

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101387.D
 Acq On : 14 Dec 2017 11:25
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 13:19:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 13:19:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170813	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	697385	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	319612	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	630734	20.00	ng	0.00
75) Chrysene-d12	14.00	240	549091	20.00	ng	0.00
86) Perylene-d12	15.47	264	542893	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	27500	2.66	ng	0.02
7) Phenol-d6	6.46	99	41654	3.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	33233	2.84	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	7935	2.07	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	80577	3.45	ng	0.00
78) Terphenyl-d14	12.93	244	80102	3.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	7522	1.760	ng	98
3) Pyridine	3.53	79	8772	0.792	ng	# 81
4) n-Nitrosodimethylamine	3.42	42	3486	0.644	ng	# 63
6) Aniline	6.49	93	27591	1.691	ng	# 76
8) 2-Chlorophenol	6.61	128	16856	1.496	ng	93
9) Benzaldehyde	6.39	77	14785	1.925	ng	100
10) Phenol	6.48	94	22329	1.600	ng	# 33
11) bis(2-Chloroethyl)ether	6.55	93	20851	1.992	ng	96
12) 1,3-Dichlorobenzene	6.76	146	19325	1.473	ng	95
13) 1,4-Dichlorobenzene	6.83	146	19845	1.461	ng	99
14) 1,2-Dichlorobenzene	6.99	146	19384	1.529	ng	98
15) Benzyl Alcohol	6.98	79	15403	1.589	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	28129	1.977	ng	# 37
17) 2-Methylphenol	7.09	107	14413	1.584	ng	# 76
18) Hexachloroethane	7.32	117	7039	1.612	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	14523	1.718	ng	98
20) 3+4-Methylphenols	7.25	107	20985	1.768	ng	# 75
22) Acetophenone	7.23	105	28581	1.696	ng	# 97
24) Nitrobenzene	7.40	77	19459	1.698	ng	# 93
25) Isophorone	7.63	82	35126	1.759	ng	95
26) 2-Nitrophenol	7.73	139	5610	0.892	ng	# 96
27) 2,4-Dimethylphenol	7.77	122	15505	1.704	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	22504	1.677	ng	95
29) 2,4-Dichlorophenol	8.00	162	13282	1.341	ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	15131	1.389	ng	96
31) Naphthalene	8.12	128	54228	1.578	ng	99
32) Benzoic acid	7.91	122	514	0.073	ng	# 79
33) 4-Chloroaniline	8.19	127	23077	1.671	ng	98
34) Hexachlorobutadiene	8.23	225	8872	1.328	ng	91
35) Caprolactam	8.52	113	4130	1.338	ng	# 84
36) 4-Chloro-3-methylphenol	8.67	107	15591	1.520	ng	94
37) 2-Methylnaphthalene	8.82	142	36031	1.543	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	16309	1.405	ng	96
42) 2,4,6-Trichlorophenol	9.11	196	8424	1.238	ng	92

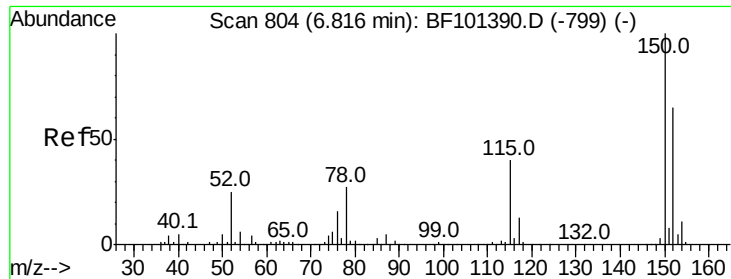
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101387.D
 Acq On : 14 Dec 2017 11:25
 Operator : SJ/JU
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	9743	1.339	nq	94
45) 1,1'-Biphenyl	9.27	154	46636	1.593	nq	95
46) 2-Chloronaphthalene	9.30	162	33953	1.633	nq	97
47) 2-Nitroaniline	9.42	65	8017	1.303	nq	94
48) Acenaphthylene	9.72	152	57339	1.678	nq	98
49) Dimethylphthalate	9.57	163	41296	1.602	nq	99
50) 2,6-Dinitrotoluene	9.65	165	5138	0.946	nq #	59
51) Acenaphthene	9.89	154	32784	1.602	nq	99
52) 3-Nitroaniline	9.83	138	7496	1.228	nq #	85
54) Dibenzofuran	10.06	168	48673	1.650	nq	99
55) 4-Nitrophenol	10.06	139	19896	4.832	nq #	14
56) 2,4-Dinitrotoluene	10.07	165	6486	0.891	nq #	61
57) Fluorene	10.41	166	40021	1.669	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.20	232	6717	1.153	nq #	90
59) Diethylphthalate	10.27	149	42050	1.654	nq	100
60) 4-Chlorophenyl-phenylether	10.39	204	18605	1.572	nq	98
61) 4-Nitroaniline	10.44	138	6956	1.098	nq	85
62) Azobenzene	10.56	77	43277	2.006	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	122	0.029	nq #	1
65) n-Nitrosodiphenylamine	10.52	169	37254	1.674	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	10909	1.545	nq #	85
67) Hexachlorobenzene	10.96	284	11155	1.474	nq	95
68) Atrazine	11.04	200	10315	1.511	nq	98
70) Phenanthrene	11.37	178	60585	1.744	nq	99
71) Anthracene	11.43	178	59502	1.693	nq	97
72) Carbazole	11.59	167	54478	1.696	nq	99
73) Di-n-butylphthalate	11.90	149	64324	1.598	nq	98
74) Fluoranthene	12.57	202	60671	1.576	nq	96
76) Benzidine	12.69	184	31276	1.752	nq	97
77) Pyrene	12.80	202	64480	1.702	nq	98
79) Butylbenzylphthalate	13.40	149	24533	1.469	nq	95
80) Benzo(a)anthracene	13.99	228	54214	1.564	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	17675	1.472	nq	91
82) Chrysene	14.02	228	54148	1.682	nq	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	37060	1.556	nq	99
84) Di-n-octyl phthalate	14.57	149	62061	1.565	nq	95
85) Indeno(1,2,3-cd)pyrene	16.96	276	48967	1.711	nq	96
87) Benzo(b)fluoranthene	15.04	252	51374	1.580	nq	97
88) Benzo(k)fluoranthene	15.07	252	46960	1.466	nq	96
89) Benzo(a)pyrene	15.41	252	46035	1.557	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	40321	1.547	nq	98
91) Benzo(g,h,i)perylene	17.41	276	39901	1.625	nq	99

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

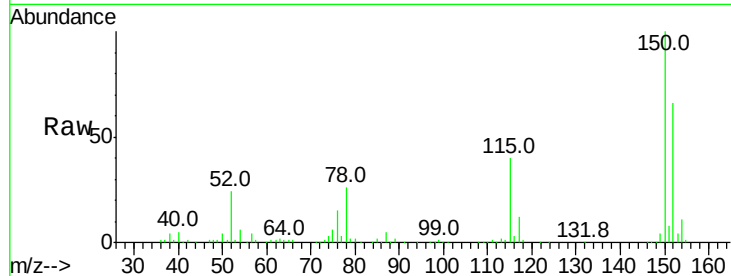


#1

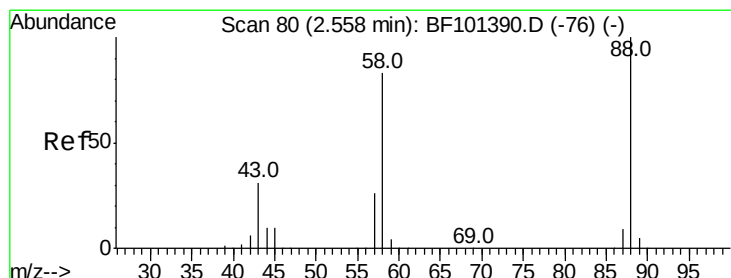
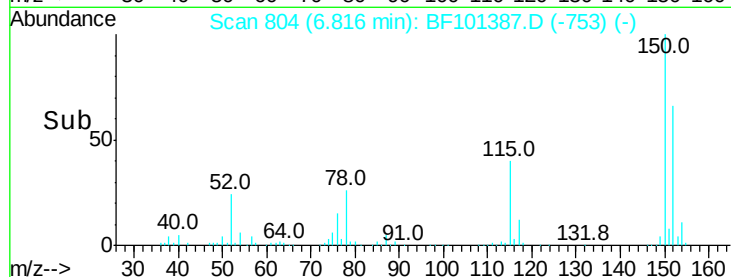
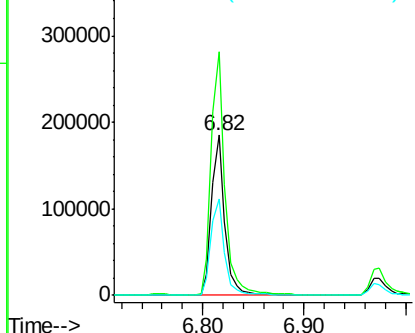
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170813
Ion Ratio Lower Upper
152 100
150 152.3 124.6 186.8
115 60.5 50.1 75.1



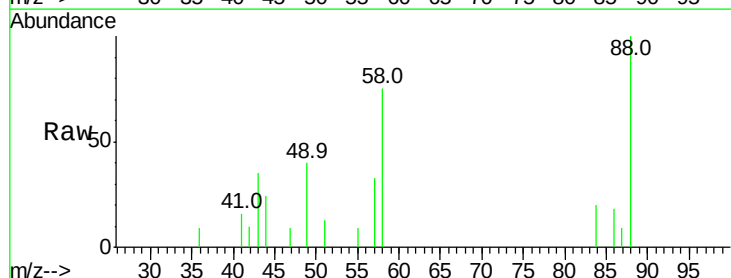
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



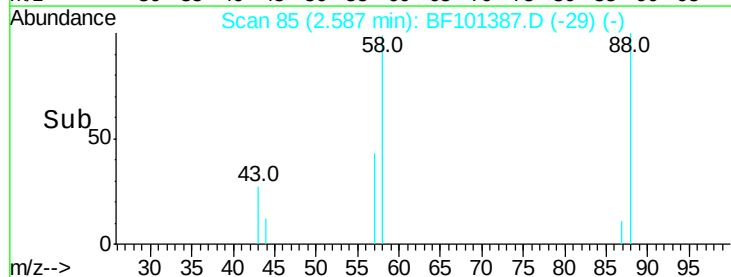
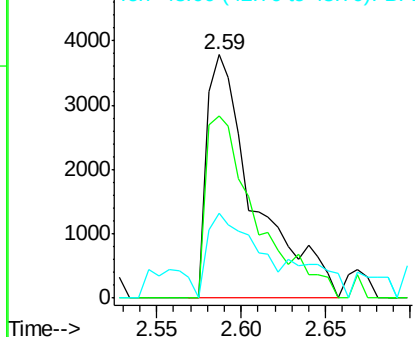
#2

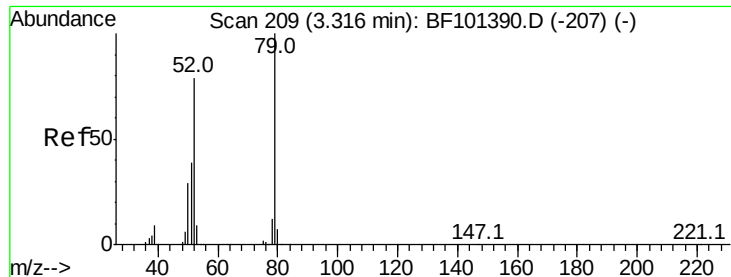
1,4-Dioxane
Concen: 1.760 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.03 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion: 88 Resp: 7522
Ion Ratio Lower Upper
88 100
58 78.0 62.6 93.8
43 34.4 24.6 37.0



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





#3

Pvridine

Concen: 0.792 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.22 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

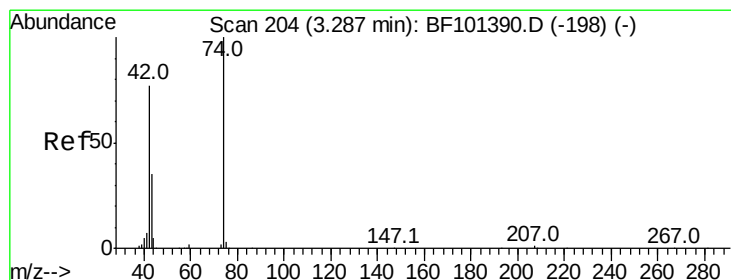
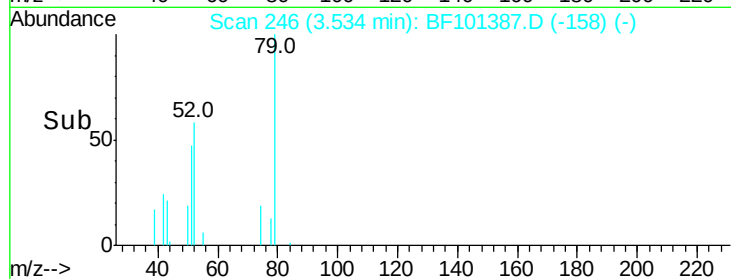
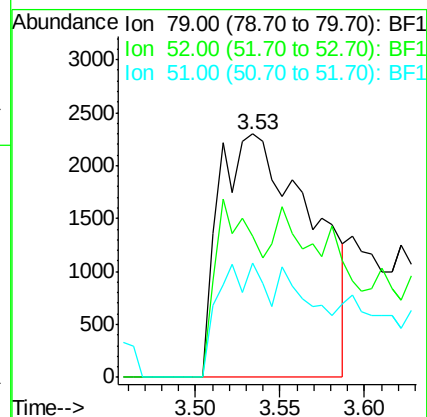
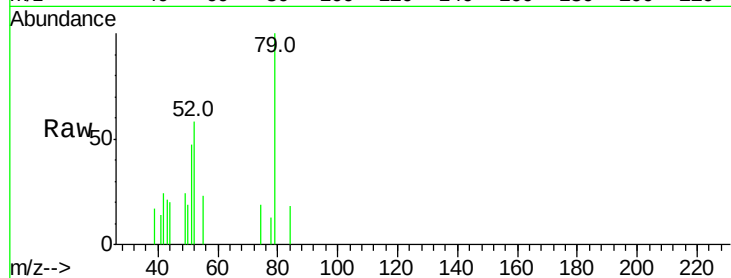
Tot Ion: 79 Resp: 8772

Ion Ratio Lower Upper

79 100

52 57.7 59.8 89.6#

51 47.0 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.644 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.14 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

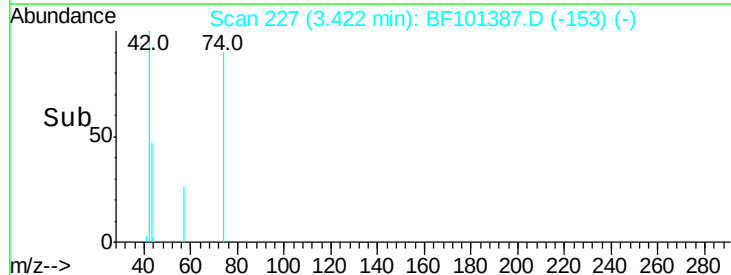
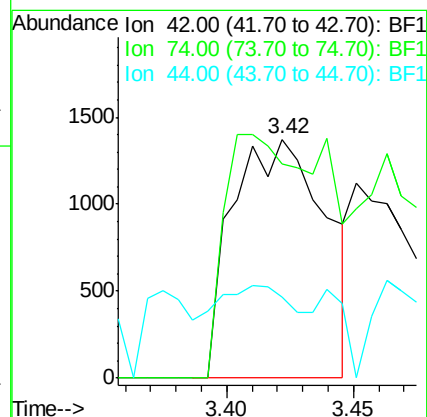
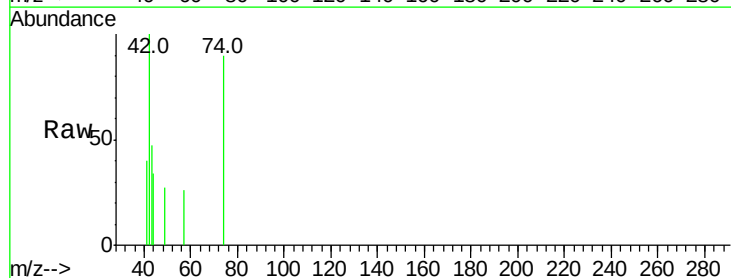
Tgt Ion: 42 Resp: 3486

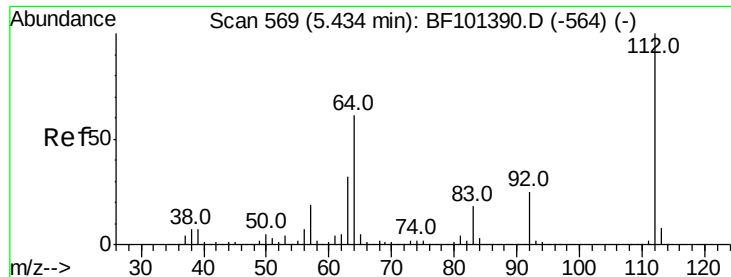
Ion Ratio Lower Upper

42 100

74 89.9 104.9 157.3#

44 33.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 2.660 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

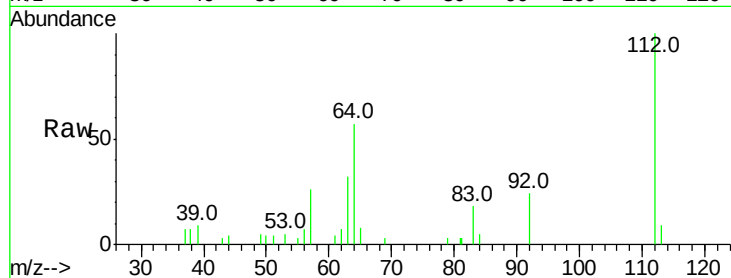
Tot Ion:112 Resp: 27500

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

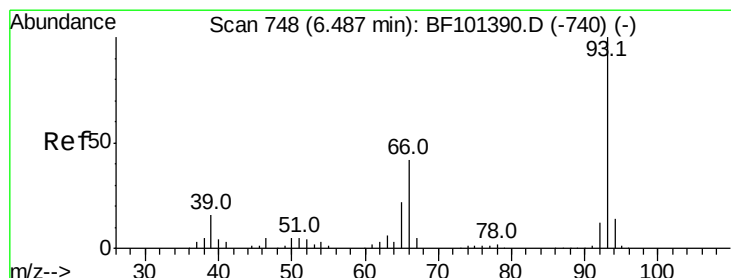
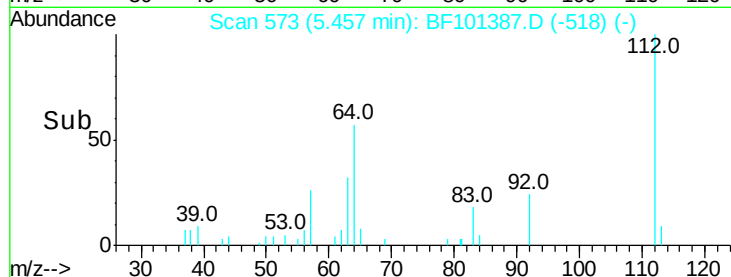
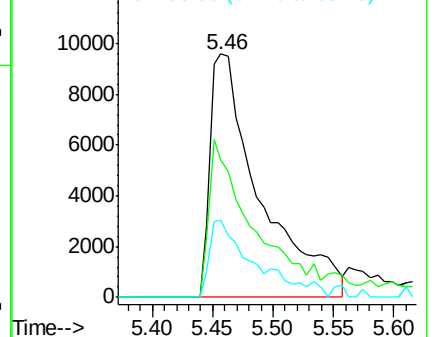
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.691 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

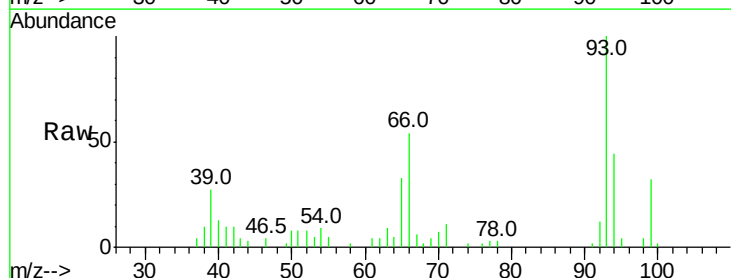
Tgt Ion: 93 Resp: 27591

Ion Ratio Lower Upper

93 100

66 54.3 32.2 48.2#

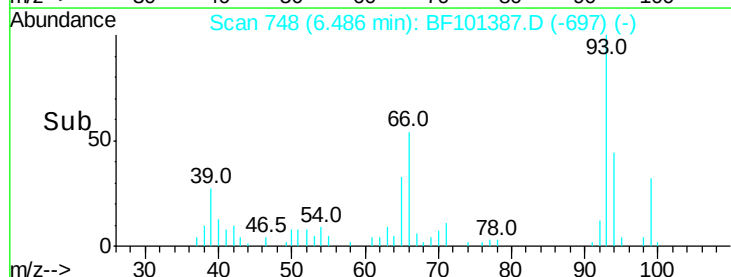
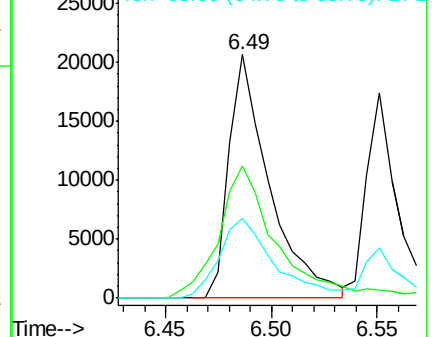
65 32.8 16.4 24.6#

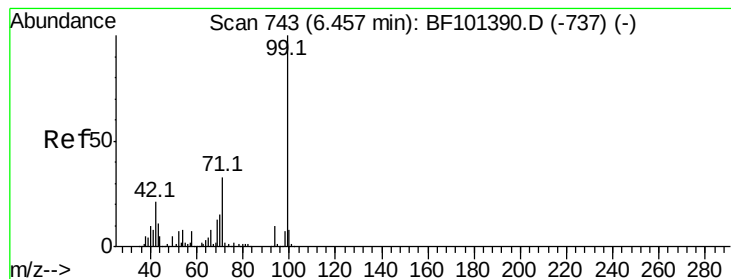


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 3.319 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

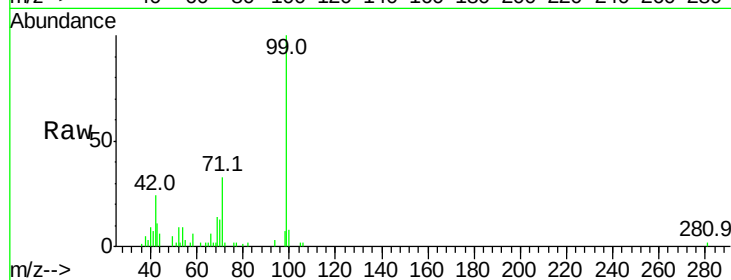
Tot Ion: 99 Resp: 41654

Ion Ratio Lower Upper

99 100

42 24.1 14.5 21.7#

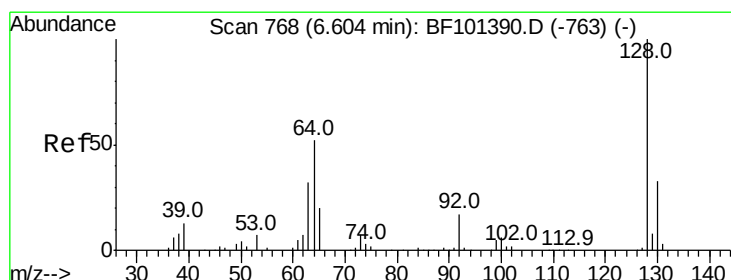
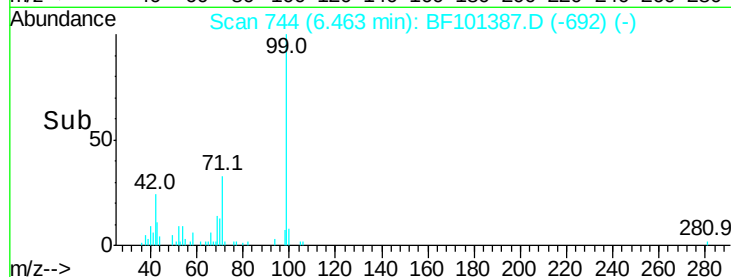
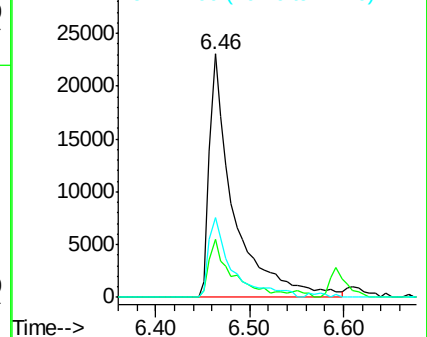
71 32.9 25.4 38.0



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: 1.496 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

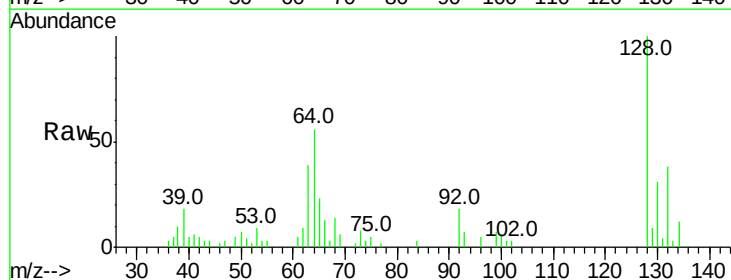
Tgt Ion: 128 Resp: 16856

Ion Ratio Lower Upper

128 100

130 31.0 13.0 53.0

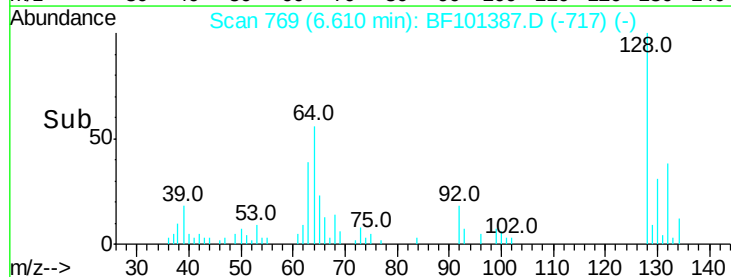
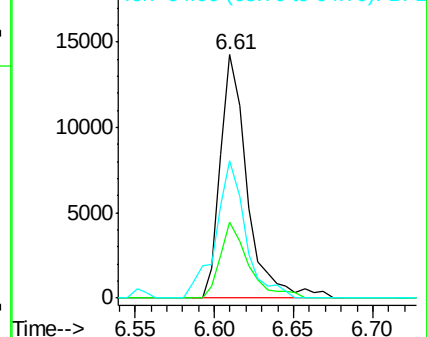
64 56.3 29.4 69.4

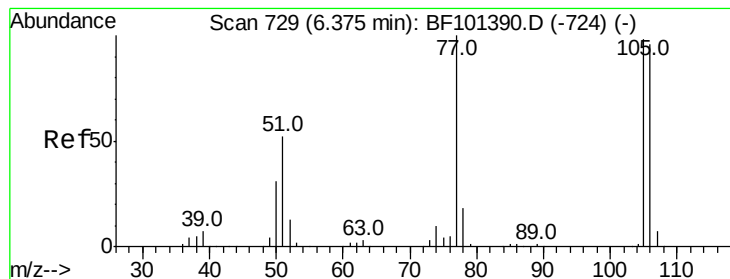


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 1.925 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

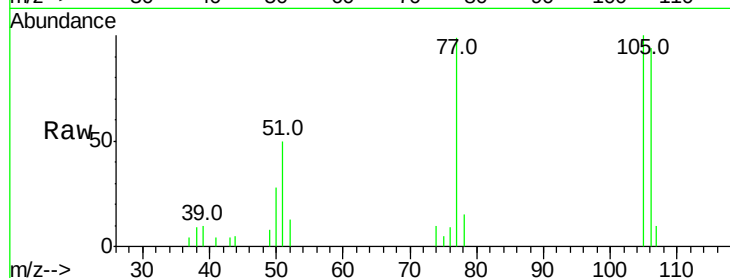
Tot Ion: 77 Resp: 14785

Ion Ratio Lower Upper

77 100

105 100.7 81.1 121.1

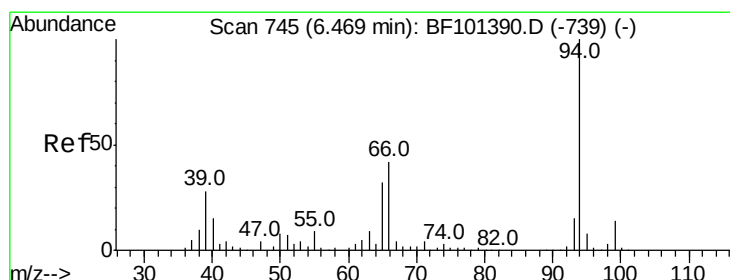
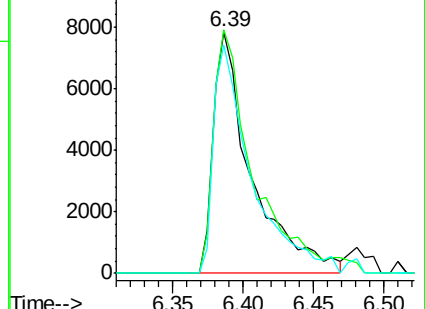
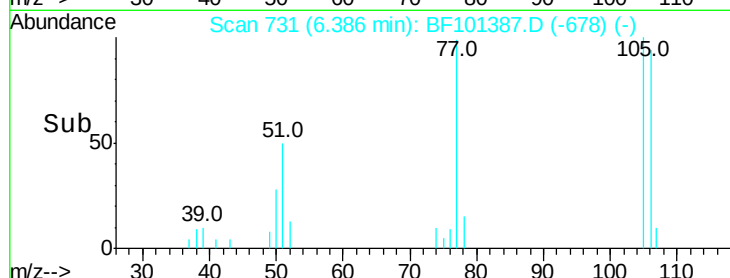
106 94.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 1.600 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

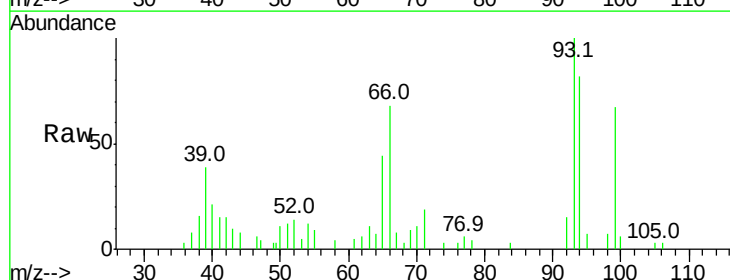
Tgt Ion: 94 Resp: 22329

Ion Ratio Lower Upper

94 100

65 53.8 7.9 47.9#

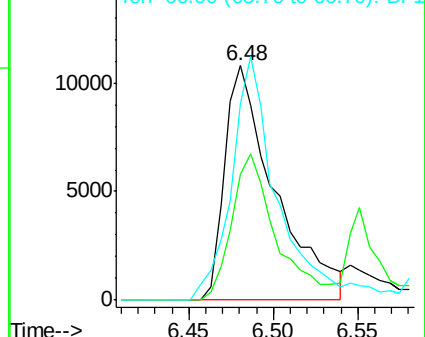
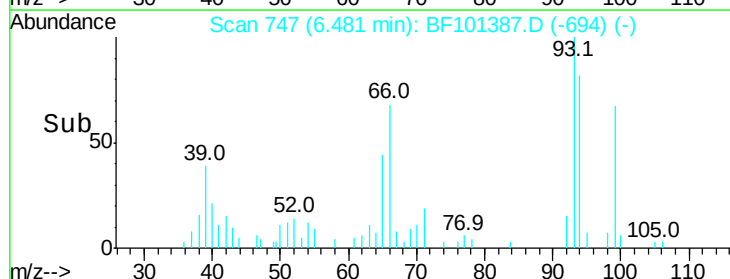
66 83.8 16.2 56.2#

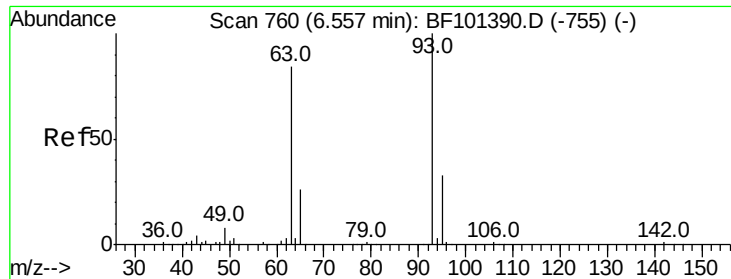


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

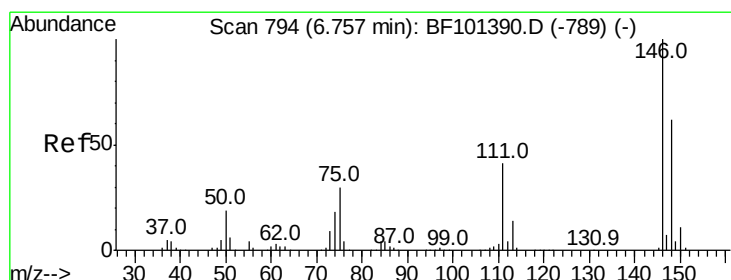
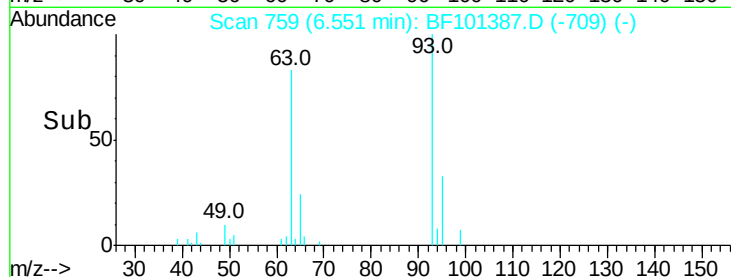
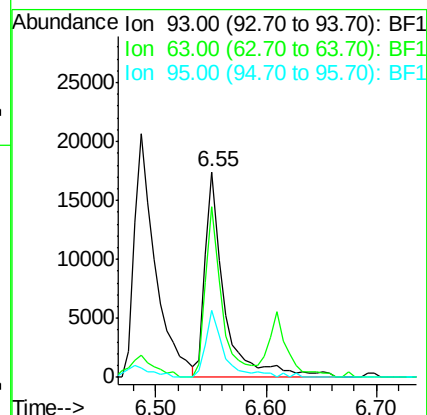
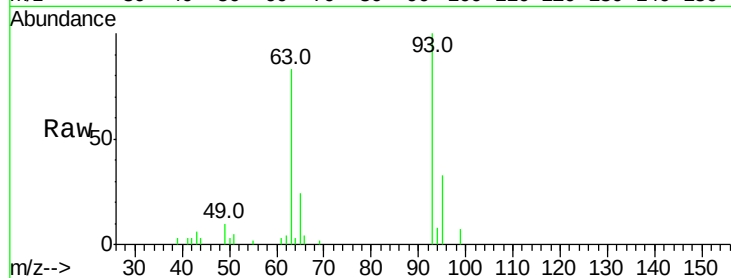




#11
bis(2-Chloroethyl)ether
Concen: 1.992 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

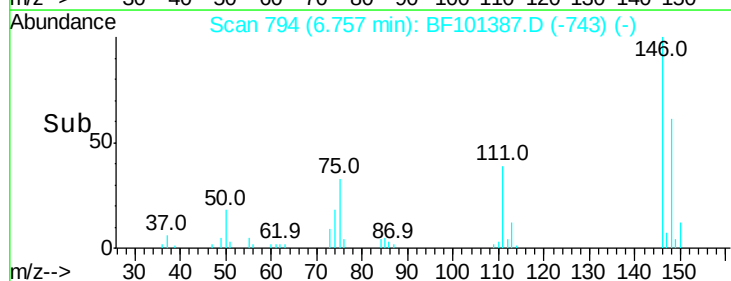
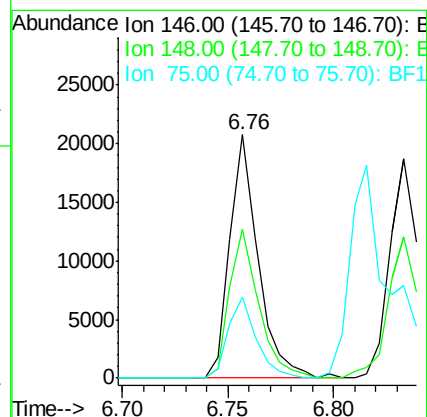
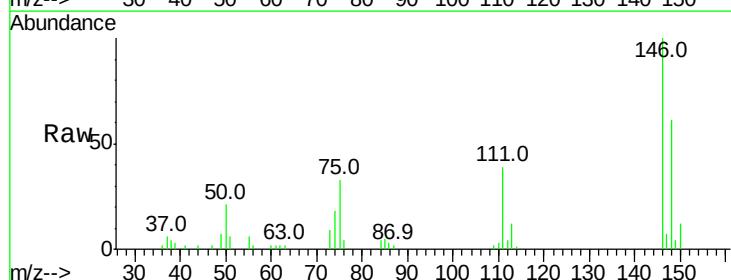
Instrument :
BNA_F
ClientSampleId :

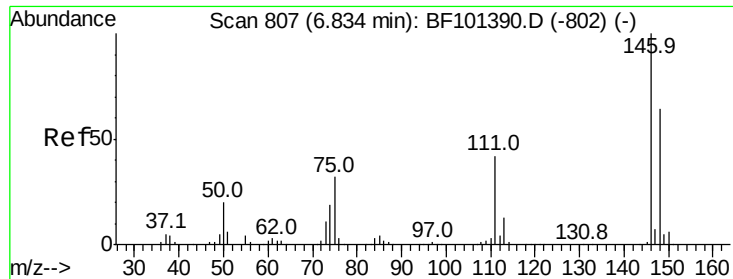
Tot Ion: 93 Resp: 20851
Ion Ratio Lower Upper
93 100
63 83.2 58.6 98.6
95 32.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 1.473 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion: 146 Resp: 19325
Ion Ratio Lower Upper
146 100
148 61.0 51.8 77.8
75 33.0 24.2 36.4

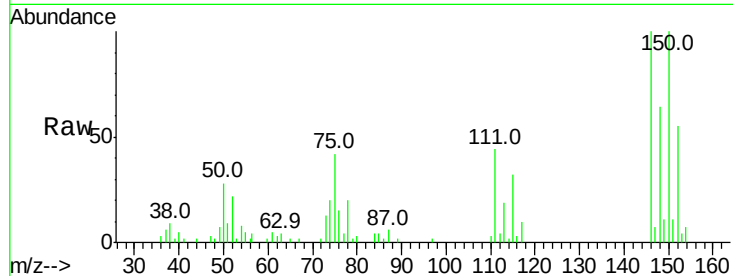




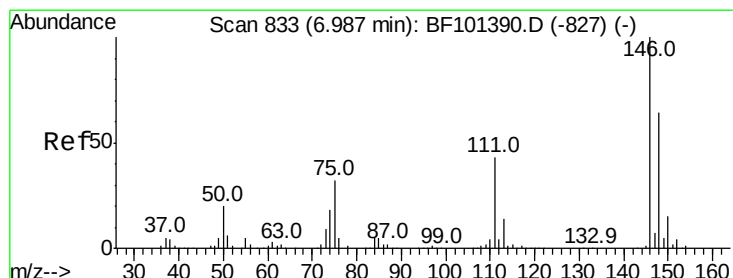
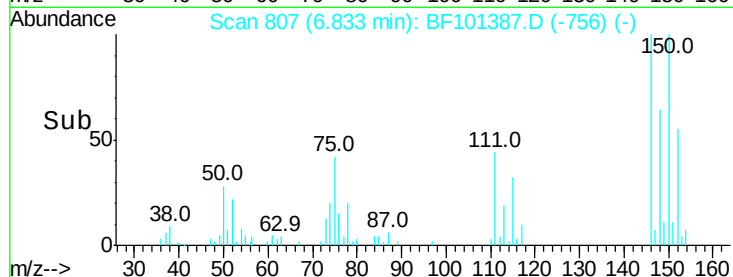
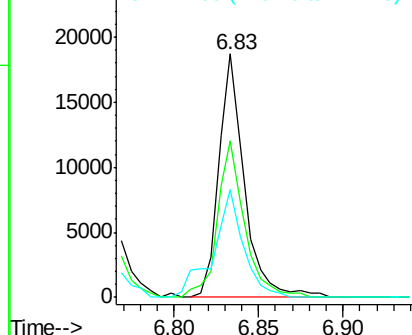
#13
1,4-Dichlorobenzene
Concen: 1.461 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	44.1	34.2	51.2

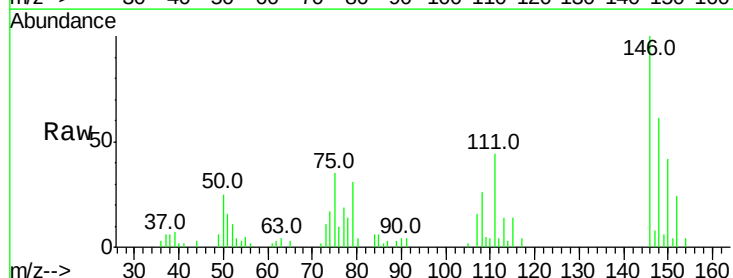


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

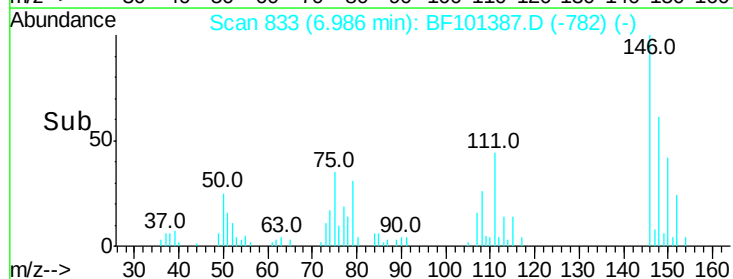
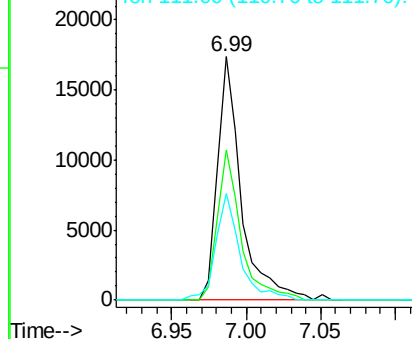


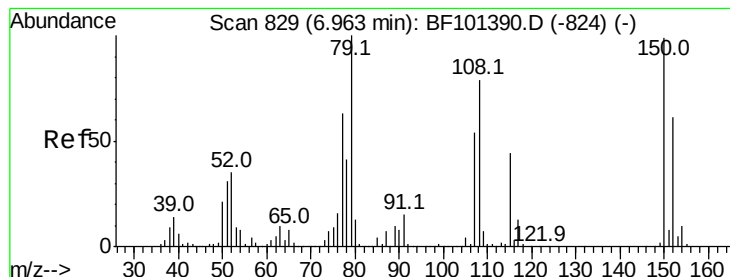
#14
1,2-Dichlorobenzene
Concen: 1.529 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	50.6	75.8
111	43.8	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.589 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.02 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampled :

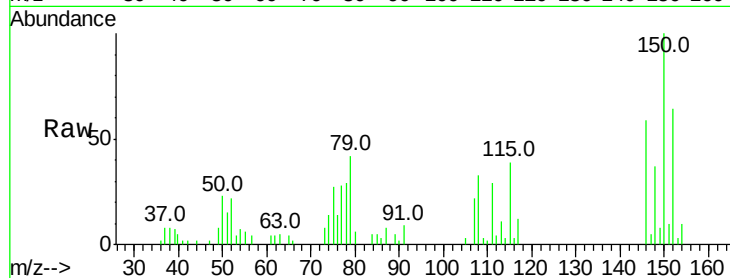
Tot Ion: 79 Resp: 15403

Ion Ratio Lower Upper

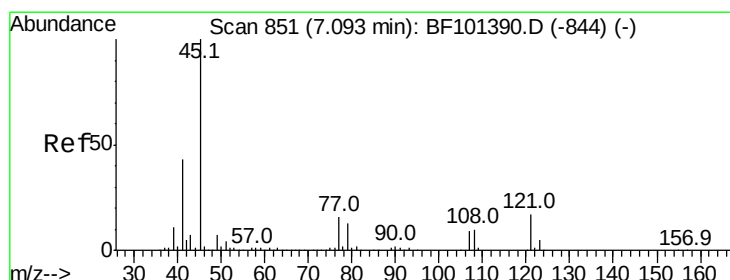
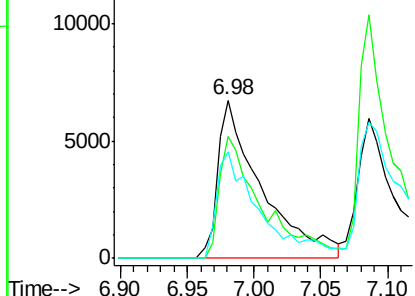
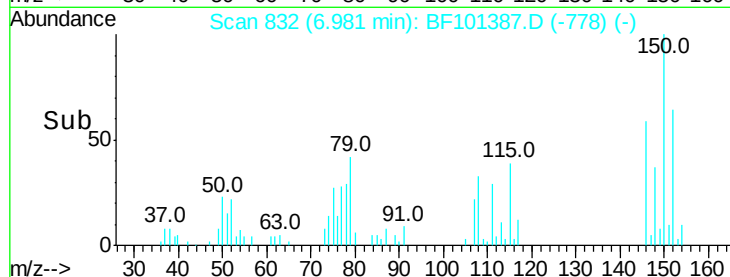
79 100

108 77.5 65.1 97.7

77 67.6 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: 1.977 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

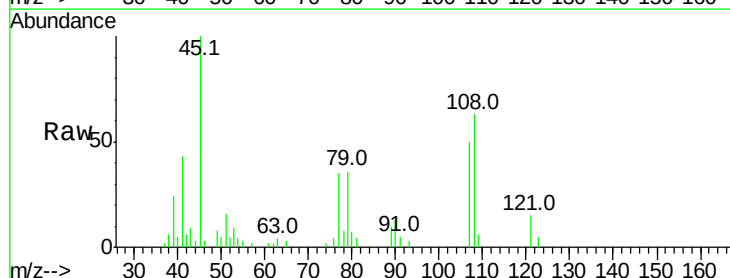
Tgt Ion: 45 Resp: 28129

Ion Ratio Lower Upper

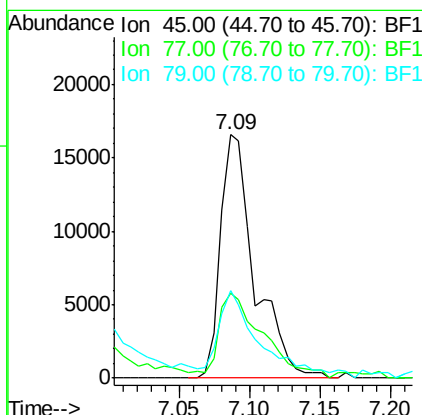
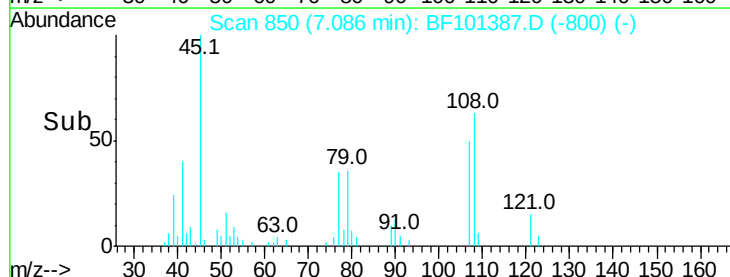
45 100

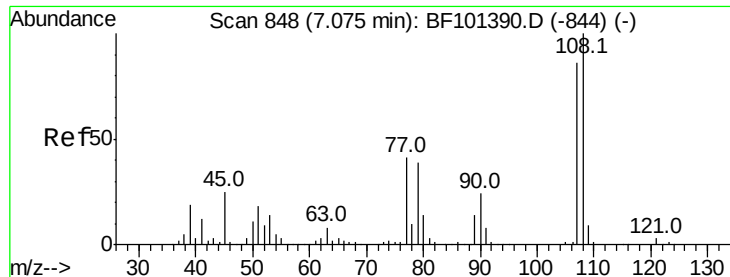
77 35.1 0.0 32.9#

79 35.8 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: 1.584 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 14413

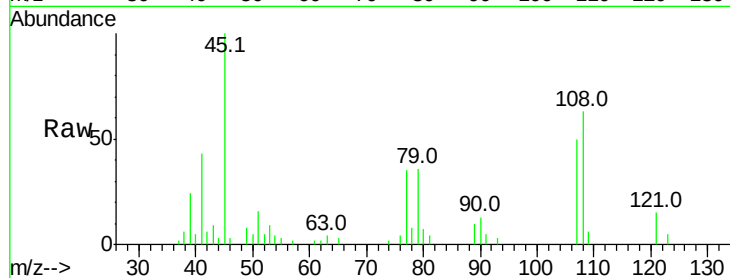
Ion Ratio Lower Upper

107 100

108 124.2 91.7 137.5

77 69.7 33.8 50.8#

79 71.1 33.8 50.8#

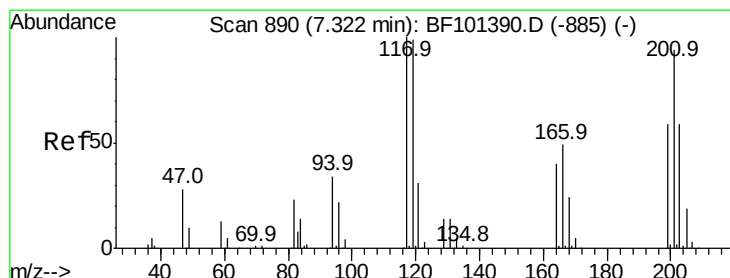
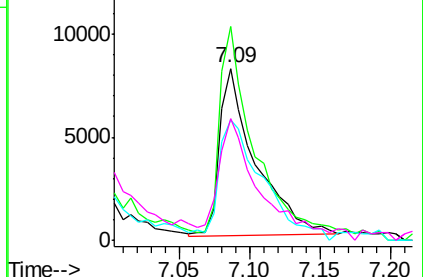
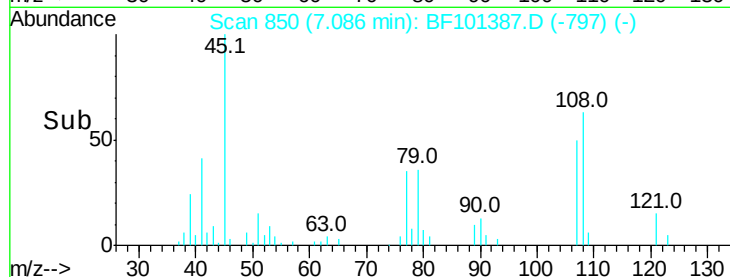


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 1.612 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

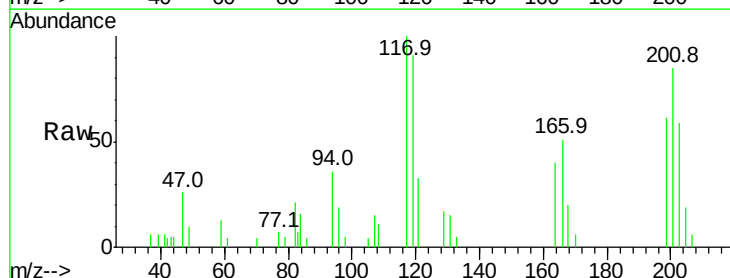
Tgt Ion:117 Resp: 7039

Ion Ratio Lower Upper

117 100

119 91.0 75.8 113.8

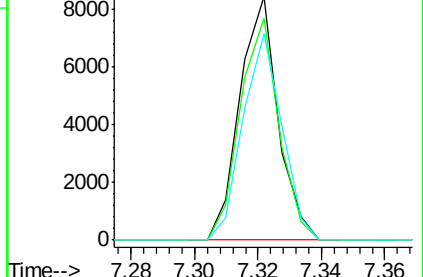
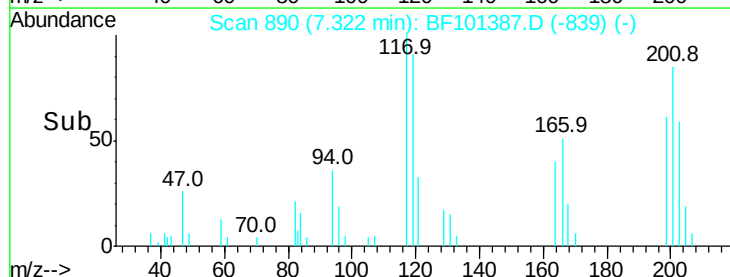
201 84.9 75.7 113.5

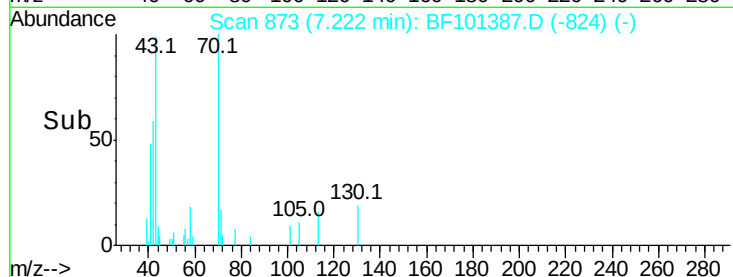
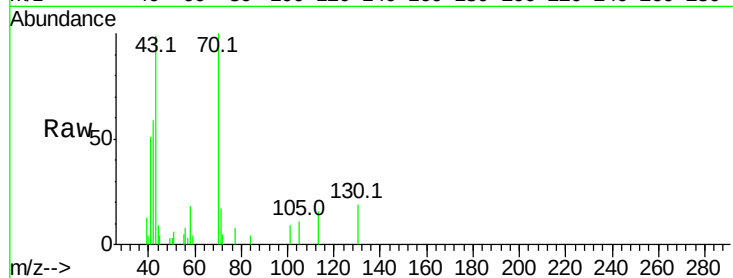
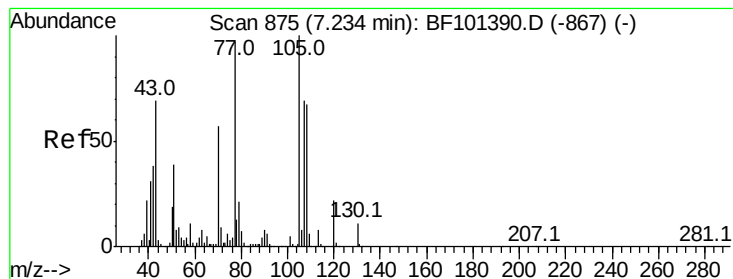


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 1.718 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 14523

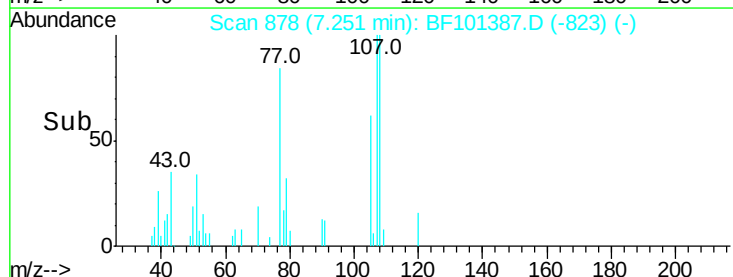
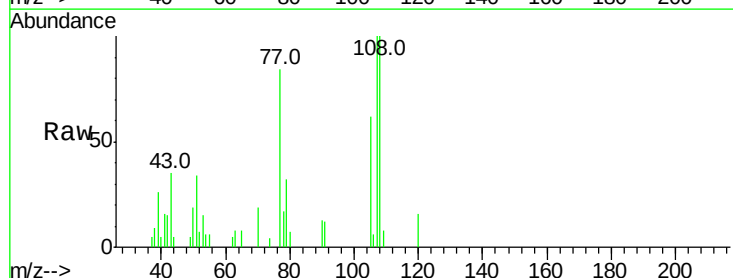
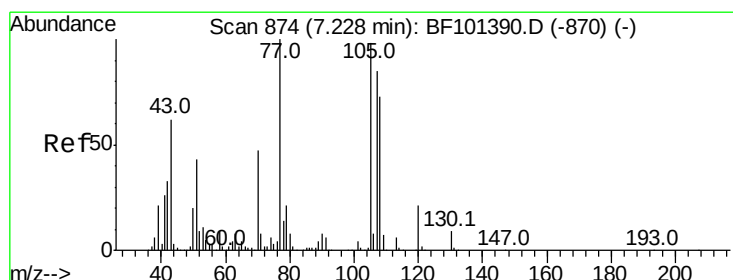
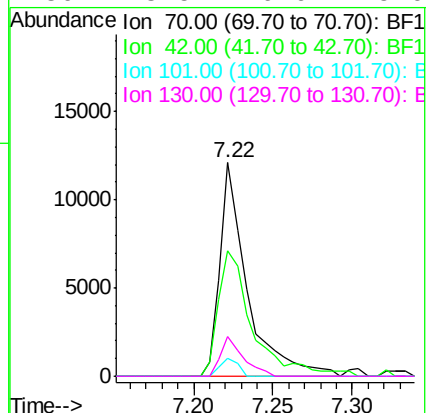
Ion Ratio Lower Upper

70 100

42 58.9 47.5 71.3

101 8.7 7.4 11.2

130 18.5 16.6 25.0



#20

3+4-Methylphenols

Concen: 1.768 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:107 Resp: 20985

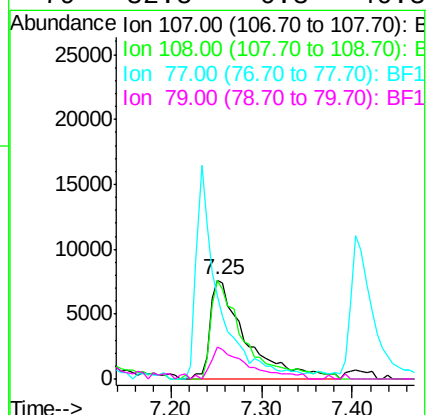
Ion Ratio Lower Upper

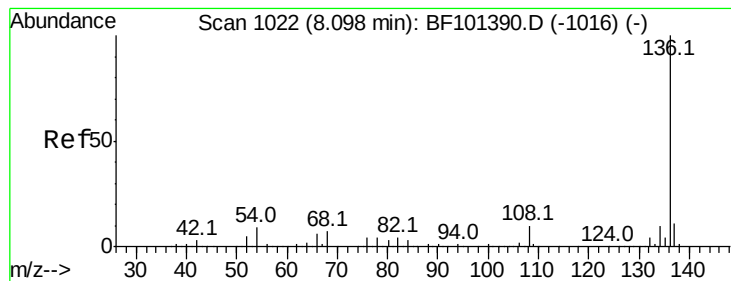
107 100

108 100.2 68.2 108.2

77 84.3 26.7 66.7#

79 32.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 697385

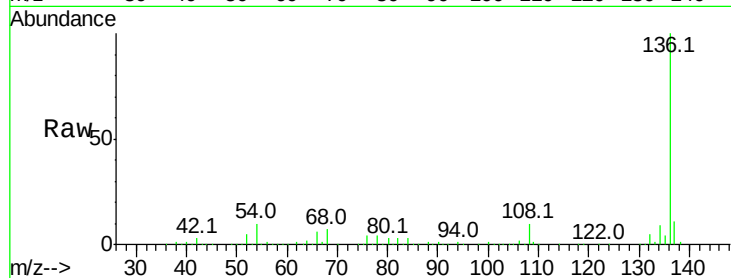
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.6 6.6 9.8

68 6.7 5.0 7.4

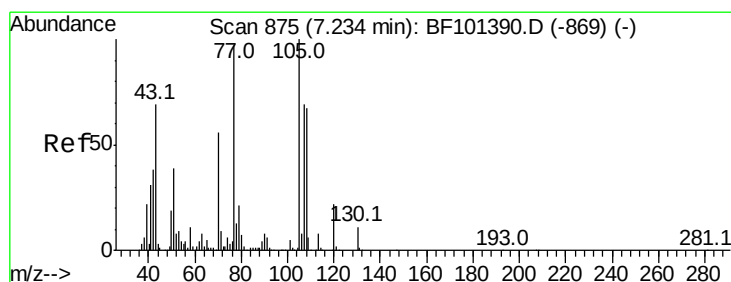
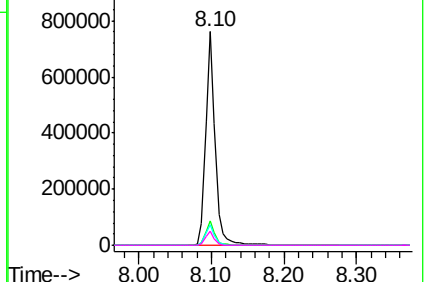
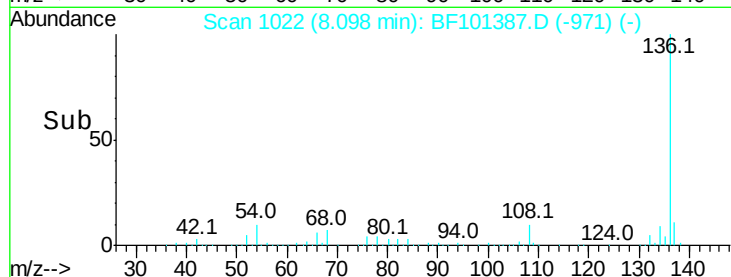


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.696 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:105 Resp: 28581

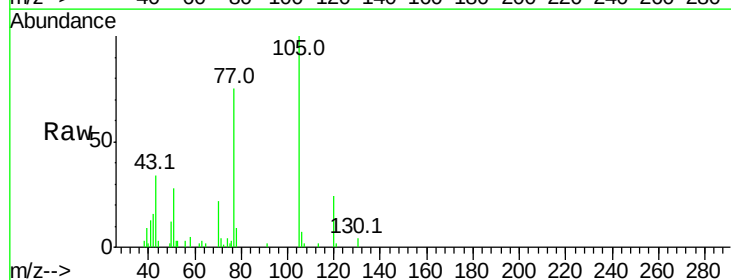
Ion Ratio Lower Upper

105 100

71 4.3 4.4 6.6#

51 27.8 22.3 33.5

120 23.9 16.9 25.3

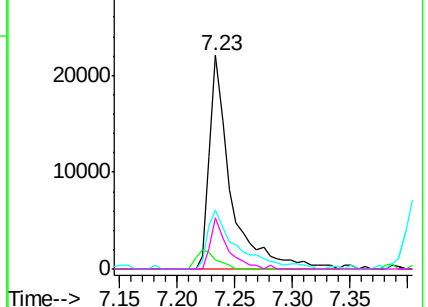
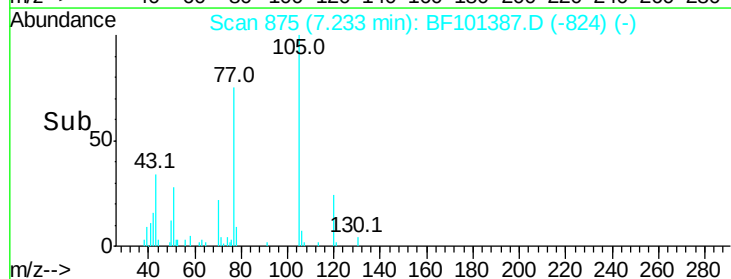


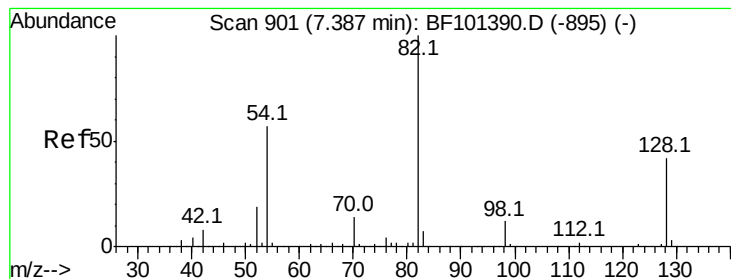
Abundance Ion 105.00 (104.70 to 105.70): E

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: 2.843 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampled :

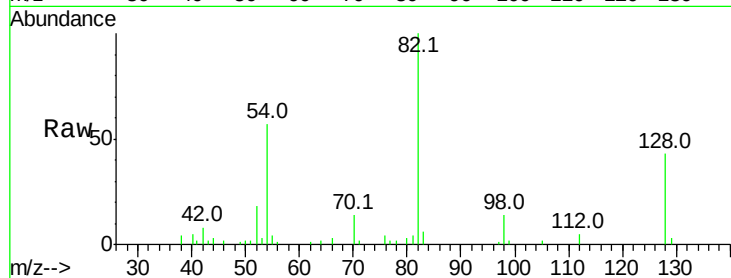
Tot Ion: 82 Resp: 33233

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

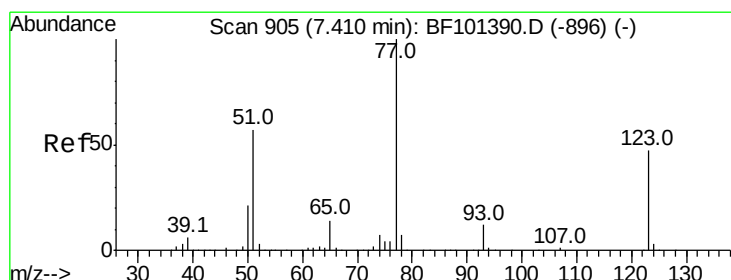
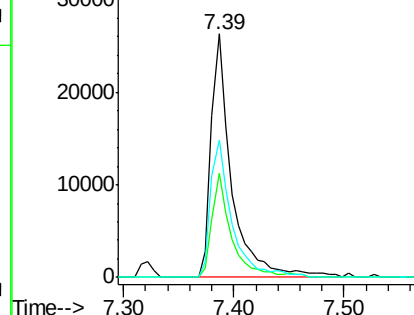
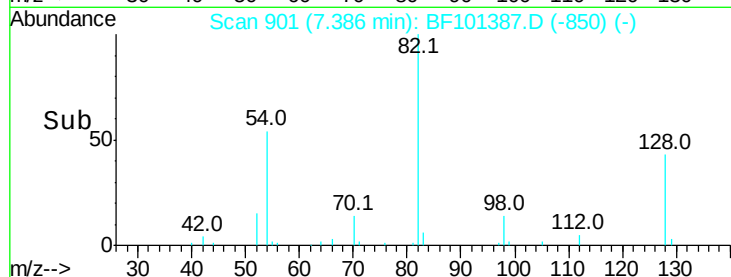
54 56.6 41.4 62.2



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: 1.698 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

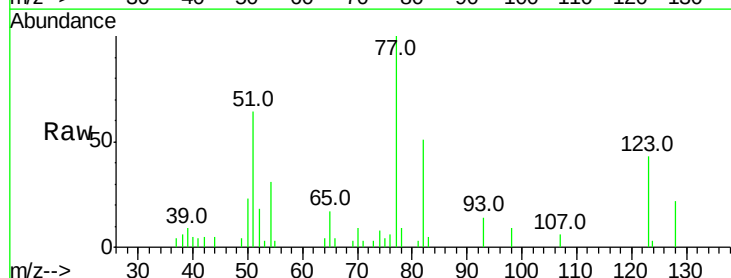
Tgt Ion: 77 Resp: 19459

Ion Ratio Lower Upper

77 100

123 42.9 37.9 56.9

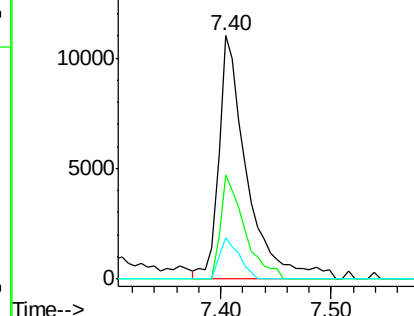
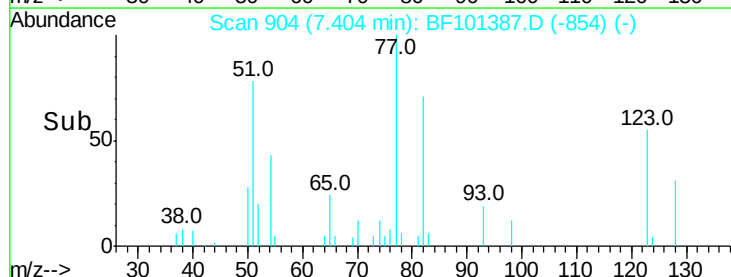
65 17.3 11.0 16.4#

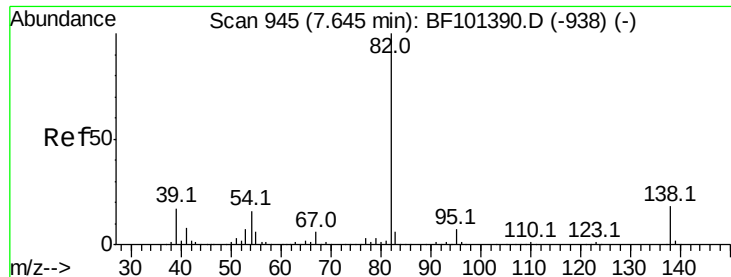


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 1.759 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

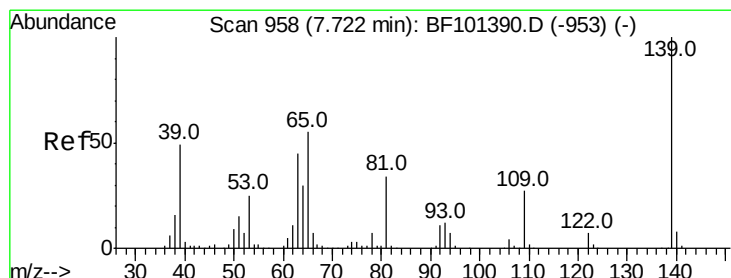
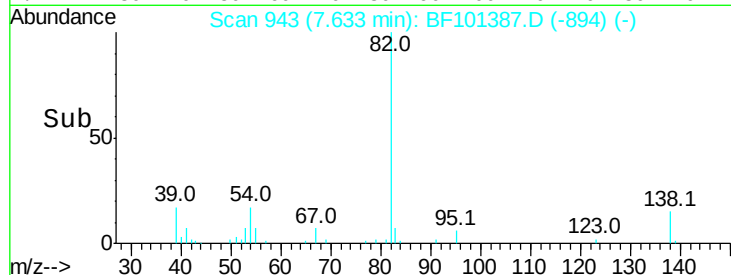
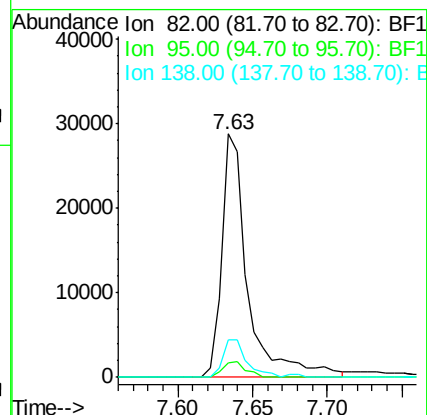
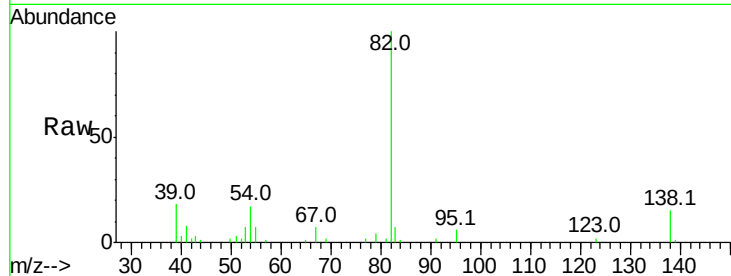
Tot Ion: 82 Resp: 35126

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

138 15.5 14.9 22.3



#26

2-Nitrophenol

Concen: 0.892 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

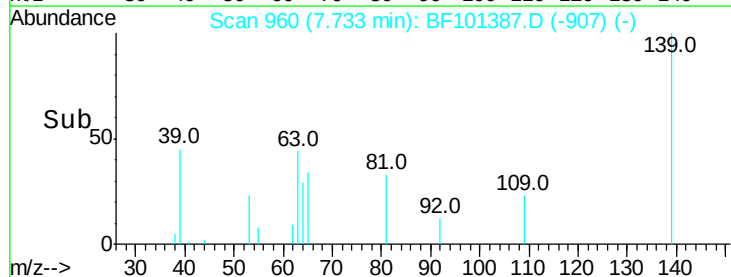
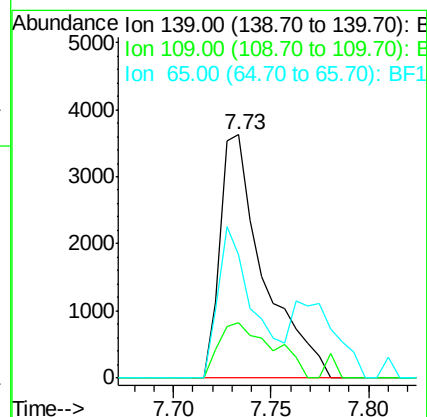
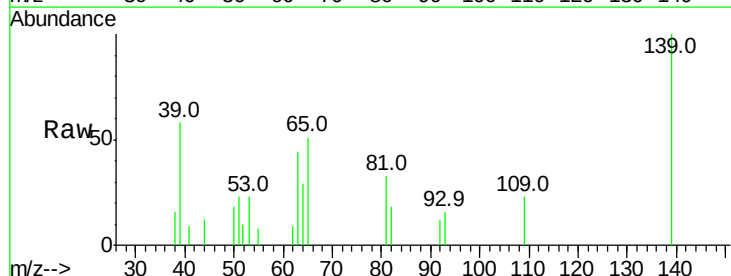
Tgt Ion: 139 Resp: 5610

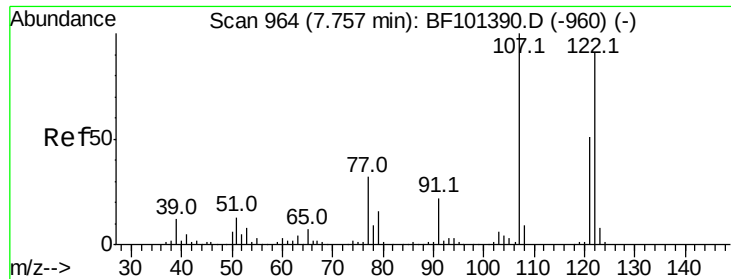
Ion Ratio Lower Upper

139 100

109 22.6 22.7 34.1#

65 50.8 40.5 60.7

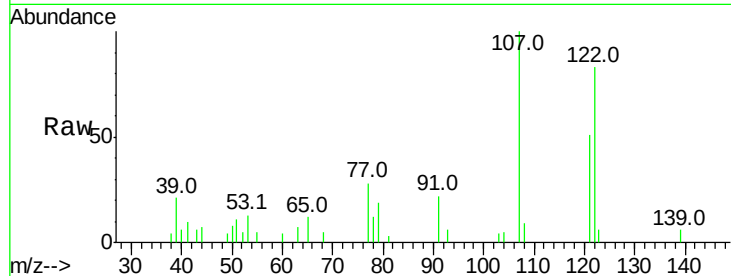




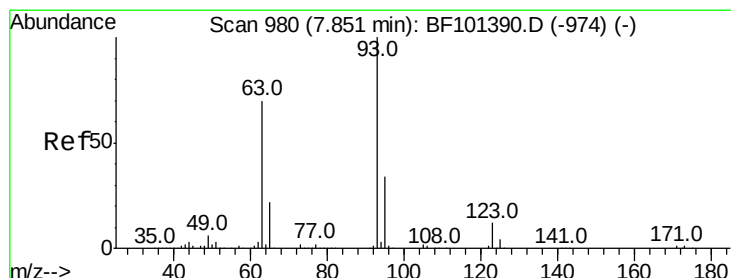
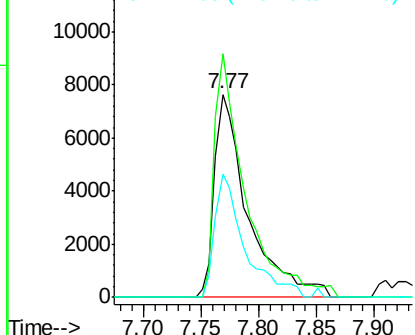
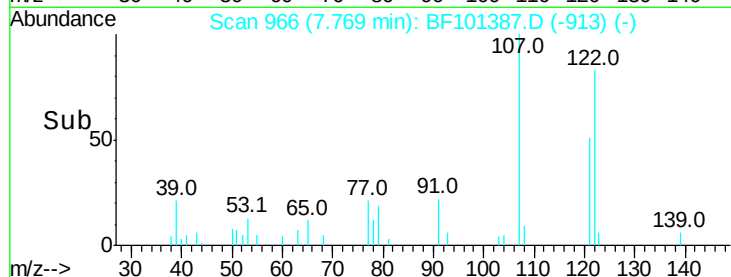
#27
 2,4-Dimethylphenol
 Concen: 1.704 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 15505
 Ion Ratio Lower Upper
 122 100
 107 120.0 91.2 136.8
 121 60.7 47.2 70.8

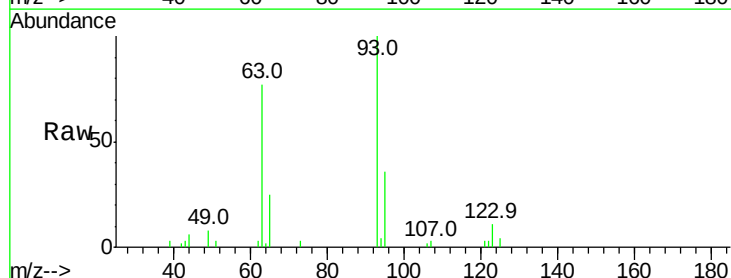


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

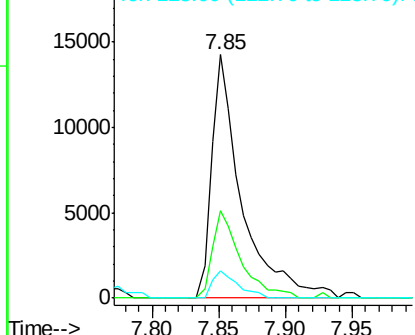
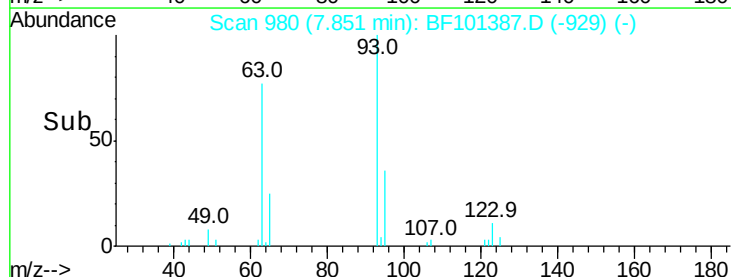


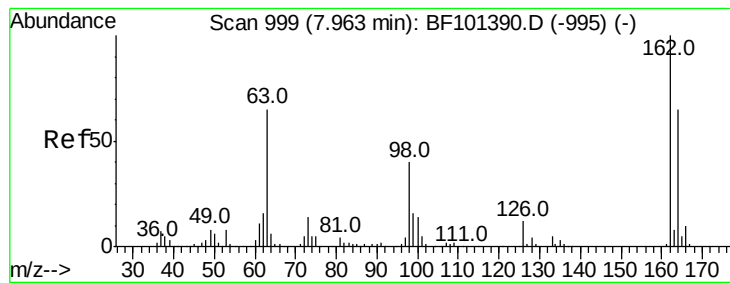
#28
 bis(2-Chloroethoxy)methane
 Concen: 1.677 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion: 93 Resp: 22504
 Ion Ratio Lower Upper
 93 100
 95 36.1 26.3 39.5
 123 11.4 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 1.341 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.04 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampled :

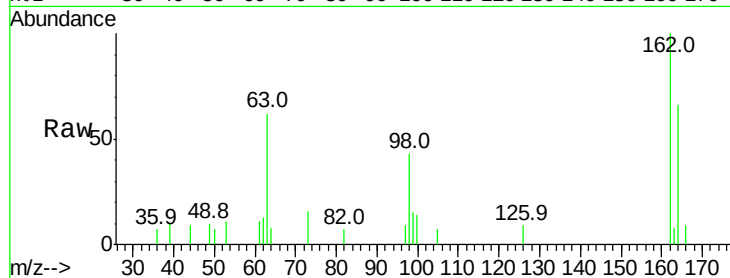
Tot Ion:162 Resp: 13282

Ion Ratio Lower Upper

162 100

164 66.0 42.7 82.7

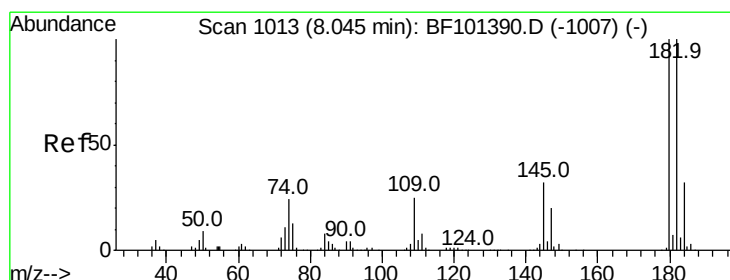
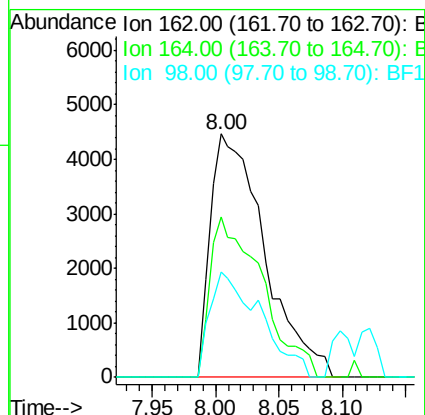
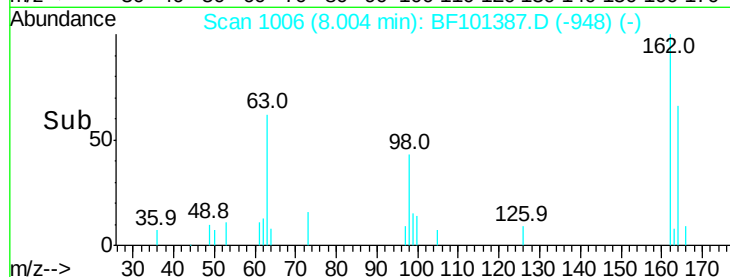
98 43.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 1.389 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

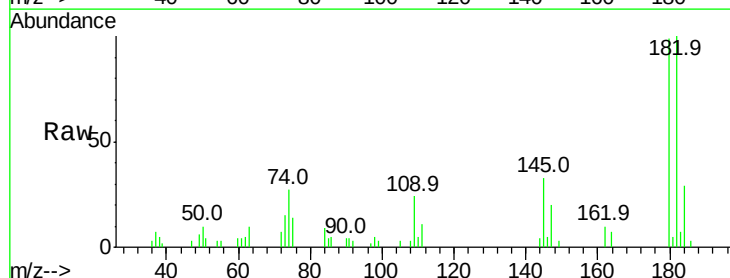
Tgt Ion:180 Resp: 15131

Ion Ratio Lower Upper

180 100

182 100.8 76.8 115.2

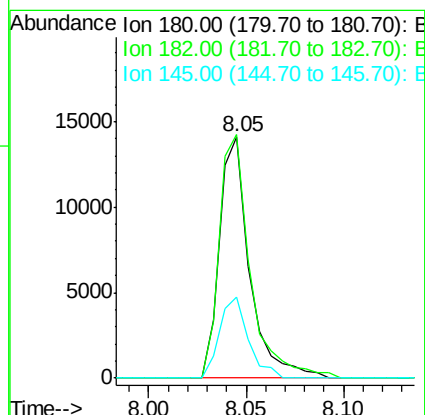
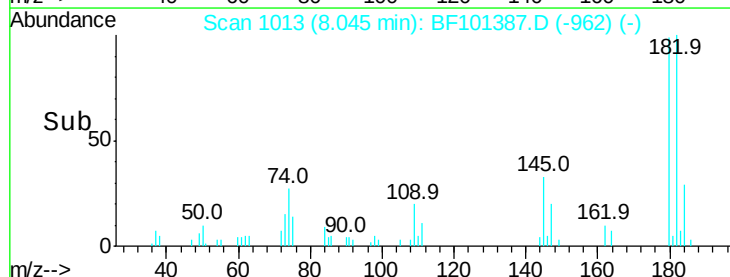
145 33.7 26.5 39.7

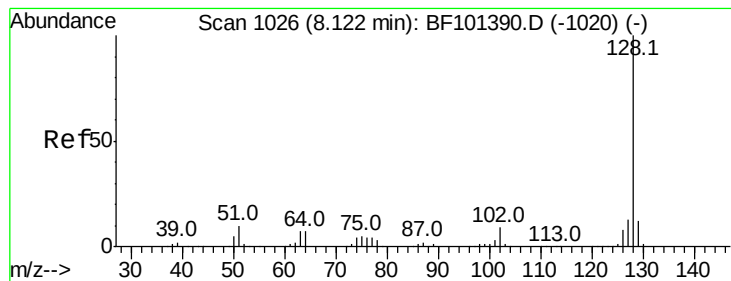


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 1.578 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

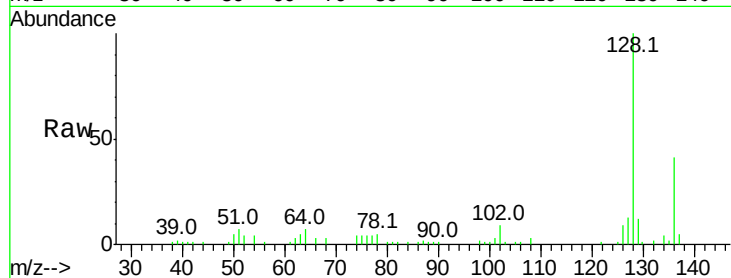
Tot Ion:128 Resp: 54228

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

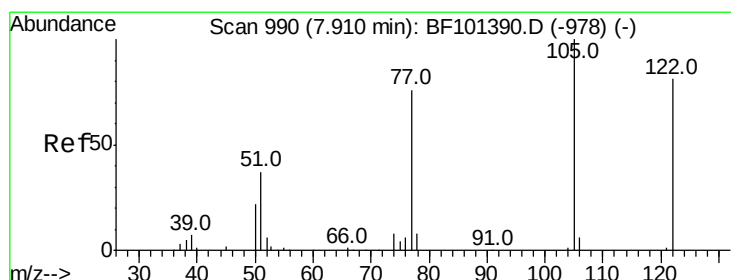
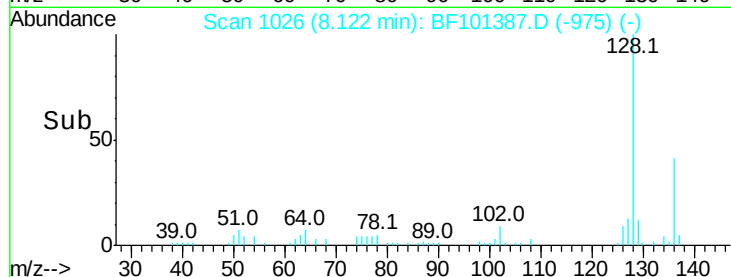
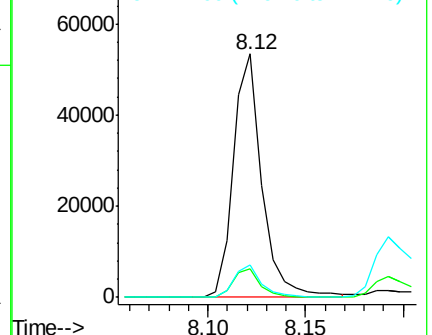
127 13.3 10.9 16.3



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: 0.073 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

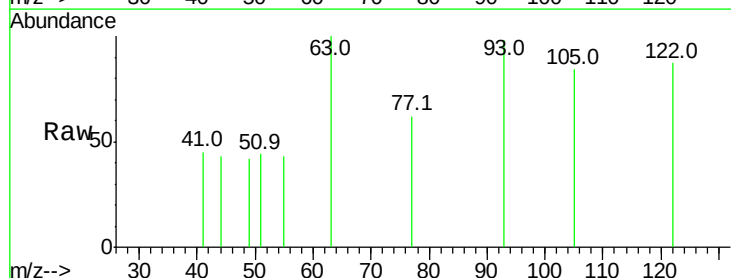
Tgt Ion:122 Resp: 514

Ion Ratio Lower Upper

122 100

105 96.4 101.1 141.1#

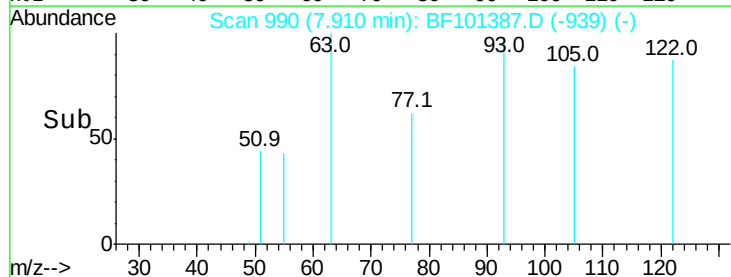
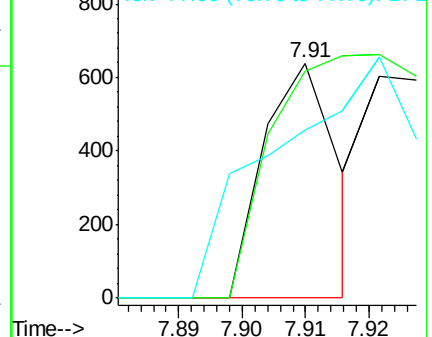
77 71.5 70.7 110.7

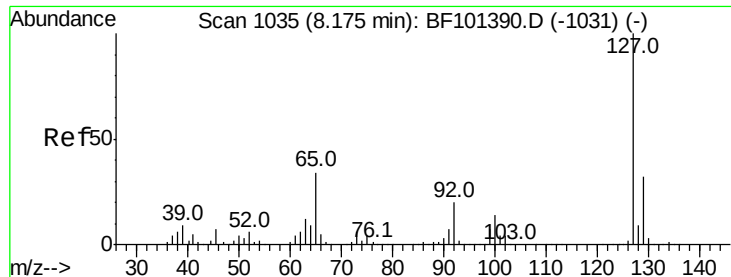


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

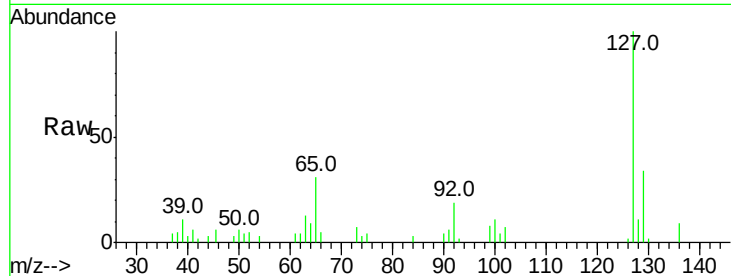




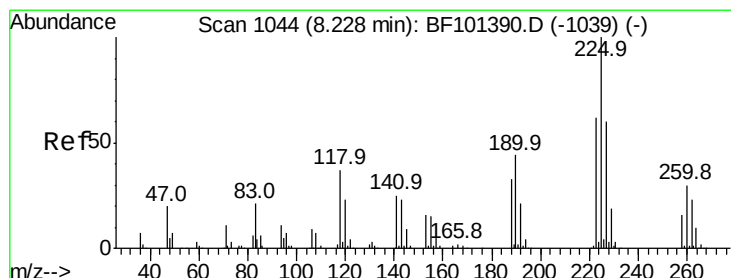
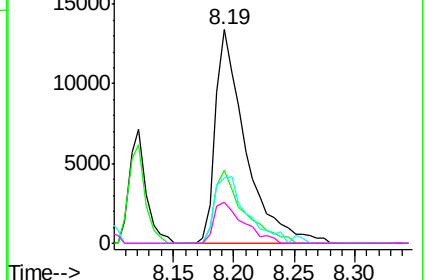
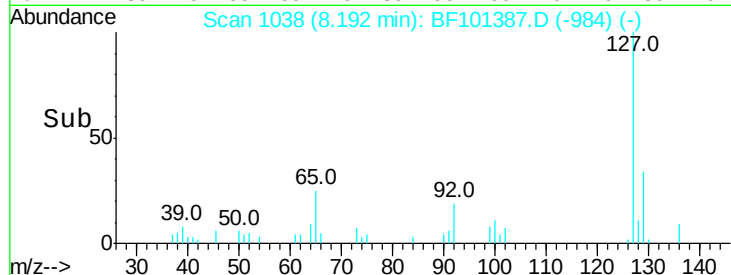
#33
 4-Chloroaniline
 Concen: 1.671 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.02 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	23077
Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.9	38.9
65	30.8	25.0	37.4
92	19.2	15.2	22.8

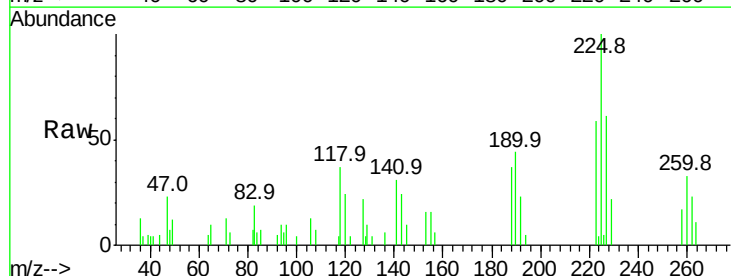


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

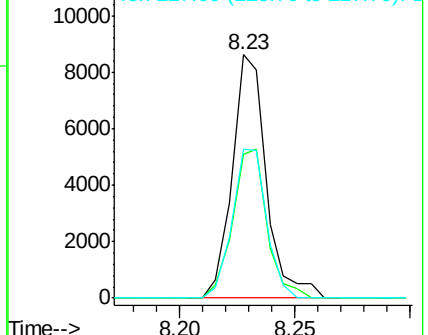
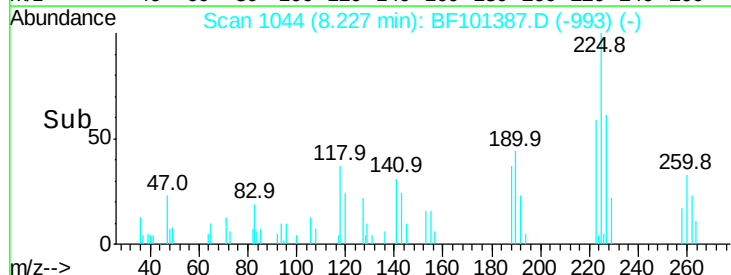


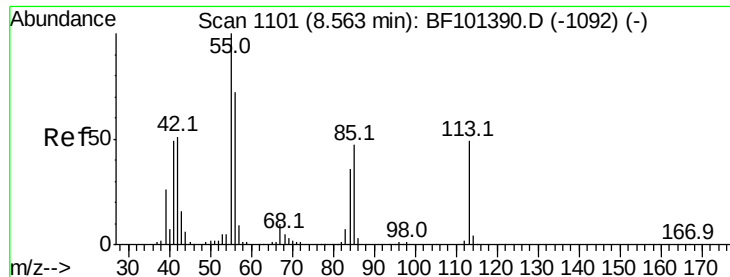
#34
 Hexachlorobutadiene
 Concen: 1.328 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:	225	Resp:	8872
Ion	Ratio	Lower	Upper
225	100		
223	56.2	50.6	76.0
227	58.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 1.338 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampled :

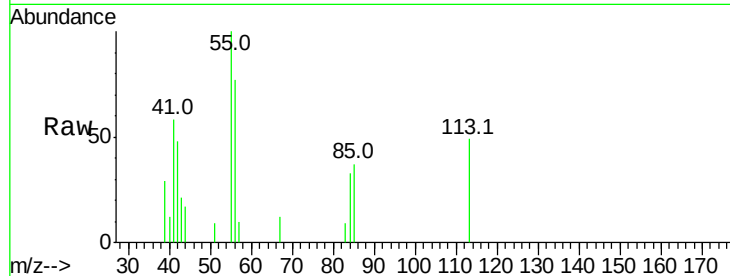
Tot Ion:113 Resp: 4130

Ion Ratio Lower Upper

113 100

55 203.9 163.3 203.3#

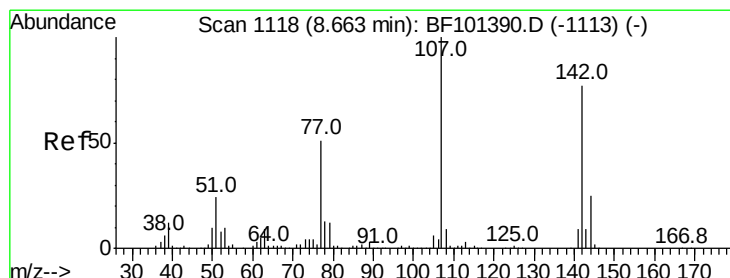
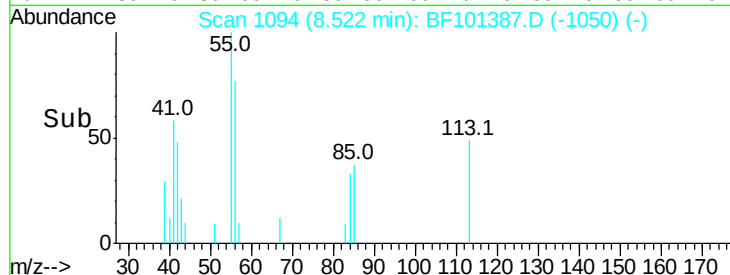
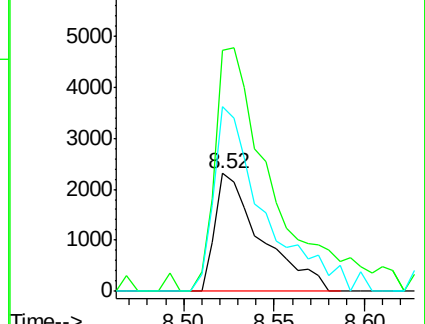
56 157.1 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 1.520 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

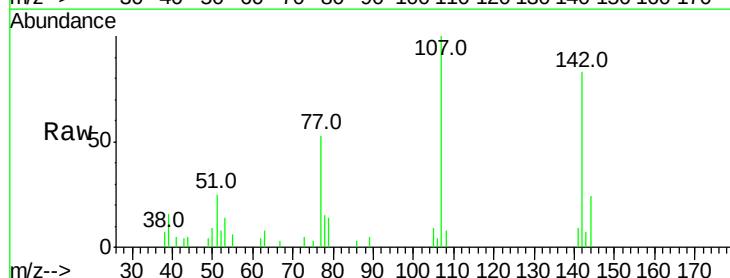
Tgt Ion:107 Resp: 15591

Ion Ratio Lower Upper

107 100

144 24.1 20.5 30.7

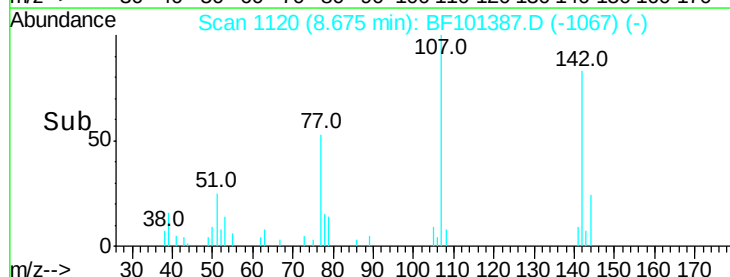
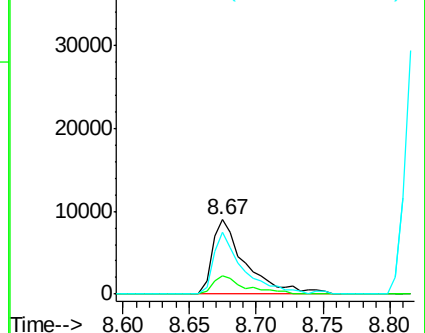
142 83.3 62.0 93.0

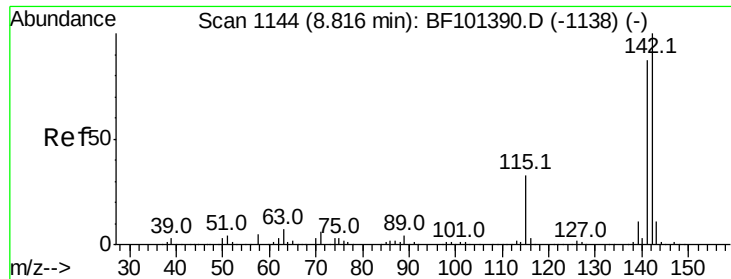


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

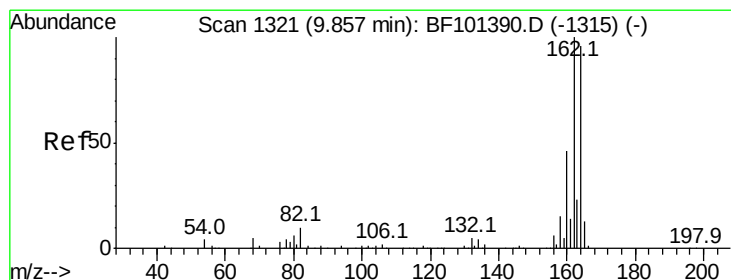
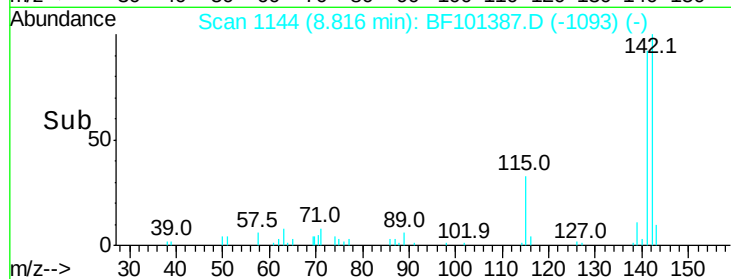
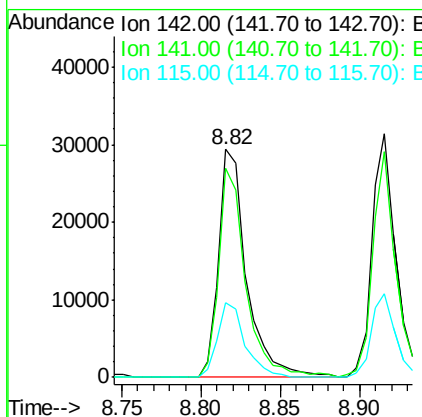
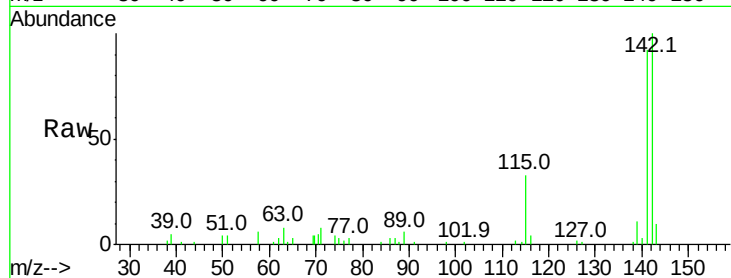




#37
2-Methylnaphthalene
Concen: 1.543 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

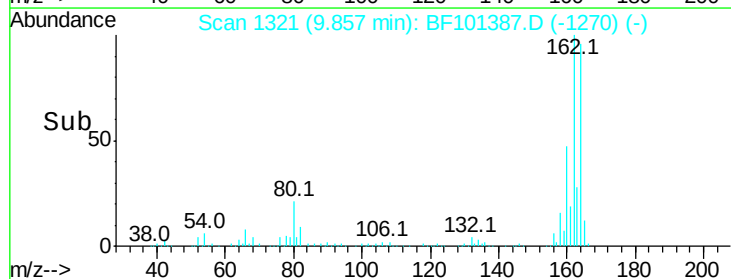
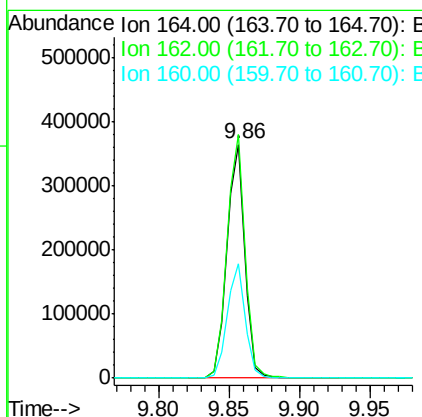
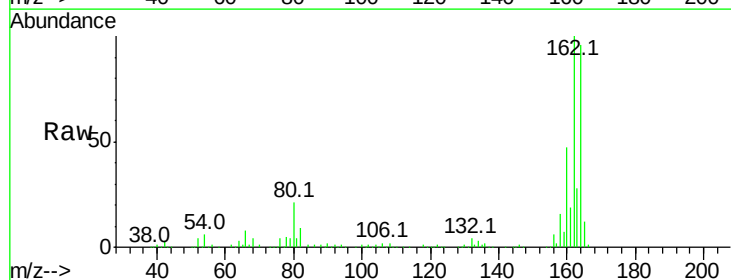
Instrument :
BNA_F
ClientSampleId :

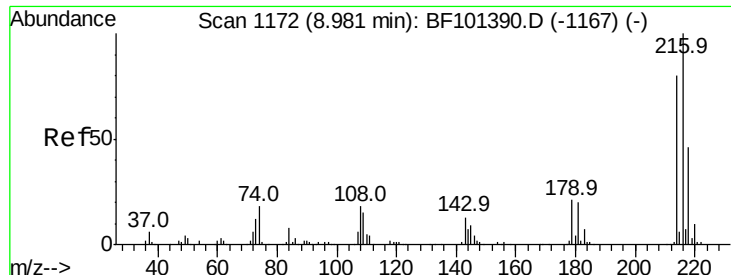
Tot Ion:142 Resp: 36031
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2
115 32.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:164 Resp: 319612
Ion Ratio Lower Upper
164 100
162 104.3 86.1 129.1
160 49.0 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1.405 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 16309

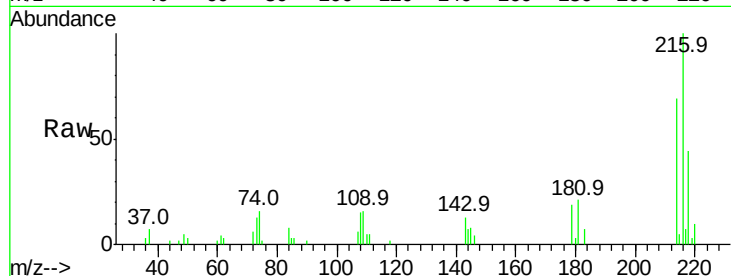
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 19.4 18.1 27.1

108 18.0 17.2 25.8

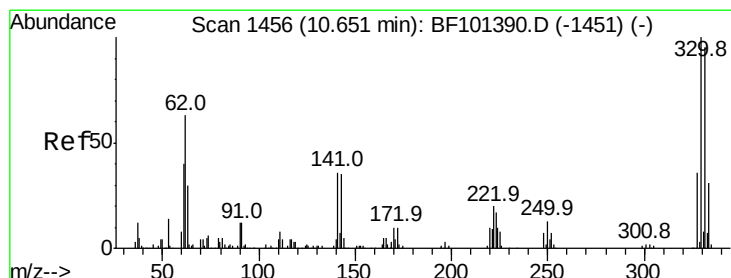
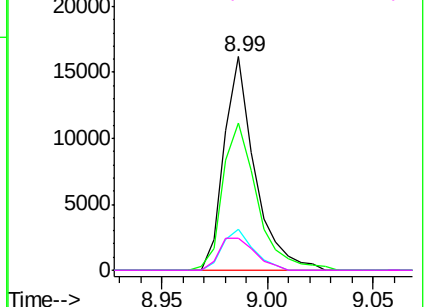
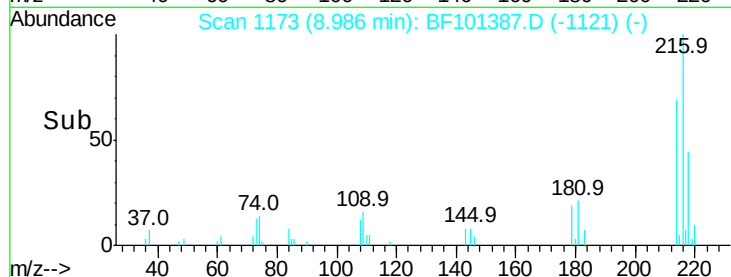


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 2.067 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

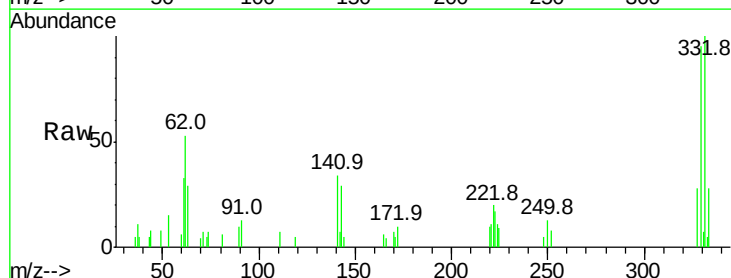
Tgt Ion:330 Resp: 7935

Ion Ratio Lower Upper

330 100

332 102.1 77.0 115.6

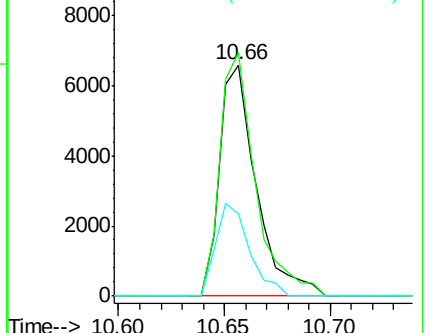
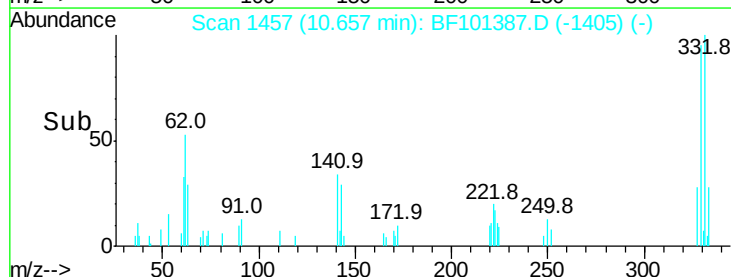
141 36.8 29.9 44.9

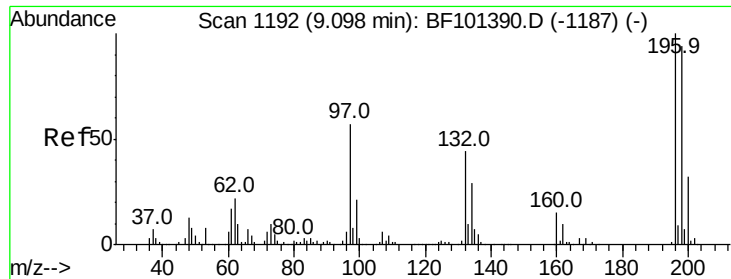


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

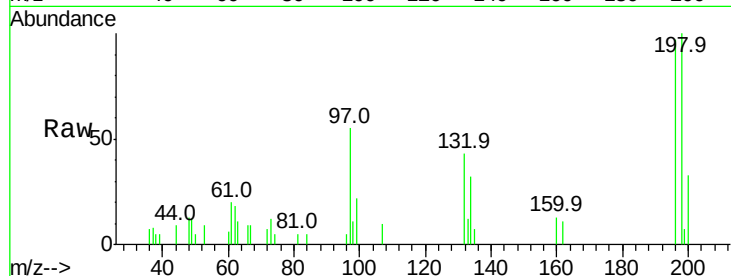




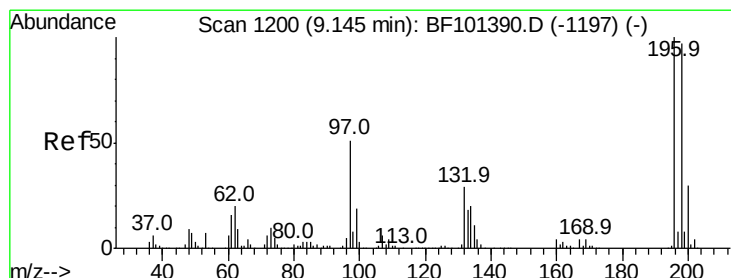
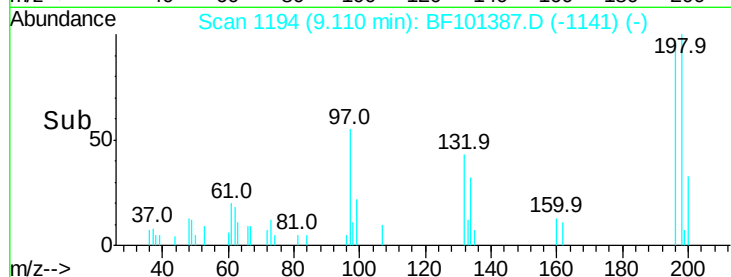
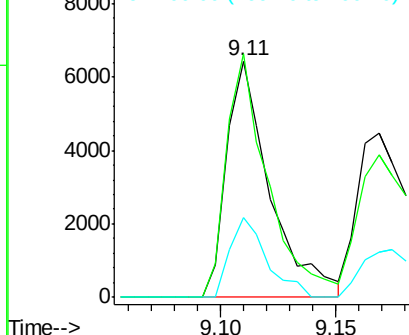
#42
 2,4,6-Trichlorophenol
 Concen: 1.238 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 8424
 Ion Ratio Lower Upper
 196 100
 198 103.1 75.7 113.5
 200 33.9 24.5 36.7

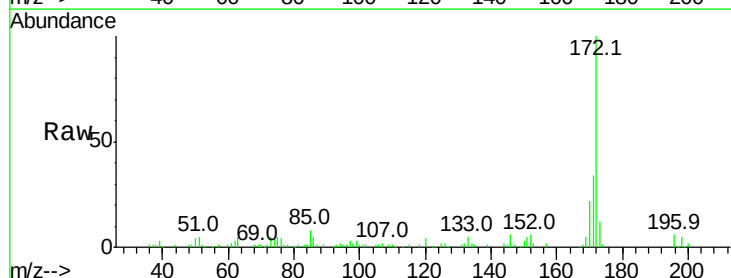


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

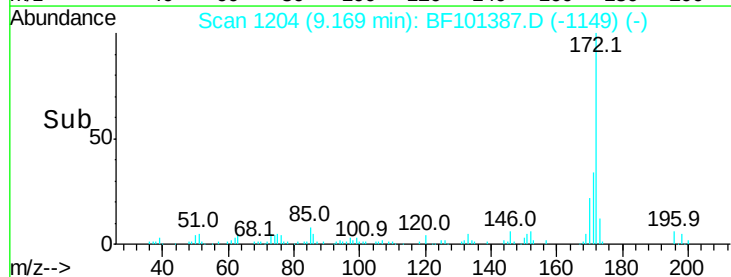
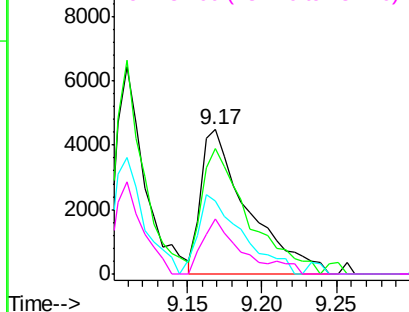


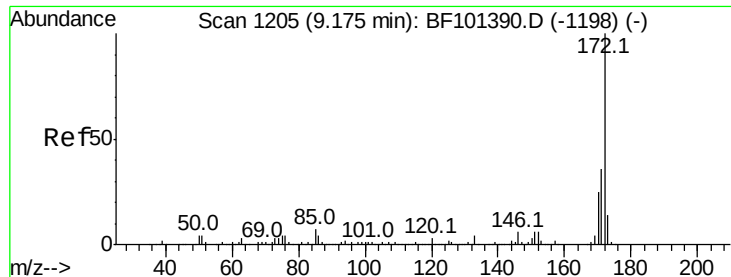
#43
 2,4,5-Trichlorophenol
 Concen: 1.339 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:196 Resp: 9743
 Ion Ratio Lower Upper
 196 100
 198 86.9 74.6 112.0
 97 51.1 42.9 64.3
 132 38.5 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: 3.449 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

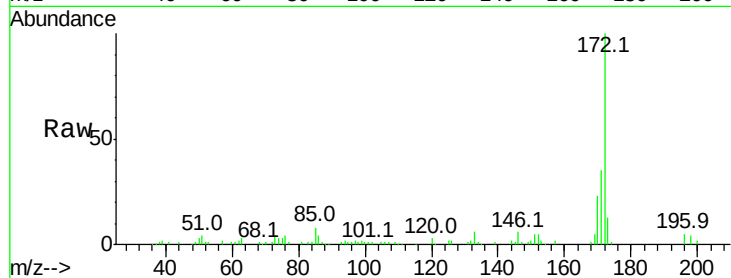
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 80577

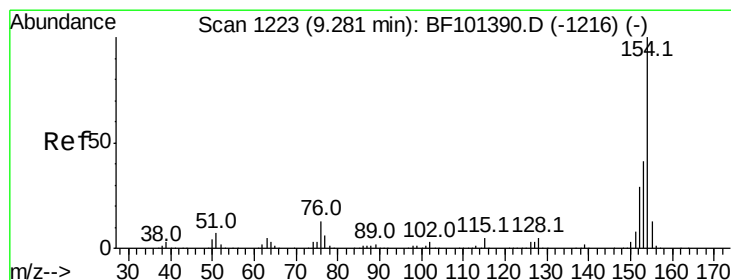
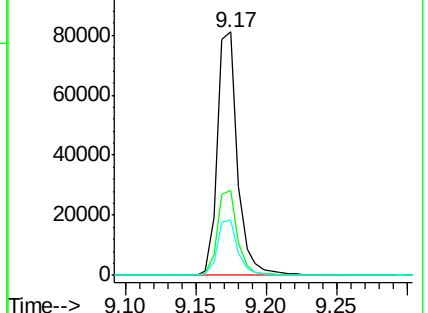
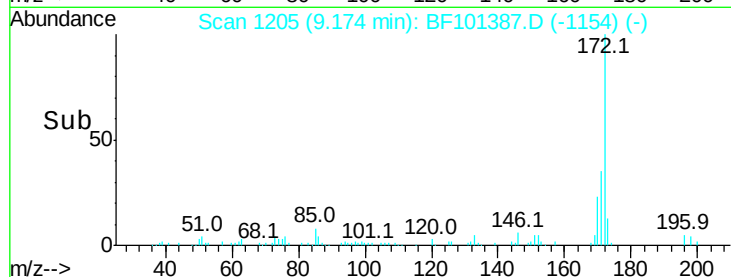
Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.7	44.5
170	23.0	19.6	29.4



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: 1.593 ng

RT: 9.27 min Scan# 1222

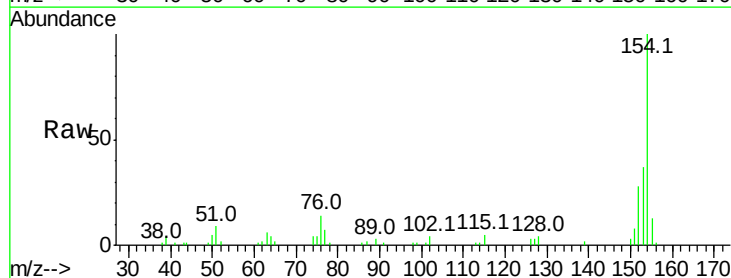
Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:154 Resp: 46636

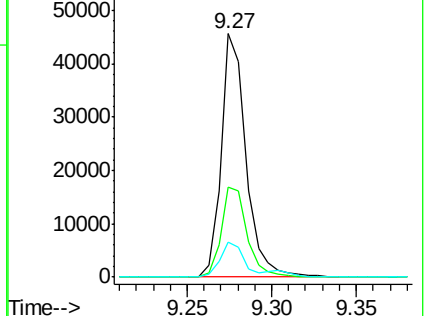
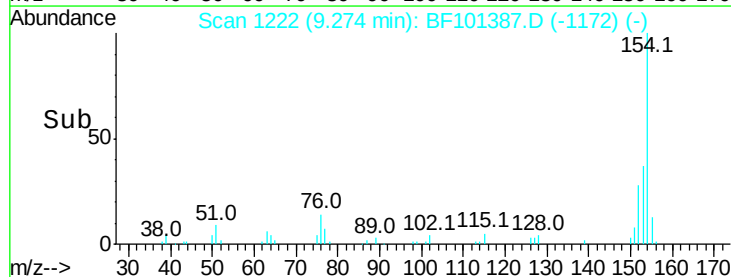
Ion	Ratio	Lower	Upper
154	100		
153	37.0	21.3	61.3
76	14.3	0.0	34.0

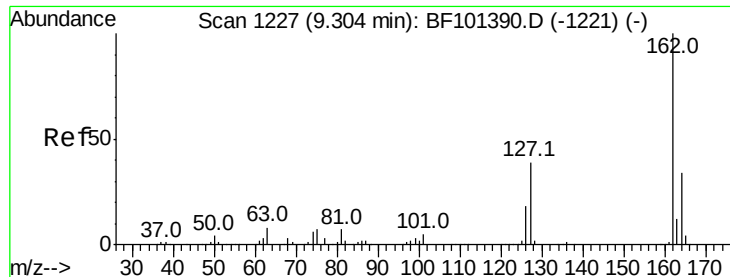


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

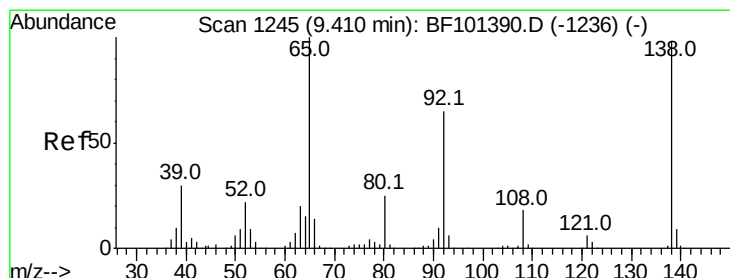
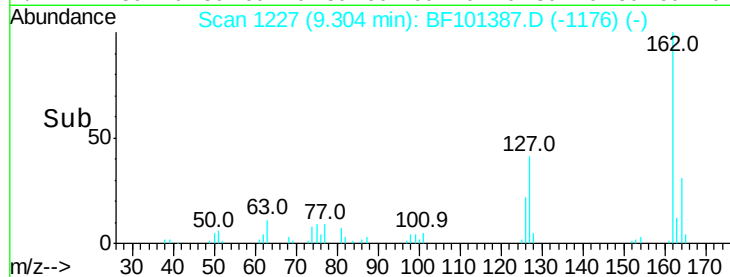
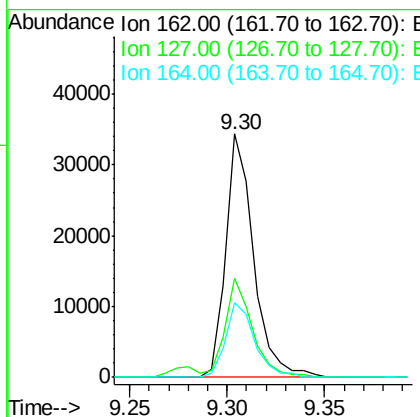
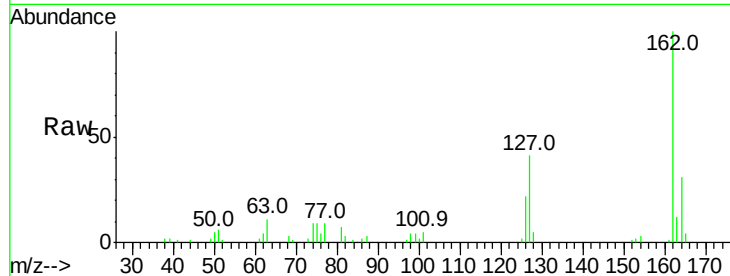




#46
2-Chloronaphthalene
Concen: 1.633 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

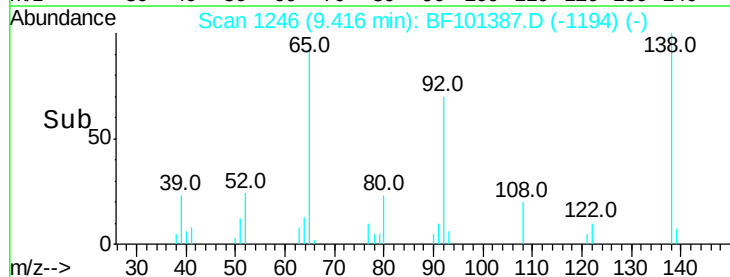
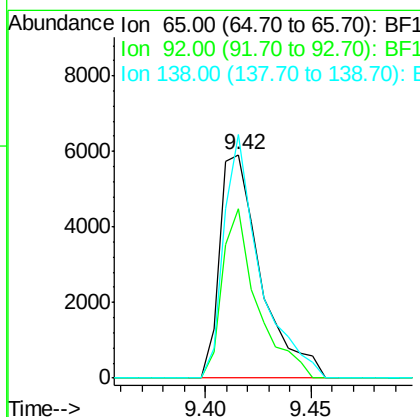
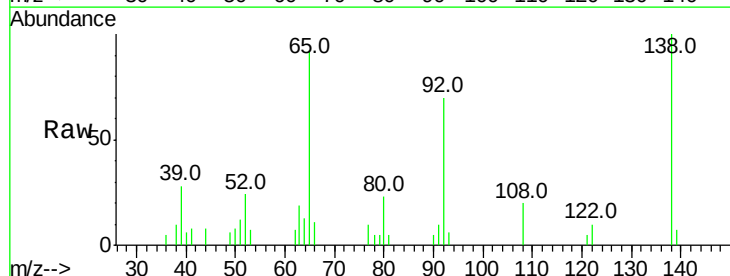
Instrument :
BNA_F
ClientSampleId :

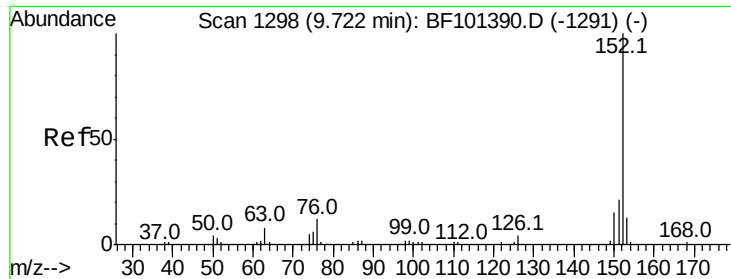
Tot Ion:162 Resp: 33953
Ion Ratio Lower Upper
162 100
127 40.9 33.9 50.9
164 30.9 26.5 39.7



#47
2-Nitroaniline
Concen: 1.303 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion: 65 Resp: 8017
Ion Ratio Lower Upper
65 100
92 76.0 55.8 83.6
138 109.1 91.2 136.8





#48

Acenaphthylene

Concen: 1.678 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

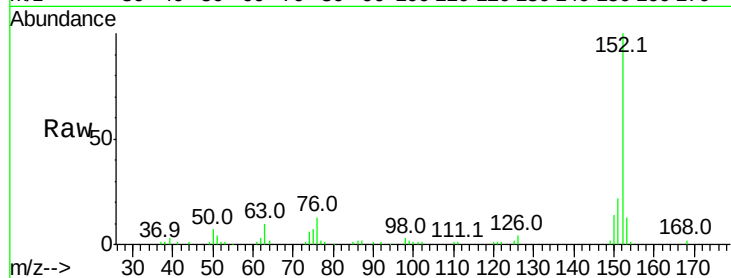
Tot Ion:152 Resp: 57339

Ion Ratio Lower Upper

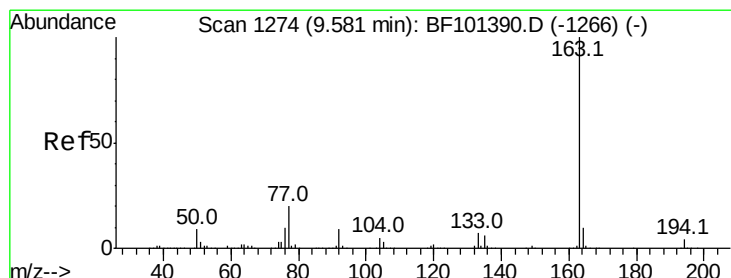
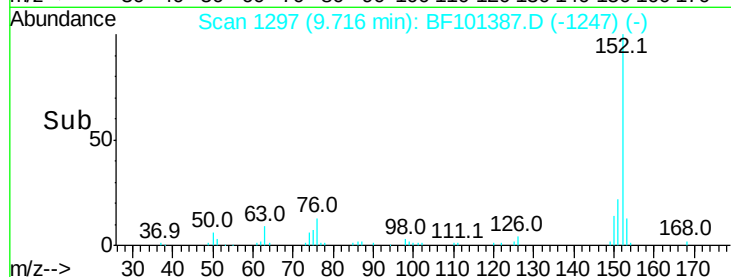
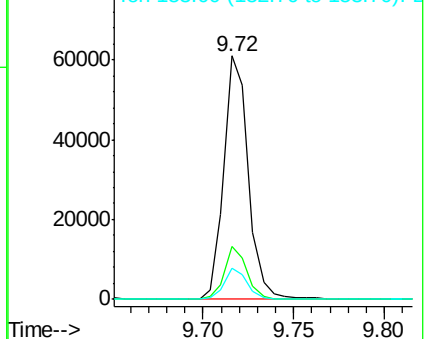
152 100

151 21.6 16.3 24.5

153 12.7 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: 1.602 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

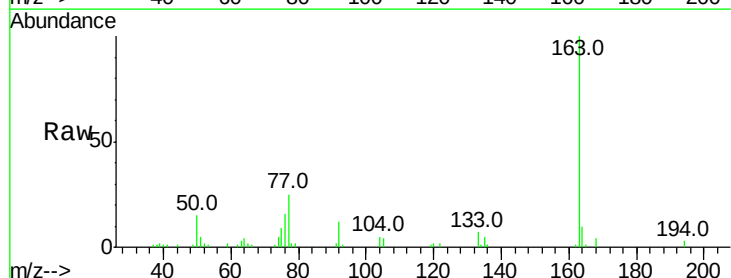
Tgt Ion:163 Resp: 41296

Ion Ratio Lower Upper

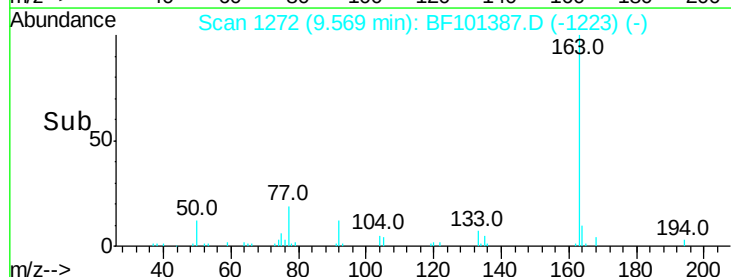
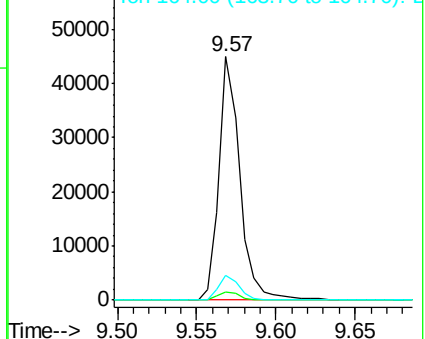
163 100

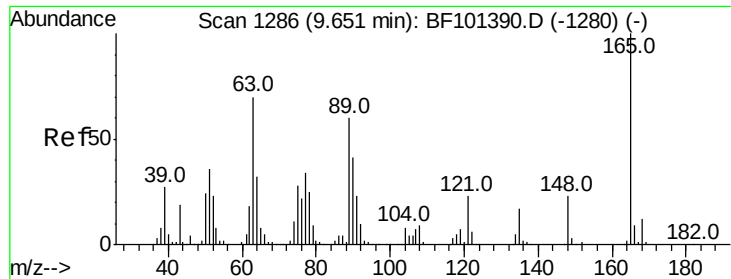
194 3.2 2.7 4.1

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

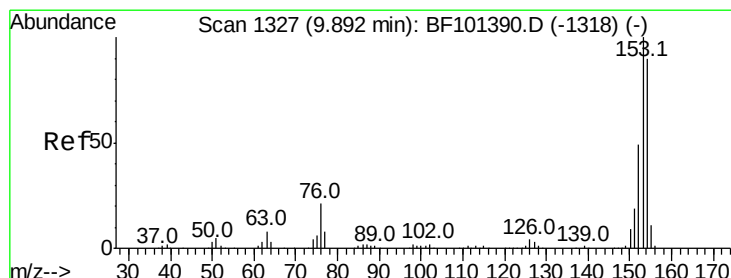
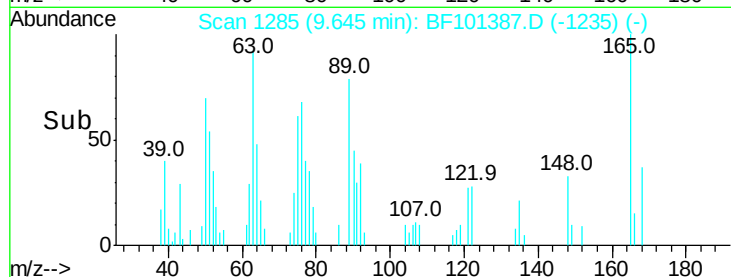
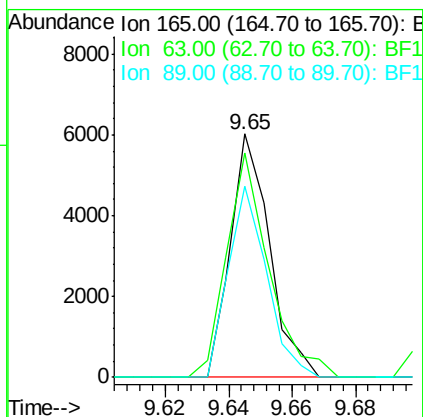
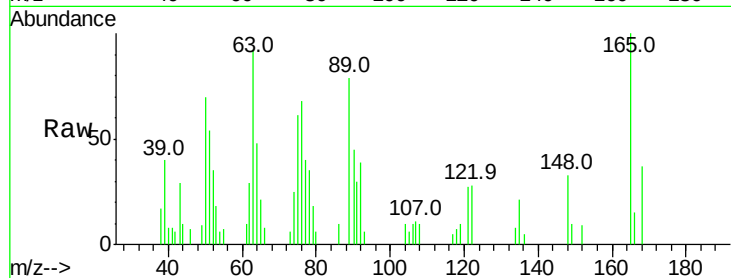




#50
2,6-Dinitrotoluene
Concen: 0.946 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

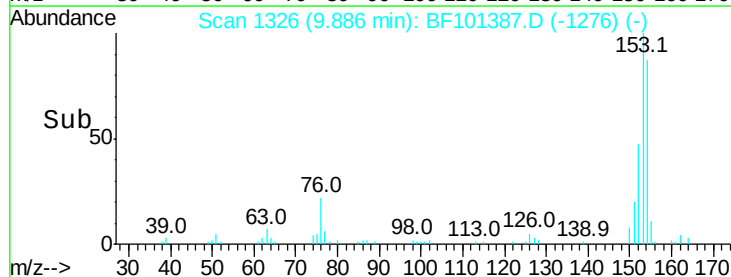
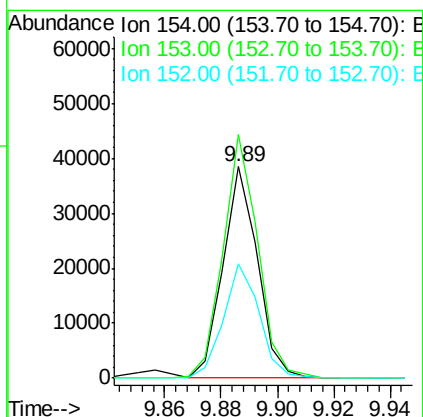
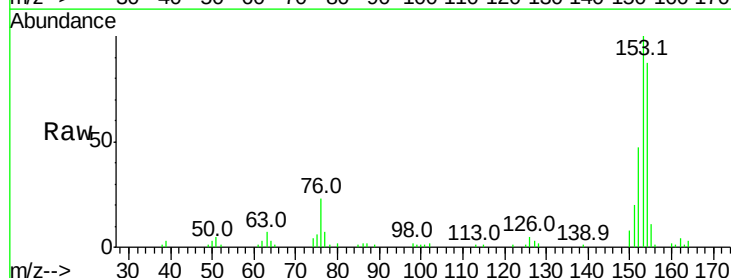
Instrument :
BNA_F
ClientSampleId :

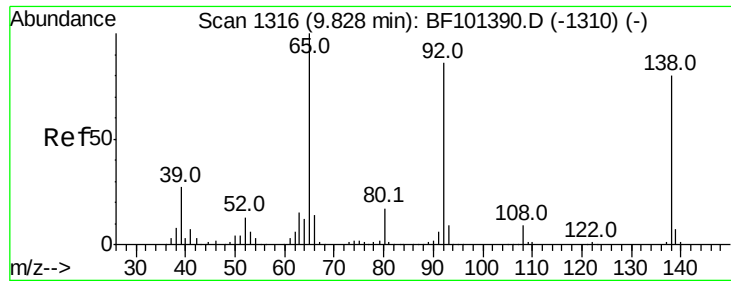
Tot Ion:165 Resp: 5138
Ion Ratio Lower Upper
165 100
63 92.1 44.7 67.1#
89 78.6 44.0 66.0#



#51
Acenaphthene
Concen: 1.602 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:154 Resp: 32784
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 54.3 43.8 65.8

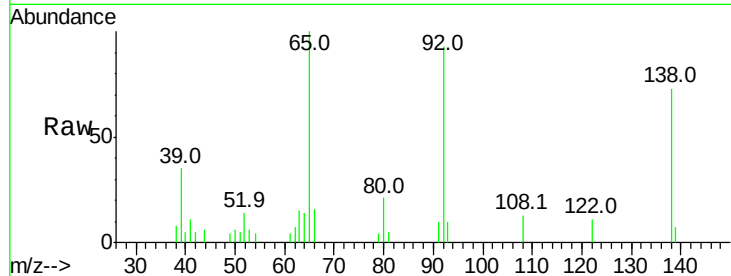




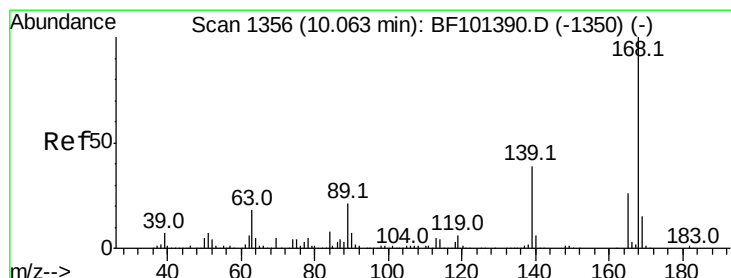
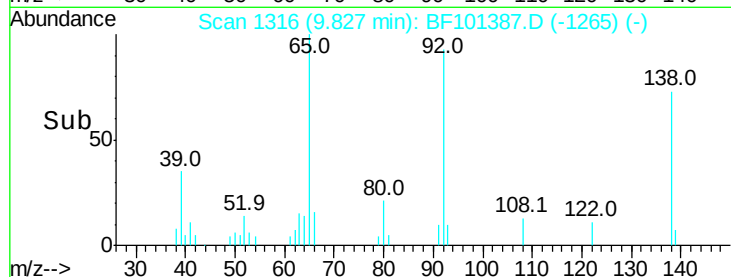
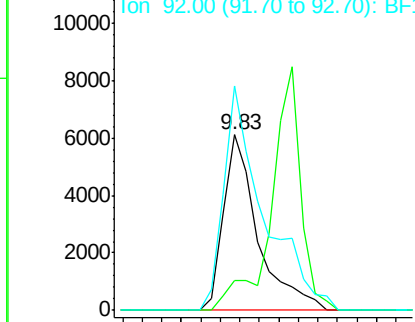
#52
3-Nitroaniline
Concen: 1.228 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 7496
Ion Ratio Lower Upper
138 100
108 17.3 9.4 14.0#
92 127.8 89.4 134.2

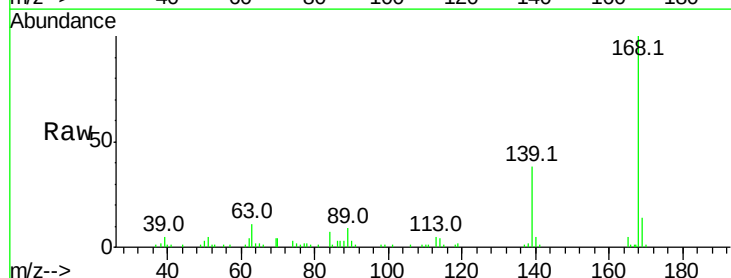


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

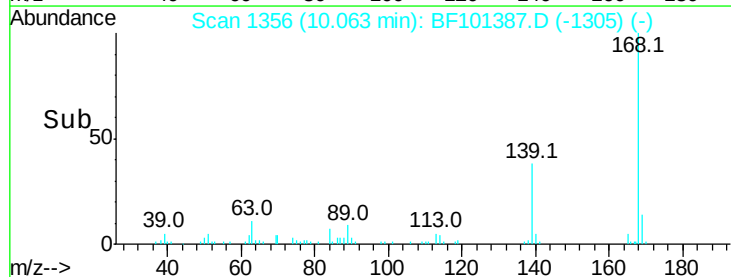
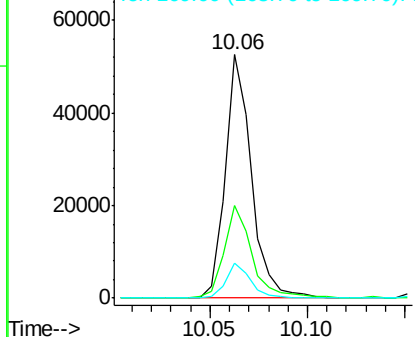


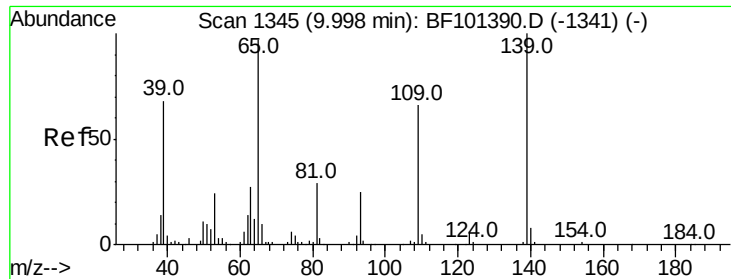
#54
Dibenzofuran
Concen: 1.650 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:168 Resp: 48673
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 14.4 10.9 16.3



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

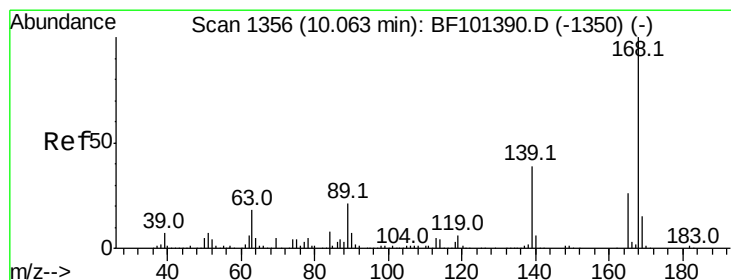
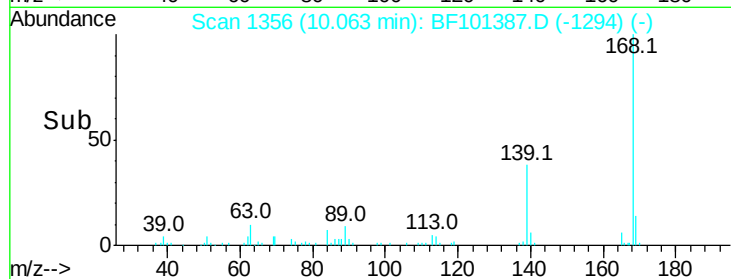
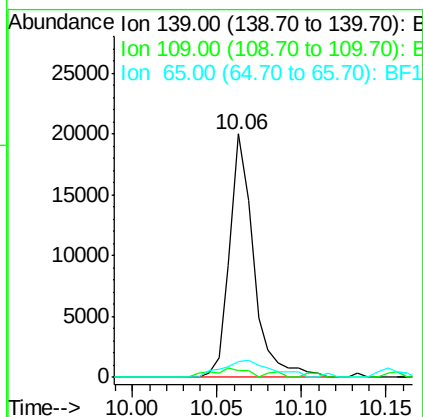
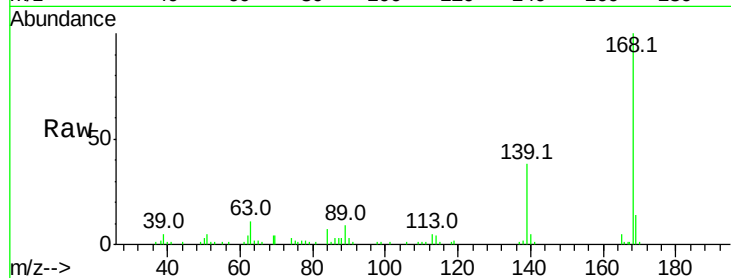




#55
4-Nitrophenol
Concen: 4.832 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.06 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

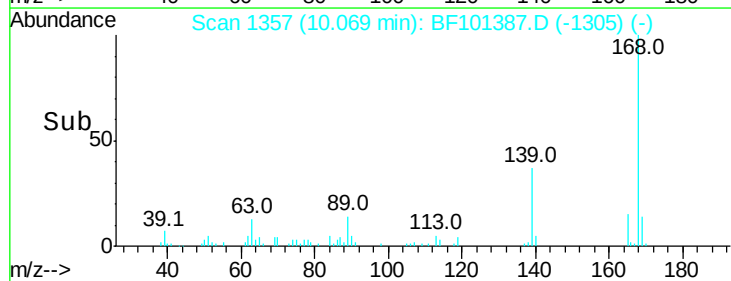
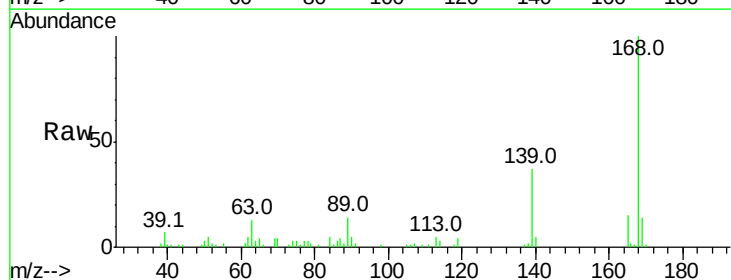
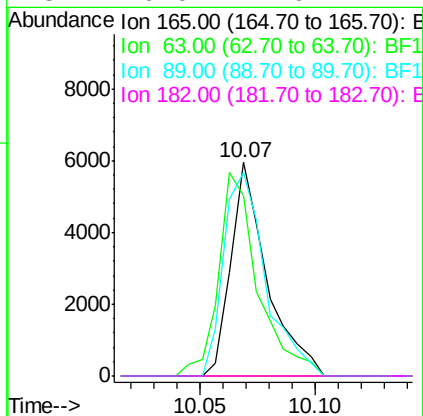
Instrument :
BNA_F
ClientSampleId :

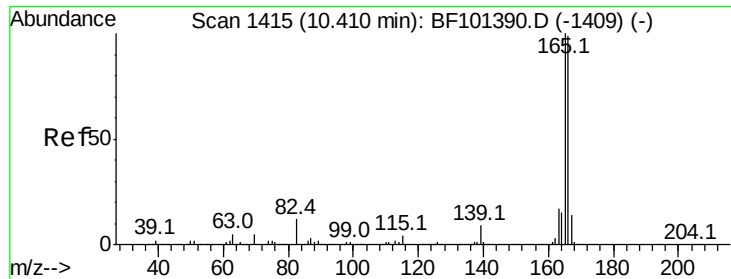
Tot Ion:139 Resp: 19896
Ion Ratio Lower Upper
139 100
109 2.8 48.4 88.4#
65 6.3 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 0.891 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:165 Resp: 6486
Ion Ratio Lower Upper
165 100
63 84.3 36.4 54.6#
89 95.1 57.8 86.6#
182 0.0 1.6 2.4#

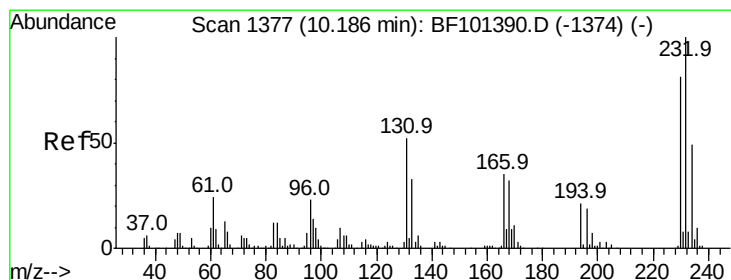
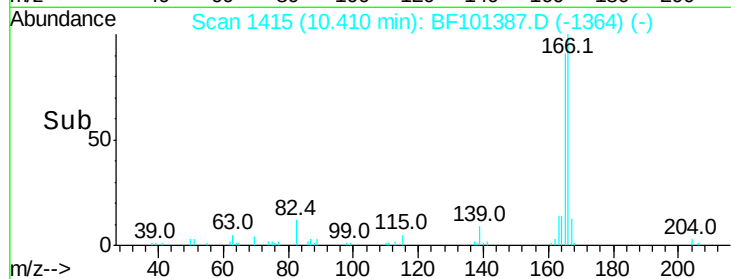
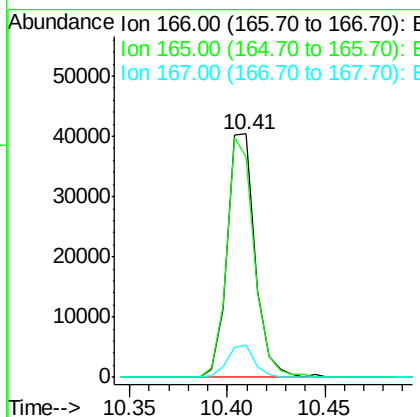
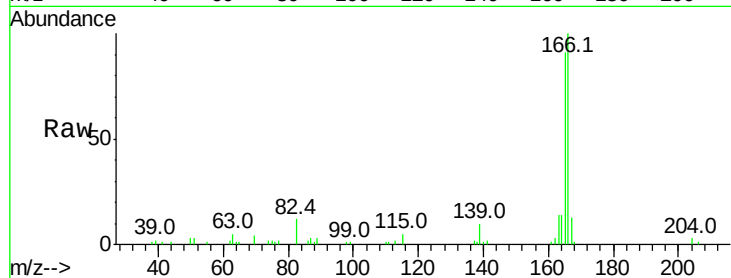




#57
 Fluorene
 Concen: 1.669 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

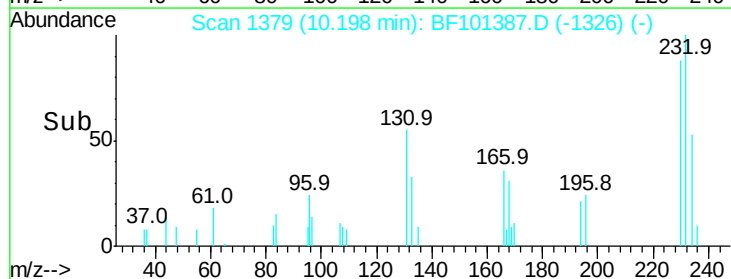
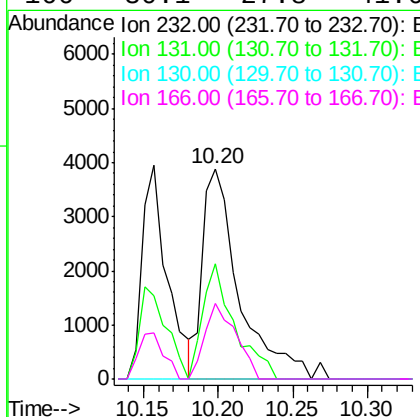
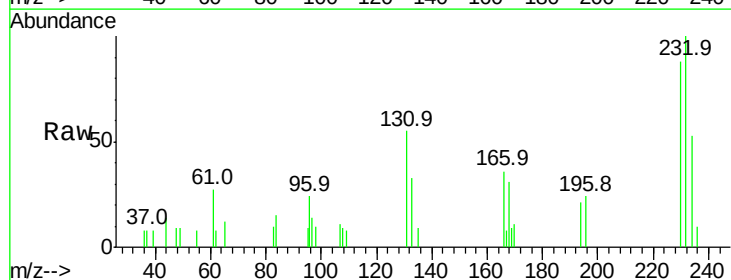
Instrument :
 BNA_F
 ClientSampleId :

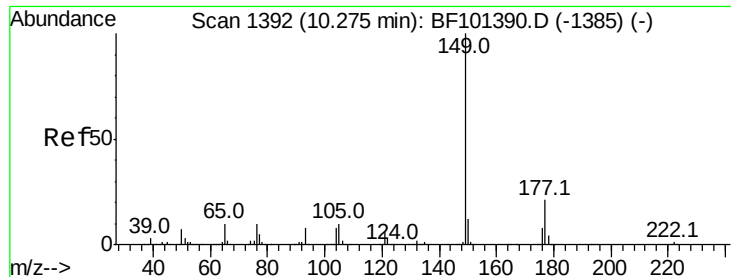
Tot Ion:166 Resp: 40021
 Ion Ratio Lower Upper
 166 100
 165 90.8 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.153 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:232 Resp: 6717
 Ion Ratio Lower Upper
 232 100
 131 46.7 43.8 65.8
 130 0.0 2.1 3.1#
 166 30.1 27.8 41.6

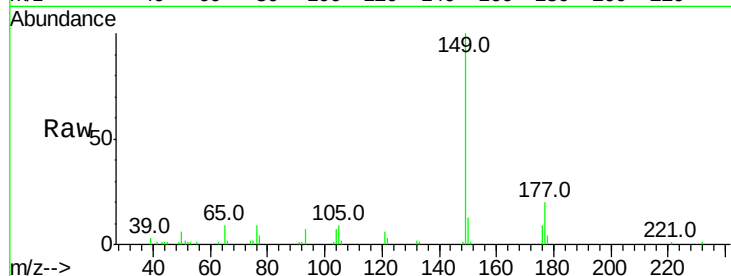




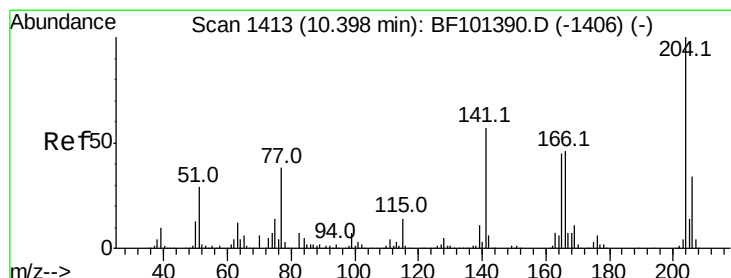
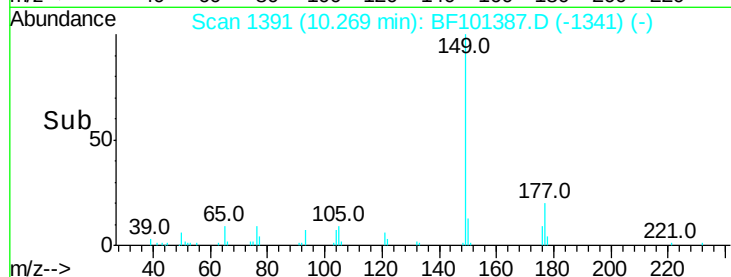
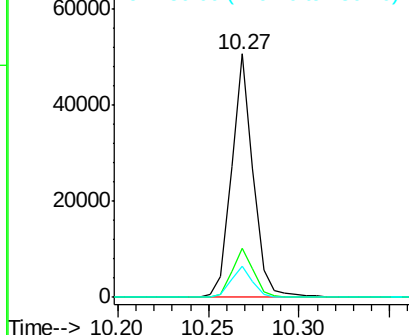
#59
Diethylphthalate
Concen: 1.654 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 42050
Ion Ratio Lower Upper
149 100
177 20.3 16.1 24.1
150 12.7 10.1 15.1

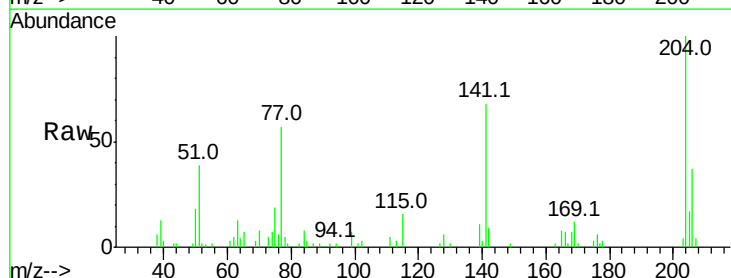


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

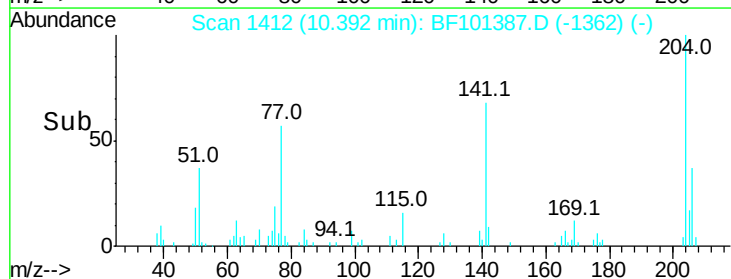
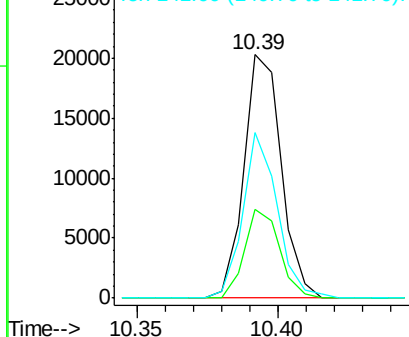


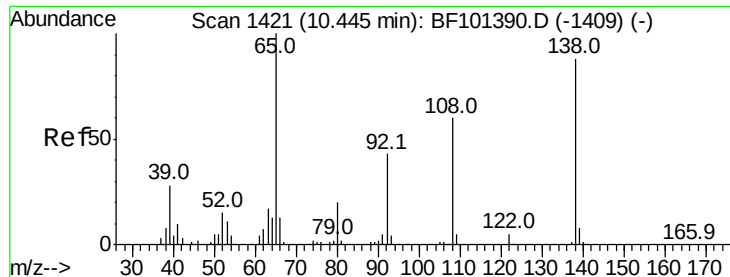
#60
4-Chlorophenyl-phenylether
Concen: 1.572 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:204 Resp: 18605
Ion Ratio Lower Upper
204 100
206 36.6 26.5 39.7
141 68.0 54.6 81.8



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

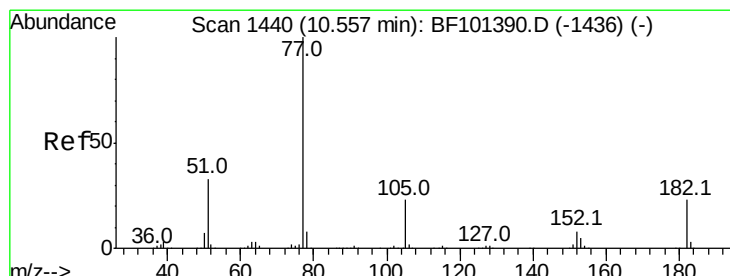
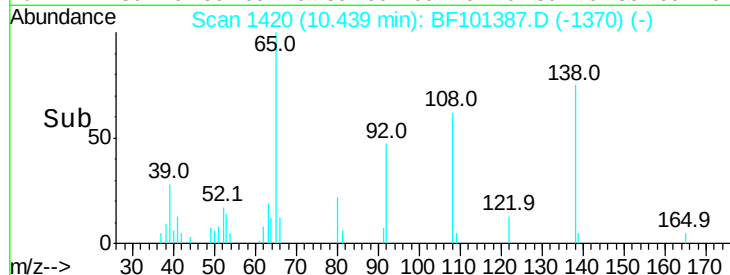
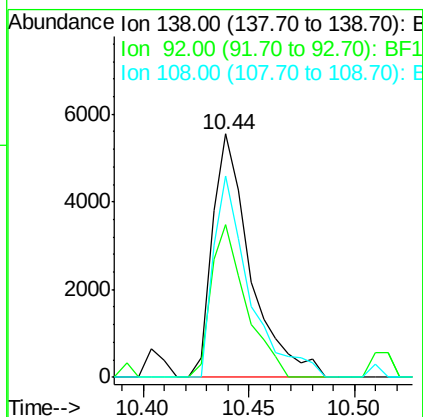
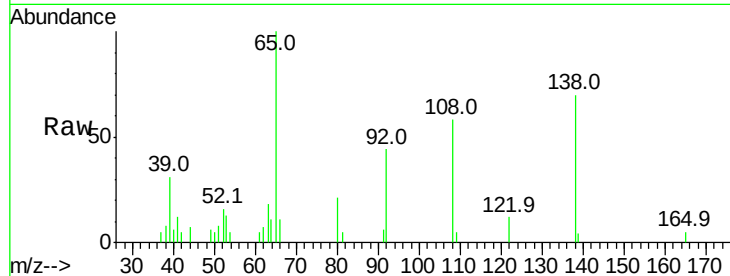




#61
4-Nitroaniline
Concen: 1.098 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

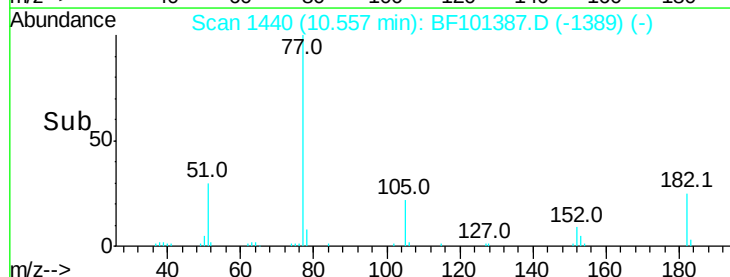
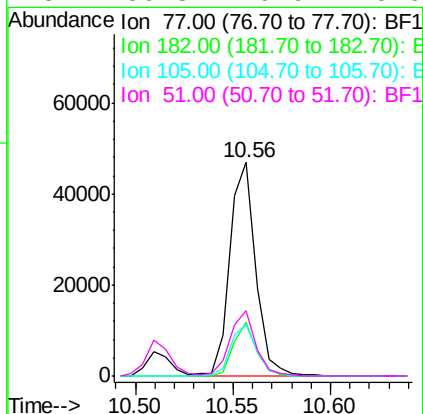
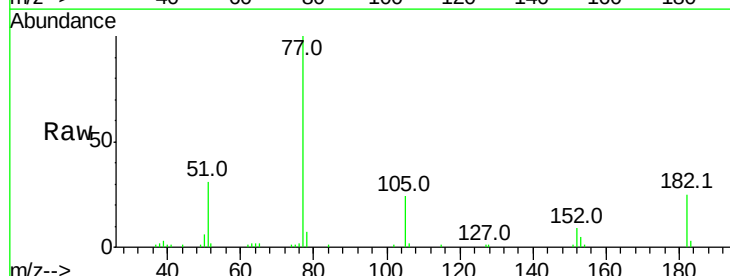
Instrument :
BNA_F
ClientSampleId :

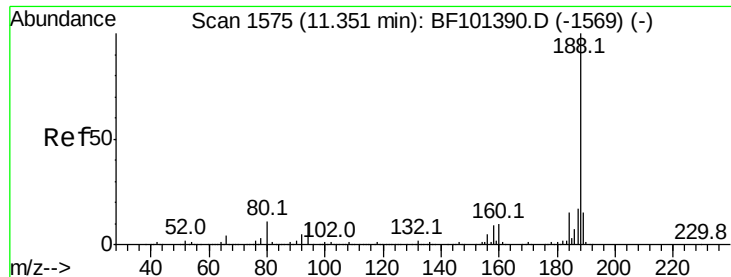
Tot Ion:138 Resp: 6956
Ion Ratio Lower Upper
138 100
92 62.6 30.2 70.2
108 82.7 52.5 92.5



#62
Azobenzene
Concen: 2.006 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion: 77 Resp: 43277
Ion Ratio Lower Upper
77 100
182 24.9 1.7 41.7
105 23.8 3.0 43.0
51 30.8 9.9 49.9

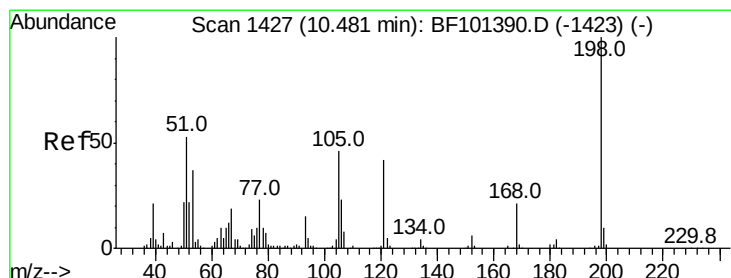
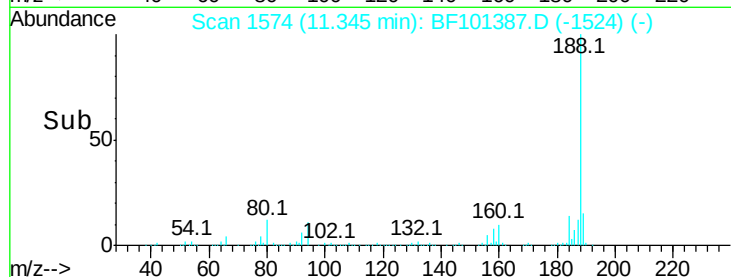
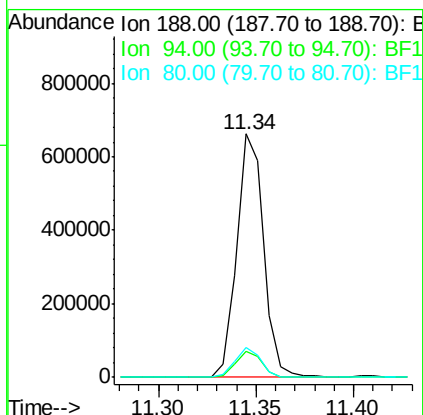
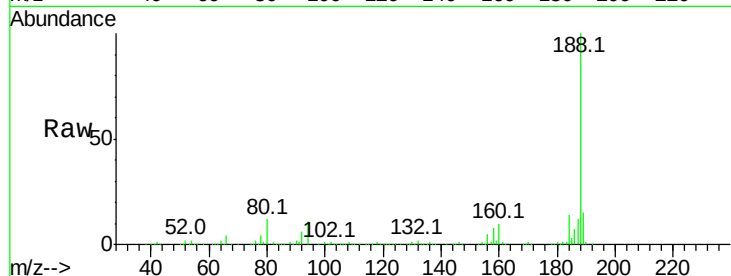




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

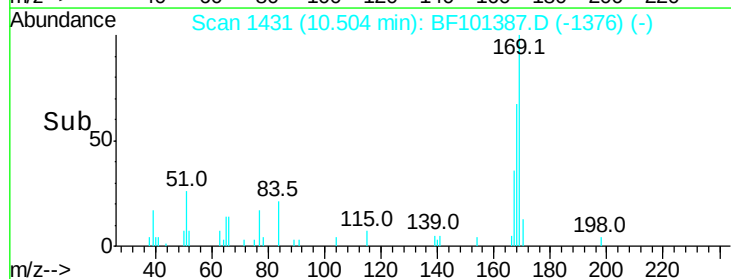
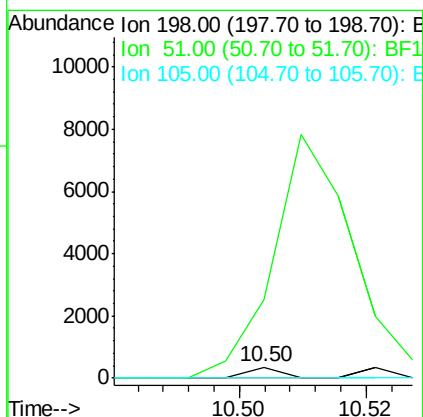
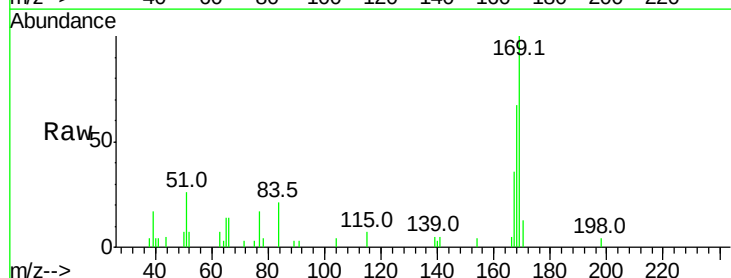
Instrument :
BNA_F
ClientSampleId :

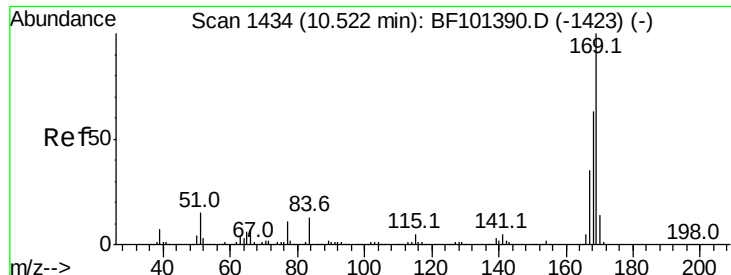
Tot Ion:188 Resp: 630734
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.0 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:198 Resp: 122
Ion Ratio Lower Upper
198 100
51 737.4 37.7 77.7#
105 0.0 36.3 76.3#

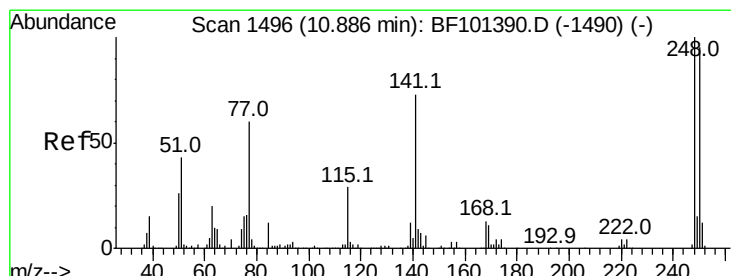
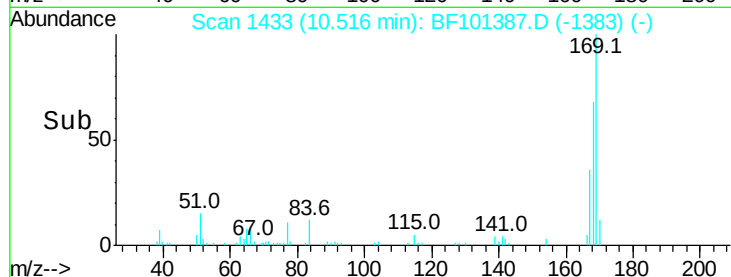
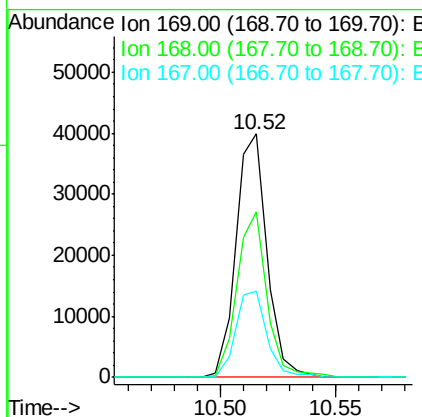
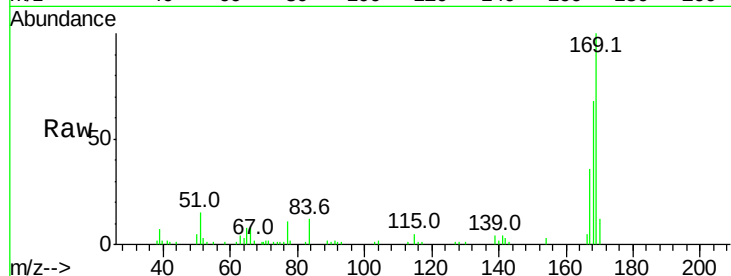




#65
 n-Nitrosodiphenylamine
 Concen: 1.674 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

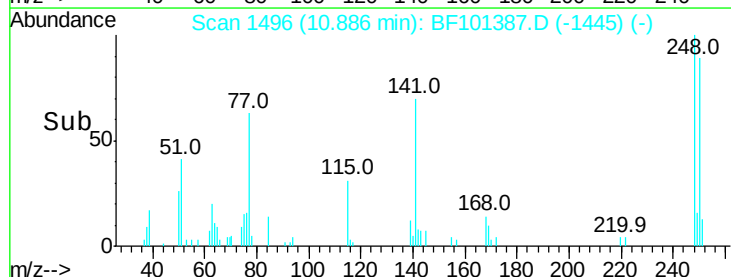
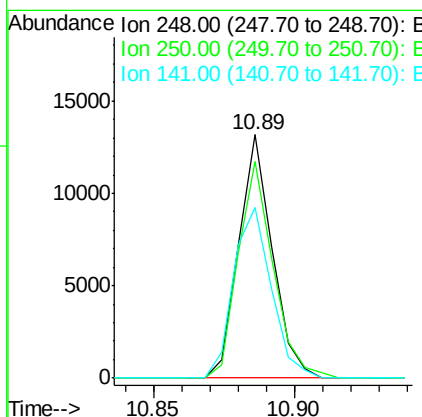
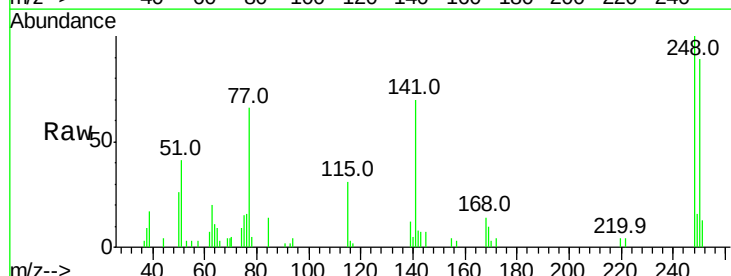
Instrument :
 BNA_F
 ClientSampleId :

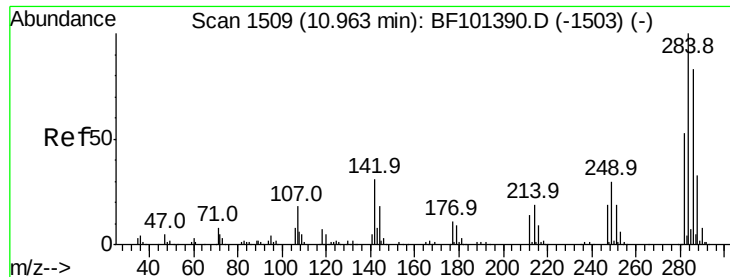
Tot Ion:169 Resp: 37254
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 35.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 1.545 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:248 Resp: 10909
 Ion Ratio Lower Upper
 248 100
 250 89.1 76.9 115.3
 141 70.1 74.4 111.6#

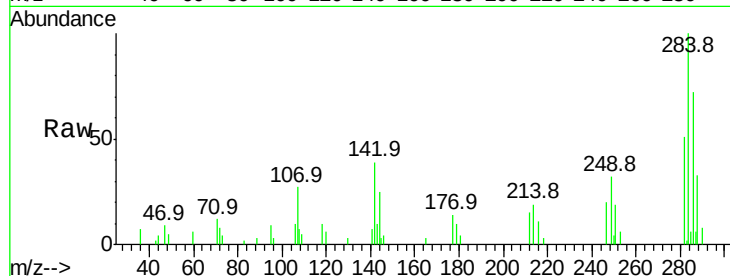




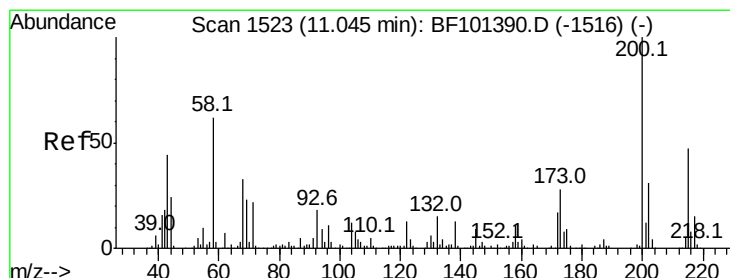
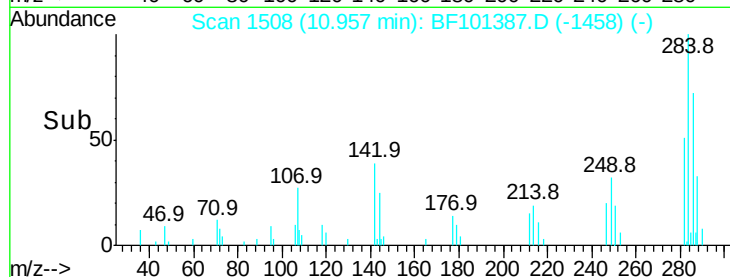
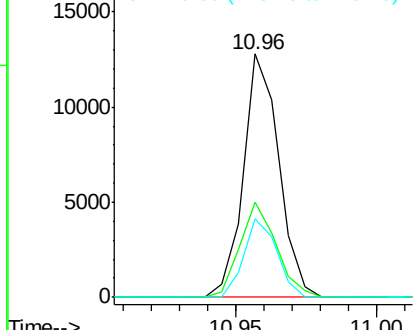
#67
Hexachlorobenzene
Concen: 1.474 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 11155
Ion Ratio Lower Upper
284 100
142 39.3 34.6 52.0
249 32.2 24.8 37.2

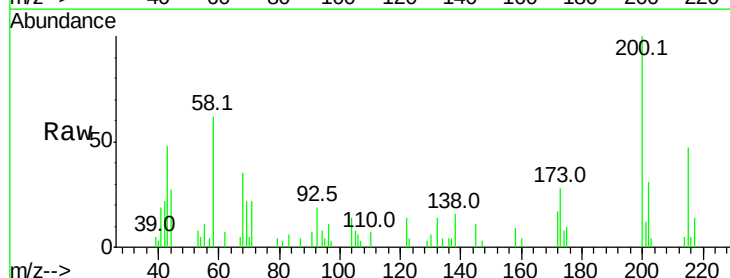


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

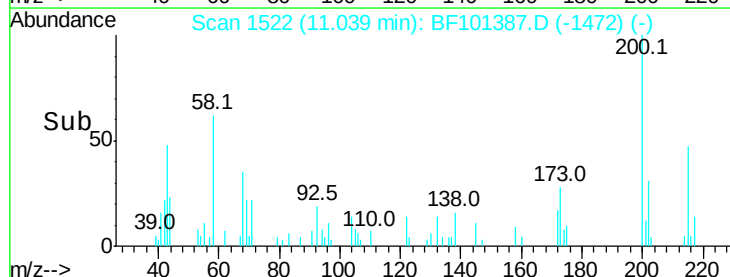
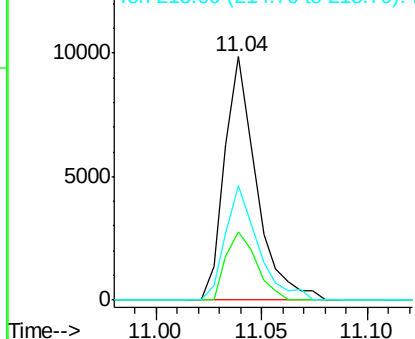


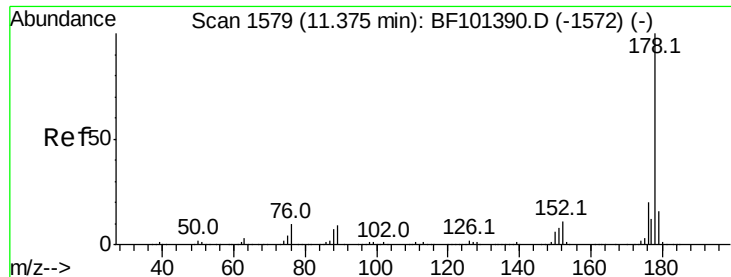
#68
Atrazine
Concen: 1.511 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:200 Resp: 10315
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 46.9 25.1 65.1



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

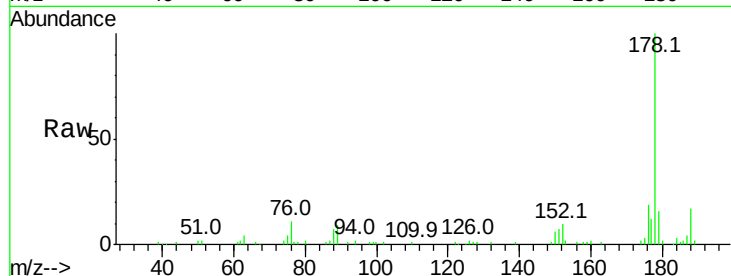




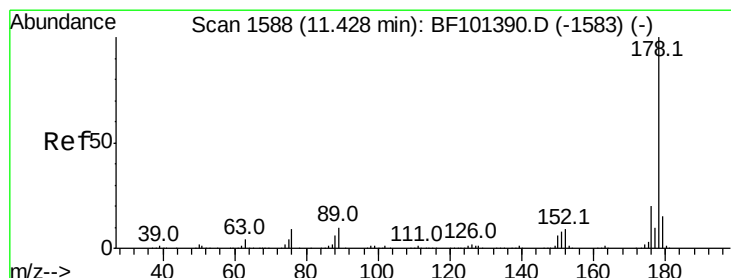
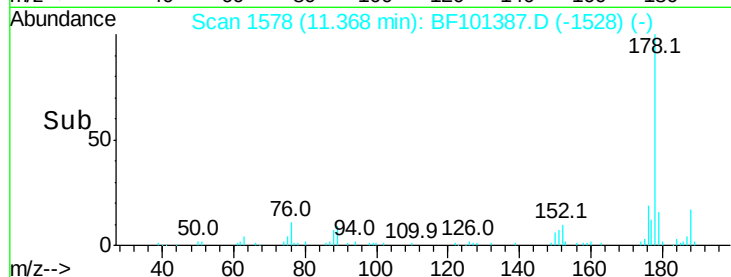
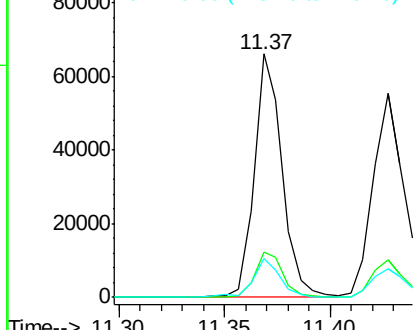
#70
Phenanthrene
Concen: 1.744 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 60585
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 16.1 13.0 19.6

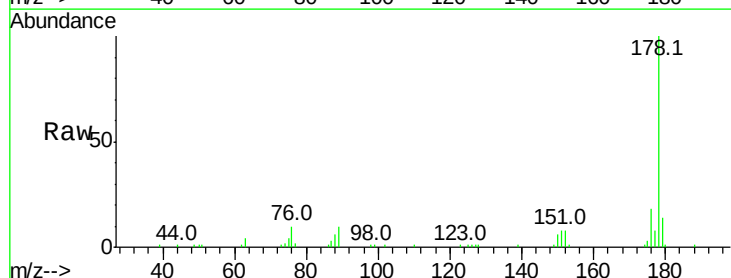


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

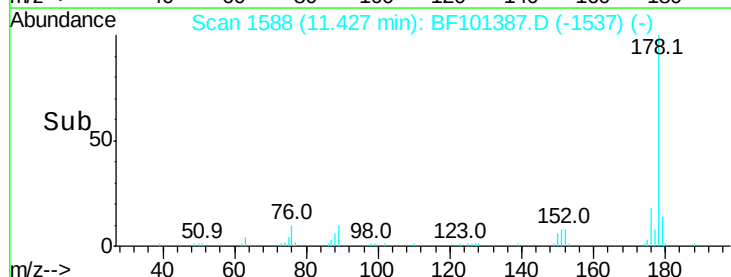
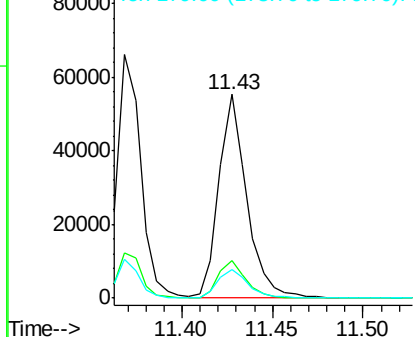


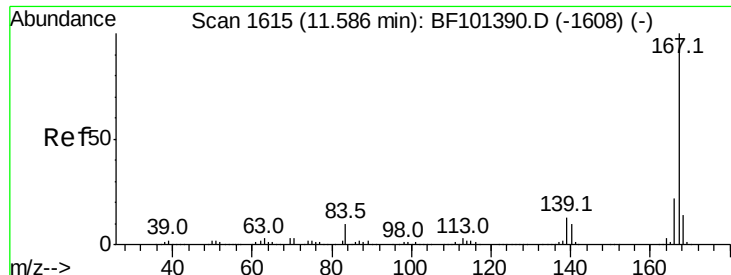
#71
Anthracene
Concen: 1.693 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:178 Resp: 59502
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 14.0 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

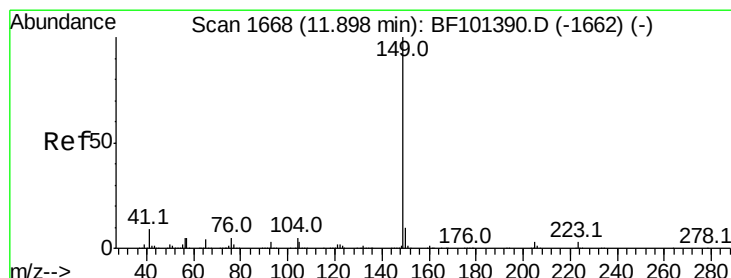
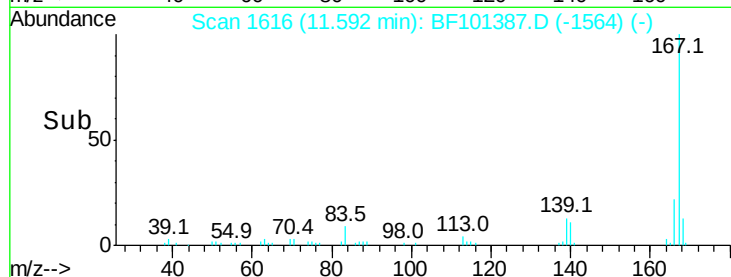
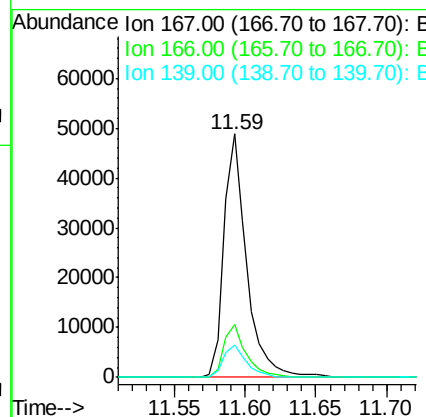
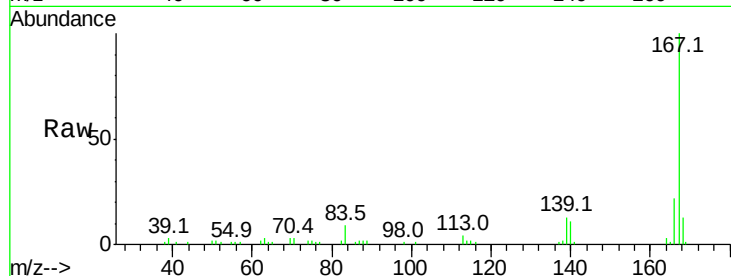




#72
 Carbazole
 Concen: 1.696 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

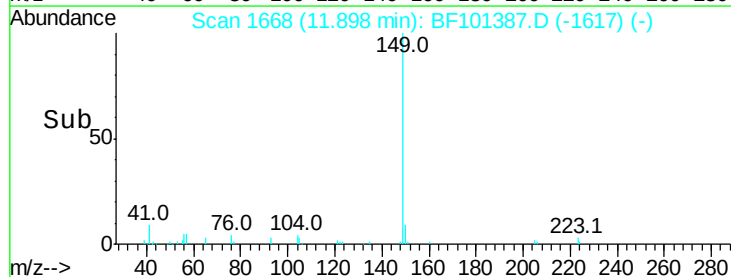
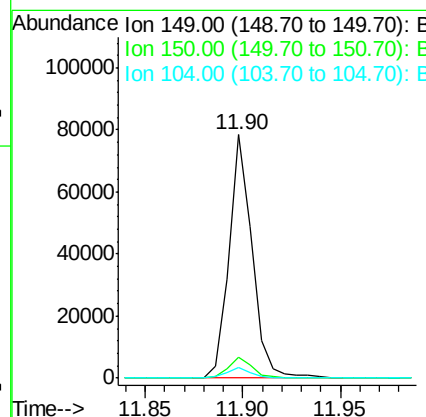
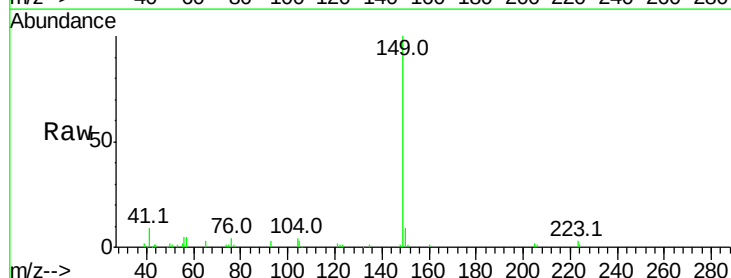
Instrument :
 BNA_F
 ClientSampleId :

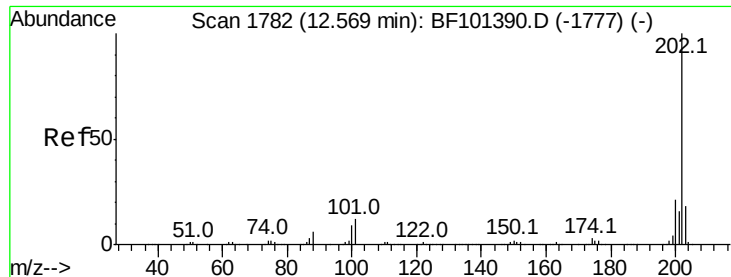
Tot Ion:167 Resp: 54478
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.2 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 1.598 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:149 Resp: 64324
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.8 11.6
 104 4.5 3.8 5.8

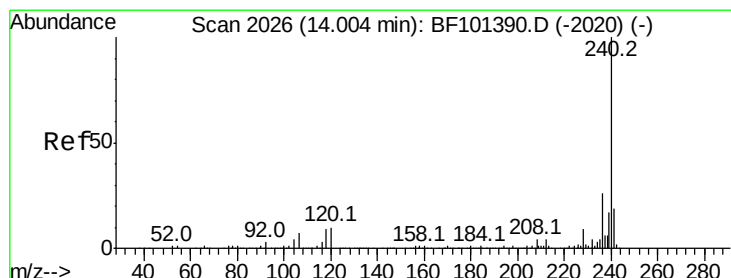
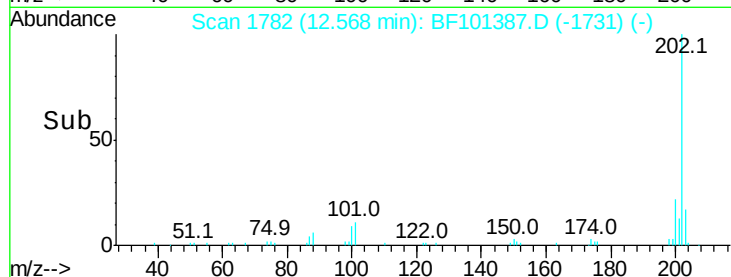
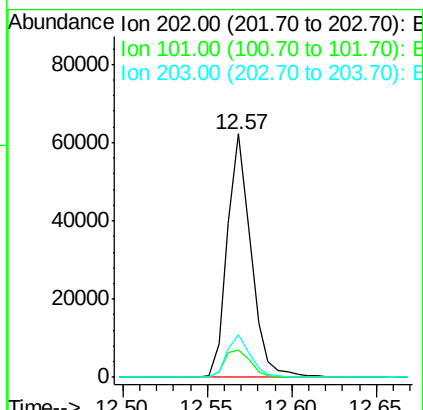
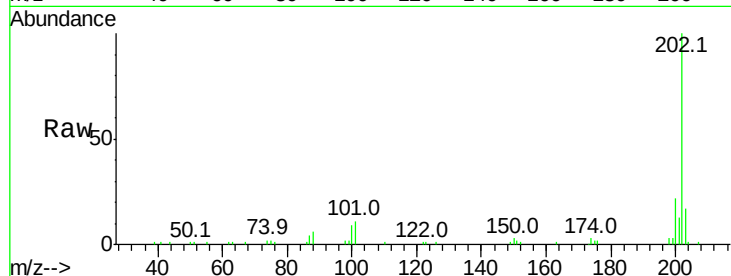




#74
 Fluoranthene
 Concen: 1.576 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

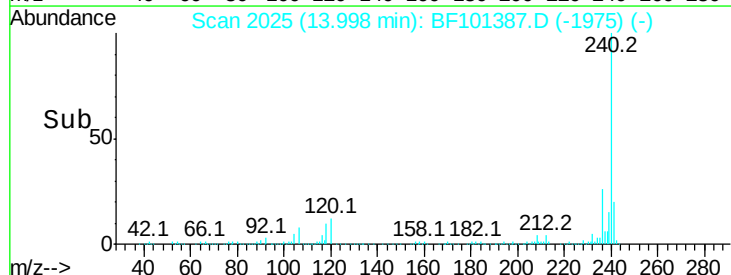
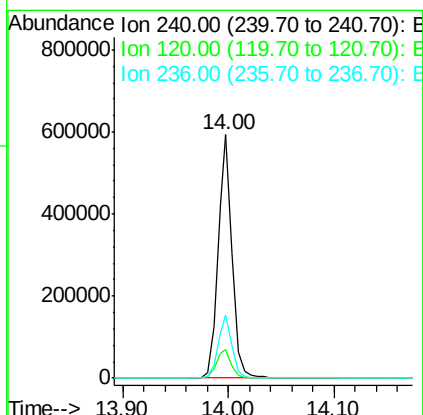
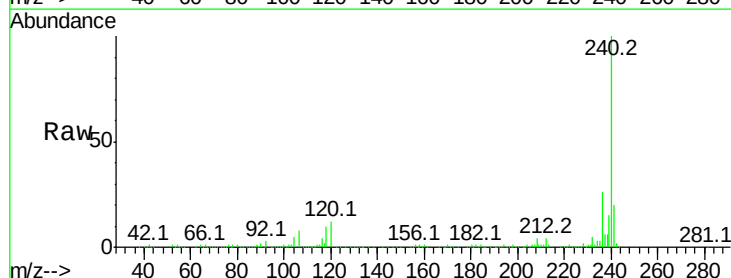
Instrument :
 BNA_F
 ClientSampleId :

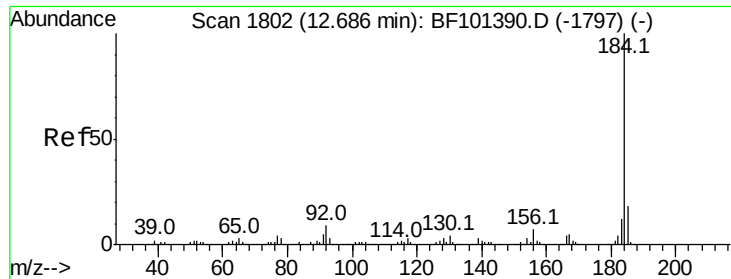
Tot Ion:202 Resp: 60671
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 34.1
 203 17.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:240 Resp: 549091
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.8 20.7 31.1





#76

Benzidine

Concen: 1.752 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

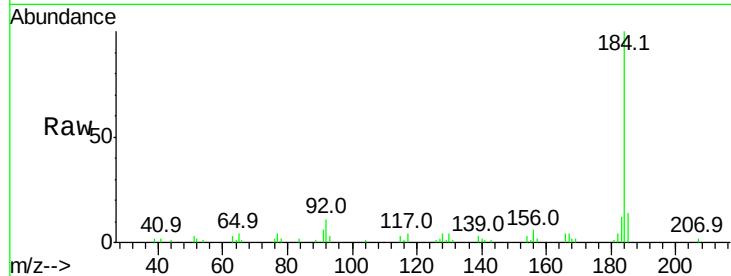
Tot Ion:184 Resp: 31276

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

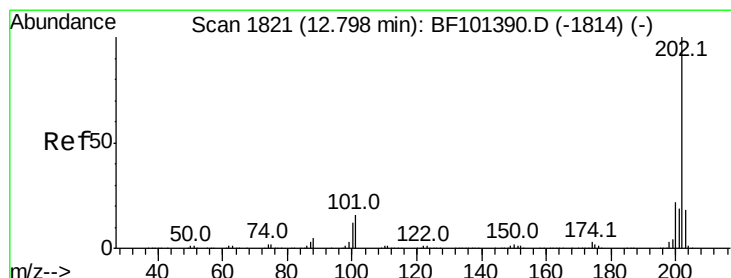
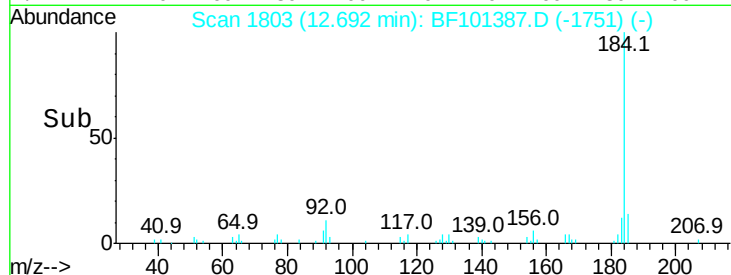
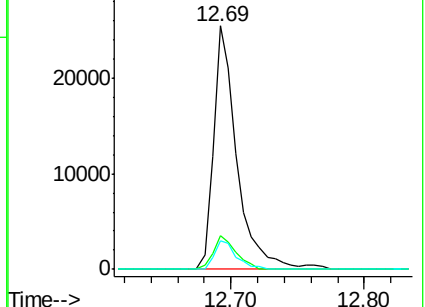
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 1.702 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

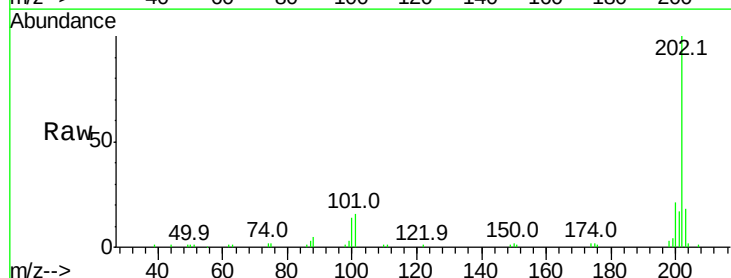
Tgt Ion:202 Resp: 64480

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

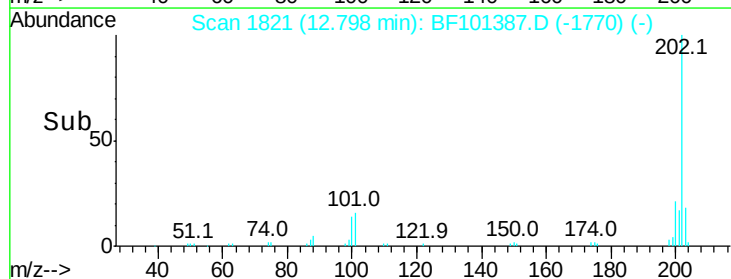
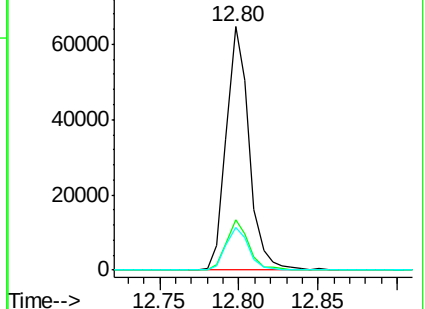
203 17.5 14.3 21.5

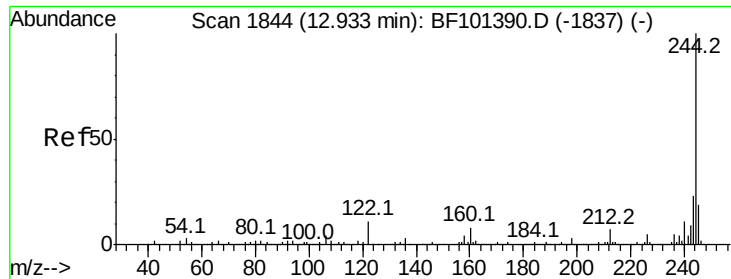


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

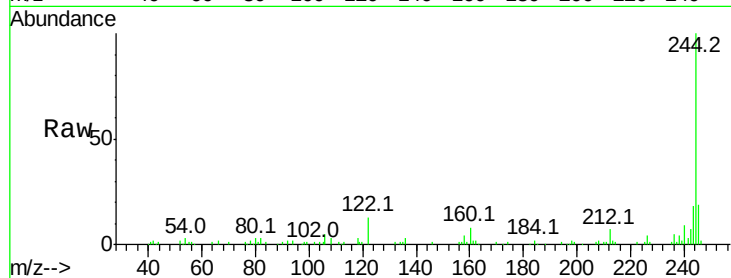




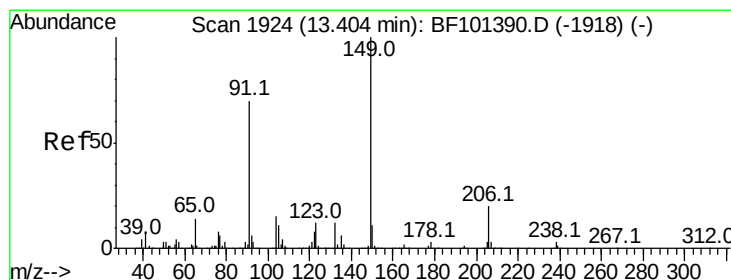
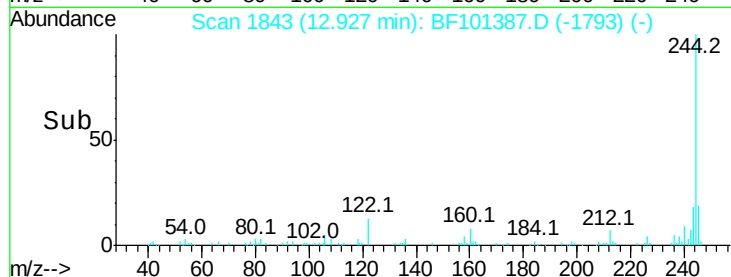
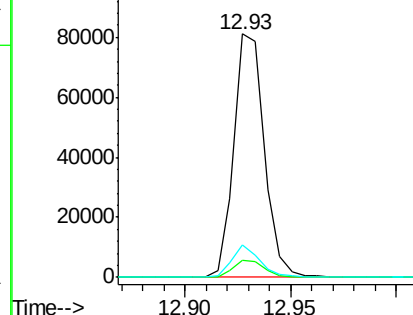
#78
 Terphenyl-d14
 Concen: 3.191 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 80102
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.3 11.0 16.4

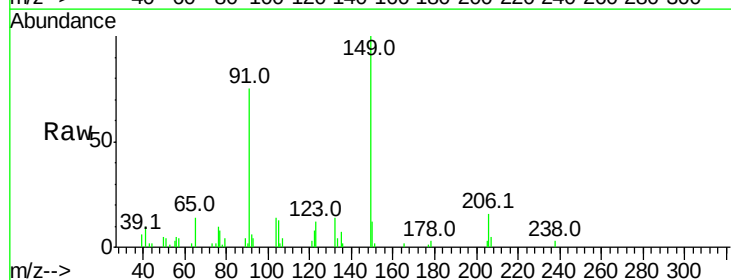


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

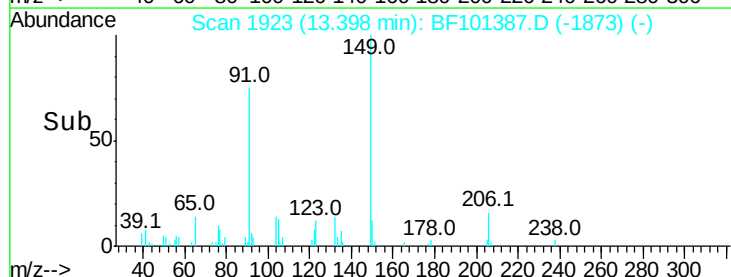
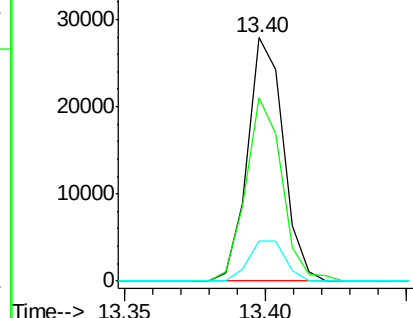


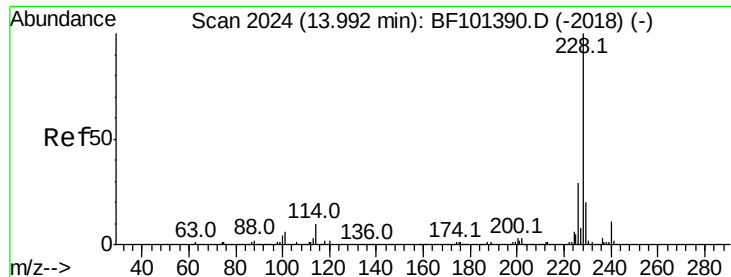
#79
 Butylbenzylphthalate
 Concen: 1.469 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BF101387.D
 Acq: 14 Dec 2017 11:25

Tgt Ion:149 Resp: 24533
 Ion Ratio Lower Upper
 149 100
 91 75.4 56.8 85.2
 206 16.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 1.564 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

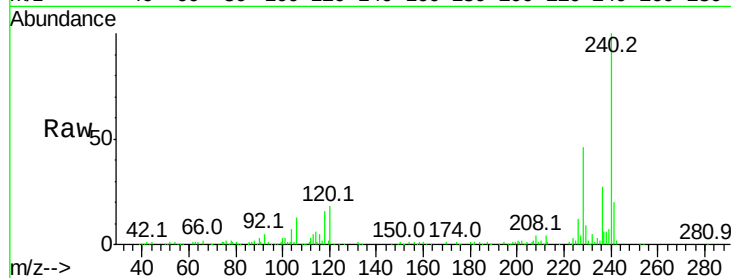
Tot Ion:228 Resp: 54214

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

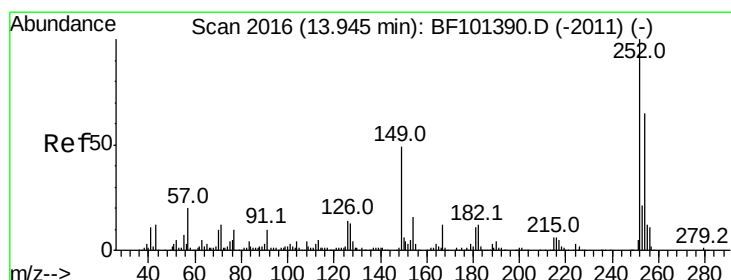
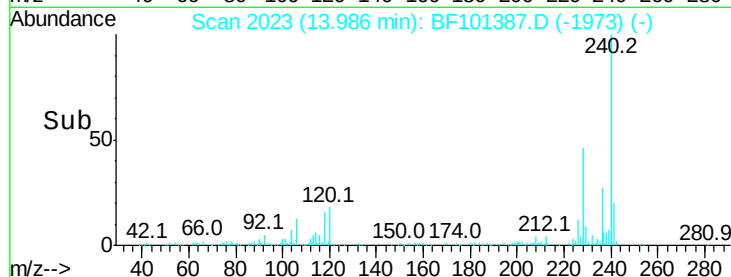
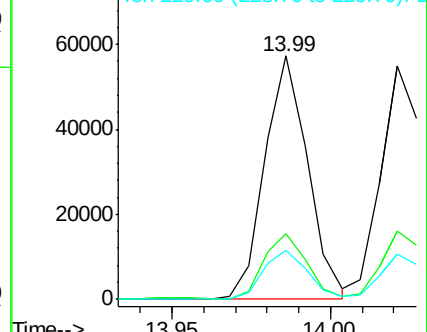
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 1.472 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

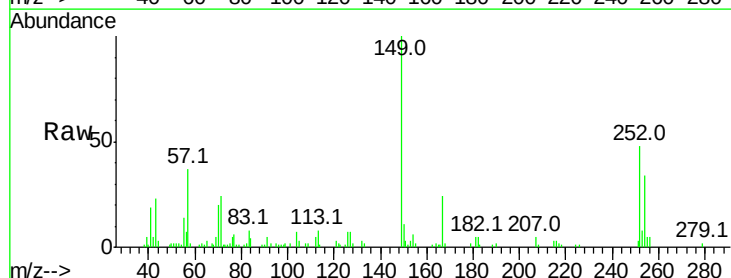
Tgt Ion:252 Resp: 17675

Ion Ratio Lower Upper

252 100

254 71.1 50.4 75.6

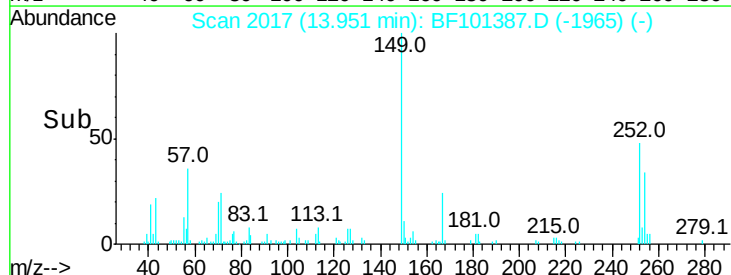
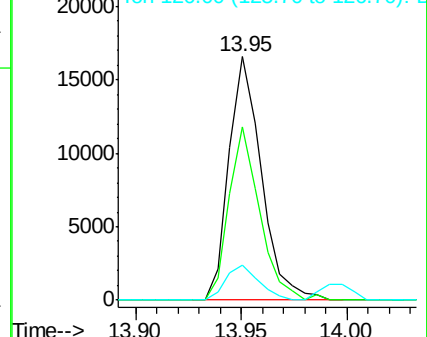
126 14.4 11.3 16.9

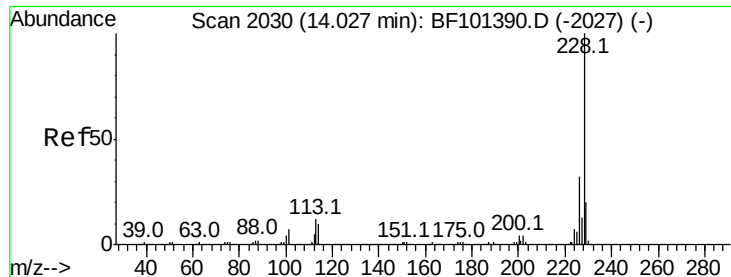


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.682 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

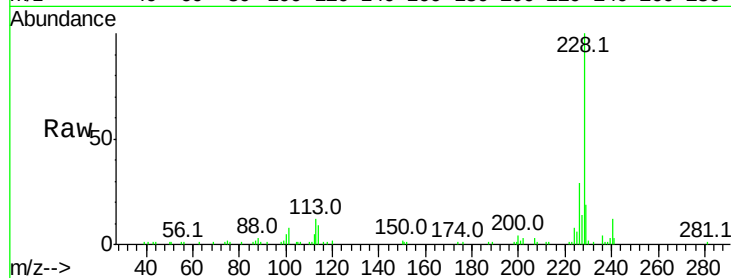
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 54148

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.3	16.2	24.4

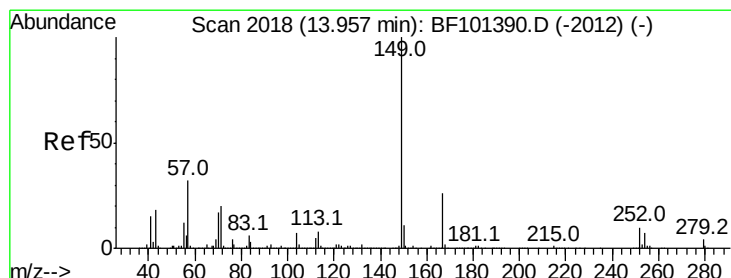
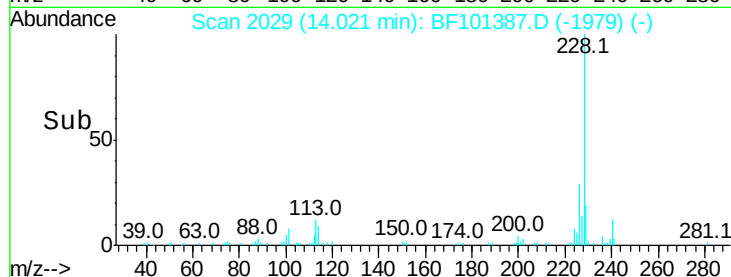
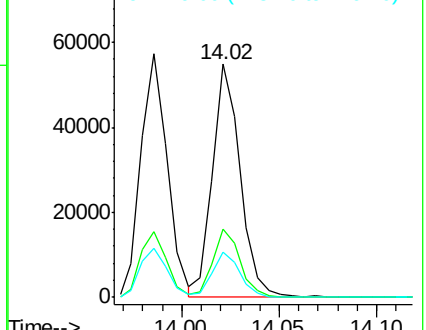


Abundance

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: 1.556 ng

RT: 13.96 min Scan# 2018

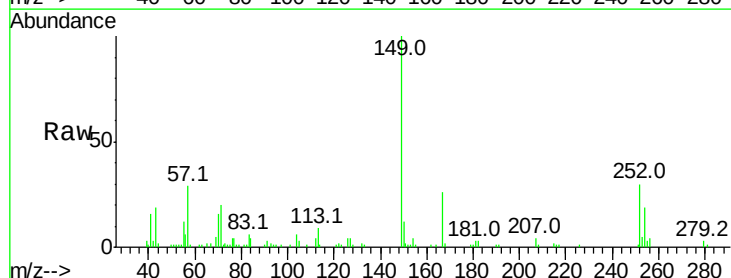
Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:149 Resp: 37060

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.3	3.0	4.4

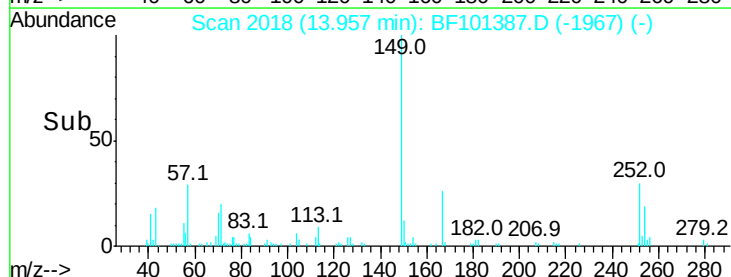
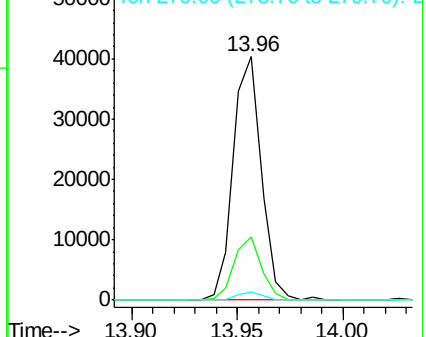


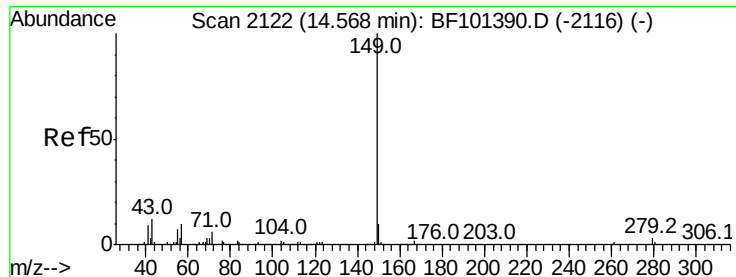
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 1.565 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

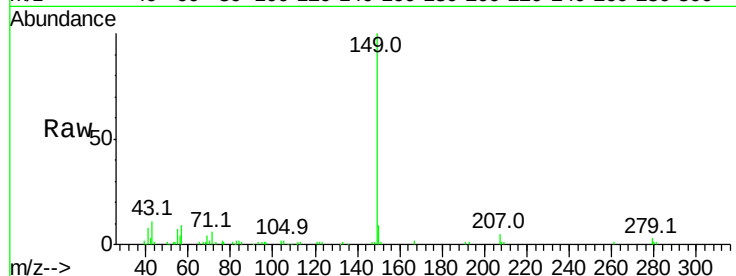
Tot Ion:149 Resp: 62061

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

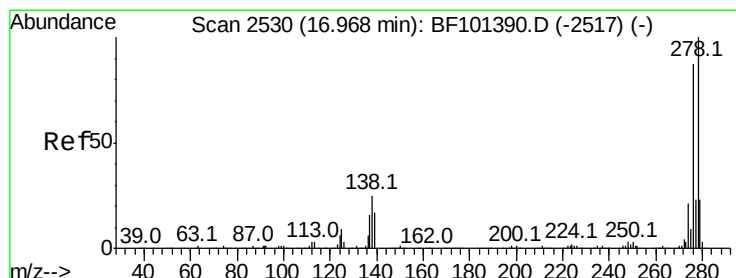
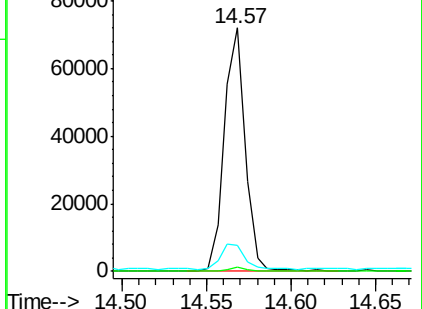
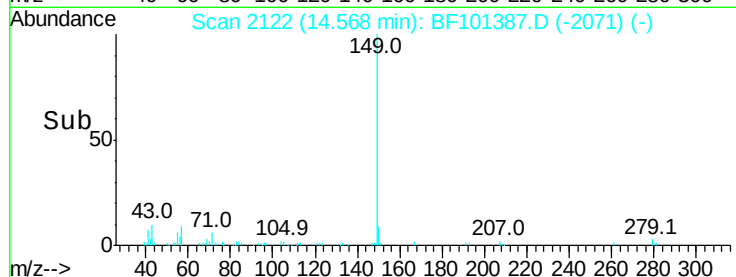
43 12.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.711 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

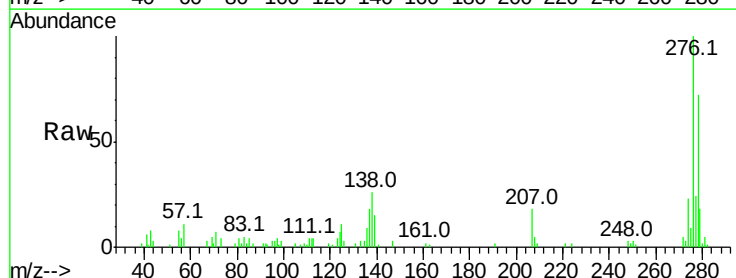
Tgt Ion:276 Resp: 48967

Ion Ratio Lower Upper

276 100

138 28.2 25.0 37.6

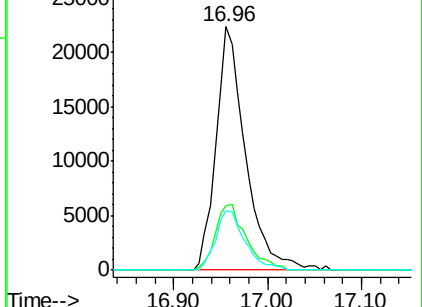
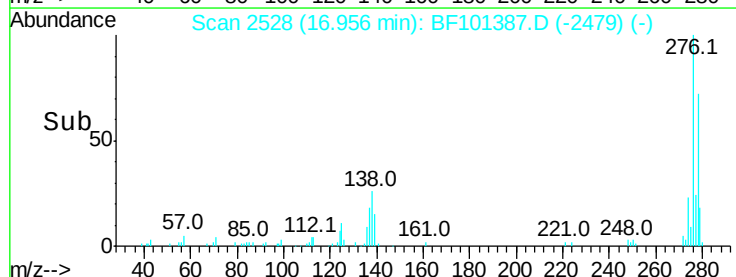
277 24.1 20.1 30.1

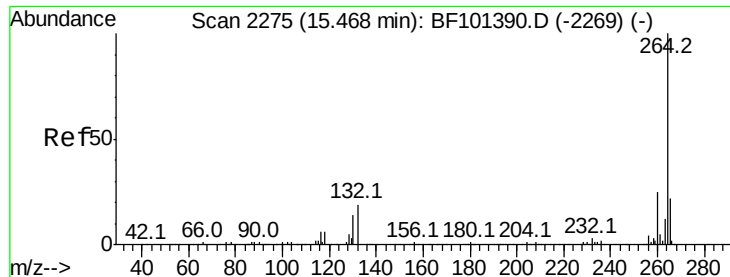


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

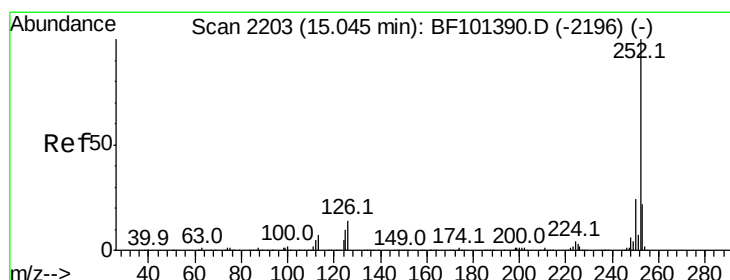
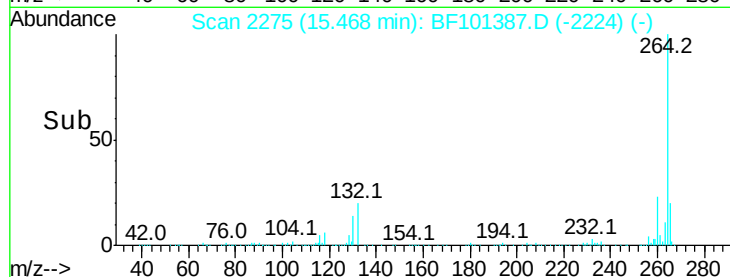
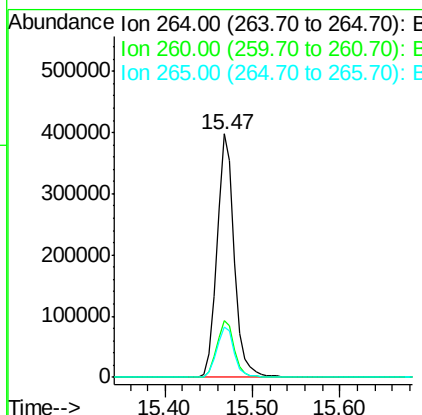
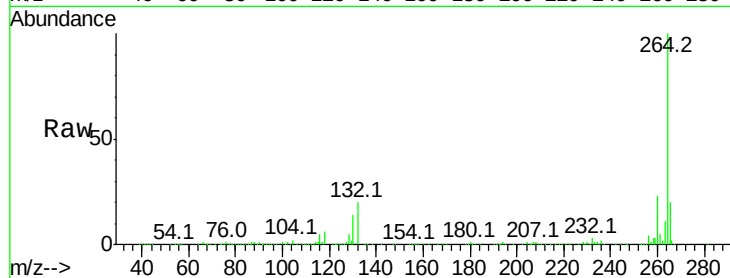




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

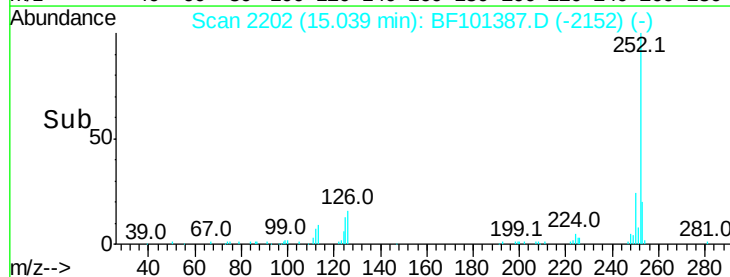
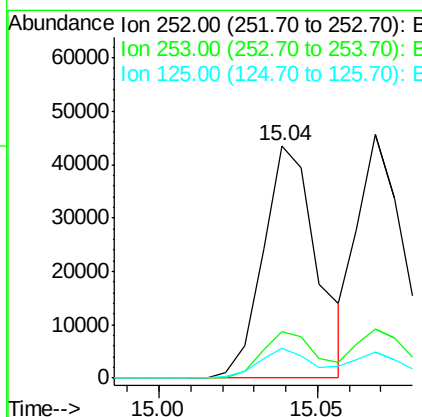
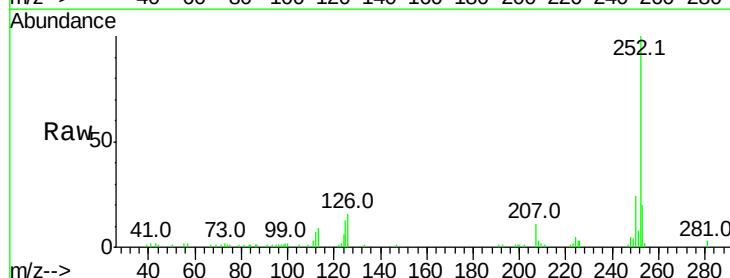
Instrument :
BNA_F
ClientSampled :

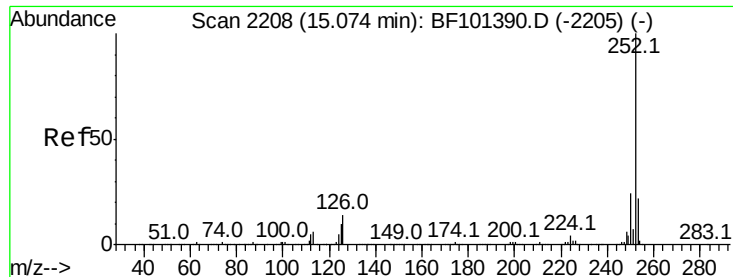
Tot Ion:264 Resp: 542893
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 1.580 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101387.D
Acq: 14 Dec 2017 11:25

Tgt Ion:252 Resp: 51374
Ion Ratio Lower Upper
252 100
253 19.8 17.0 25.6
125 12.7 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 1.466 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF101387.D

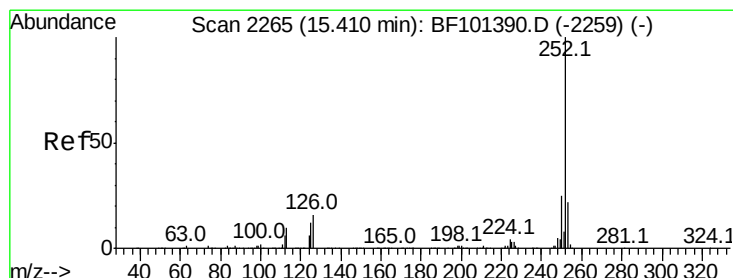
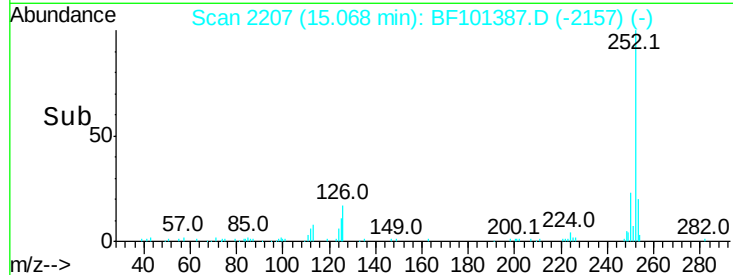
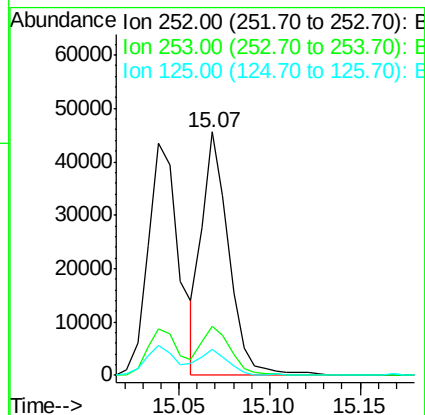
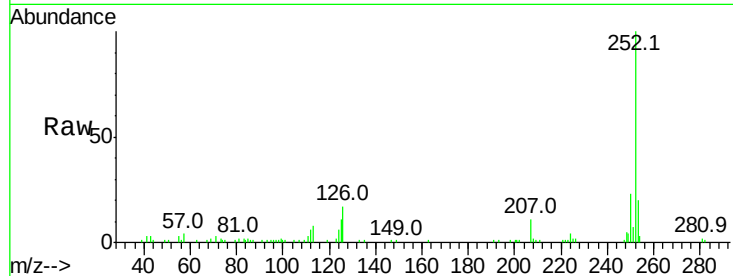
Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	46960
Ion Ratio	Lower	Upper
252	100	
253	20.3	17.9 26.9
125	10.9	10.2 15.2



#89

Benzo(a)pyrene

Concen: 1.557 ng

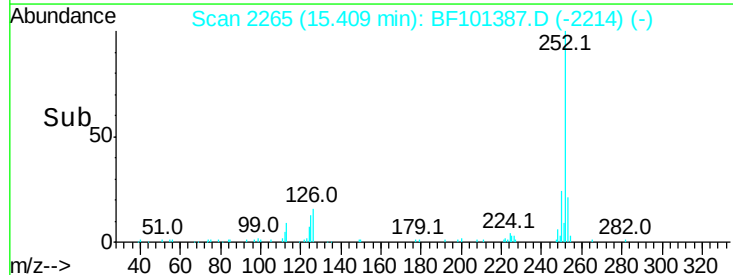
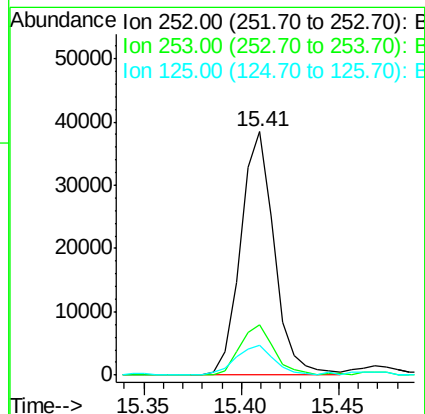
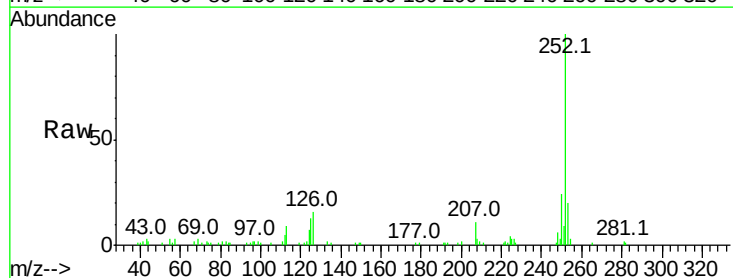
RT: 15.41 min Scan# 2265

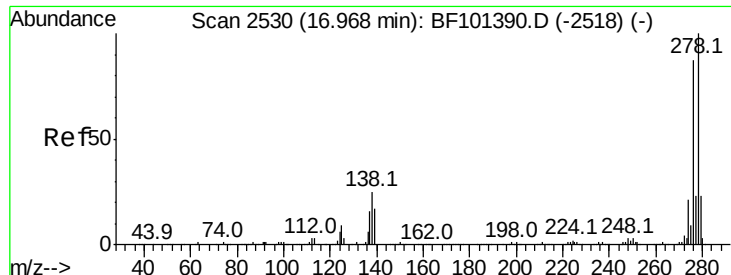
Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Tgt Ion:252	Resp:	46035
Ion Ratio	Lower	Upper
252	100	
253	20.5	17.1 25.7
125	12.5	9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 1.547 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

Instrument :

BNA_F

ClientSampleId :

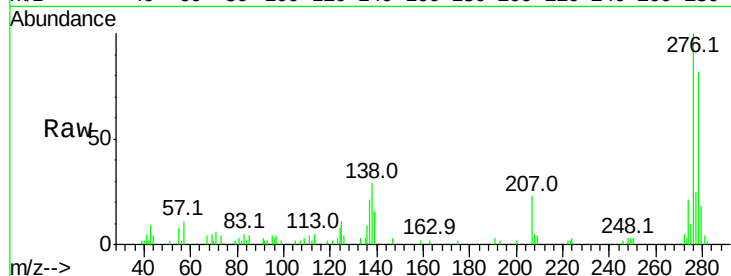
Tot Ion:278 Resp: 40321

Ion Ratio Lower Upper

278 100

139 19.3 15.9 23.9

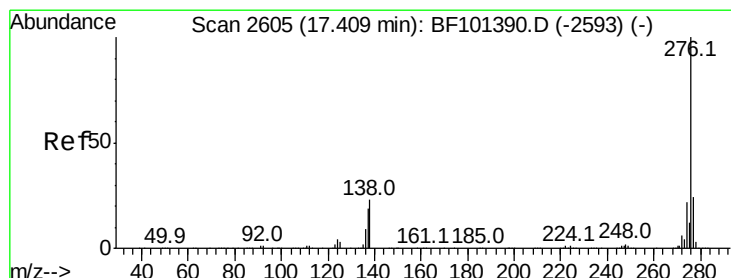
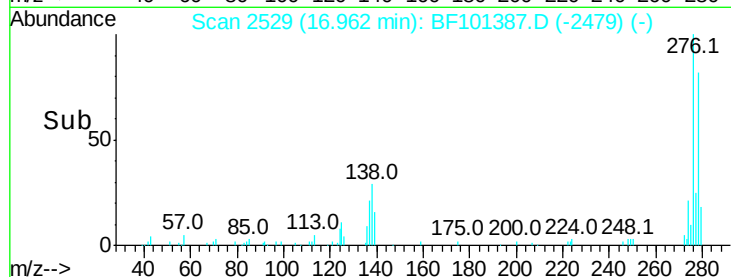
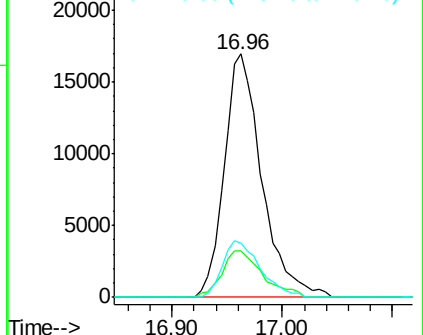
279 22.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.625 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.00 min

Lab File: BF101387.D

Acq: 14 Dec 2017 11:25

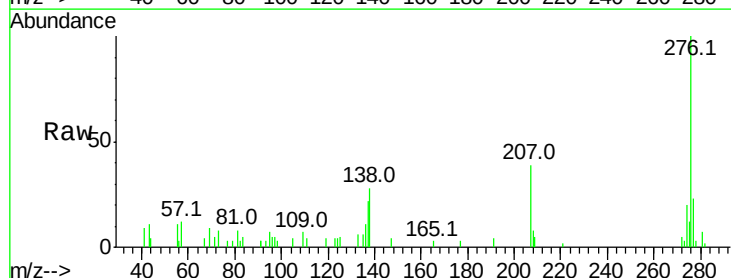
Tgt Ion:276 Resp: 39901

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 27.8 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

