

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101604.D
 Acq On : 21 Dec 2017 14:02
 Operator : SJ/JU
 Sample : I6681-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Quant Time: Dec 21 14:55:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149094	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	589880	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	247232	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	377011	20.00	ng	0.00
75) Chrysene-d12	13.99	240	205481	20.00	ng	0.02
86) Perylene-d12	15.46	264	252178	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1029245	102.83	ng	0.01
7) Phenol-d6	6.45	99	1196030	96.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	779540	73.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	222517	93.41	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1194181	74.93	ng	0.00
78) Terphenyl-d14	12.91	244	824235	96.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	150224	29.209	ng	96
3) Pyridine	3.34	79	376930	26.378	ng	95
4) n-Nitrosodimethylamine	3.29	42	195258	29.678	ng	100
6) Aniline	6.47	93	185217	10.699	ng	# 68
8) 2-Chlorophenol	6.59	128	327806	31.134	ng	97
9) Benzaldehyde	6.35	77	191327	20.797	ng	94
10) Phenol	6.46	94	444582	31.313	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	353395	31.732	ng	93
12) 1,3-Dichlorobenzene	6.73	146	360726	30.356	ng	97
13) 1,4-Dichlorobenzene	6.81	146	364504	30.038	ng	99
14) 1,2-Dichlorobenzene	6.96	146	332966	30.483	ng	99
15) Benzyl Alcohol	6.95	79	250287	29.191	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	559926	32.852	ng	61
17) 2-Methylphenol	7.06	107	270007	27.878	ng	# 89
18) Hexachloroethane	7.30	117	127833	30.299	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	243858	29.809	ng	91
20) 3+4-Methylphenols	7.22	107	374532	36.493	ng	# 87
22) Acetophenone	7.21	105	474675	35.266	ng	# 95
24) Nitrobenzene	7.39	77	375549	32.022	ng	97
25) Isophorone	7.62	82	676126	31.806	ng	97
26) 2-Nitrophenol	7.70	139	178339	35.395	ng	97
27) 2,4-Dimethylphenol	7.74	122	293187	34.251	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	421056	31.181	ng	99
29) 2,4-Dichlorophenol	7.96	162	279141	33.008	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	272159	30.496	ng	97
31) Naphthalene	8.10	128	969082	32.633	ng	99
32) Benzoic acid	7.86	122	51837	15.458	ng	89
33) 4-Chloroaniline	8.17	127	108209	8.384	ng	97
34) Hexachlorobutadiene	8.20	225	156515	30.323	ng	98
35) Caprolactam	8.53	113	75940	25.861	ng	# 81
36) 4-Chloro-3-methylphenol	8.65	107	282136	30.354	ng	98
37) 2-Methylnaphthalene	8.79	142	659318	34.077	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	275454	33.000	ng	98
40) Hexachlorocyclopentadiene	8.85	237	383	11.616	ng	83

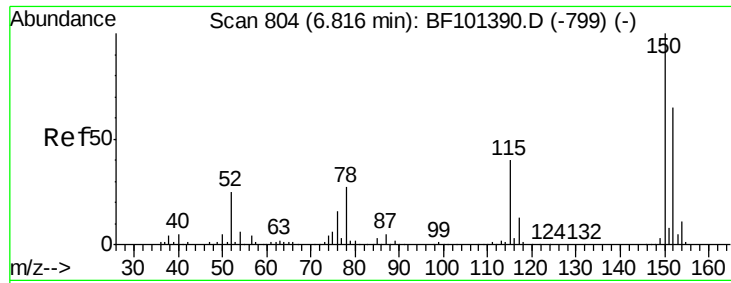
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	175764	34.976	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	171867	31.235	ng	95
45) 1,1'-Biphenyl	9.26	154	725874	33.106	ng	99
46) 2-Chloronaphthalene	9.29	162	519788	30.983	ng	96
47) 2-Nitroaniline	9.39	65	190652	32.896	ng	89
48) Acenaphthylene	9.70	152	891192	33.632	ng	100
49) Dimethylphthalate	9.56	163	679398	34.164	ng	99
50) 2,6-Dinitrotoluene	9.63	165	126518	31.303	ng	95
51) Acenaphthene	9.87	154	544264	34.187	ng	99
52) 3-Nitroaniline	9.80	138	96441	19.139	ng	99
53) 2,4-Dinitrophenol	9.95	184	12409	17.998	ng	# 33
54) Dibenzofuran	10.04	168	678174	33.520	ng	97
55) 4-Nitrophenol	9.99	139	133723	60.859	ng	93
56) 2,4-Dinitrotoluene	10.05	165	152991	33.597	ng	# 75
57) Fluorene	10.39	166	653937	38.208	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	124090	31.390	ng	90
59) Diethylphthalate	10.25	149	586504	29.782	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	252784	30.818	ng	89
61) 4-Nitroaniline	10.42	138	106307	20.988	ng	97
62) Azobenzene	10.53	77	576924	28.280	ng	92
65) n-Nitrosodiphenylamine	10.49	169	480517	34.518	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	150951	35.634	ng	# 87
67) Hexachlorobenzene	10.94	284	135949	30.322	ng	93
68) Atrazine	11.02	200	147204	35.463	ng	98
69) Pentachlorophenol	11.15	266	96938	57.599	ng	98
70) Phenanthrene	11.36	178	2090733	99.719	ng	99
71) Anthracene	11.40	178	1125834	52.569	ng	100
72) Carbazole	11.56	167	620276	30.935	ng	99
73) Di-n-butylphthalate	11.87	149	795857	32.702	ng	100
74) Fluoranthene	12.56	202	3453558	156.930	ng	96
76) Benzidine	12.67	184	43992	5.069	ng	96
77) Pyrene	12.80	202	3380171	219.188	ng	99
79) Butylbenzylphthalate	13.38	149	266865	38.245	ng	# 94
80) Benzo(a)anthracene	13.98	228	2749416	202.636	ng	96
81) 3,3'-Dichlorobenzidine	13.94	252	120899	27.327	ng	# 97
82) Chrysene	14.02	228	2258072	176.262	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	353134	39.956	ng	99
84) Di-n-octyl phthalate	14.54	149	598774	37.988	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.97	276	1590600	139.428	ng	93
87) Benzo(b)fluoranthene	15.05	252	4344136	282.622	ng	96
88) Benzo(k)fluoranthene	15.05	252	4344136	290.682	ng	97
89) Benzo(a)pyrene	15.42	252	2359012	166.483	ng	96
90) Dibenzo(a,h)anthracene	16.96	278	614601	50.518	ng	94
91) Benzo(g,h,i)perylene	17.42	276	1401548	116.342	ng	93

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

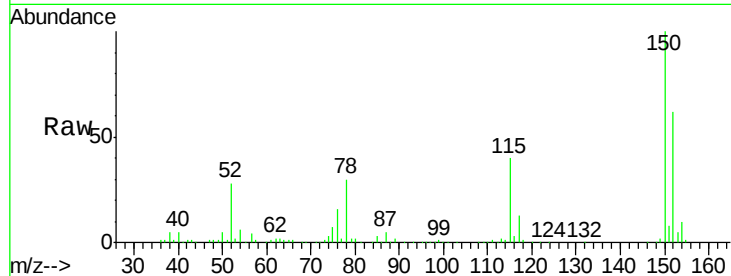


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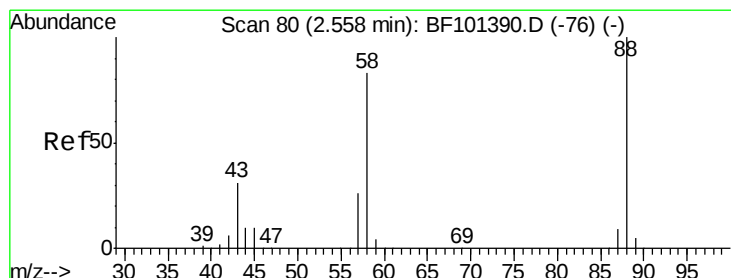
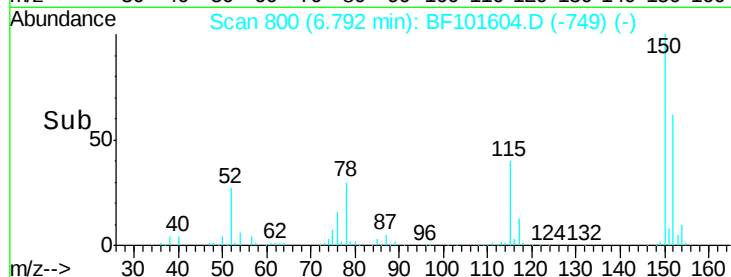
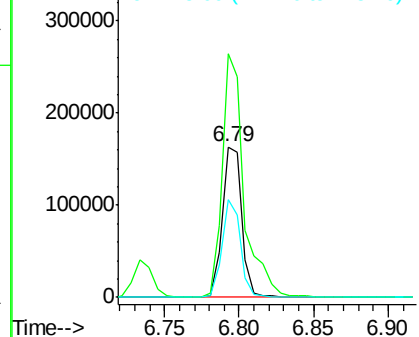
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Tgt Ion:152 Resp: 149094
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 64.8 50.1 75.1



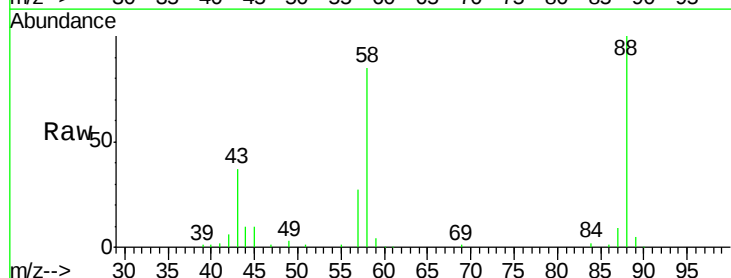
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



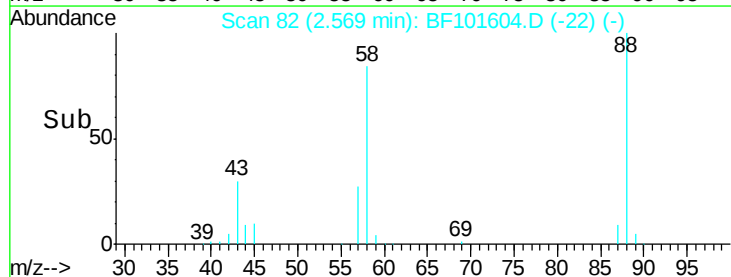
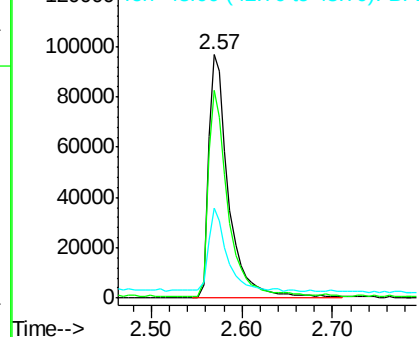
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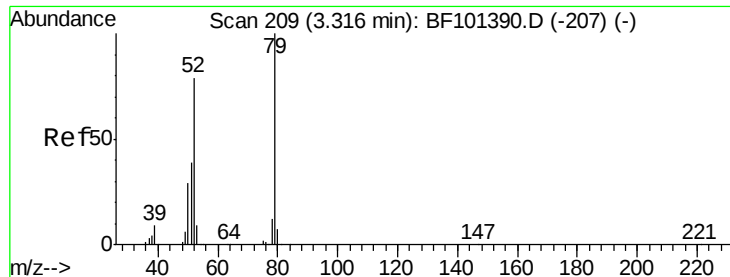
1,4-Dioxane
Concen: 29.209 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 88 Resp: 150224
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 29.2 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

Pyridine

Concen: 26.378 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.06 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

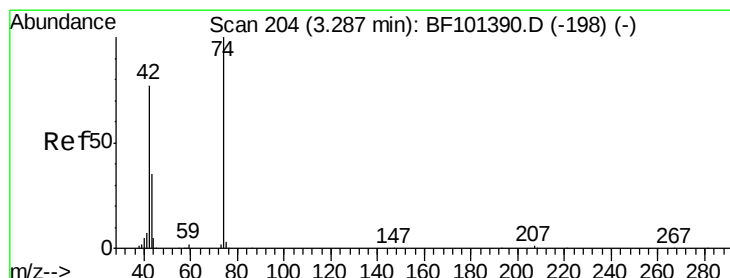
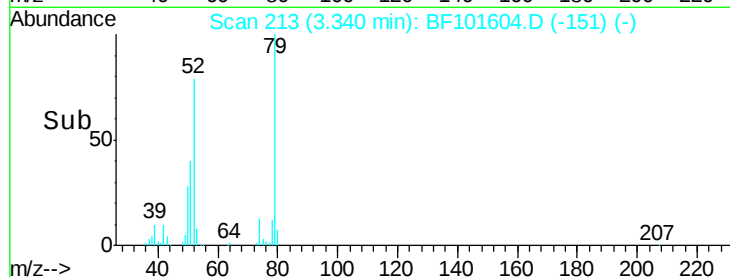
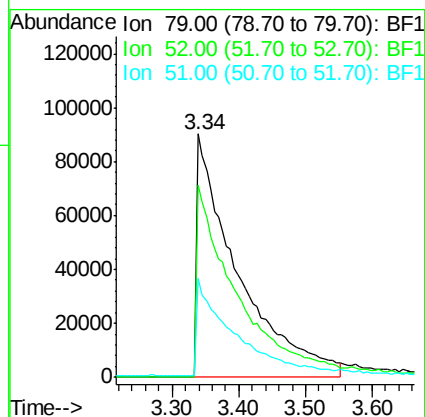
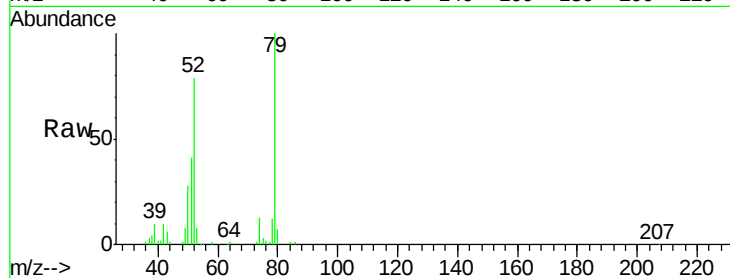
Tgt Ion: 79 Resp: 376930

Ion Ratio Lower Upper

79 100

52 79.2 59.8 89.6

51 40.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 29.678 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.05 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

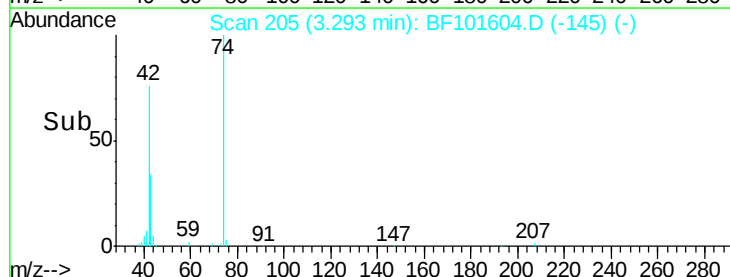
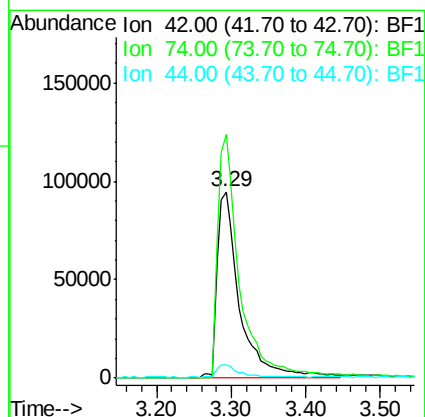
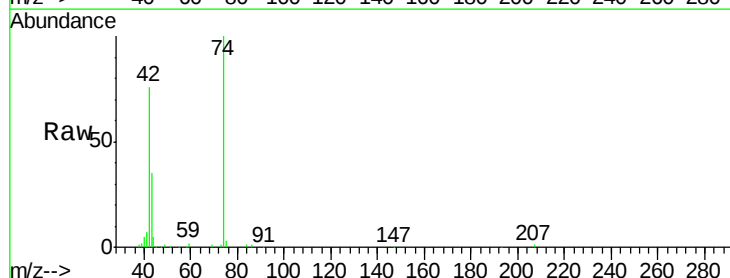
Tgt Ion: 42 Resp: 195258

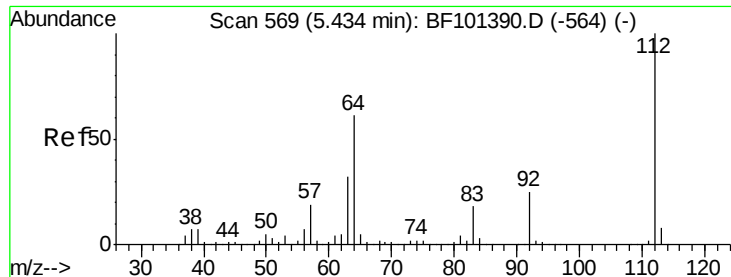
Ion Ratio Lower Upper

42 100

74 130.9 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 102.831 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

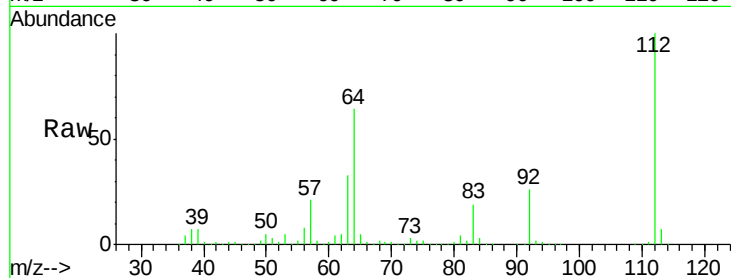
Tgt Ion: 112 Resp: 1029245

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

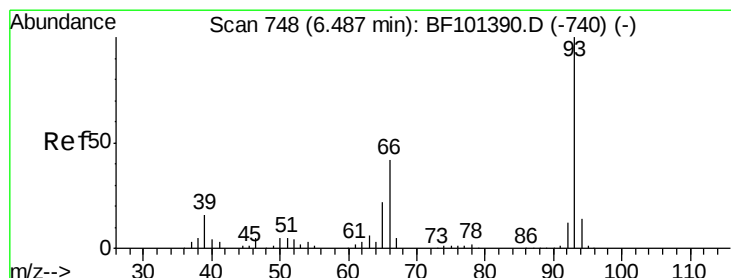
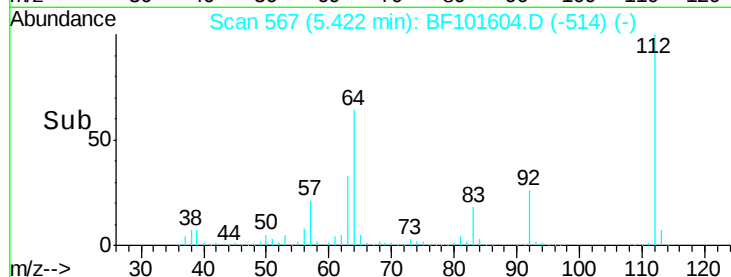
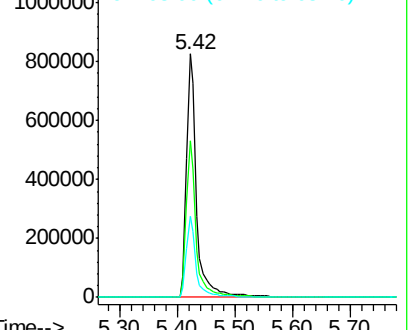
63 33.2 23.7 35.5



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: 10.699 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

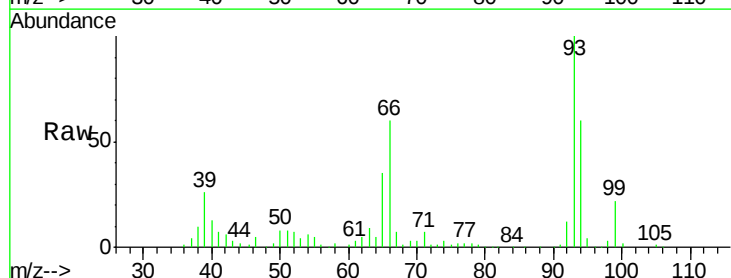
Tgt Ion: 93 Resp: 185217

Ion Ratio Lower Upper

93 100

66 59.8 32.2 48.2#

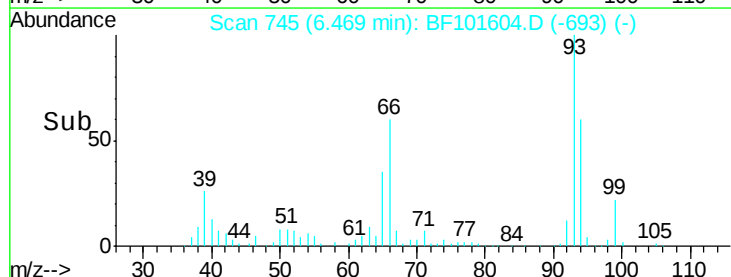
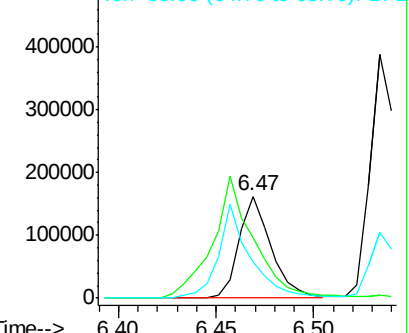
65 35.2 16.4 24.6#

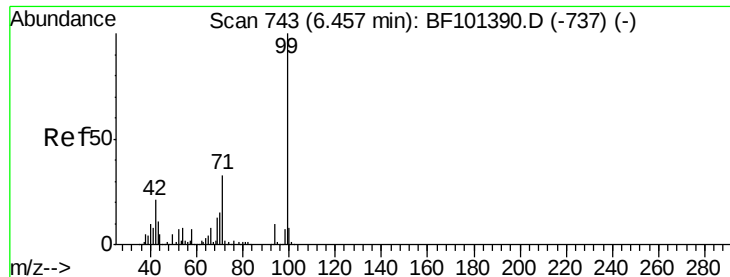


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.015 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

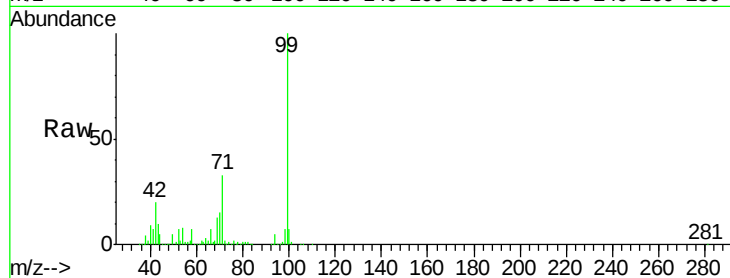
Tgt Ion: 99 Resp: 1196030

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

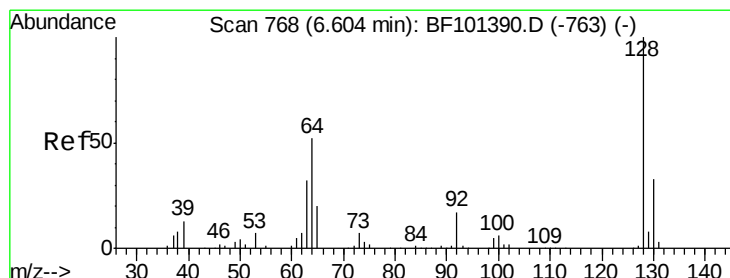
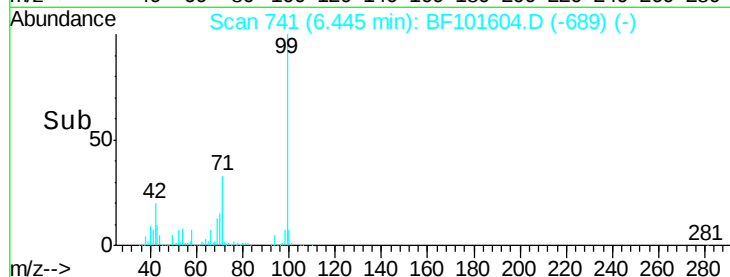
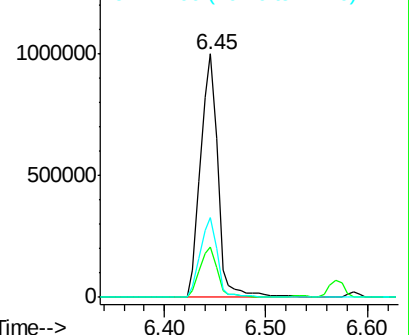
71 33.0 25.4 38.0



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: 31.134 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

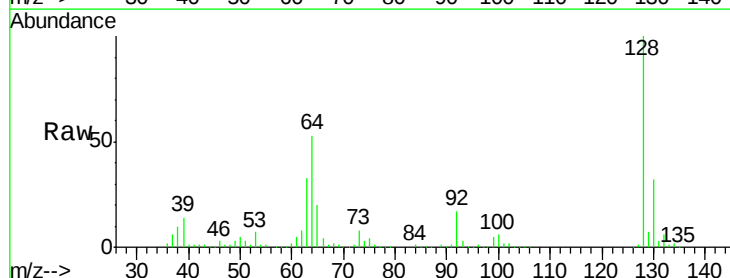
Tgt Ion: 128 Resp: 327806

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

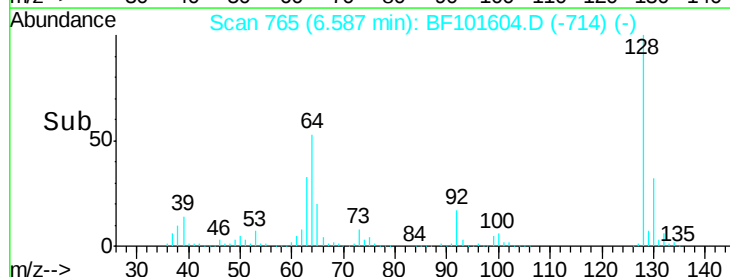
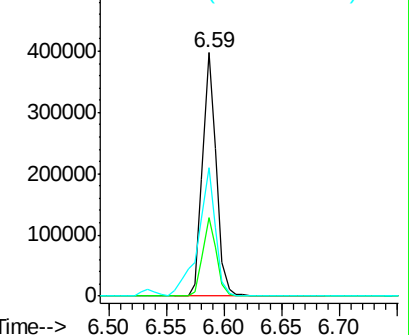
64 52.6 29.4 69.4

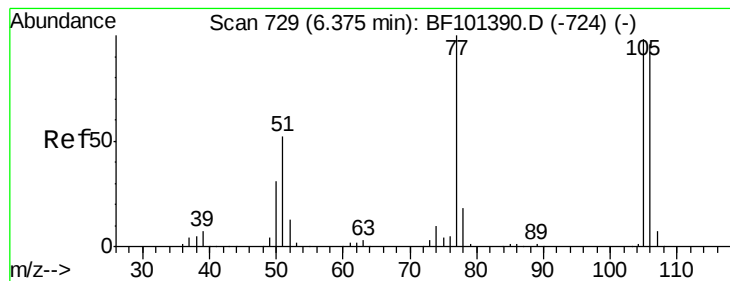


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.797 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

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PL-01-121917-AMS

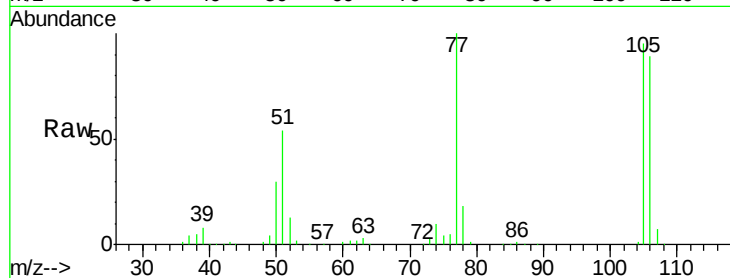
Tgt Ion: 77 Resp: 191327

Ion Ratio Lower Upper

77 100

105 94.5 81.1 121.1

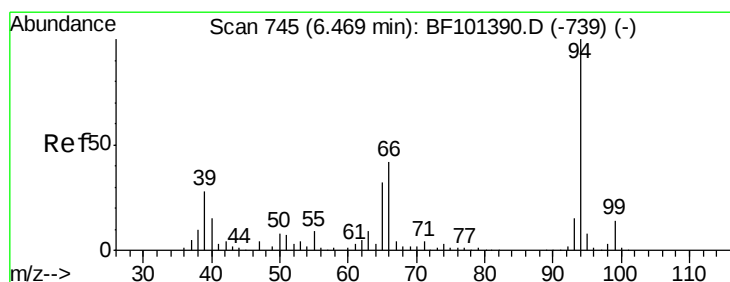
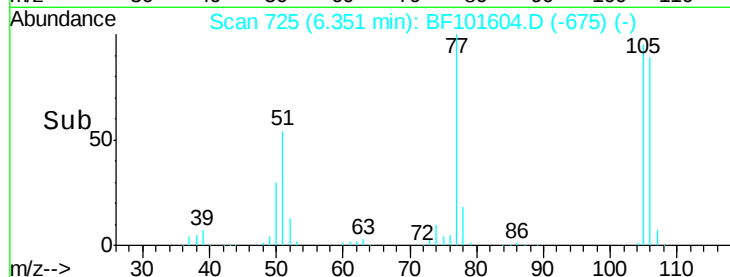
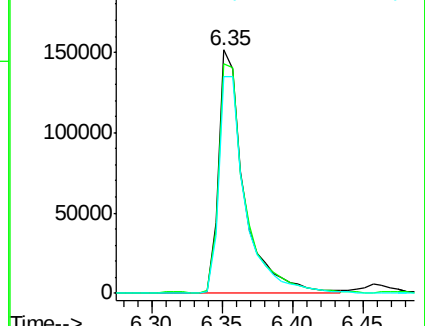
106 89.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.313 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

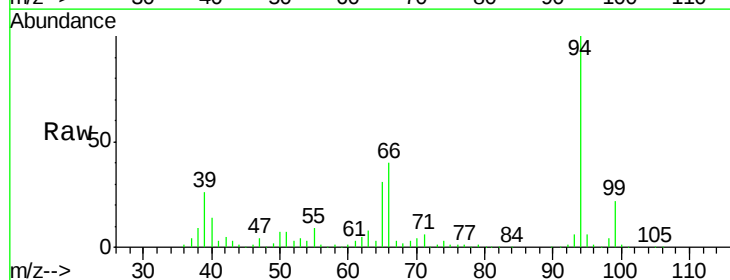
Tgt Ion: 94 Resp: 444582

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

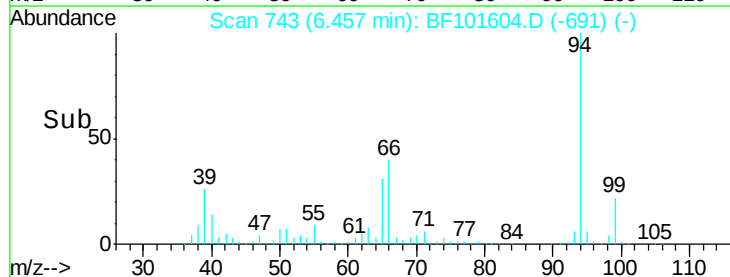
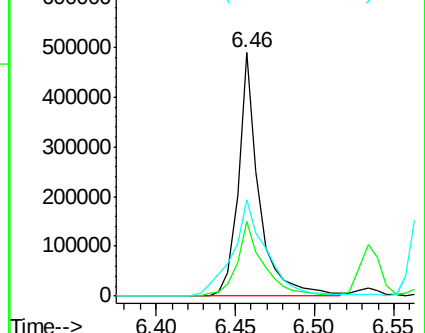
66 39.7 16.2 56.2

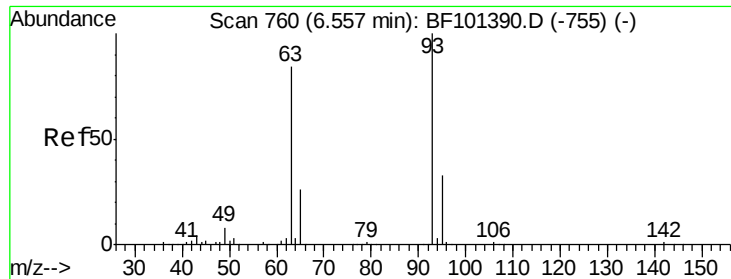


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

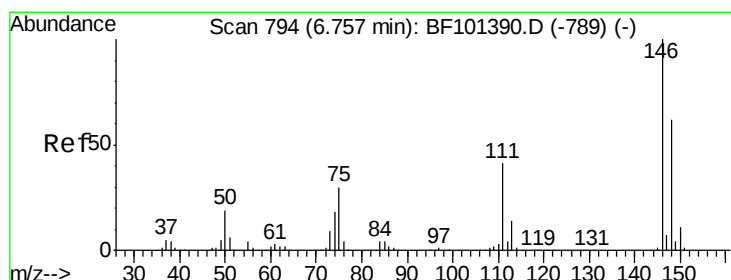
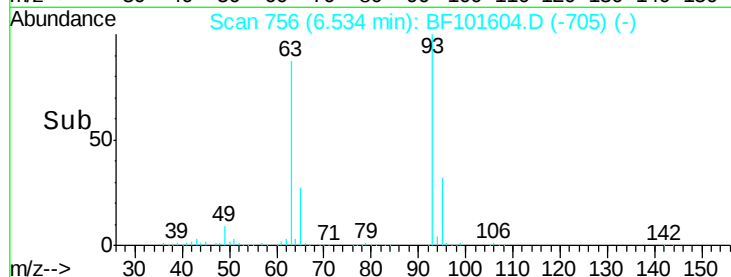
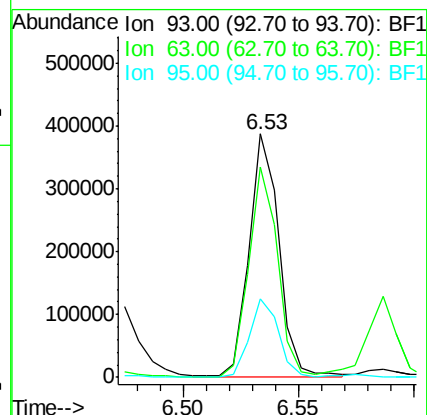
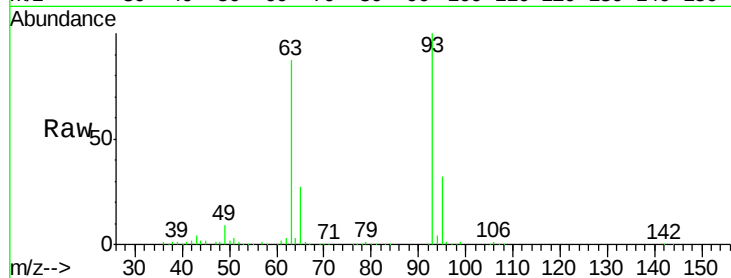




#11
bis(2-Chloroethyl)ether
Concen: 31.732 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

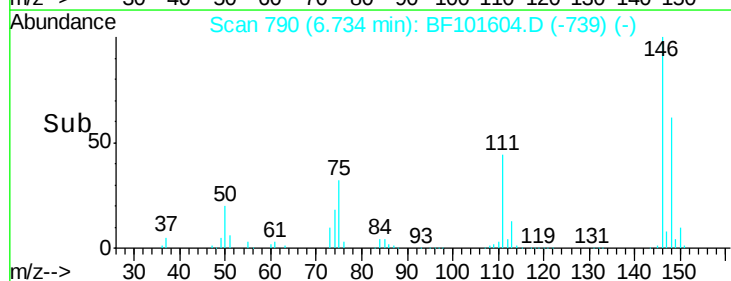
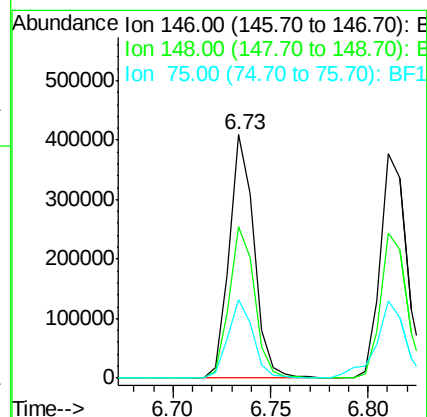
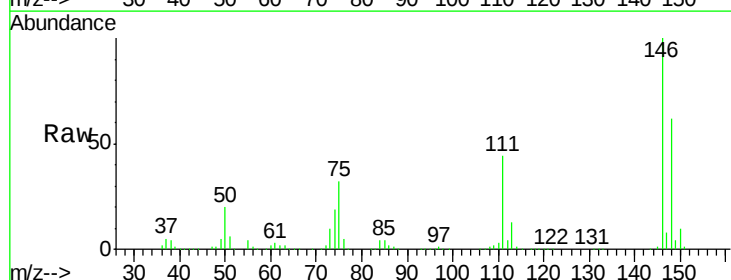
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

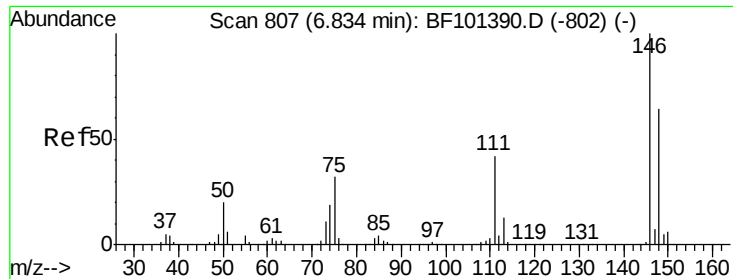
Tgt Ion: 93 Resp: 353395
Ion Ratio Lower Upper
93 100
63 86.5 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 30.356 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 146 Resp: 360726
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.8
75 32.2 24.2 36.4

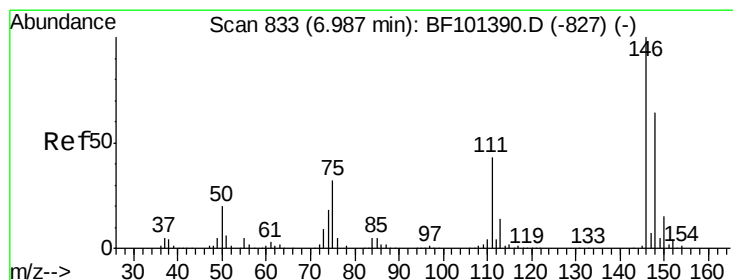
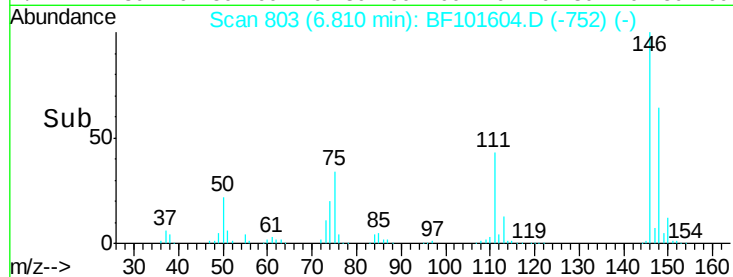
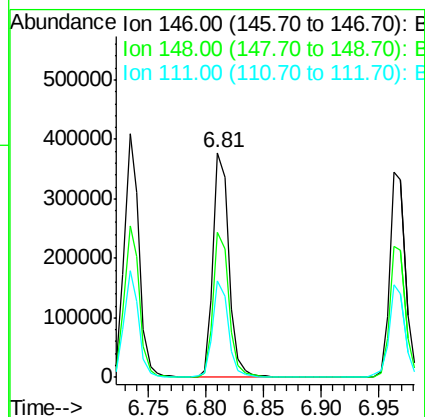
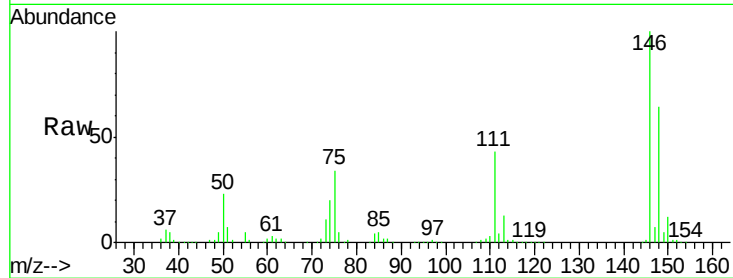




#13
 1,4-Dichlorobenzene
 Concen: 30.038 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

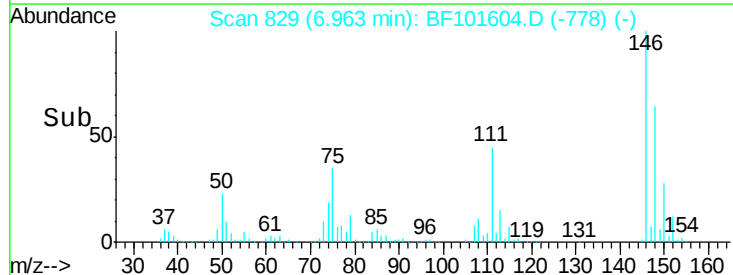
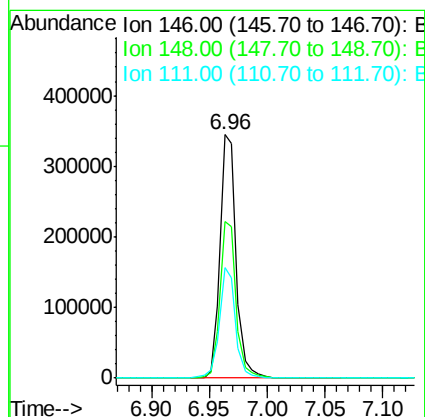
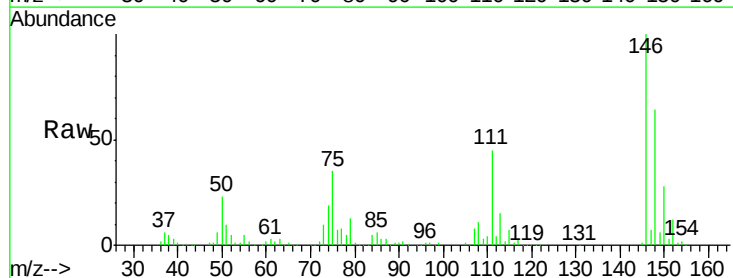
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

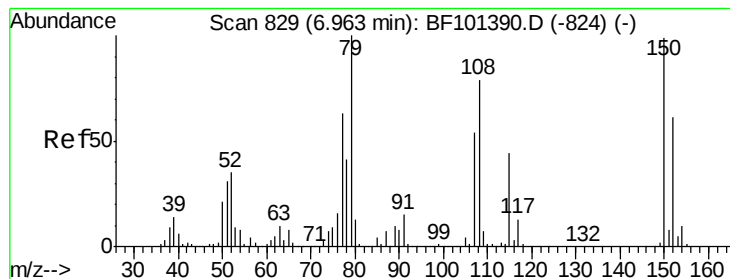
Tgt Ion:146 Resp: 364504
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.483 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion:146 Resp: 332966
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 45.1 36.0 54.0

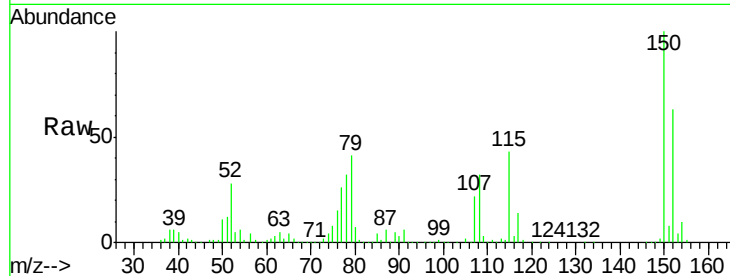




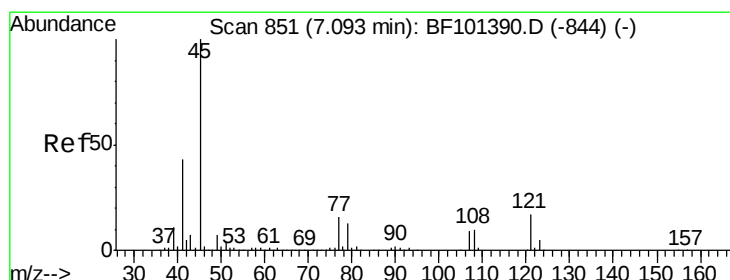
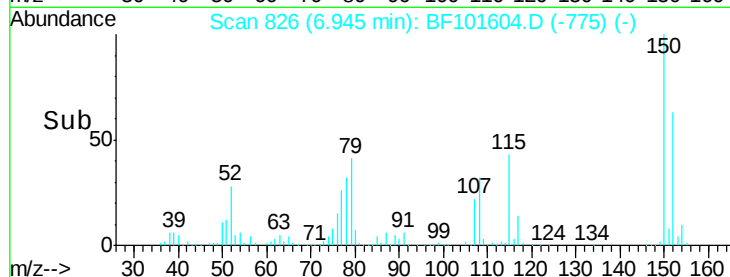
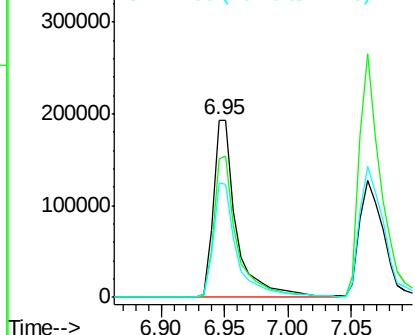
#15
Benzyl Alcohol
Concen: 29.191 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Tgt Ion: 79 Resp: 250287
Ion Ratio Lower Upper
79 100
108 77.9 65.1 97.7
77 64.1 50.6 75.8

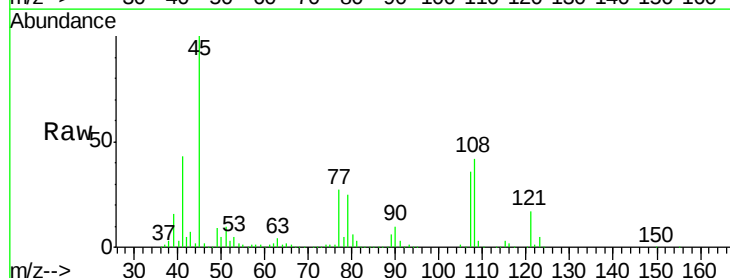


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

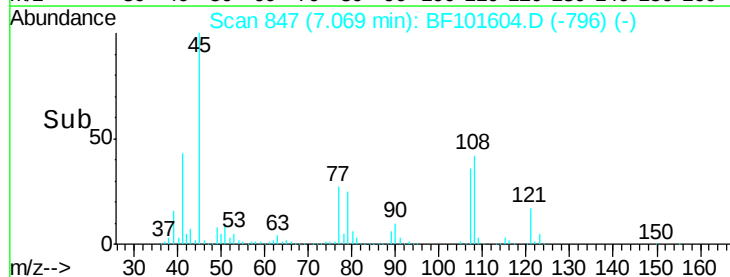
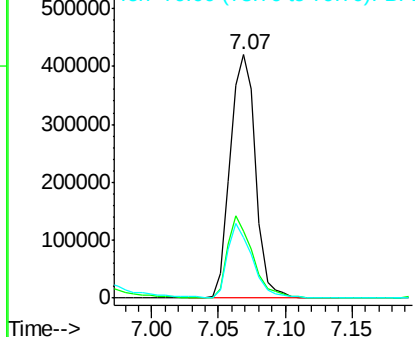


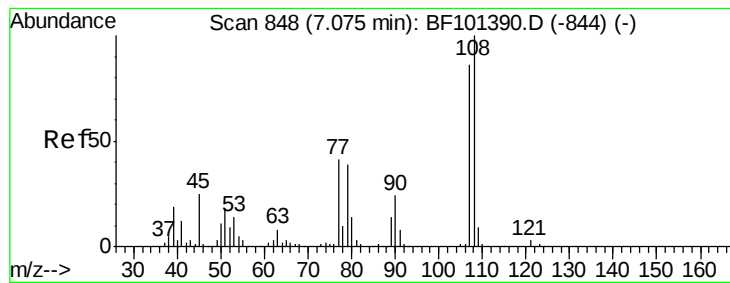
#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.852 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 45 Resp: 559926
Ion Ratio Lower Upper
45 100
77 27.4 0.0 32.9
79 24.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 27.878 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

Tgt Ion:107 Resp: 270007

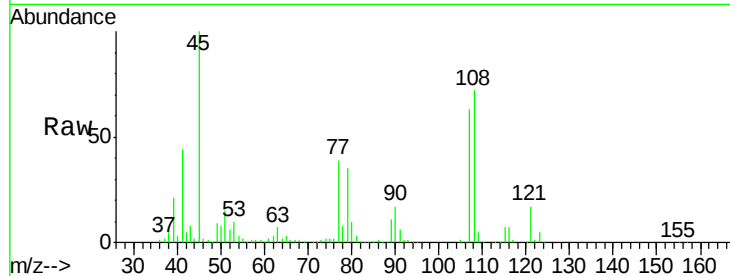
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 61.2 33.8 50.8#

79 55.1 33.8 50.8#



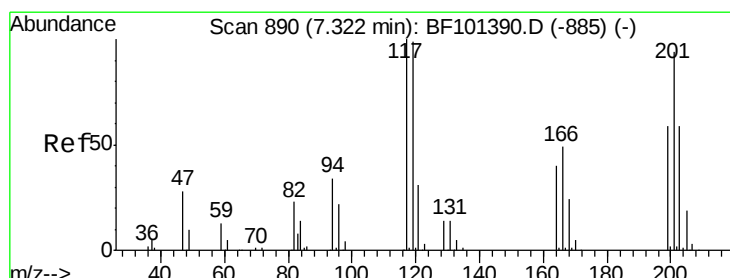
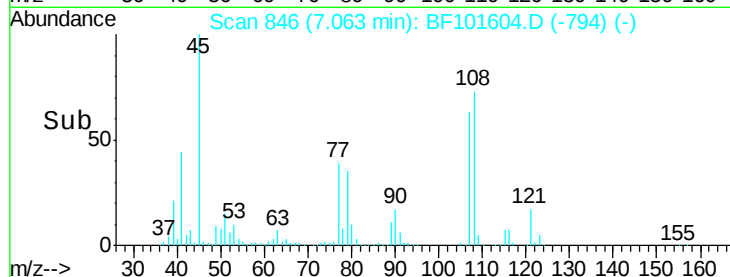
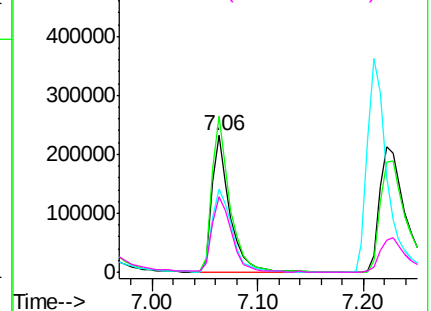
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.299 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

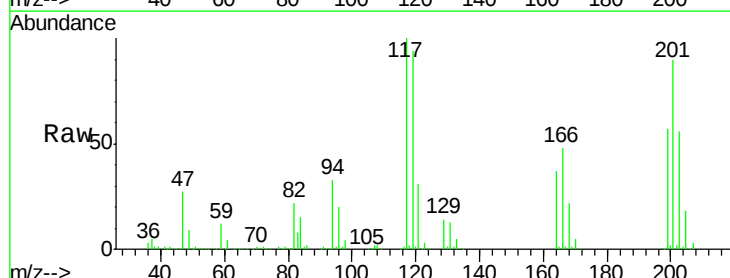
Tgt Ion:117 Resp: 127833

Ion Ratio Lower Upper

117 100

119 94.2 75.8 113.8

201 89.9 75.7 113.5

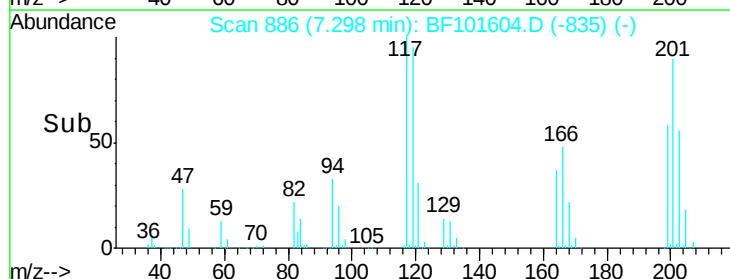
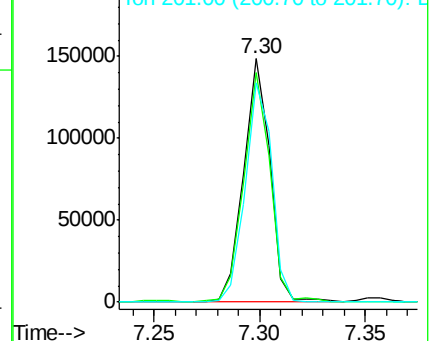


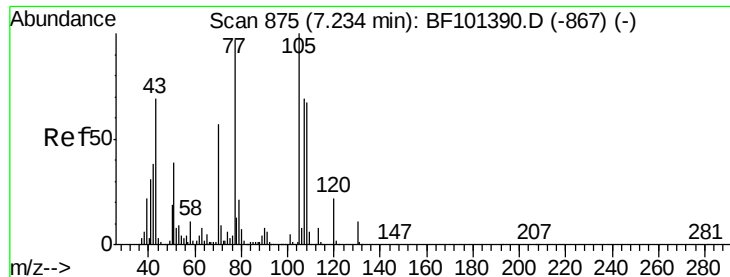
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

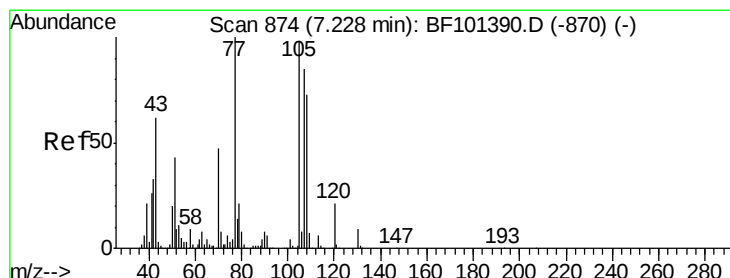
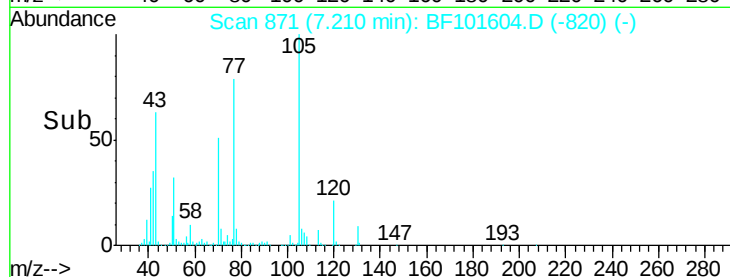
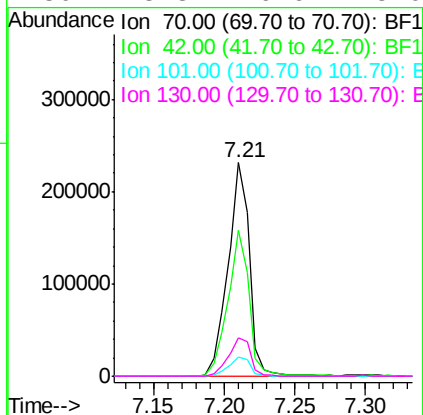
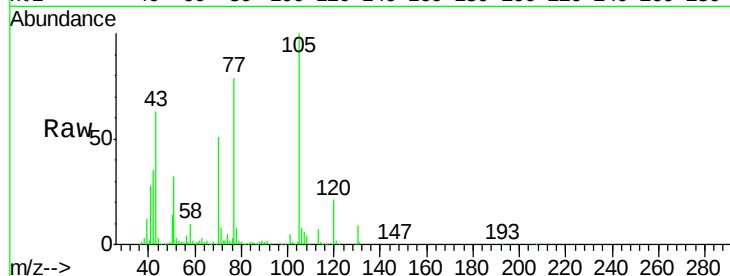




#19
n-Nitroso-di-n-propylamine
Concen: 29.809 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

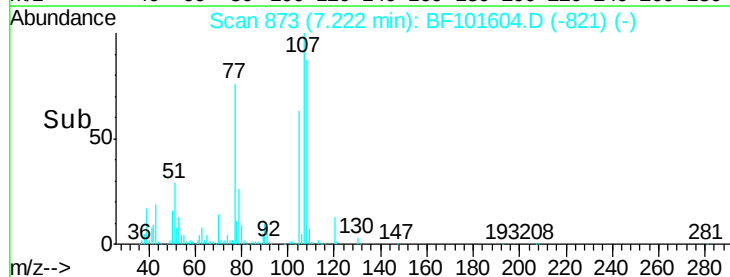
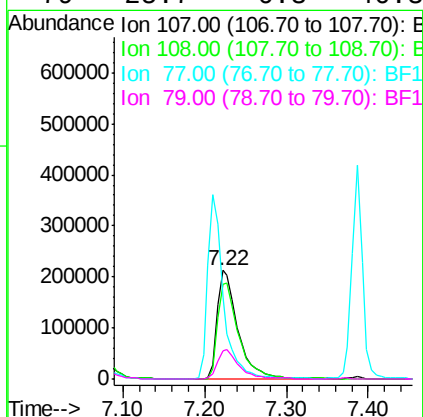
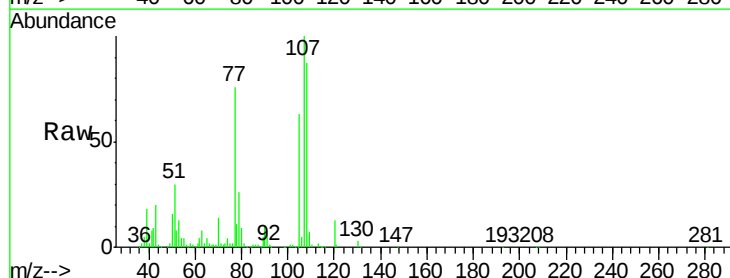
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

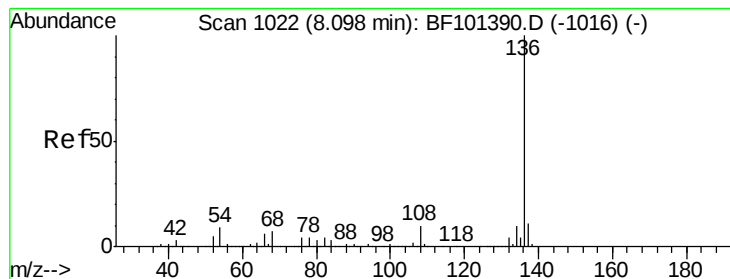
Tgt Ion: 70 Resp: 243858
Ion Ratio Lower Upper
70 100
42 68.2 47.5 71.3
101 9.3 7.4 11.2
130 18.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.493 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 107 Resp: 374532
Ion Ratio Lower Upper
107 100
108 87.2 68.2 108.2
77 75.7 26.7 66.7#
79 25.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

Tgt Ion:136 Resp: 589880

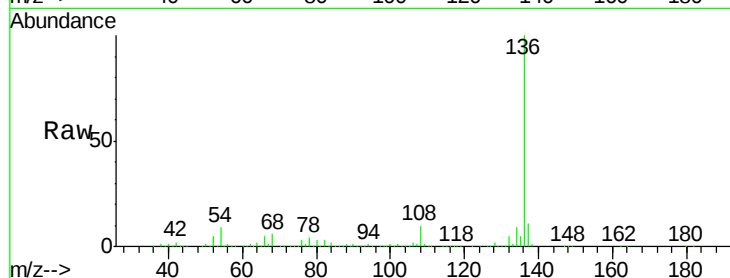
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 6.3 5.0 7.4

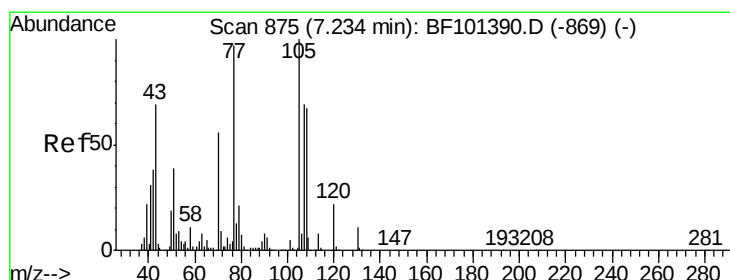
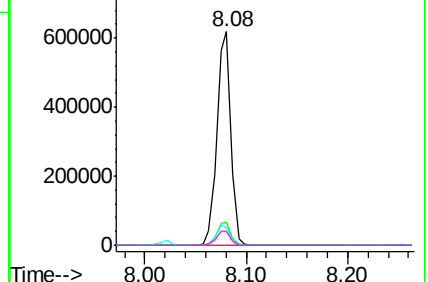
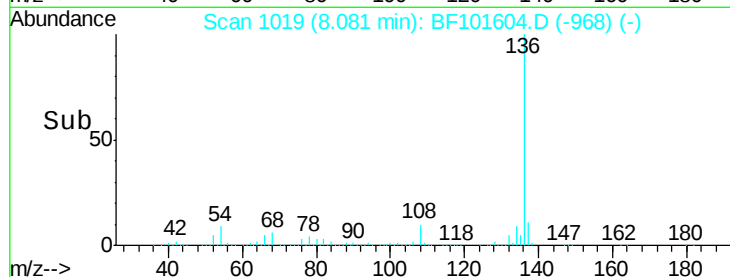


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.266 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Tgt Ion:105 Resp: 474675

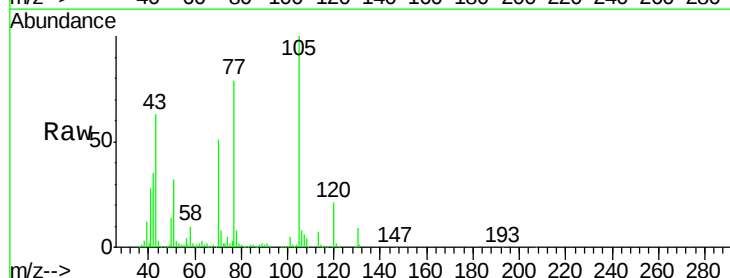
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 31.9 22.3 33.5

120 21.1 16.9 25.3

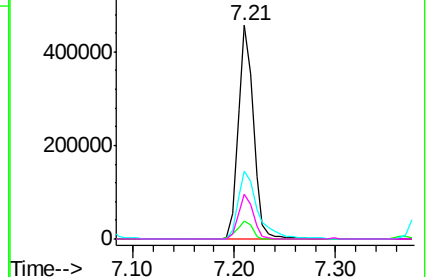
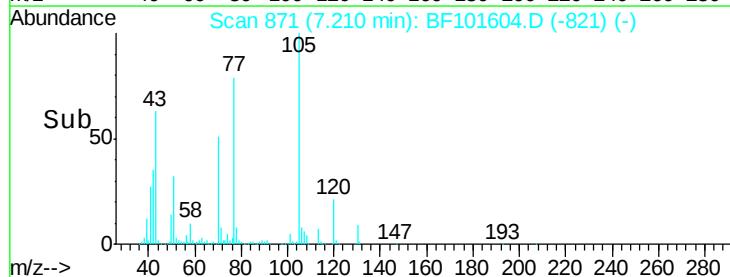


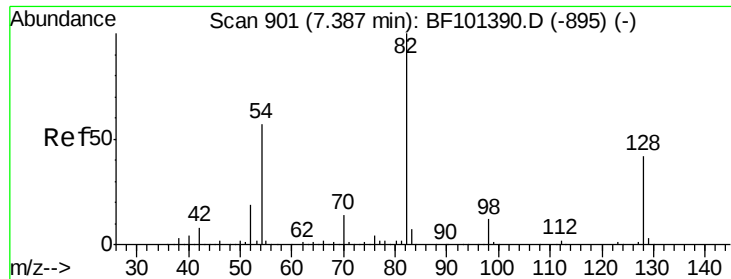
Abundance Ion 105.00 (104.70 to 105.70): E

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

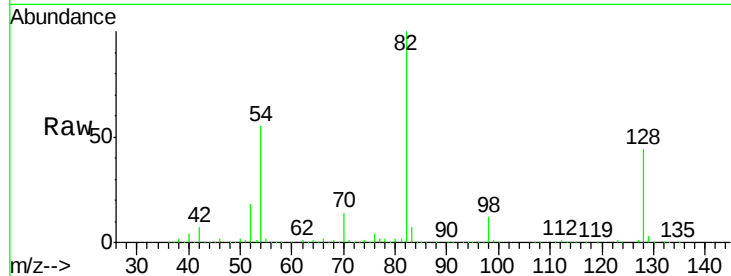




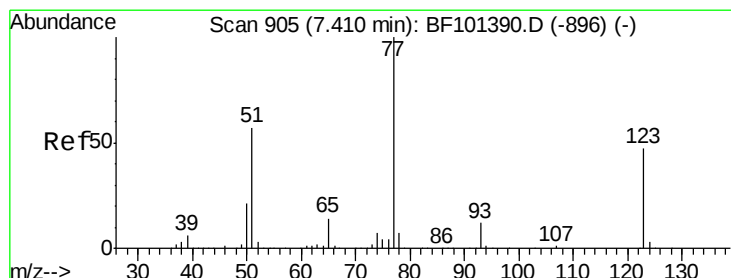
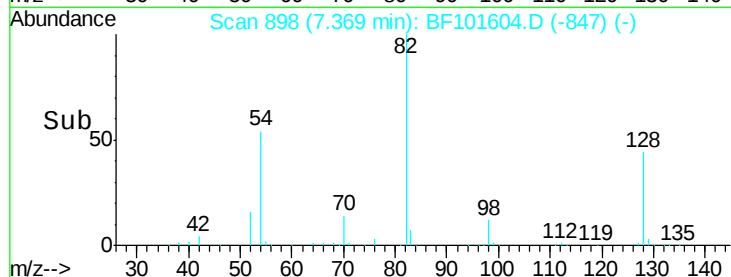
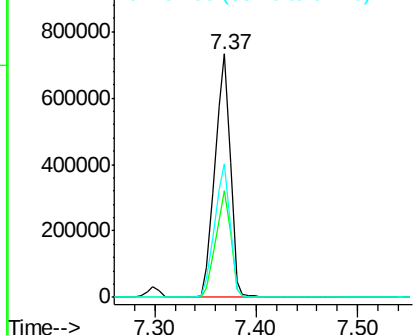
#23
 Nitrobenzene-d5
 Concen: 73.564 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Tgt Ion: 82 Resp: 779540
 Ion Ratio Lower Upper
 82 100
 128 43.9 36.1 54.1
 54 54.9 41.4 62.2

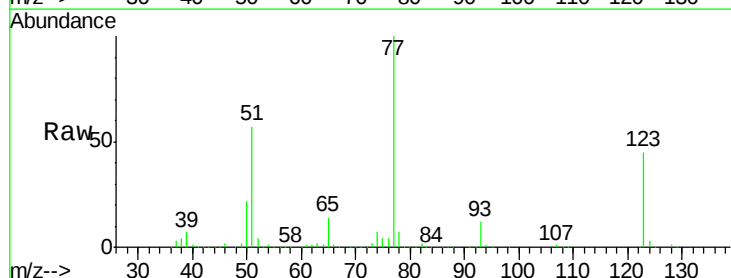


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

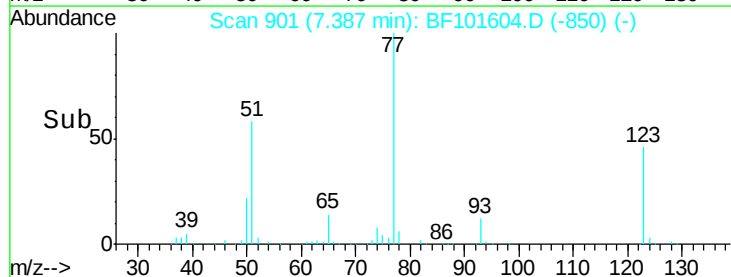
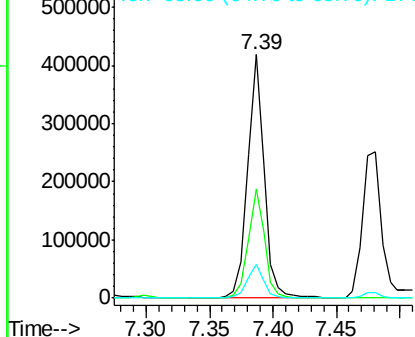


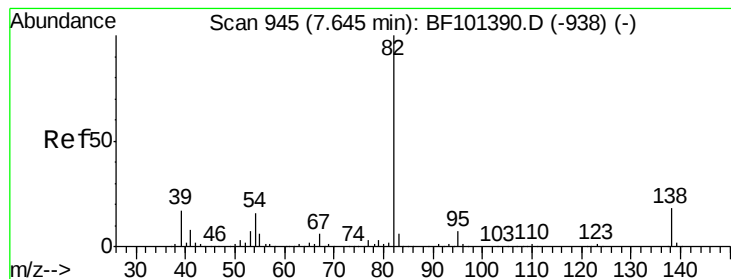
#24
 Nitrobenzene
 Concen: 32.022 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion: 77 Resp: 375549
 Ion Ratio Lower Upper
 77 100
 123 44.9 37.9 56.9
 65 13.8 11.0 16.4



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





#25

Isophorone

Concen: 31.806 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

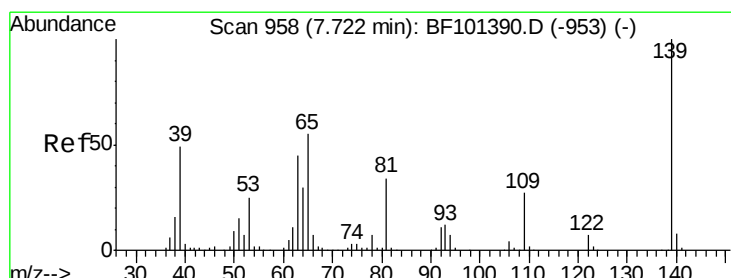
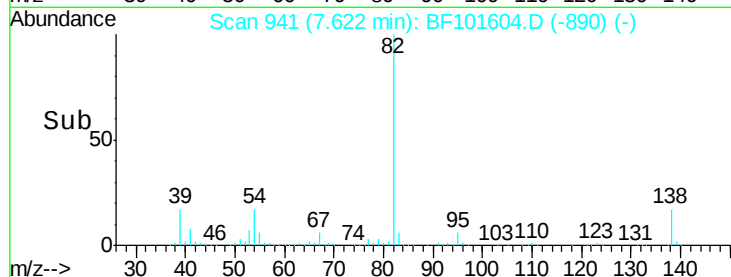
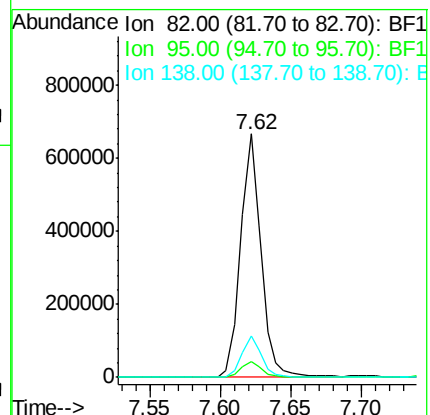
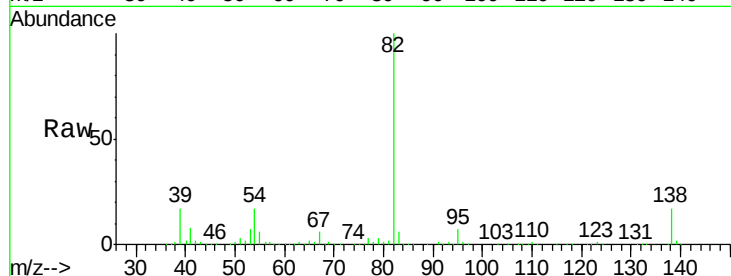
Tgt Ion: 82 Resp: 676126

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.9 14.9 22.3



#26

2-Nitrophenol

Concen: 35.395 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

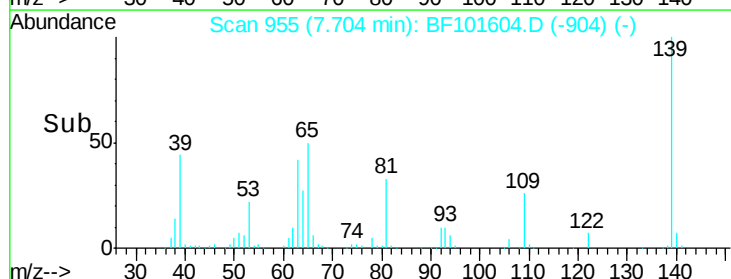
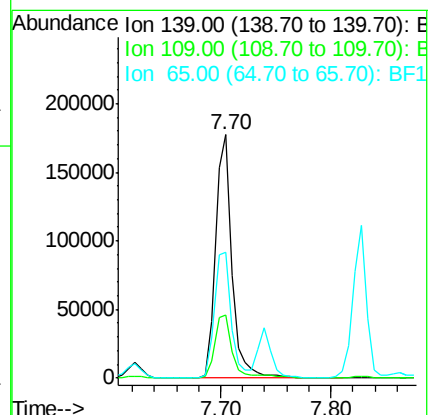
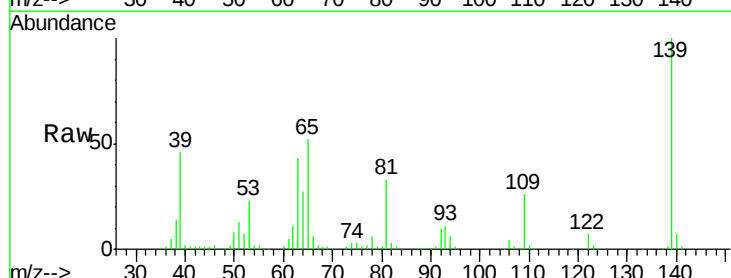
Tgt Ion: 139 Resp: 178339

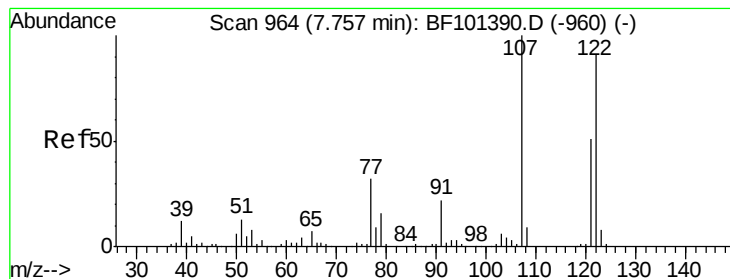
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 51.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 34.251 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

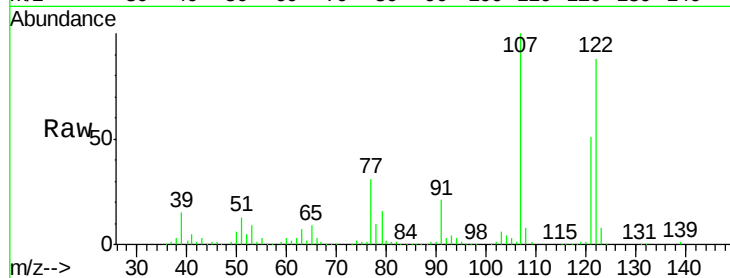
Tgt Ion:122 Resp: 293187

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

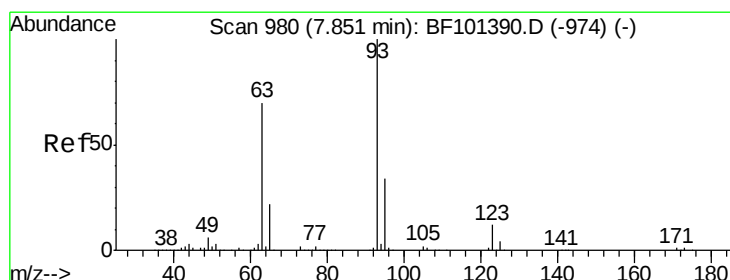
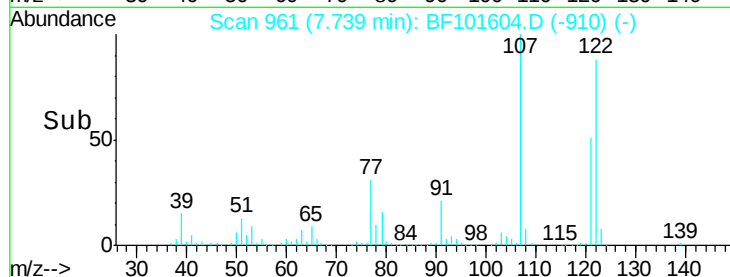
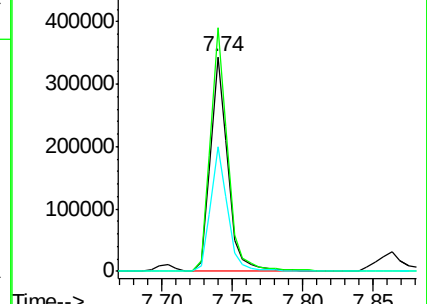
121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.181 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

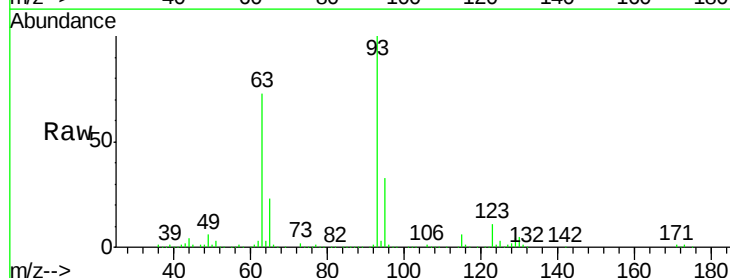
Tgt Ion: 93 Resp: 421056

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

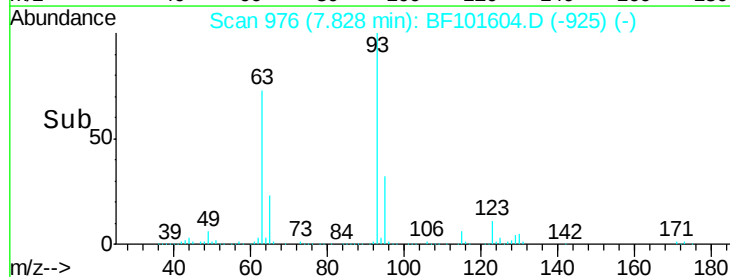
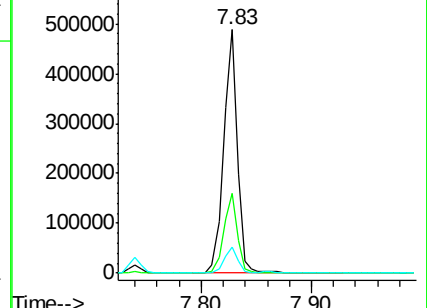
123 10.8 9.8 14.6

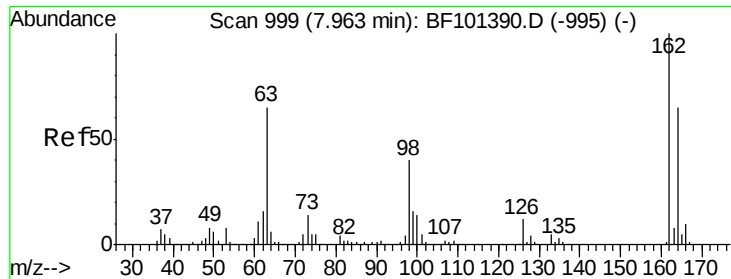


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

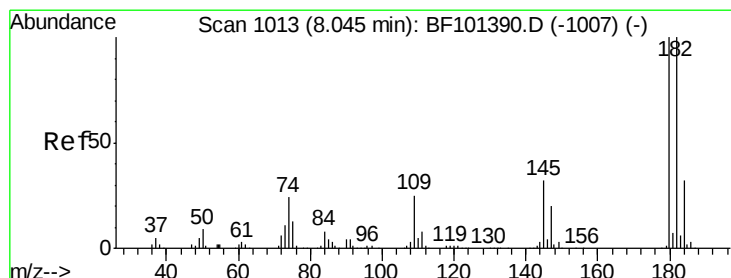
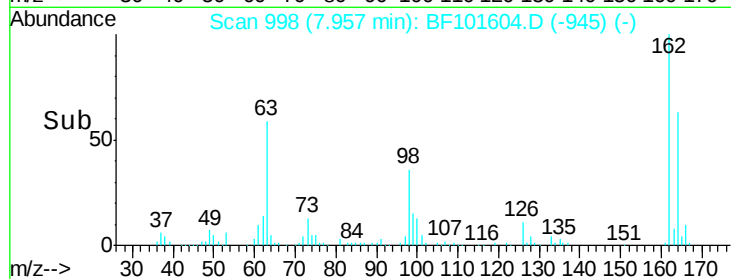
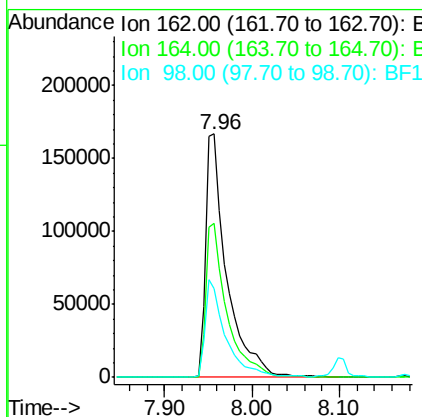
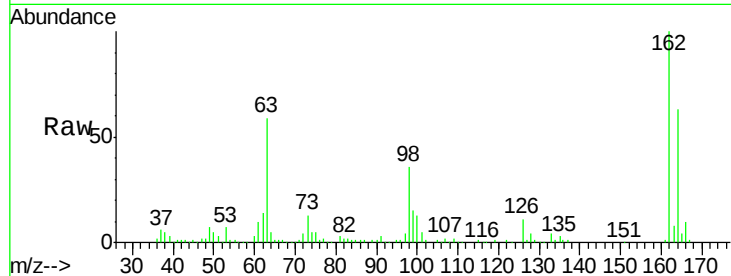




#29
 2,4-Dichlorophenol
 Concen: 33.008 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

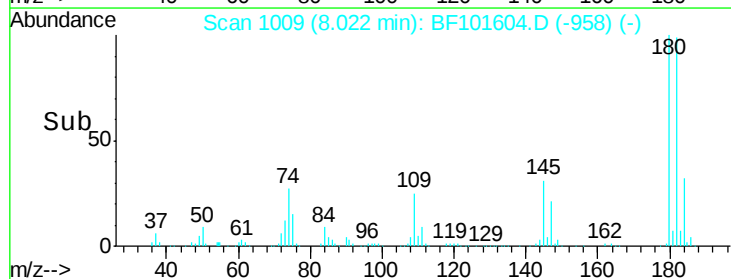
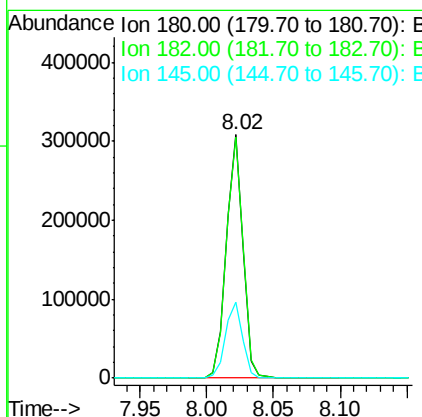
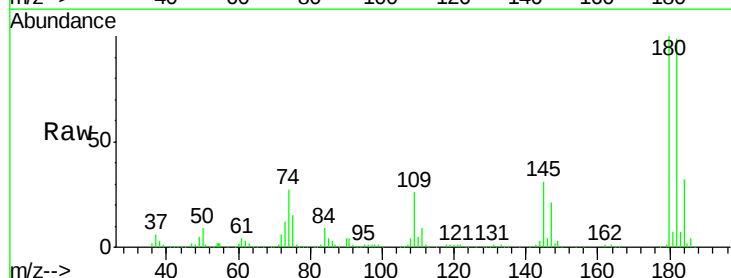
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

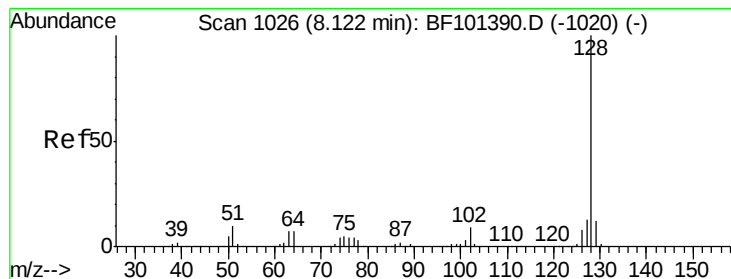
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	36.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.496 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	31.3	26.5	39.7





#31

Naphthalene

Concen: 32.633 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

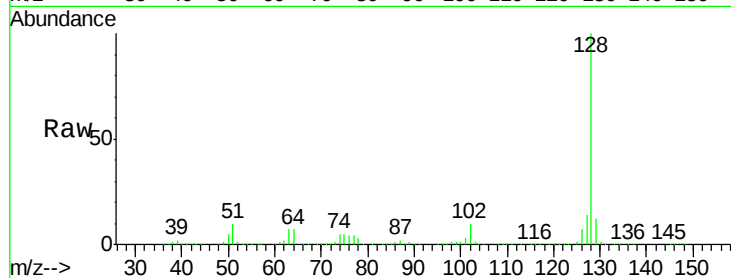
Tgt Ion:128 Resp: 969082

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

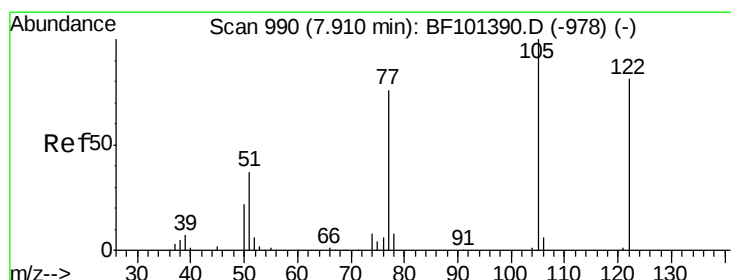
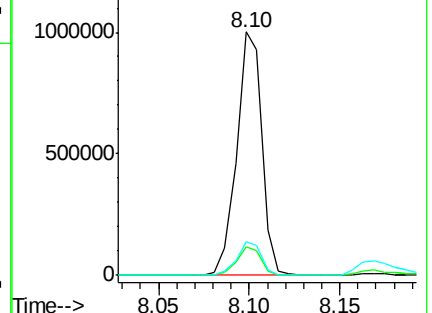
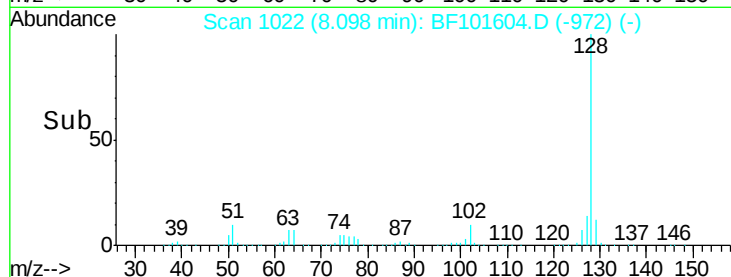
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.458 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

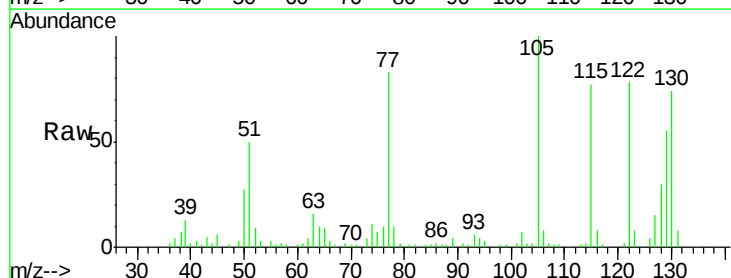
Tgt Ion:122 Resp: 51837

Ion Ratio Lower Upper

122 100

105 128.5 101.1 141.1

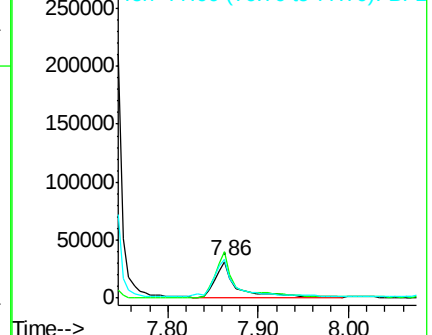
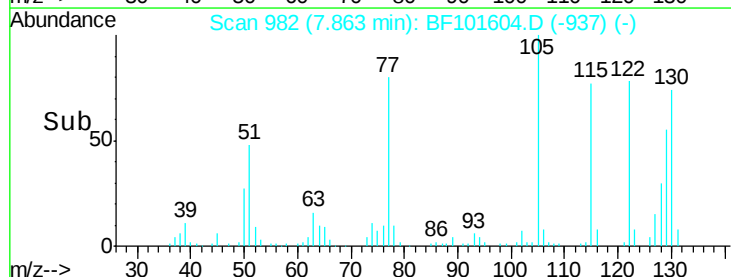
77 106.2 70.7 110.7

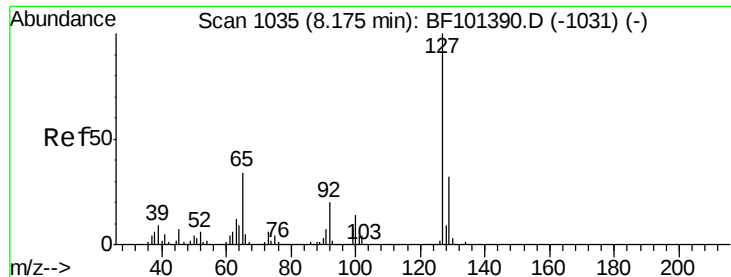


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

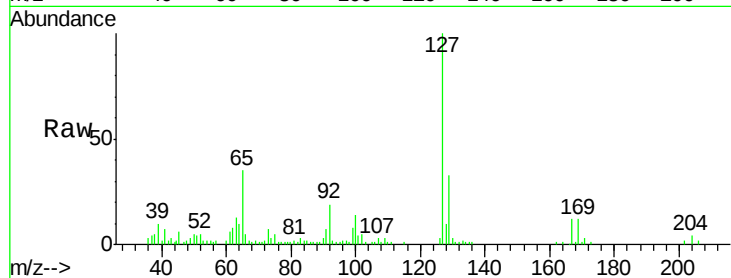




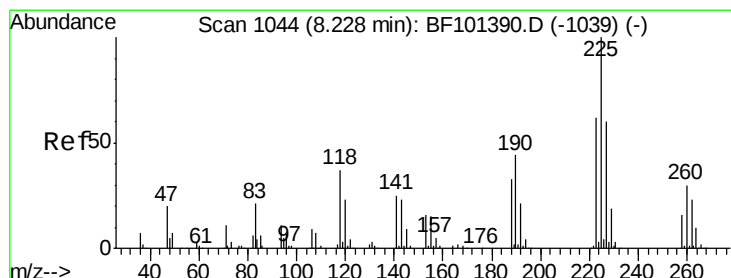
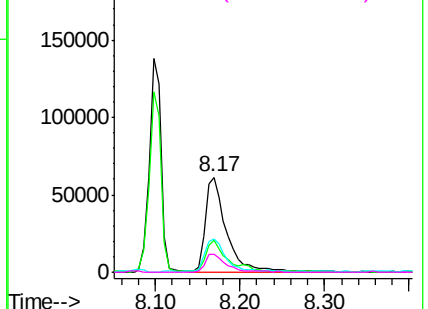
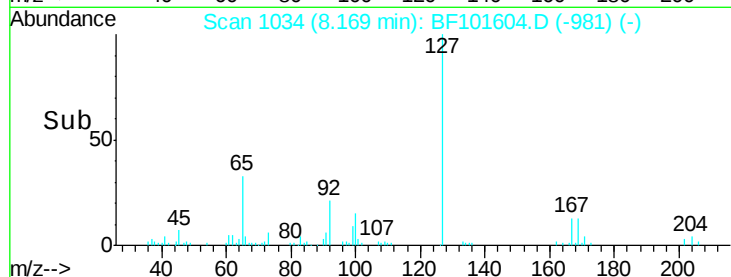
#33
 4-Chloroaniline
 Concen: 8.384 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Tgt Ion:	127	Resp:	108209
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	35.1	25.0	37.4
92	18.6	15.2	22.8

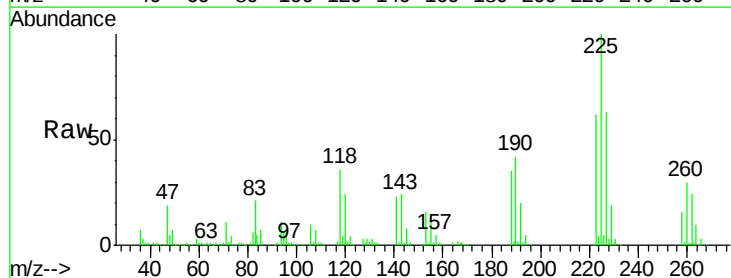


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

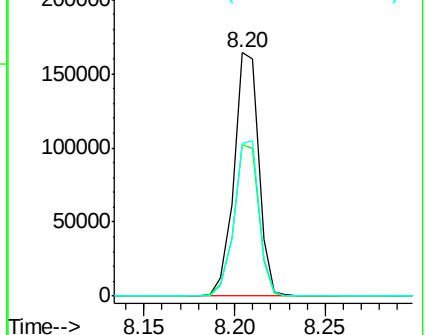
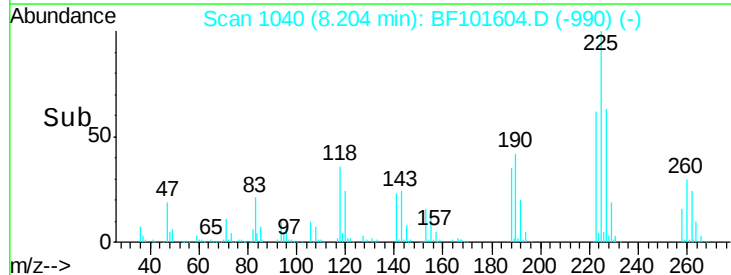


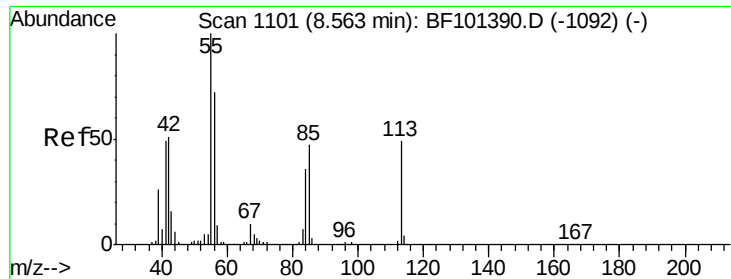
#34
 Hexachlorobutadiene
 Concen: 30.323 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion:	225	Resp:	156515
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	62.6	51.9	77.9



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

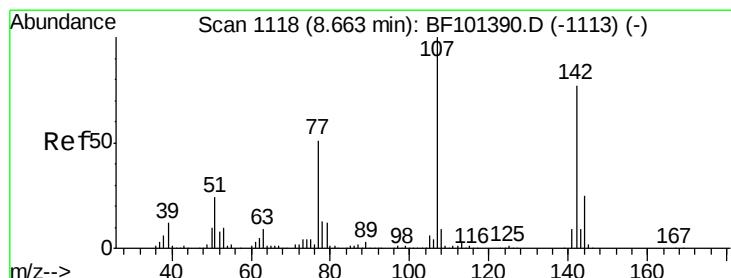
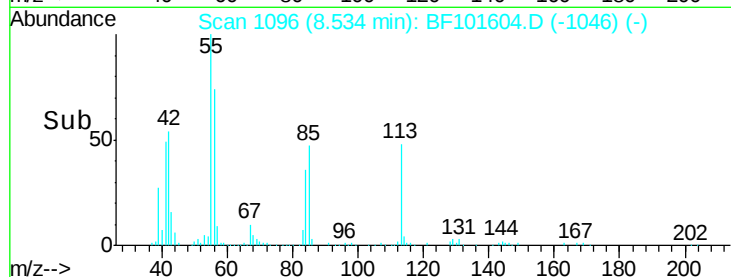
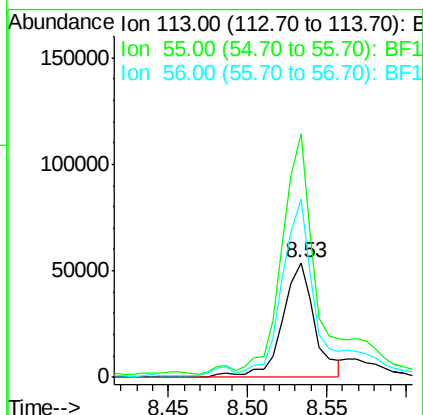
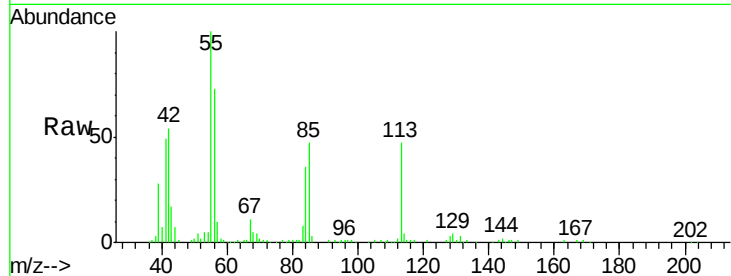




#35
 Caprolactam
 Concen: 25.861 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

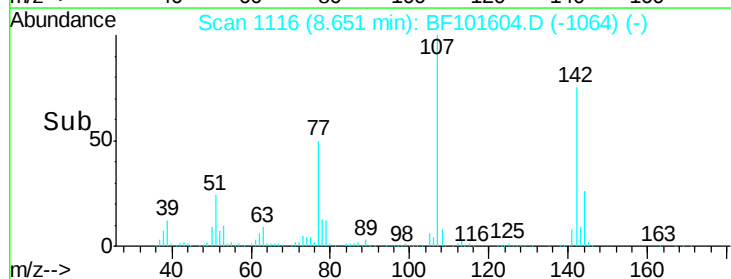
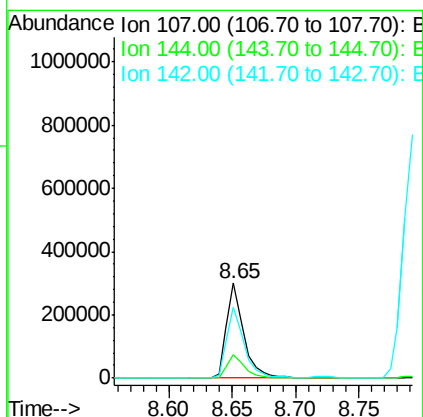
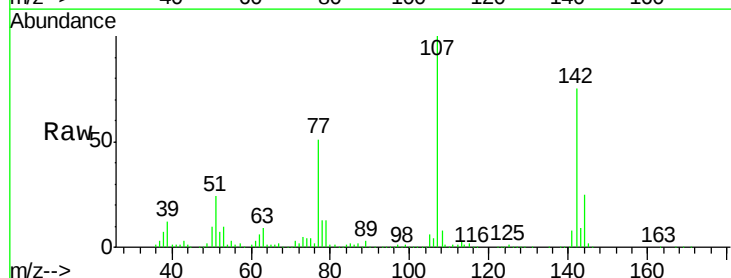
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

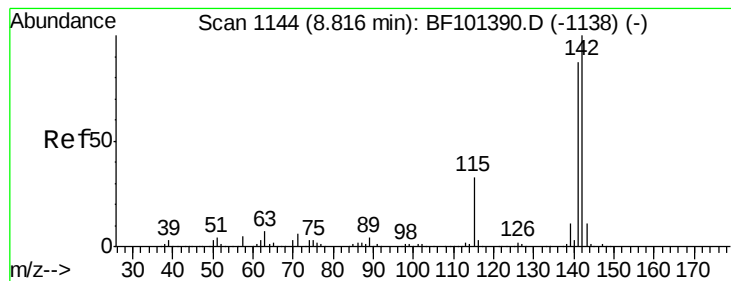
Tgt Ion:113 Resp: 75940
 Ion Ratio Lower Upper
 113 100
 55 211.9 163.3 203.3#
 56 155.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 30.354 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion:107 Resp: 282136
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 75.3 62.0 93.0

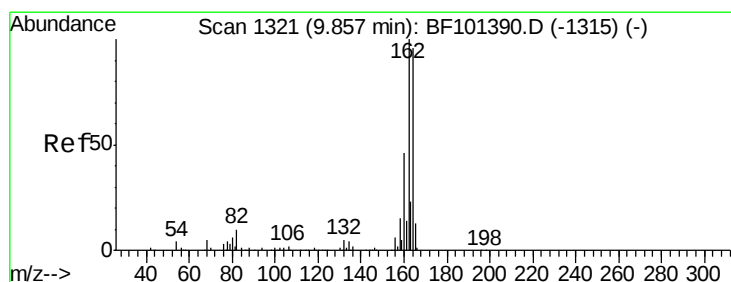
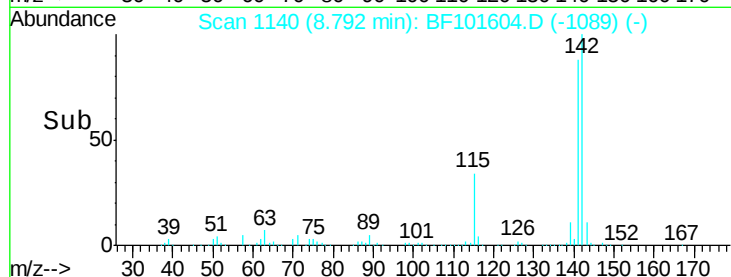
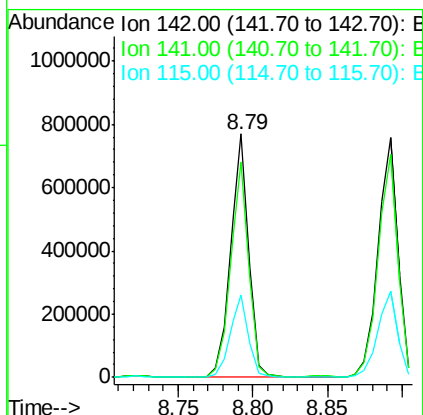
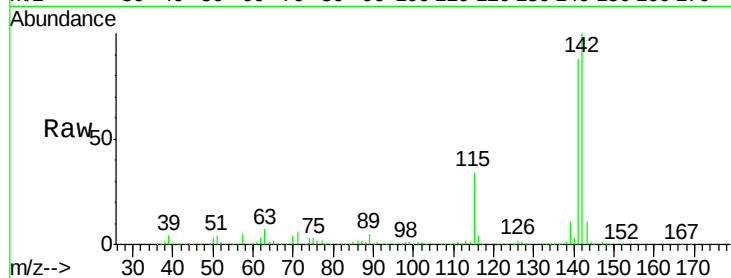




#37
2-Methylnaphthalene
Concen: 34.077 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

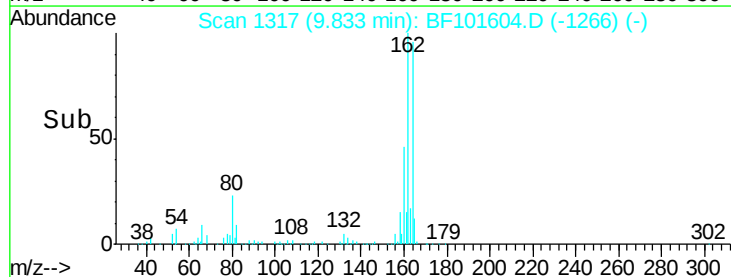
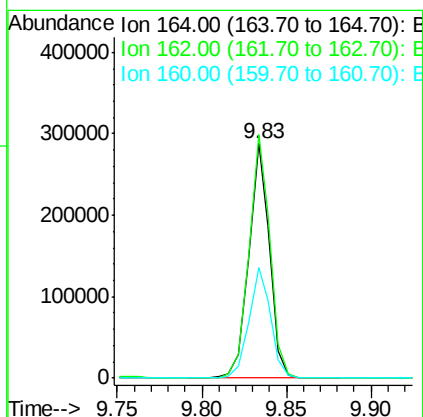
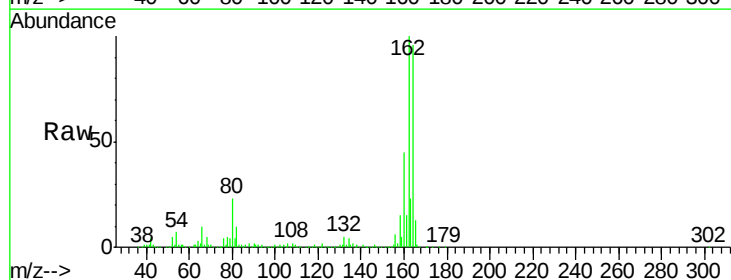
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

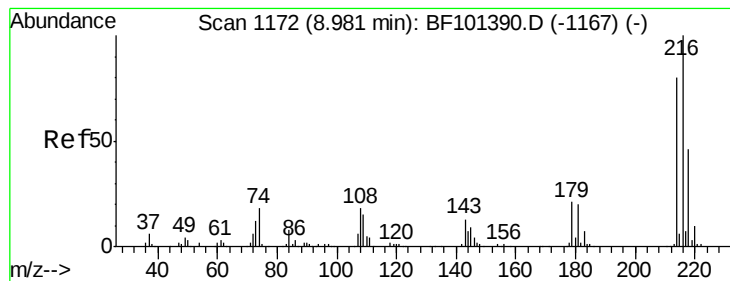
Tgt Ion:142 Resp: 659318
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 33.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:164 Resp: 247232
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 47.1 38.3 57.5

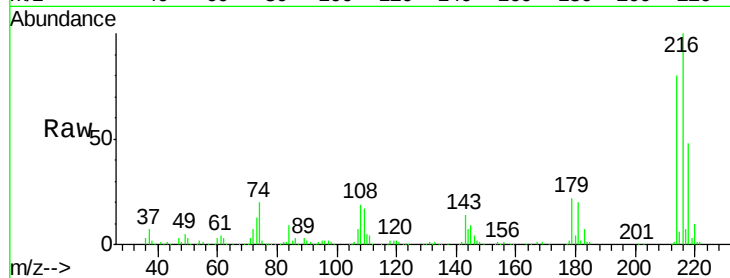




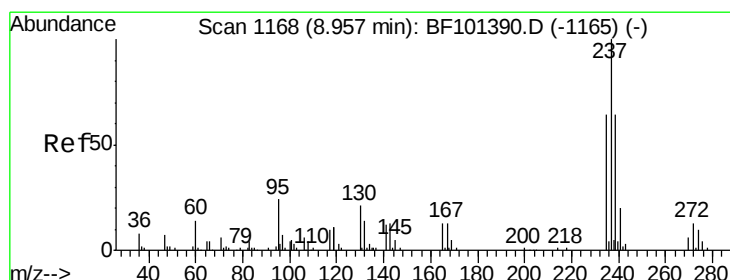
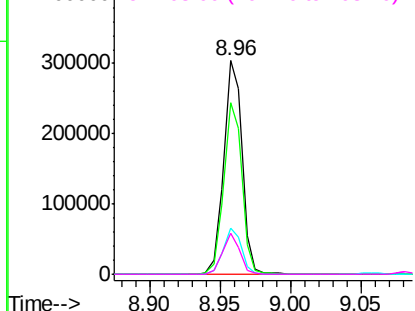
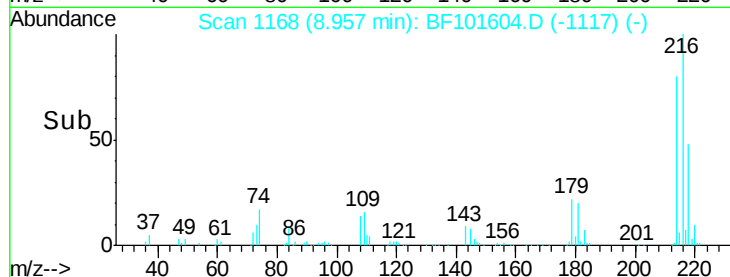
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.000 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Tgt Ion:	216	Resp:	275454
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.3	18.1	27.1
108	18.3	17.2	25.8

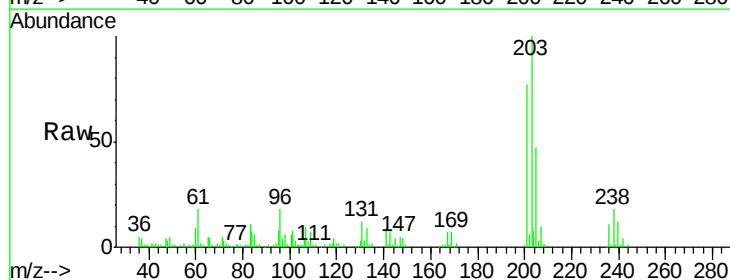


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

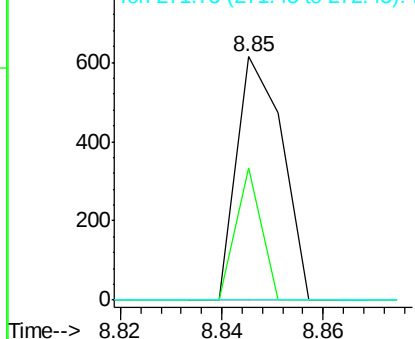
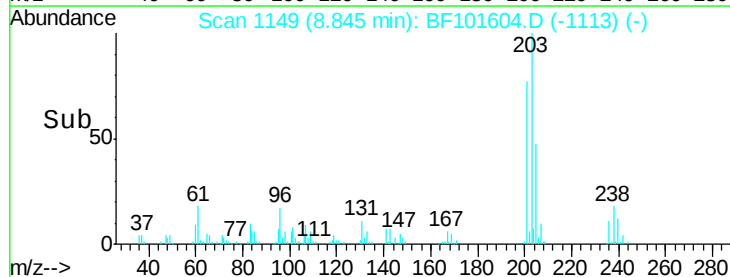


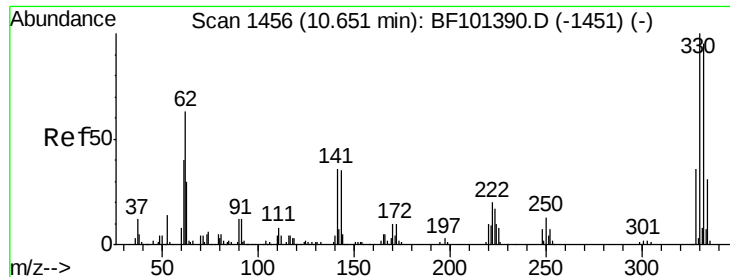
#40
 Hexachlorocyclopentadiene
 Concen: 11.616 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.09 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion:	237	Resp:	383
Ion	Ratio	Lower	Upper
237	100		
235	54.2	44.8	84.8
272	0.0	0.0	33.3



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

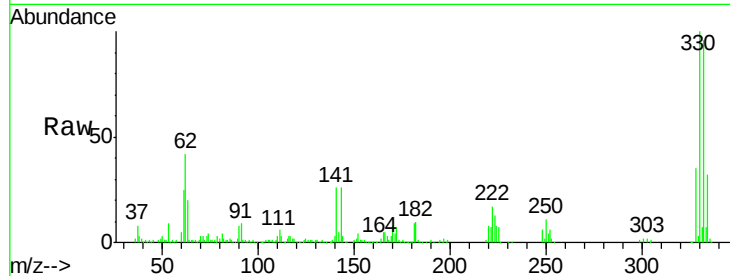




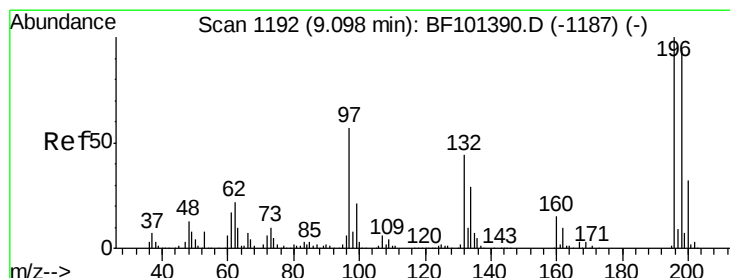
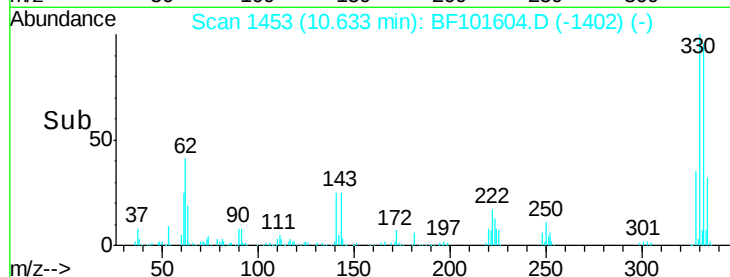
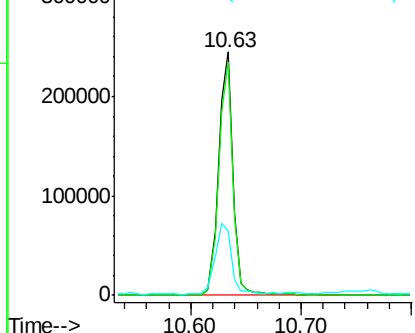
#41
 2,4,6-Tribromophenol
 Concen: 93.405 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.2	29.9	44.9

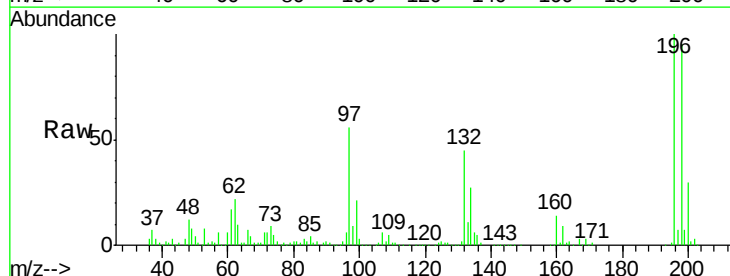


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

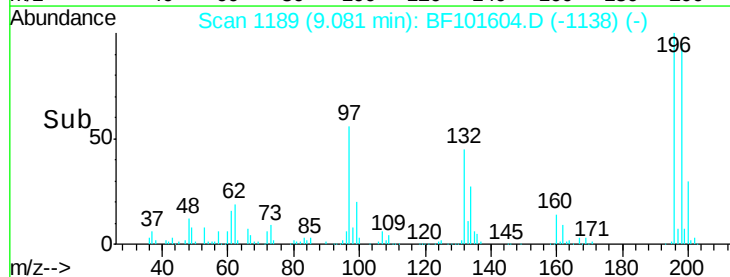
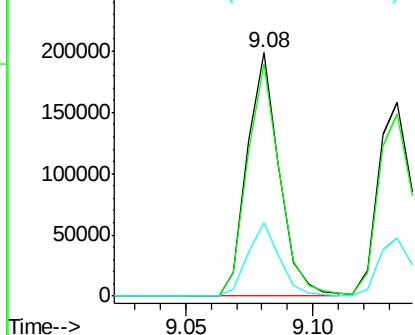


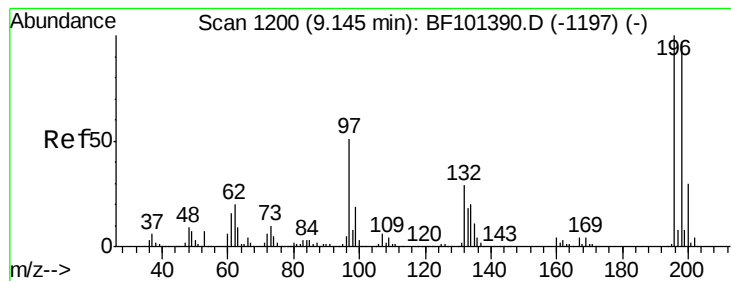
#42
 2,4,6-Trichlorophenol
 Concen: 34.976 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.2	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: 31.235 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

Tgt Ion:196 Resp: 171867

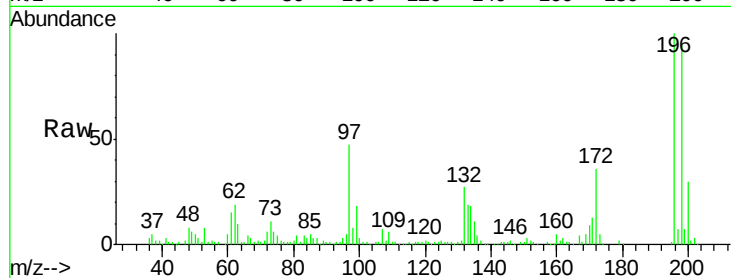
Ion Ratio Lower Upper

196 100

198 94.3 74.6 112.0

97 47.4 42.9 64.3

132 27.3 26.3 39.5

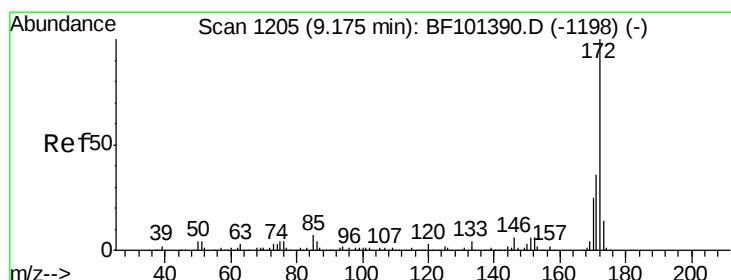
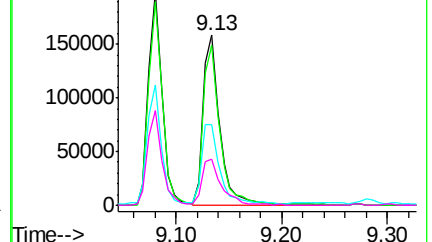
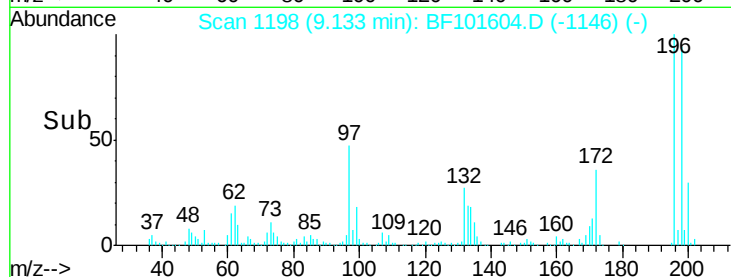


Abundance Ion 196.00 (195.70 to 196.70): E

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: 74.928 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

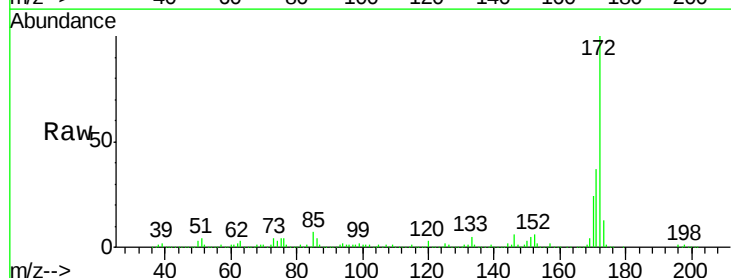
Tgt Ion:172 Resp: 1194181

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

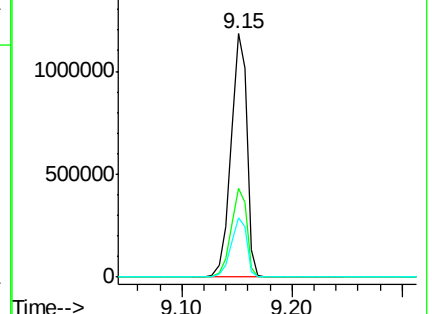
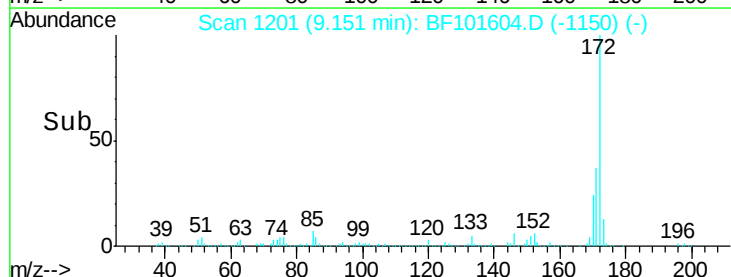
170 24.2 19.6 29.4

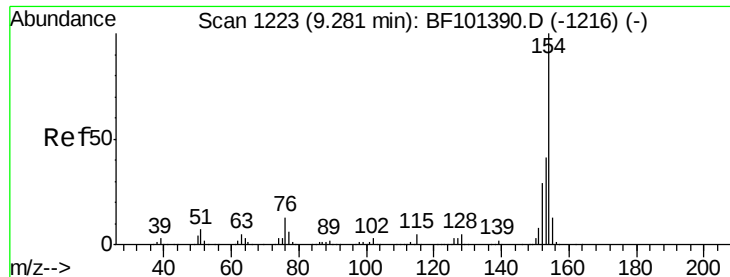


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

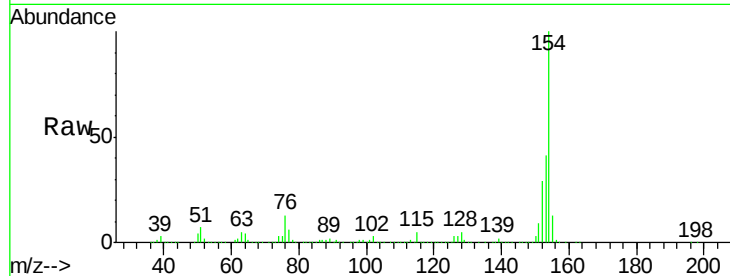




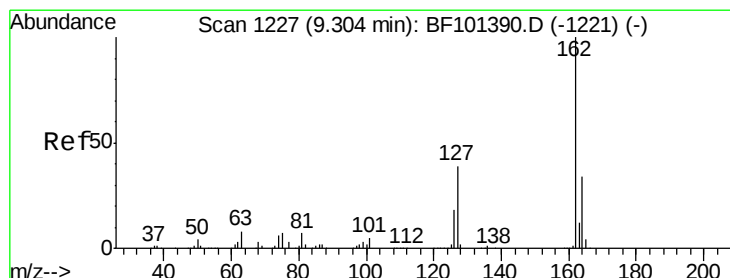
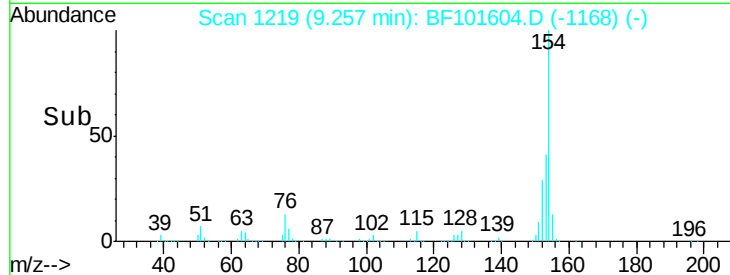
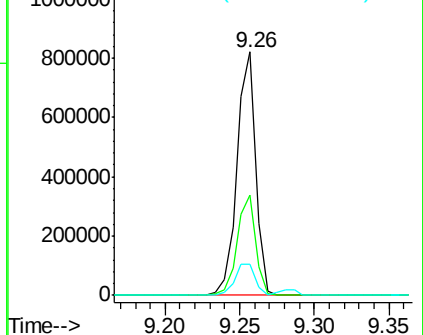
#45
 1,1'-Biphenyl
 Concen: 33.106 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

Tgt Ion:154 Resp: 725874
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 12.9 0.0 34.0

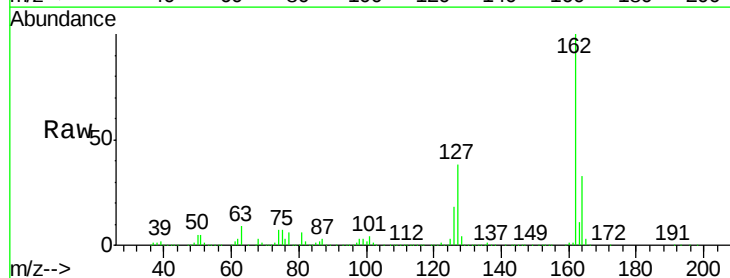


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

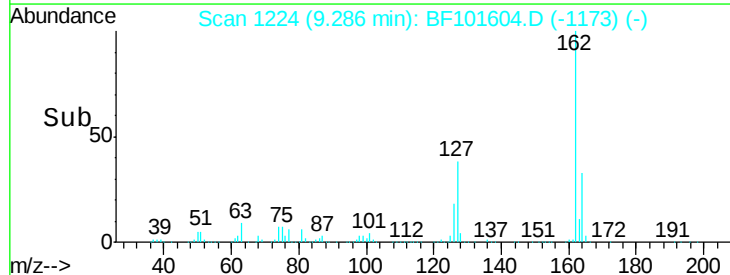
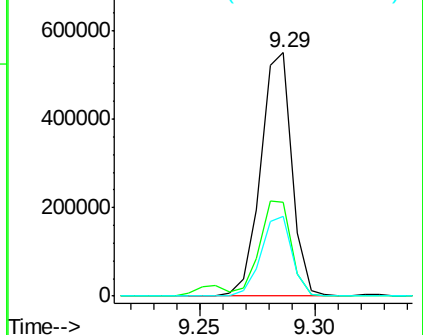


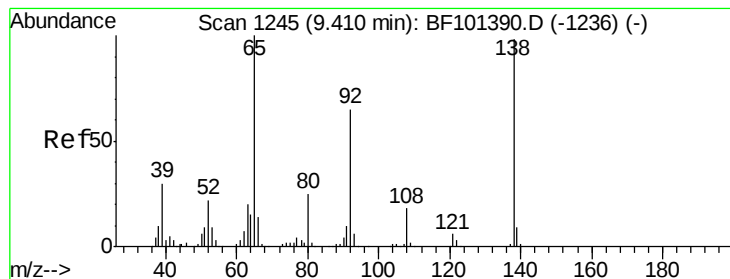
#46
 2-Chloronaphthalene
 Concen: 30.983 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion:162 Resp: 519788
 Ion Ratio Lower Upper
 162 100
 127 38.4 33.9 50.9
 164 33.0 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: 32.896 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

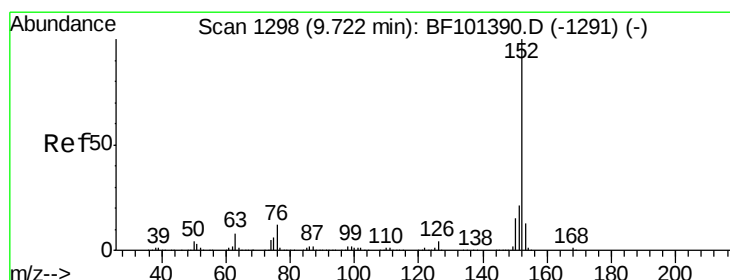
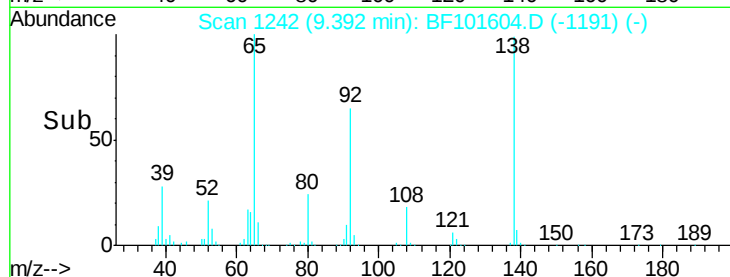
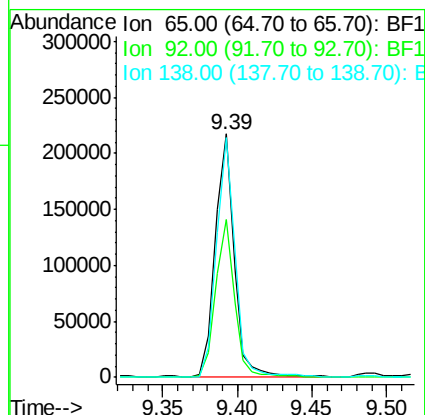
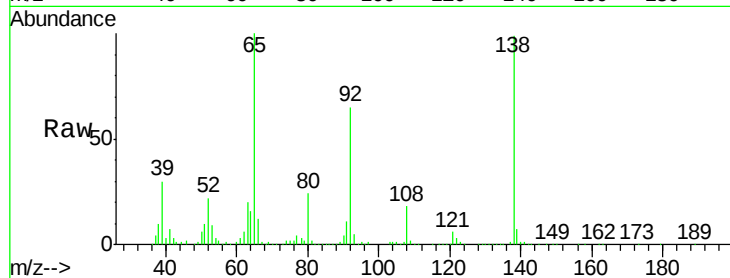
Tgt Ion: 65 Resp: 190652

Ion Ratio Lower Upper

65 100

92 64.9 55.8 83.6

138 98.7 91.2 136.8



#48

Acenaphthylene

Concen: 33.632 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

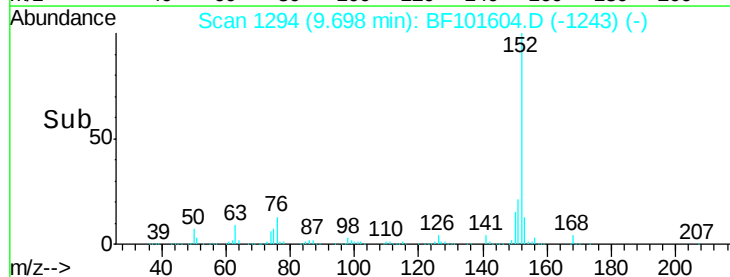
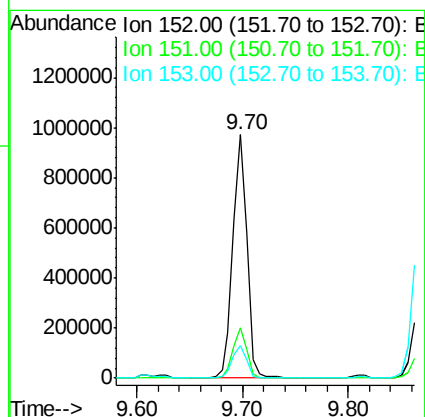
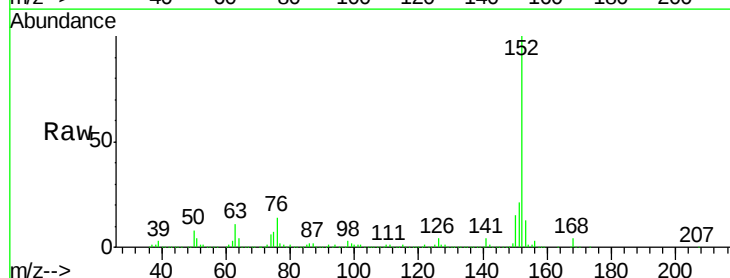
Tgt Ion: 152 Resp: 891192

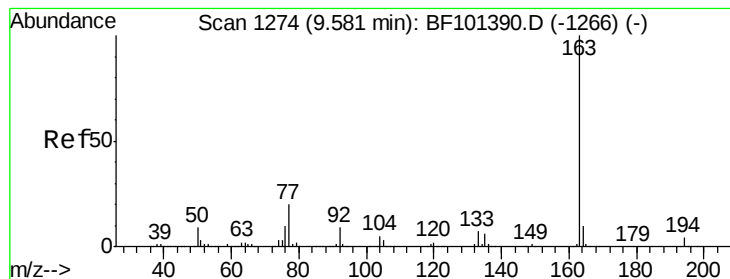
Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 34.164 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

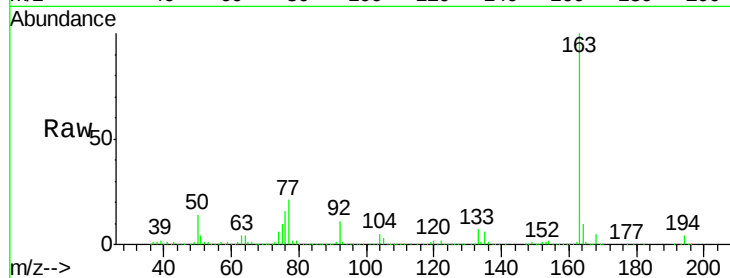
Tgt Ion:163 Resp: 679398

Ion Ratio Lower Upper

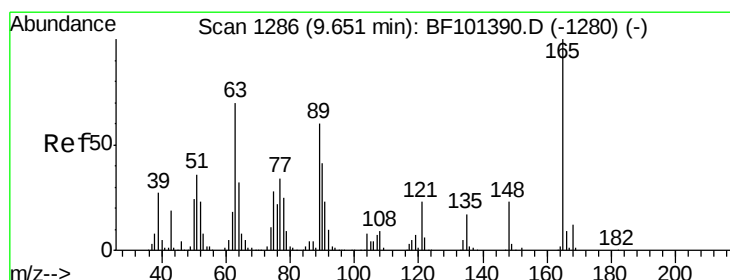
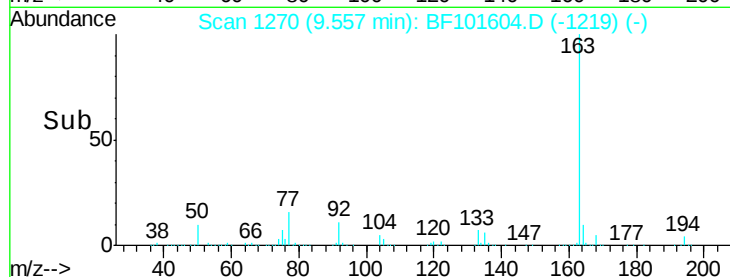
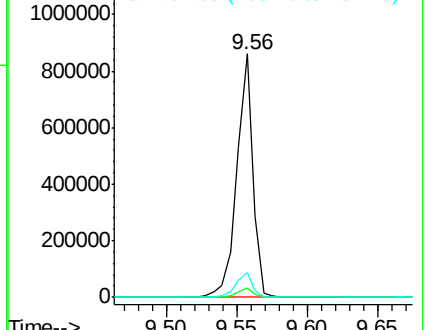
163 100

194 3.8 2.7 4.1

164 10.3 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: 31.303 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

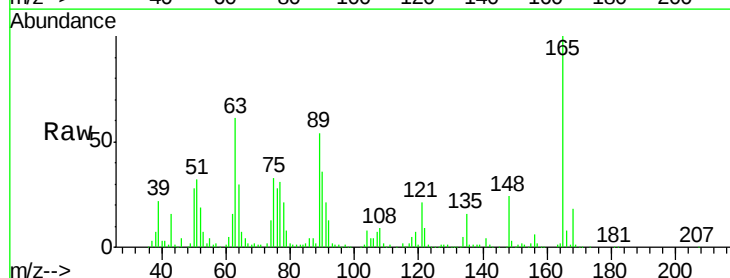
Tgt Ion:165 Resp: 126518

Ion Ratio Lower Upper

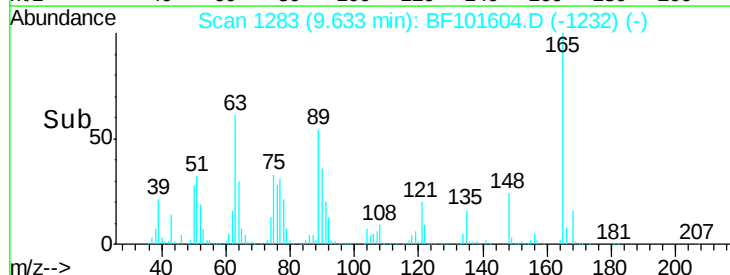
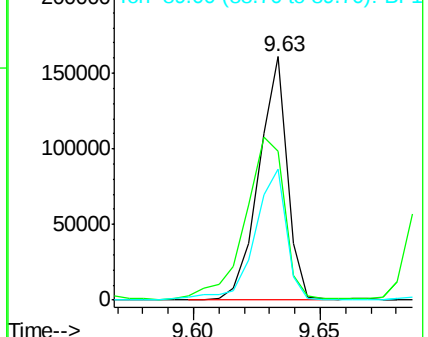
165 100

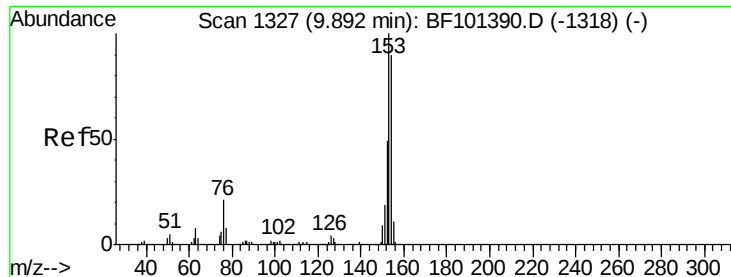
63 61.3 44.7 67.1

89 53.7 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: 34.187 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

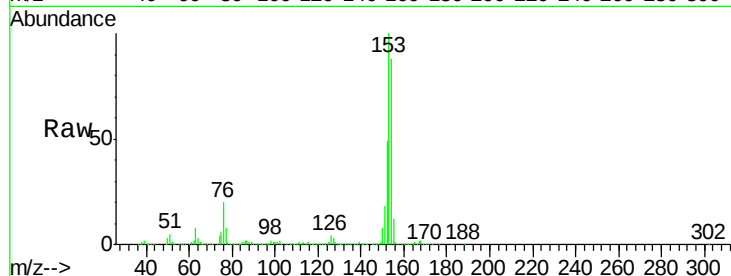
Tgt Ion:154 Resp: 544264

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

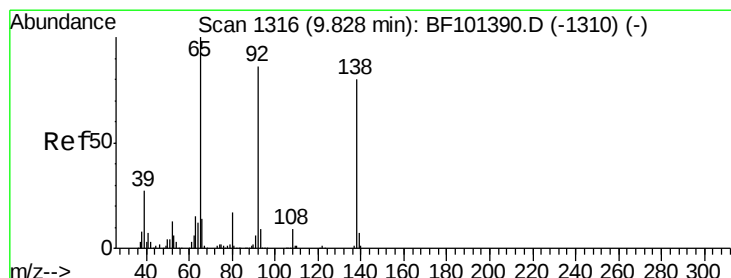
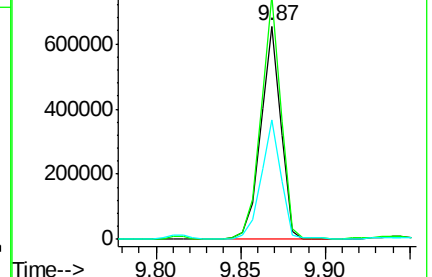
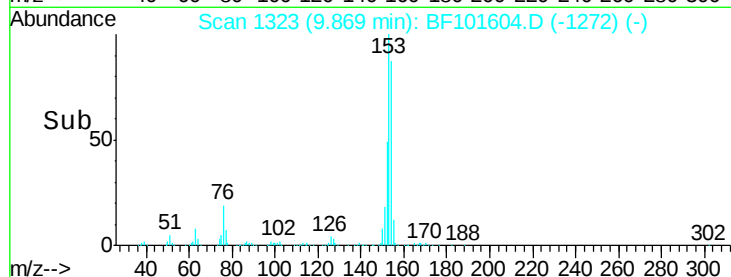
152 55.8 43.8 65.8



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: 19.139 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

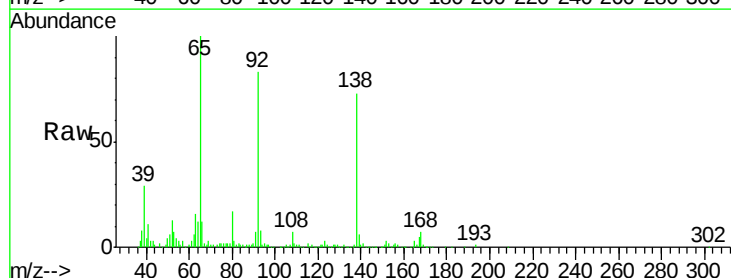
Tgt Ion:138 Resp: 96441

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

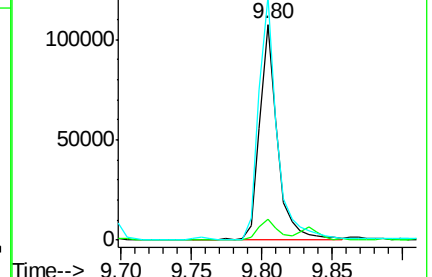
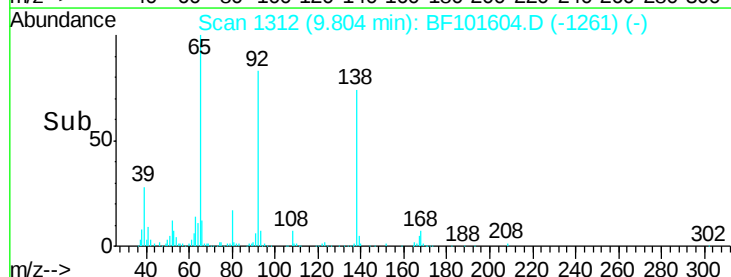
92 112.8 89.4 134.2

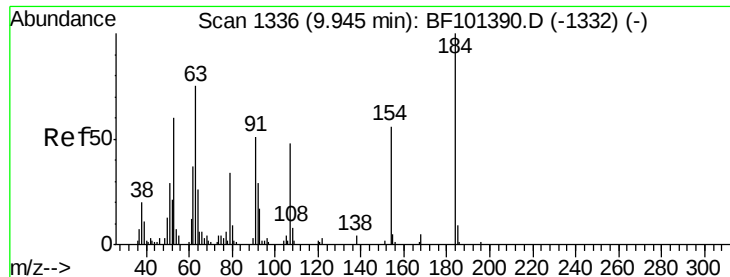


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

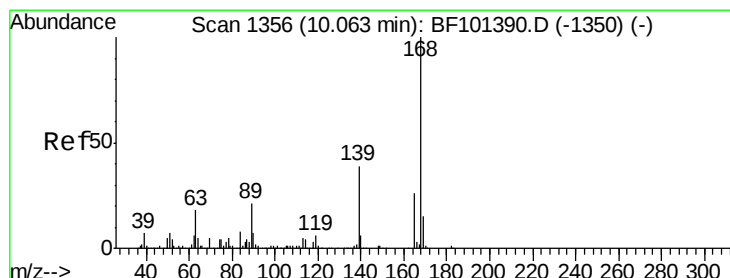
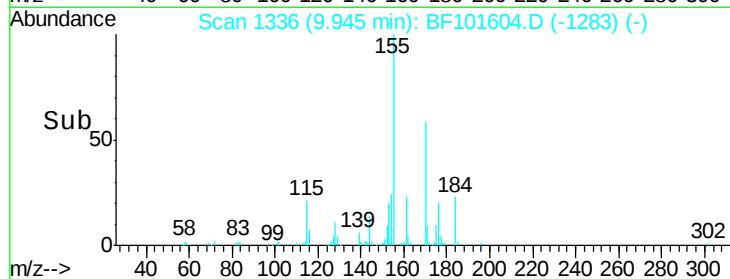
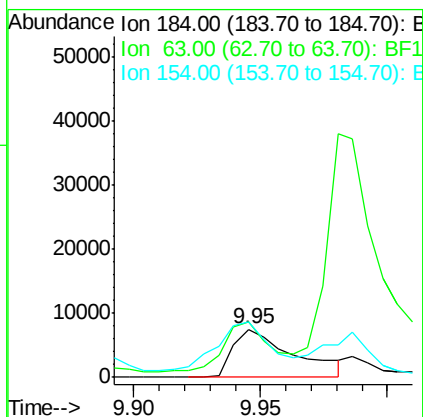
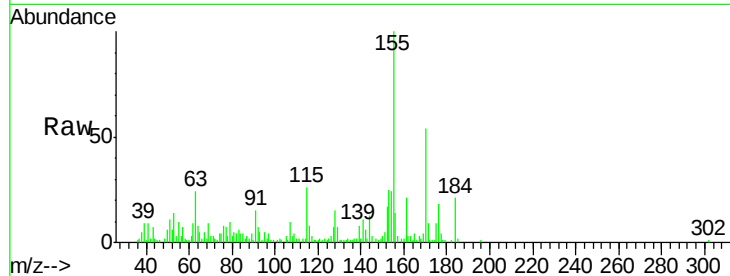




#53
2,4-Dinitrophenol
Concen: 17.998 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

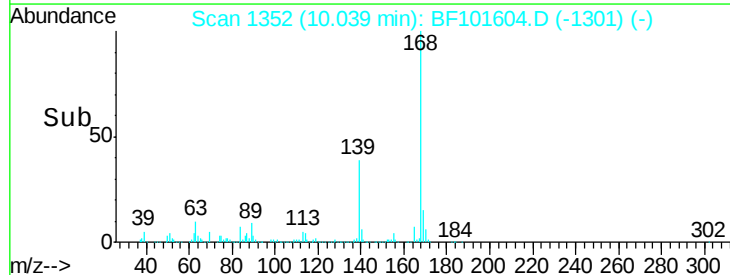
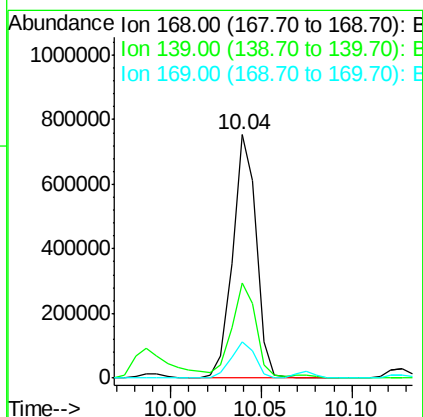
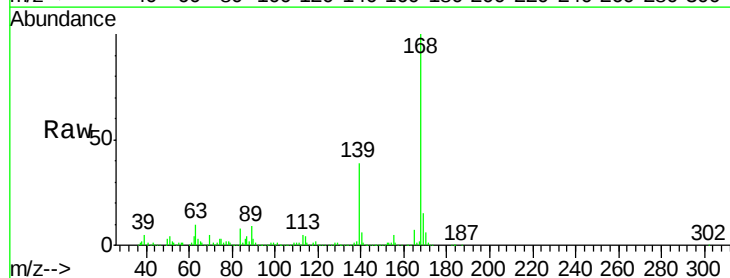
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

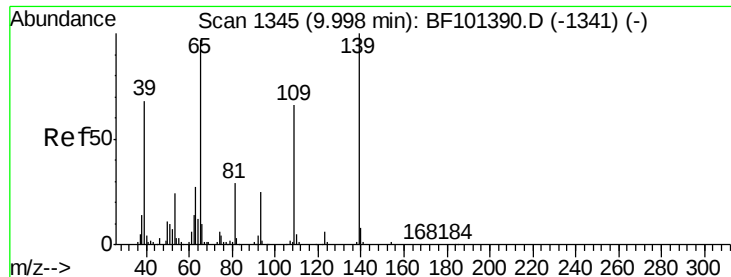
Tgt Ion:184 Resp: 12409
Ion Ratio Lower Upper
184 100
63 114.3 54.2 81.2#
154 114.5 184.0 276.0#



#54
Dibenzofuran
Concen: 33.520 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:168 Resp: 678174
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1
169 15.1 10.9 16.3





#55

4-Nitrophenol

Concen: 60.859 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

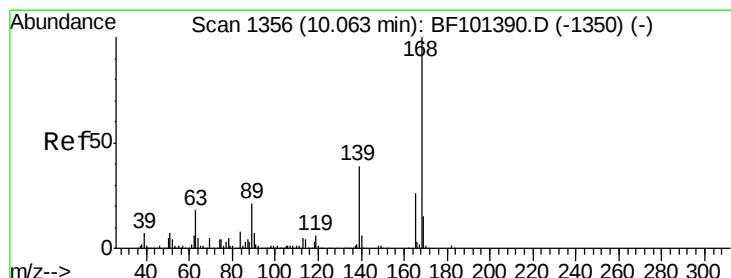
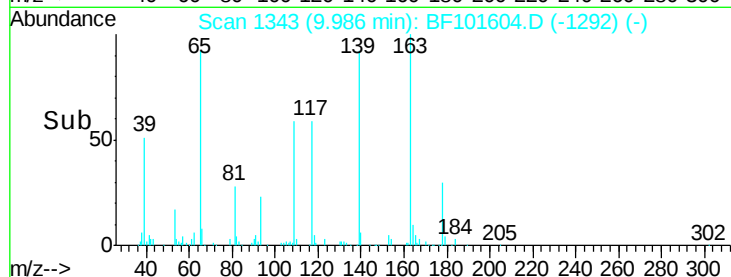
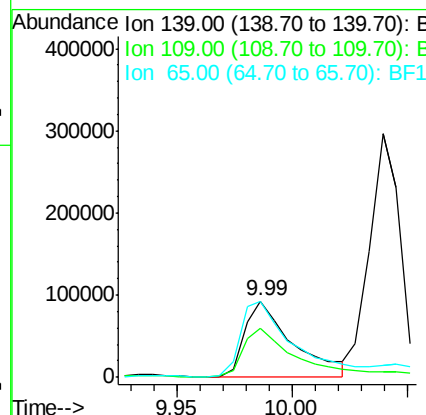
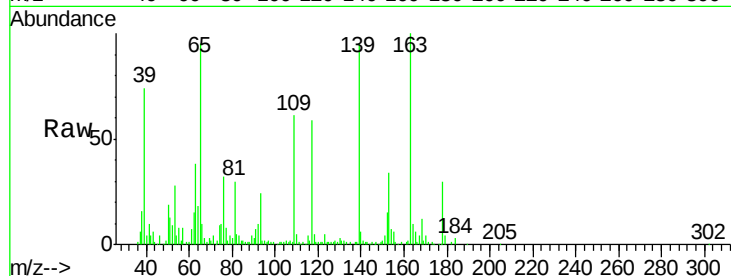
Tgt Ion:139 Resp: 133723

Ion Ratio Lower Upper

139 100

109 64.5 48.4 88.4

65 100.4 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 33.597 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Tgt Ion:165 Resp: 152991

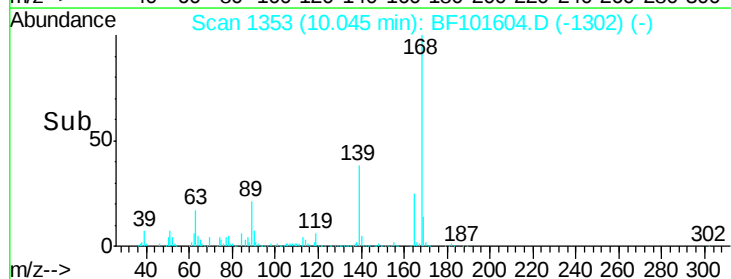
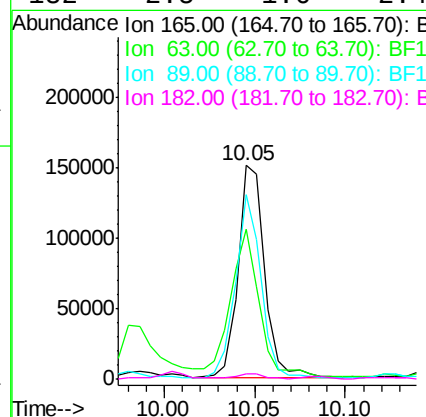
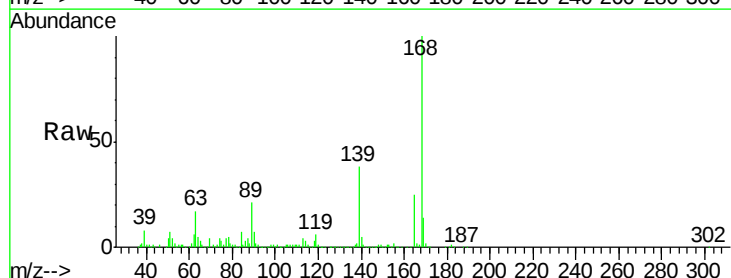
Ion Ratio Lower Upper

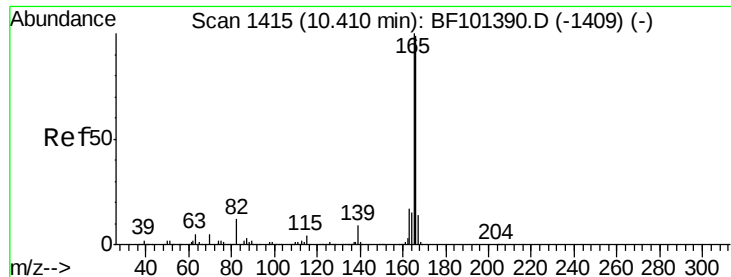
165 100

63 70.2 36.4 54.6#

89 86.5 57.8 86.6

182 2.5 1.6 2.4#





#57

Fluorene

Concen: 38.208 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

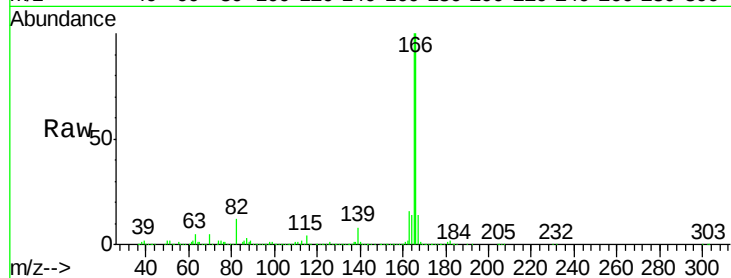
Tgt Ion:166 Resp: 653937

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

167 14.0 10.6 16.0

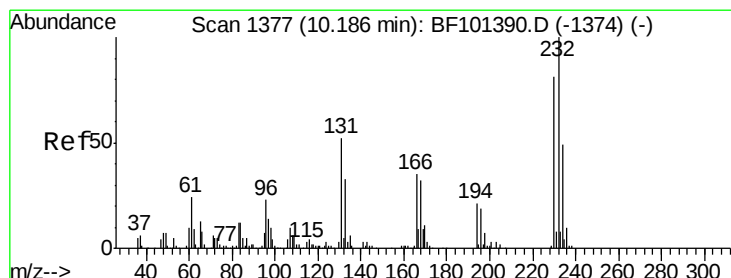
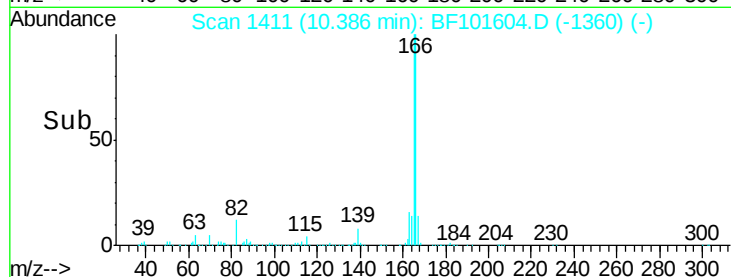
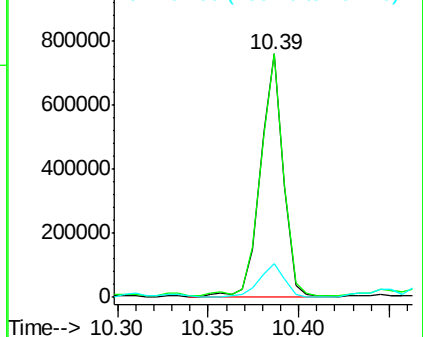


Abundance

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: 31.390 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Tgt Ion:232 Resp: 124090

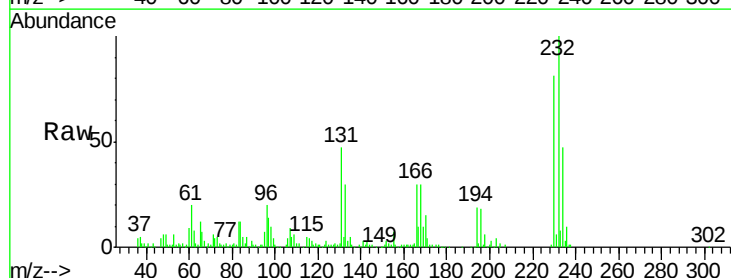
Ion Ratio Lower Upper

232 100

131 46.2 43.8 65.8

130 2.3 2.1 3.1

166 30.5 27.8 41.6



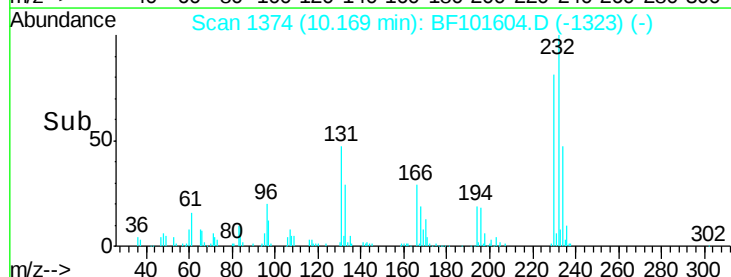
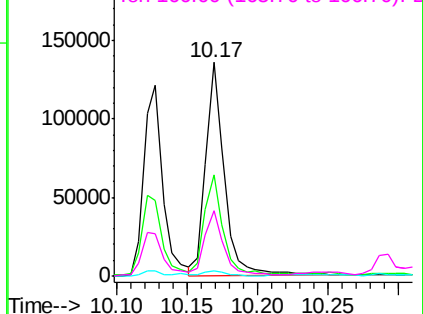
Abundance

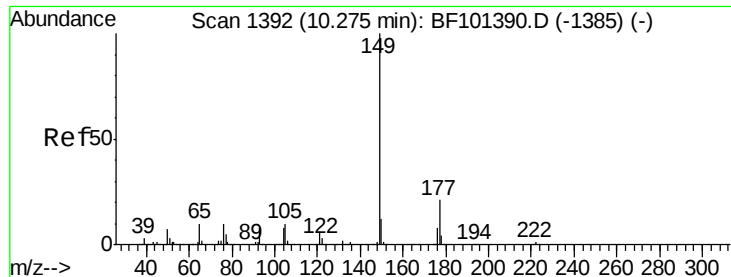
Ion 232.00 (231.70 to 232.70): E

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

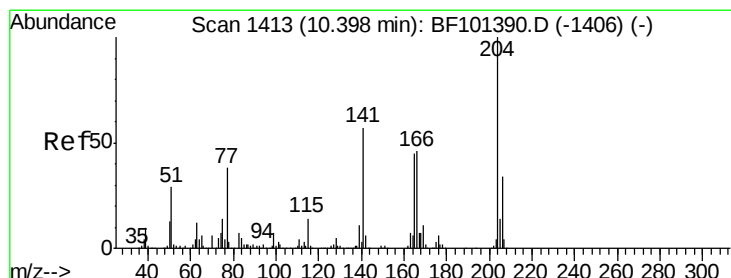
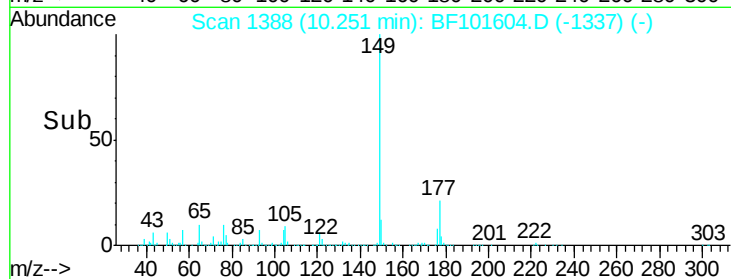
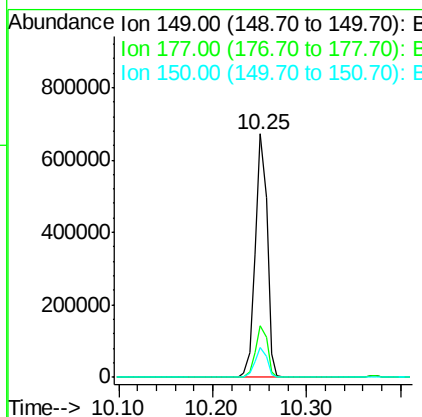
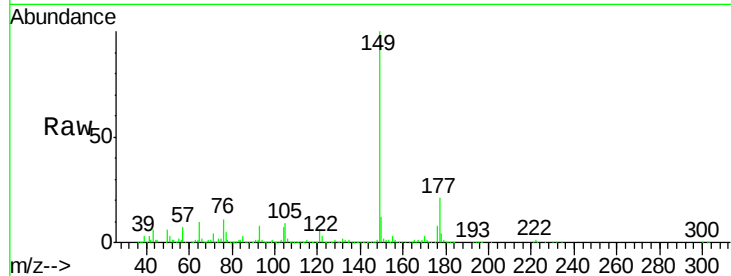




#59
Diethylphthalate
Concen: 29.782 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

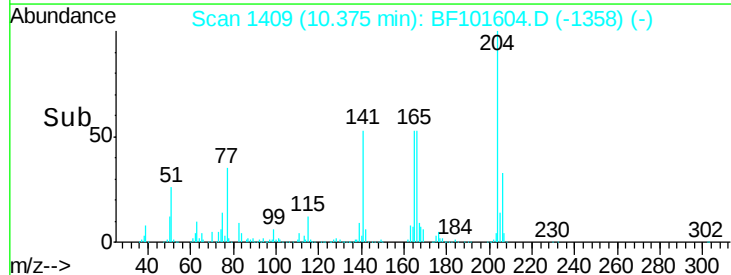
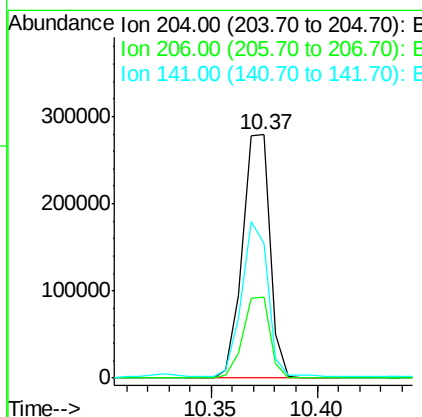
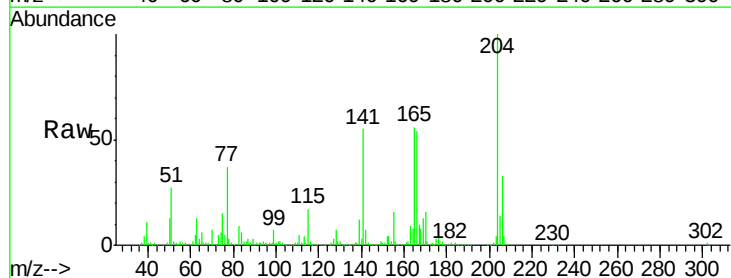
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

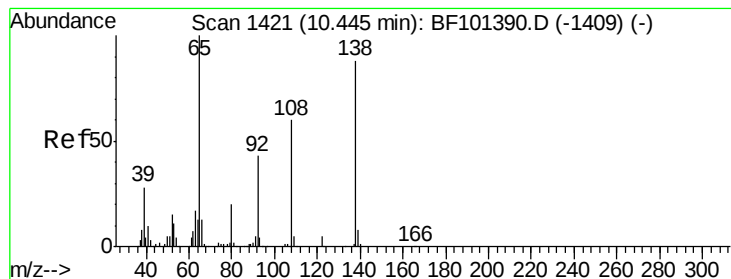
Tgt Ion:149 Resp: 586504
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 30.818 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:204 Resp: 252784
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 55.3 54.6 81.8

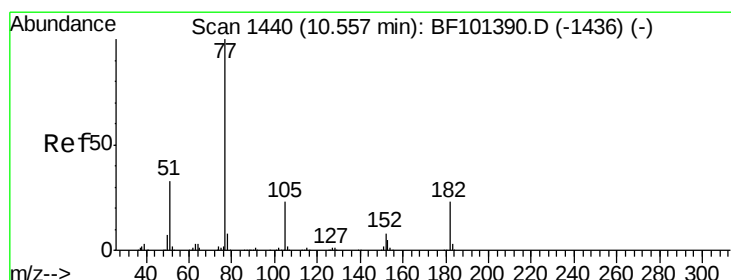
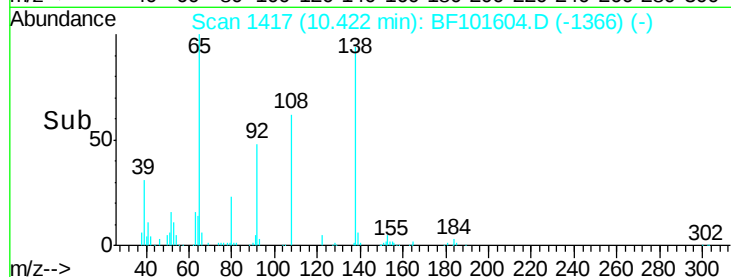
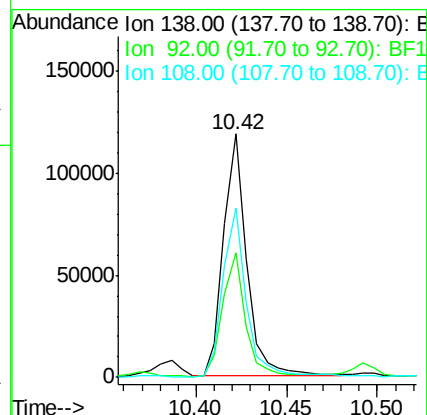
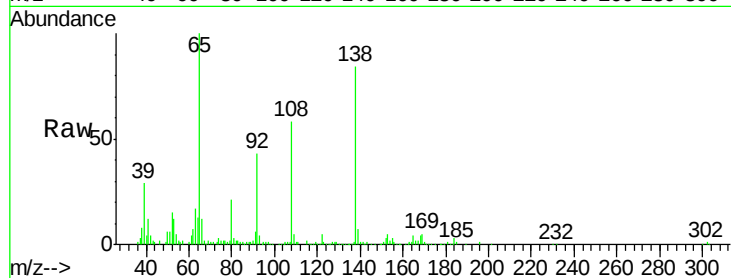




#61
4-Nitroaniline
Concen: 20.988 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

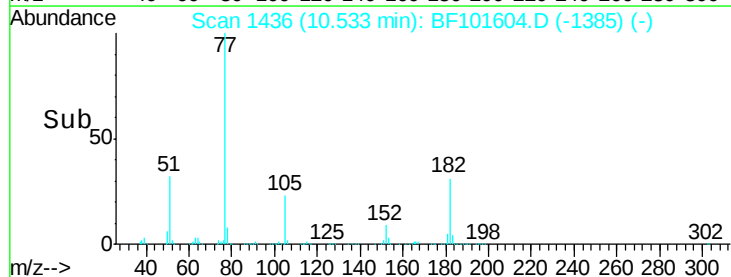
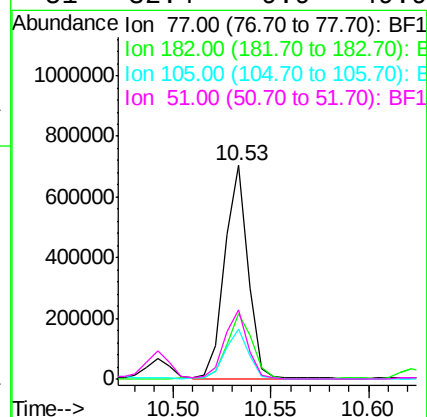
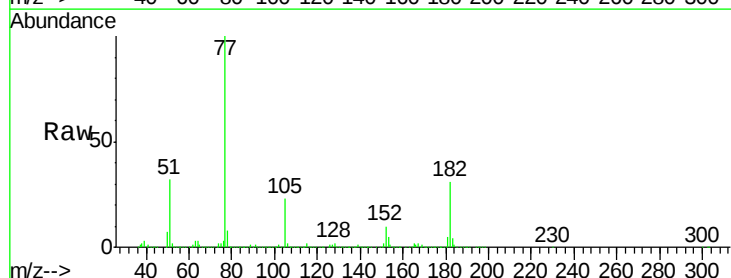
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

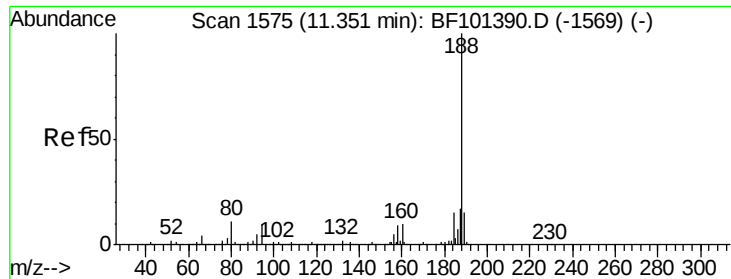
Tgt Ion: 138 Resp: 106307
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 69.3 52.5 92.5



#62
Azobenzene
Concen: 28.280 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 77 Resp: 576924
Ion Ratio Lower Upper
77 100
182 30.6 1.7 41.7
105 23.3 3.0 43.0
51 32.4 9.9 49.9

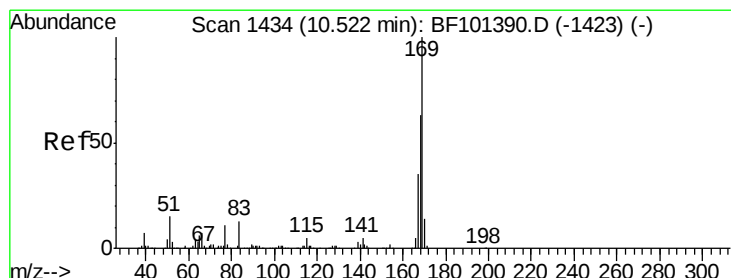
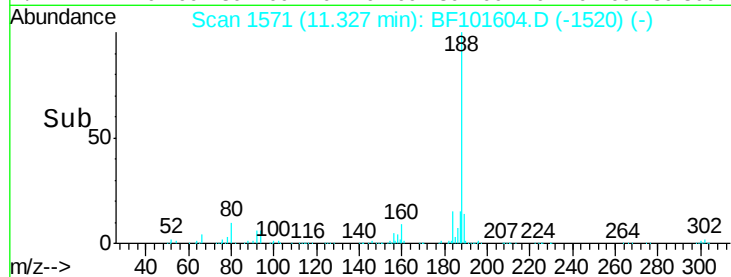
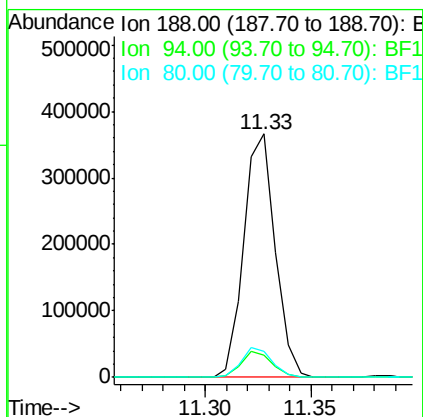
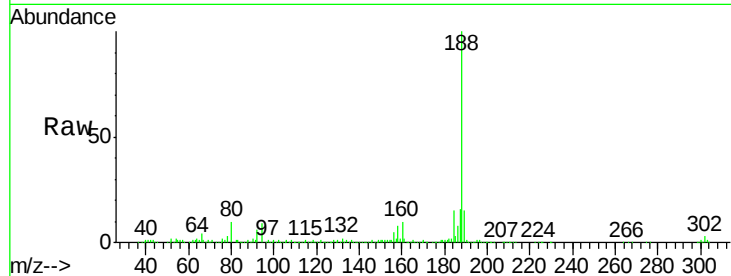




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

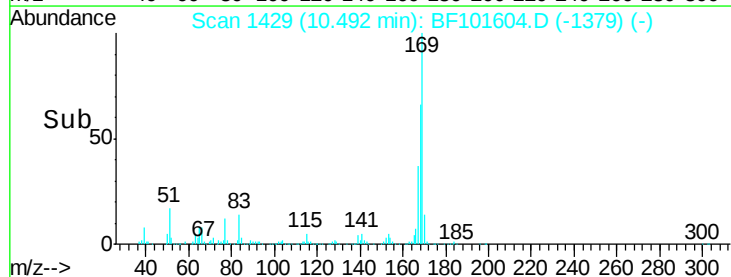
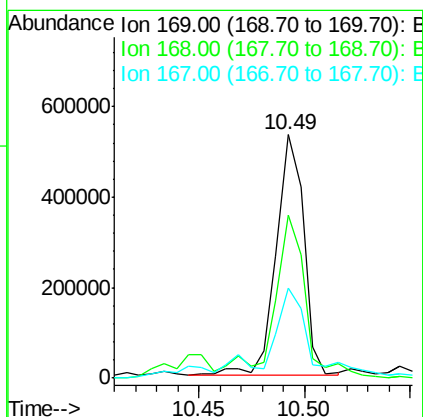
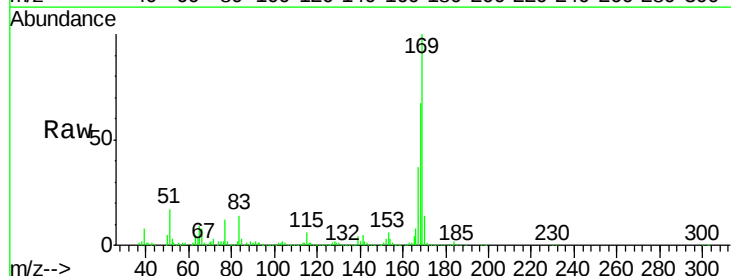
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

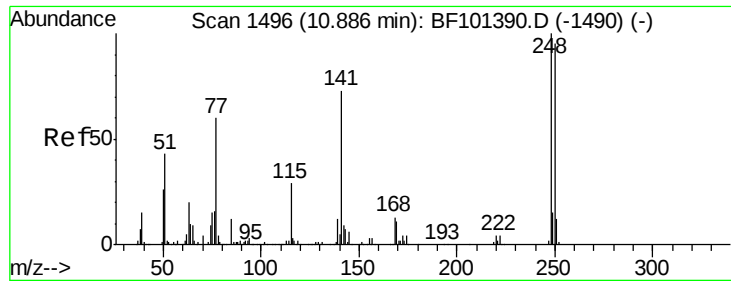
Tgt Ion:188 Resp: 377011
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.5 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 34.518 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:169 Resp: 480517
Ion Ratio Lower Upper
169 100
168 66.8 54.4 81.6
167 36.8 29.8 44.6

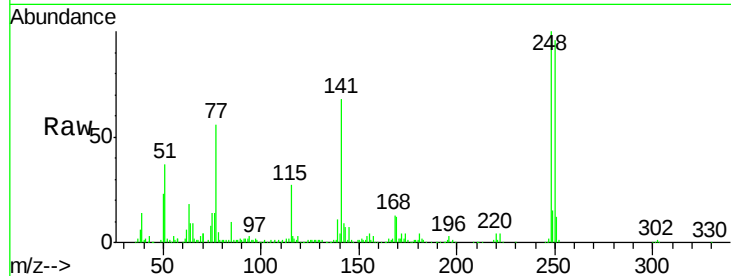




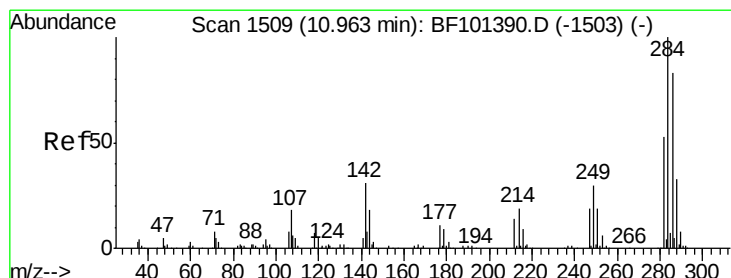
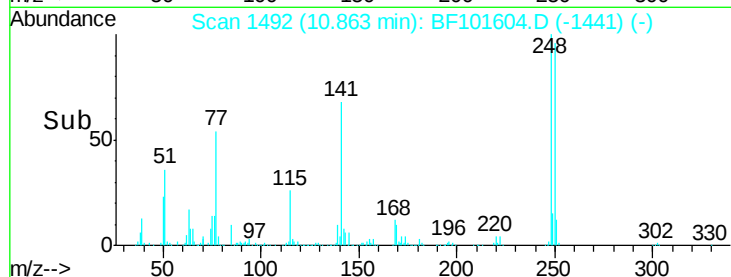
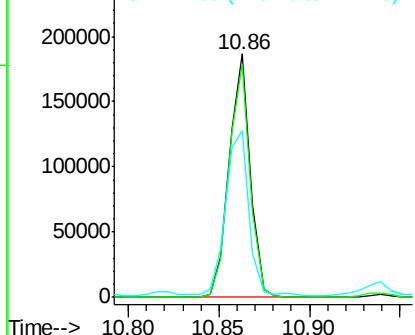
#66
4-Bromophenyl-phenylether
Concen: 35.634 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	68.4	74.4	111.6#

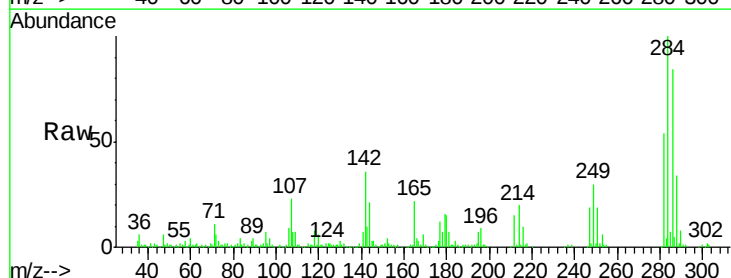


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

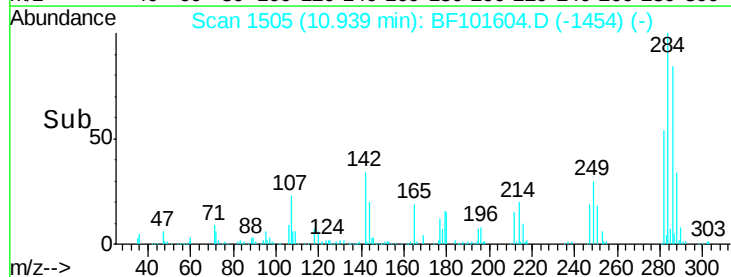
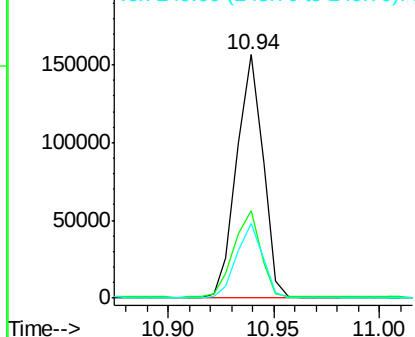


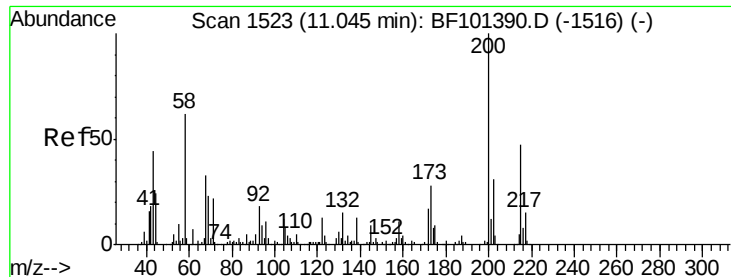
#67
Hexachlorobenzene
Concen: 30.322 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	34.6	52.0
249	30.5	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

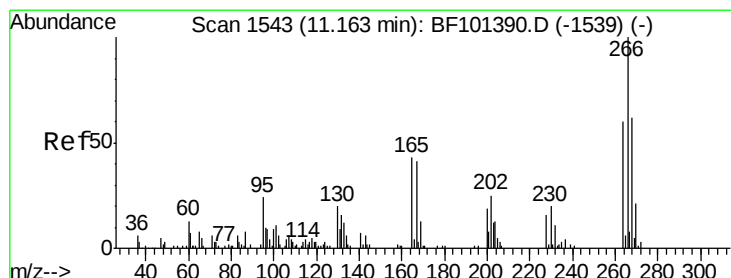
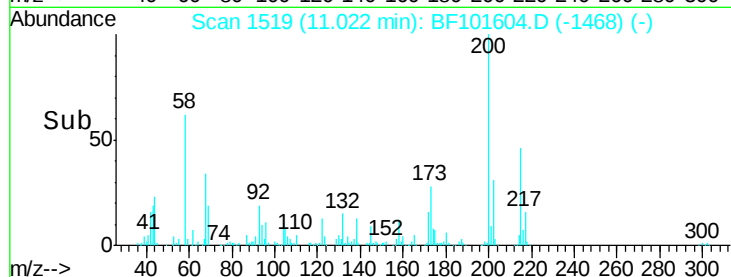
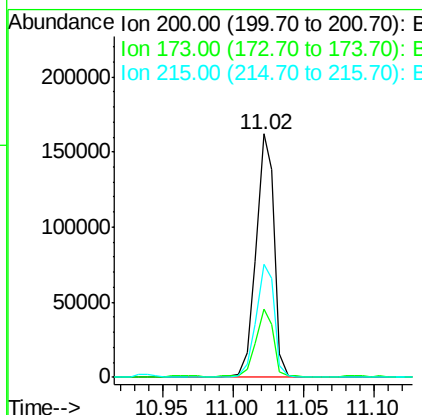
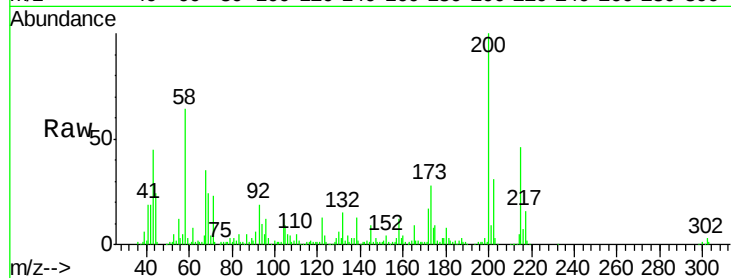




#68
Atrazine
Concen: 35.463 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

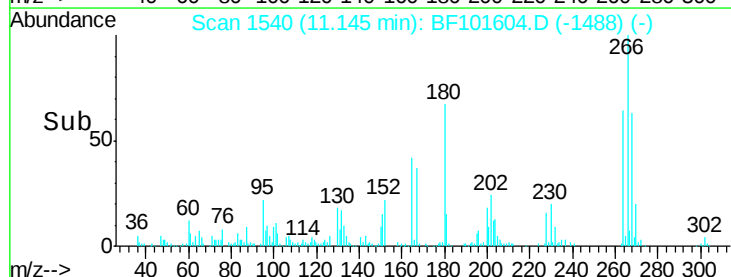
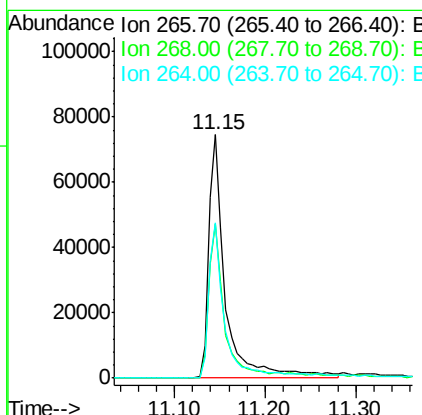
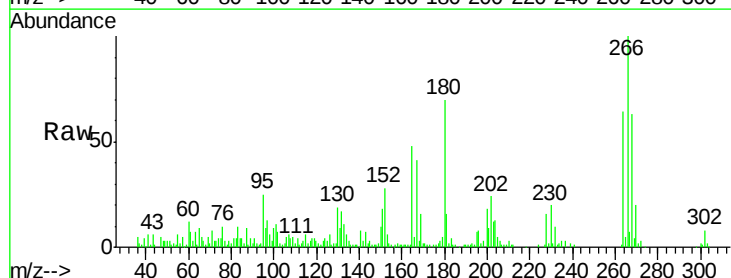
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

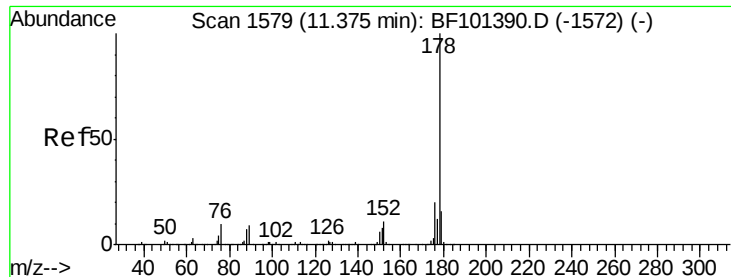
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.6	48.6
215	46.5	25.1	65.1



#69
Pentachlorophenol
Concen: 57.599 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.9	49.5	74.3





#70

Phenanthrene

Concen: 99.719 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

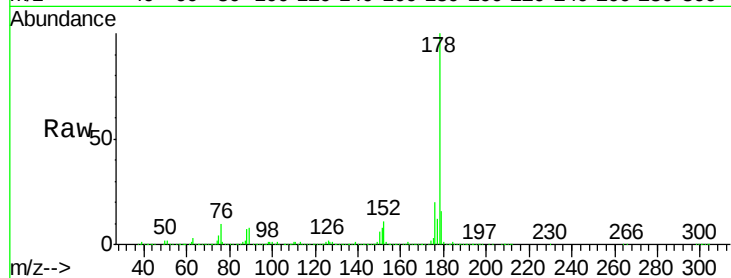
Tgt Ion:178 Resp: 2090733

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

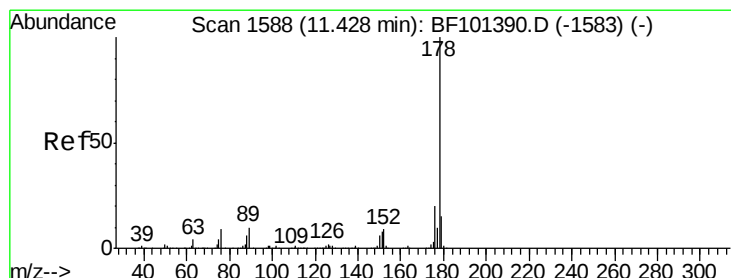
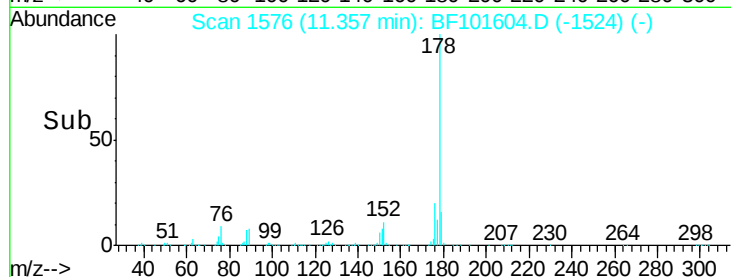
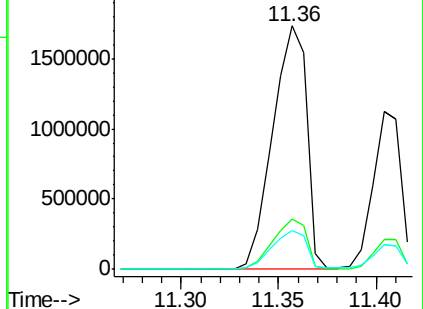
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 52.569 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

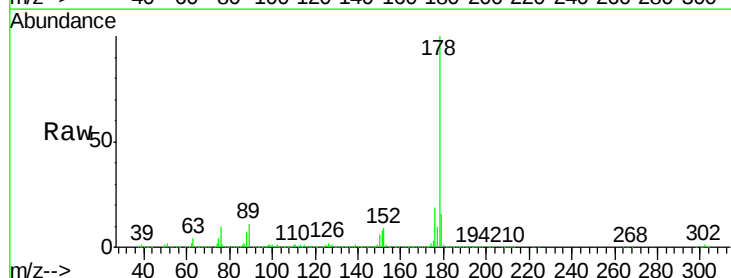
Tgt Ion:178 Resp: 1125834

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

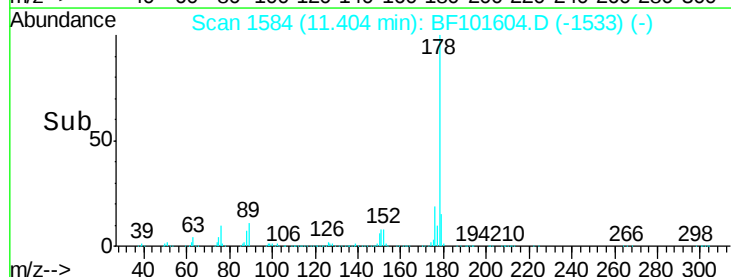
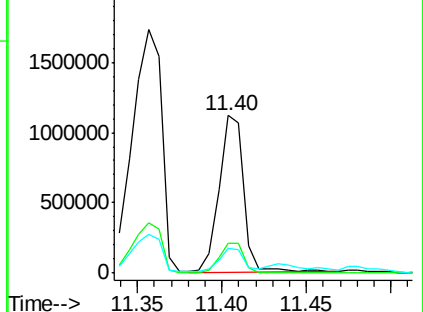
179 15.7 12.6 19.0

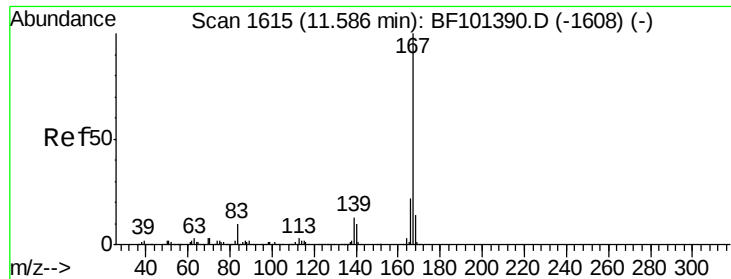


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

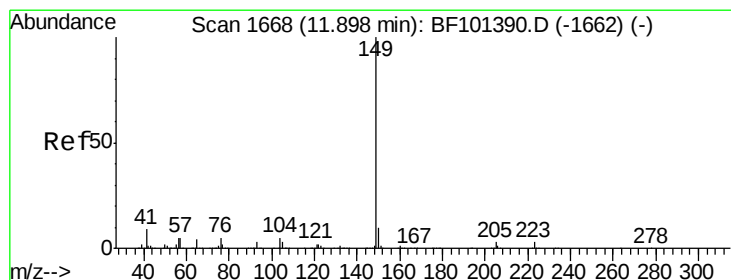
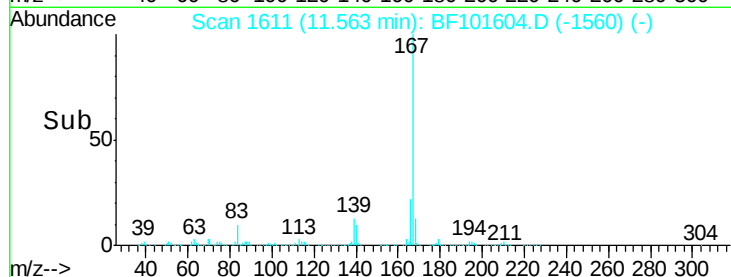
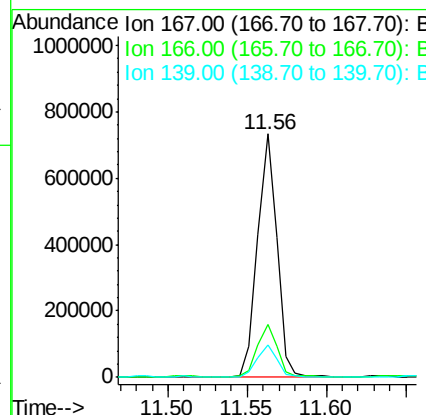
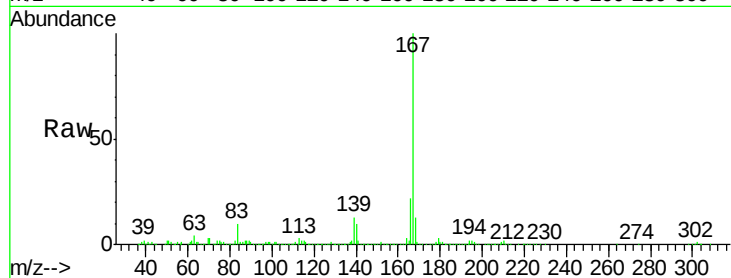




#72
 Carbazole
 Concen: 30.935 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

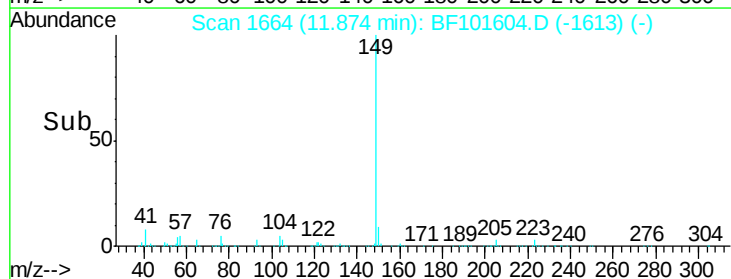
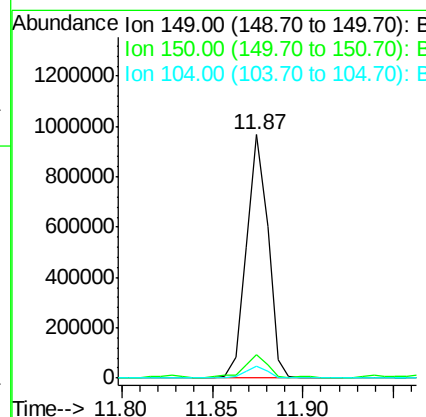
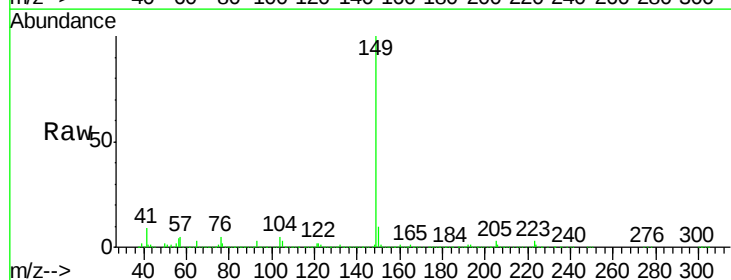
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMS

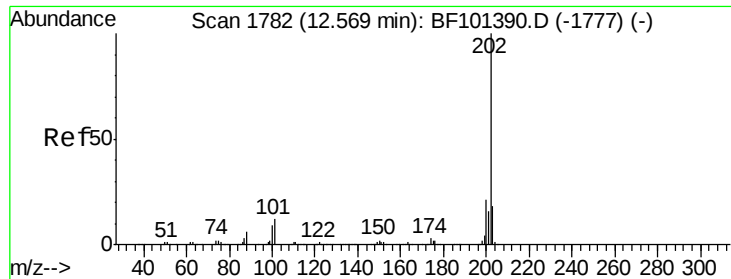
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.4	10.9	16.3



#73
 Di-n-butylphthalate
 Concen: 32.702 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: BF101604.D
 Acq: 21 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

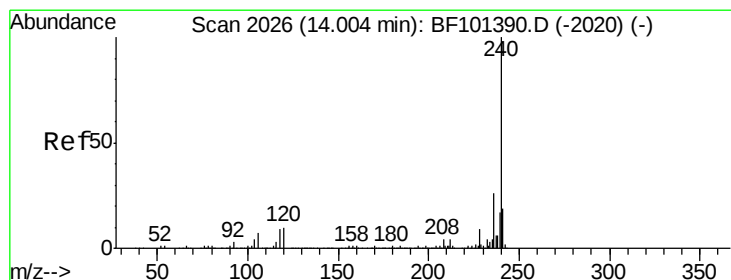
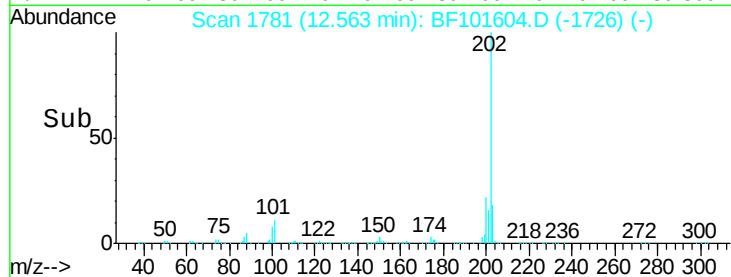
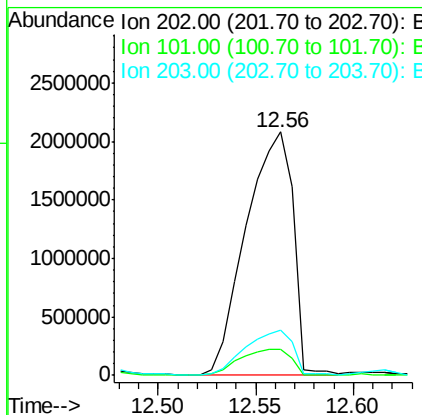
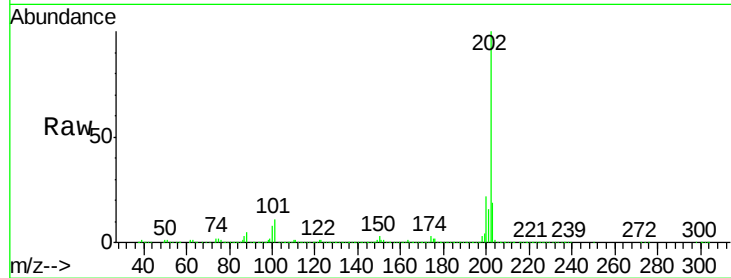




#74
Fluoranthene
Concen: 156.930 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.02 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

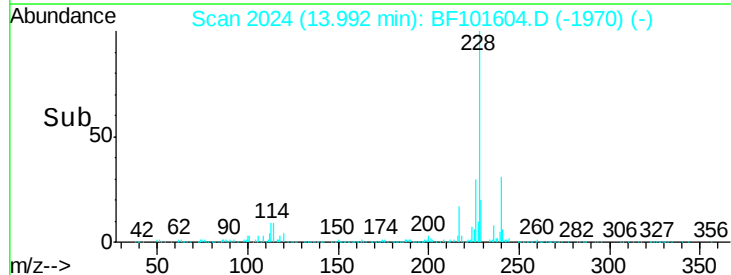
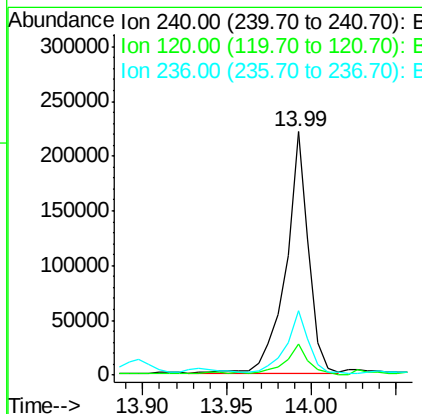
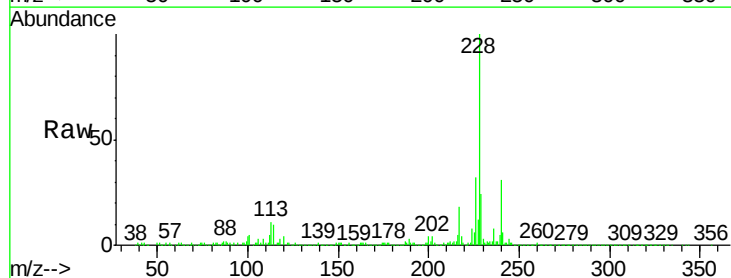
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

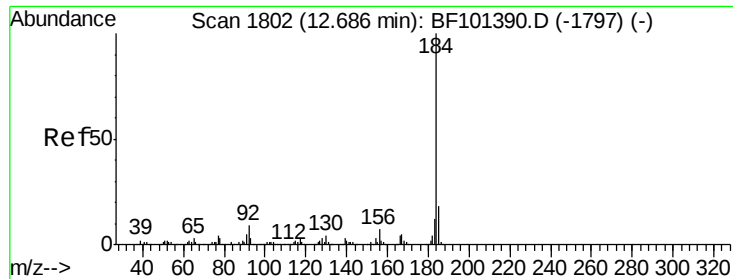
Tgt Ion:202 Resp: 3453558
Ion Ratio Lower Upper
202 100
101 10.7 0.0 34.1
203 18.5 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:240 Resp: 205481
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.5 20.7 31.1





#76

Benzidine

Concen: 5.069 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

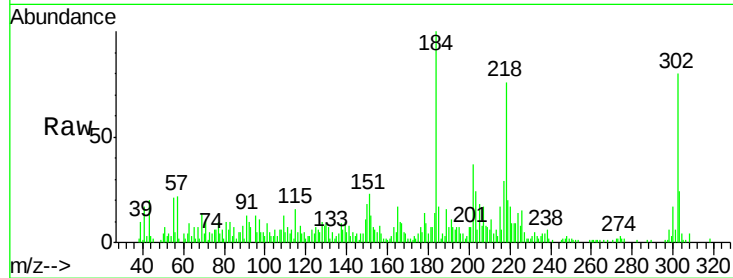
Tgt Ion:184 Resp: 43992

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

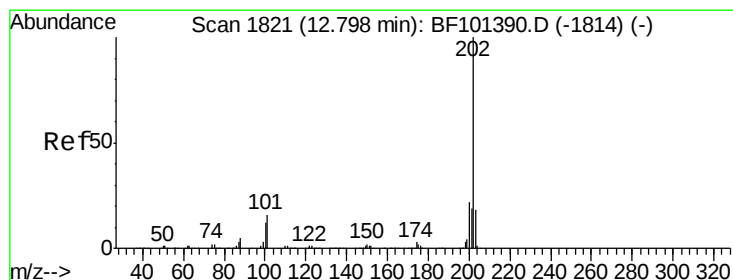
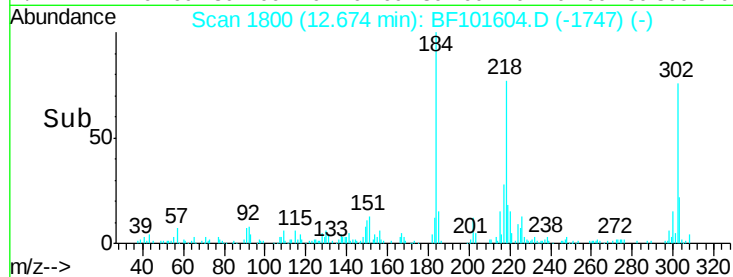
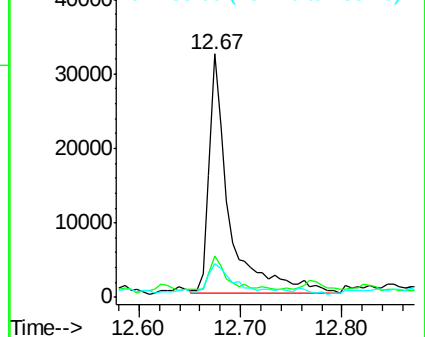
183 13.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 219.188 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.02 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

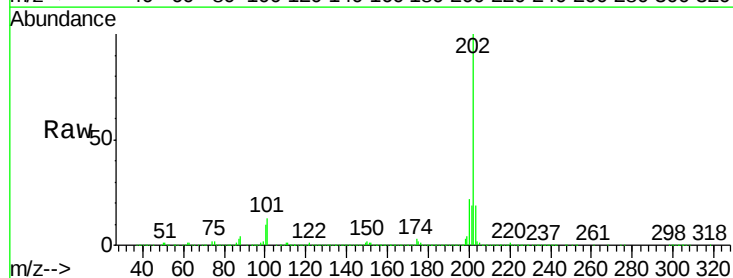
Tgt Ion:202 Resp: 3380171

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

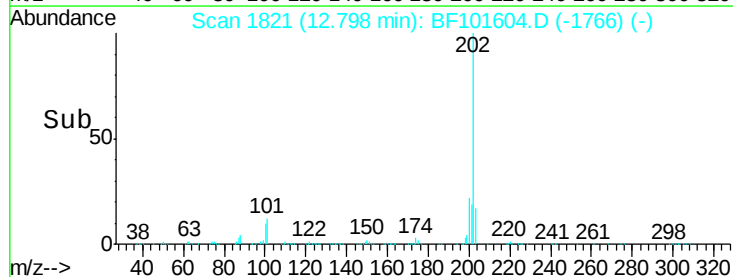
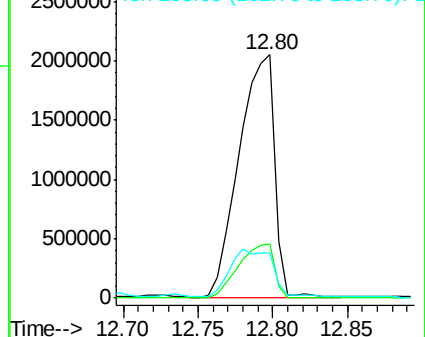
203 18.8 14.3 21.5

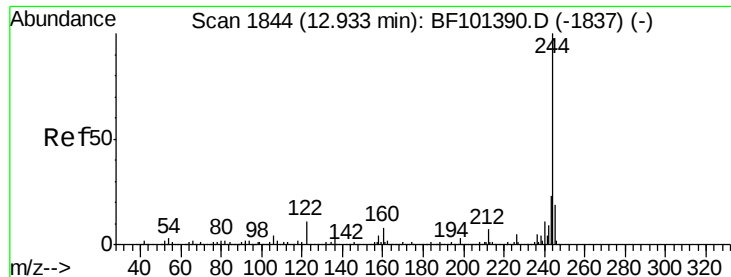


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 96.702 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

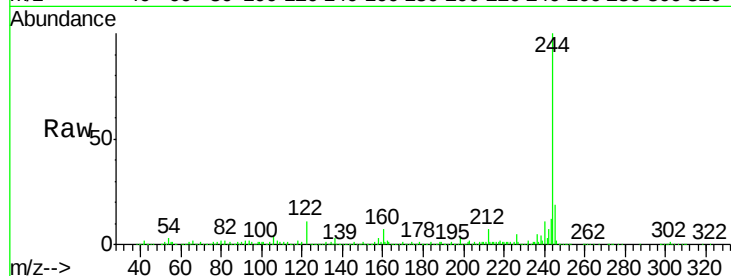
Tgt Ion:244 Resp: 824235

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

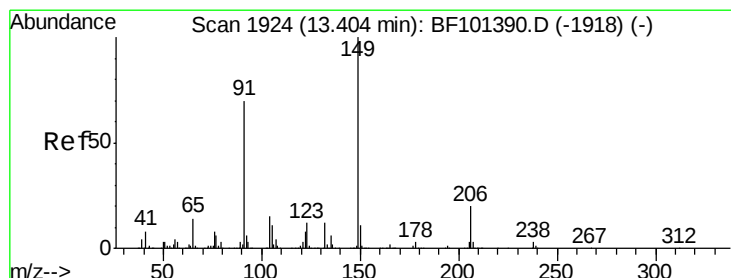
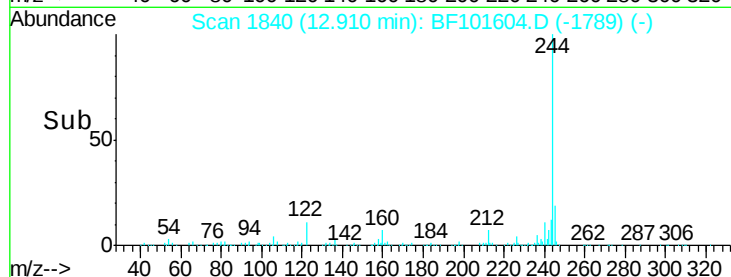
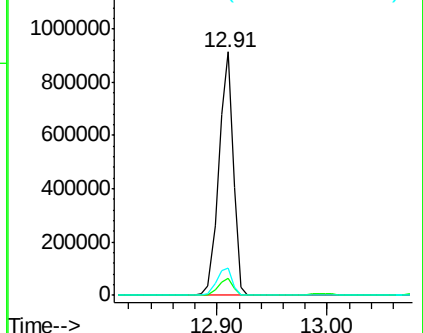
122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.245 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

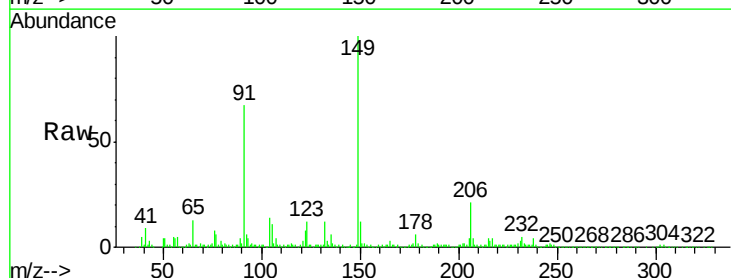
Tgt Ion:149 Resp: 266865

Ion Ratio Lower Upper

149 100

91 66.6 56.8 85.2

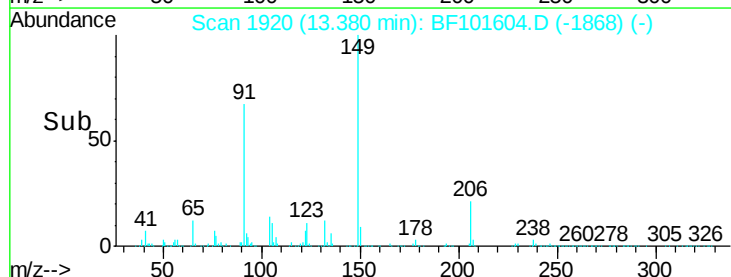
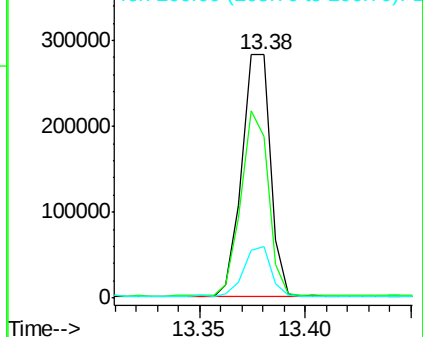
206 21.2 14.1 21.1#

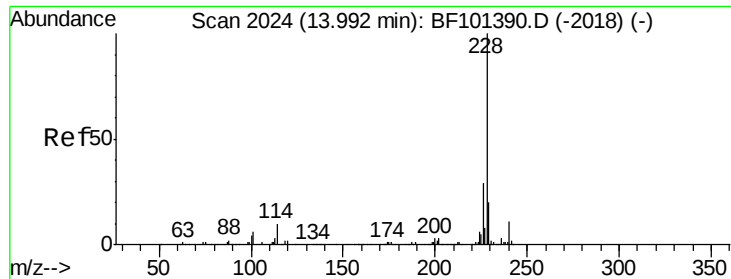


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 202.636 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

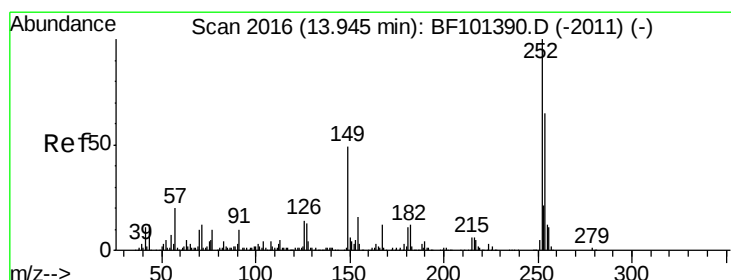
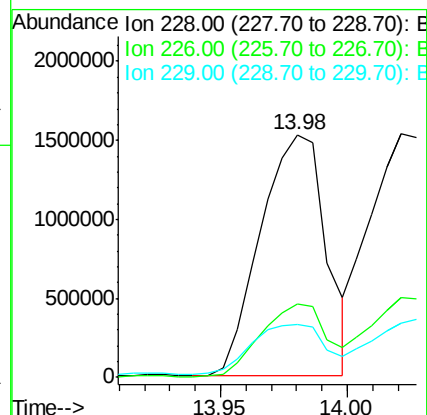
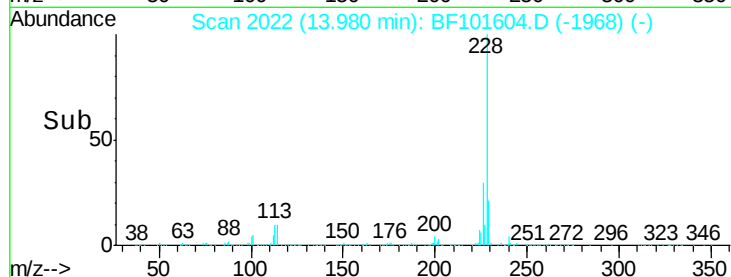
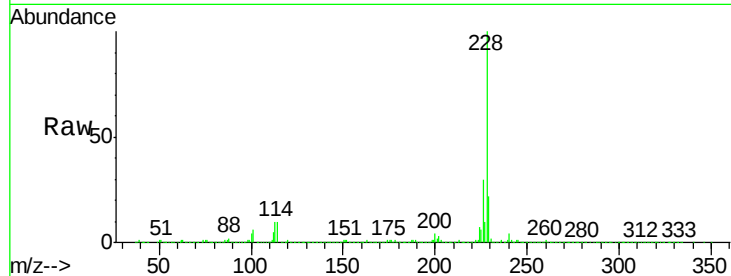
Tgt Ion:228 Resp: 2749416

Ion Ratio Lower Upper

228 100

226 30.3 22.6 33.8

229 22.0 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 27.327 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

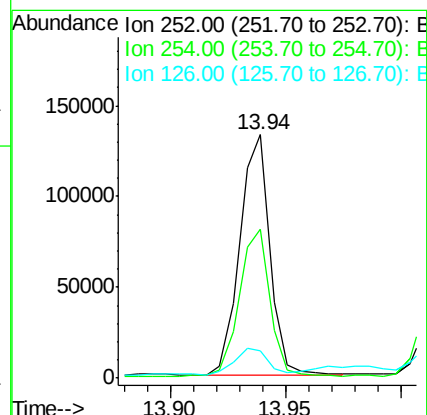
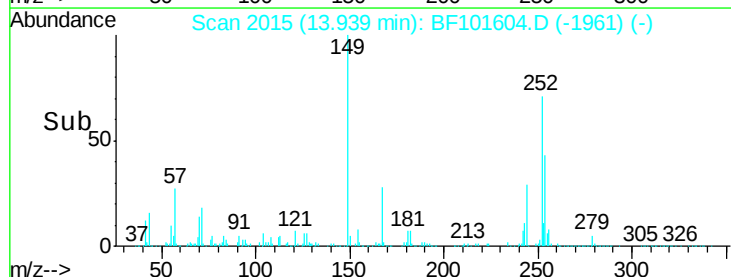
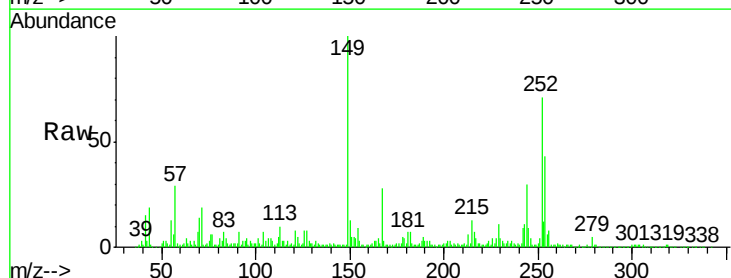
Tgt Ion:252 Resp: 120899

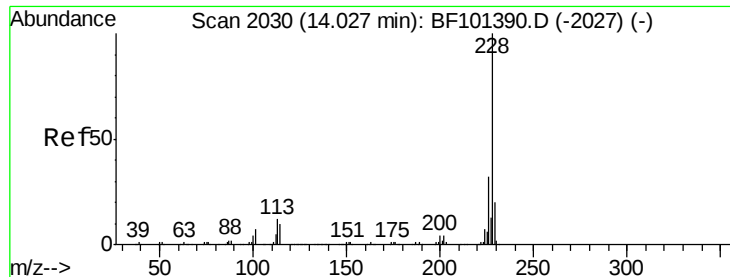
Ion Ratio Lower Upper

252 100

254 61.0 50.4 75.6

126 11.1 11.3 16.9#





#82

Chrysene

Concen: 176.262 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

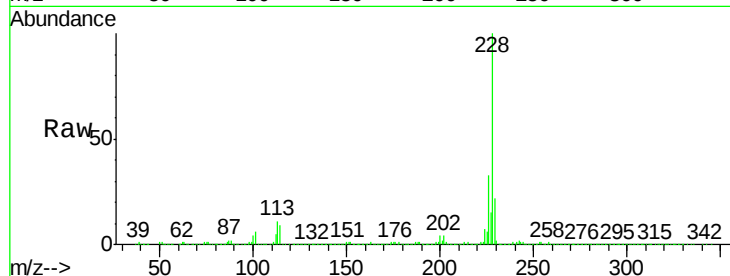
Tgt Ion:228 Resp: 2258072

Ion Ratio Lower Upper

228 100

226 33.0 25.0 37.6

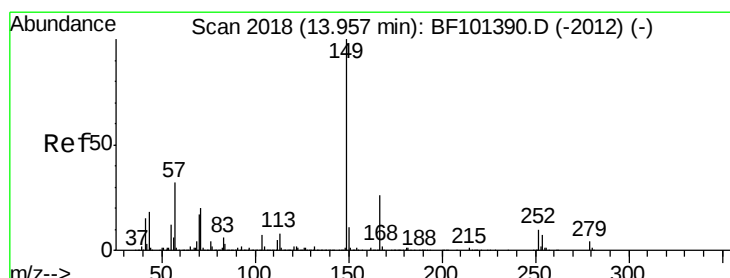
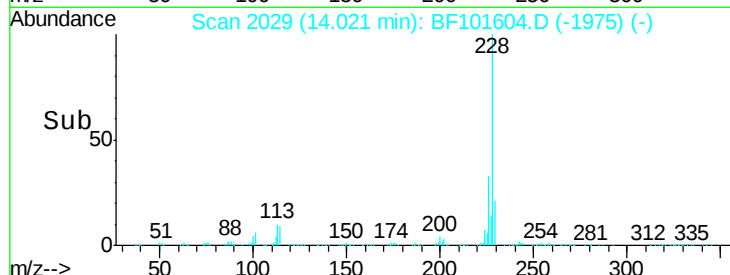
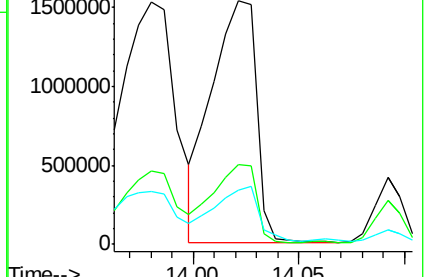
229 22.4 16.2 24.4



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: 39.956 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

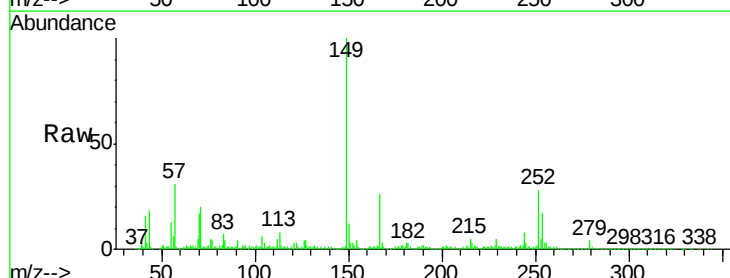
Tgt Ion:149 Resp: 353134

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

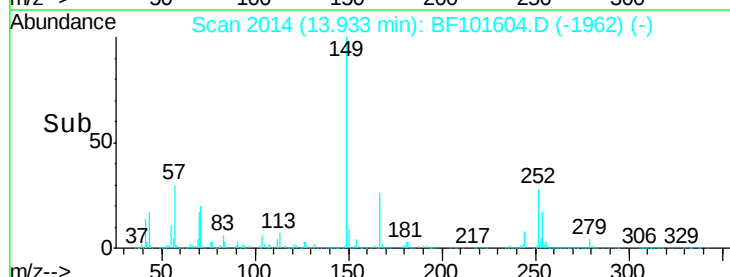
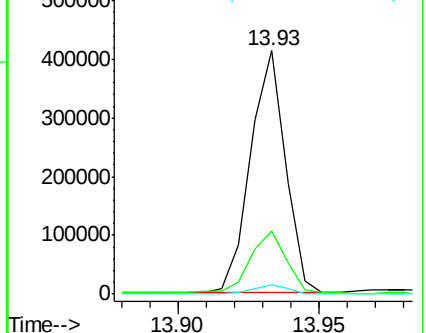
279 3.6 3.0 4.4

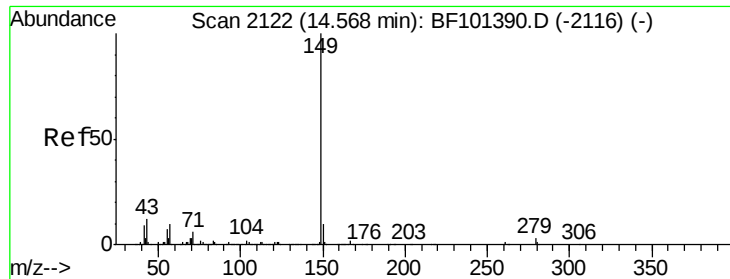


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.988 ng

RT: 14.54 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMS

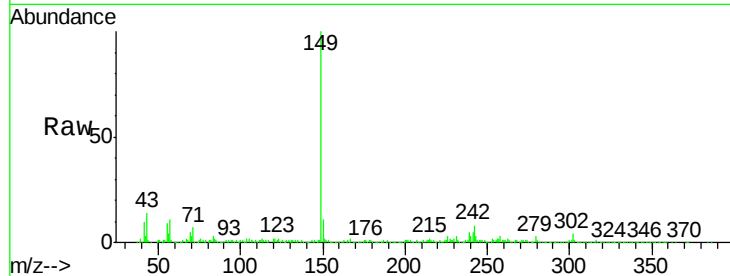
Tgt Ion:149 Resp: 598774

Ion Ratio Lower Upper

149 100

167 2.1 1.2 1.8#

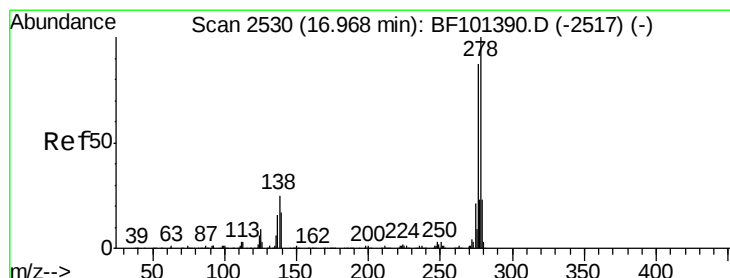
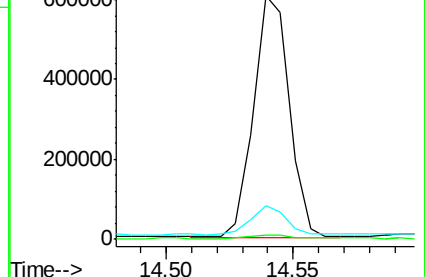
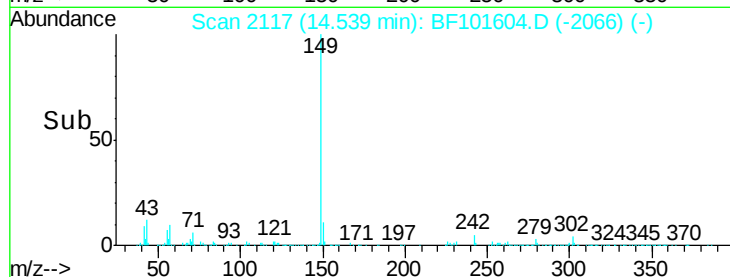
43 11.6 8.4 12.6



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: 139.428 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.06 min

Lab File: BF101604.D

Acq: 21 Dec 2017 14:02

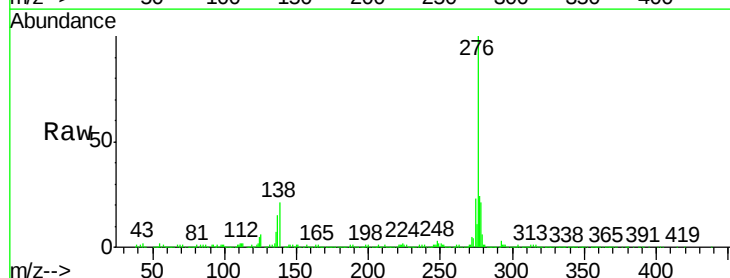
Tgt Ion:276 Resp: 1590600

Ion Ratio Lower Upper

276 100

138 25.6 25.0 37.6

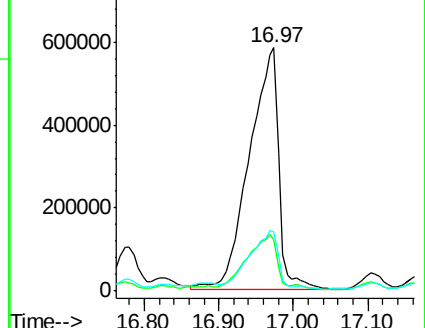
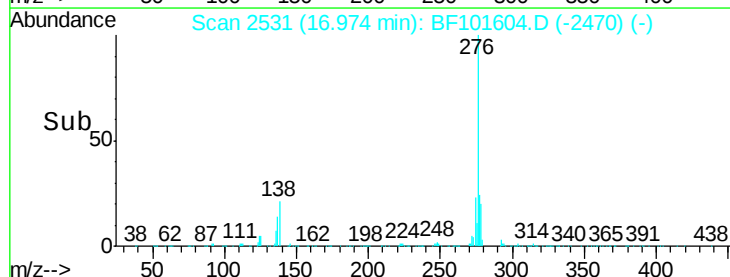
277 24.1 20.1 30.1

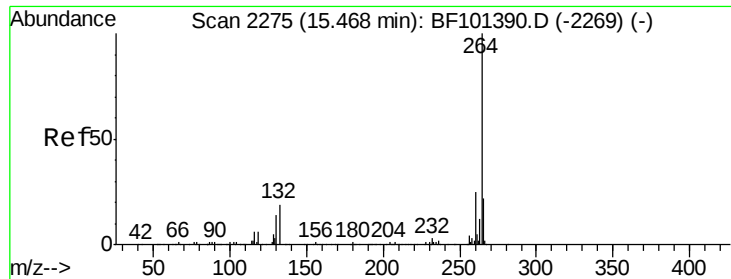


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



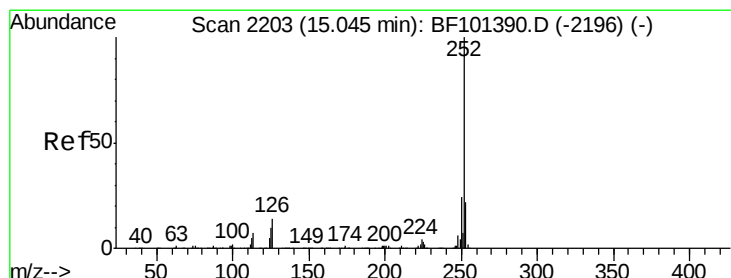
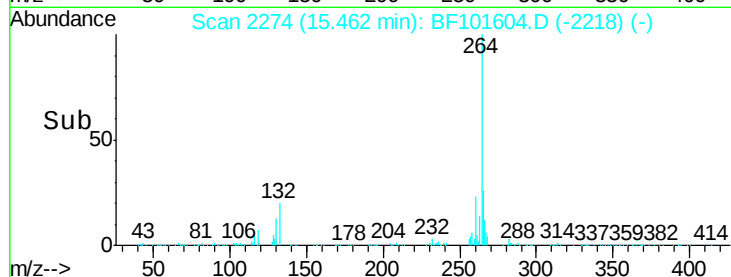
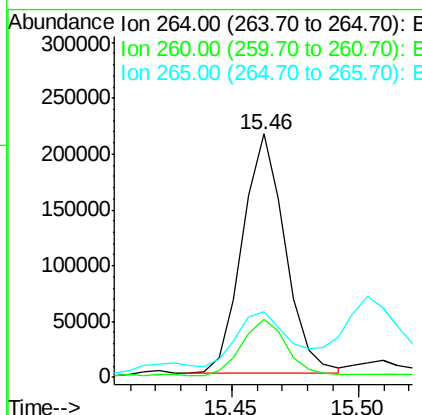
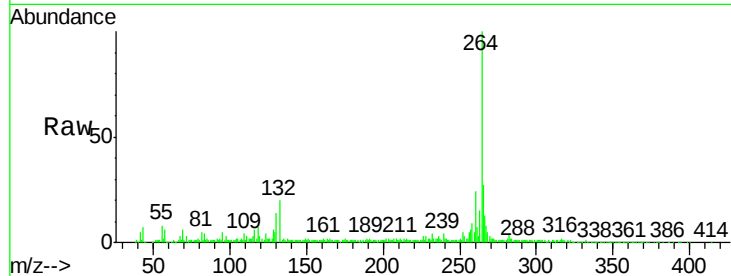


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Tgt Ion: 264 Resp: 252178

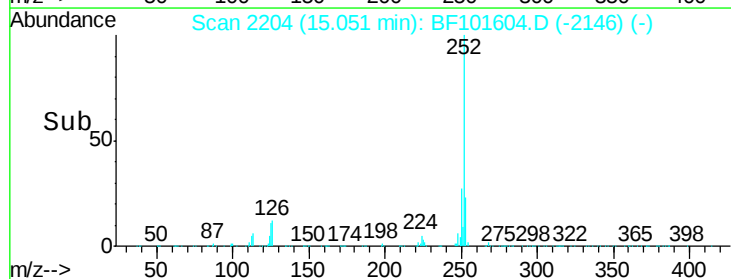
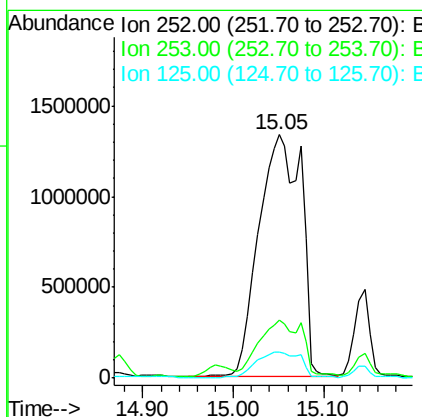
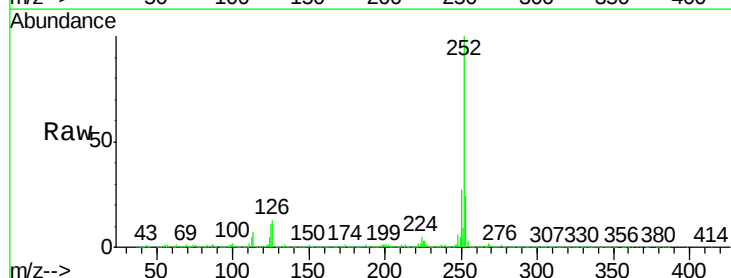
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	26.8	17.5	26.3#

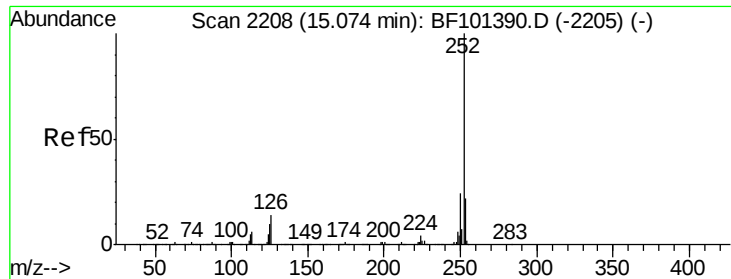


#87
Benzo(b)fluoranthene
Concen: 282.622 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.04 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 252 Resp: 4344136

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	10.9	9.0	13.6

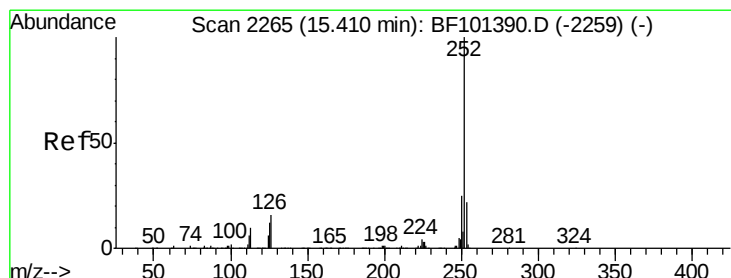
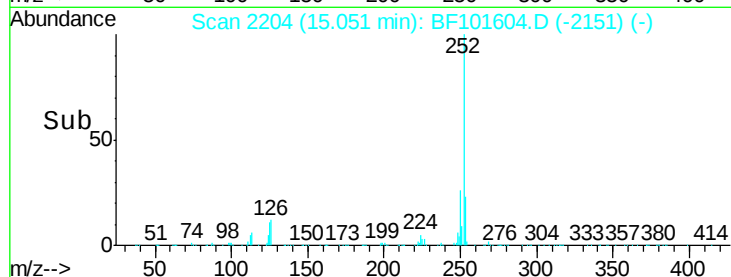
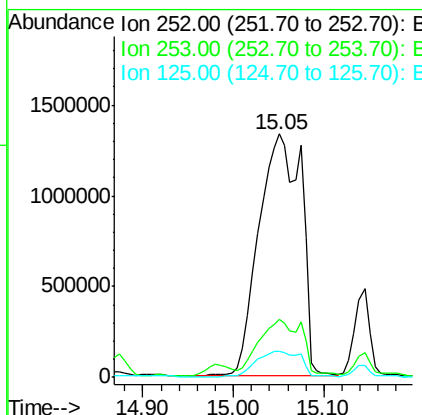
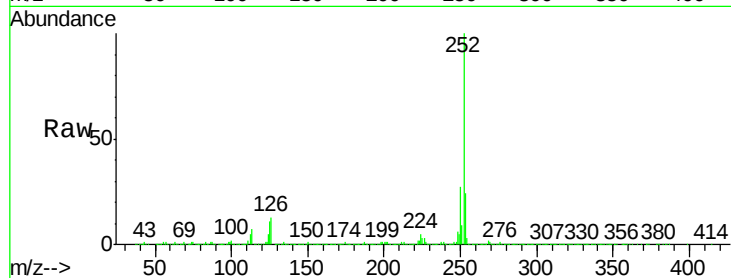




#88
Benzo(k)fluoranthene
Concen: 290.682 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

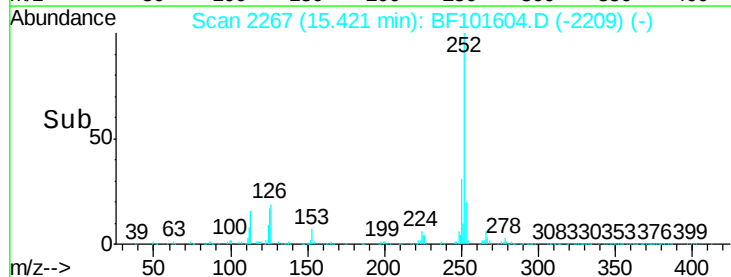
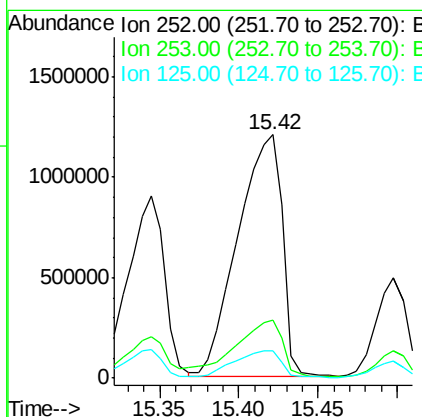
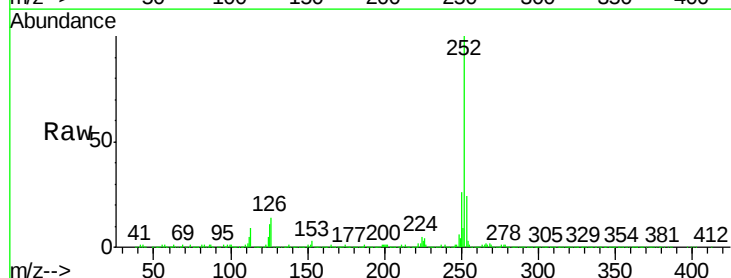
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

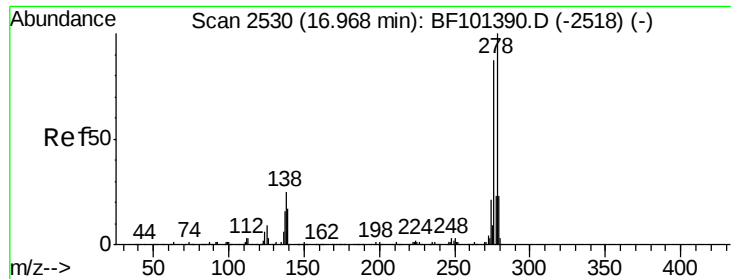
Tgt Ion:252 Resp: 4344136
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 10.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 166.483 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.04 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion:252 Resp: 2359012
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 11.0 9.8 14.6

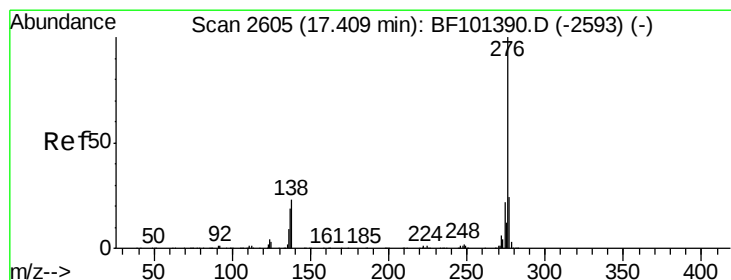
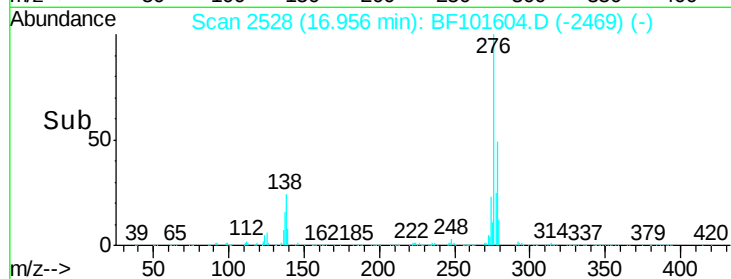
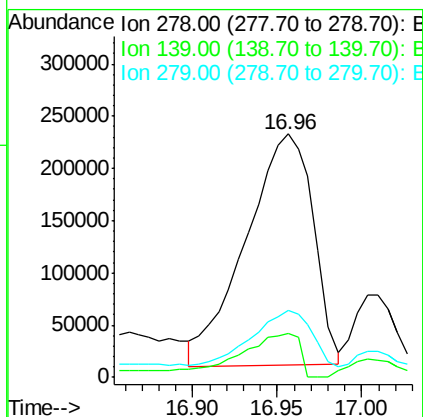
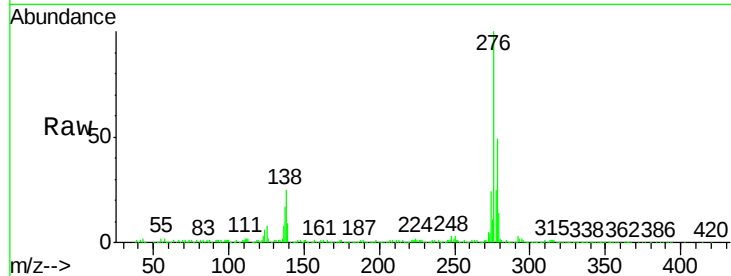




#90
Dibenzo(a,h)anthracene
Concen: 50.518 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.05 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMS

Tgt Ion: 278 Resp: 614601
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 27.7 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 116.342 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.07 min
Lab File: BF101604.D
Acq: 21 Dec 2017 14:02

Tgt Ion: 276 Resp: 1401548
Ion Ratio Lower Upper
276 100
277 25.9 17.9 26.9
138 23.6 21.8 32.8

