

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101439.D
 Acq On : 15 Dec 2017 13:31
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	153495	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	627610	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	289539	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	553151	20.00	ng	0.00
75) Chrysene-d12	14.00	240	468706	20.00	ng	0.00
86) Perylene-d12	15.47	264	475763	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	811509	78.75	ng	0.00
7) Phenol-d6	6.46	99	937761	73.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	859736	76.25	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	229782	82.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1414362	75.78	ng	0.00
78) Terphenyl-d14	12.93	244	1368118	70.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	200178	37.806	ng	97
3) Pyridine	3.32	79	556961	37.860	ng	98
4) n-Nitrosodimethylamine	3.28	42	244904	36.156	ng	98
6) Aniline	6.49	93	666963	37.424	ng	97
8) 2-Chlorophenol	6.60	128	411884	37.998	ng	99
9) Benzaldehyde	6.37	77	351962	37.161	ng	98
10) Phenol	6.47	94	548274	37.510	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	431891	37.669	ng	97
12) 1,3-Dichlorobenzene	6.76	146	470157	38.430	ng	97
13) 1,4-Dichlorobenzene	6.83	146	472629	37.831	ng	99
14) 1,2-Dichlorobenzene	6.99	146	427801	38.043	ng	98
15) Benzyl Alcohol	6.96	79	322221	36.504	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	662653	37.764	ng	78
17) 2-Methylphenol	7.07	107	366352	36.742	ng	96
18) Hexachloroethane	7.32	117	161906	37.275	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	295419	35.077	ng	93
20) 3+4-Methylphenols	7.23	107	407731	38.589	ng	# 63
22) Acetophenone	7.23	105	529672	36.987	ng	# 89
24) Nitrobenzene	7.40	77	462358	37.053	ng	97
25) Isophorone	7.64	82	817095	36.126	ng	98
26) 2-Nitrophenol	7.72	139	224741	41.923	ng	99
27) 2,4-Dimethylphenol	7.76	122	335881	36.880	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	529649	36.865	ng	99
29) 2,4-Dichlorophenol	7.96	162	345794	38.432	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	356088	37.502	ng	97
31) Naphthalene	8.12	128	1159146	36.686	ng	100
32) Benzoic acid	7.91	122	210081	36.517	ng	94
33) 4-Chloroaniline	8.17	127	506240	36.864	ng	98
34) Hexachlorobutadiene	8.23	225	209822	38.207	ng	97
35) Caprolactam	8.56	113	120720	38.639	ng	# 89
36) 4-Chloro-3-methylphenol	8.66	107	368698	37.282	ng	99
37) 2-Methylnaphthalene	8.81	142	760854	36.961	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	368587	37.705	ng	97
40) Hexachlorocyclopentadiene	8.96	237	58402	42.227	ng	96

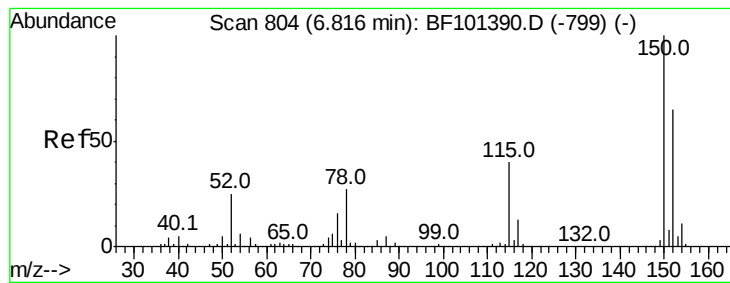
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101439.D
 Acq On : 15 Dec 2017 13:31
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 17:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	225492	38.315	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	249019	38.644	ng	95
45) 1,1'-Biphenyl	9.27	154	947331	36.893	ng	100
46) 2-Chloronaphthalene	9.30	162	718906	36.590	ng	98
47) 2-Nitroaniline	9.41	65	267582	39.424	ng	91
48) Acenaphthylene	9.72	152	1124000	36.220	ng	99
49) Dimethylphthalate	9.57	163	853715	36.657	ng	100
50) 2,6-Dinitrotoluene	9.65	165	184744	39.030	ng	95
51) Acenaphthene	9.89	154	686516	36.822	ng	99
52) 3-Nitroaniline	9.83	138	235337	39.878	ng	96
53) 2,4-Dinitrophenol	9.95	184	54916	39.334	ng	# 17
54) Dibenzofuran	10.06	168	912602	38.516	ng	97
55) 4-Nitrophenol	10.00	139	95558	37.135	ng	91
56) 2,4-Dinitrotoluene	10.06	165	216057	40.513	ng	# 80
57) Fluorene	10.41	166	781559	38.993	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	186077	40.192	ng	88
59) Diethylphthalate	10.27	149	864315	37.476	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	379230	39.478	ng	93
61) 4-Nitroaniline	10.45	138	218945	36.910	ng	97
62) Azobenzene	10.56	77	858654	35.940	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	129567	45.901	ng	85
65) n-Nitrosodiphenylamine	10.52	169	764222	37.416	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	243320	39.148	ng	# 86
67) Hexachlorobenzene	10.96	284	254446	38.680	ng	92
68) Atrazine	11.04	200	236920	38.902	ng	97
69) Pentachlorophenol	11.16	266	85685	37.307	ng	95
70) Phenanthrene	11.37	178	1137908	36.991	ng	99
71) Anthracene	11.43	178	1166984	37.139	ng	100
72) Carbazole	11.59	167	1122641	38.160	ng	99
73) Di-n-butylphthalate	11.90	149	1356890	38.001	ng	99
74) Fluoranthene	12.57	202	1226098	37.973	ng	96
76) Benzidine	12.69	184	728023	36.777	ng	97
77) Pyrene	12.80	202	1277155	36.307	ng	99
79) Butylbenzylphthalate	13.40	149	590722	37.114	ng	97
80) Benzo(a)anthracene	13.99	228	1118091	36.126	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	377555	37.413	ng	96
82) Chrysene	14.03	228	1081338	37.004	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	730787	36.249	ng	99
84) Di-n-octyl phthalate	14.57	149	1348343	37.502	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	925115	35.551	ng	96
87) Benzo(b)fluoranthene	15.04	252	1077605	37.160	ng	97
88) Benzo(k)fluoranthene	15.07	252	961604	34.106	ng	# 97
89) Benzo(a)pyrene	15.41	252	964346	36.074	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	789005	34.376	ng	97
91) Benzo(g,h,i)perylene	17.40	276	780017	34.320	ng	96

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

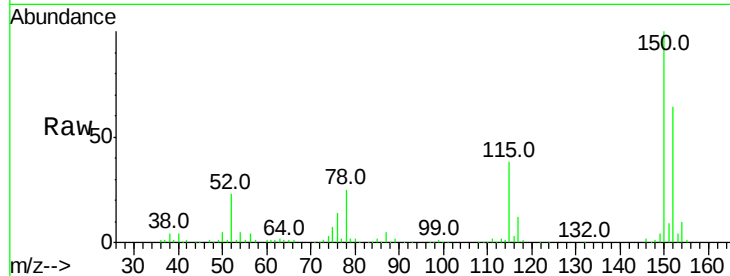


#1

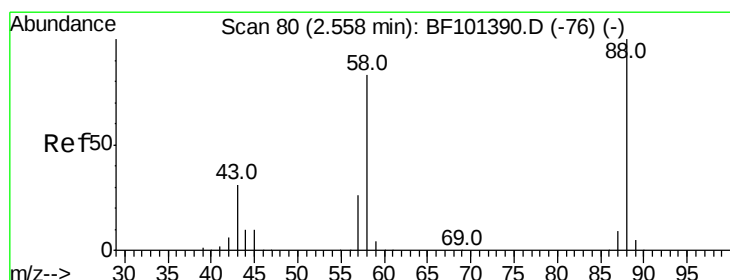
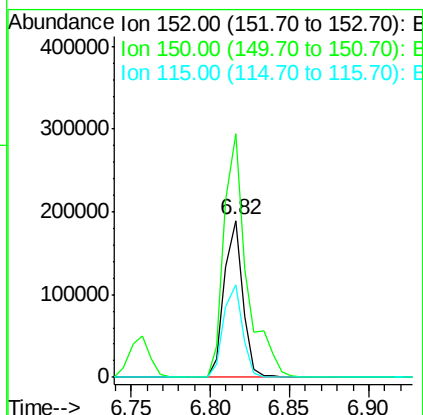
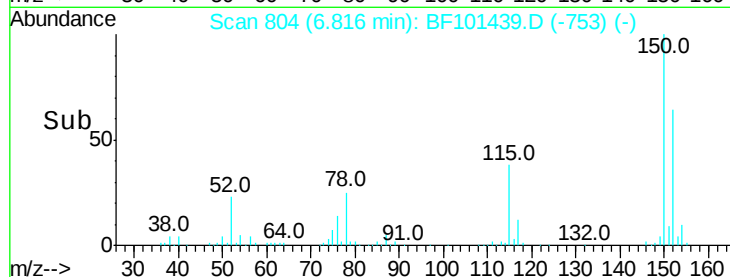
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153495
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.2 50.1 75.1



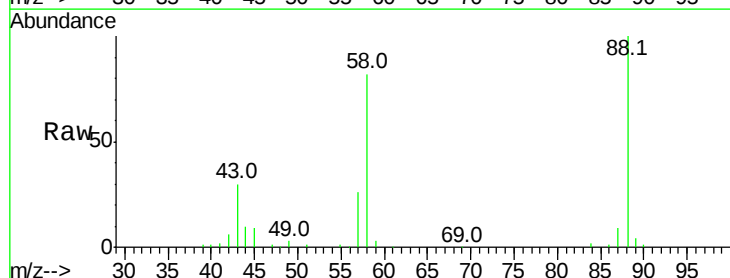
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



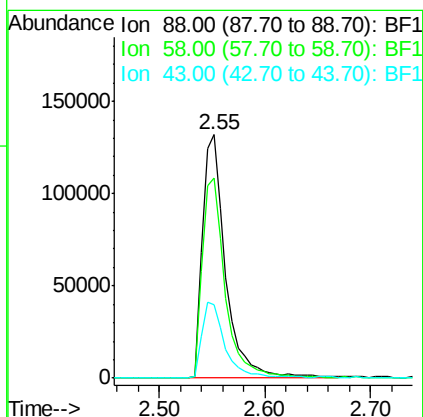
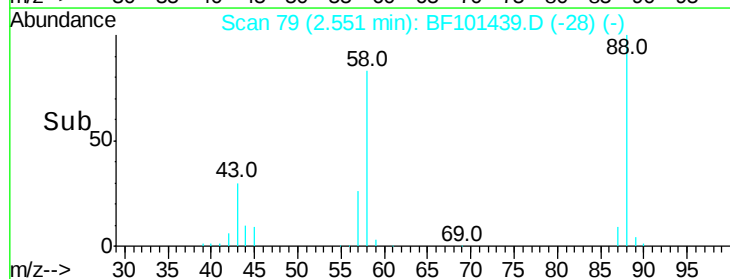
#2

1,4-Dioxane
Concen: 37.806 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion: 88 Resp: 200178
Ion Ratio Lower Upper
88 100
58 81.7 62.6 93.8
43 31.2 24.6 37.0



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

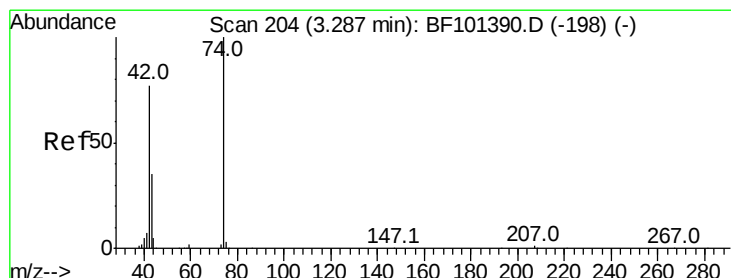
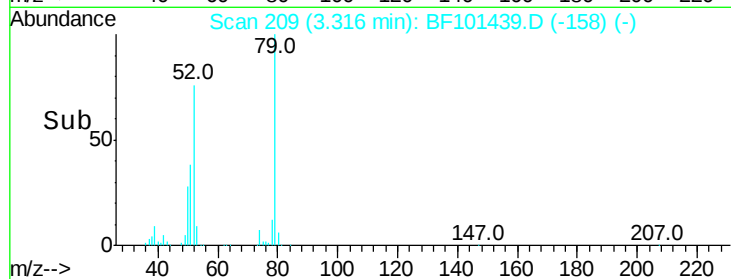
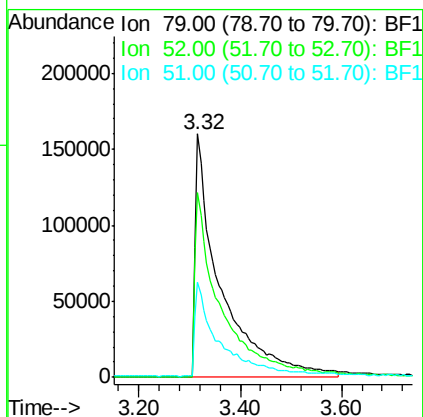
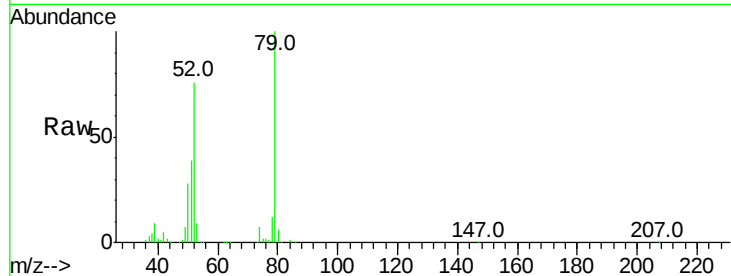




#3
 Pvridine
 Concen: 37.860 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

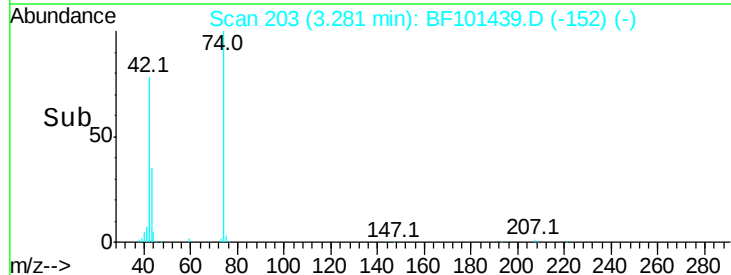
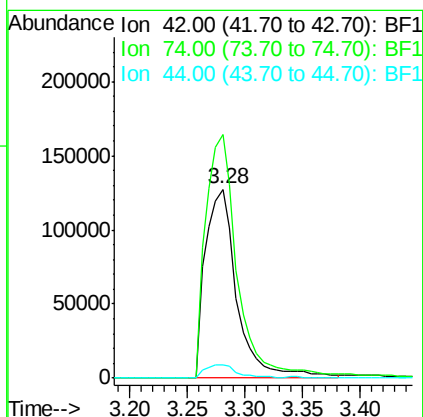
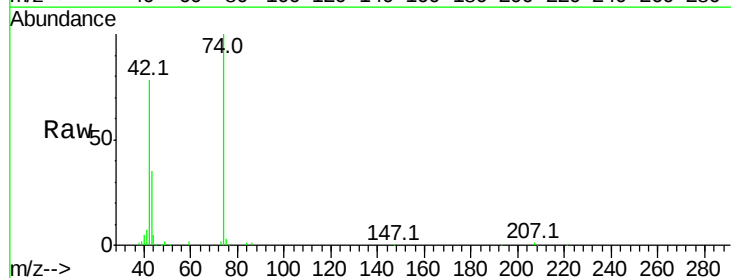
Instrument :
 BNA_F
 ClientSampleId :

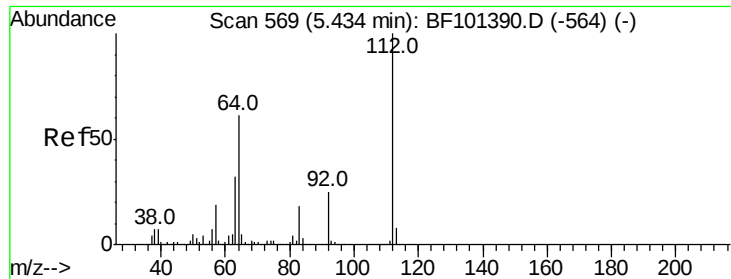
Tot Ion: 79 Resp: 556961
 Ion Ratio Lower Upper
 79 100
 52 76.1 59.8 89.6
 51 39.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.156 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion: 42 Resp: 244904
 Ion Ratio Lower Upper
 42 100
 74 128.9 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 78.752 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

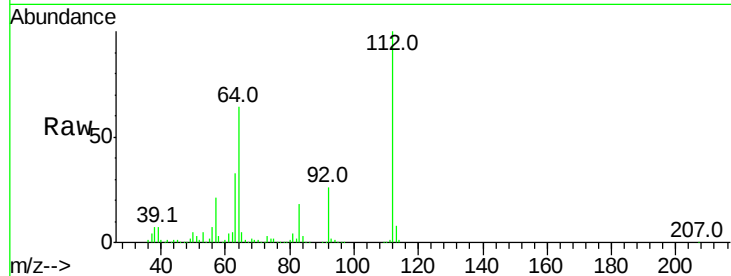
Tot Ion:112 Resp: 811509

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

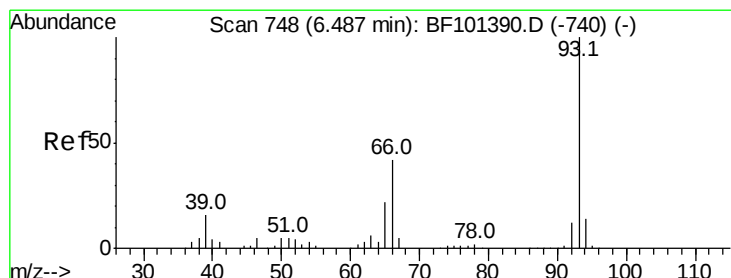
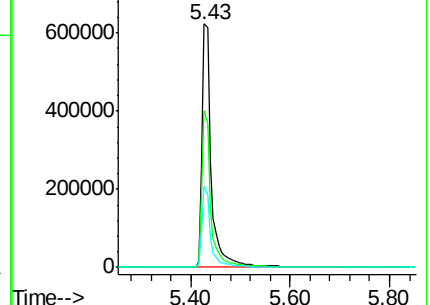
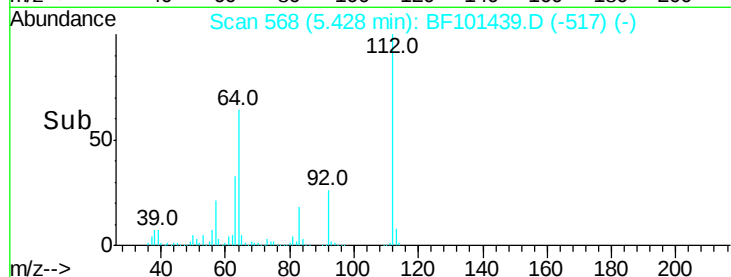
63 33.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.424 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

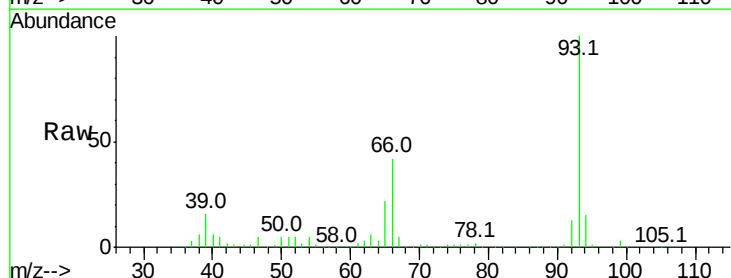
Tgt Ion: 93 Resp: 666963

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

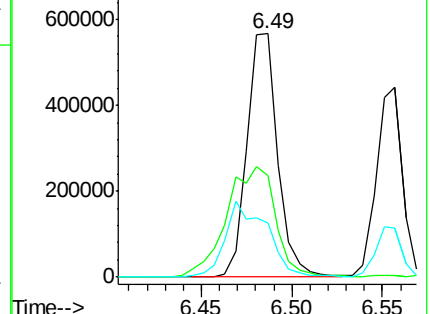
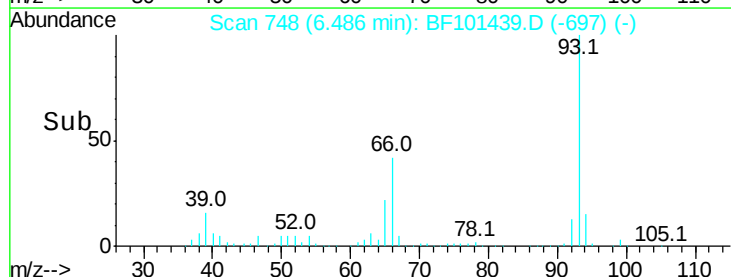
65 22.1 16.4 24.6

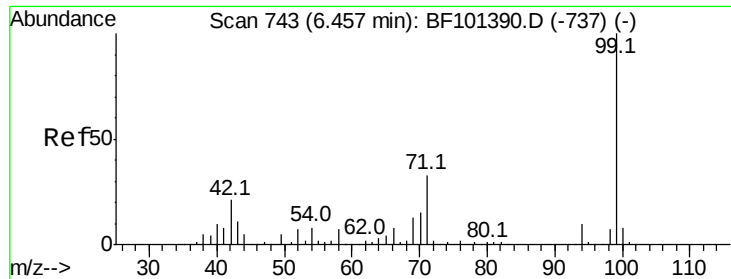


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.123 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

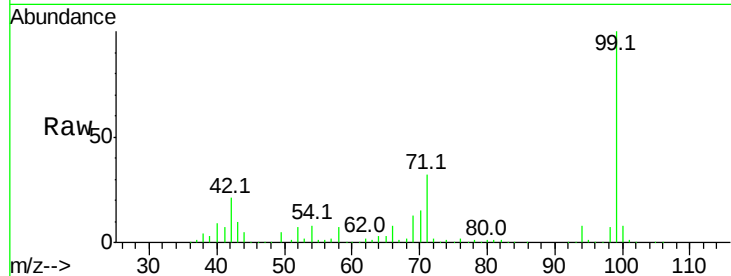
Tot Ion: 99 Resp: 937761

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

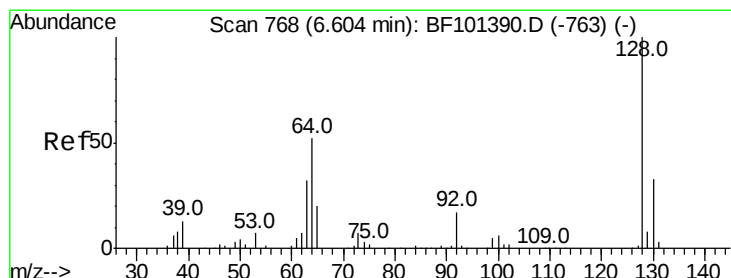
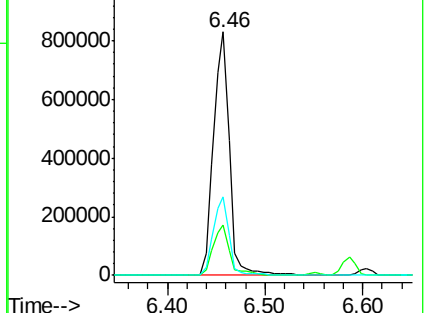
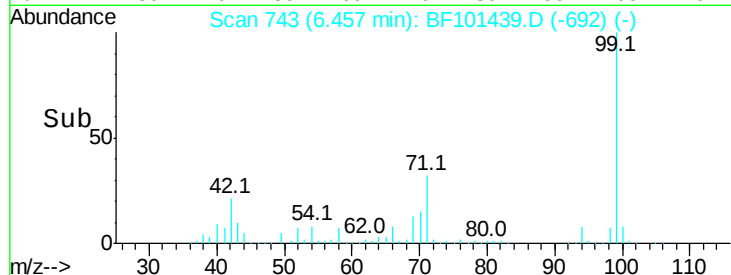
71 32.2 25.4 38.0



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: 37.998 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

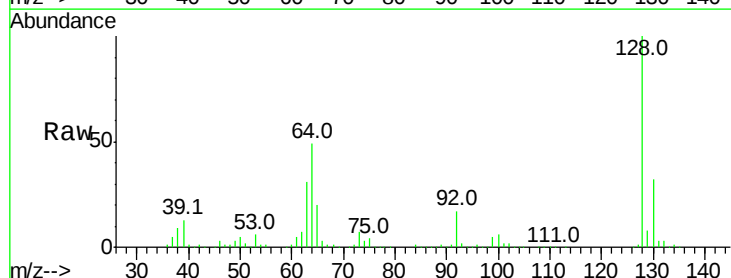
Tgt Ion: 128 Resp: 411884

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

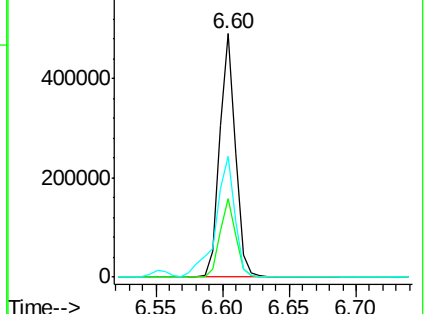
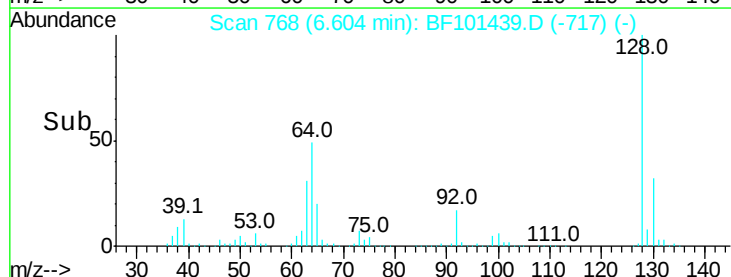
64 49.4 29.4 69.4

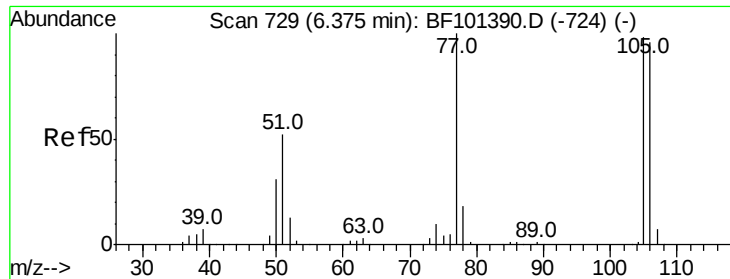


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

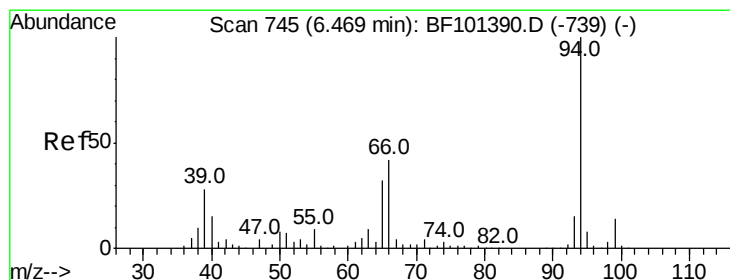
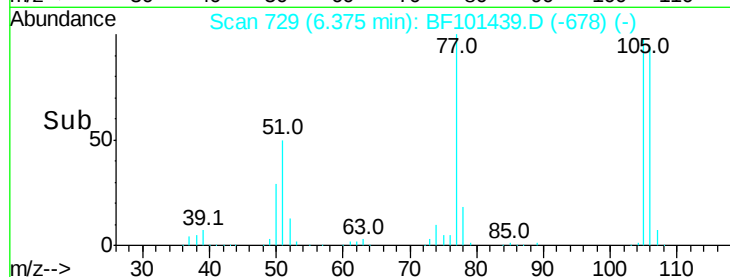
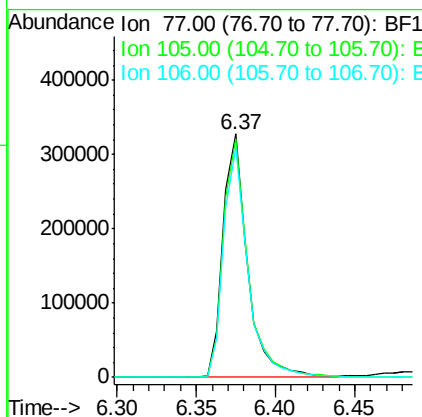
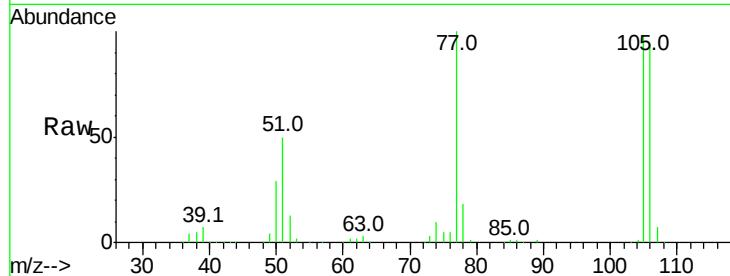




#9
Benzaldehyde
Concen: 37.161 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

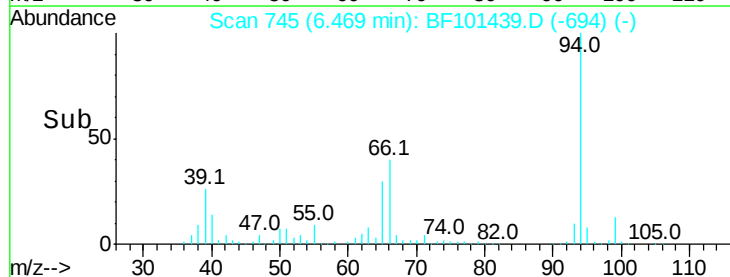
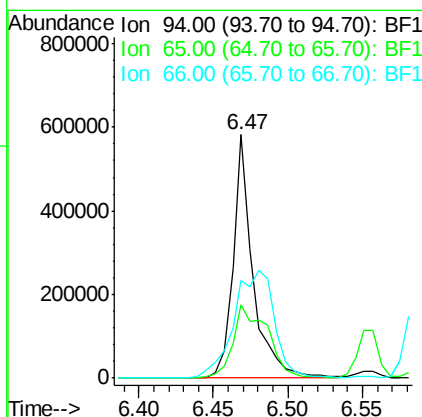
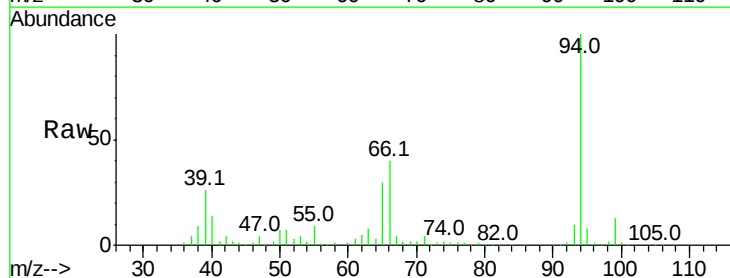
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 351962
Ion Ratio Lower Upper
77 100
105 98.0 81.1 121.1
106 94.4 74.5 114.5



#10
Phenol
Concen: 37.510 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion: 94 Resp: 548274
Ion Ratio Lower Upper
94 100
65 30.2 7.9 47.9
66 40.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.669 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampled :

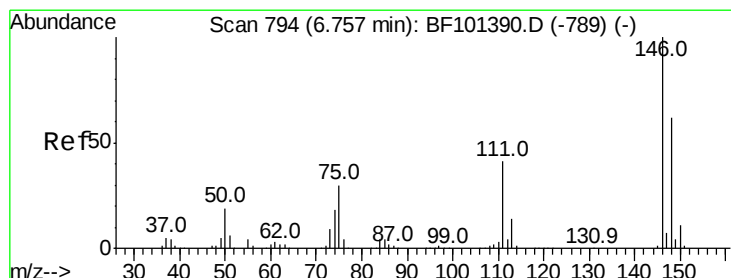
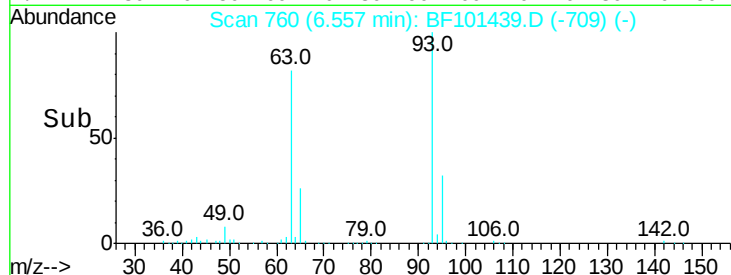
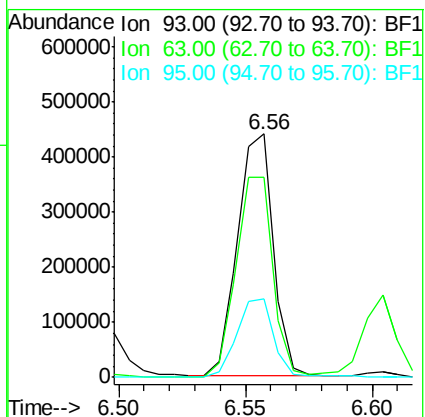
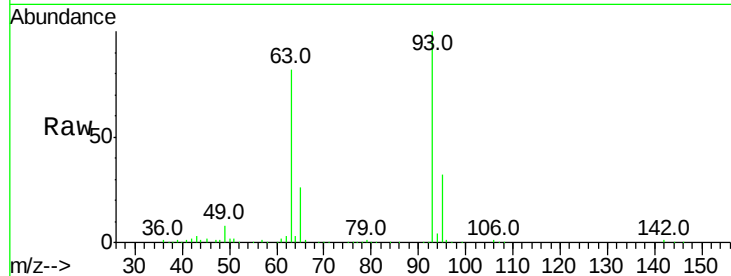
Tot Ion: 93 Resp: 431891

Ion Ratio Lower Upper

93 100

63 82.3 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.430 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

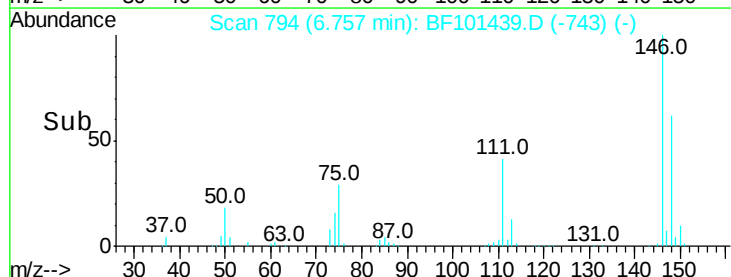
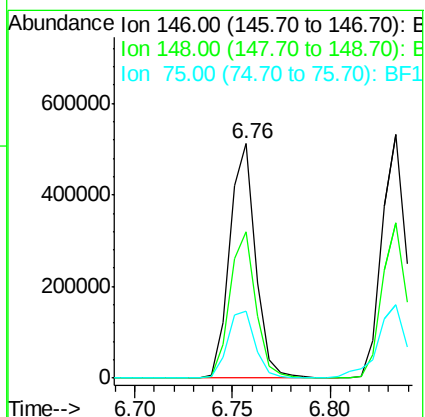
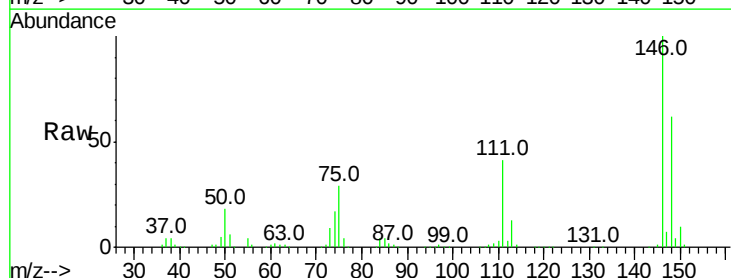
Tgt Ion: 146 Resp: 470157

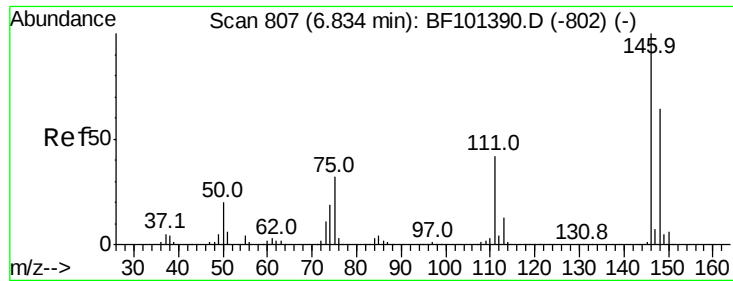
Ion Ratio Lower Upper

146 100

148 62.2 51.8 77.8

75 28.8 24.2 36.4

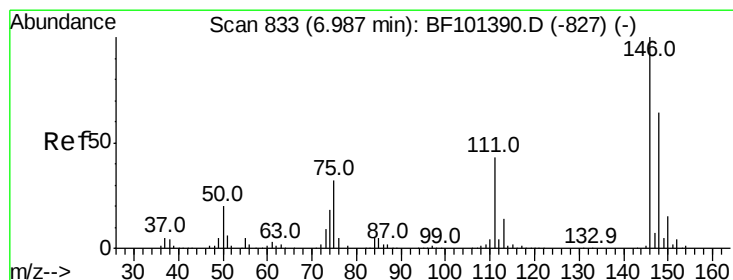
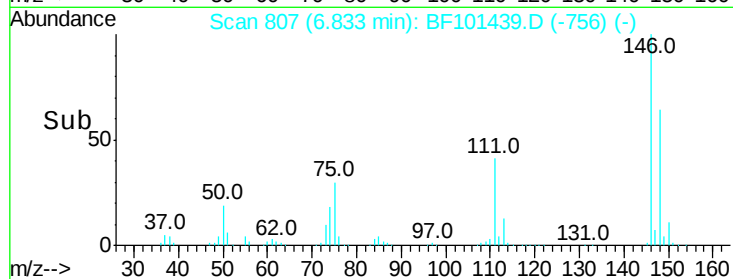
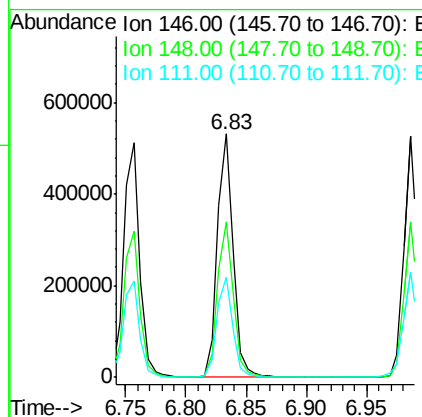
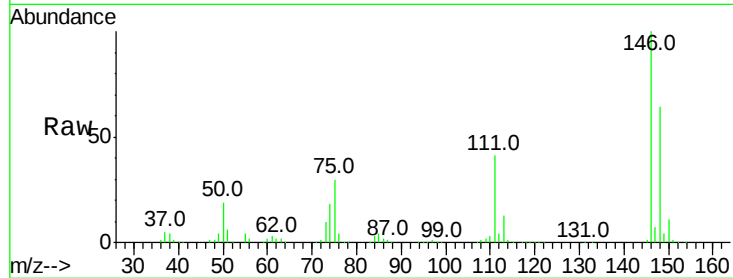




#13
 1,4-Dichlorobenzene
 Concen: 37.831 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

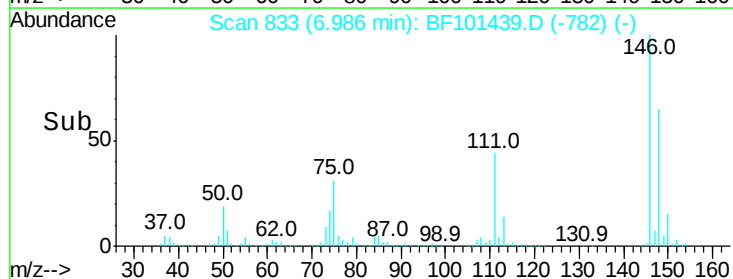
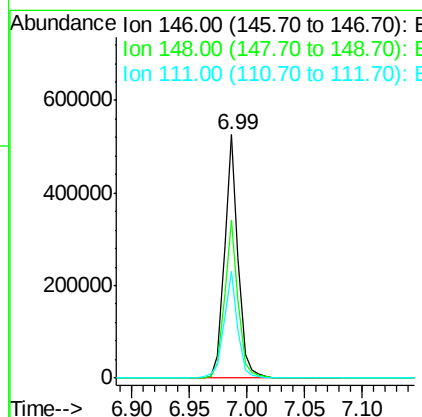
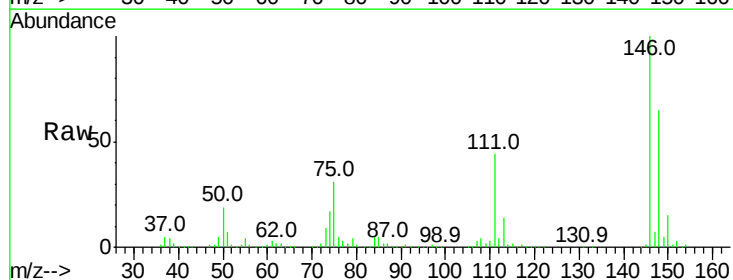
Instrument :
 BNA_F
 ClientSampleId :

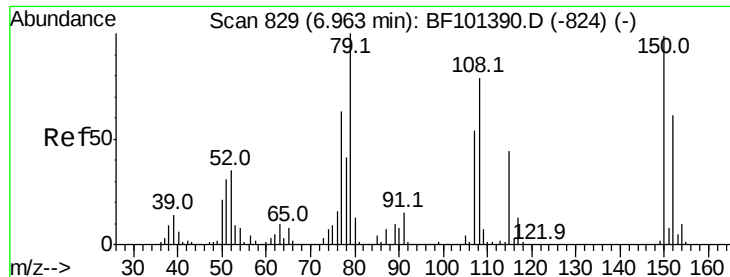
Tot Ion:146 Resp: 472629
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.043 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:146 Resp: 427801
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.504 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :
BNA_F
ClientSampled :

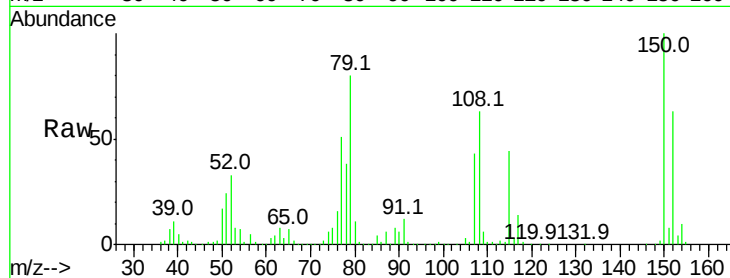
Tot Ion: 79 Resp: 322221

Ion Ratio Lower Upper

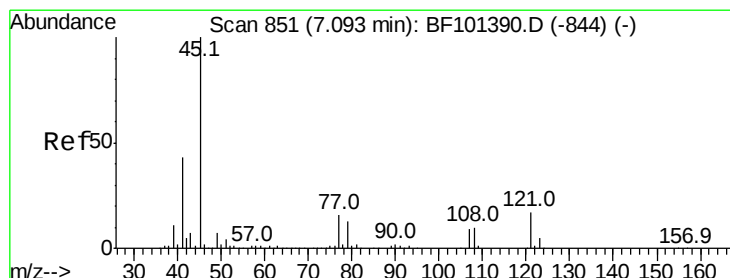
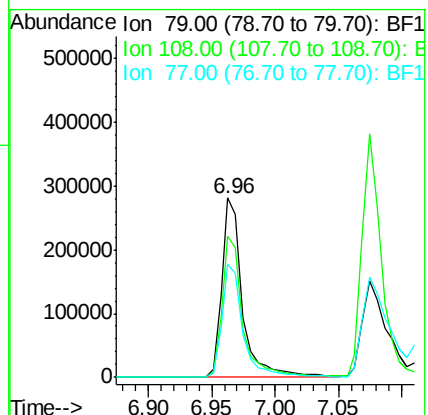
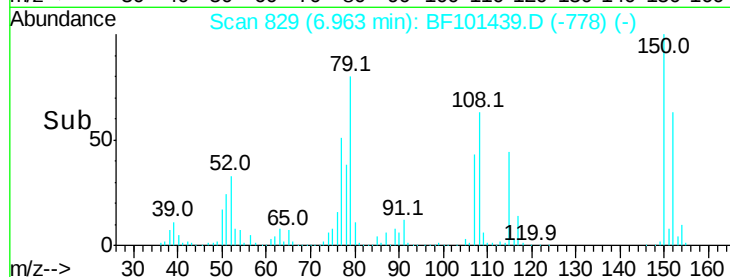
79 100

108 78.9 65.1 97.7

77 63.0 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: 37.764 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

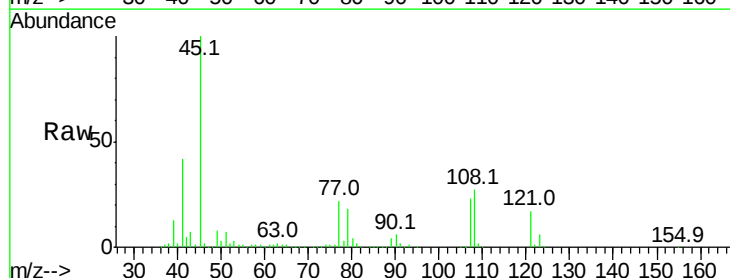
Tgt Ion: 45 Resp: 662653

Ion Ratio Lower Upper

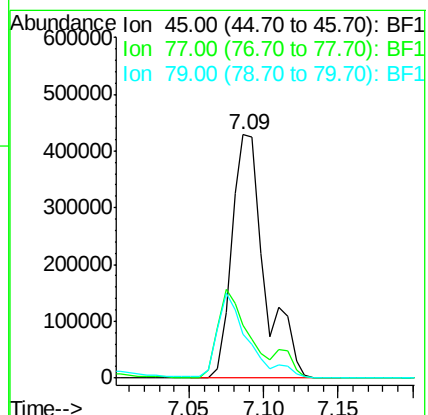
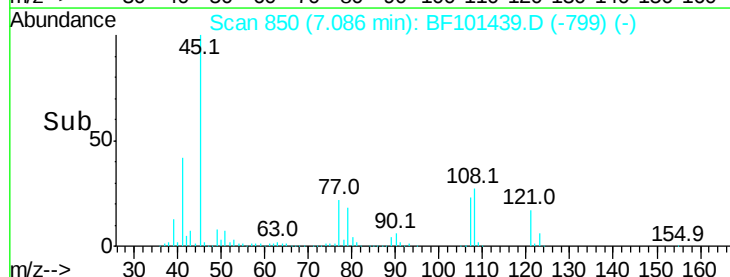
45 100

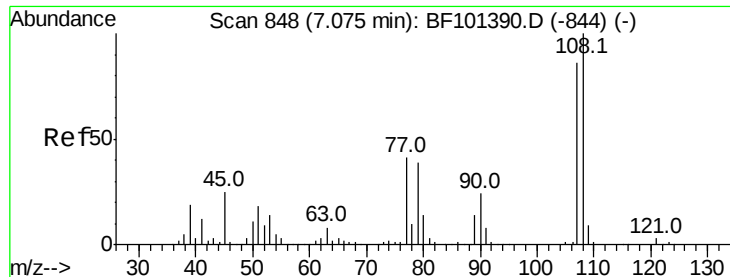
77 21.8 0.0 32.9

79 17.9 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

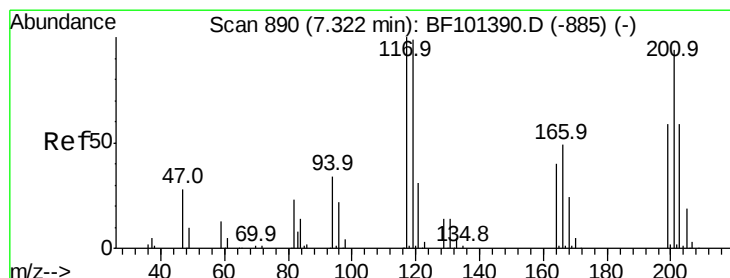
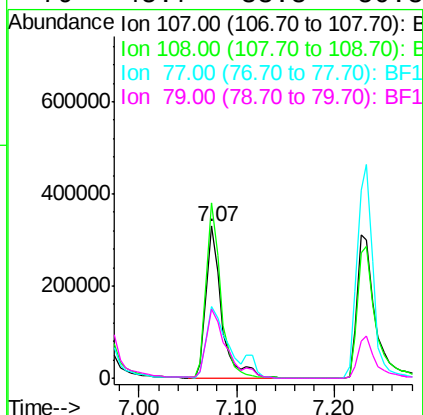
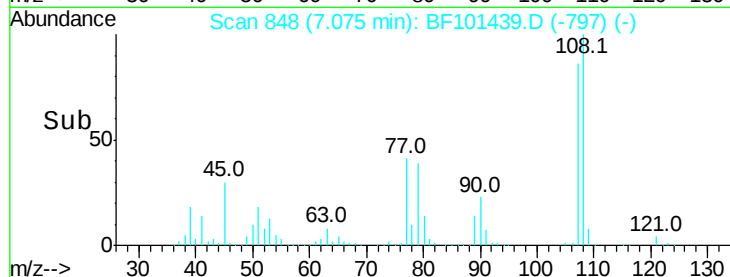
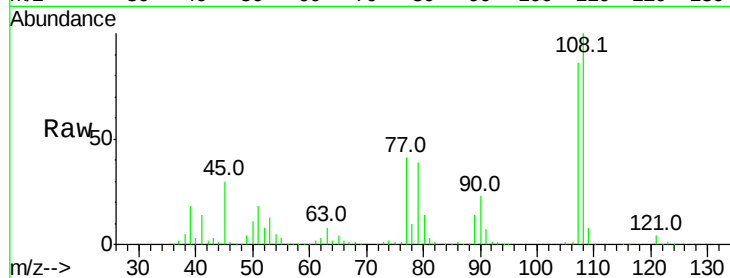




#17
2-Methylphenol
Concen: 36.742 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

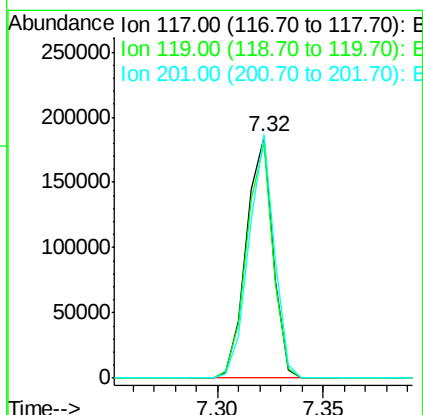
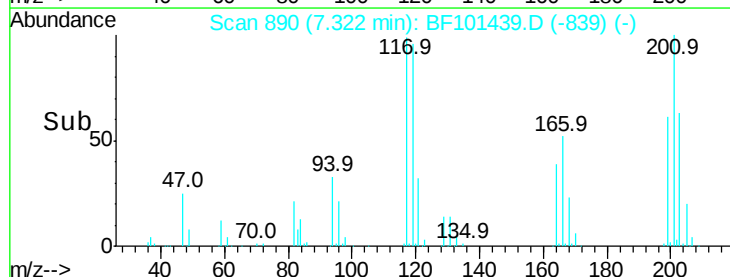
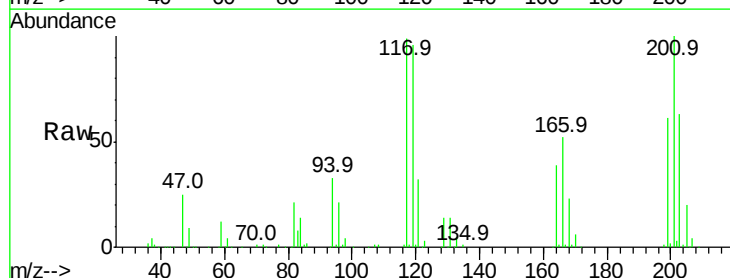
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 366352
Ion Ratio Lower Upper
107 100
108 115.9 91.7 137.5
77 47.6 33.8 50.8
79 45.7 33.8 50.8



#18
Hexachloroethane
Concen: 37.275 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:117 Resp: 161906
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 100.8 75.7 113.5

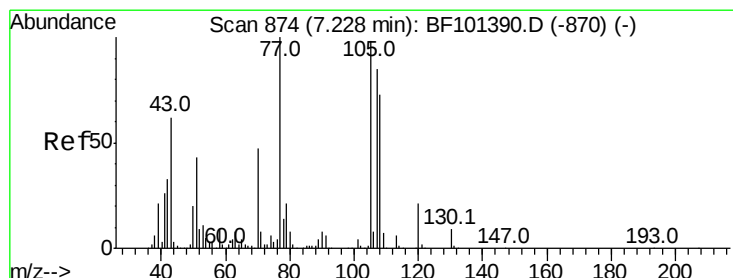
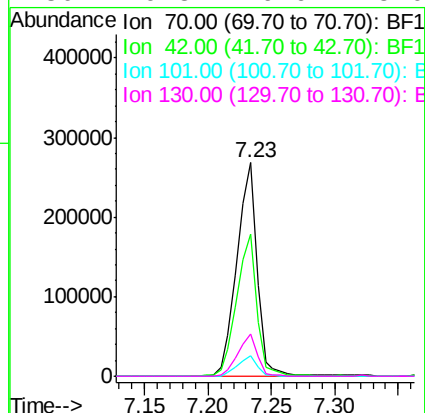
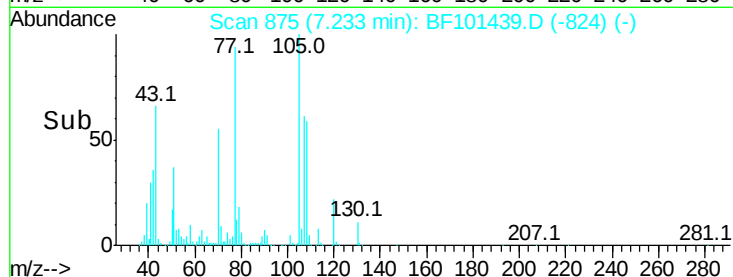
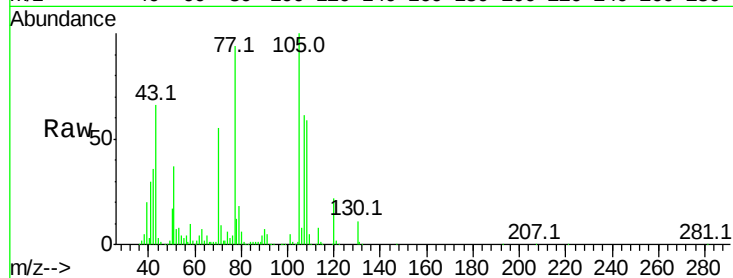




#19
n-Nitroso-di-n-propylamine
Concen: 35.077 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

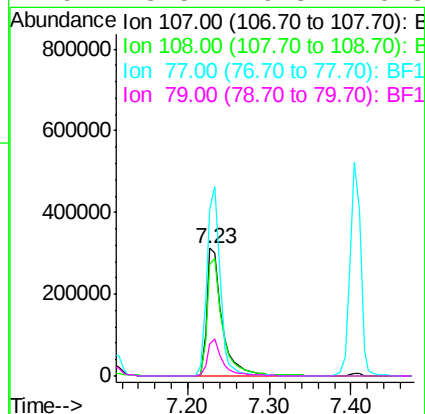
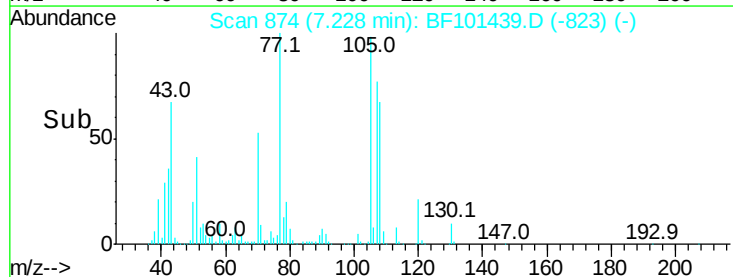
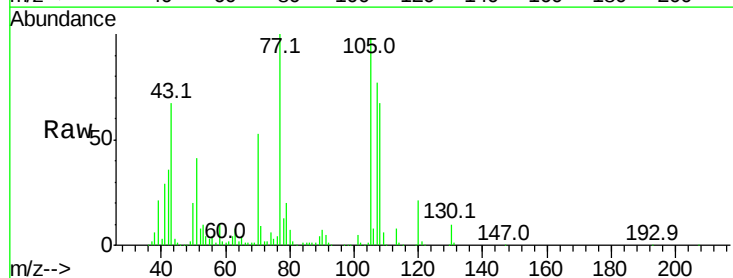
Instrument :
BNA_F
ClientSampleId :

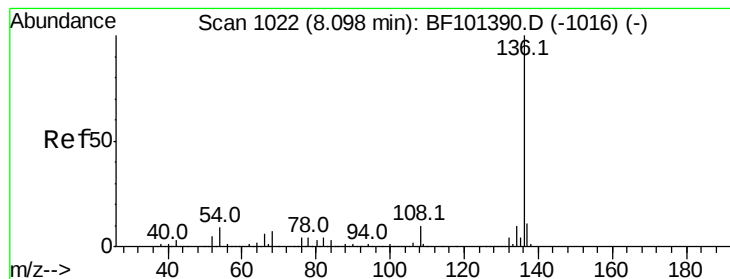
Tot Ion:	70	Resp:	295419
Ion	Ratio	Lower	Upper
70	100		
42	66.4	47.5	71.3
101	9.7	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.589 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:	107	Resp:	407731
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	130.5	26.7	66.7#
79	25.5	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: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 627610

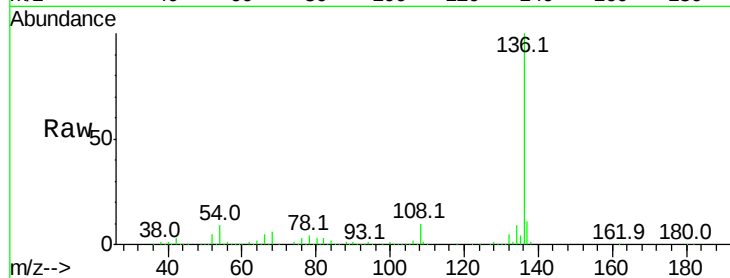
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

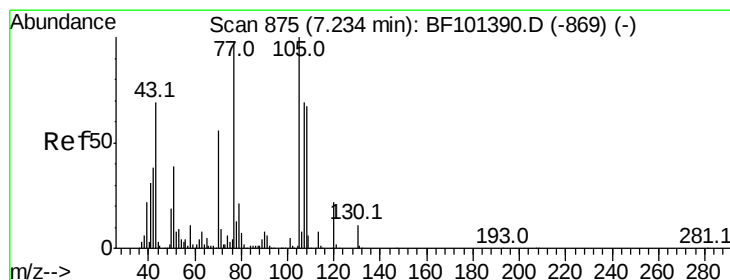
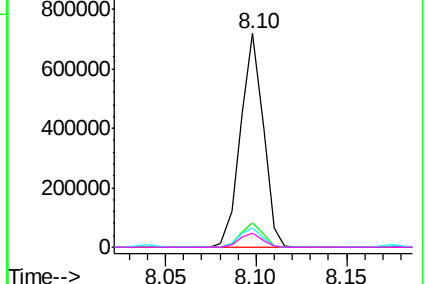
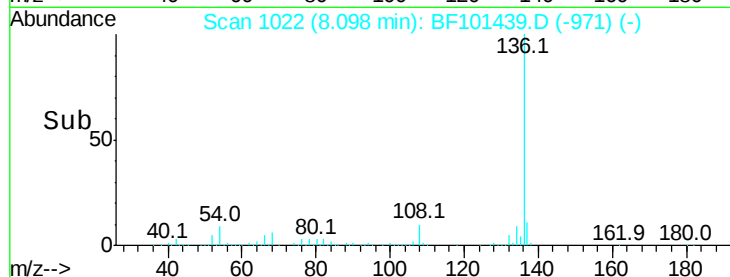


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.987 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Tgt Ion:105 Resp: 529672

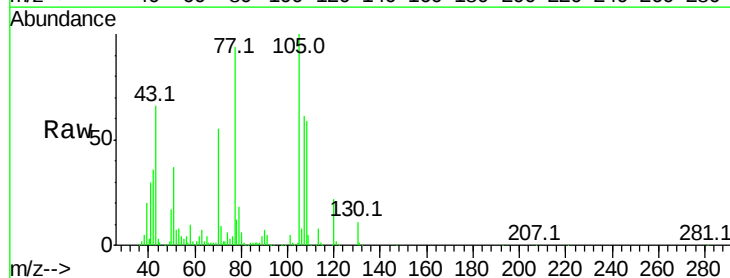
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 37.4 22.3 33.5#

120 21.7 16.9 25.3

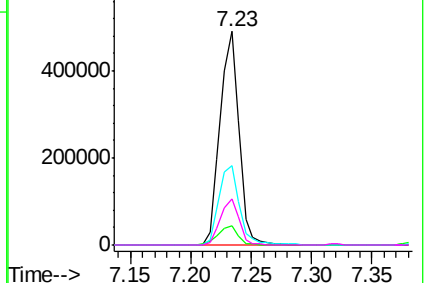
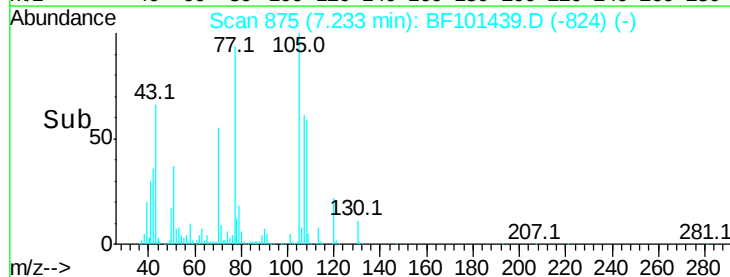


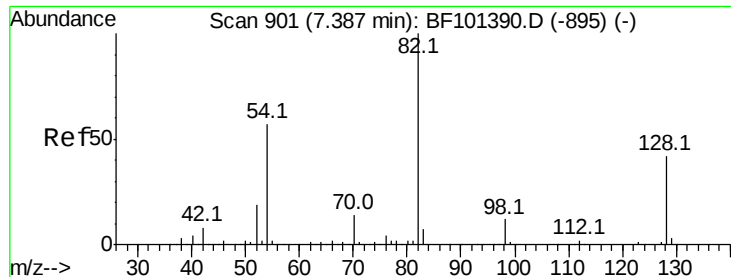
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

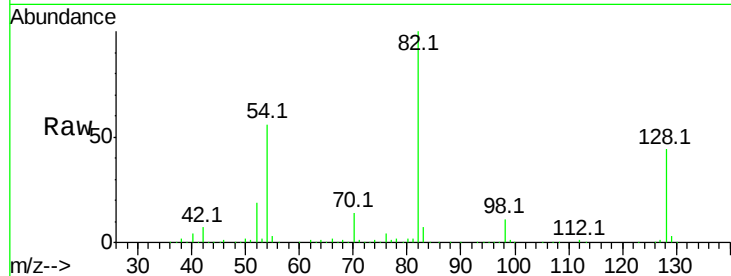




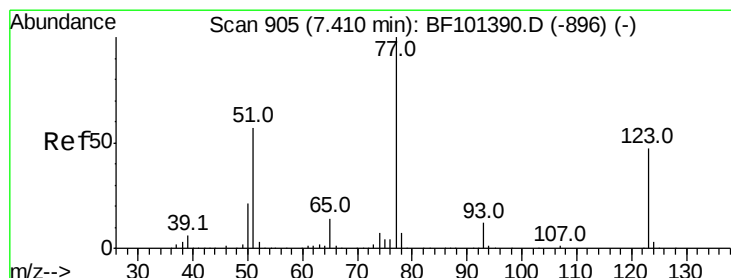
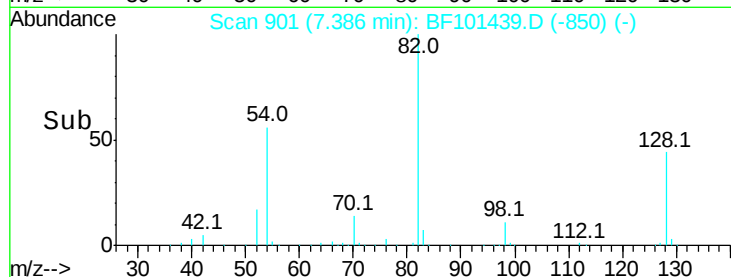
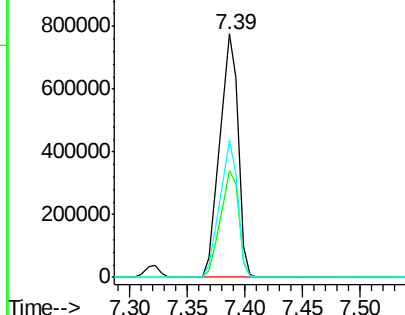
#23
Nitrobenzene-d5
Concen: 76.254 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 859736
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 56.5 41.4 62.2

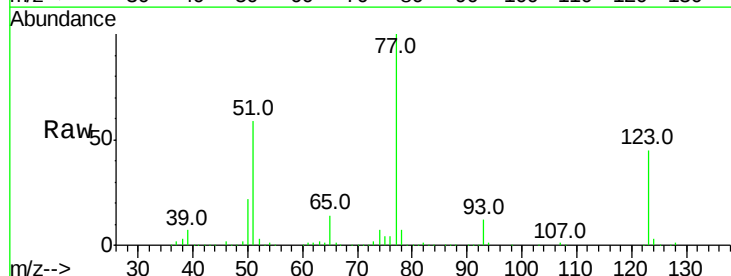


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

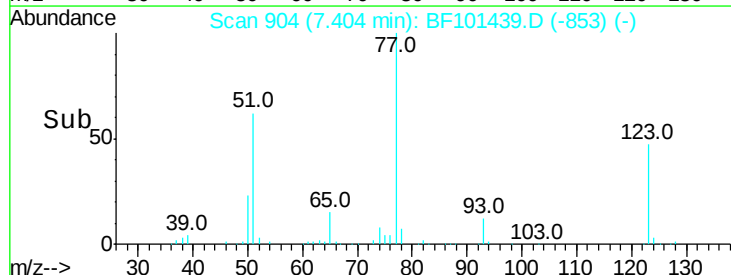
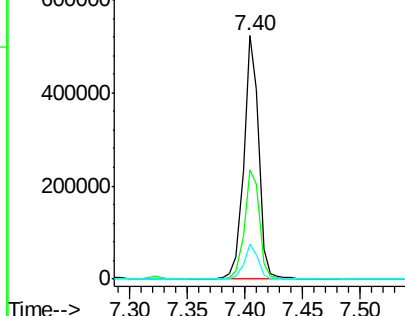


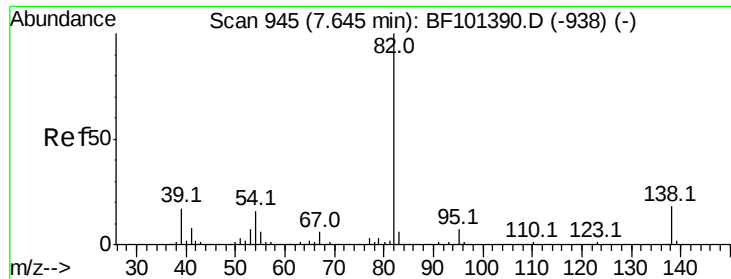
#24
Nitrobenzene
Concen: 37.053 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion: 77 Resp: 462358
Ion Ratio Lower Upper
77 100
123 45.1 37.9 56.9
65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 36.126 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

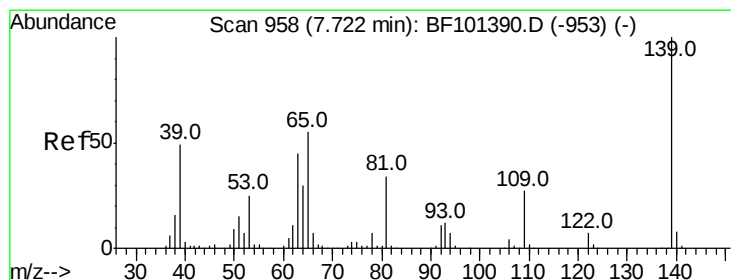
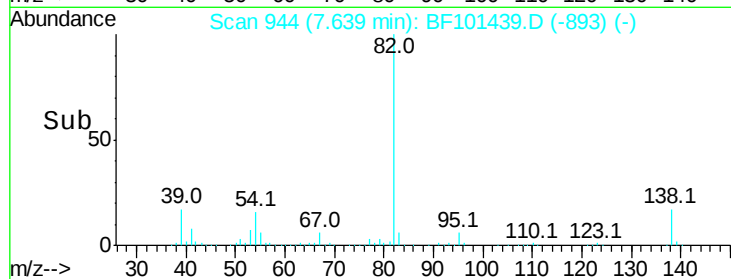
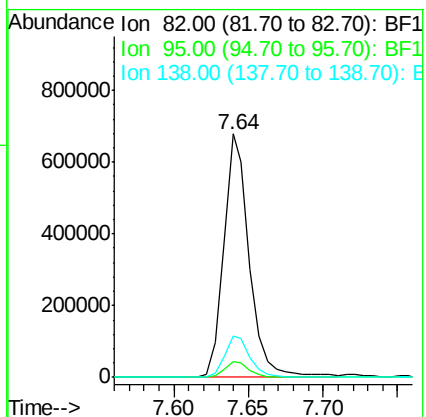
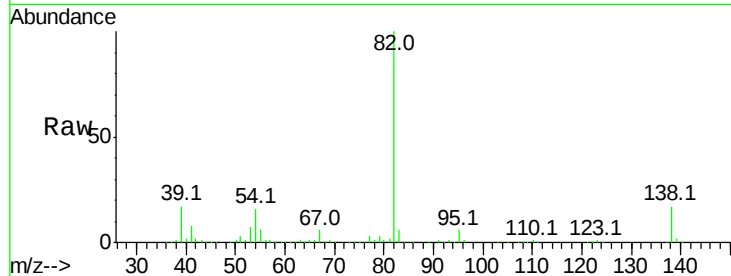
Tot Ion: 82 Resp: 817095

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 41.923 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

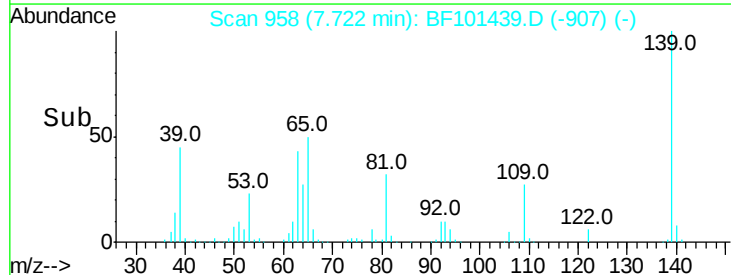
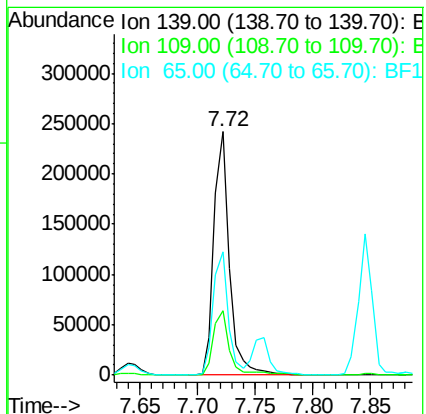
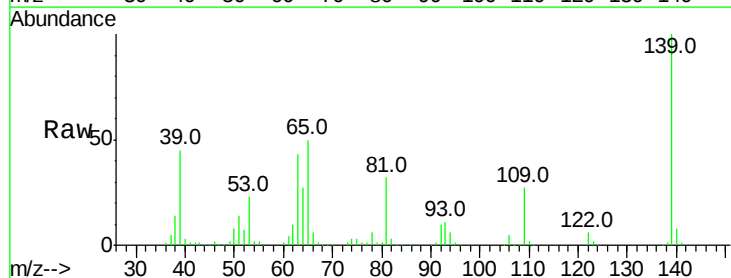
Tgt Ion: 139 Resp: 224741

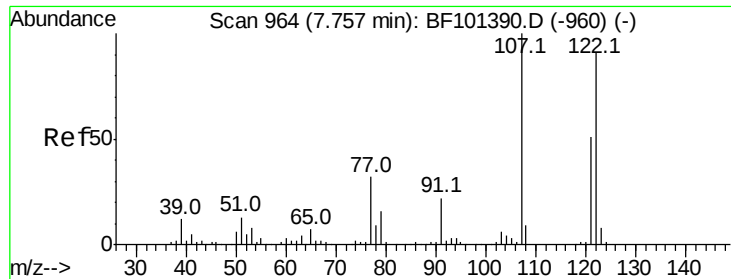
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 50.5 40.5 60.7

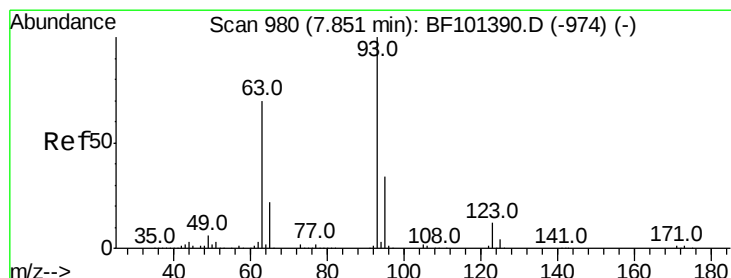
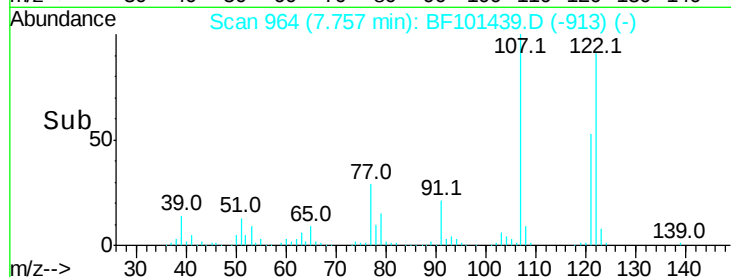
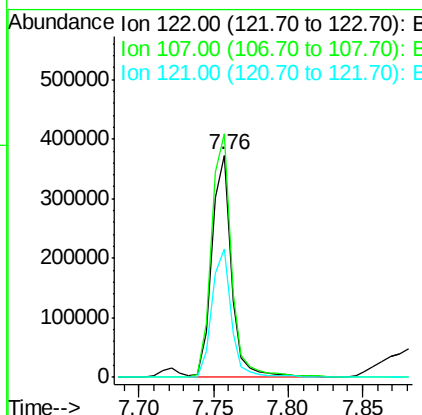
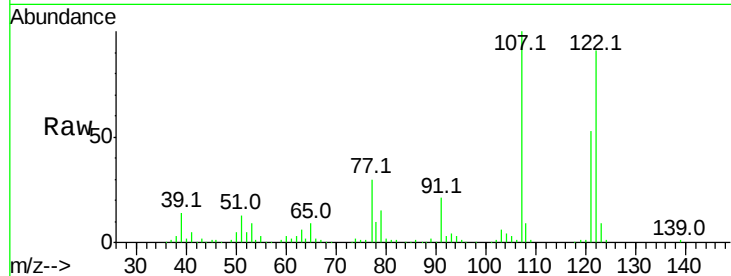




#27
2,4-Dimethylphenol
Concen: 36.880 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

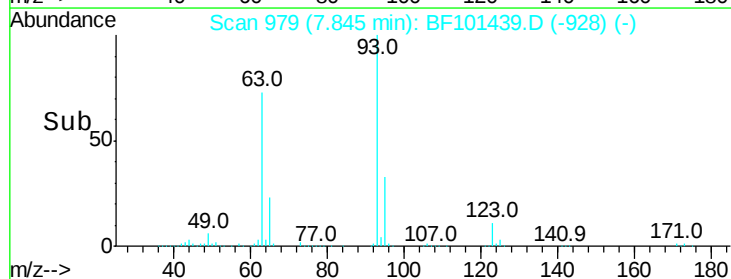
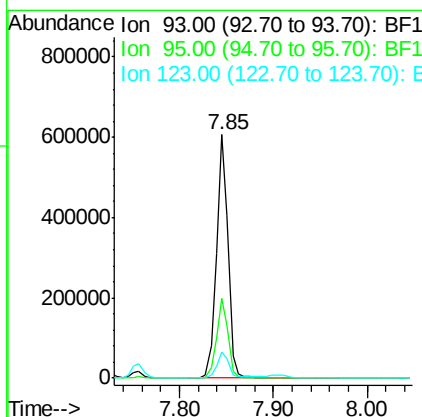
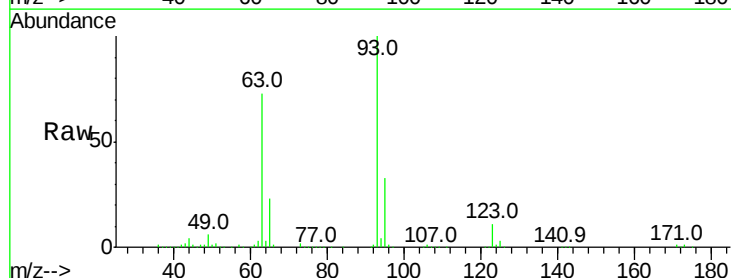
Instrument :
BNA_F
ClientSampleId :

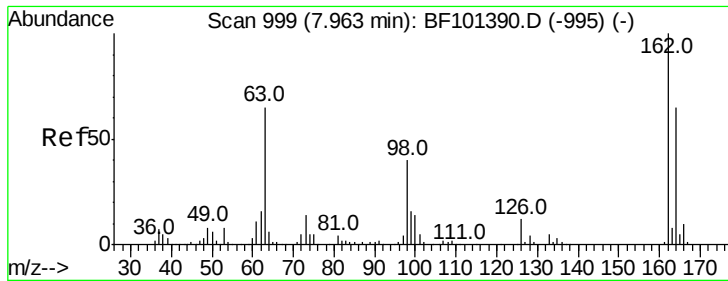
Tot Ion:122 Resp: 335881
Ion Ratio Lower Upper
122 100
107 109.7 91.2 136.8
121 58.0 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.865 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion: 93 Resp: 529649
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.9 9.8 14.6

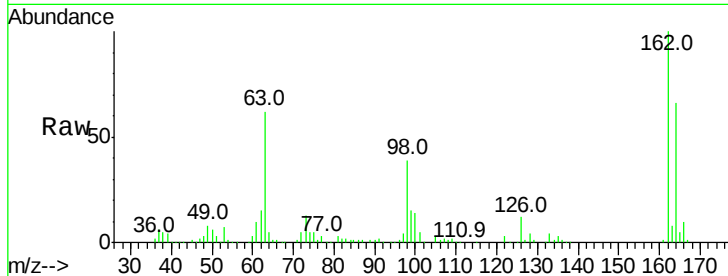




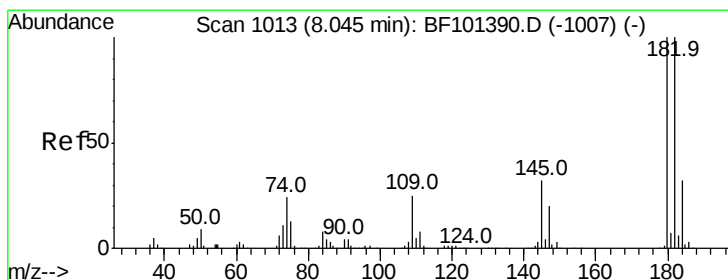
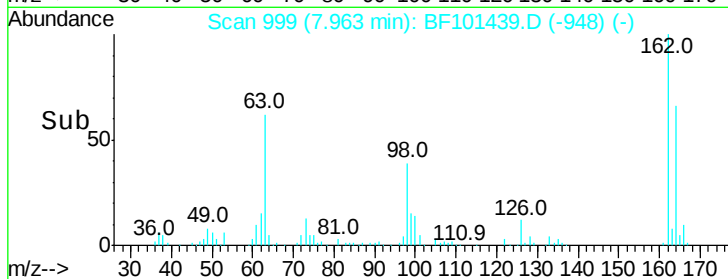
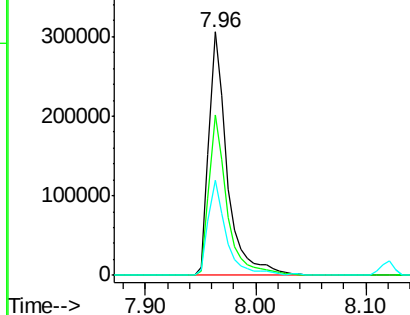
#29
 2,4-Dichlorophenol
 Concen: 38.432 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	42.7	82.7
98	39.0	18.1	58.1

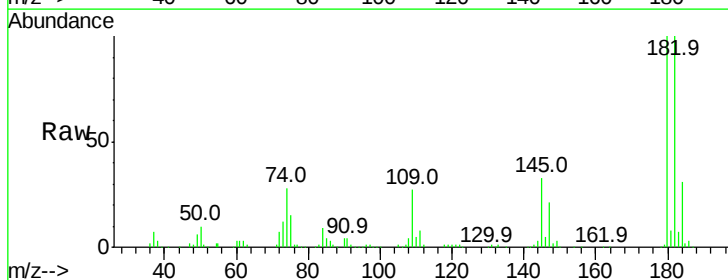


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

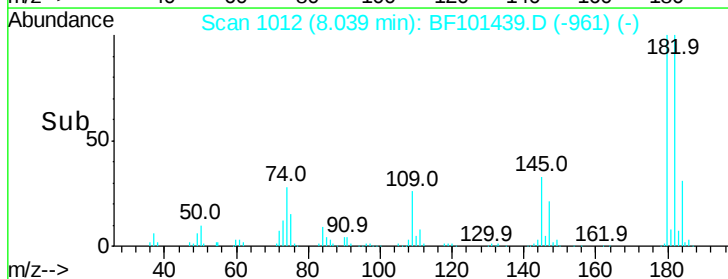
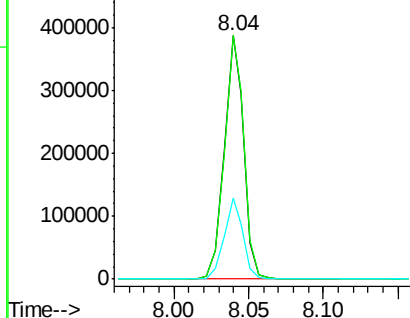


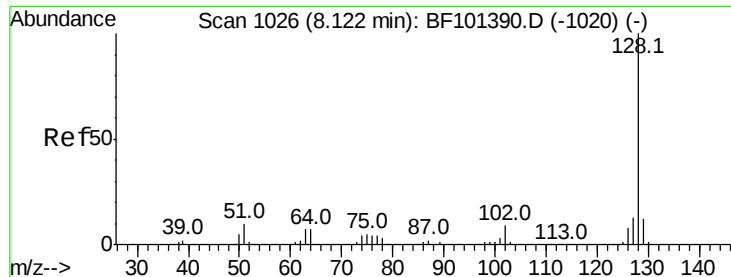
#30
 1,2,4-Trichlorobenzene
 Concen: 37.502 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	76.8	115.2
145	33.4	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

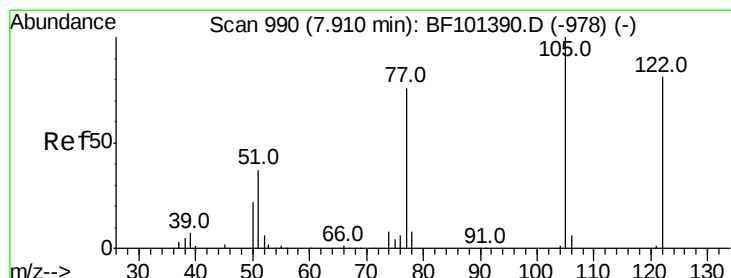
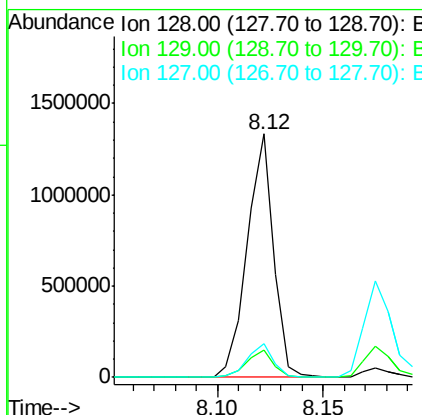
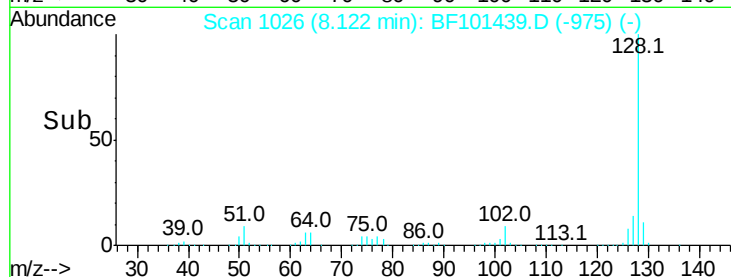
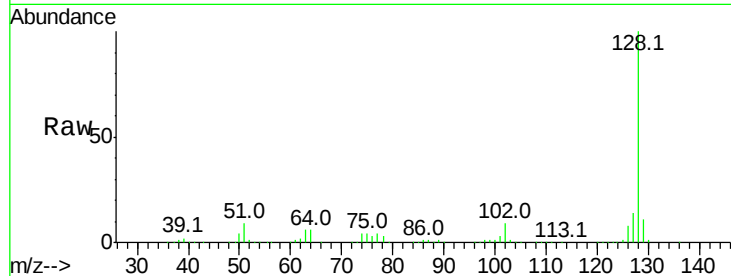




#31
Naphthalene
Concen: 36.686 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

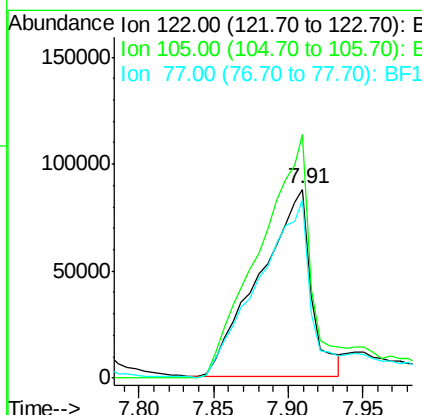
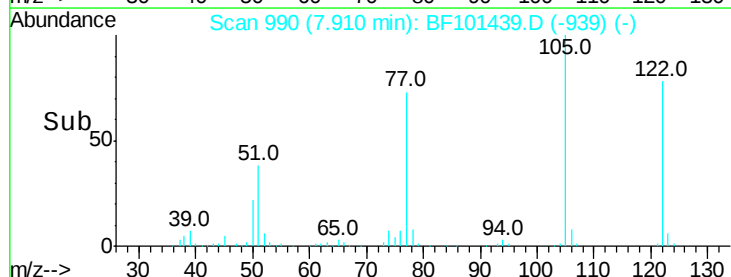
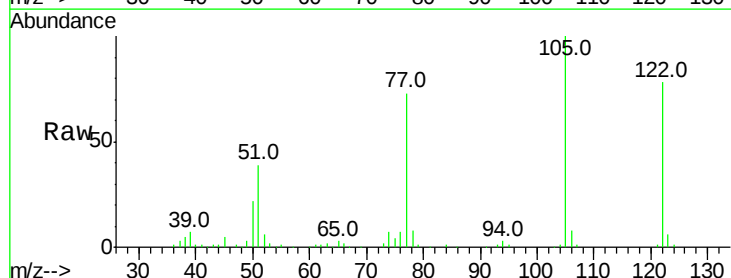
Instrument :
BNA_F
ClientSampleId :

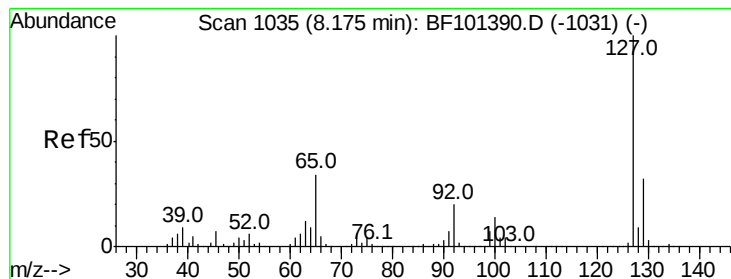
Tot Ion:128 Resp: 1159146
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 36.517 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:122 Resp: 210081
Ion Ratio Lower Upper
122 100
105 128.9 101.1 141.1
77 94.5 70.7 110.7





#33

4-Chloroaniline

Concen: 36.864 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 506240

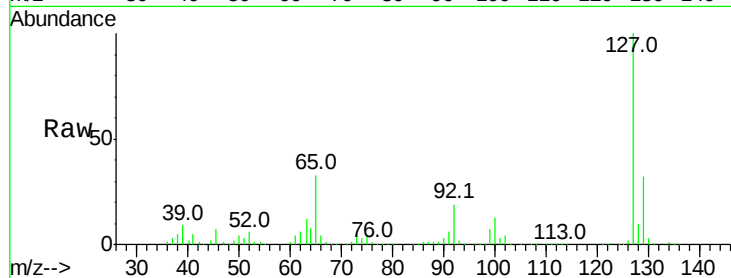
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 33.1 25.0 37.4

92 19.2 15.2 22.8

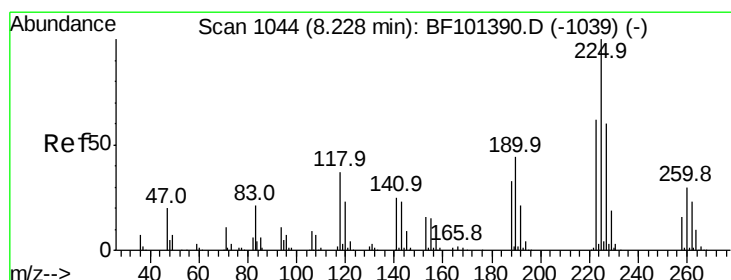
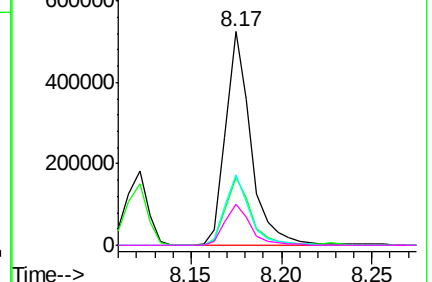
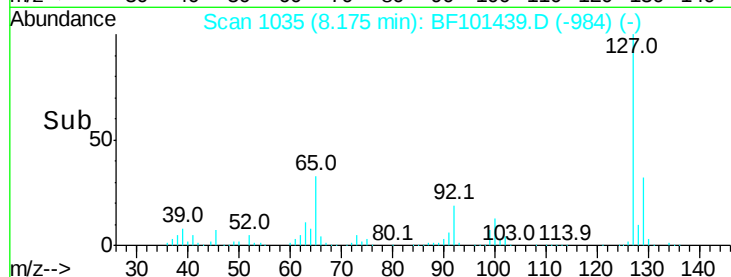


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.207 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

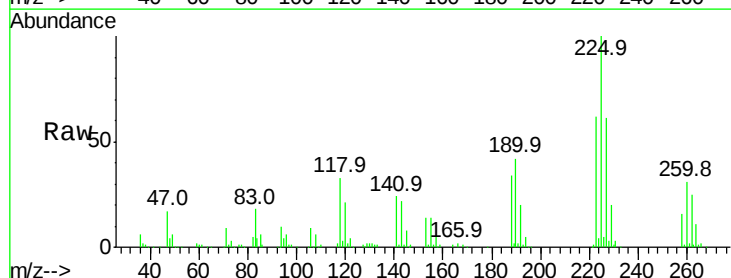
Tgt Ion:225 Resp: 209822

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

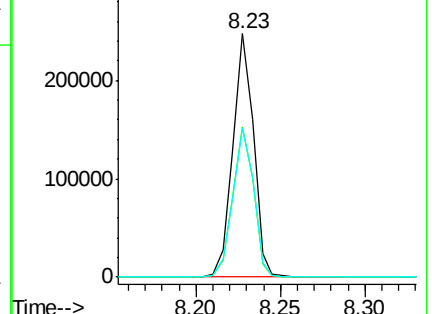
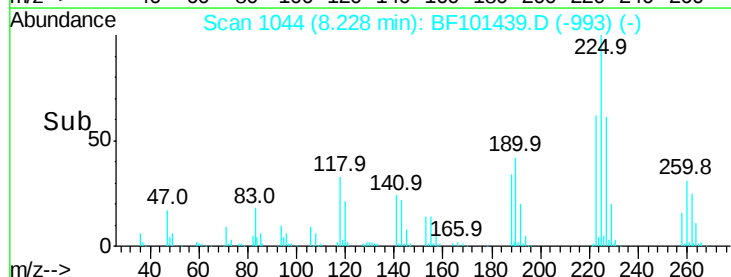
227 61.3 51.9 77.9

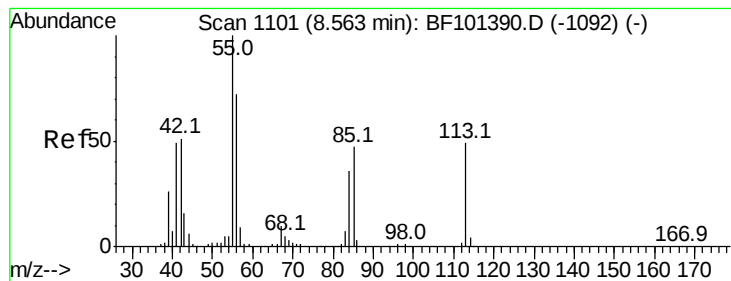


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.639 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampled :

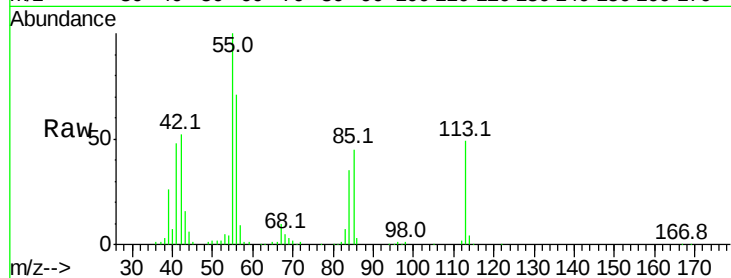
Tot Ion:113 Resp: 120720

Ion Ratio Lower Upper

113 100

55 203.6 163.3 203.3#

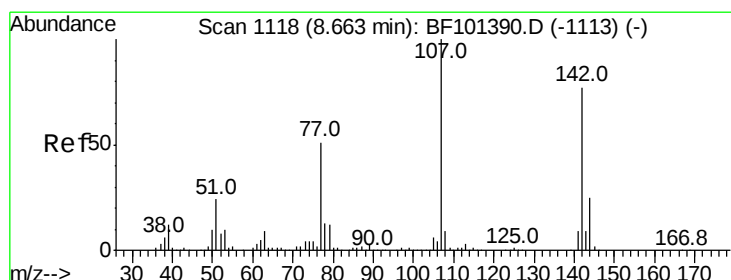
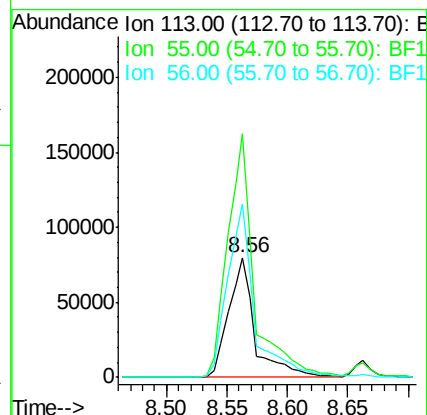
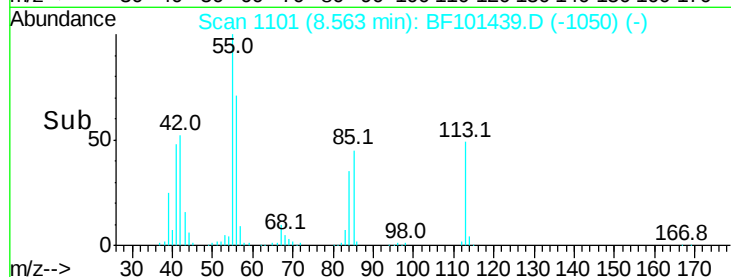
56 145.0 115.7 155.7



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: 37.282 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

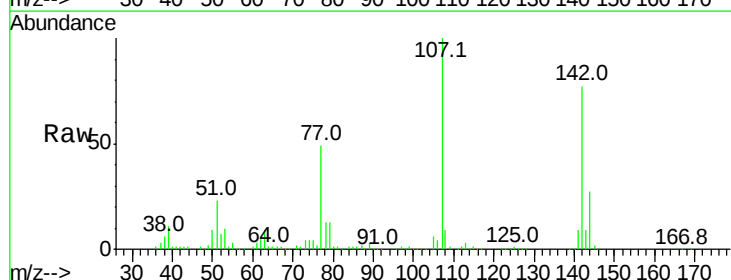
Tgt Ion:107 Resp: 368698

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

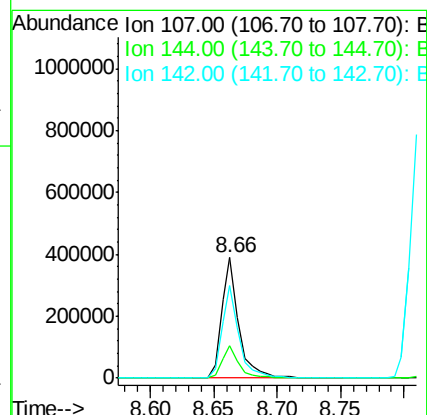
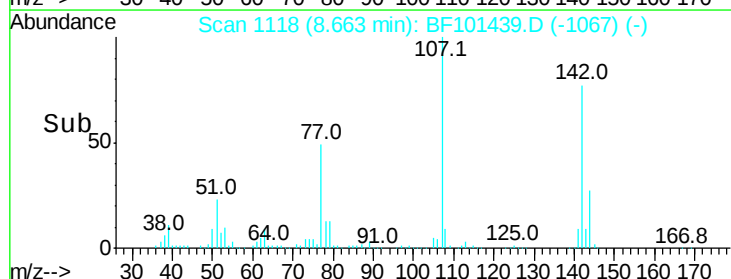
142 77.1 62.0 93.0

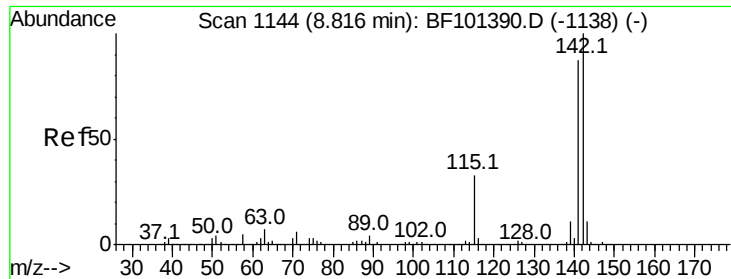


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

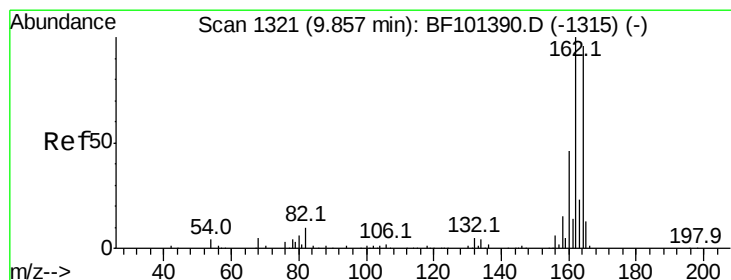
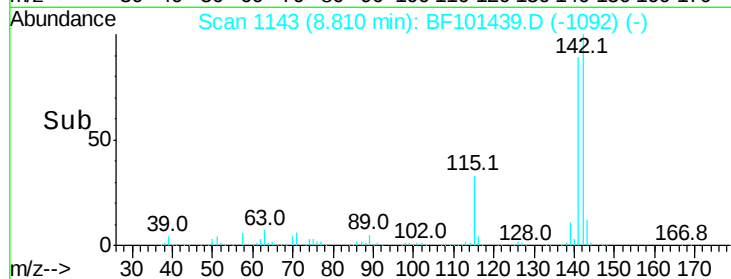
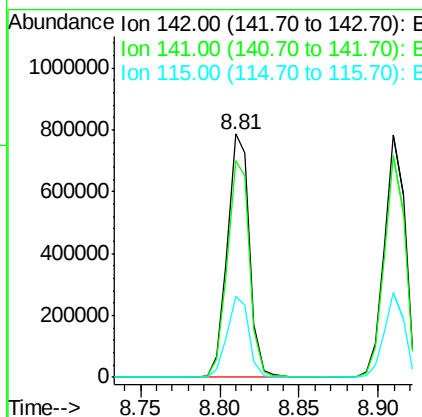
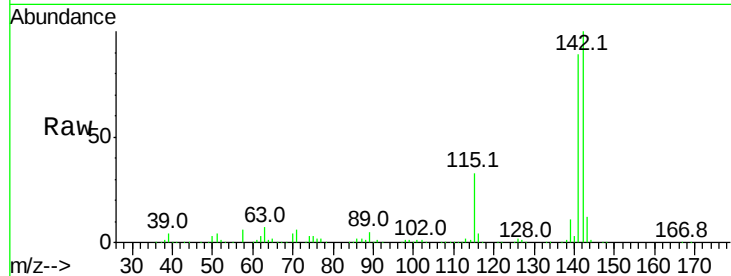




#37
 2-Methylnaphthalene
 Concen: 36.961 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

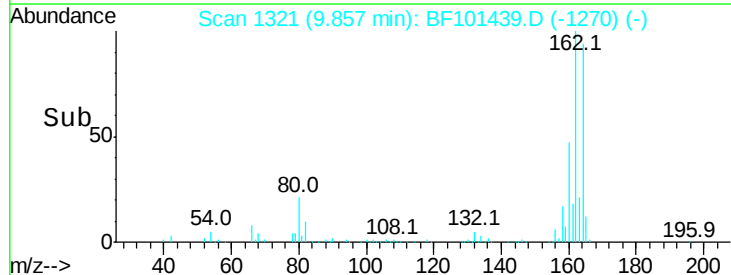
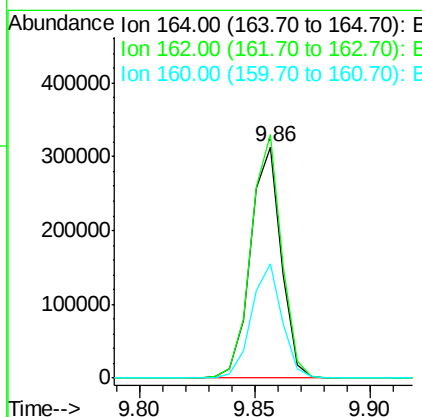
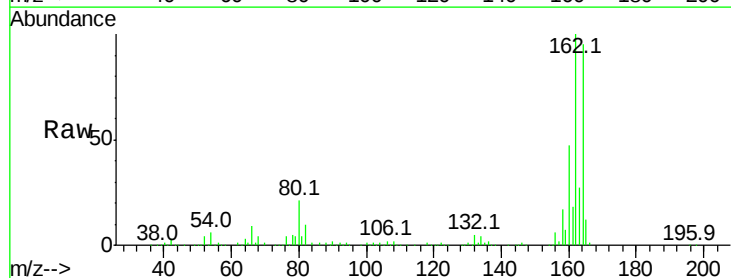
Instrument :
 BNA_F
 ClientSampleId :

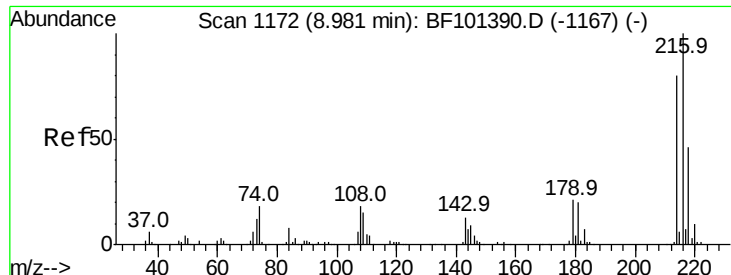
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	49.6	38.3	57.5

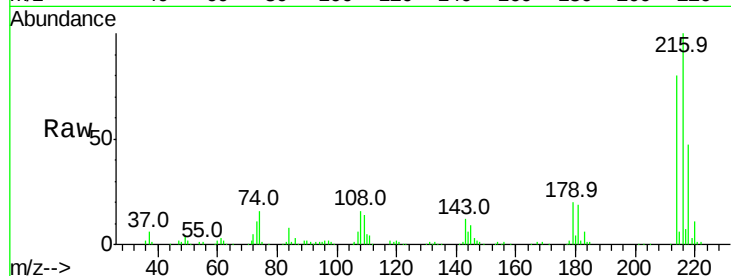




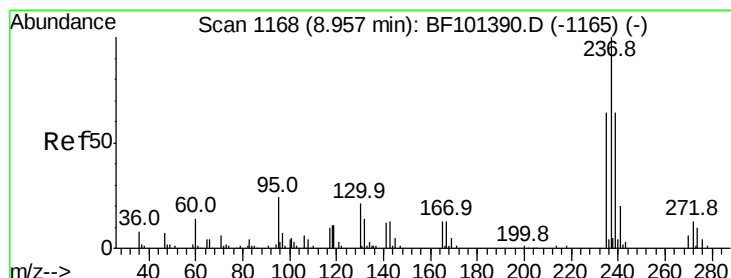
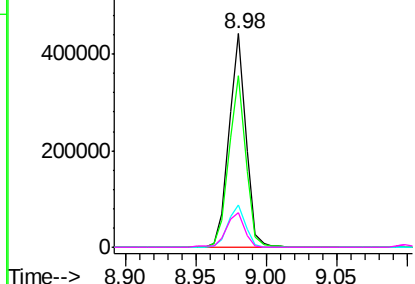
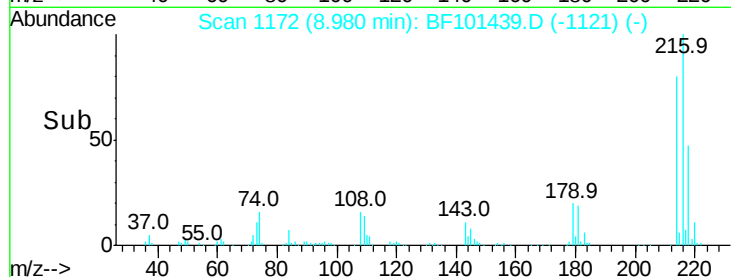
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.705 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	368587
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.5	18.1	27.1
108	17.9	17.2	25.8

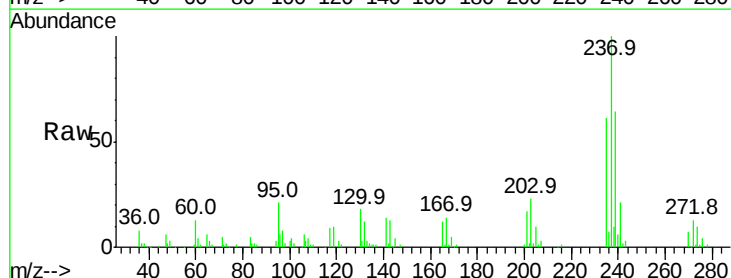


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

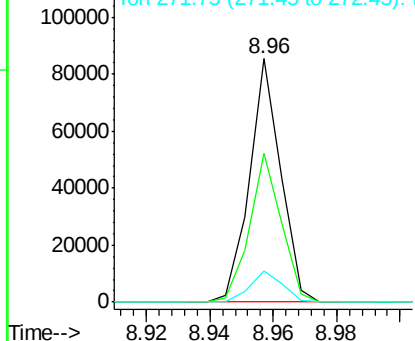
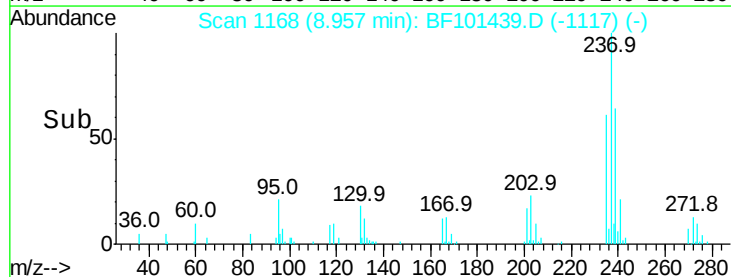


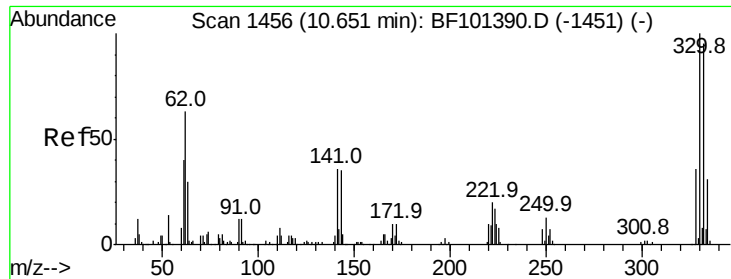
#40
 Hexachlorocyclopentadiene
 Concen: 42.227 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:	237	Resp:	58402
Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.8	84.8
272	12.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

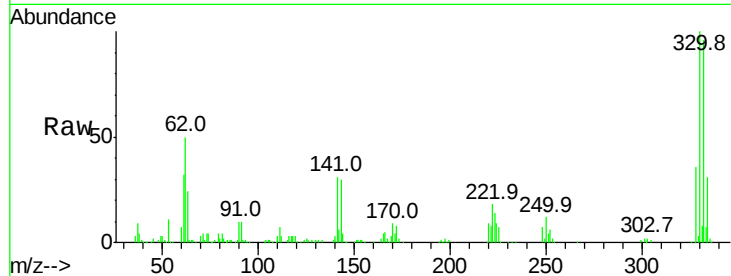




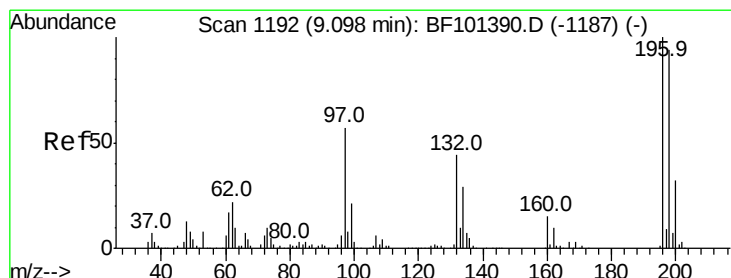
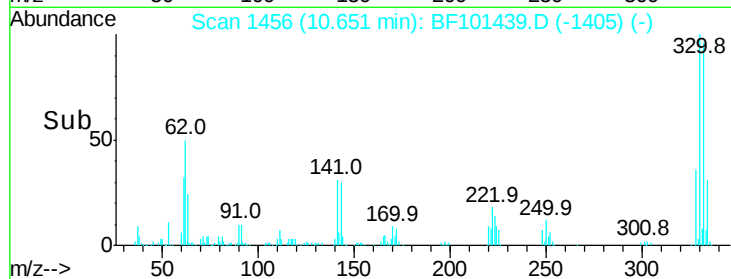
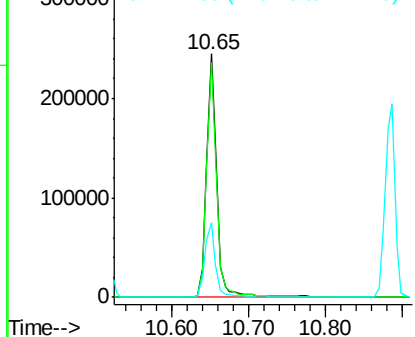
#41
 2,4,6-Tribromophenol
 Concen: 82.361 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 229782
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 31.6 29.9 44.9

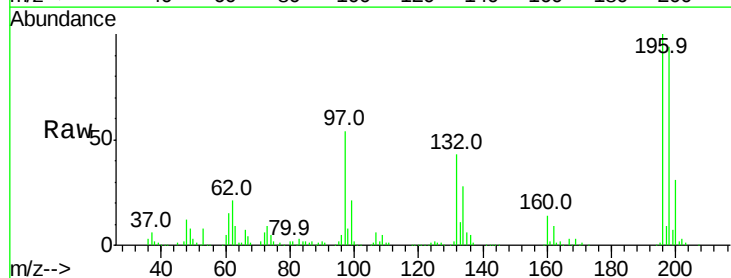


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

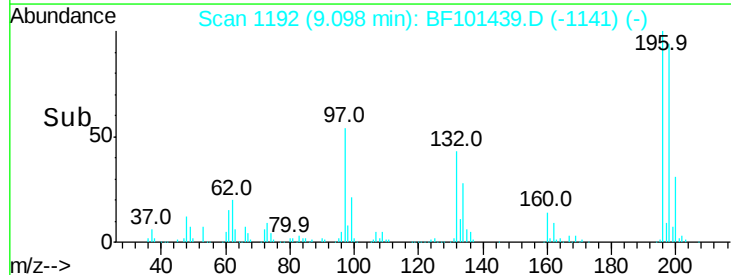
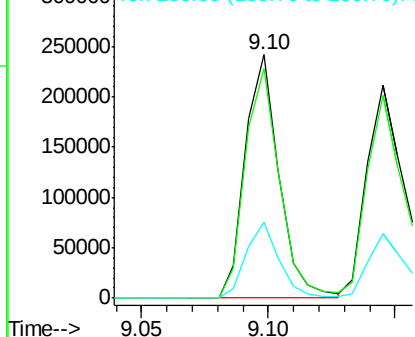


#42
 2,4,6-Trichlorophenol
 Concen: 38.315 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:196 Resp: 225492
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 31.3 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

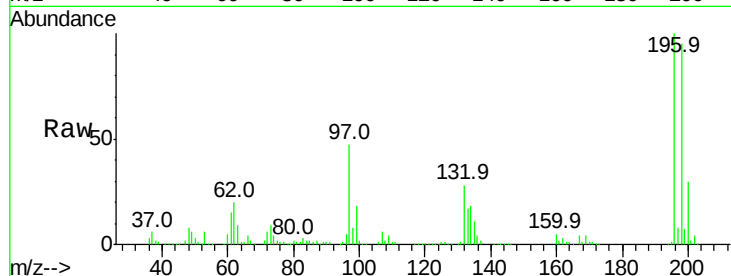




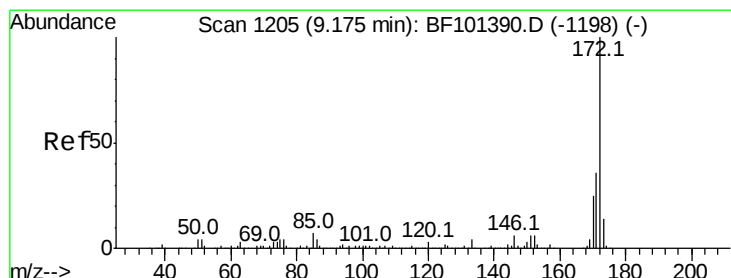
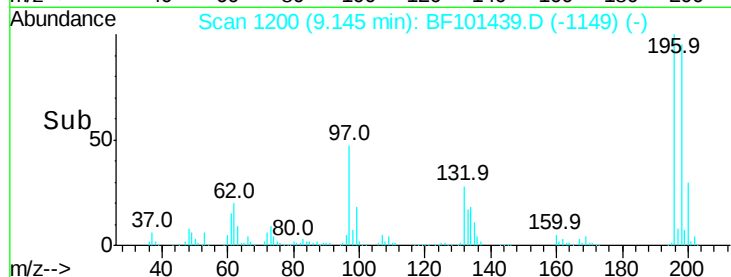
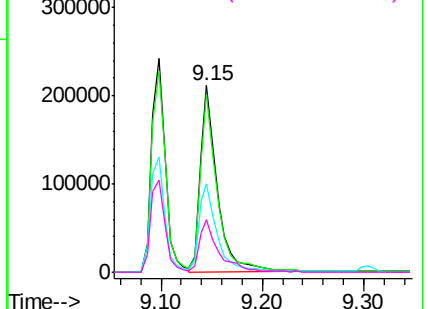
#43
 2,4,5-Trichlorophenol
 Concen: 38.644 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	249019
Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.6	112.0
97	47.2	42.9	64.3
132	28.3	26.3	39.5

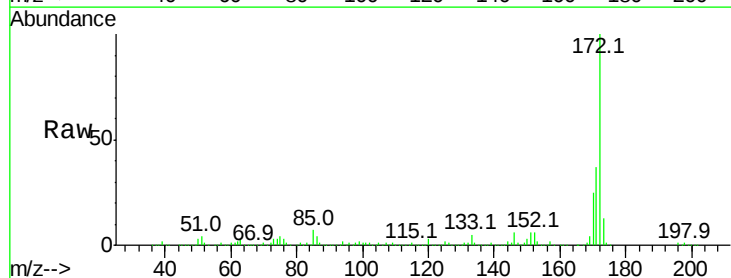


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

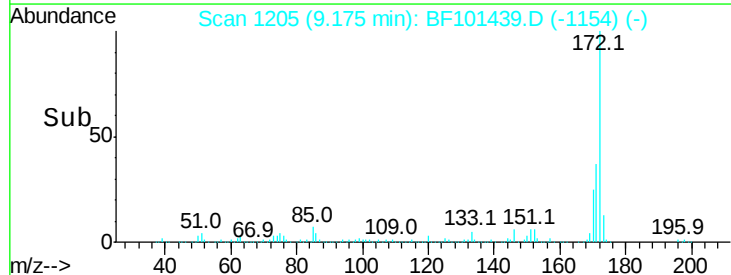
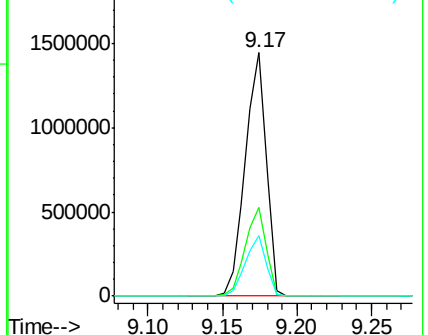


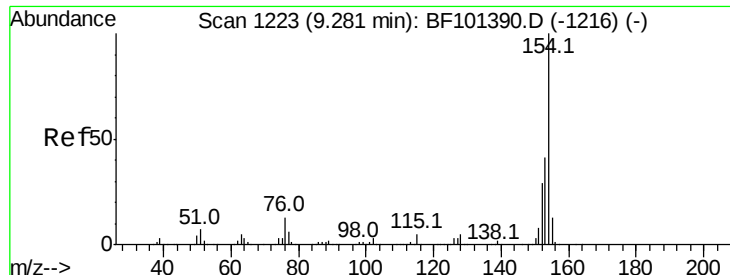
#44
 2-Fluorobiphenyl
 Concen: 75.776 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:	172	Resp:	1414362
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 36.893 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

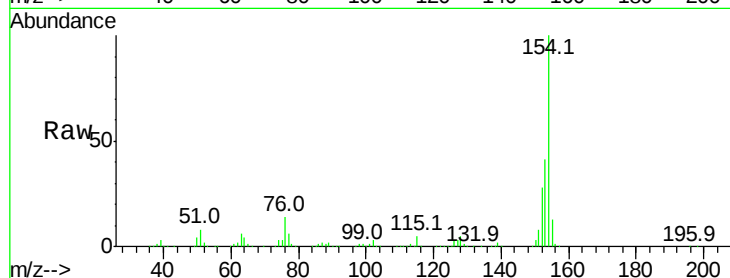
Tot Ion:154 Resp: 947331

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

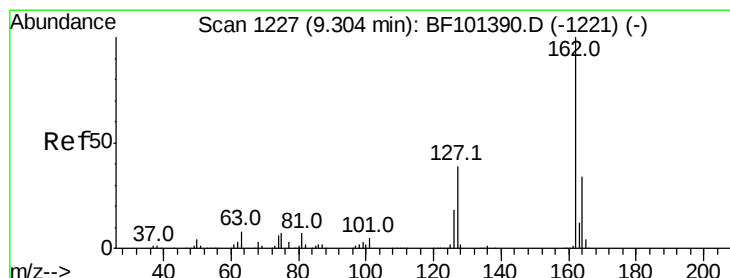
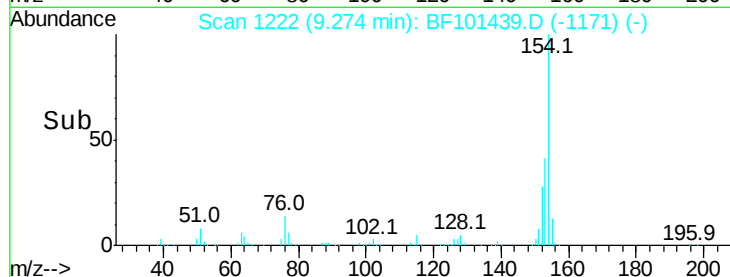
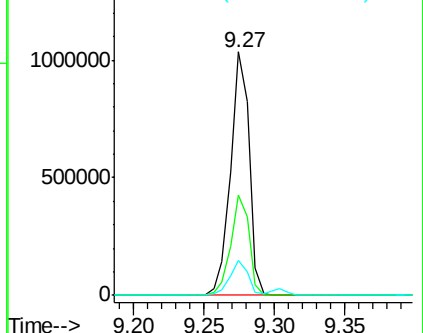
76 14.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 36.590 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

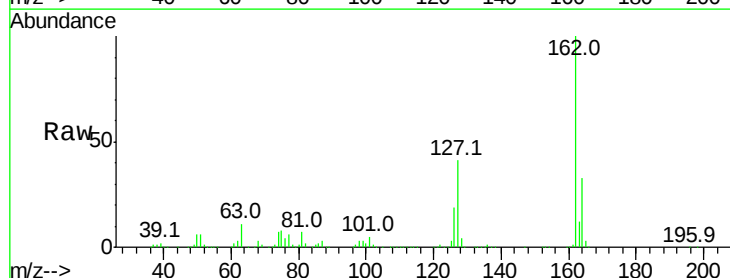
Tgt Ion:162 Resp: 718906

Ion Ratio Lower Upper

162 100

127 40.6 33.9 50.9

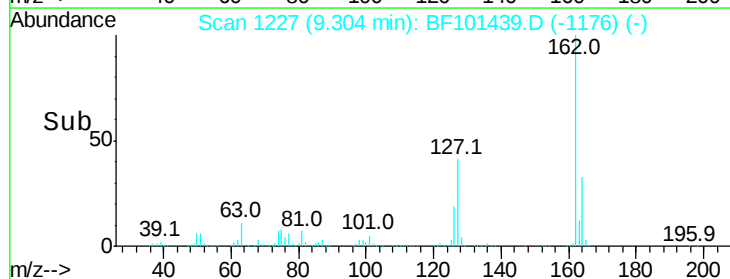
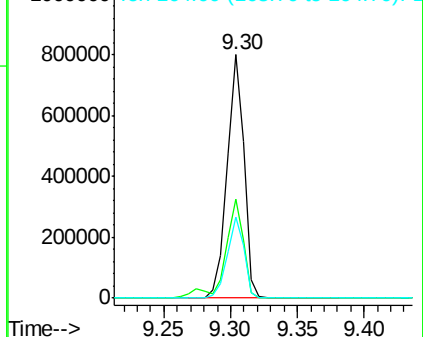
164 33.3 26.5 39.7

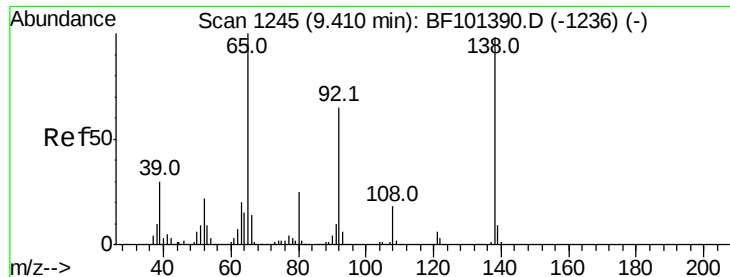


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.424 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

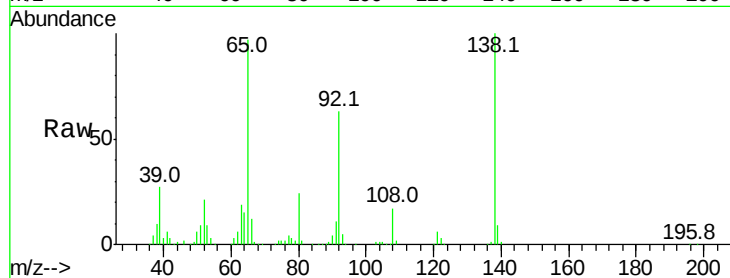
Tot Ion: 65 Resp: 267582

Ion Ratio Lower Upper

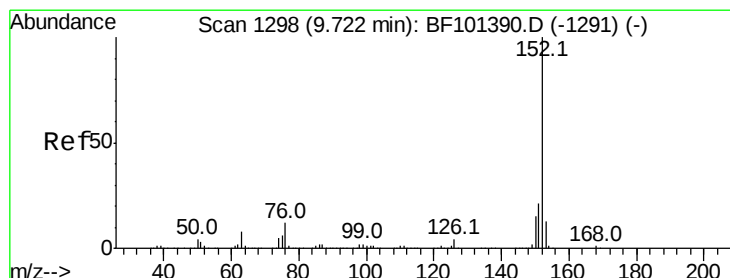
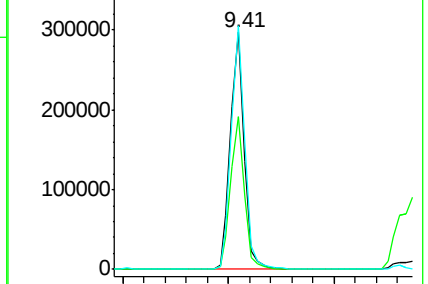
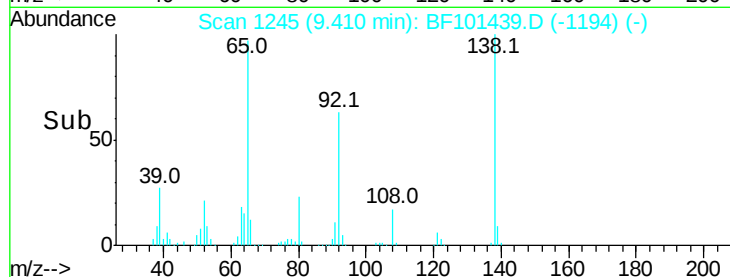
65 100

92 64.5 55.8 83.6

138 102.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.220 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

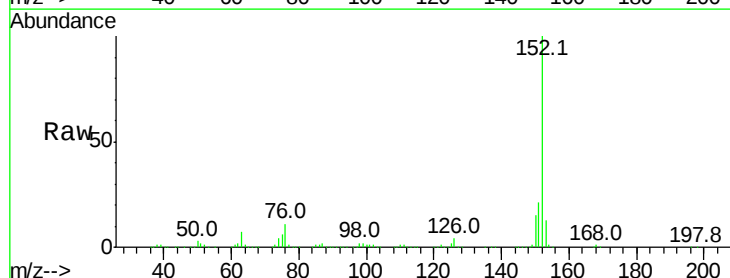
Tgt Ion: 152 Resp: 1124000

Ion Ratio Lower Upper

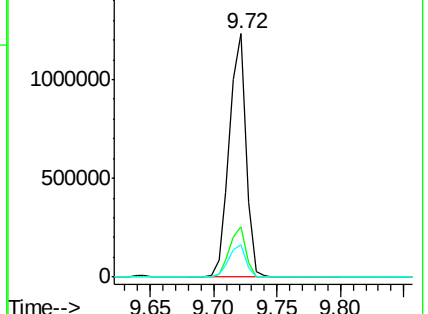
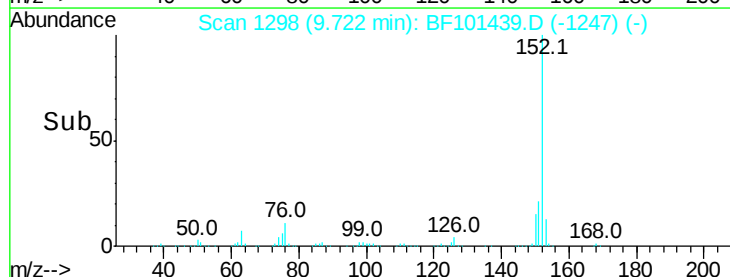
152 100

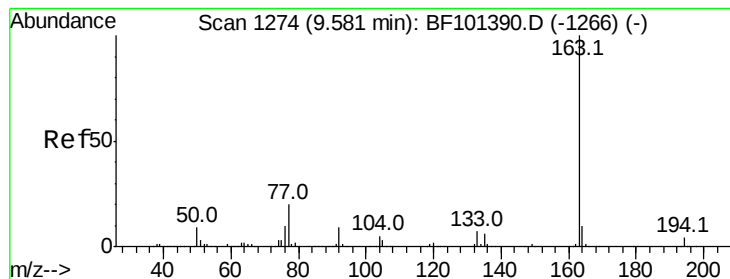
151 20.9 16.3 24.5

153 13.3 10.7 16.1



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





#49

Dimethylphthalate

Concen: 36.657 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampled :

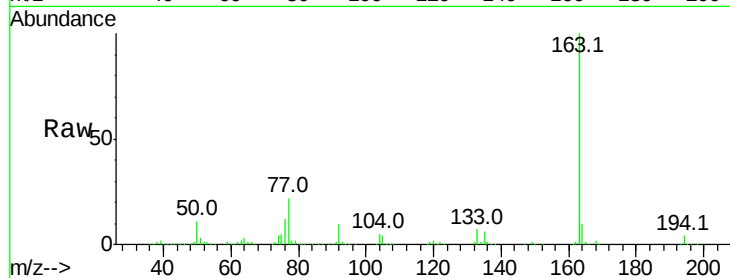
Tot Ion:163 Resp: 853715

Ion Ratio Lower Upper

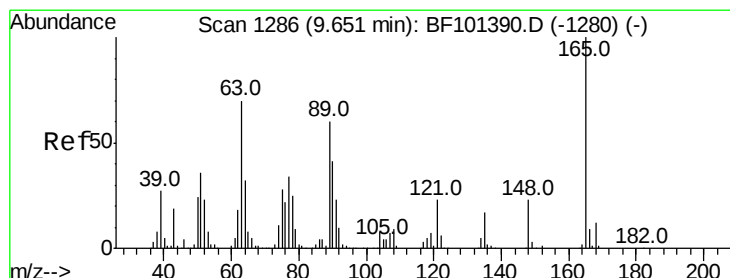
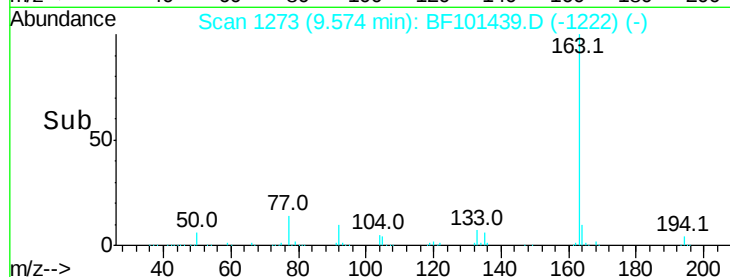
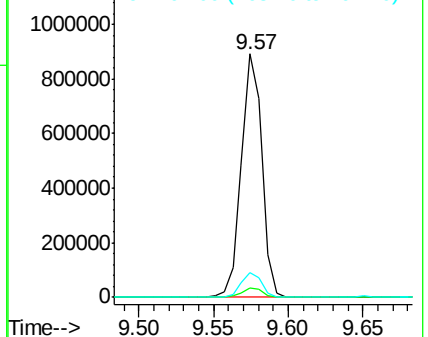
163 100

194 3.8 2.7 4.1

164 10.2 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: 39.030 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

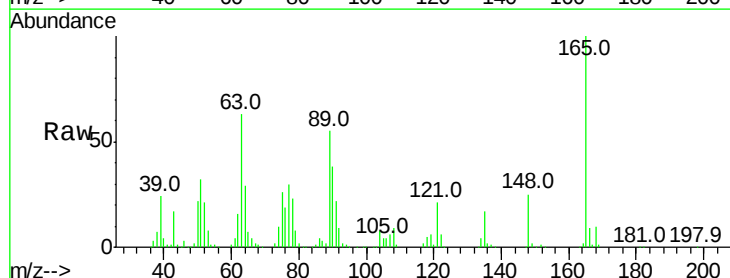
Tgt Ion:165 Resp: 184744

Ion Ratio Lower Upper

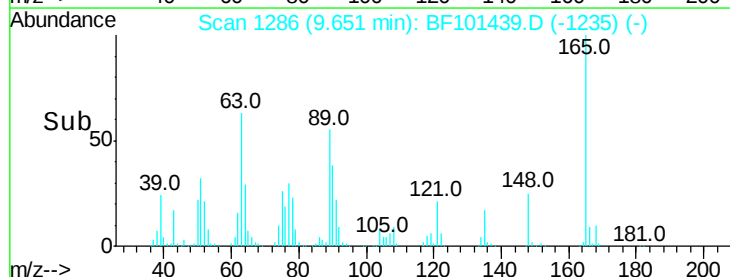
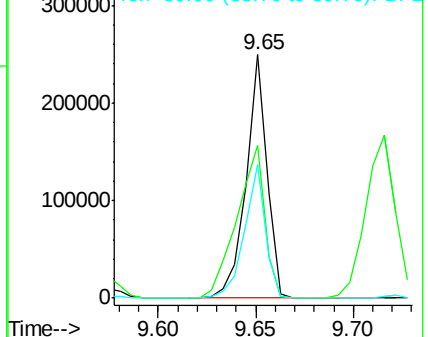
165 100

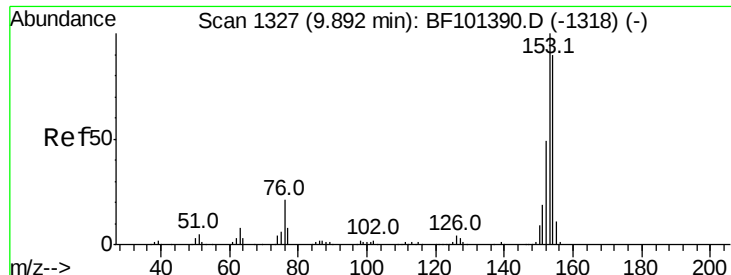
63 62.9 44.7 67.1

89 55.0 44.0 66.0



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





#51

Acenaphthene

Concen: 36.822 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

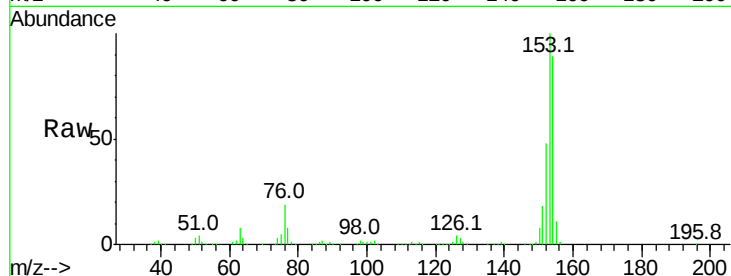
Tot Ion:154 Resp: 686516

Ion Ratio Lower Upper

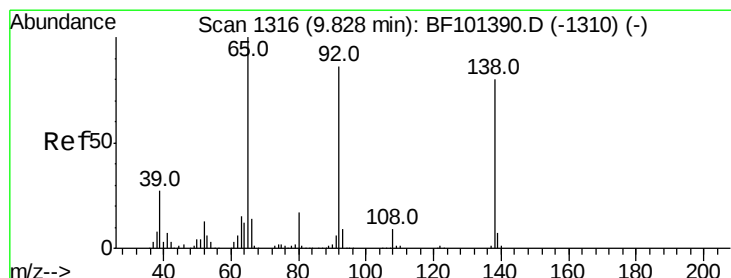
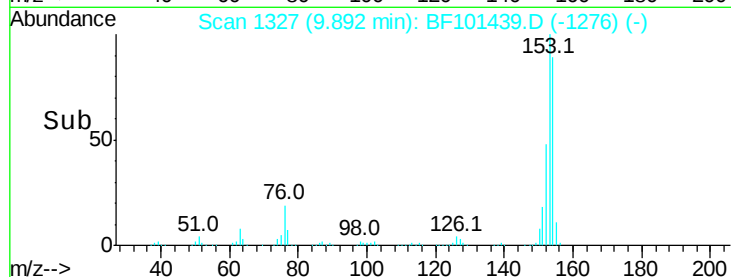
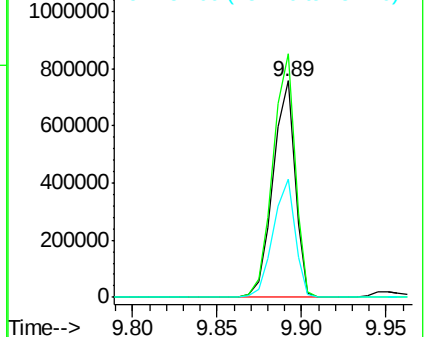
154 100

153 112.4 91.2 136.8

152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.878 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

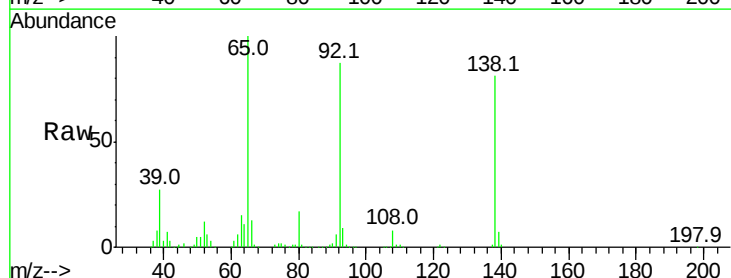
Tgt Ion:138 Resp: 235337

Ion Ratio Lower Upper

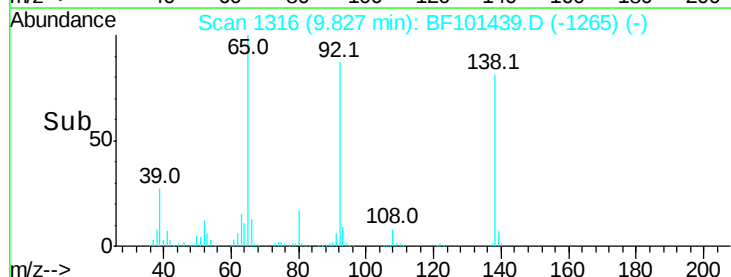
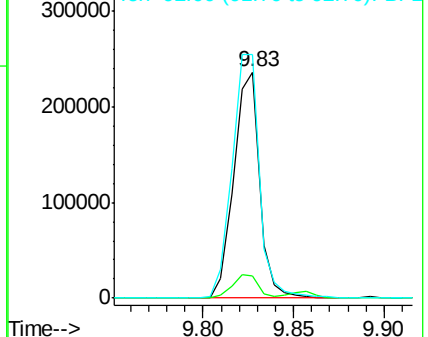
138 100

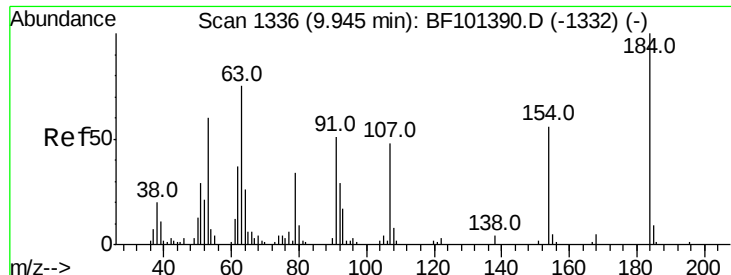
108 9.9 9.4 14.0

92 107.7 89.4 134.2



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

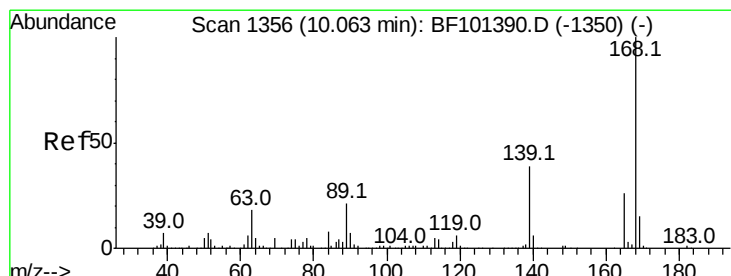
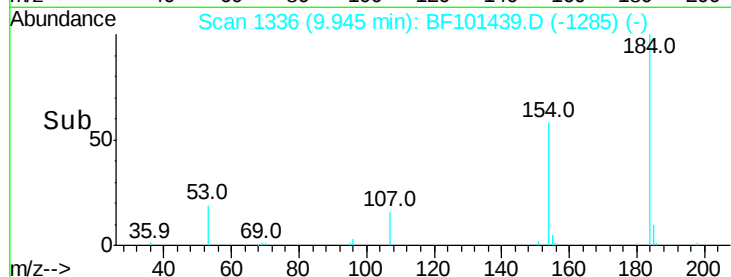
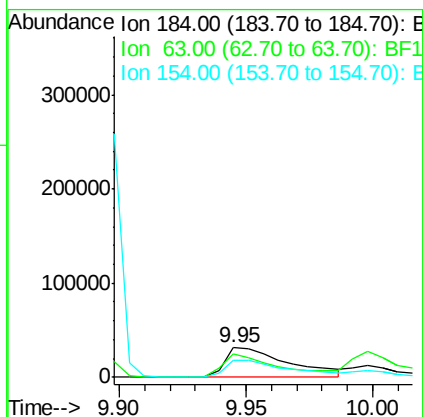
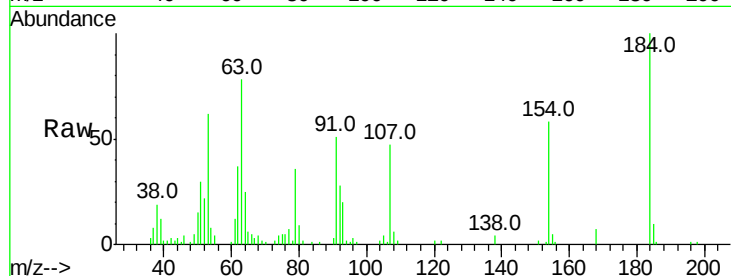




#53
 2,4-Dinitrophenol
 Concen: 39.334 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

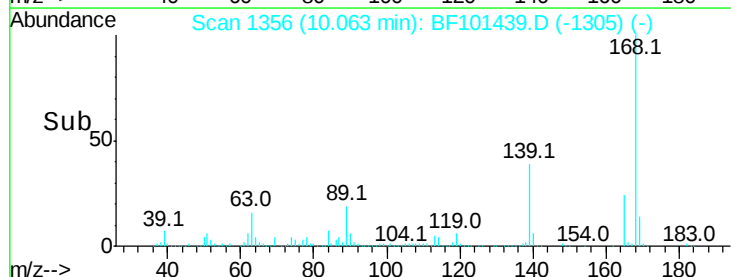
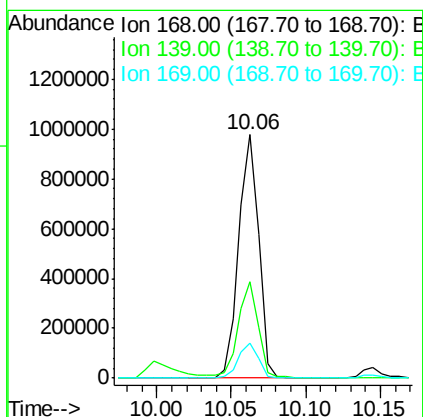
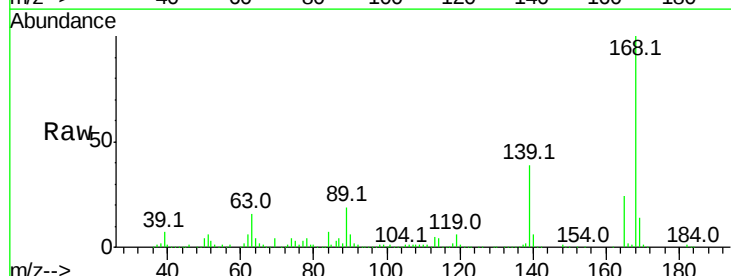
Instrument :
 BNA_F
 ClientSampleId :

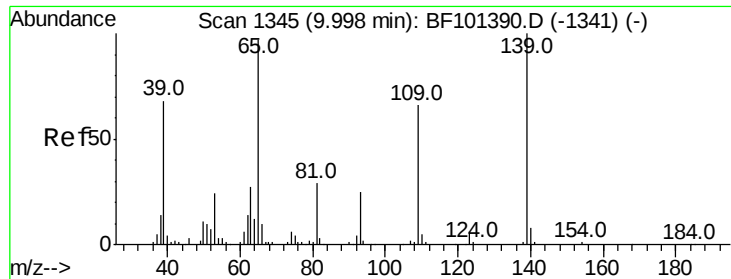
Tot Ion:184 Resp: 54916
 Ion Ratio Lower Upper
 184 100
 63 78.3 54.2 81.2
 154 57.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.516 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:168 Resp: 912602
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 14.3 10.9 16.3





#55

4-Nitrophenol

Concen: 37.135 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

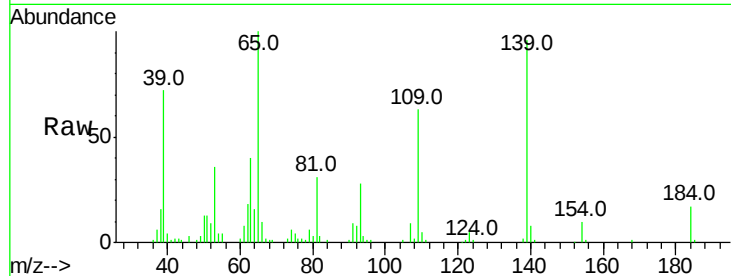
Tot Ion:139 Resp: 95558

Ion Ratio Lower Upper

139 100

109 65.8 48.4 88.4

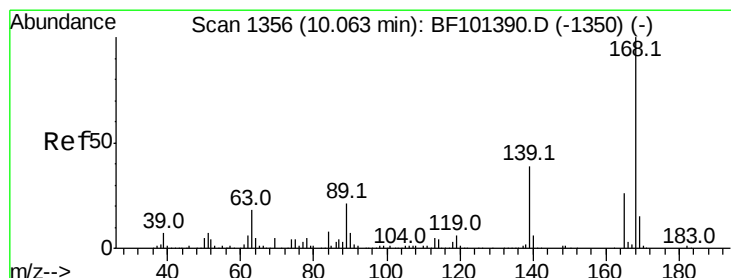
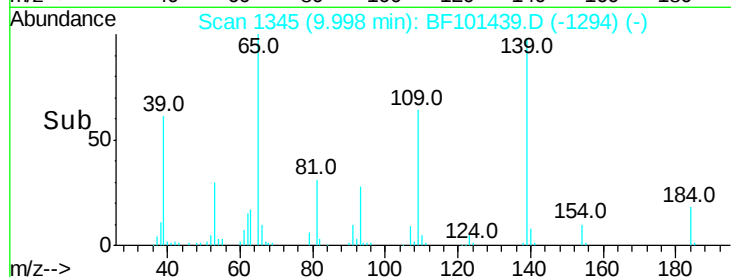
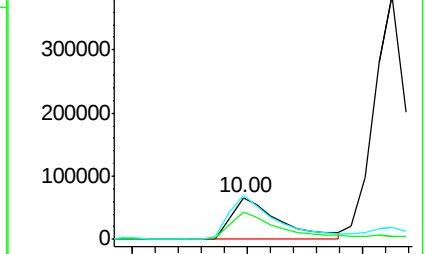
65 104.5 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 40.513 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Tgt Ion:165 Resp: 216057

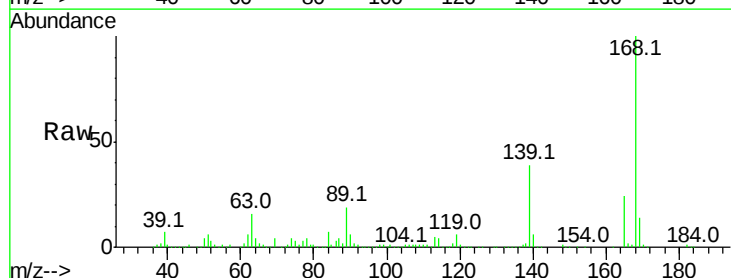
Ion Ratio Lower Upper

165 100

63 68.0 36.4 54.6#

89 81.2 57.8 86.6

182 2.6 1.6 2.4#

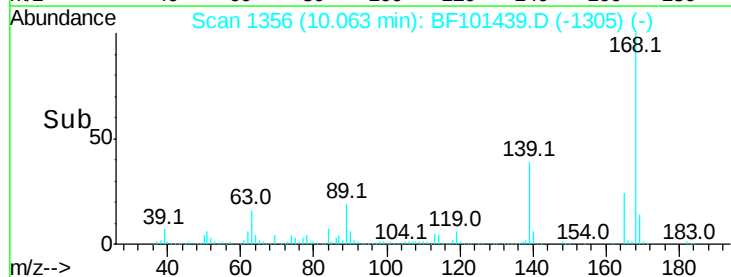
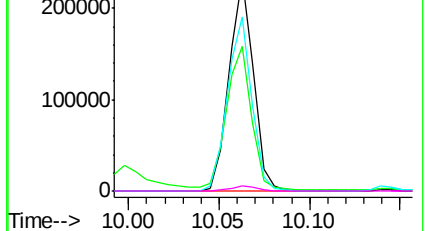


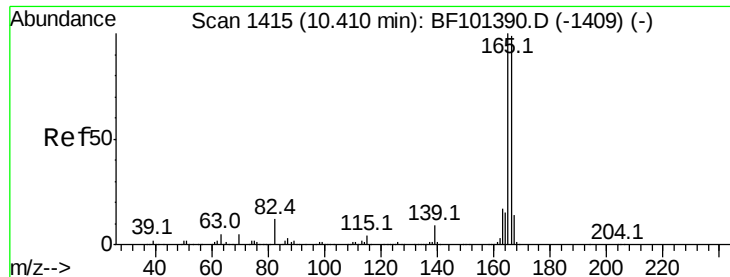
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.993 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

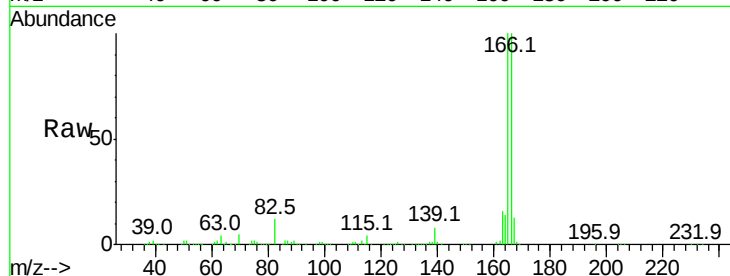
Tot Ion:166 Resp: 781559

Ion Ratio Lower Upper

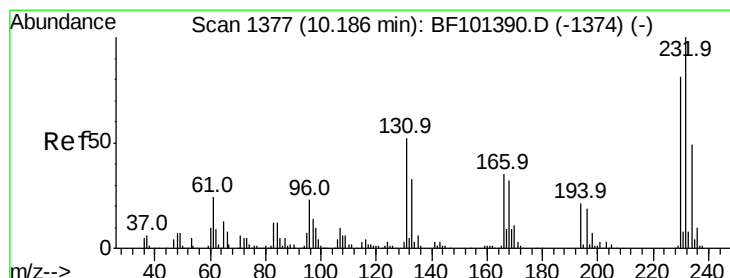
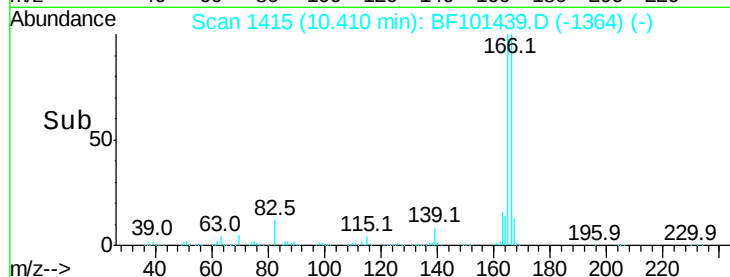
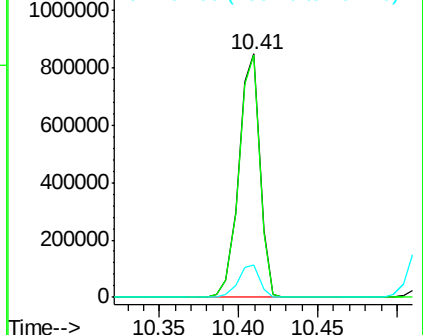
166 100

165 99.6 79.8 119.8

167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.192 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Tgt Ion:232 Resp: 186077

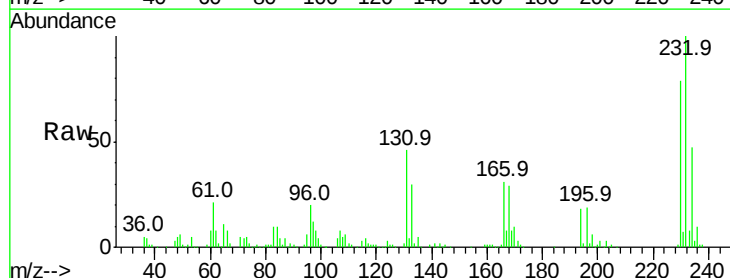
Ion Ratio Lower Upper

232 100

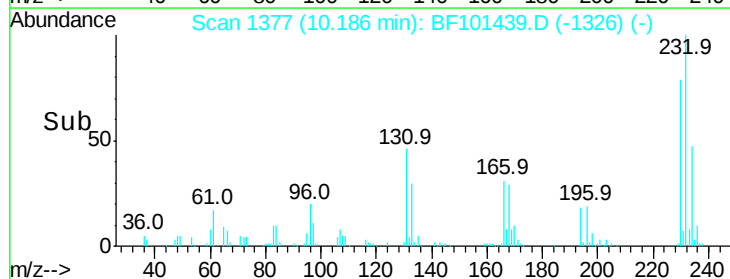
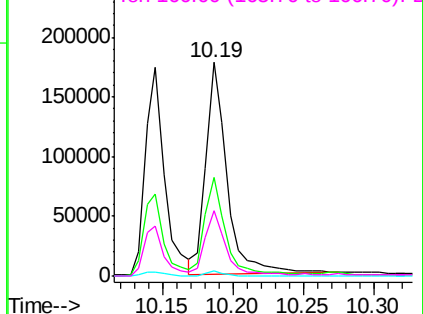
131 44.1 43.8 65.8

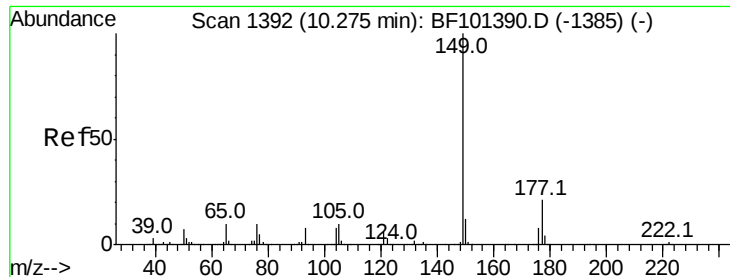
130 2.1 2.1 3.1

166 29.7 27.8 41.6



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

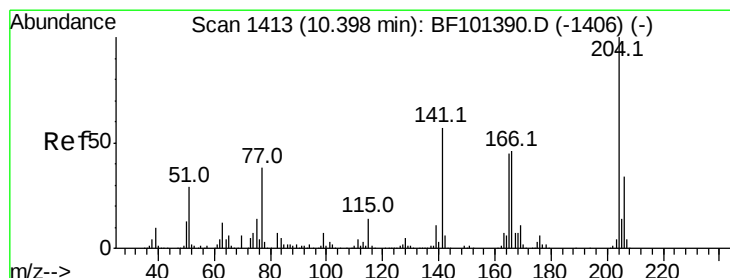
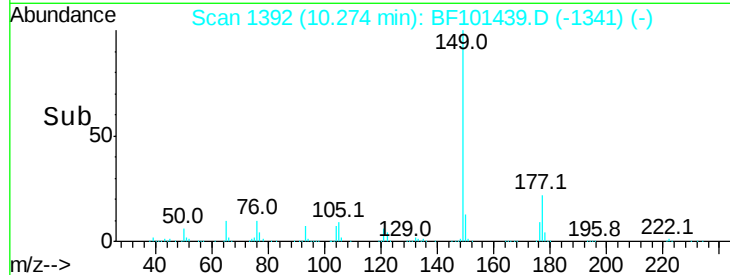
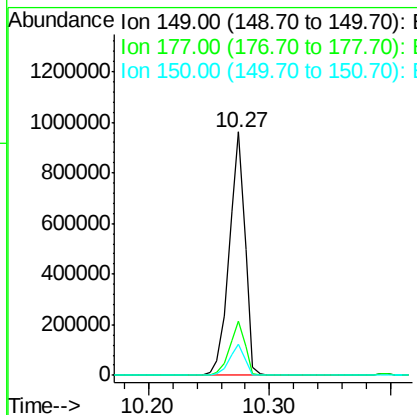
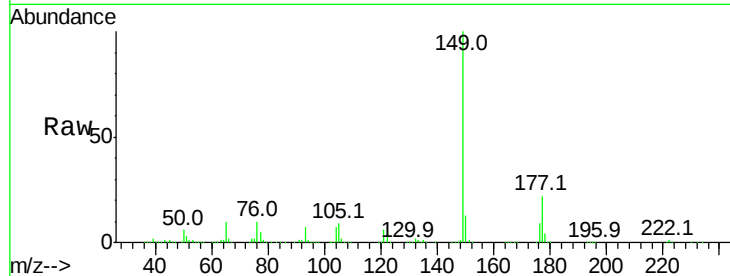




#59
 Diethylphthalate
 Concen: 37.476 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

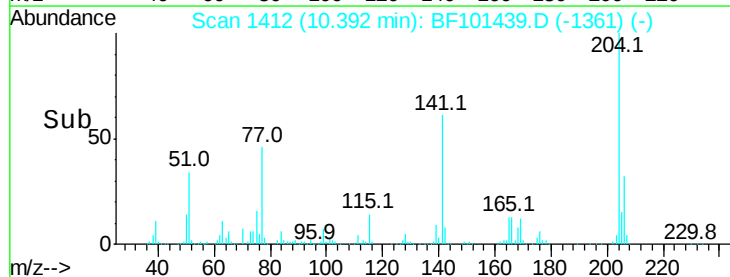
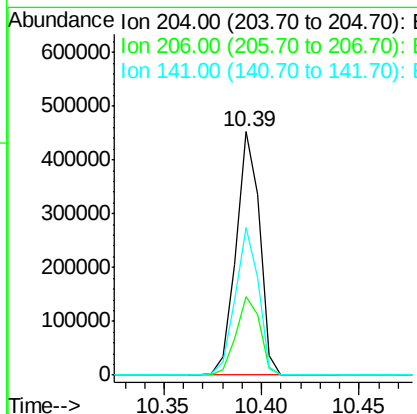
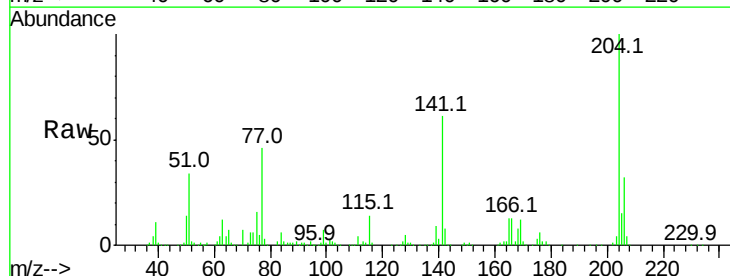
Instrument :
 BNA_F
 ClientSampleId :

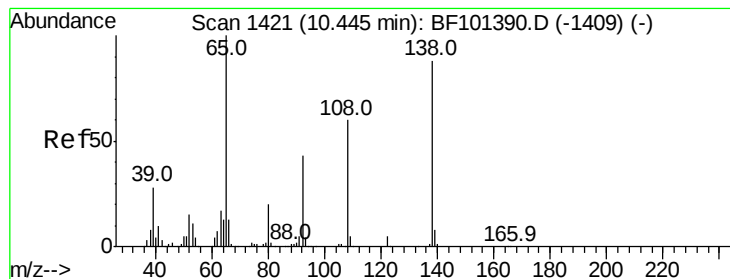
Tot Ion:	149	Resp:	864315
Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.7	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 39.478 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:	204	Resp:	379230
Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	60.8	54.6	81.8





#61

4-Nitroaniline

Concen: 36.910 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

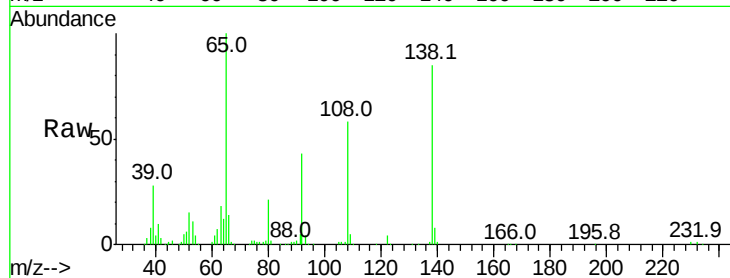
Tot Ion:138 Resp: 218945

Ion Ratio Lower Upper

138 100

92 50.5 30.2 70.2

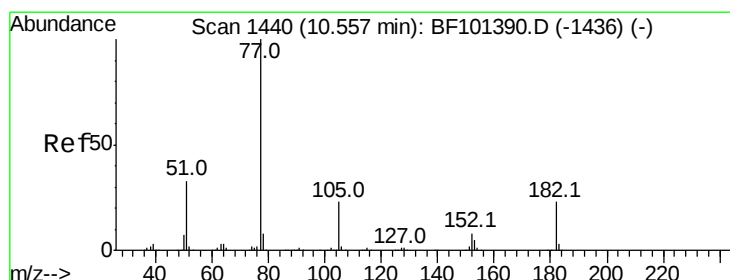
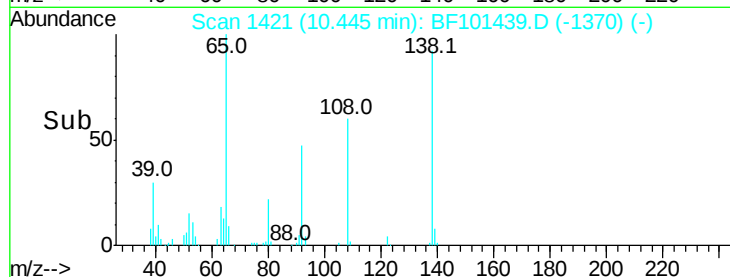
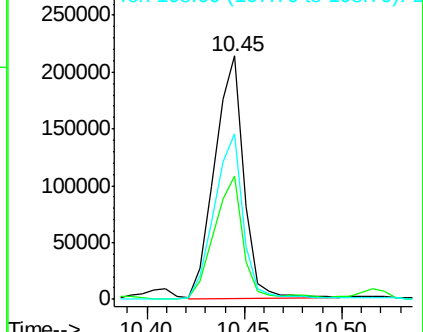
108 68.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.940 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Tgt Ion: 77 Resp: 858654

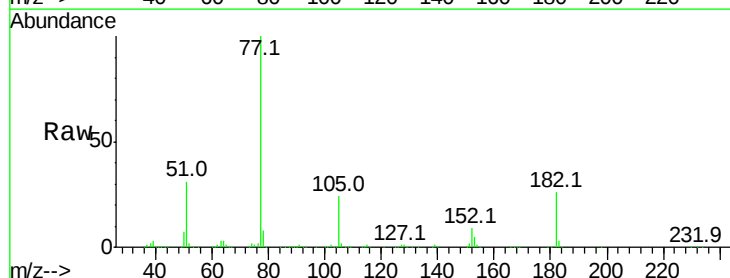
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 23.8 3.0 43.0

51 31.3 9.9 49.9

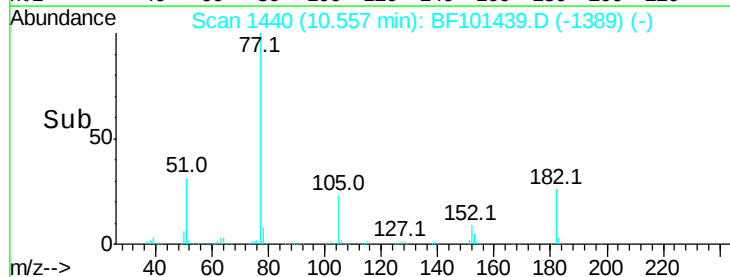
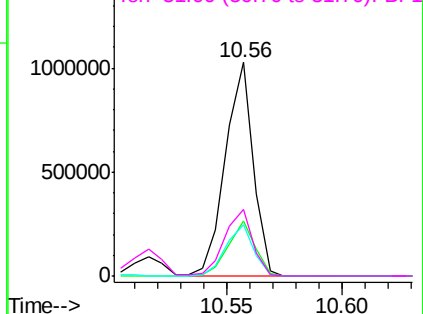


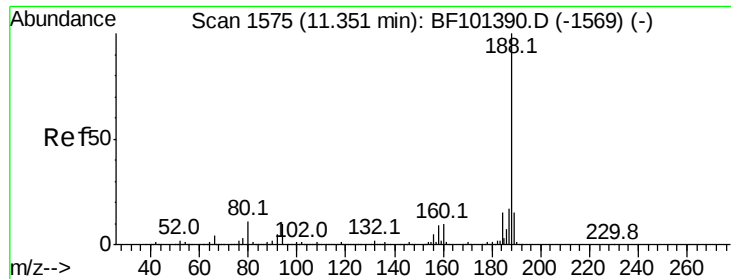
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

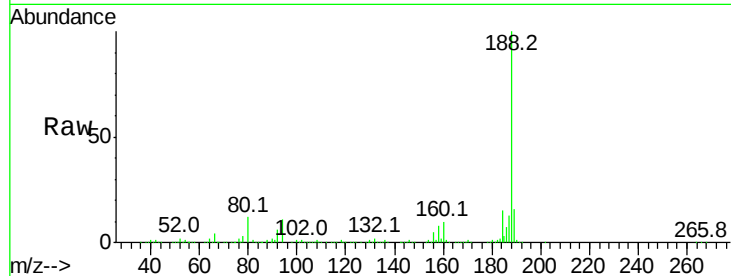
Tot Ion:188 Resp: 553151

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

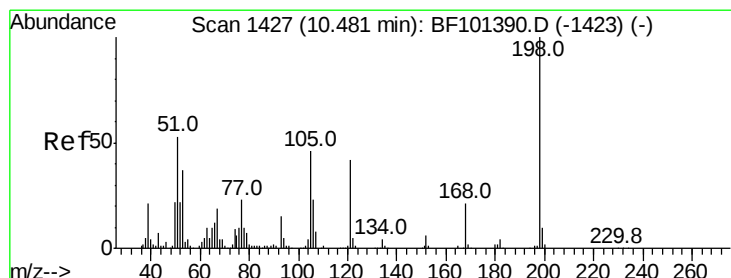
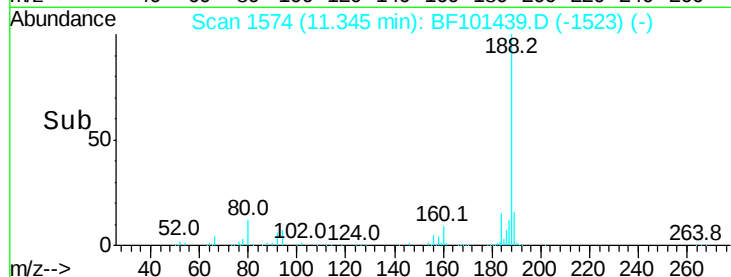
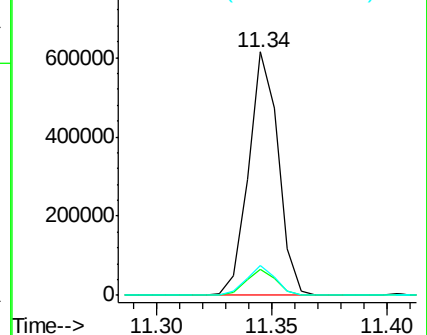
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 45.901 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

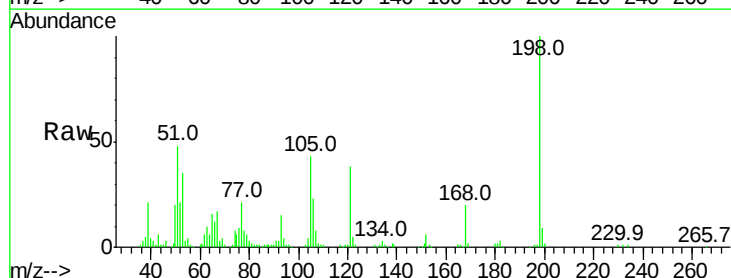
Tgt Ion:198 Resp: 129567

Ion Ratio Lower Upper

198 100

51 48.5 37.7 77.7

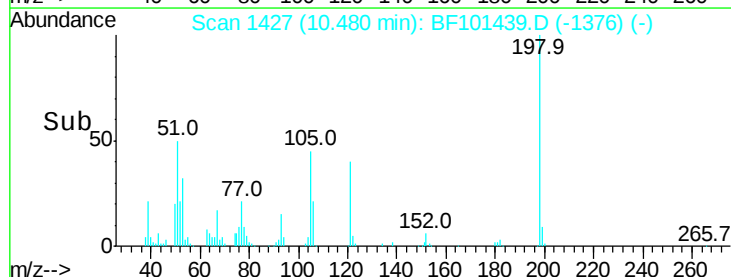
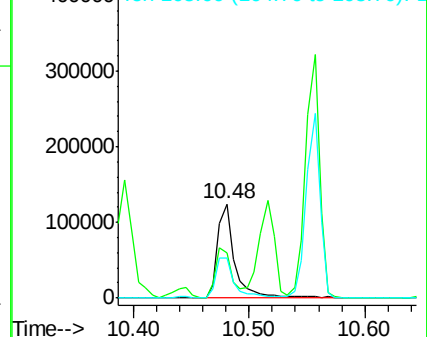
105 42.7 36.3 76.3

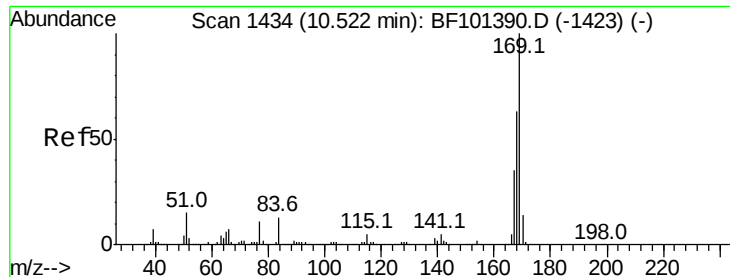


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

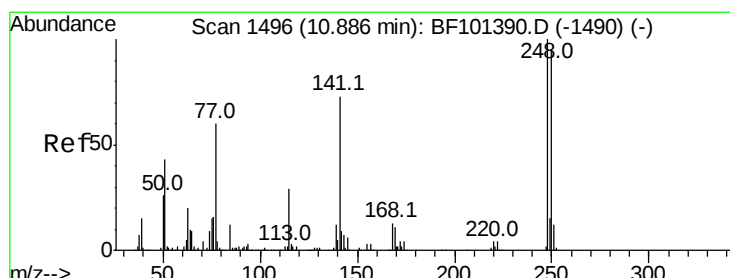
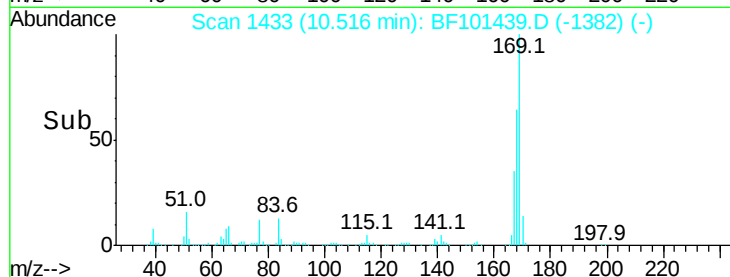
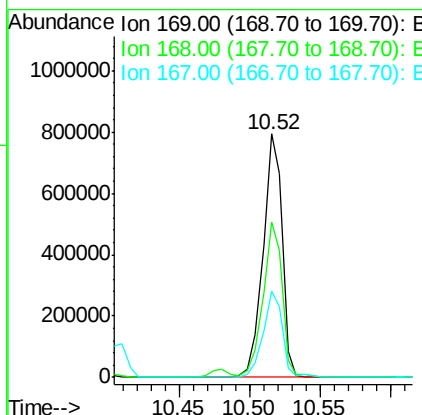
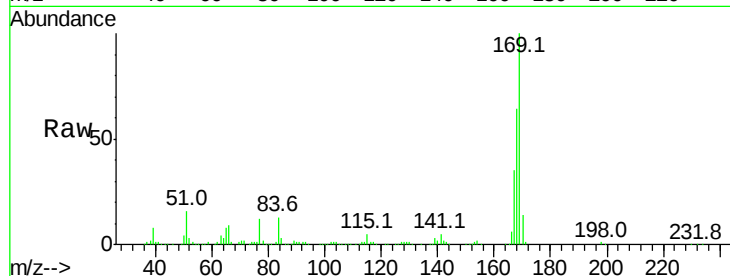




#65
n-Nitrosodiphenylamine
Concen: 37.416 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

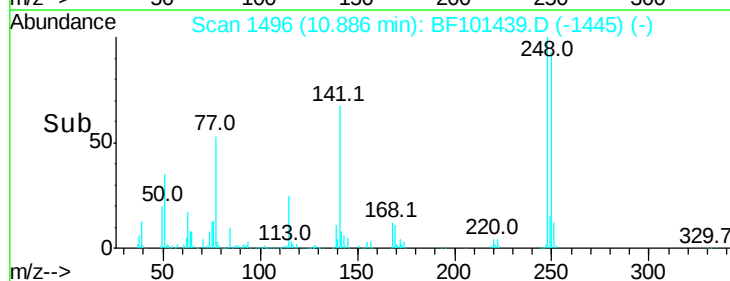
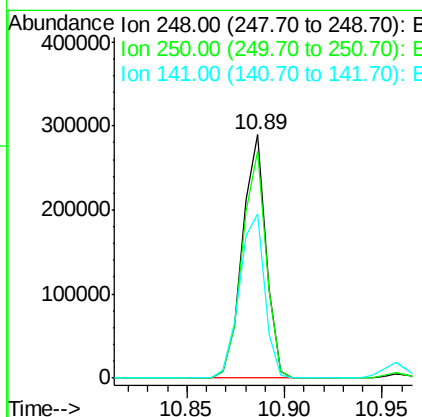
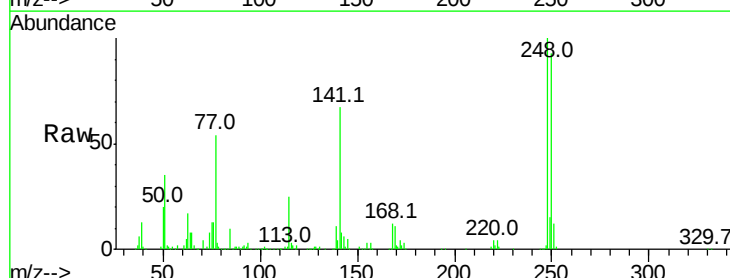
Instrument :
BNA_F
ClientSampleId :

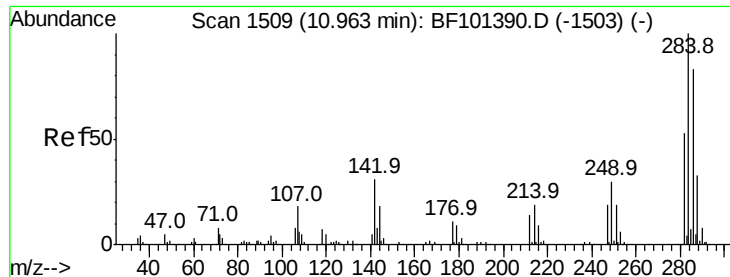
Tot Ion:169 Resp: 764222
Ion Ratio Lower Upper
169 100
168 63.9 54.4 81.6
167 35.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 39.148 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:248 Resp: 243320
Ion Ratio Lower Upper
248 100
250 93.5 76.9 115.3
141 67.5 74.4 111.6#

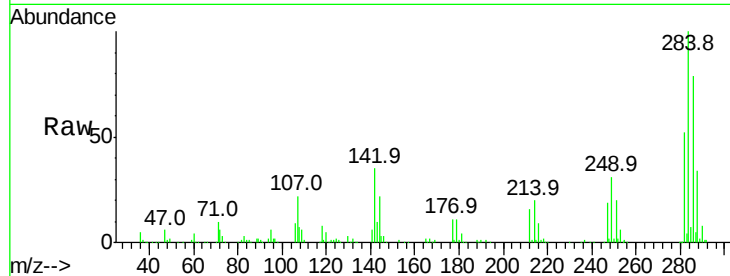




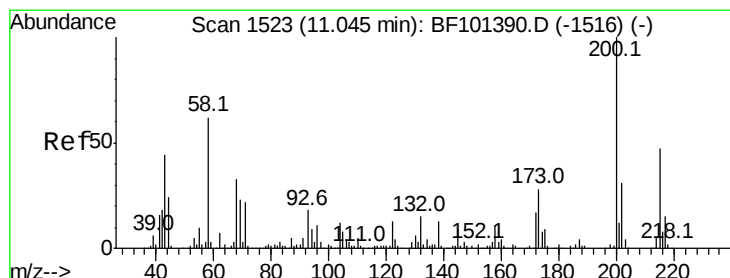
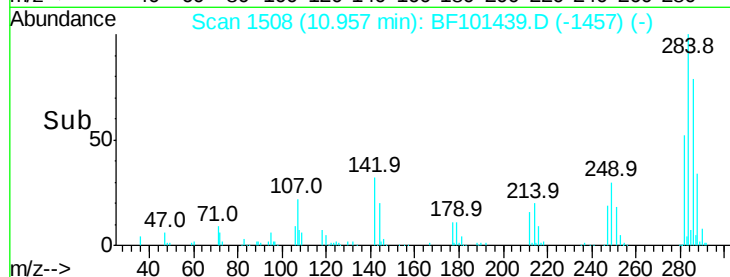
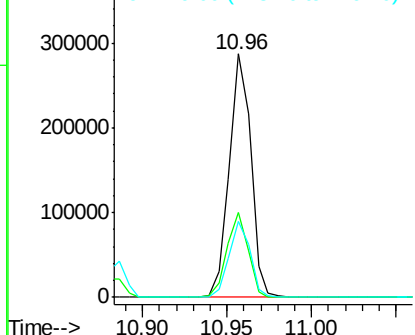
#67
Hexachlorobenzene
Concen: 38.680 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	34.6	52.0
249	31.3	24.8	37.2

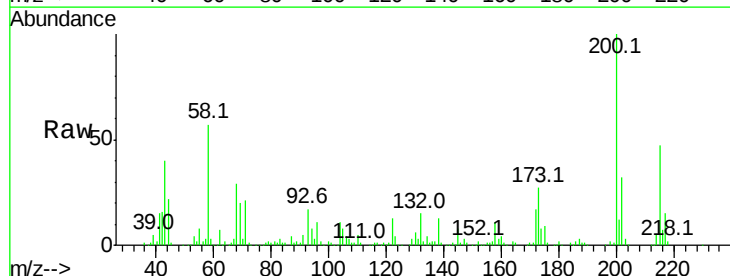


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

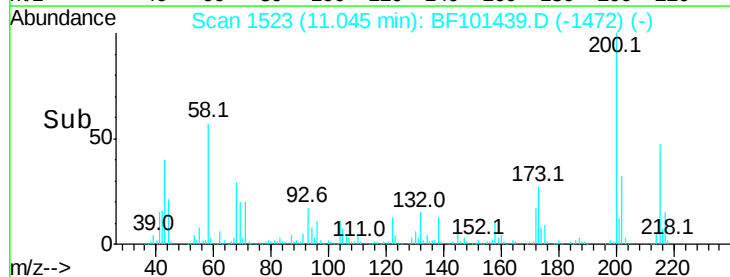
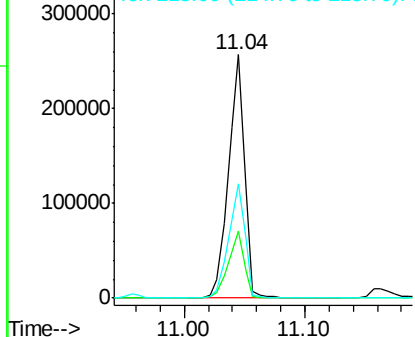


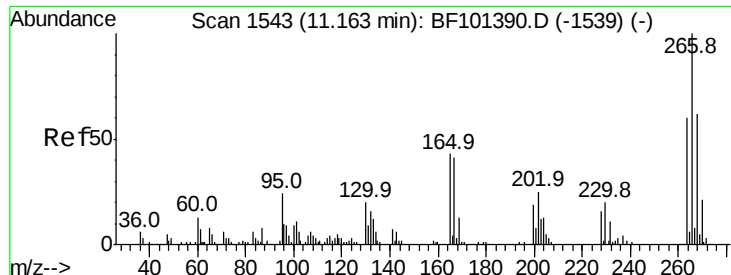
#68
Atrazine
Concen: 38.902 ng
RT: 11.04 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	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

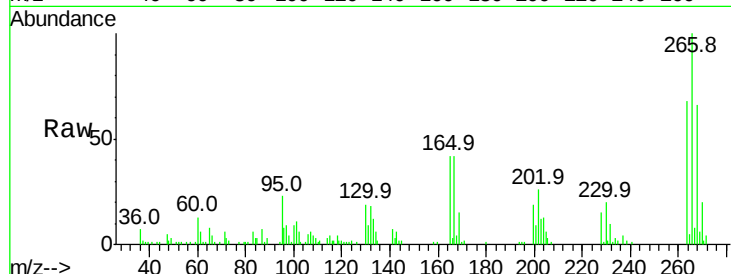




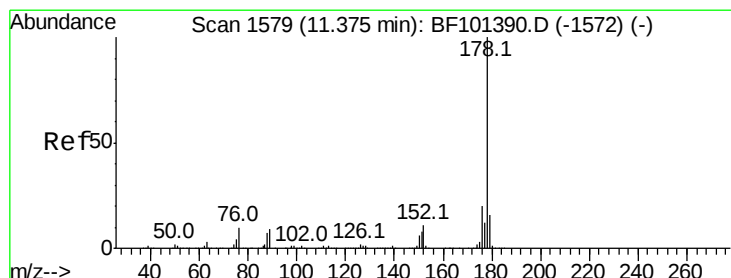
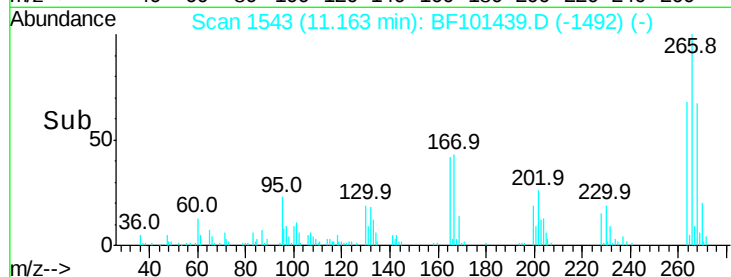
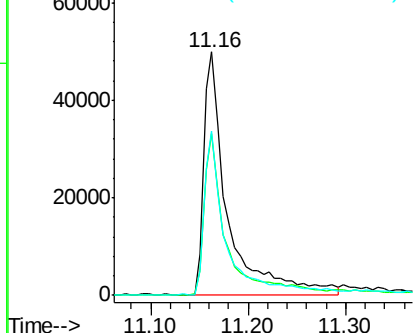
#69
 Pentachlorophenol
 Concen: 37.307 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85685
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 67.7 49.5 74.3

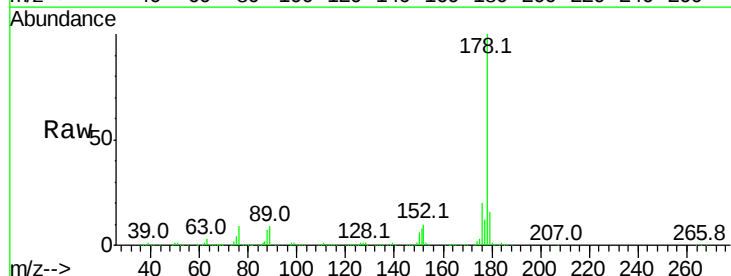


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

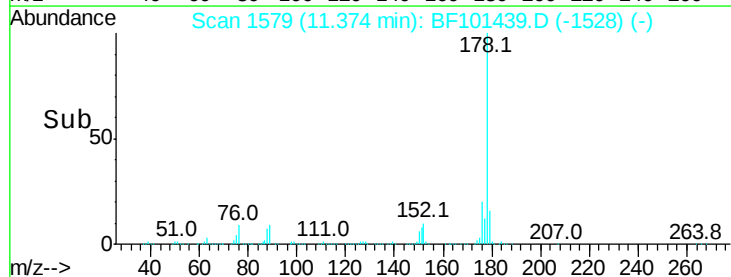
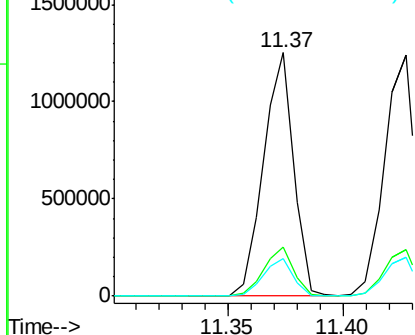


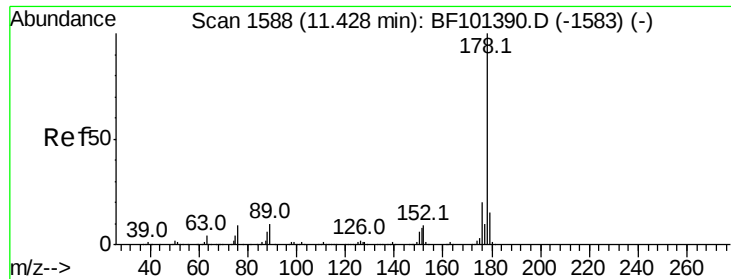
#70
 Phenanthrene
 Concen: 36.991 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:178 Resp: 1137908
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.5 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

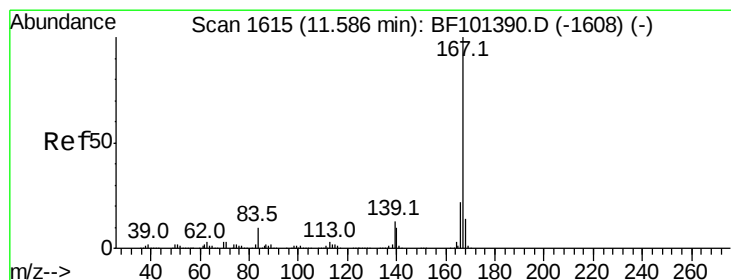
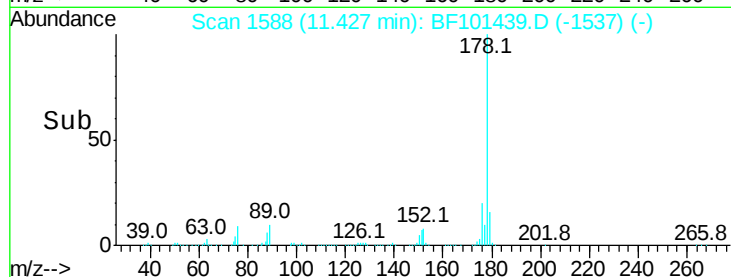
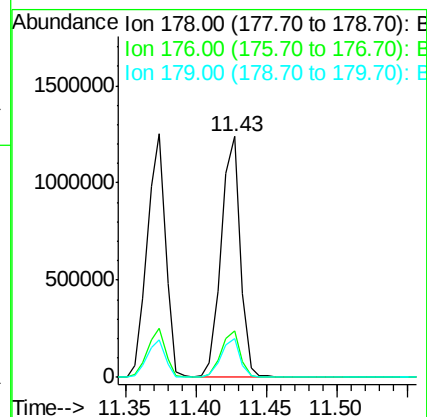
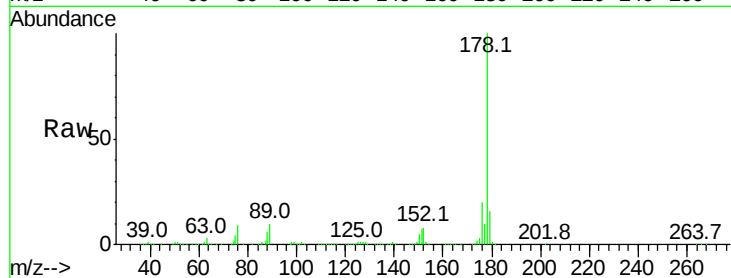




#71
 Anthracene
 Concen: 37.139 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

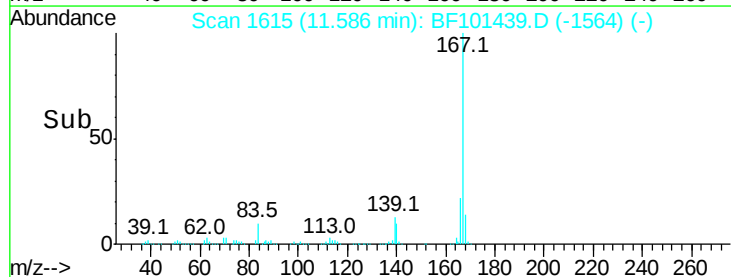
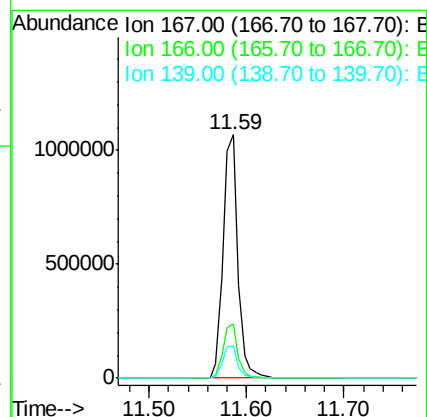
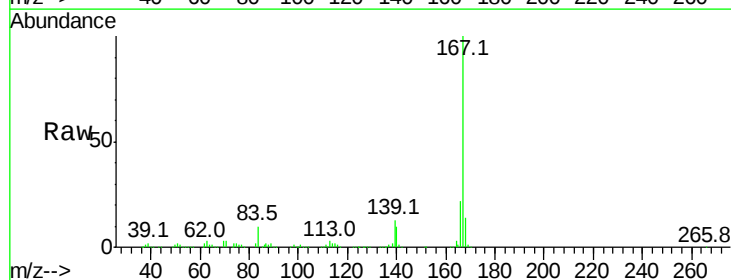
Instrument :
 BNA_F
 ClientSampleId :

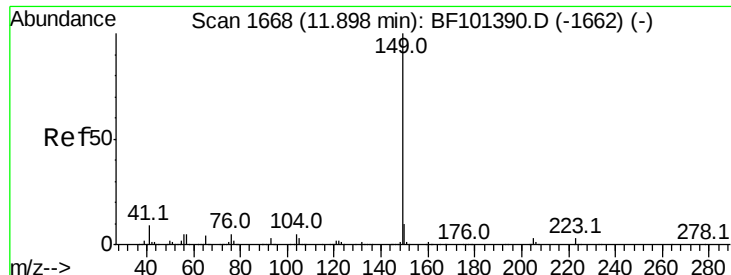
Tot Ion:178 Resp: 1166984
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.160 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:167 Resp: 1122641
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.001 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

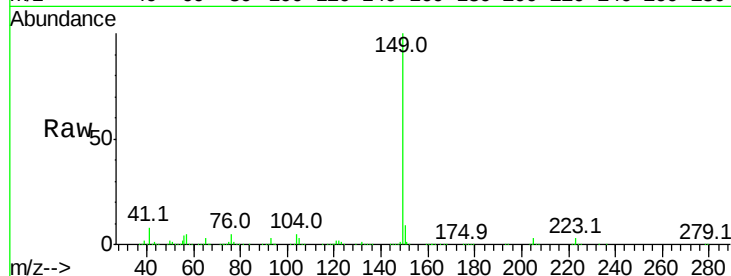
Tot Ion:149 Resp: 1356890

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

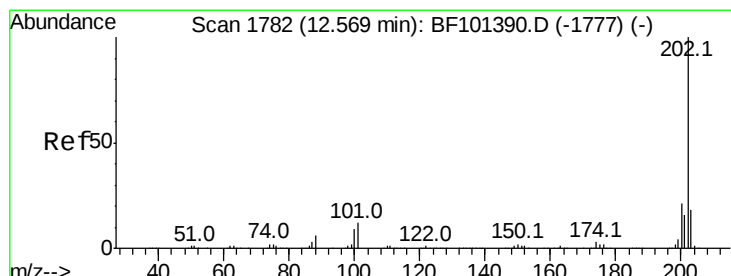
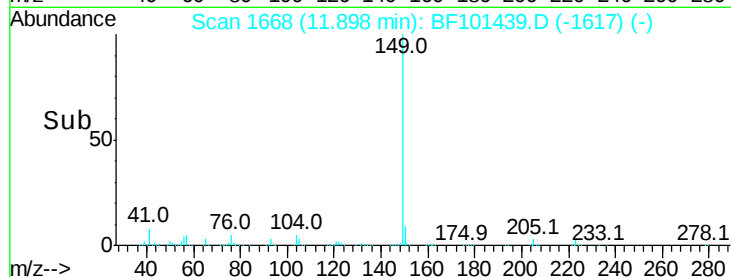
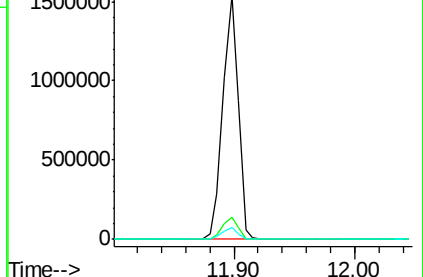
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.973 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

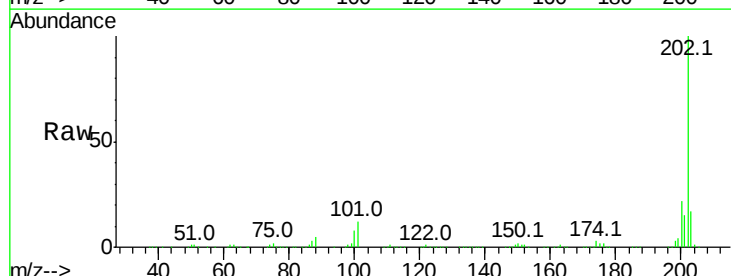
Tgt Ion:202 Resp: 1226098

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

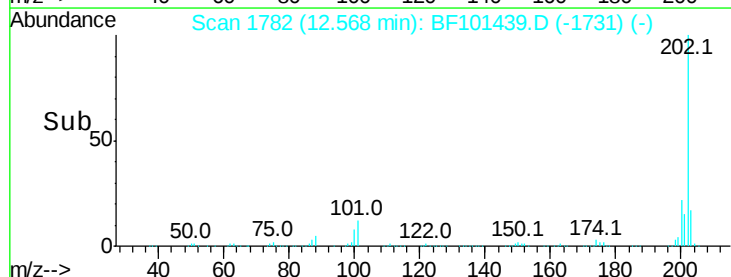
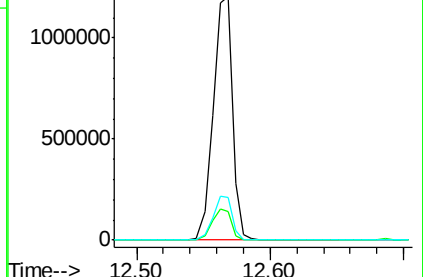
203 17.3 0.0 38.1

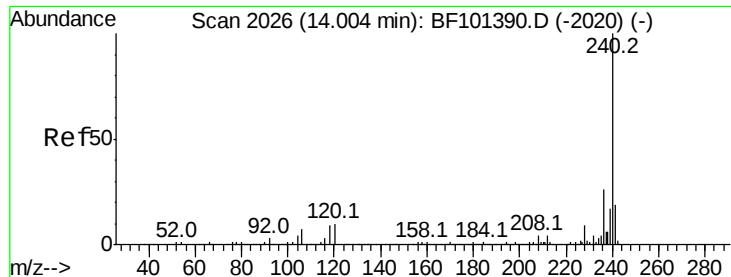


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

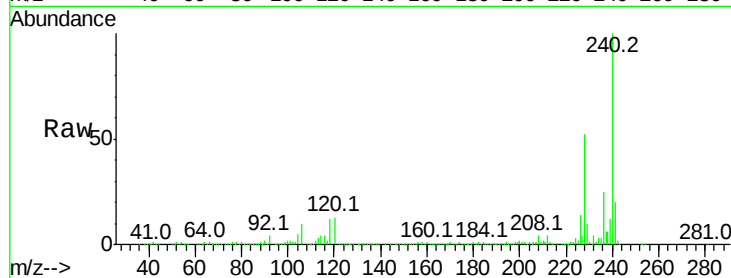
Tot Ion:240 Resp: 468706

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

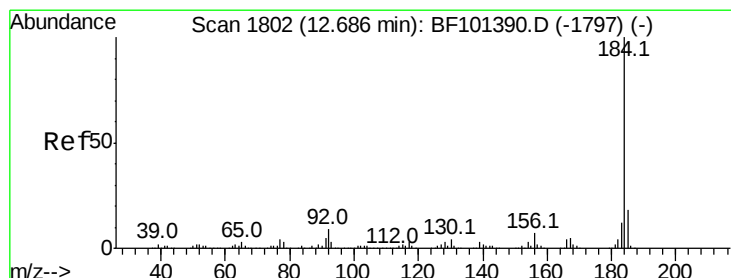
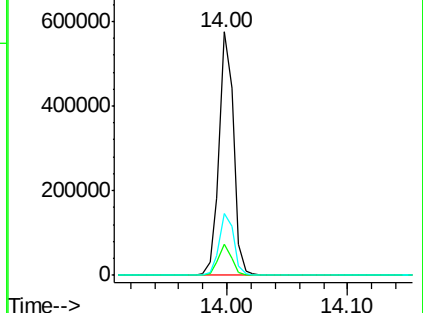
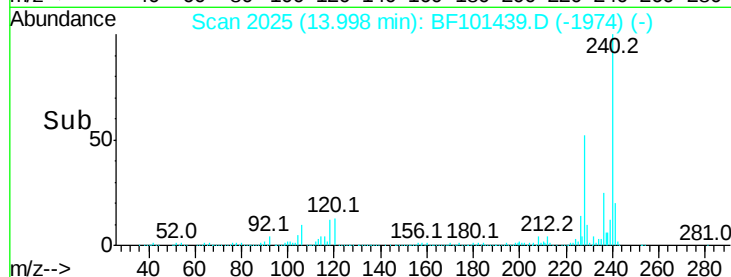
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.777 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

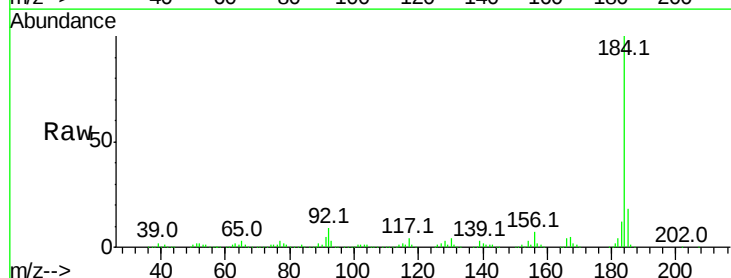
Tgt Ion:184 Resp: 728023

Ion Ratio Lower Upper

184 100

185 17.7 12.6 18.8

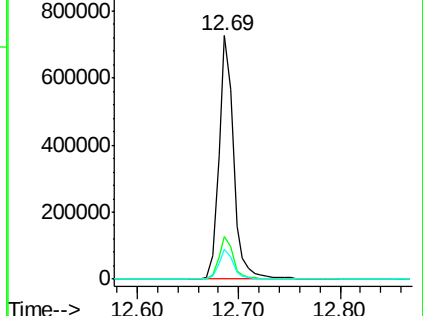
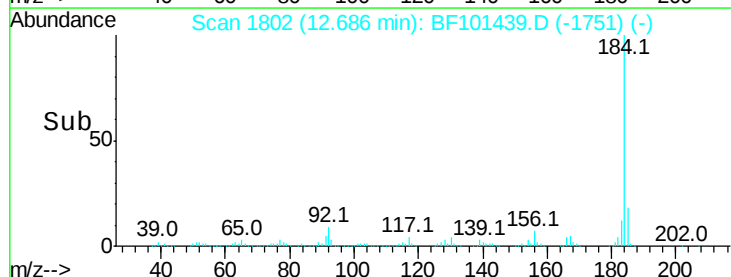
183 12.1 9.3 13.9

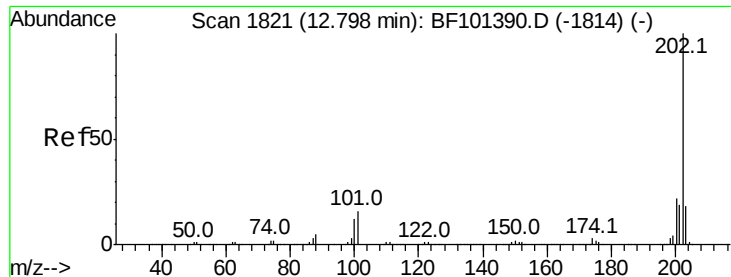


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

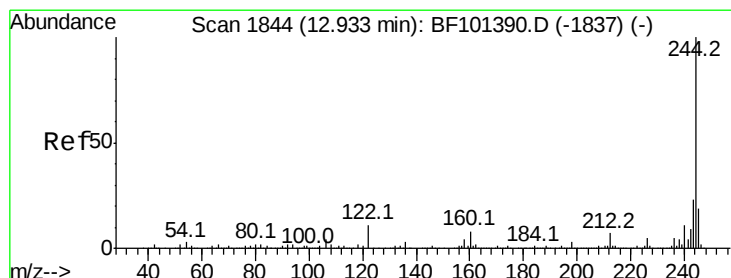
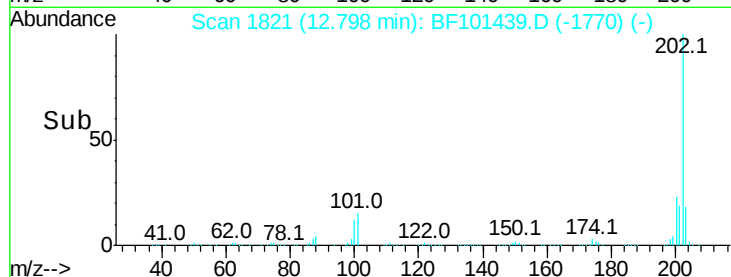
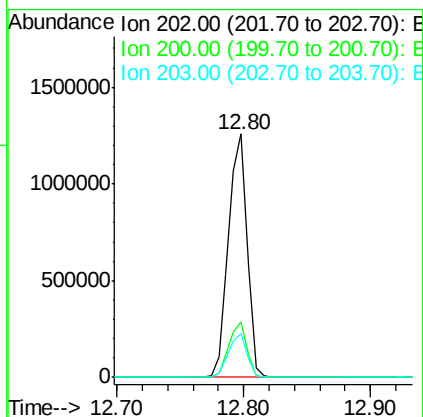
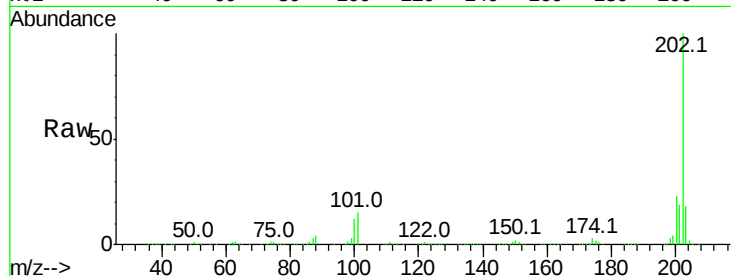




#77
Pvrene
Concen: 36.307 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

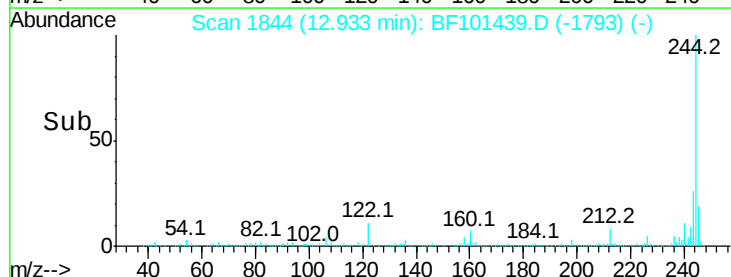
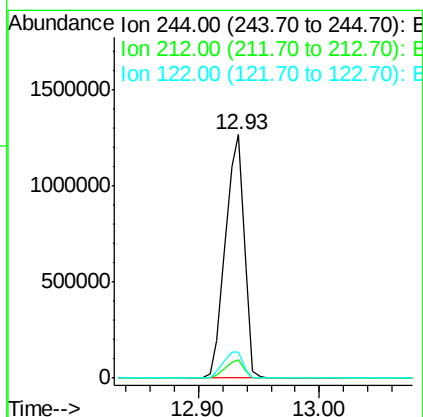
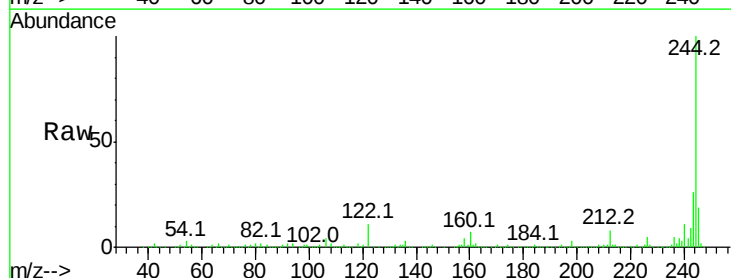
Instrument :
BNA_F
ClientSampleId :

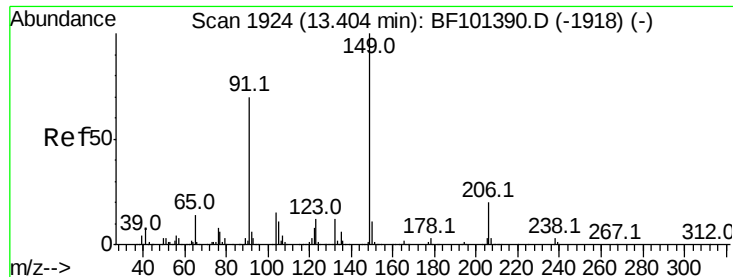
Tot Ion:202 Resp: 1277155
Ion Ratio Lower Upper
202 100
200 22.5 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 70.369 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:244 Resp: 1368118
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.0
122 10.8 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 37.114 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

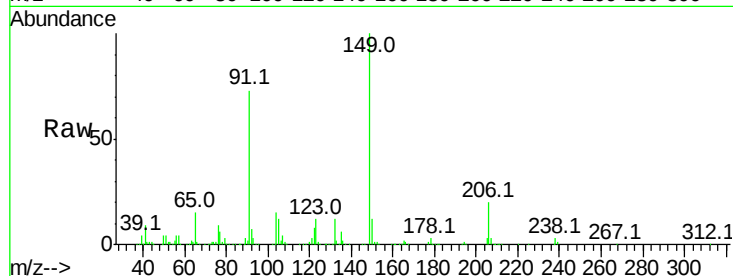
Tot Ion:149 Resp: 590722

Ion Ratio Lower Upper

149 100

91 73.2 56.8 85.2

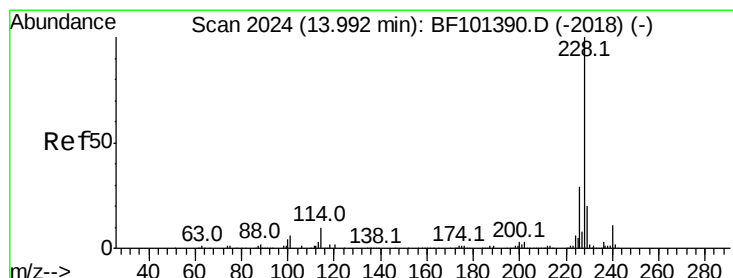
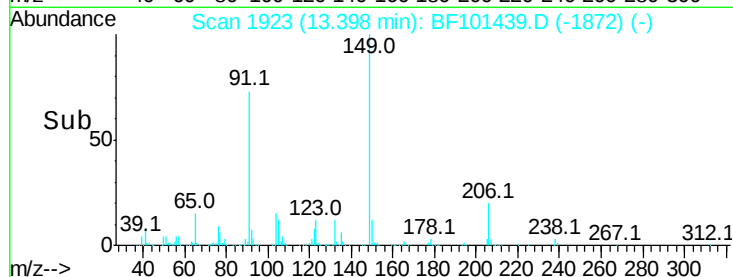
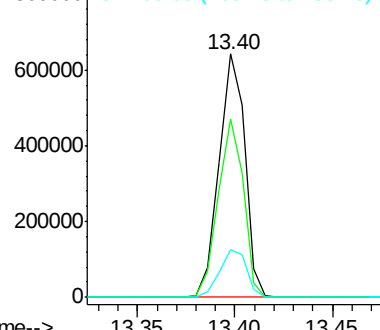
206 19.6 14.1 21.1



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: 36.126 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

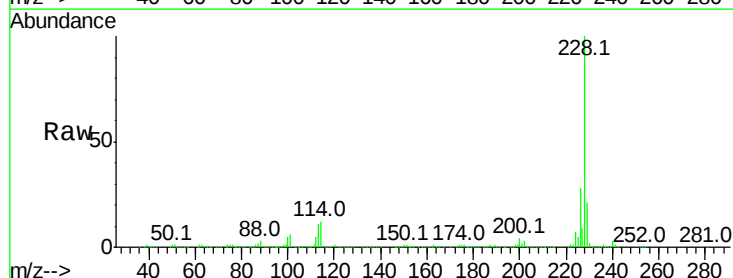
Tgt Ion:228 Resp: 1118091

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

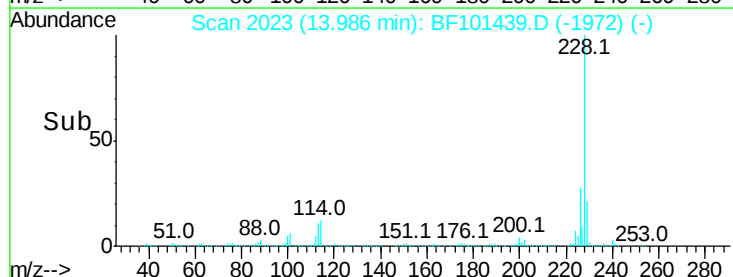
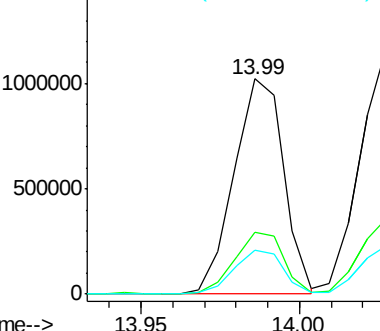
229 20.6 15.8 23.6

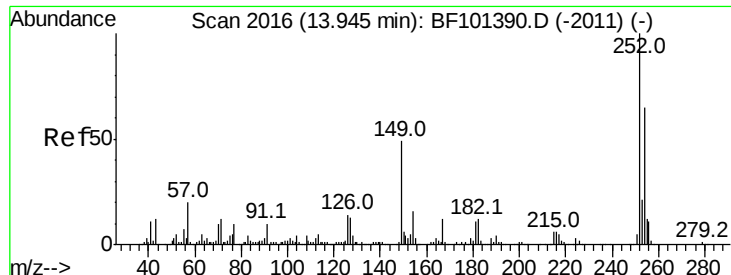


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

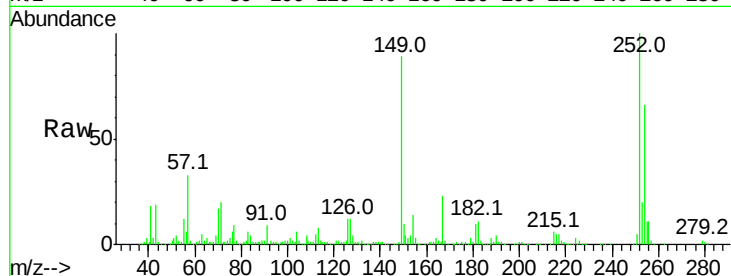




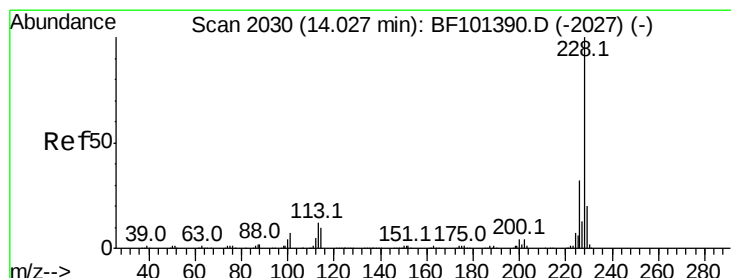
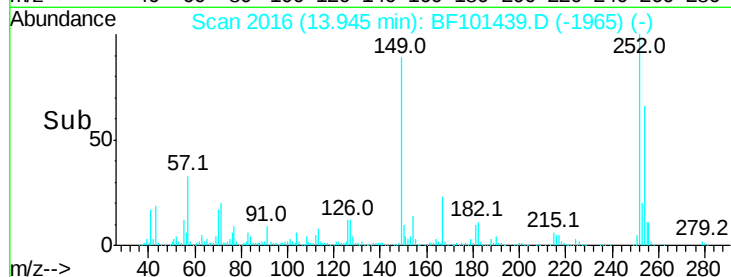
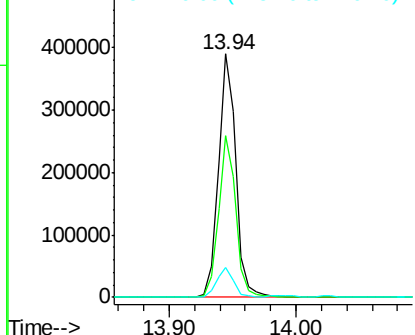
#81
 3,3'-Dichlorobenzidine
 Concen: 37.413 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 377555
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.4 75.6
 126 12.2 11.3 16.9

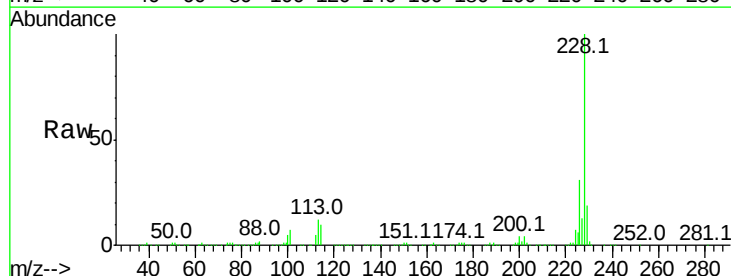


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

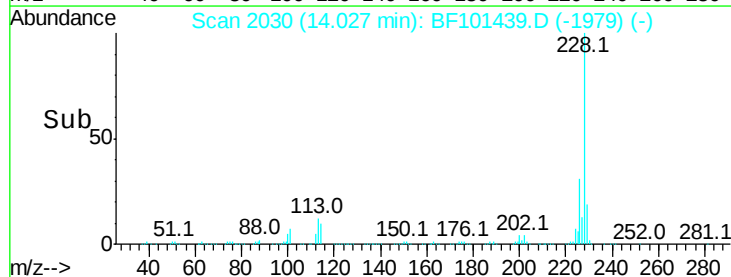
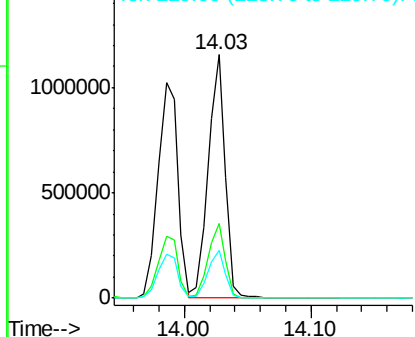


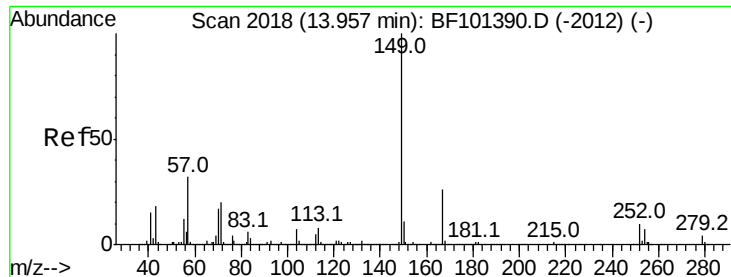
#82
 Chrysene
 Concen: 37.004 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion:228 Resp: 1081338
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.5 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: 36.249 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

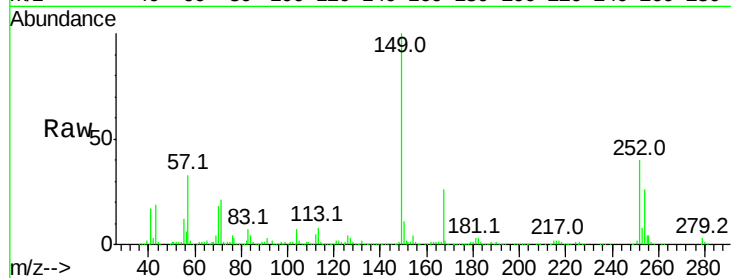
Tot Ion:149 Resp: 730787

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

149 100

167 26.1 21.3 31.9

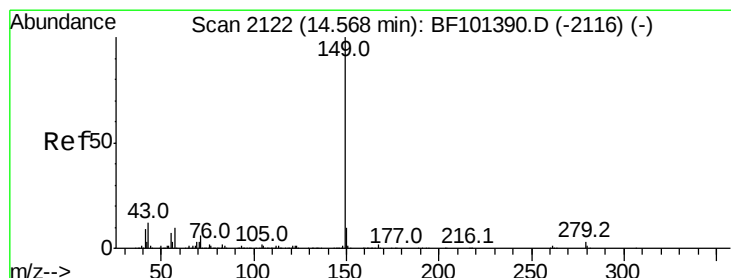
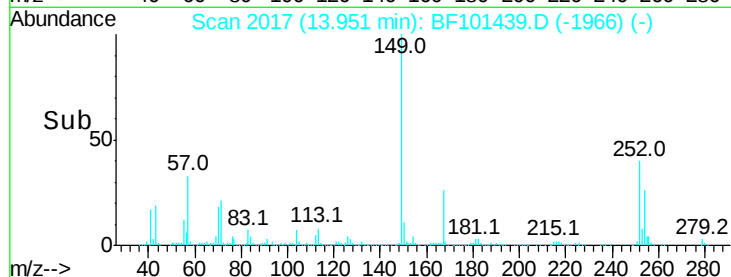
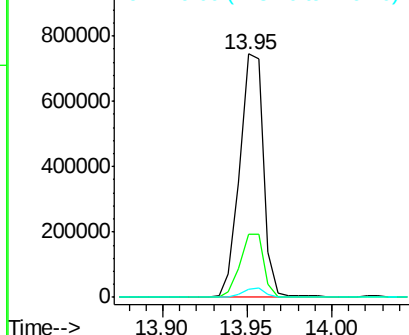
279 3.3 3.0 4.4



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: 37.502 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

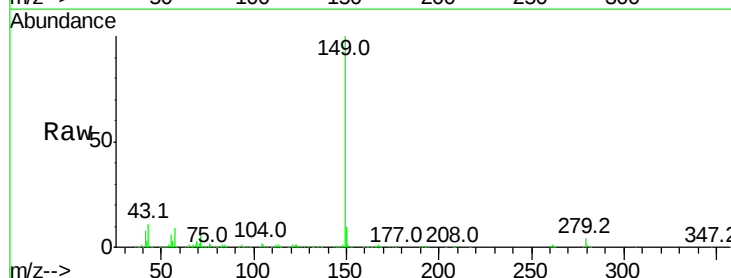
Tgt Ion:149 Resp: 1348343

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6

149 100

167 1.5 1.2 1.8

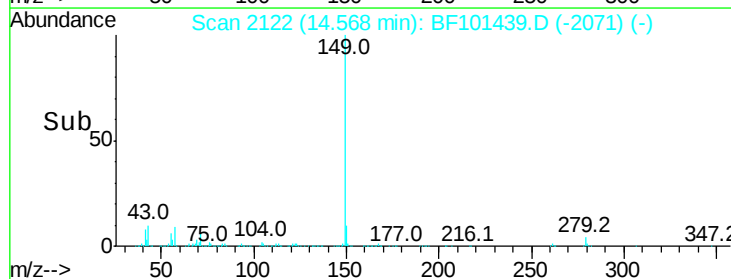
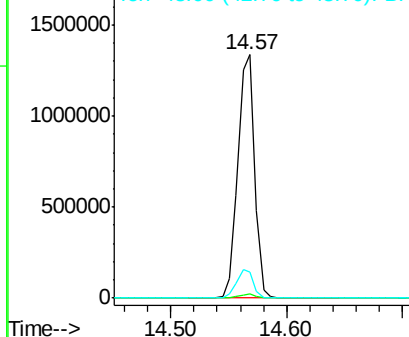
43 11.5 8.4 12.6

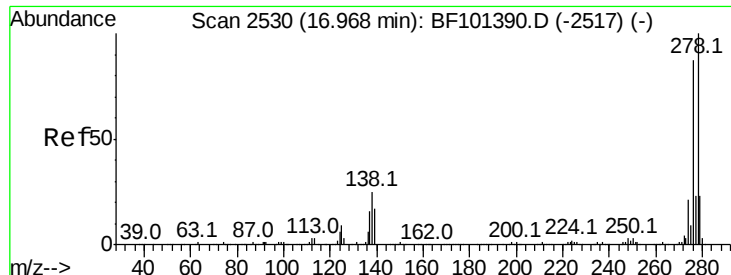


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

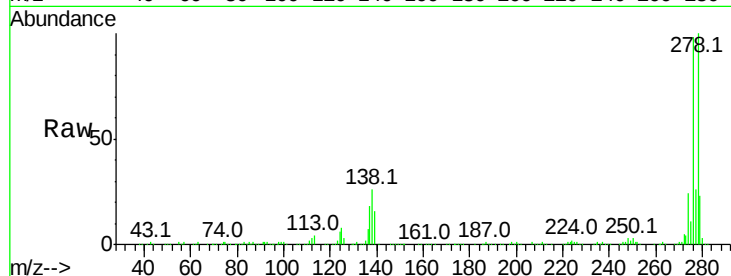




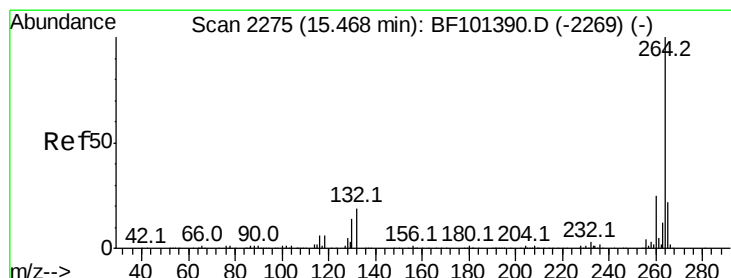
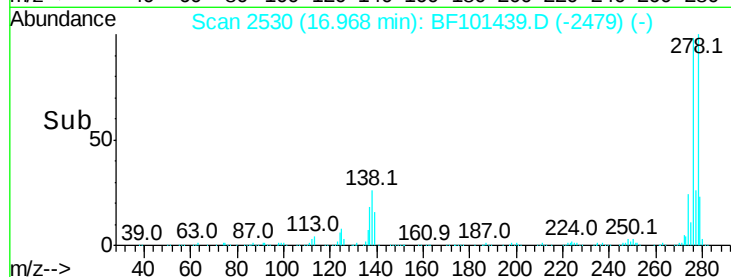
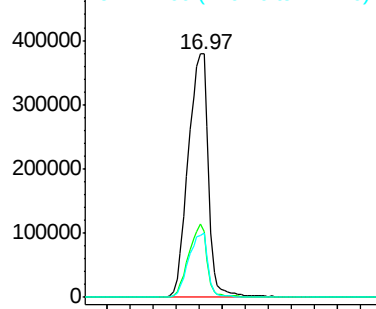
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.551 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.4	20.1	30.1

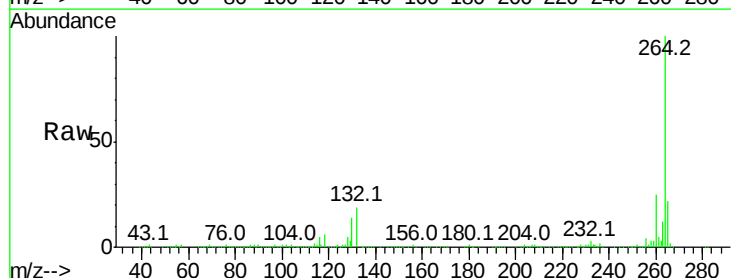


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

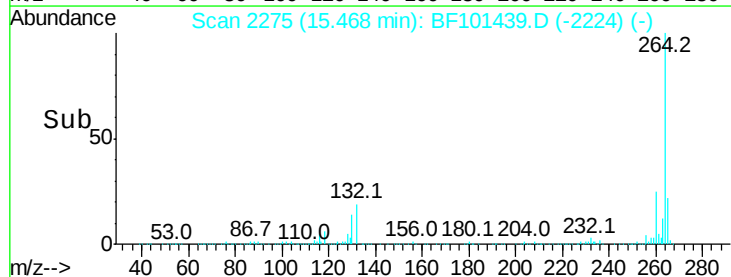
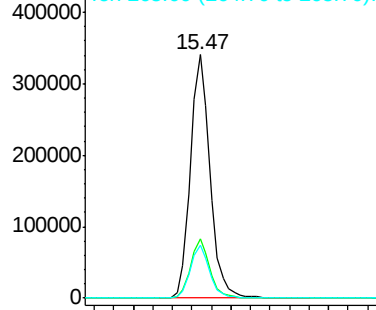


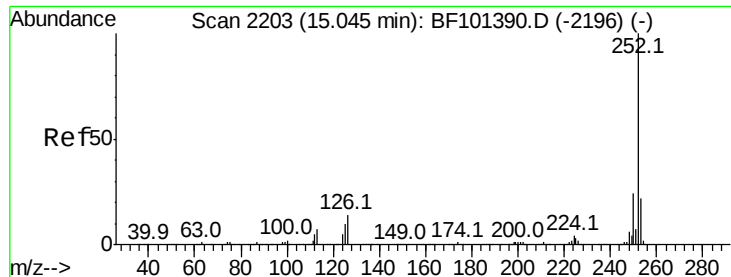
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.5	26.3



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

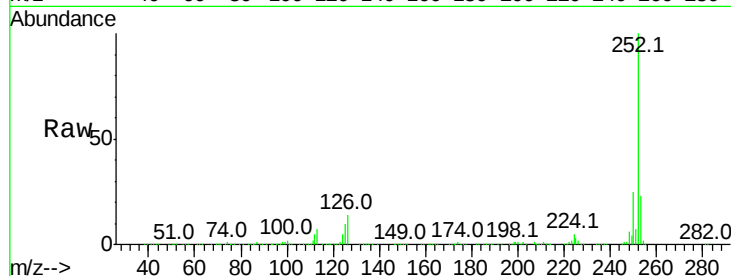




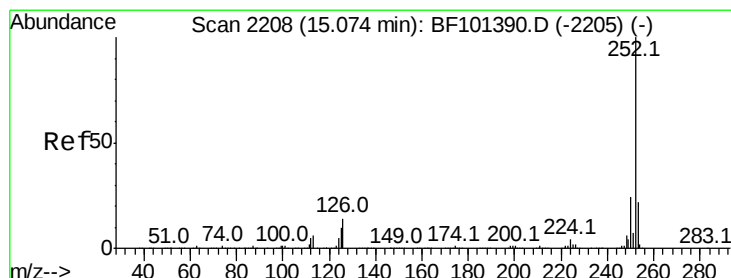
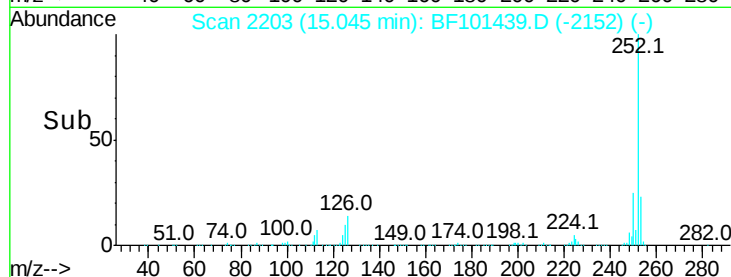
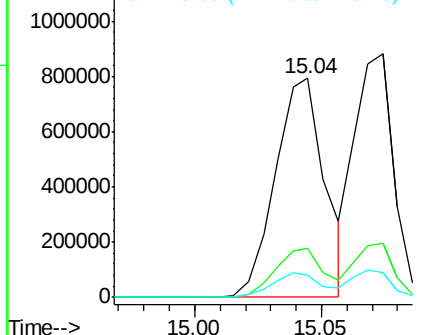
#87
Benzo(b)fluoranthene
Concen: 37.160 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1077605
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 10.1 9.0 13.6

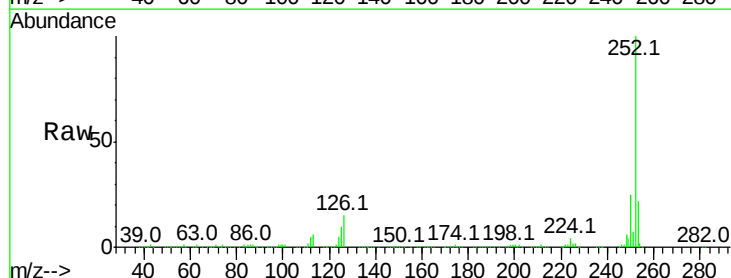


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

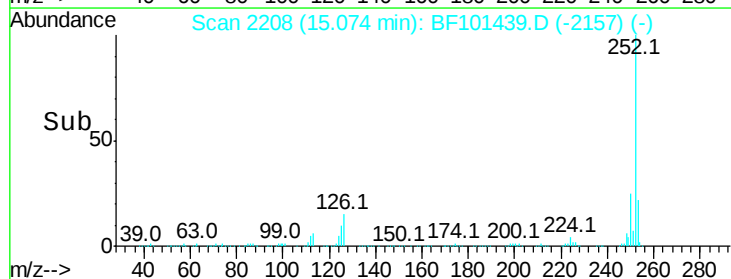
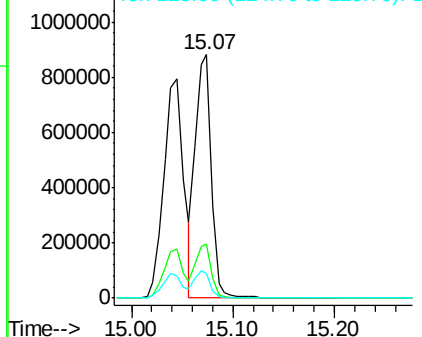


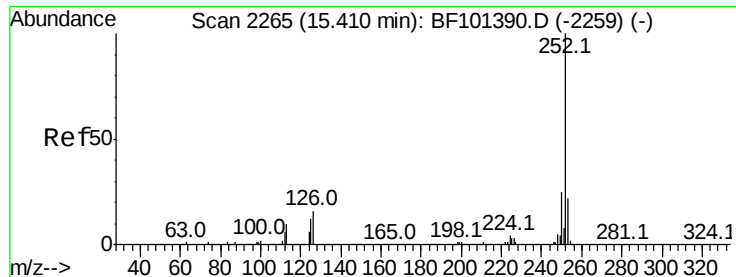
#88
Benzo(k)fluoranthene
Concen: 34.106 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF101439.D
Acq: 15 Dec 2017 13:31

Tgt Ion:252 Resp: 961604
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.9 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.074 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

Instrument :

BNA_F

ClientSampleId :

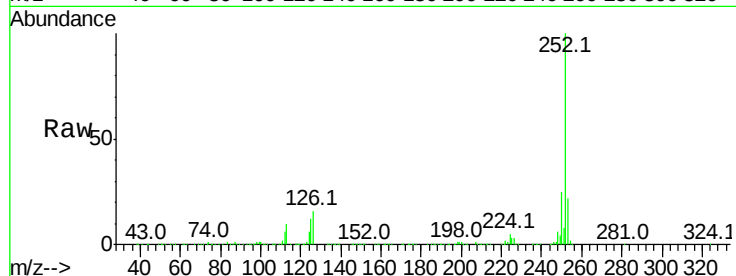
Tot Ion:252 Resp: 964346

Ion Ratio Lower Upper

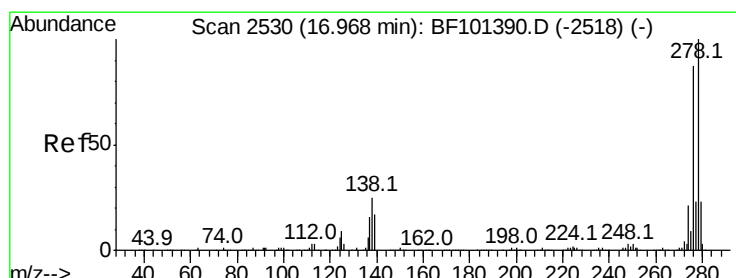
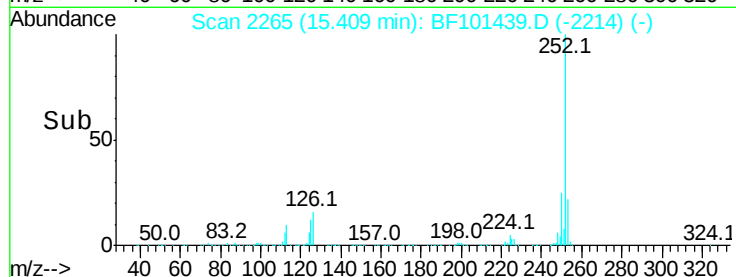
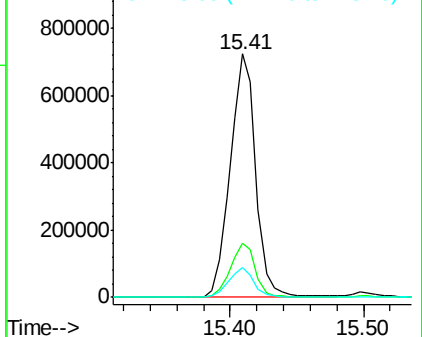
252 100

253 22.1 17.1 25.7

125 12.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.376 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF101439.D

Acq: 15 Dec 2017 13:31

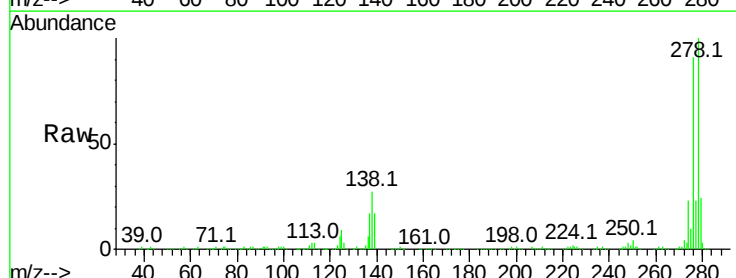
Tgt Ion:278 Resp: 789005

Ion Ratio Lower Upper

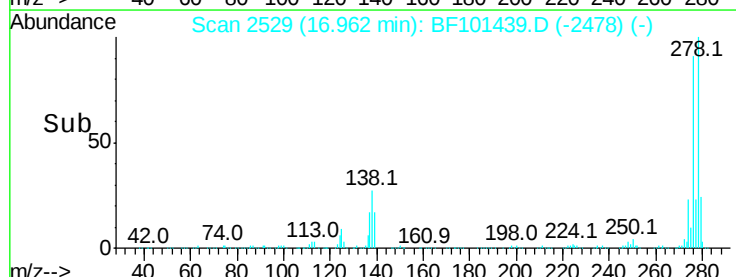
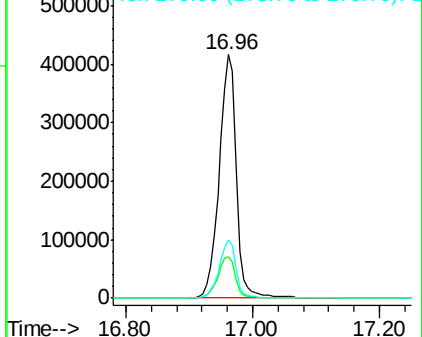
278 100

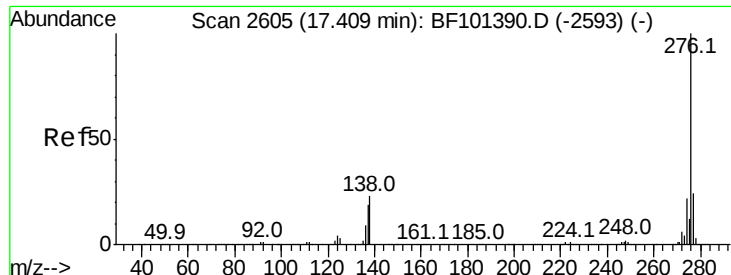
139 17.2 15.9 23.9

279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

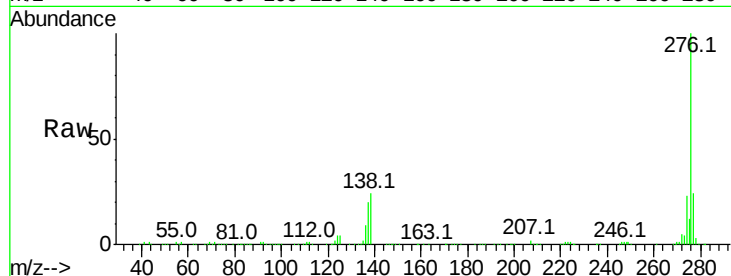




#91
 Benzo(a,h,i)perylene
 Concen: 34.320 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: BF101439.D
 Acq: 15 Dec 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 780017
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.9 26.9
 138 24.3 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

