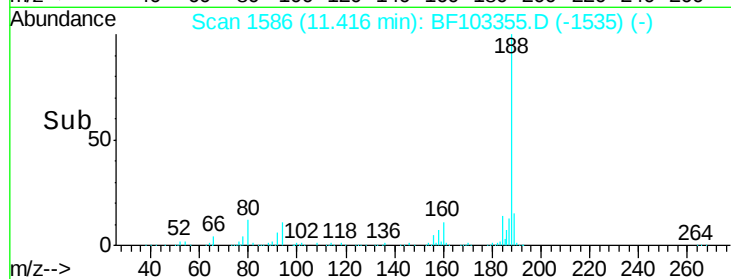
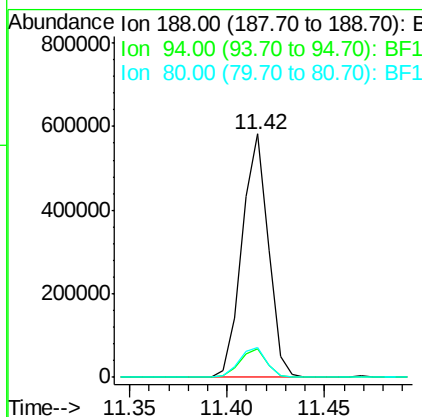
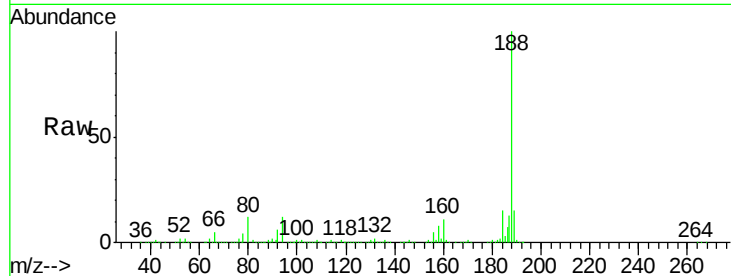




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

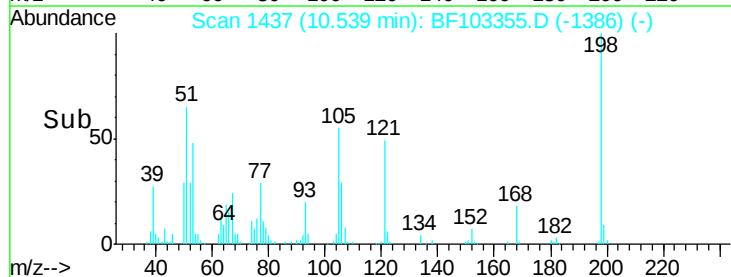
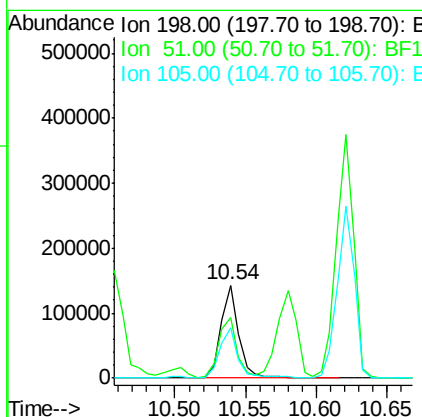
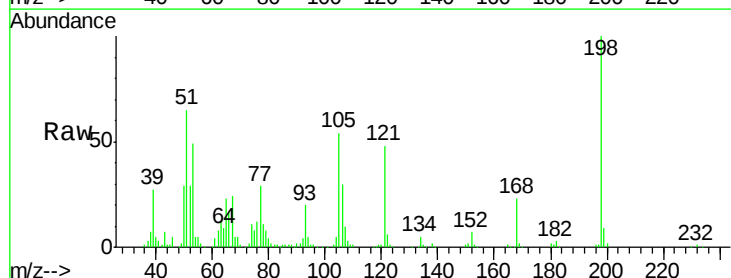
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

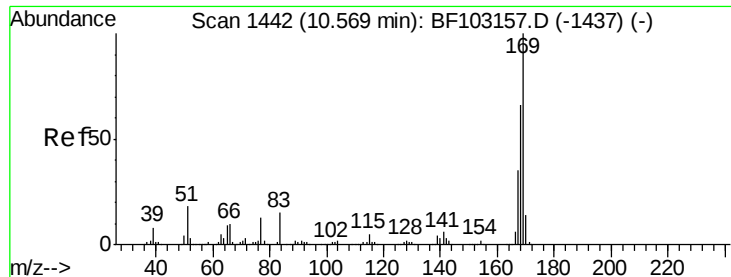
Tot Ion:188 Resp: 545014
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.798 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:198 Resp: 125157
Ion Ratio Lower Upper
198 100
51 64.5 37.7 77.7
105 54.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 36.849 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

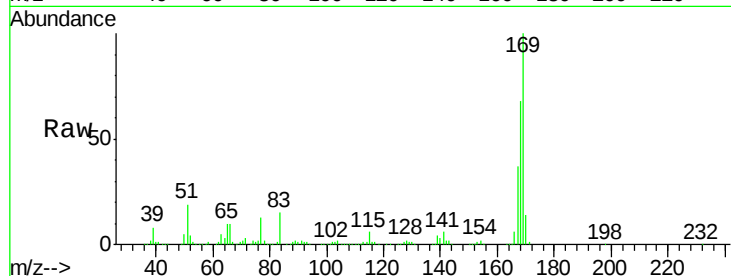
Tot Ion:169 Resp: 699260

Ion Ratio Lower Upper

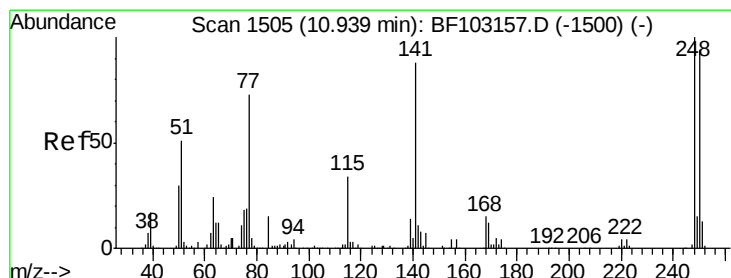
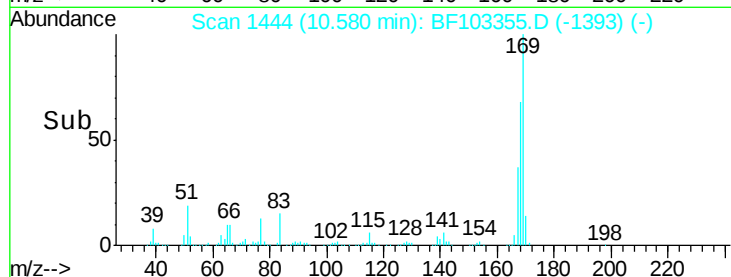
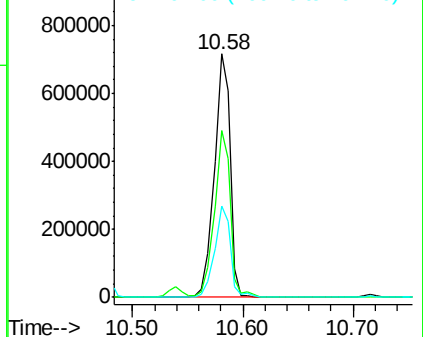
169 100

168 68.3 54.4 81.6

167 37.4 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: 36.354 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

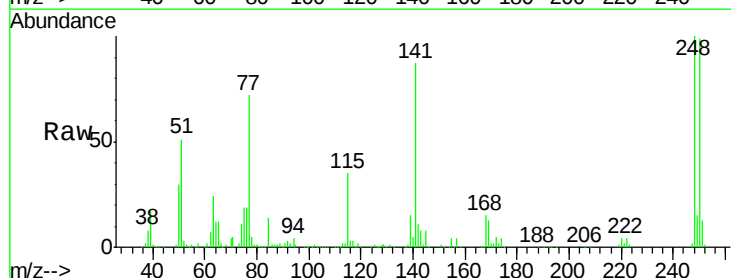
Tgt Ion:248 Resp: 206395

Ion Ratio Lower Upper

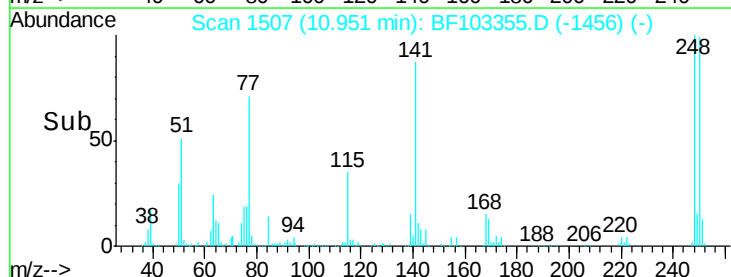
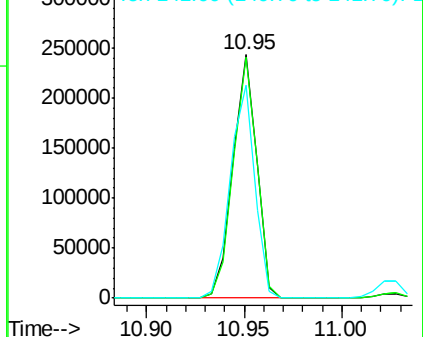
248 100

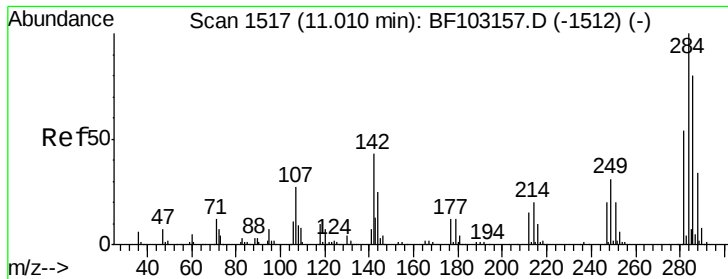
250 98.8 76.9 115.3

141 87.4 74.4 111.6



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

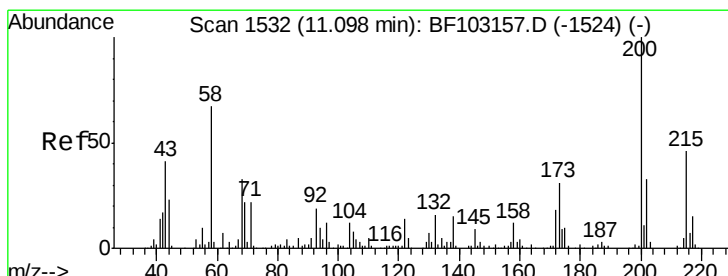
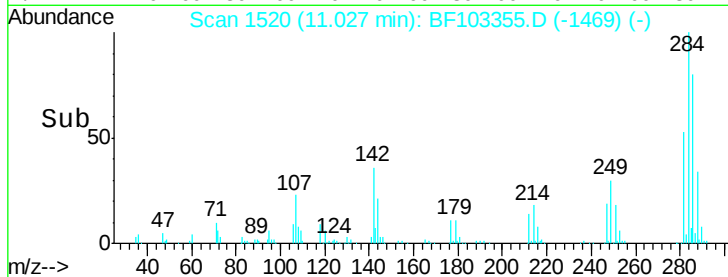
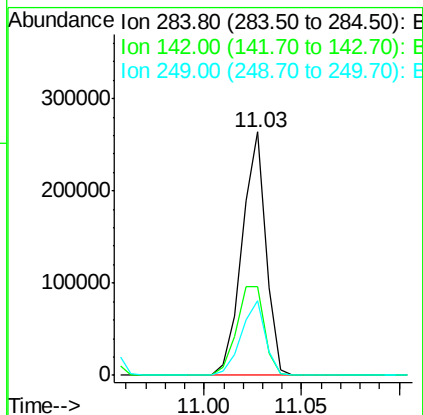
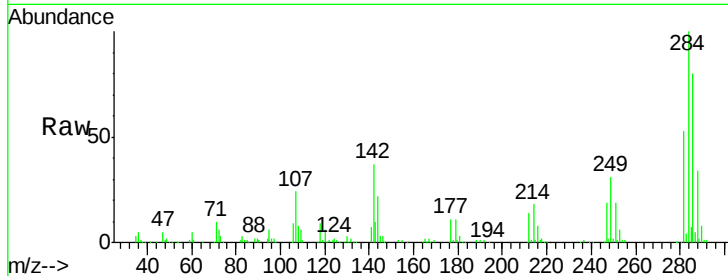




#67
Hexachlorobenzene
Concen: 36.215 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

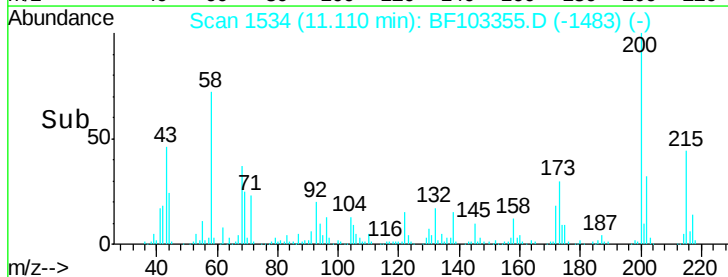
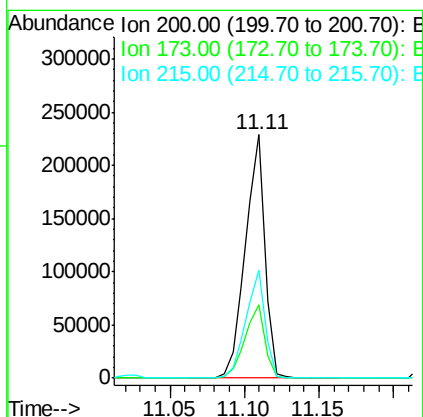
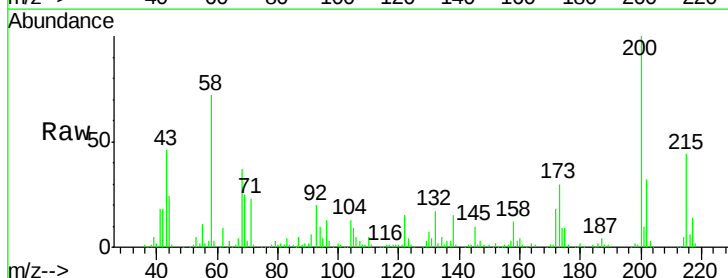
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

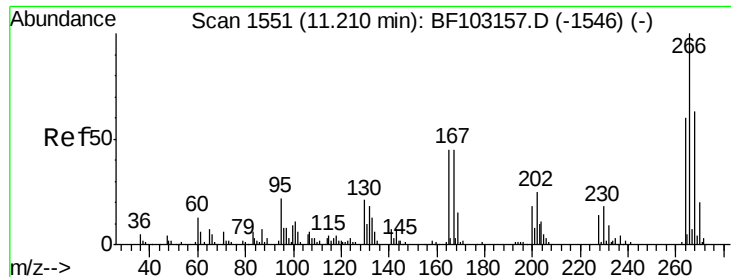
Tot Ion:284 Resp: 223165
Ion Ratio Lower Upper
284 100
142 36.7 34.6 52.0
249 30.6 24.8 37.2



#68
Atrazine
Concen: 36.520 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:200 Resp: 208299
Ion Ratio Lower Upper
200 100
173 30.0 8.6 48.6
215 44.2 25.1 65.1

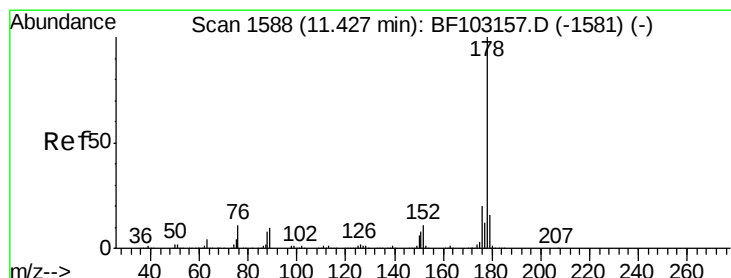
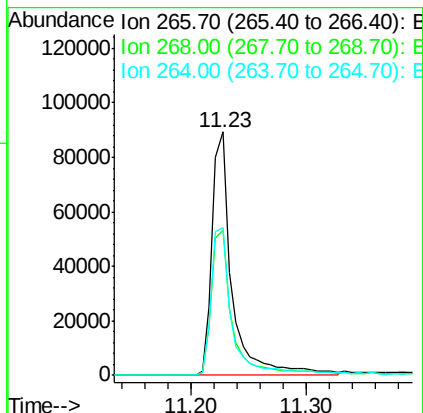
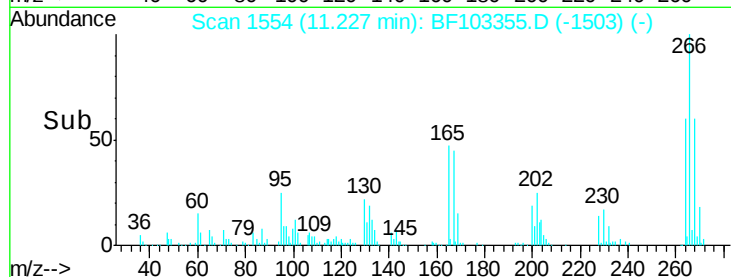
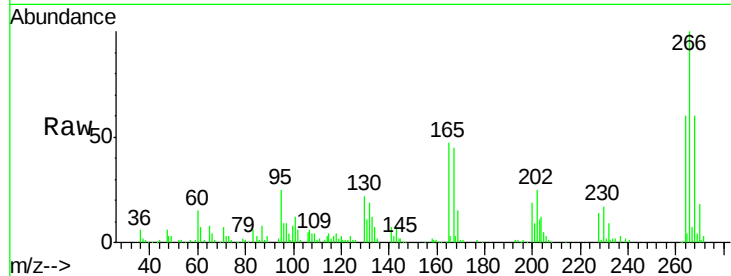




#69
 Pentachlorophenol
 Concen: 36.261 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

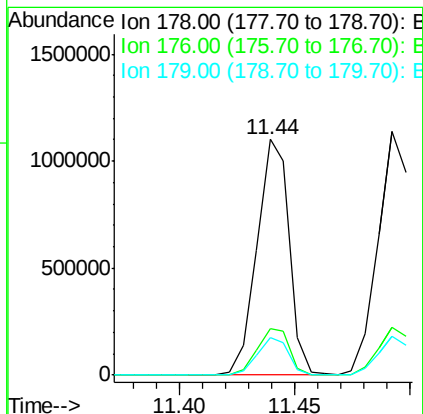
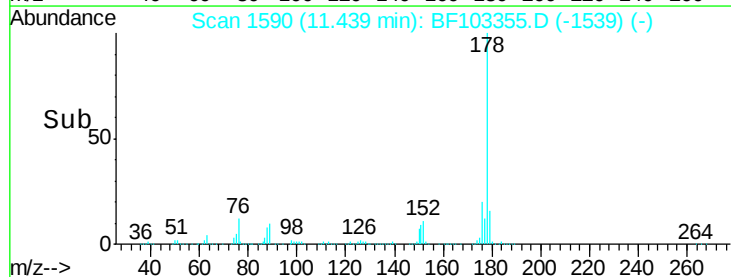
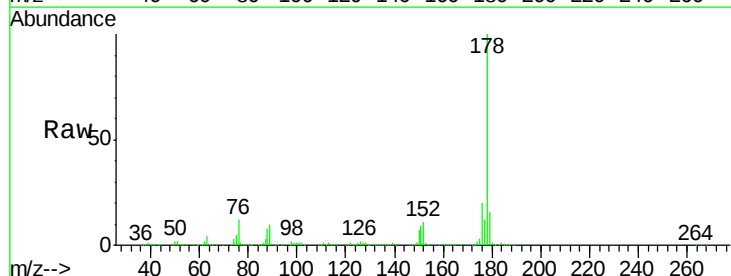
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

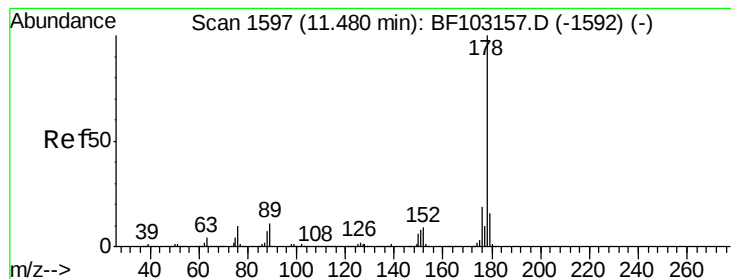
Tot Ion:266 Resp: 108043
 Ion Ratio Lower Upper
 266 100
 268 59.7 51.1 76.7
 264 60.4 49.5 74.3



#70
 Phenanthrene
 Concen: 35.663 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF103355.D
 Acq: 2 Mar 2018 10:07

Tgt Ion:178 Resp: 1069671
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 36.018 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

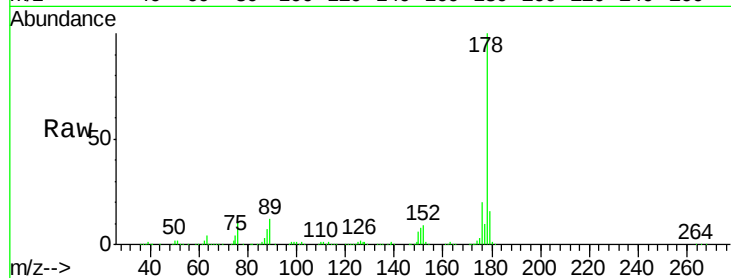
Tot Ion:178 Resp: 1107782

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

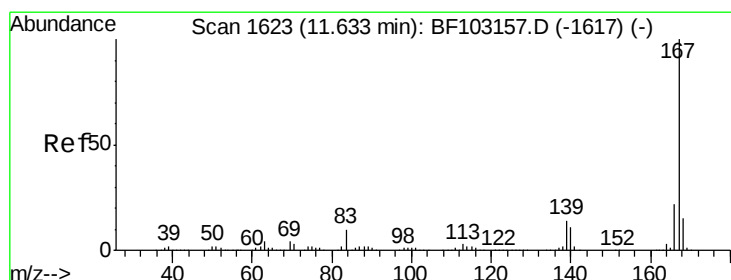
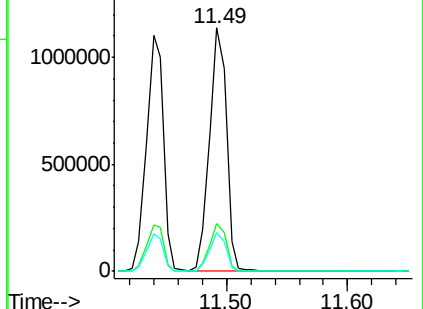
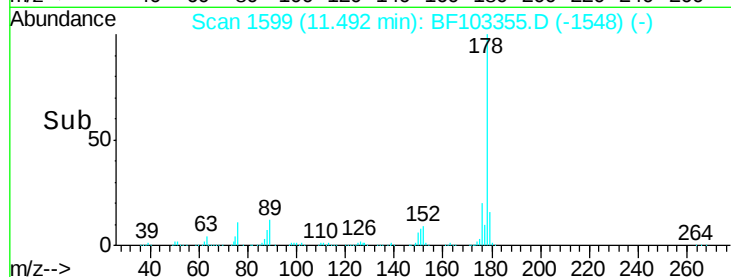
179 15.8 12.6 19.0



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: 35.983 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

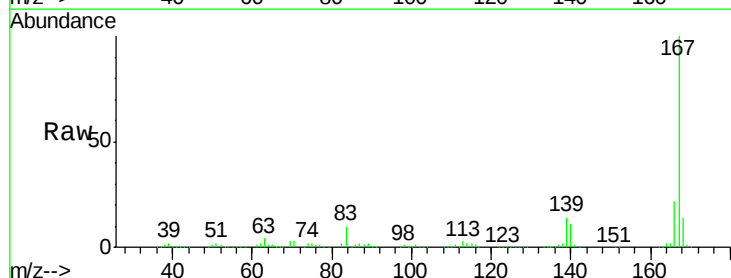
Tgt Ion:167 Resp: 1102095

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

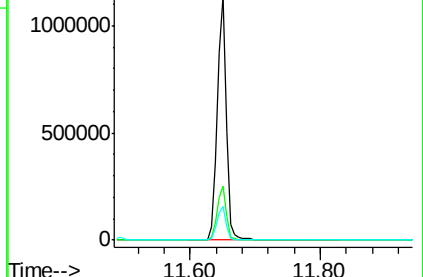
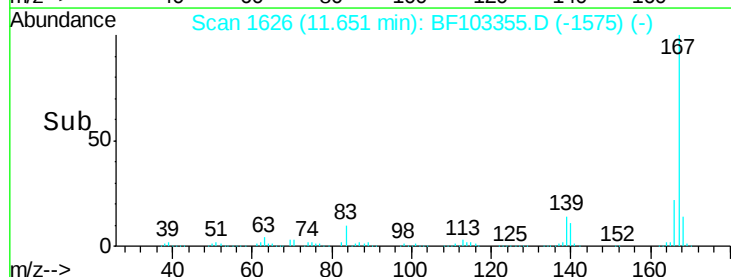
139 14.0 10.9 16.3

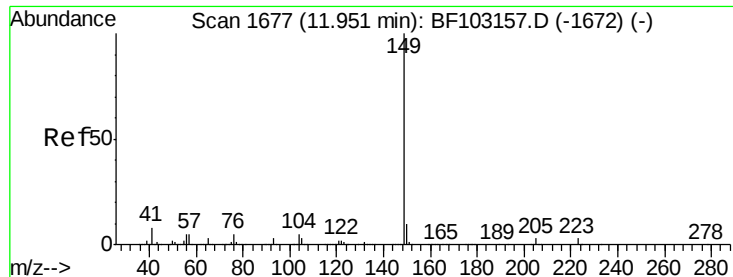


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

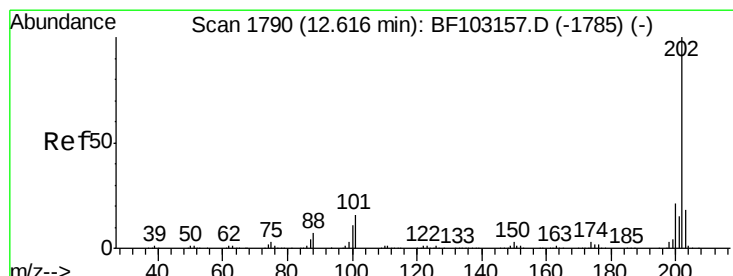
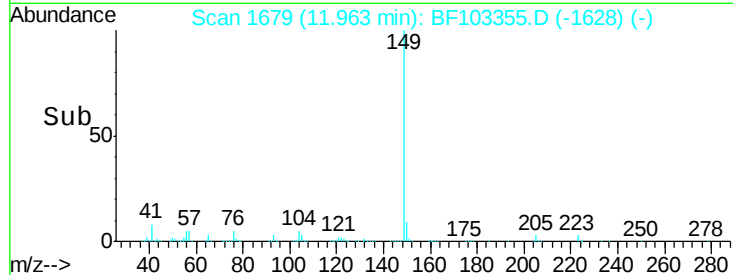
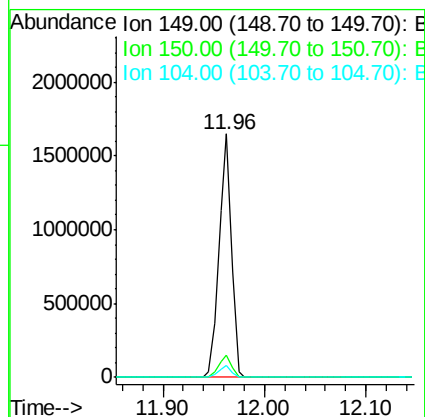
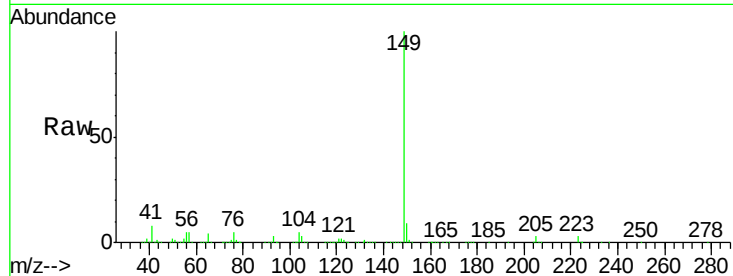




#73
Di-n-butylphthalate
Concen: 36.458 ng
RT: 11.96 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

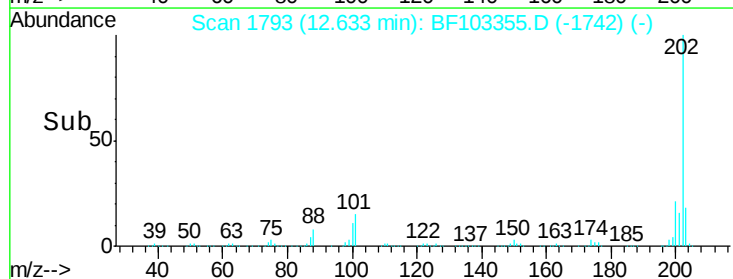
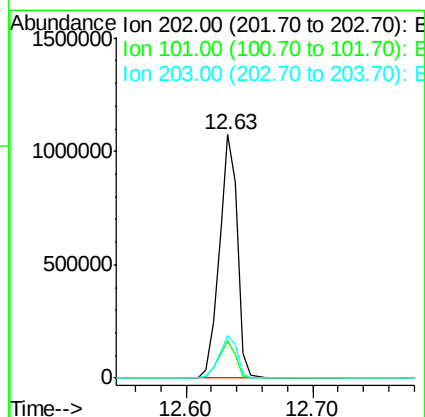
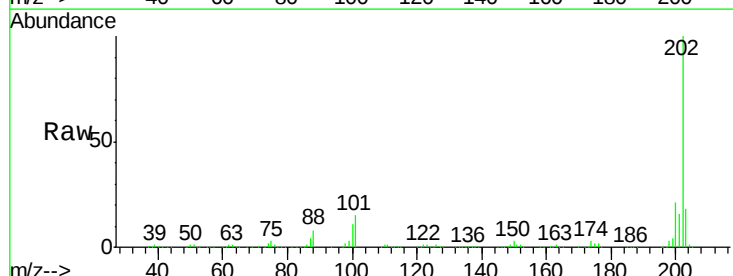
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

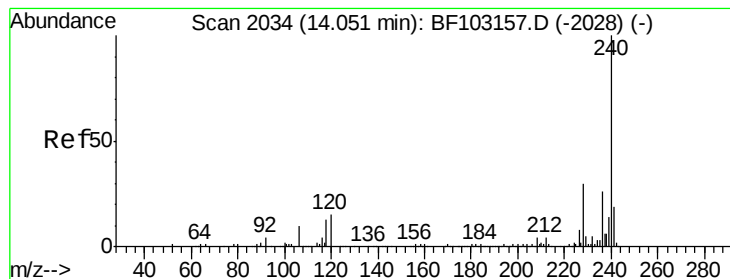
Tot Ion:149 Resp: 1397275
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 35.542 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:202 Resp: 1071252
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

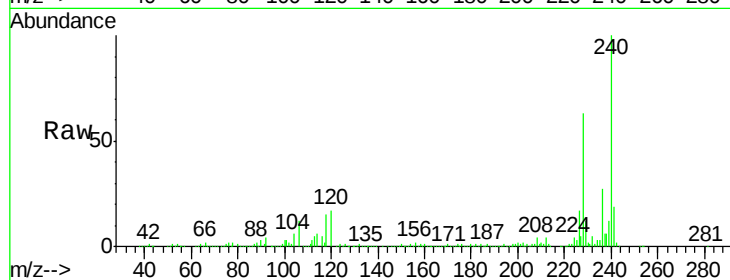
Tot Ion:240 Resp: 362279

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

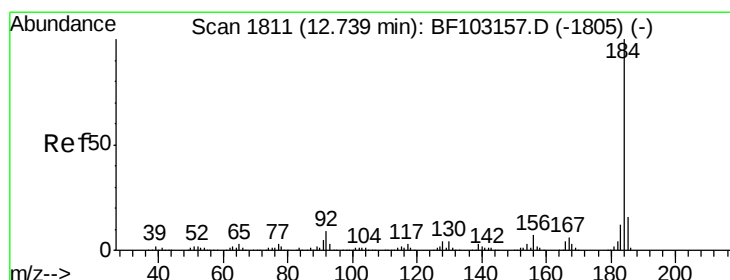
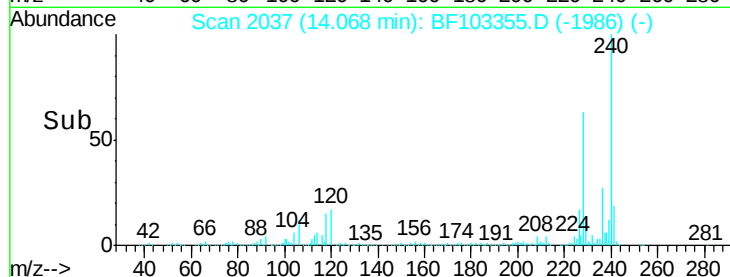
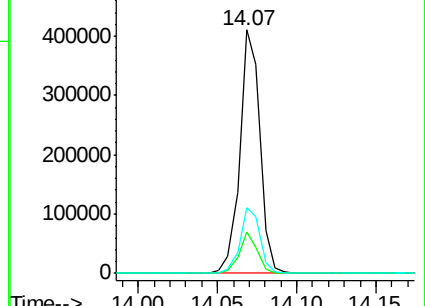
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.909 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

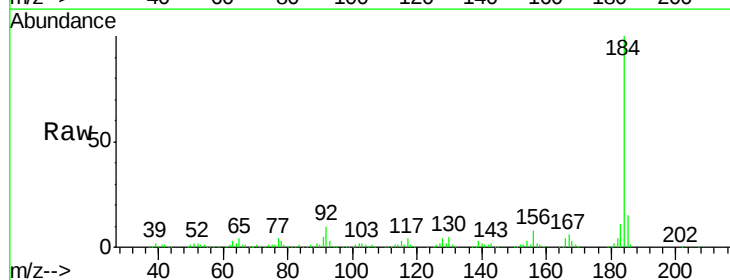
Tgt Ion:184 Resp: 567617

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

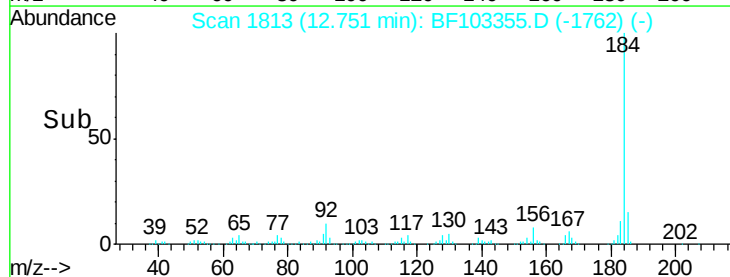
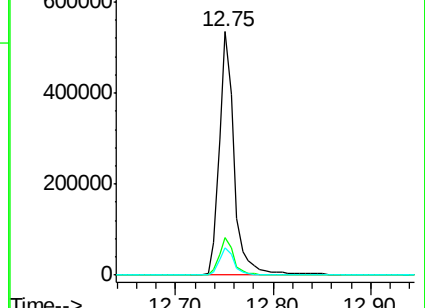
183 11.3 9.3 13.9

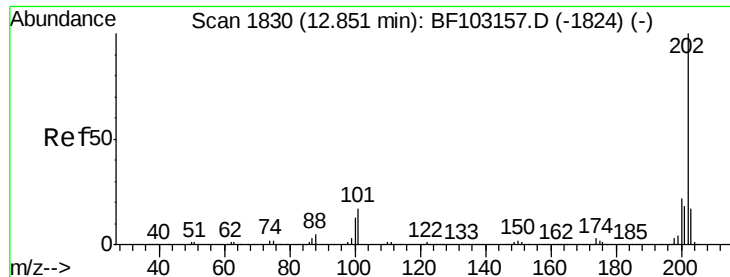


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.907 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

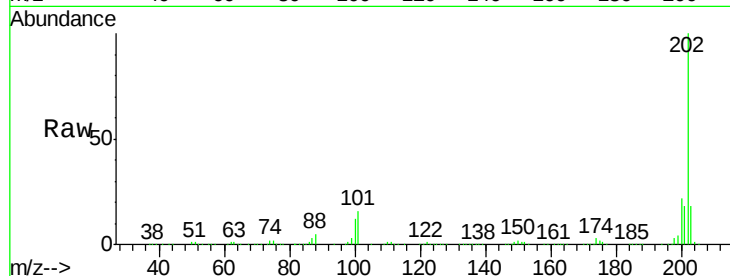
Tot Ion:202 Resp: 1098941

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

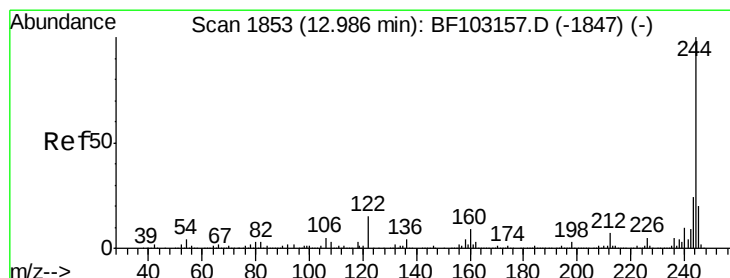
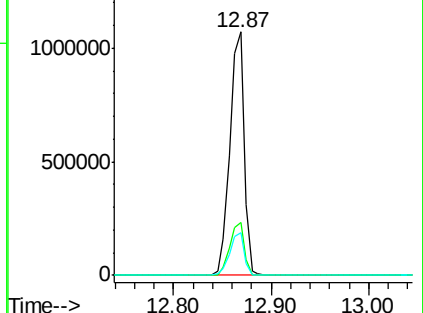
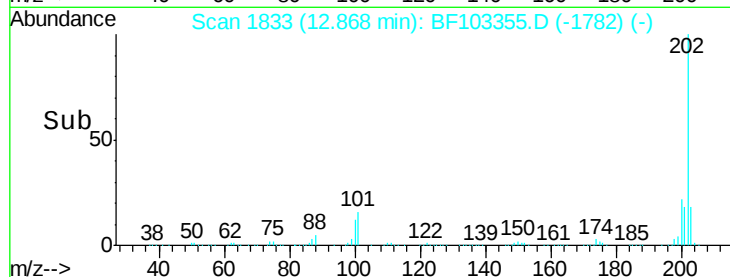
203 17.8 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.388 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

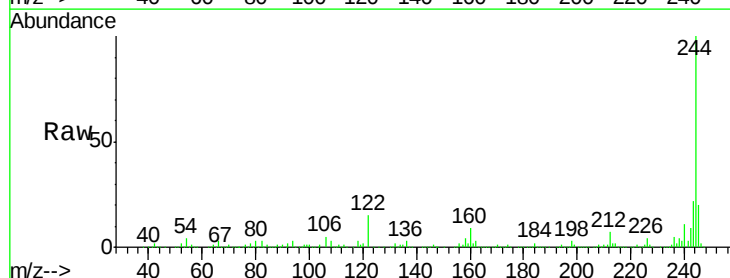
Tgt Ion:244 Resp: 1106014

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

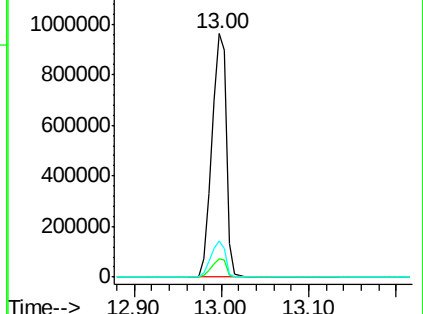
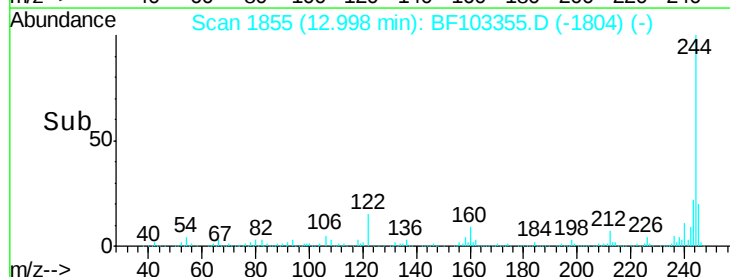
122 14.8 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

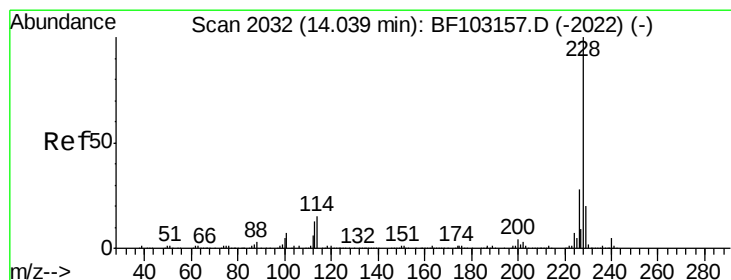
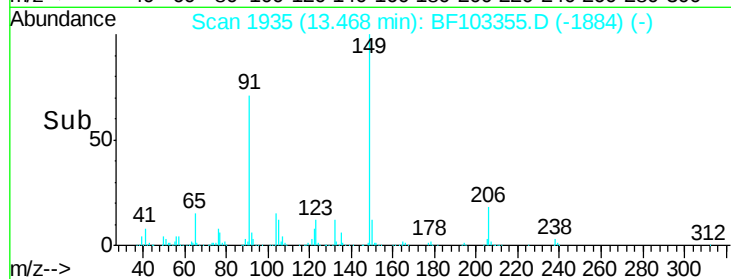
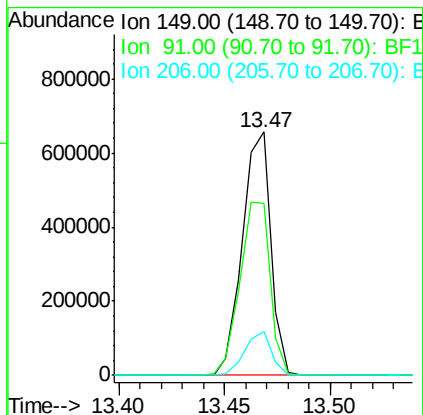
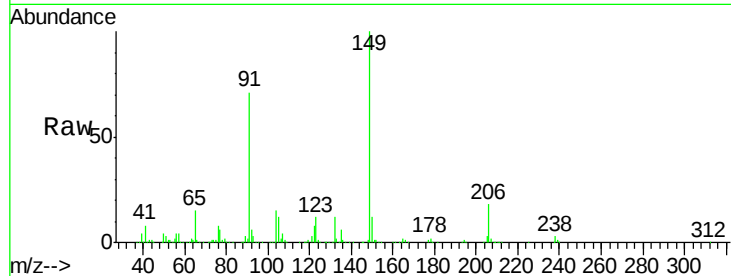




#79
Butylbenzylphthalate
Concen: 41.309 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

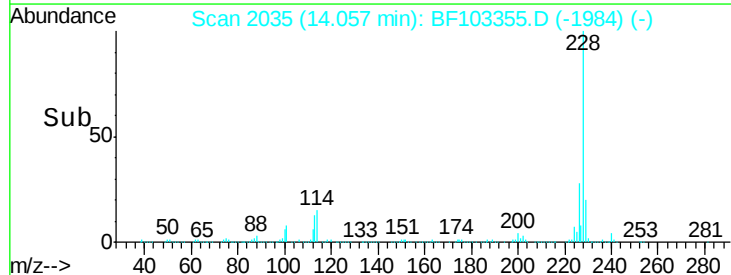
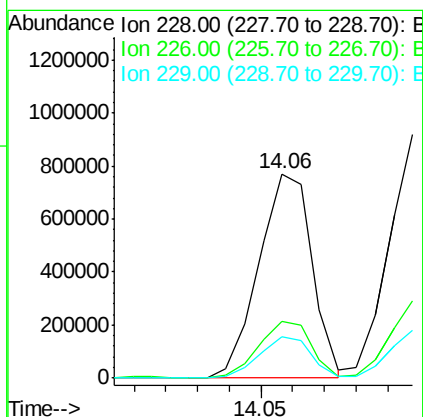
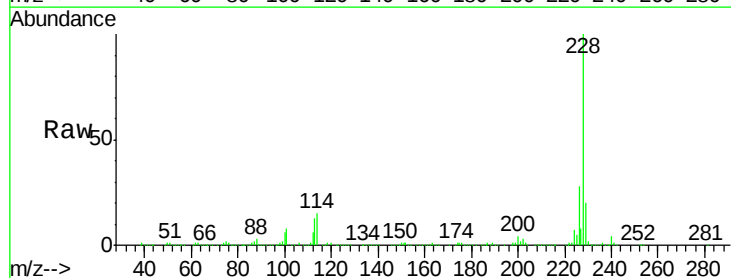
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

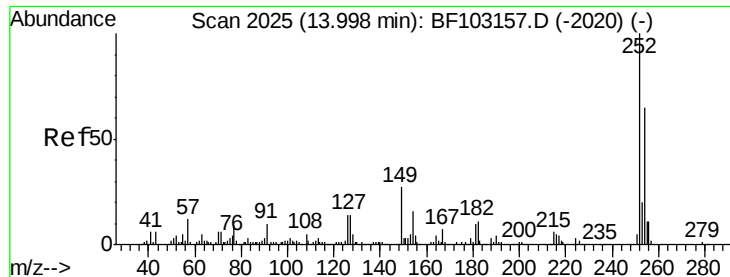
Tot Ion:149 Resp: 616463
Ion Ratio Lower Upper
149 100
91 70.6 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.293 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:228 Resp: 900104
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 35.741 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

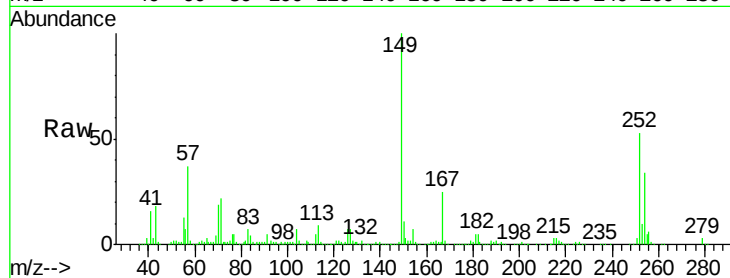
Tot Ion:252 Resp: 299821

Ion Ratio Lower Upper

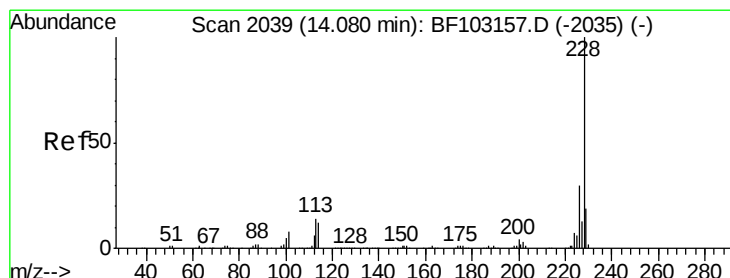
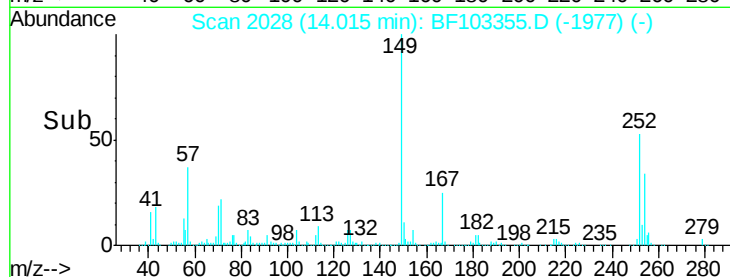
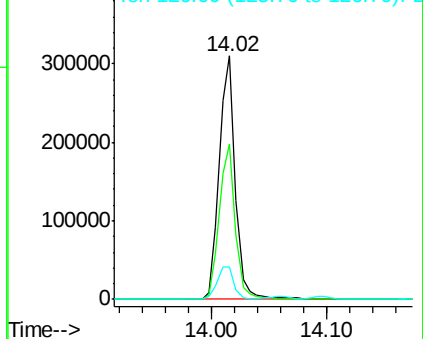
252 100

254 63.6 50.4 75.6

126 13.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.866 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

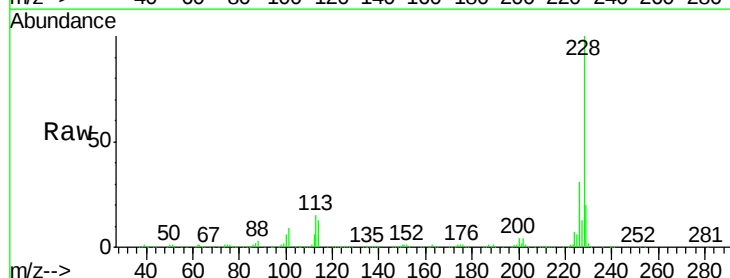
Tgt Ion:228 Resp: 864237

Ion Ratio Lower Upper

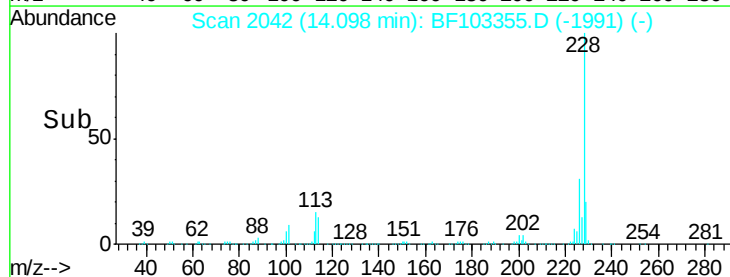
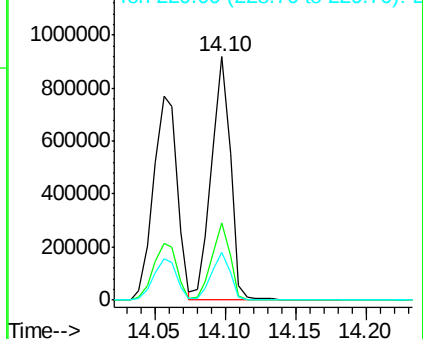
228 100

226 31.5 25.0 37.6

229 19.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.065 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

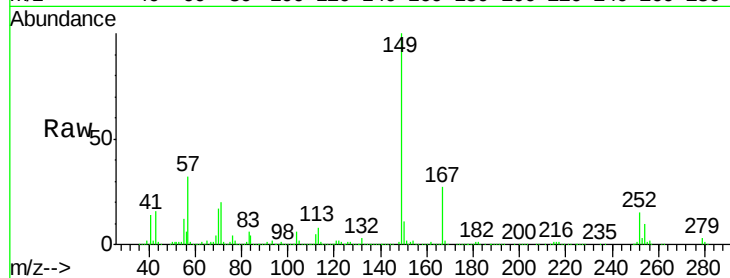
Tot Ion:149 Resp: 746425

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

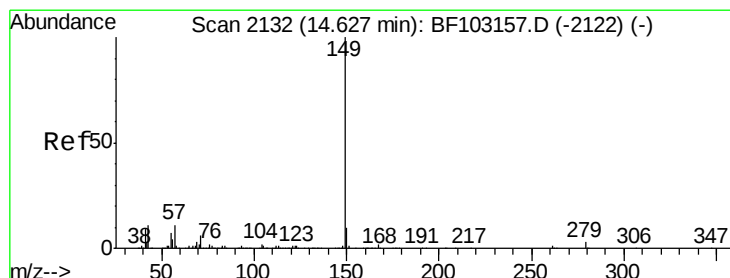
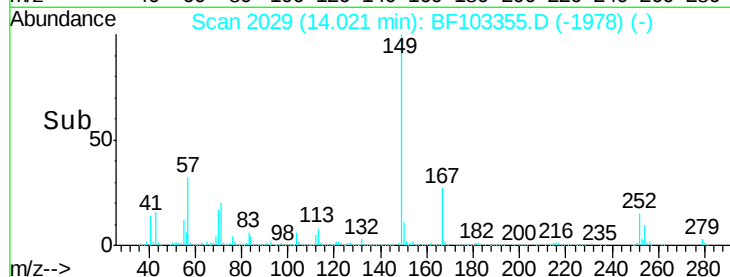
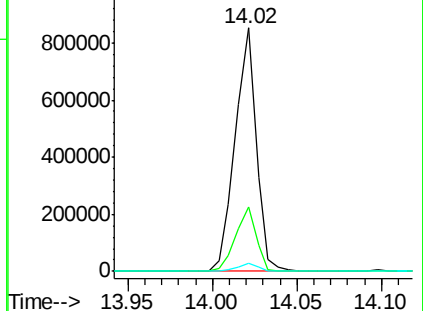
279 3.2 3.0 4.4



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: 38.752 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

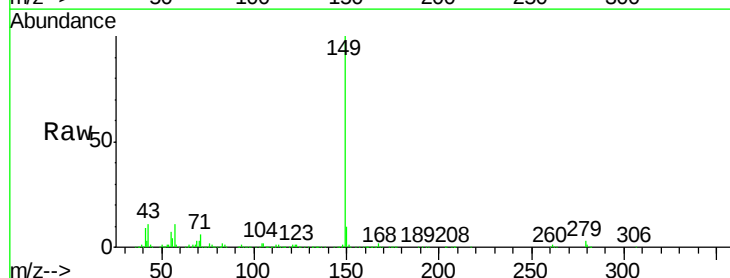
Tgt Ion:149 Resp: 1260897

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

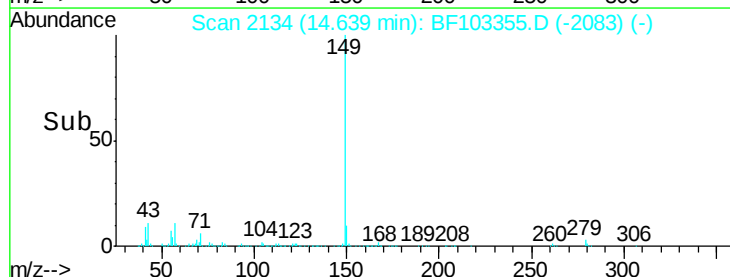
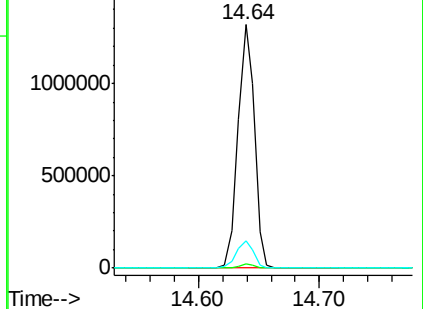
43 11.3 8.4 12.6

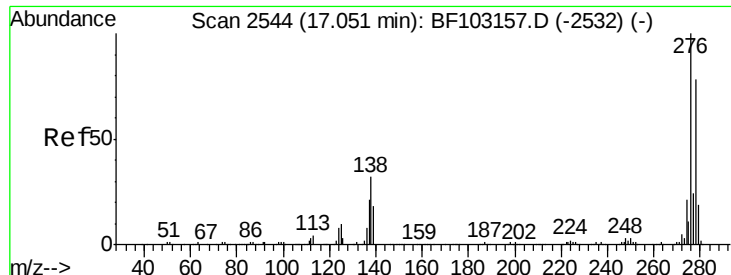


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

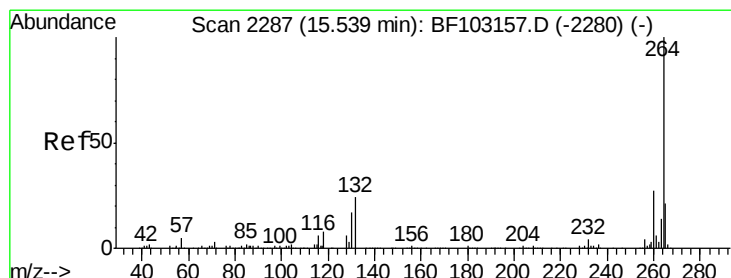
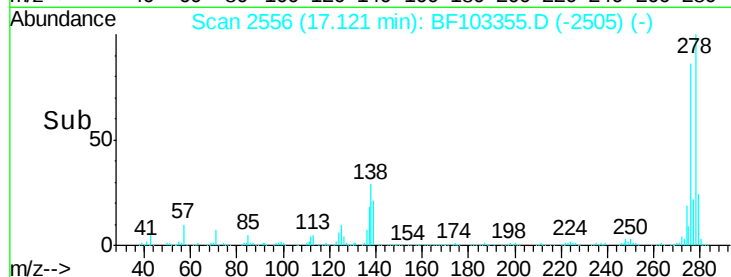
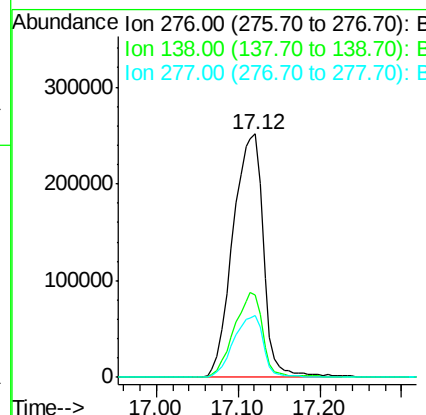
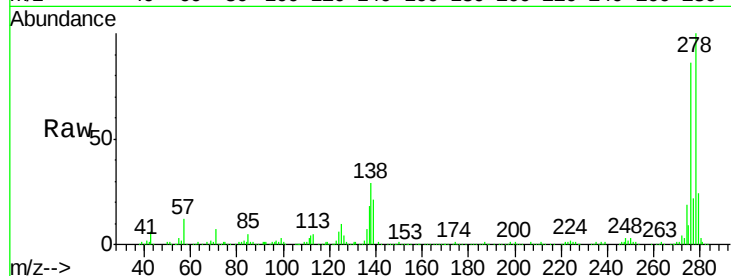




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.072 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

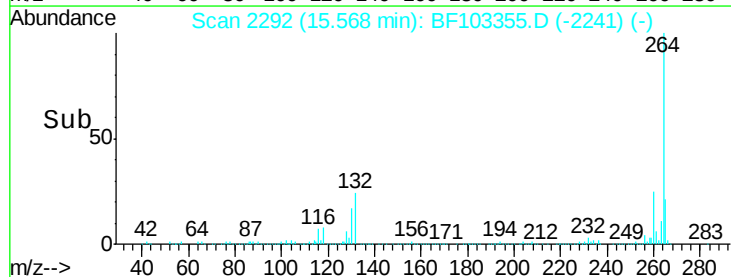
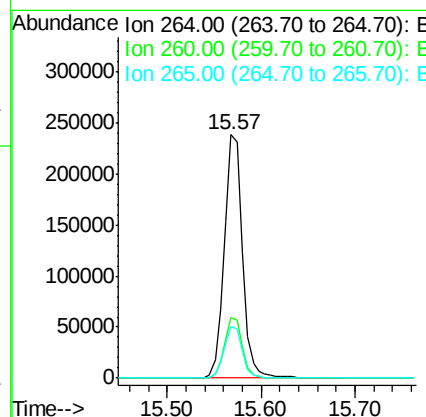
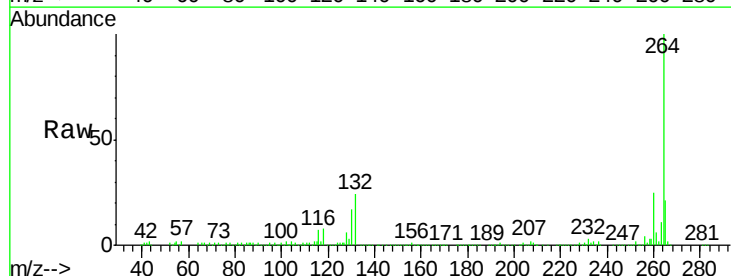
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

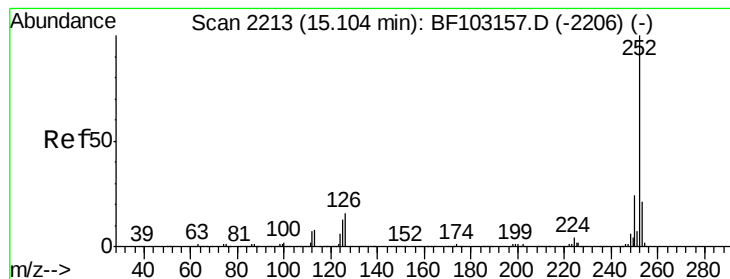
Tot Ion:276 Resp: 651785
Ion Ratio Lower Upper
276 100
138 33.3 25.0 37.6
277 25.1 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103355.D
Acq: 2 Mar 2018 10:07

Tgt Ion:264 Resp: 322257
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 37.339 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

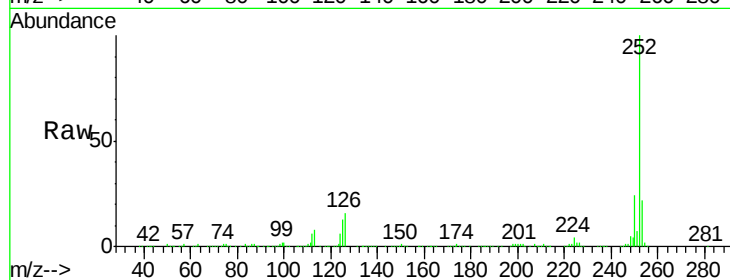
Tot Ion:252 Resp: 791137

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

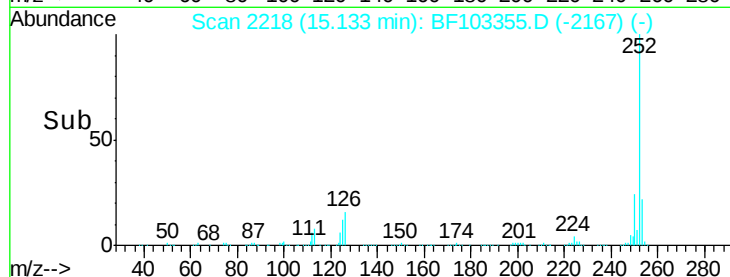
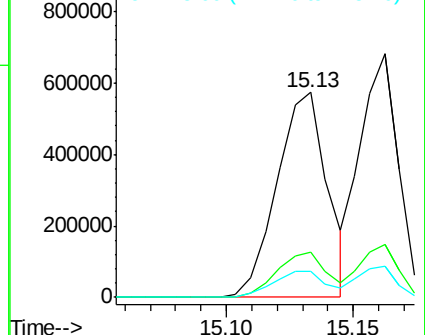
125 12.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.756 ng

RT: 15.16 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

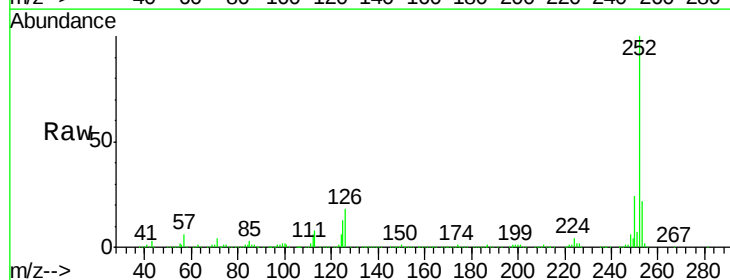
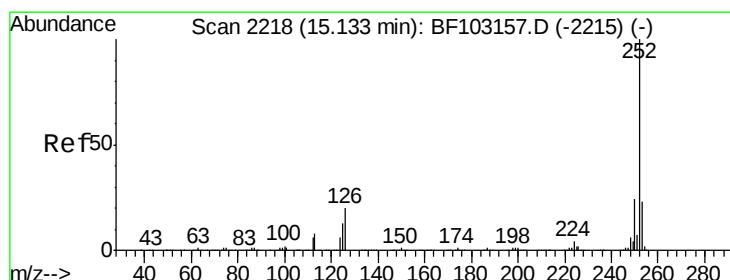
Tgt Ion:252 Resp: 733363

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

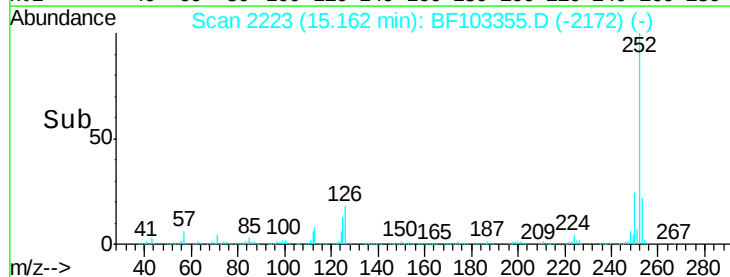
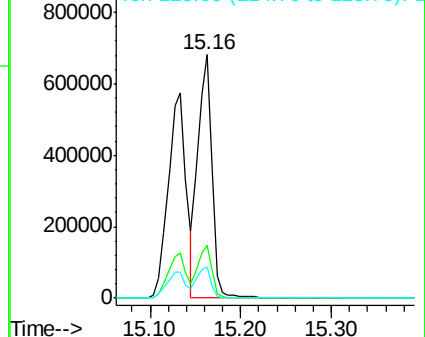
125 12.8 10.2 15.2

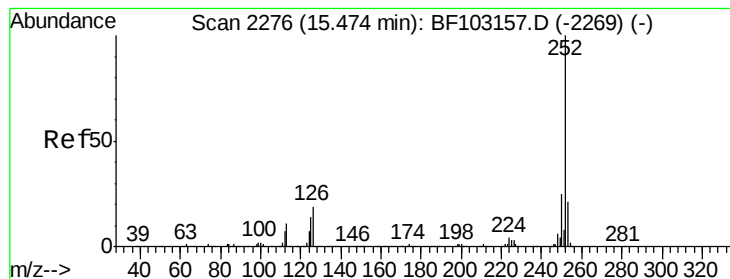


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.971 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

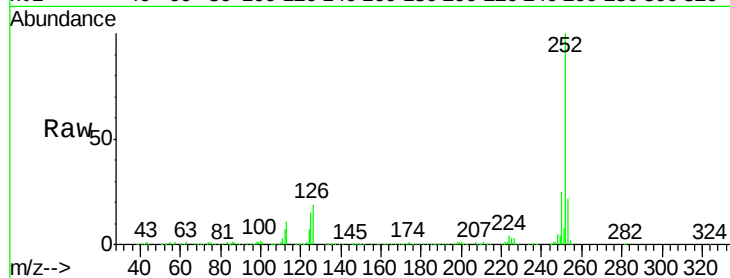
Tot Ion:252 Resp: 699526

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

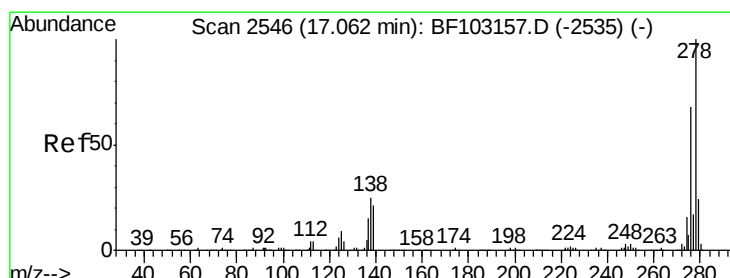
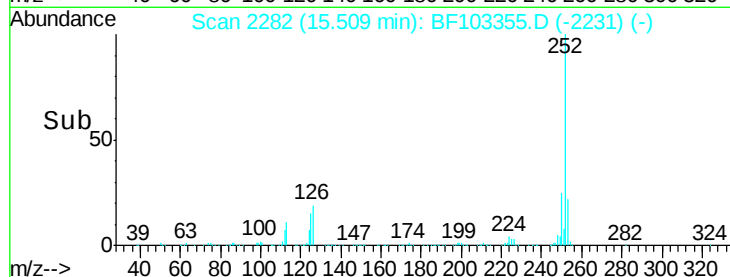
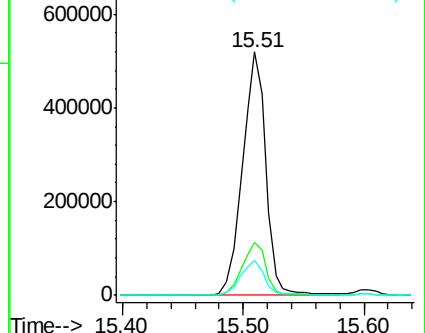
125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.860 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

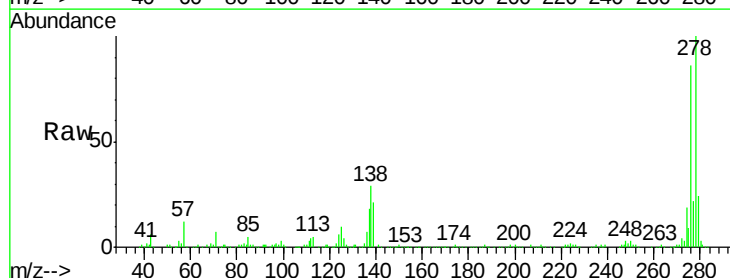
Tgt Ion:278 Resp: 538913

Ion Ratio Lower Upper

278 100

139 21.2 15.9 23.9

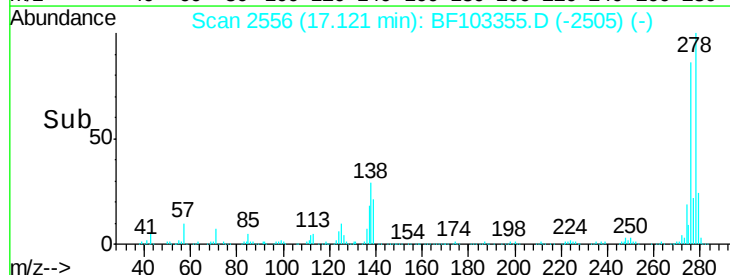
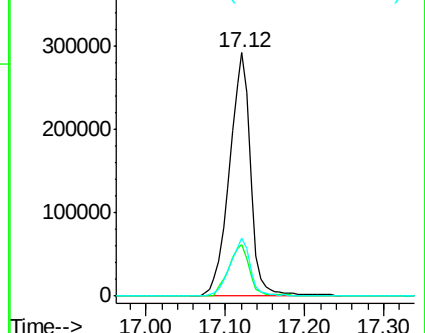
279 24.1 19.0 28.4

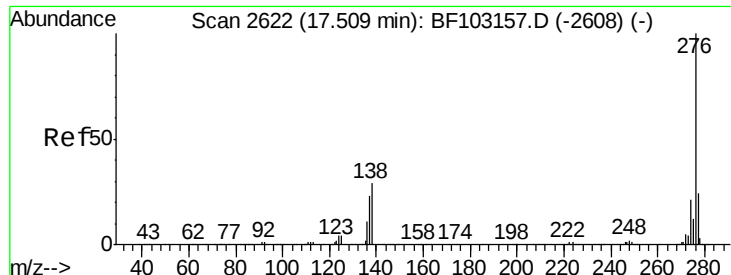


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.473 ng

RT: 17.58 min Scan# 2634

Delta R.T. 0.00 min

Lab File: BF103355.D

Acq: 2 Mar 2018 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

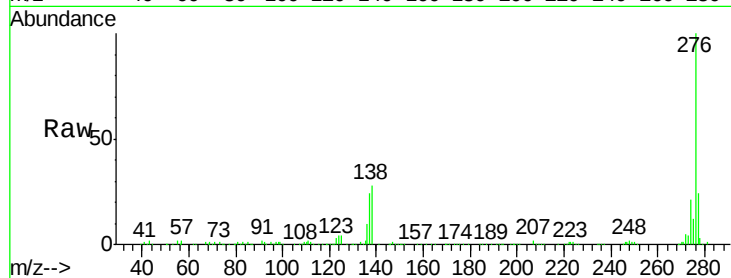
Tot Ion:276 Resp: 549742

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.1 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

