

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101605.D
 Acq On : 21 Dec 2017 14:29
 Operator : SJ/JU
 Sample : I6681-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 21 15:24:59 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	6.80	152	126455	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	462778	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	169284	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	281299	20.00	ng	0.00
75) Chrysene-d12	13.99	240	207280	20.00	ng	0.02
86) Perylene-d12	15.46	264	226422	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	899962	106.01	ng	0.01
7) Phenol-d6	6.45	99	987208	93.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	638086	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	156829	96.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	916904	84.02	ng	0.00
78) Terphenyl-d14	12.91	244	788411	91.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	146616	33.611	ng	96
3) Pyridine	3.32	79	370399	30.562	ng	98
4) n-Nitrosodimethylamine	3.27	42	187451	33.592	ng	97
6) Aniline	6.47	93	223625	15.231	ng	# 69
8) 2-Chlorophenol	6.59	128	300167	33.613	ng	95
9) Benzaldehyde	6.36	77	178262	22.846	ng	98
10) Phenol	6.46	94	413258	34.318	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	338190	35.804	ng	94
12) 1,3-Dichlorobenzene	6.73	146	341396	33.873	ng	97
13) 1,4-Dichlorobenzene	6.82	146	345972	33.615	ng	99
14) 1,2-Dichlorobenzene	6.97	146	309852	33.446	ng	97
15) Benzyl Alcohol	6.95	79	233153	32.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	521294	36.060	ng	# 46
17) 2-Methylphenol	7.07	107	238638	29.051	ng	# 83
18) Hexachloroethane	7.30	117	108850	30.419	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	220890	31.836	ng	91
20) 3+4-Methylphenols	7.23	107	332879	38.241	ng	96
22) Acetophenone	7.21	105	434705	41.167	ng	# 96
24) Nitrobenzene	7.39	77	328090	35.658	ng	96
25) Isophorone	7.62	82	581926	34.893	ng	97
26) 2-Nitrophenol	7.70	139	150710	38.126	ng	97
27) 2,4-Dimethylphenol	7.74	122	251893	37.510	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	375755	35.469	ng	98
29) 2,4-Dichlorophenol	7.96	162	223360	33.666	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	238727	34.097	ng	96
31) Naphthalene	8.10	128	807753	34.671	ng	99
32) Benzoic acid	7.86	122	46646	16.560	ng	92
33) 4-Chloroaniline	8.17	127	116958	11.550	ng	96
34) Hexachlorobutadiene	8.21	225	139531	34.457	ng	99
35) Caprolactam	8.53	113	66561	28.893	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	220429	30.228	ng	99
37) 2-Methylnaphthalene	8.79	142	520975	34.322	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	222570	38.942	ng	98
40) Hexachlorocyclopentadiene	8.85	237	318	11.685	ng	# 26

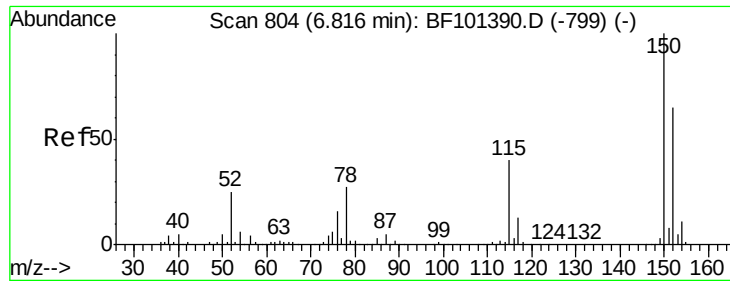
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	134262	39.020	ng	100
43) 2,4,5-Trichlorophenol	9.13	196	127253	33.776	ng	96
45) 1,1'-Biphenyl	9.25	154	575978	38.365	ng	98
46) 2-Chloronaphthalene	9.28	162	411709	35.841	ng	98
47) 2-Nitroaniline	9.39	65	144804	36.490	ng	91
48) Acenaphthylene	9.70	152	726865	40.061	ng	100
49) Dimethylphthalate	9.55	163	516149	37.906	ng	100
50) 2,6-Dinitrotoluene	9.63	165	91700	33.135	ng #	79
51) Acenaphthene	9.87	154	406968	37.334	ng	99
52) 3-Nitroaniline	9.80	138	87433	25.340	ng	100
53) 2,4-Dinitrophenol	9.95	184	6805	16.470	ng #	31
54) Dibenzofuran	10.04	168	521109	37.617	ng	97
55) 4-Nitrophenol	9.99	139	106551	70.821	ng	93
56) 2,4-Dinitrotoluene	10.05	165	108143	34.683	ng #	80
57) Fluorene	10.39	166	468911	40.013	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92420	34.143	ng	90
59) Diethylphthalate	10.25	149	446219	33.092	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	189949	33.820	ng	96
61) 4-Nitroaniline	10.42	138	86770	25.019	ng	96
62) Azobenzene	10.53	77	436188	31.226	ng	92
65) n-Nitrosodiphenylamine	10.49	169	355433	34.220	ng	96
66) 4-Bromophenyl-phenylether	10.86	248	109991	34.799	ng #	85
67) Hexachlorobenzene	10.94	284	109241	32.656	ng #	89
68) Atrazine	11.02	200	108777	35.122	ng	97
69) Pentachlorophenol	11.14	266	93886	72.812	ng	99
70) Phenanthrene	11.36	178	1535087	98.130	ng	99
71) Anthracene	11.40	178	933312	58.407	ng	100
72) Carbazole	11.56	167	561968	37.563	ng	99
73) Di-n-butylphthalate	11.87	149	635642	35.005	ng	99
74) Fluoranthene	12.56	202	3139647	191.208	ng	97
76) Benzidine	12.67	184	75482	8.622	ng	98
77) Pyrene	12.80	202	3221179	207.066	ng	97
79) Butylbenzylphthalate	13.38	149	290624	41.289	ng	97
80) Benzo(a)anthracene	13.99	228	2612385	190.866	ng	97
81) 3,3'-Dichlorobenzidine	13.94	252	151882	34.032	ng	98
82) Chrysene	14.03	228	2200290	170.261	ng	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	382699	42.925	ng	99
84) Di-n-octyl phthalate	14.54	149	668709	42.057	ng #	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	1387531	120.572	ng #	90
87) Benzo(b)fluoranthene	15.05	252	3930713	284.815	ng	97
88) Benzo(k)fluoranthene	15.05	252	3930713	292.937	ng	97
89) Benzo(a)pyrene	15.42	252	2045233	160.757	ng	96
90) Dibenzo(a,h)anthracene	16.96	278	546401	50.021	ng	96
91) Benzo(g,h,i)perylene	17.42	276	1237760	114.433	ng	93

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

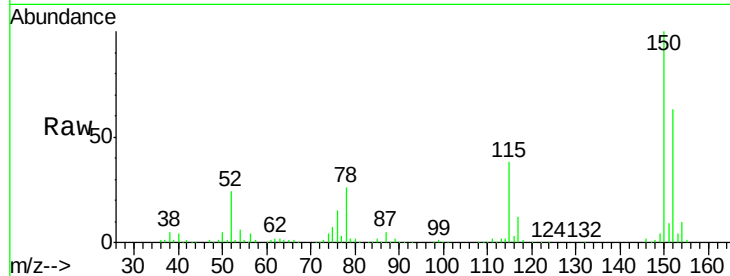


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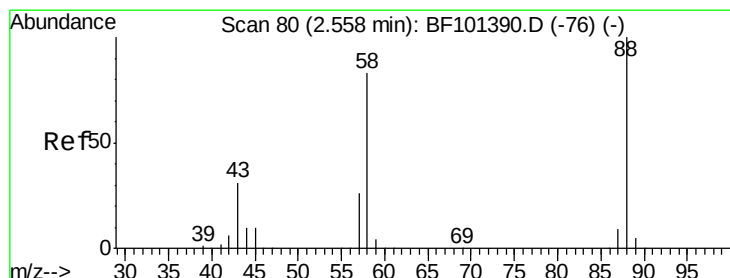
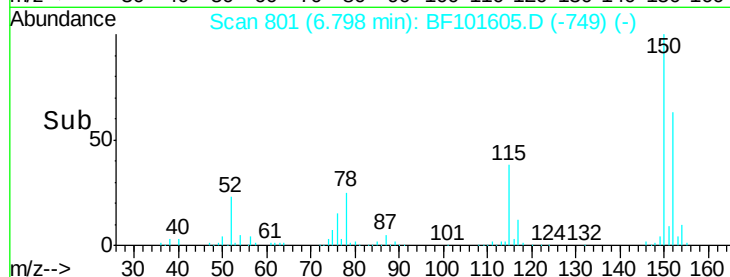
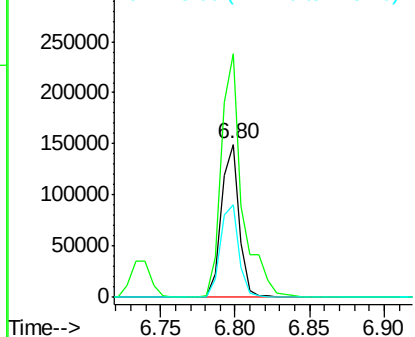
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

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

Tgt Ion:152 Resp: 126455
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 60.8 50.1 75.1



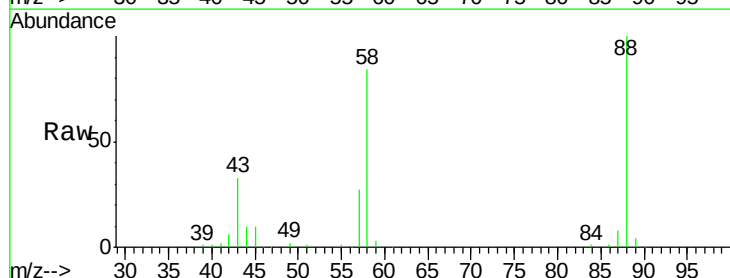
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



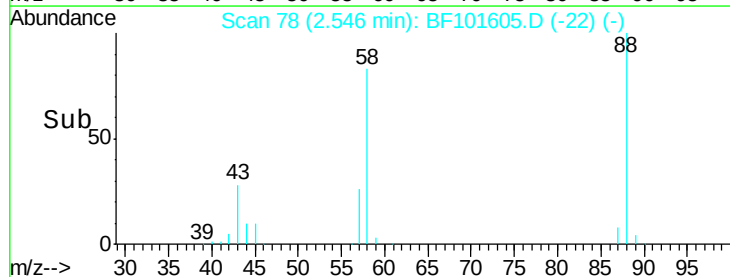
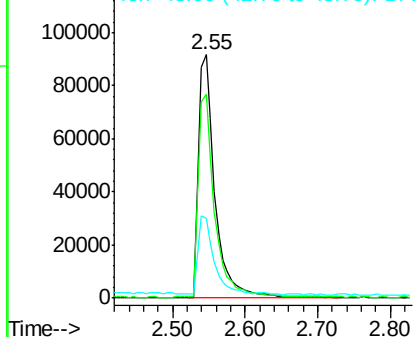
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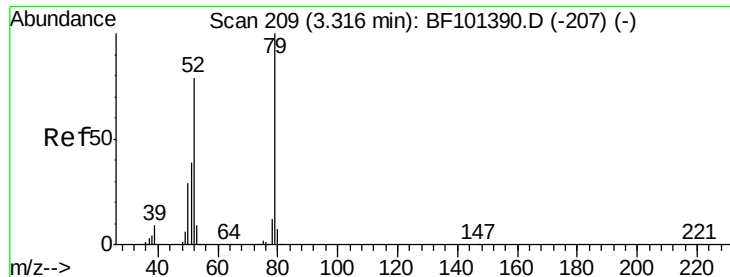
1,4-Dioxane
Concen: 33.611 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion: 88 Resp: 146616
Ion Ratio Lower Upper
88 100
58 82.3 62.6 93.8
43 29.6 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: 30.562 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

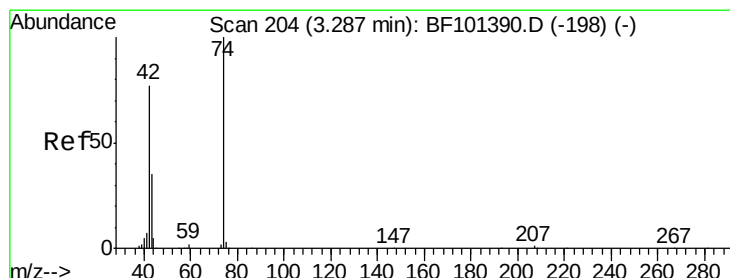
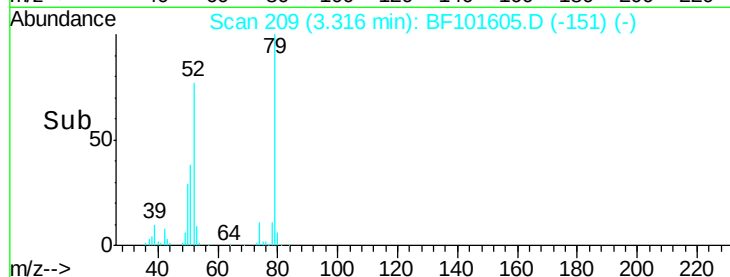
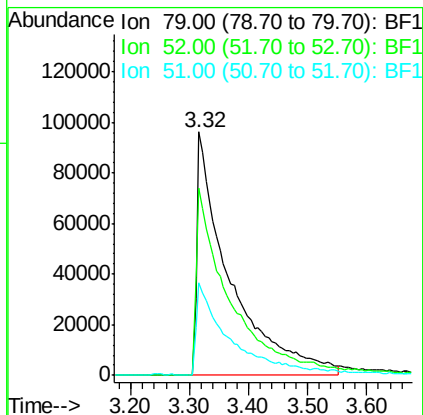
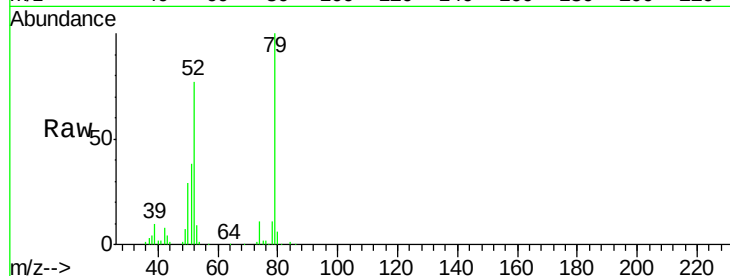
Tgt Ion: 79 Resp: 370399

Ion Ratio Lower Upper

79 100

52 77.0 59.8 89.6

51 38.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.592 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.03 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

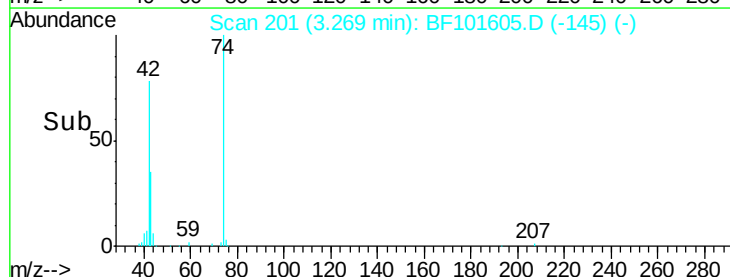
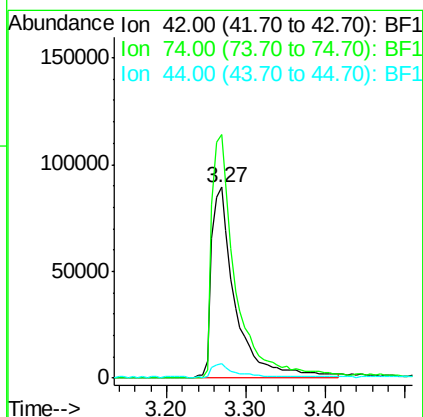
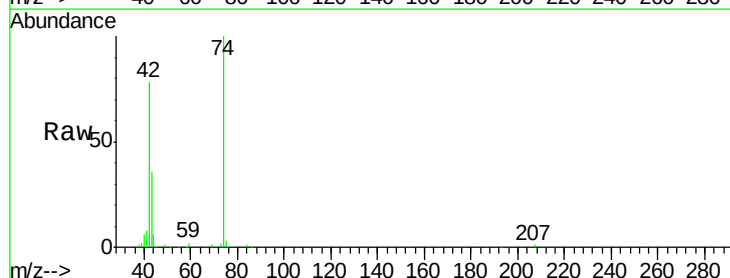
Tgt Ion: 42 Resp: 187451

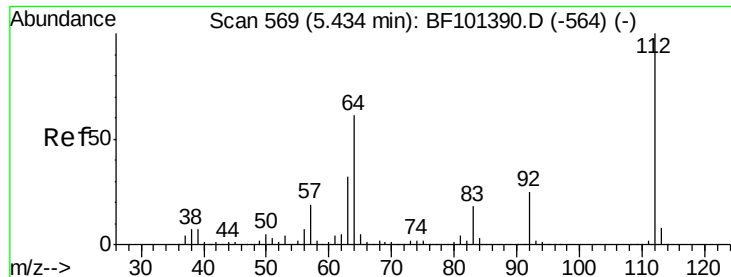
Ion Ratio Lower Upper

42 100

74 127.6 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 106.011 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

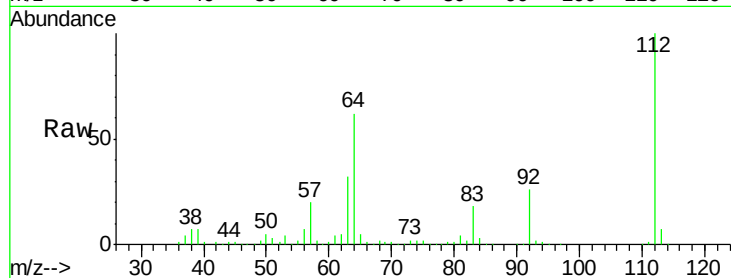
Tgt Ion: 112 Resp: 899962

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

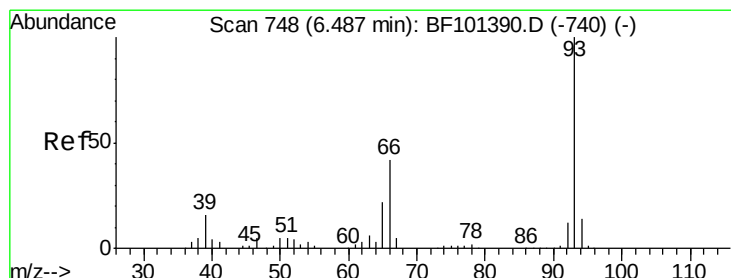
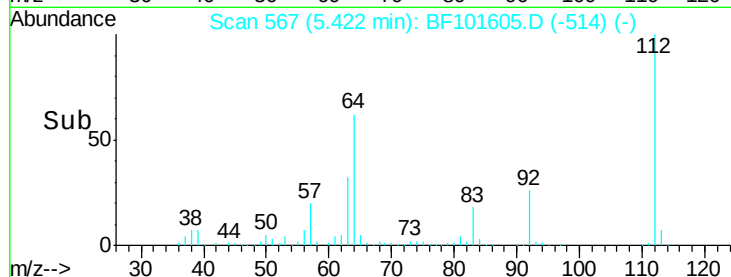
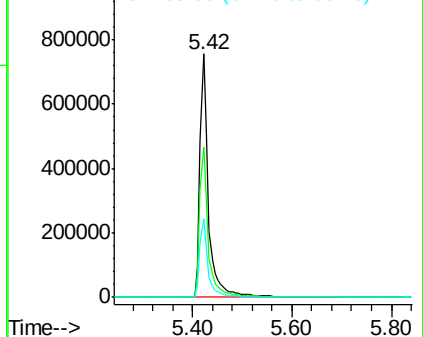
63 32.2 23.7 35.5



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: 15.231 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

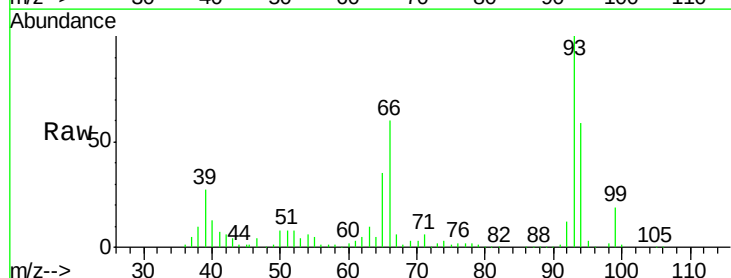
Tgt Ion: 93 Resp: 223625

Ion Ratio Lower Upper

93 100

66 59.8 32.2 48.2#

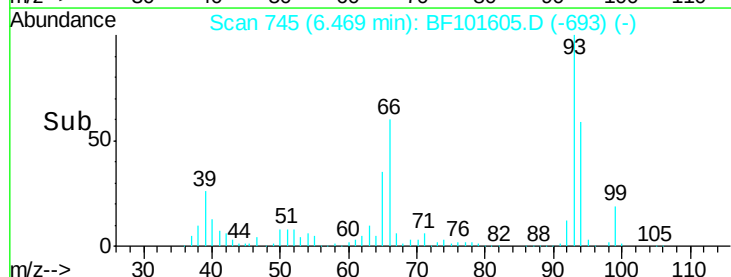
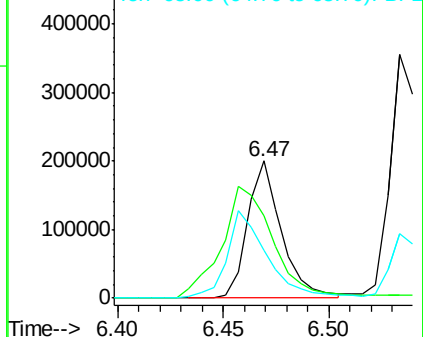
65 34.6 16.4 24.6#

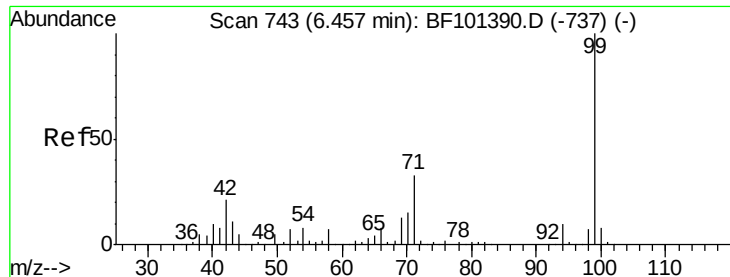


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.439 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

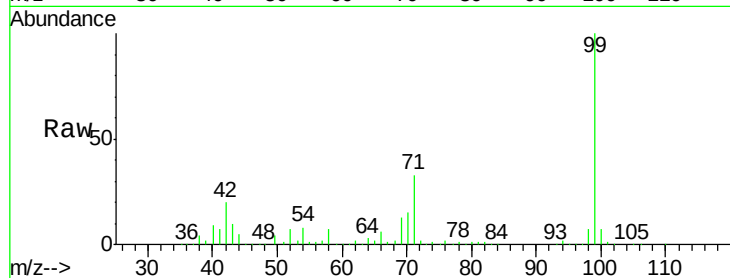
Tgt Ion: 99 Resp: 987208

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

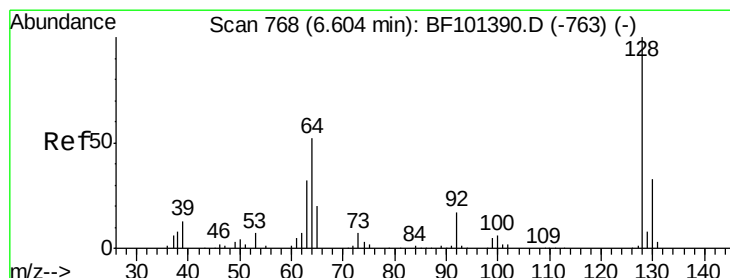
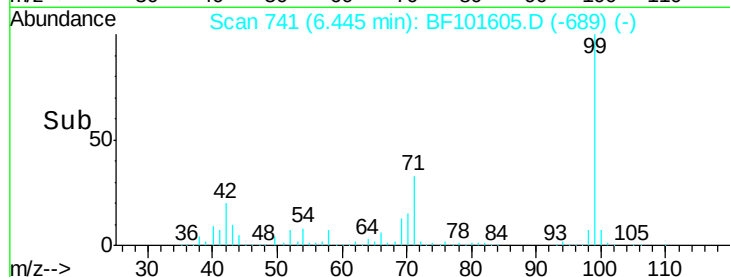
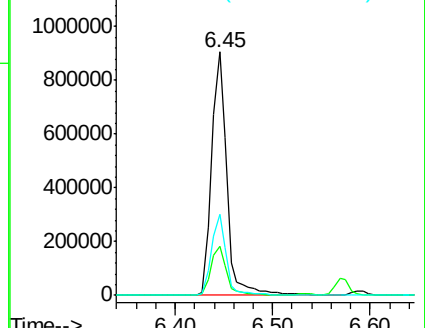
71 33.3 25.4 38.0



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: 33.613 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

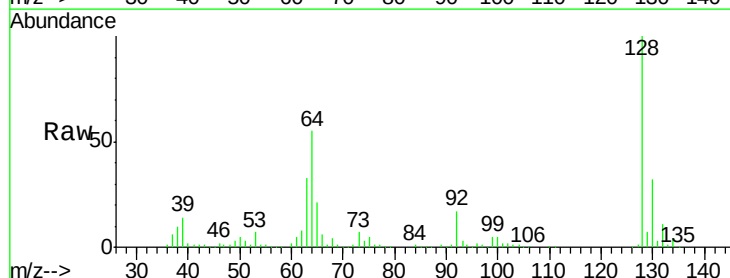
Tgt Ion: 128 Resp: 300167

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

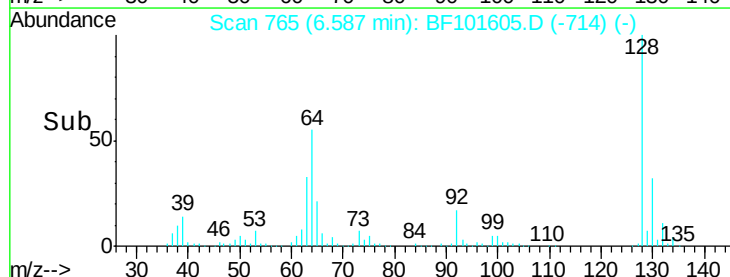
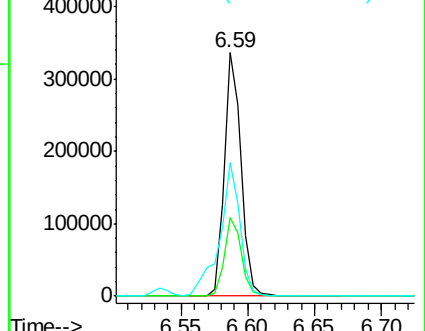
64 54.9 29.4 69.4

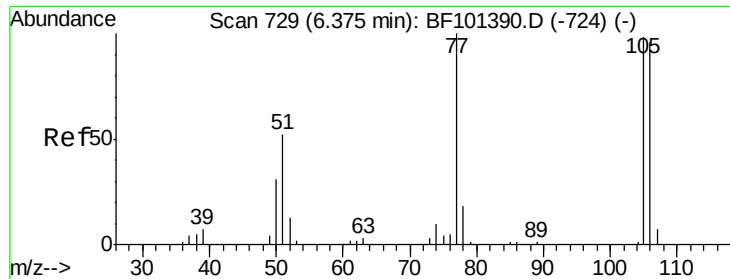


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

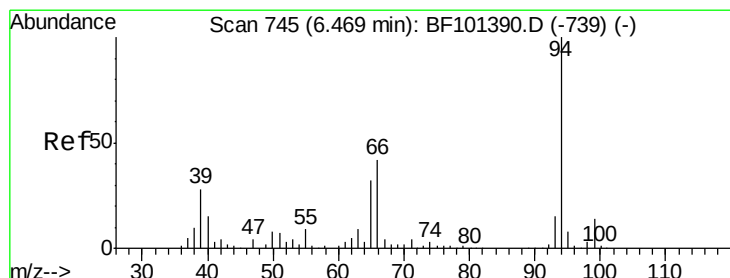
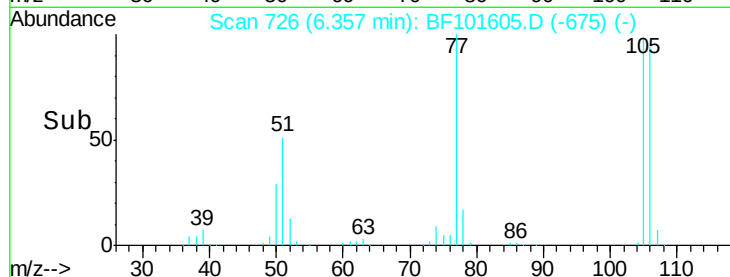
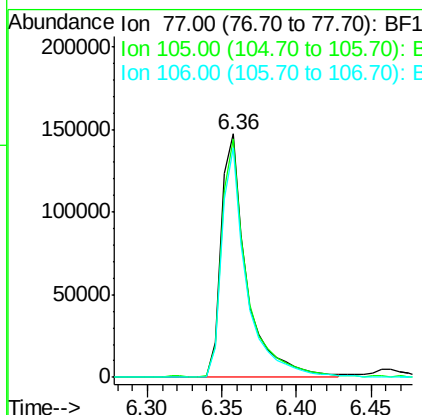
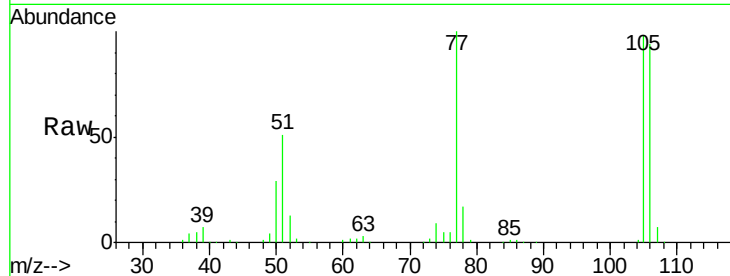




#9
Benzaldehyde
Concen: 22.846 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

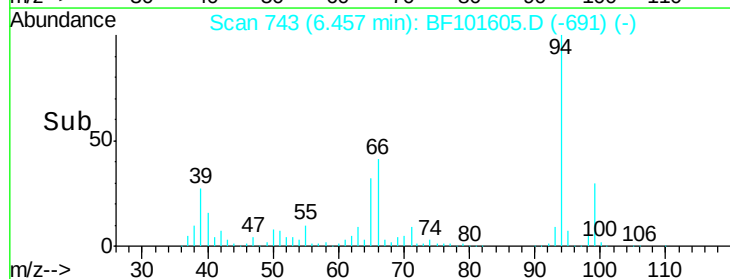
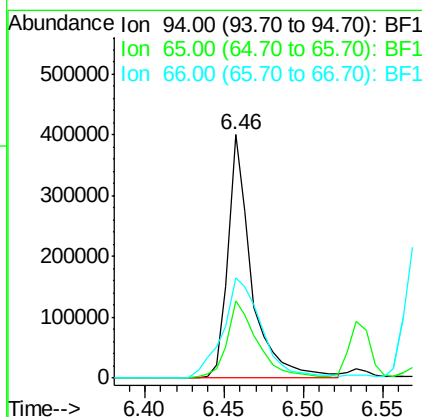
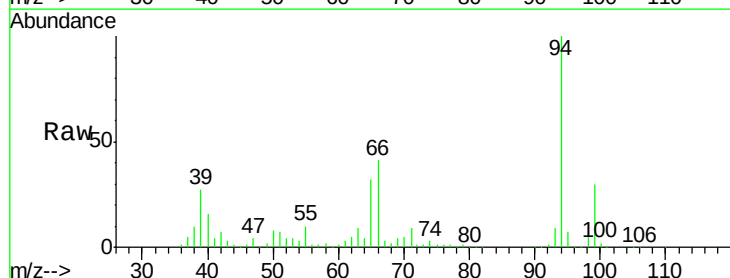
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

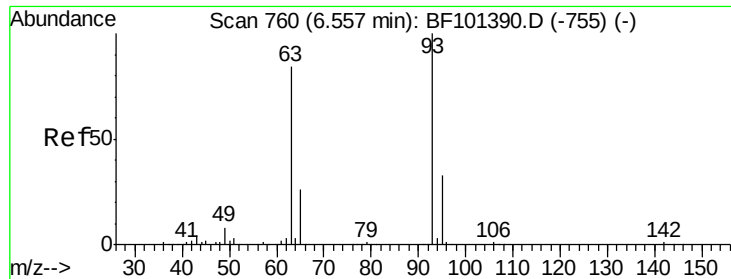
Tgt Ion: 77 Resp: 178262
Ion Ratio Lower Upper
77 100
105 97.8 81.1 121.1
106 94.1 74.5 114.5



#10
Phenol
Concen: 34.318 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion: 94 Resp: 413258
Ion Ratio Lower Upper
94 100
65 31.8 7.9 47.9
66 40.9 16.2 56.2

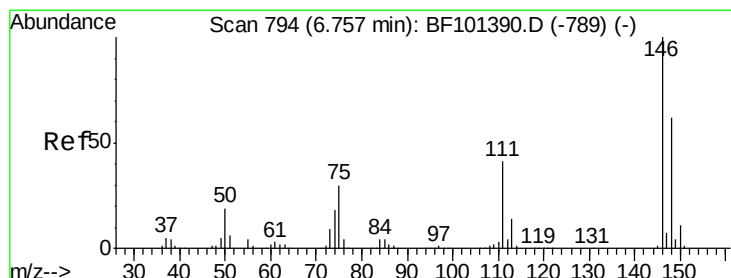
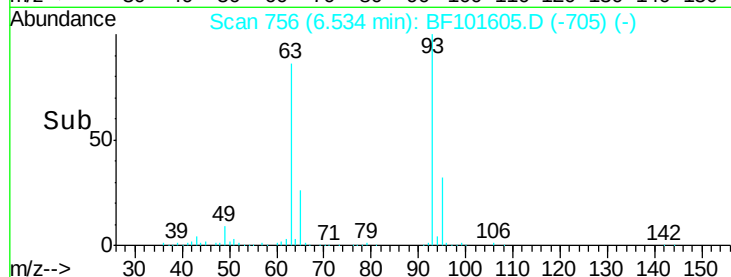
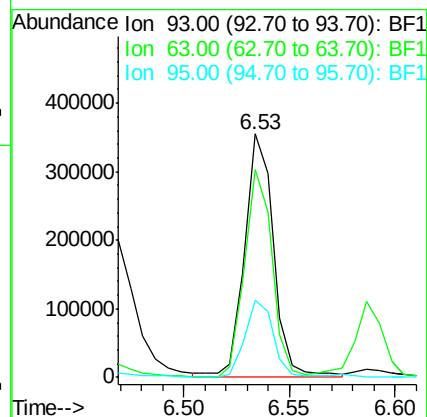
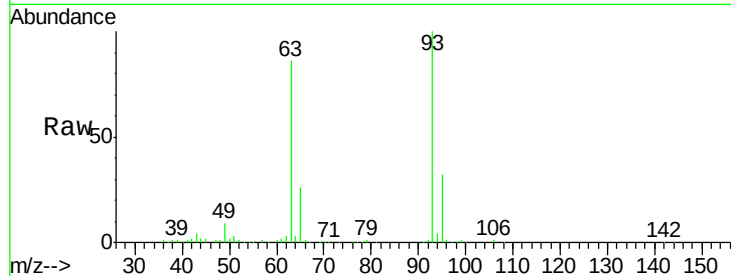




#11
bis(2-Chloroethyl)ether
Concen: 35.804 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

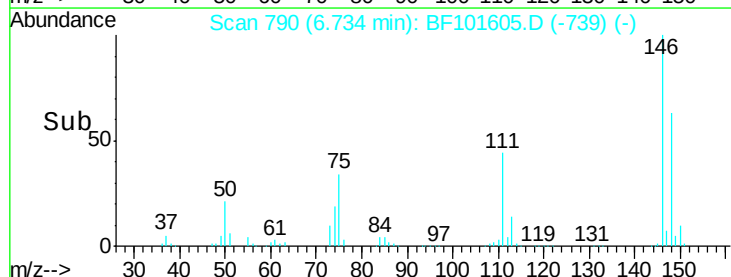
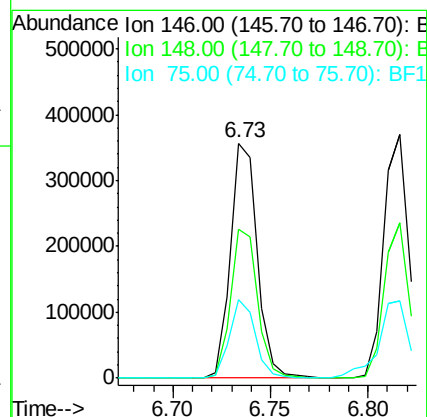
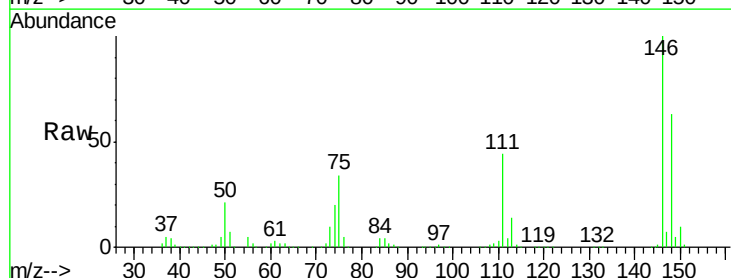
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

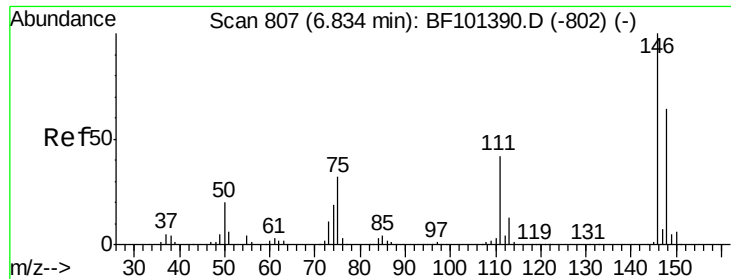
Tgt Ion: 93 Resp: 338190
Ion Ratio Lower Upper
93 100
63 85.5 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 33.873 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion: 146 Resp: 341396
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 33.6 24.2 36.4

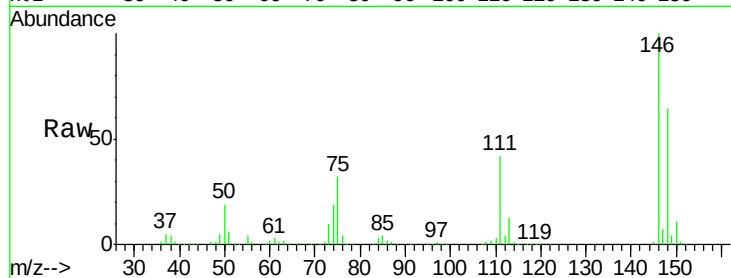




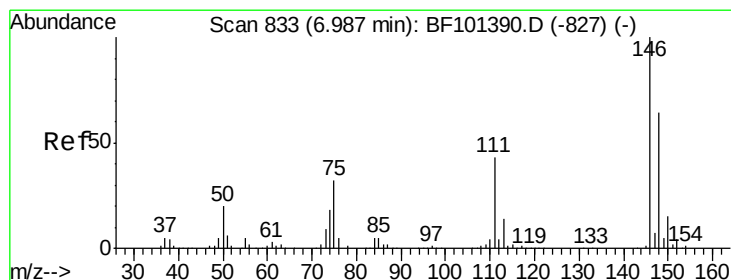
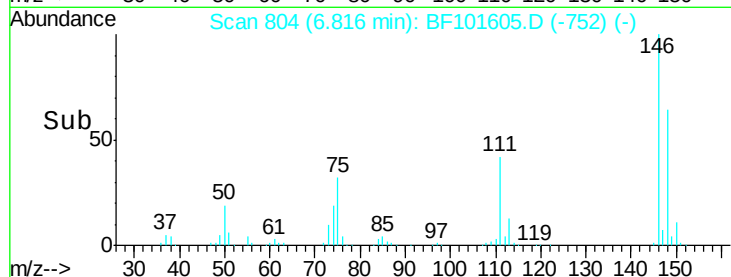
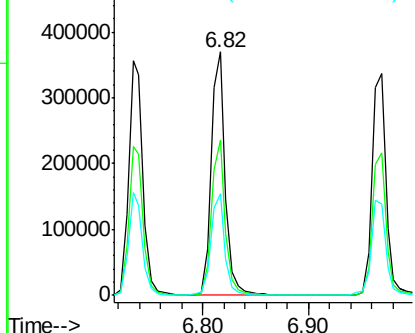
#13
 1,4-Dichlorobenzene
 Concen: 33.615 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

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

Tgt Ion:146 Resp: 345972
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 41.5 34.2 51.2

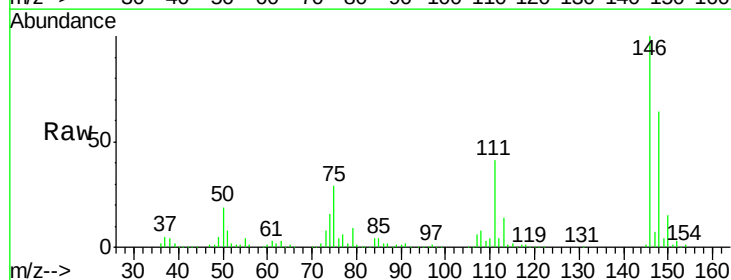


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

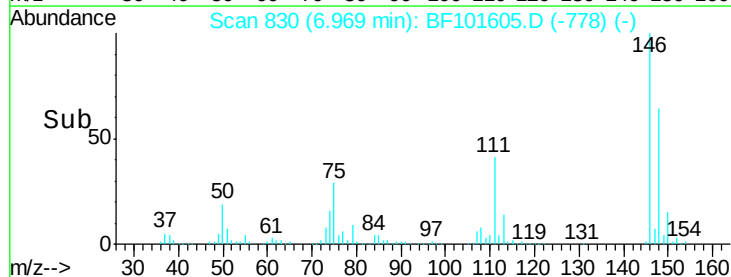
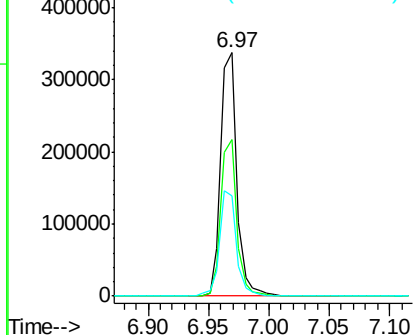


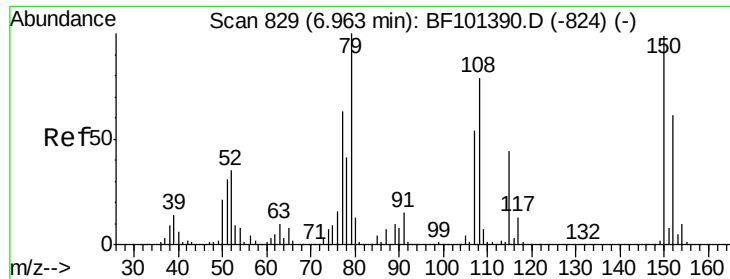
#14
 1,2-Dichlorobenzene
 Concen: 33.446 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:146 Resp: 309852
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 41.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 32.061 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

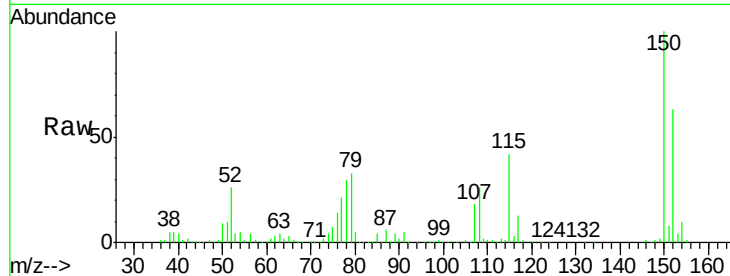
Tgt Ion: 79 Resp: 233153

Ion Ratio Lower Upper

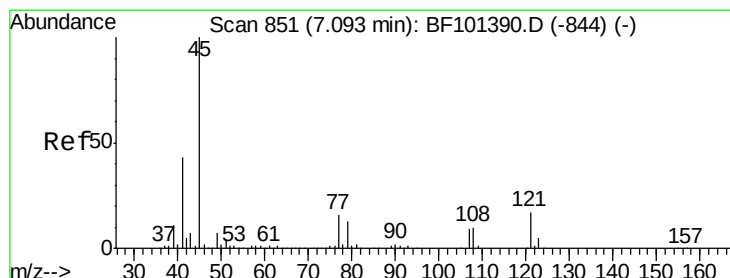
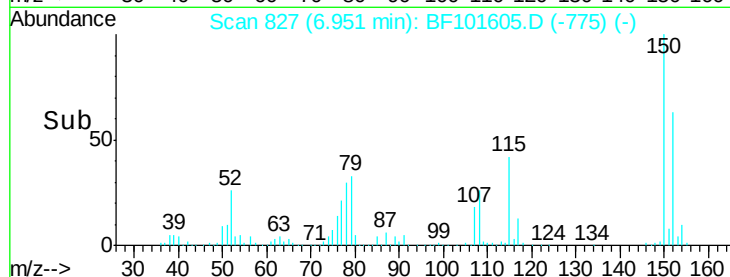
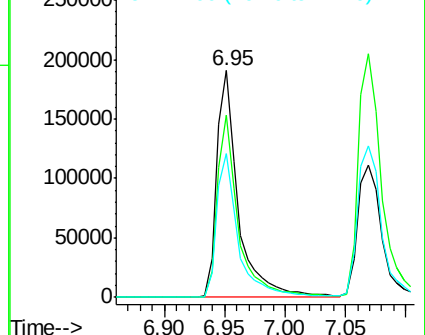
79 100

108 80.3 65.1 97.7

77 63.3 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.060 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

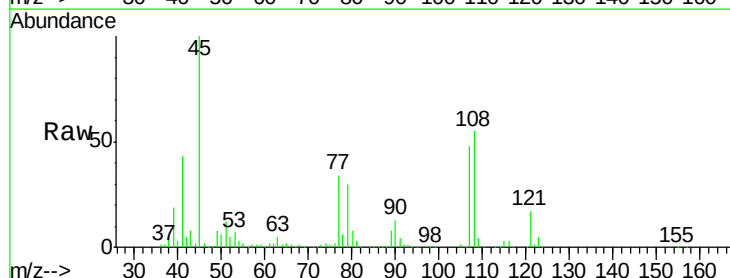
Tgt Ion: 45 Resp: 521294

Ion Ratio Lower Upper

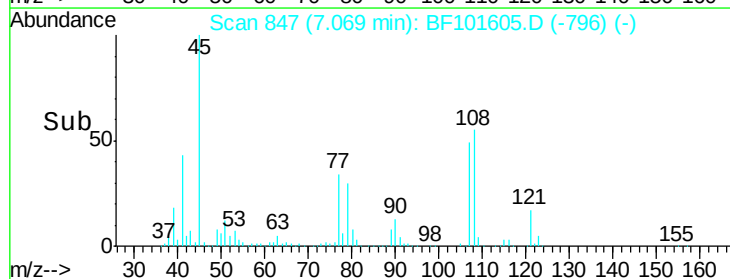
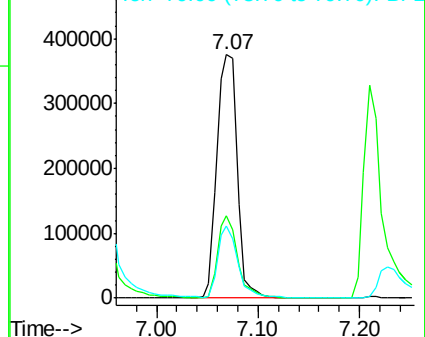
45 100

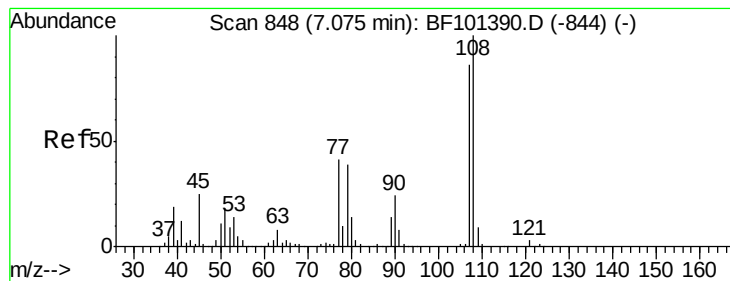
77 33.9 0.0 32.9#

79 29.7 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: 29.051 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tgt Ion:107 Resp: 238638

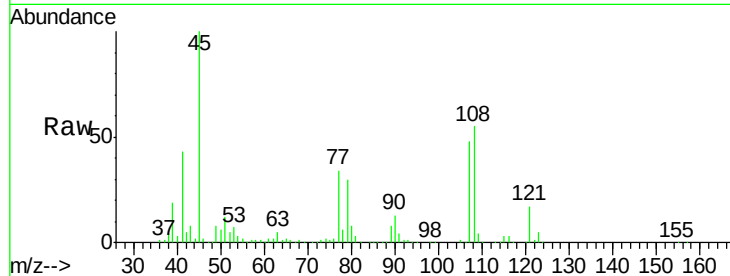
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 70.0 33.8 50.8#

79 61.4 33.8 50.8#

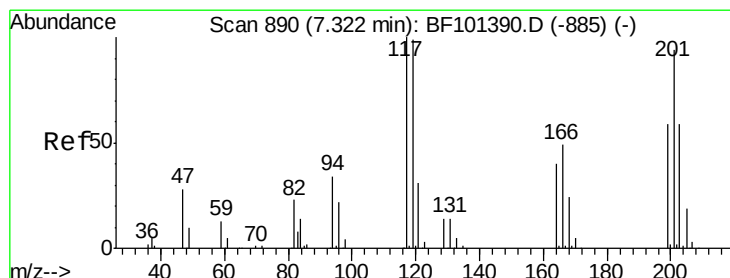
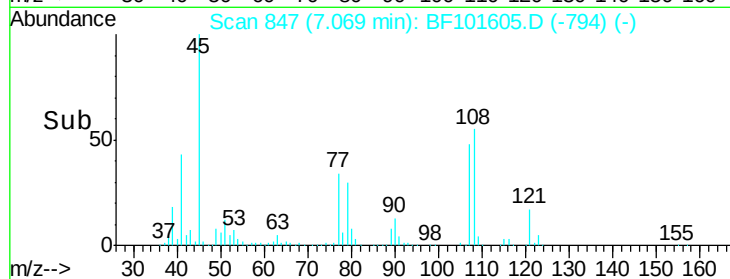
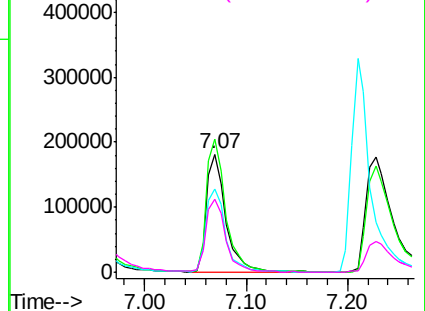


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.419 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

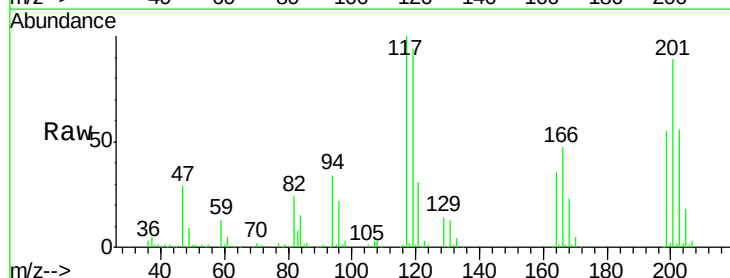
Tgt Ion:117 Resp: 108850

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

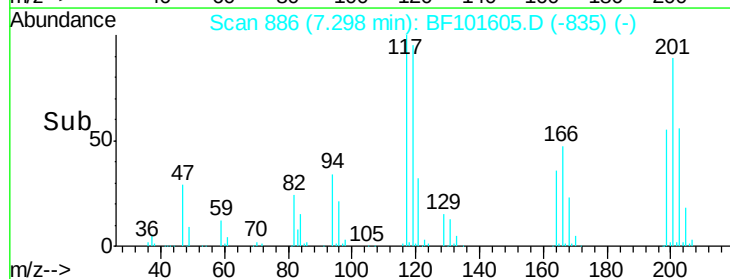
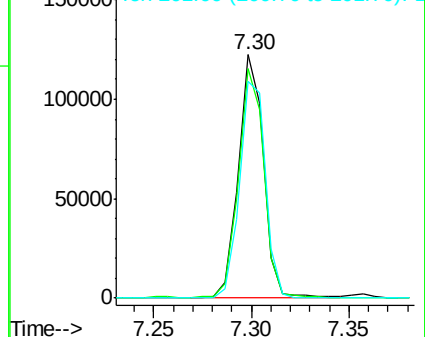
201 88.8 75.7 113.5

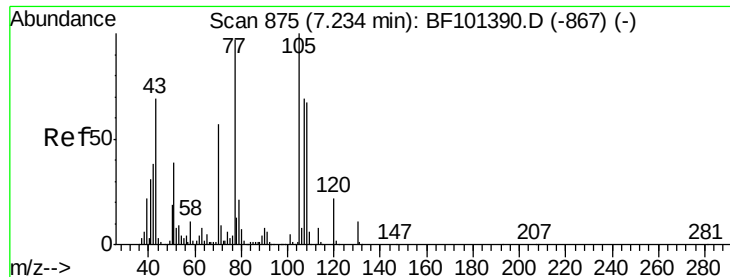


Abundance Ion 117.00 (116.70 to 117.70): E

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: 31.836 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tgt Ion: 70 Resp: 220890

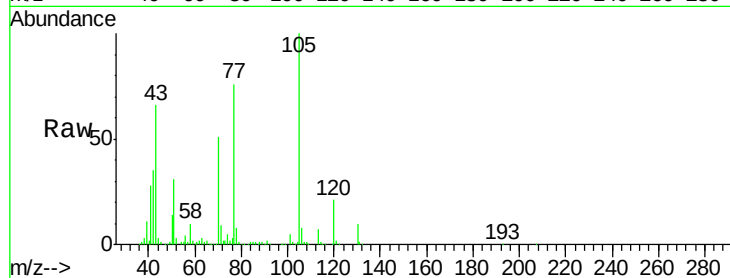
Ion Ratio Lower Upper

70 100

42 68.1 47.5 71.3

101 8.9 7.4 11.2

130 18.6 16.6 25.0

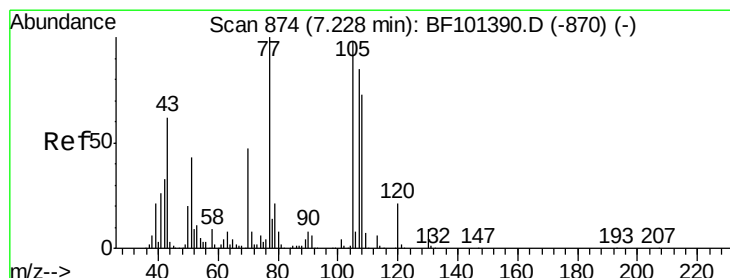
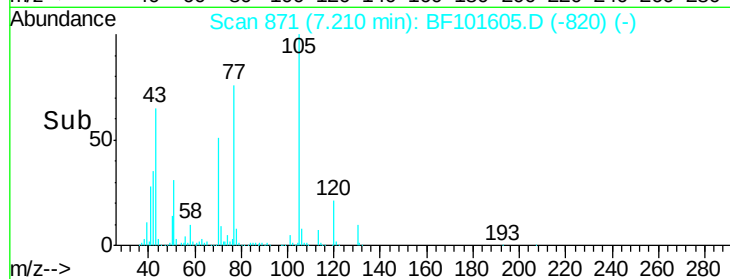
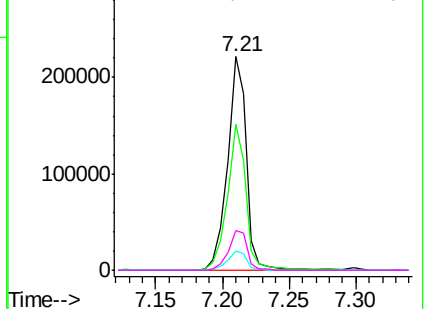


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.241 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion: 107 Resp: 332879

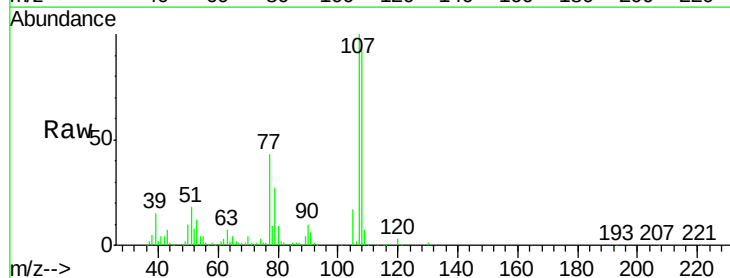
Ion Ratio Lower Upper

107 100

108 91.6 68.2 108.2

77 43.3 26.7 66.7

79 27.0 6.3 46.3

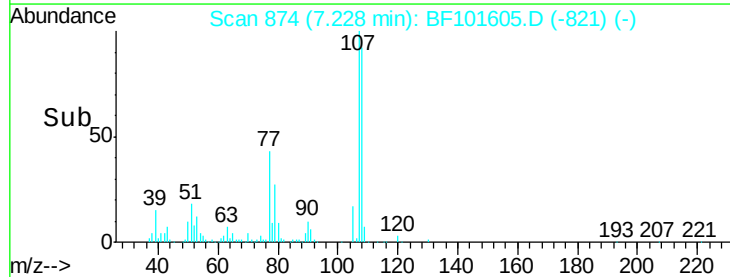
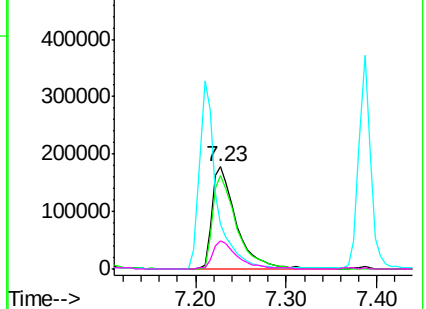


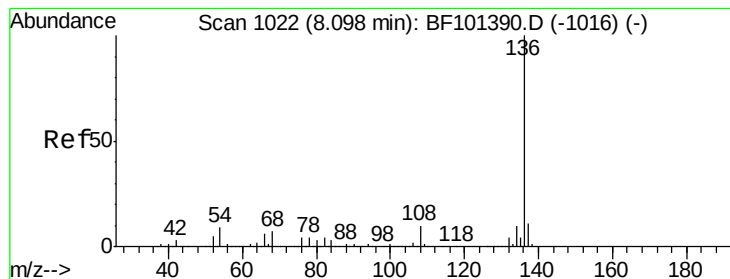
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tgt Ion:136 Resp: 462778

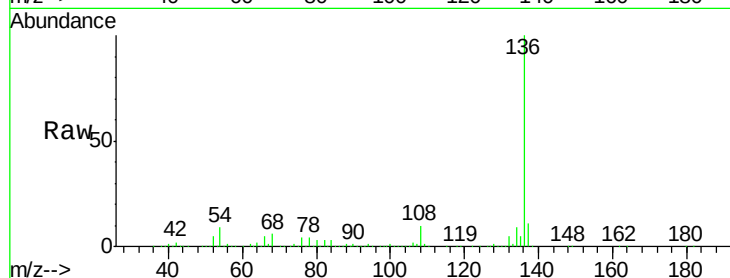
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.7 6.6 9.8

68 5.8 5.0 7.4

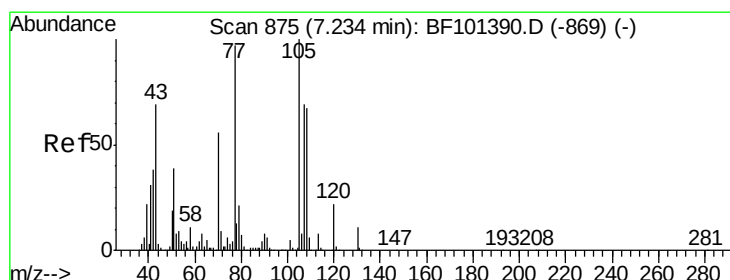
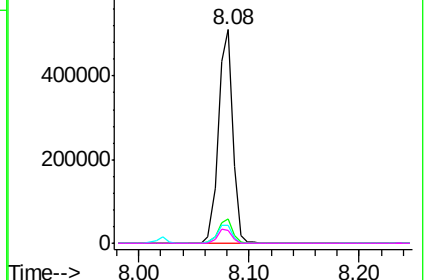
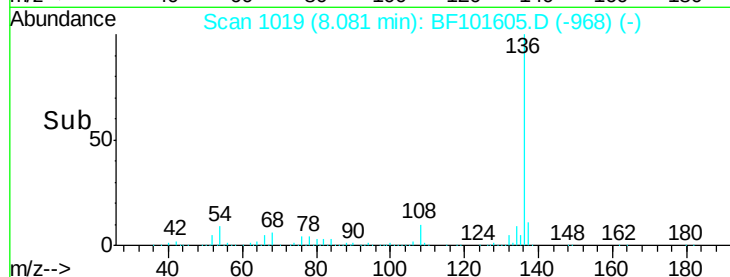


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.167 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:105 Resp: 434705

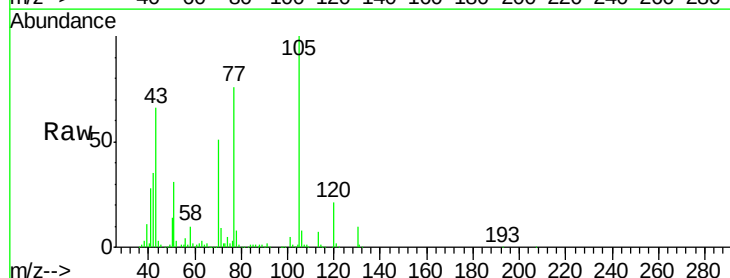
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 31.1 22.3 33.5

120 20.9 16.9 25.3

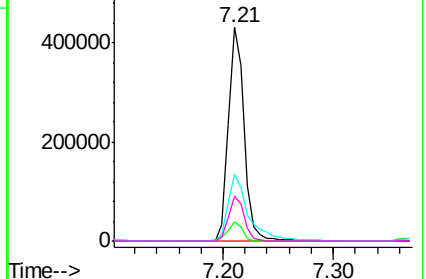
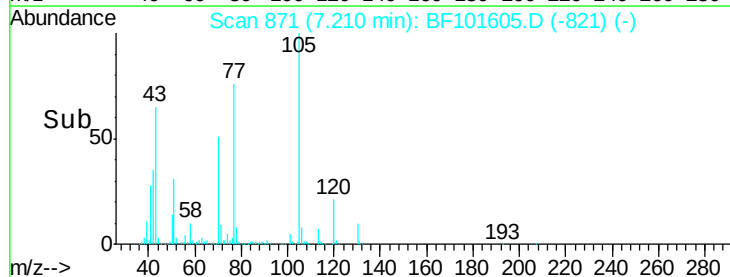


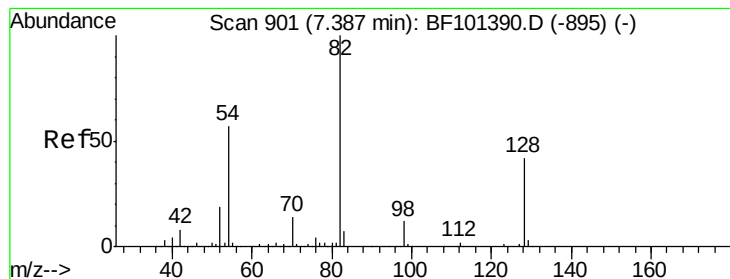
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.753 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

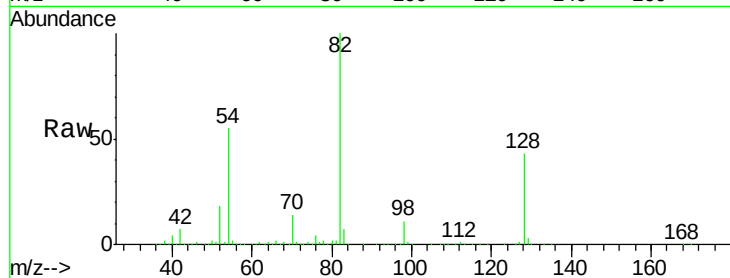
Tgt Ion: 82 Resp: 638086

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

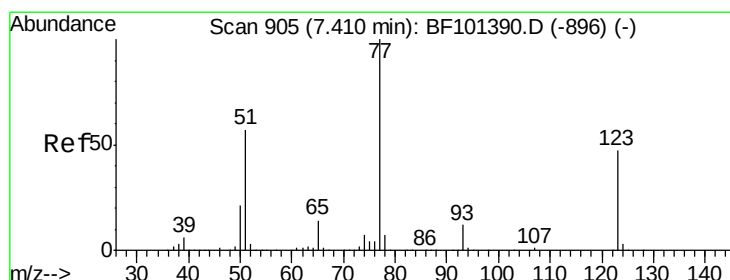
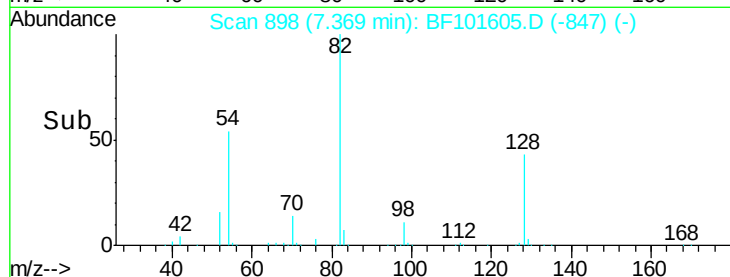
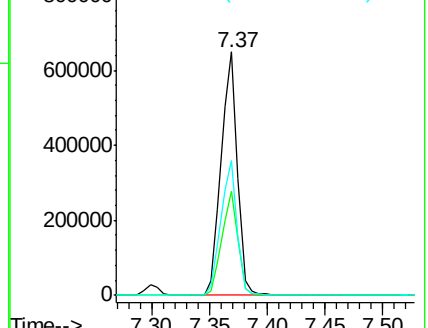
54 55.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.658 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

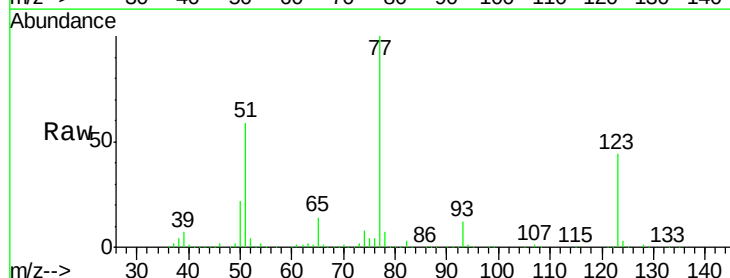
Tgt Ion: 77 Resp: 328090

Ion Ratio Lower Upper

77 100

123 43.8 37.9 56.9

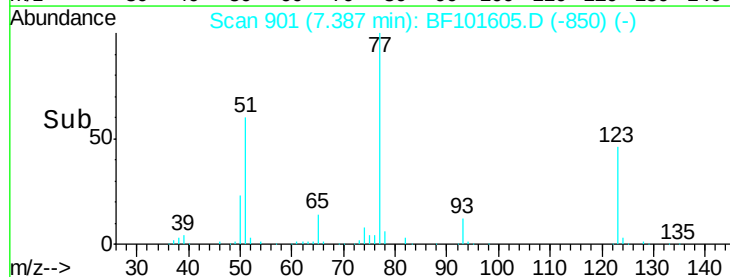
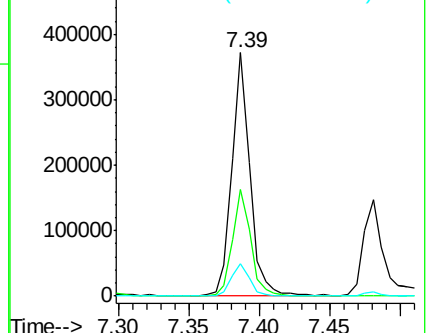
65 13.6 11.0 16.4

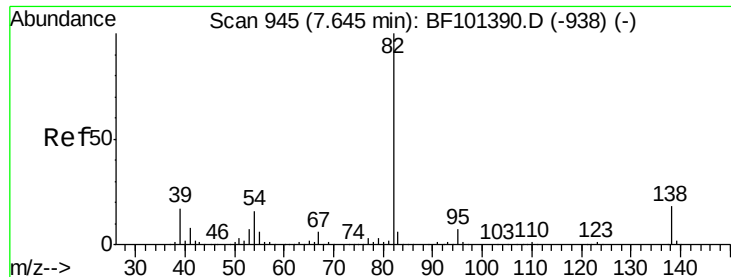


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.893 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

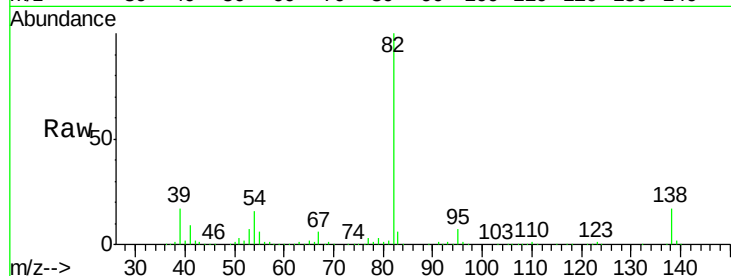
Tgt Ion: 82 Resp: 581926

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

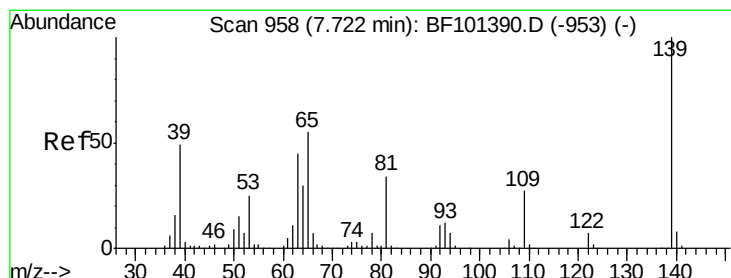
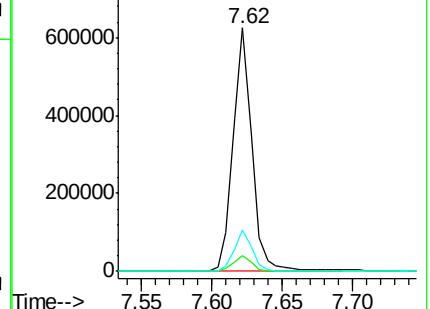
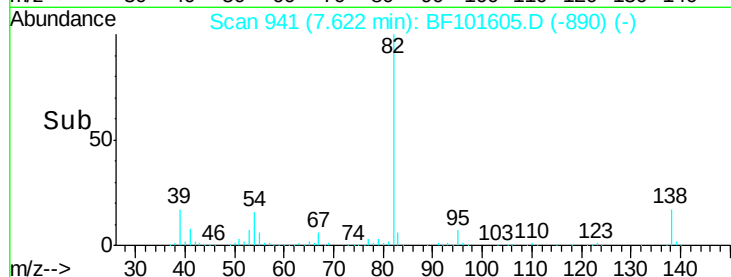
138 16.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.126 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

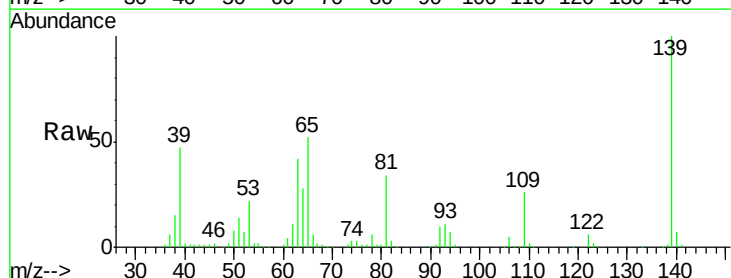
Tgt Ion: 139 Resp: 150710

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

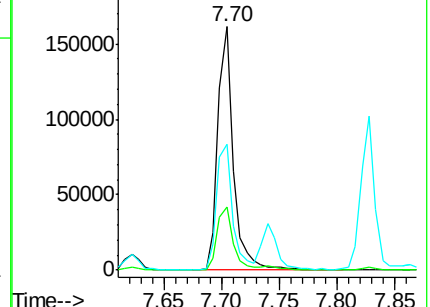
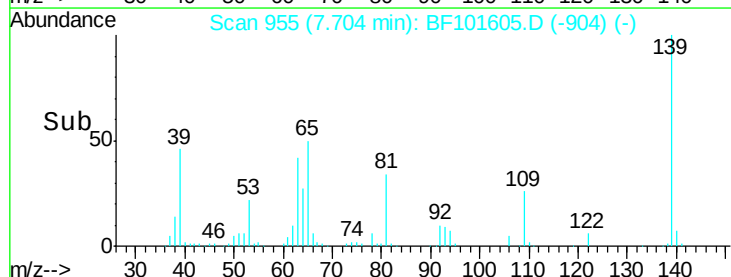
65 51.8 40.5 60.7

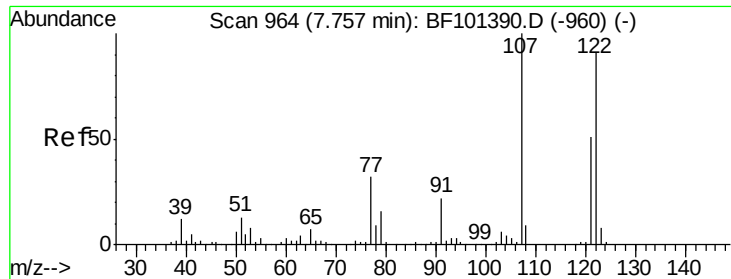


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.510 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

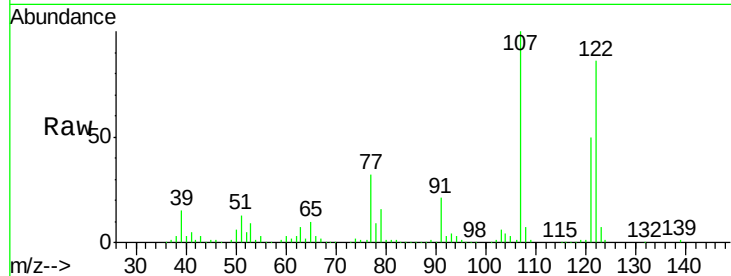
Tgt Ion:122 Resp: 251893

Ion Ratio Lower Upper

122 100

107 116.1 91.2 136.8

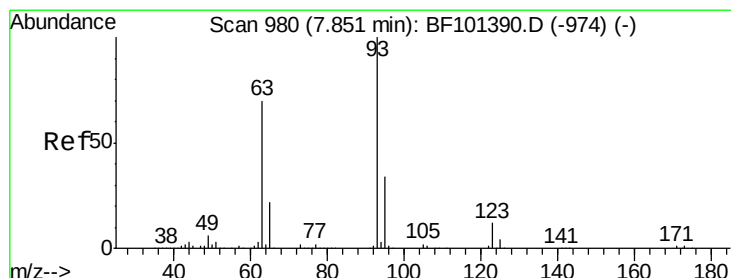
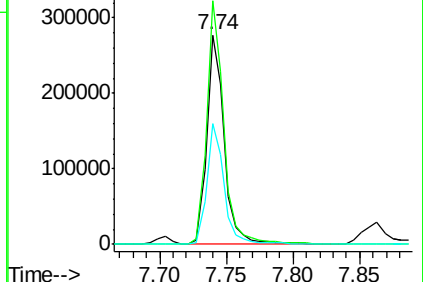
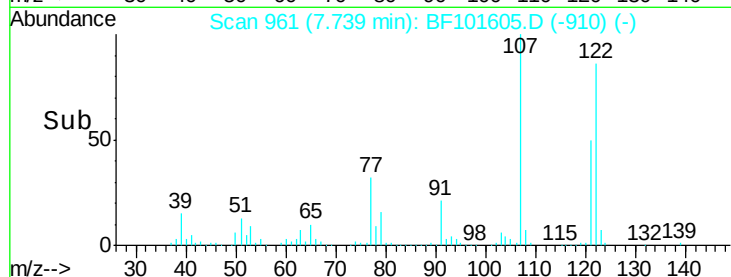
121 57.5 47.2 70.8



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: 35.469 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

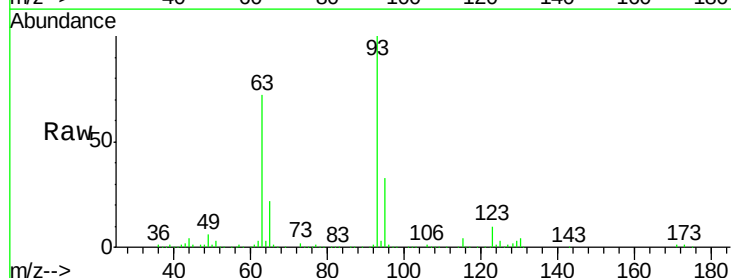
Tgt Ion: 93 Resp: 375755

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

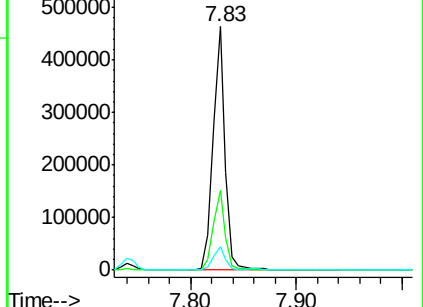
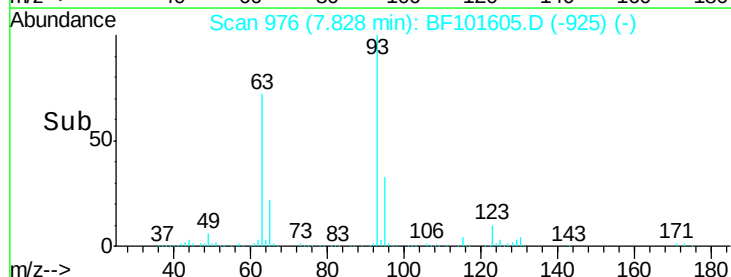
123 9.8 9.8 14.6

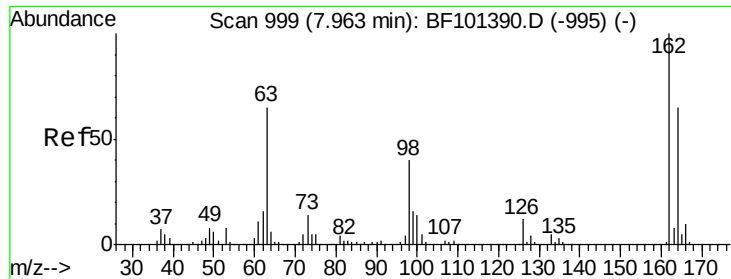


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

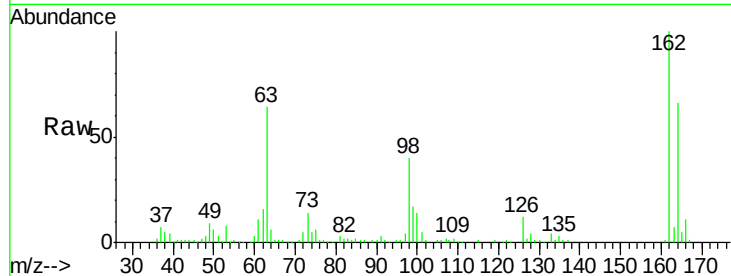




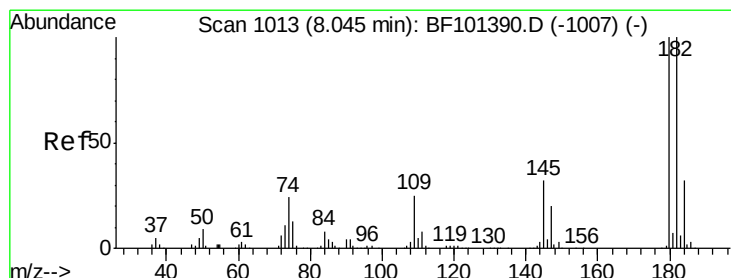
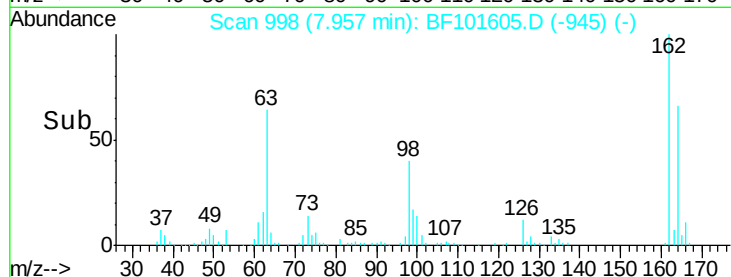
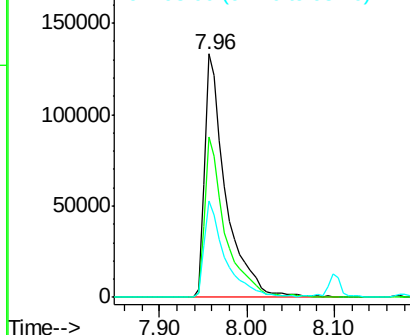
#29
 2,4-Dichlorophenol
 Concen: 33.666 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.7	82.7
98	39.6	18.1	58.1

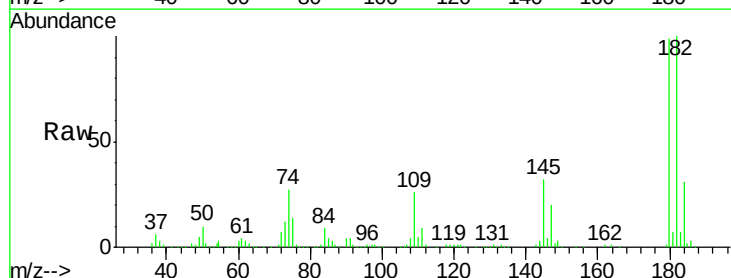


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

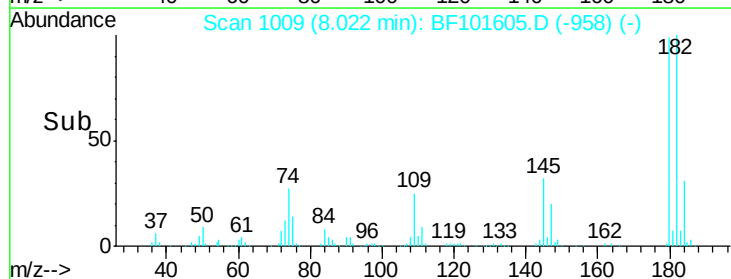
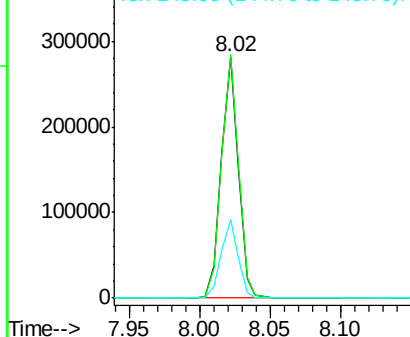


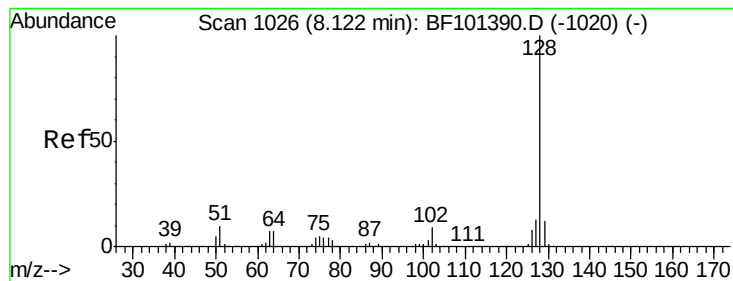
#30
 1,2,4-Trichlorobenzene
 Concen: 34.097 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	76.8	115.2
145	32.8	26.5	39.7



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





#31

Naphthalene

Concen: 34.671 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

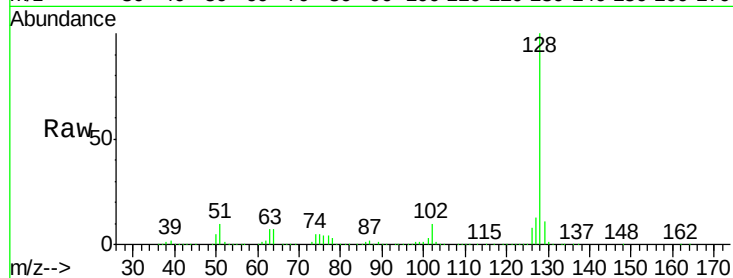
Tgt Ion:128 Resp: 807753

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

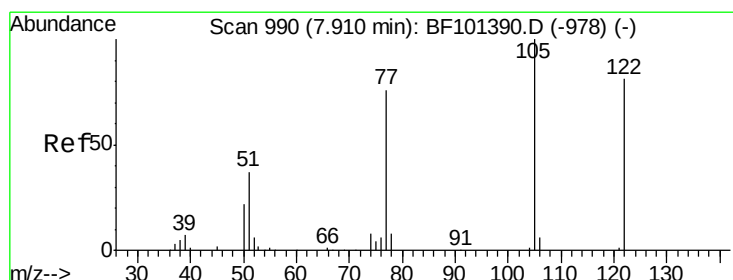
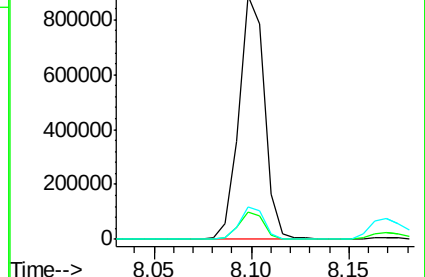
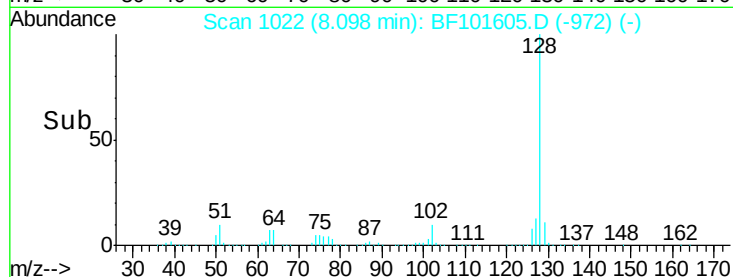
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.560 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

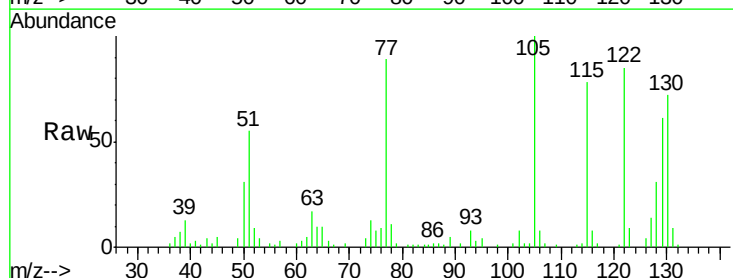
Tgt Ion:122 Resp: 46646

Ion Ratio Lower Upper

122 100

105 117.2 101.1 141.1

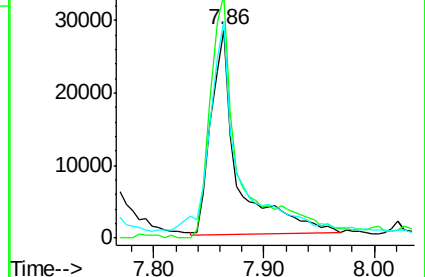
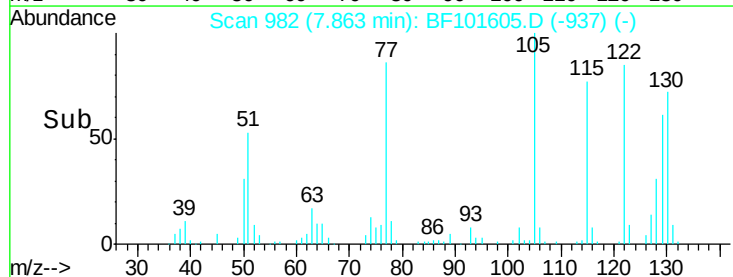
77 104.2 70.7 110.7

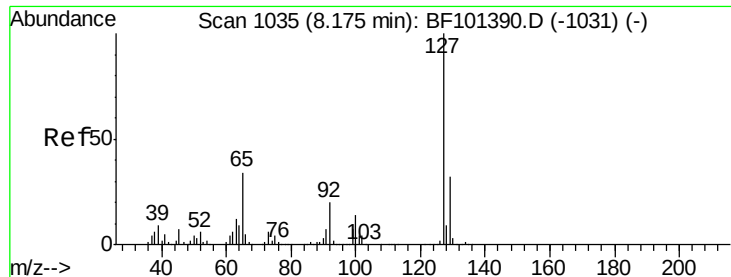


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

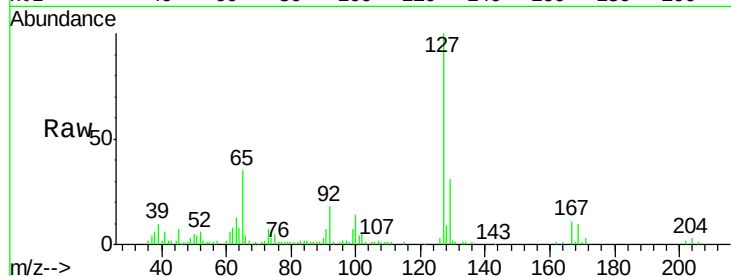




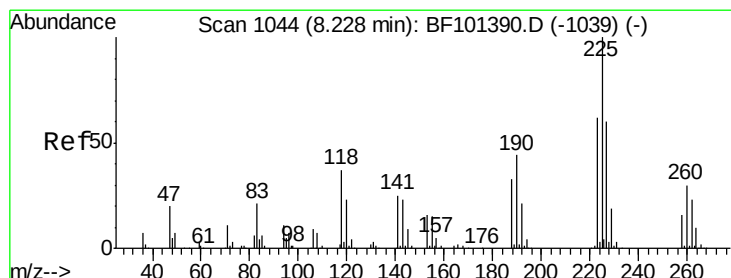
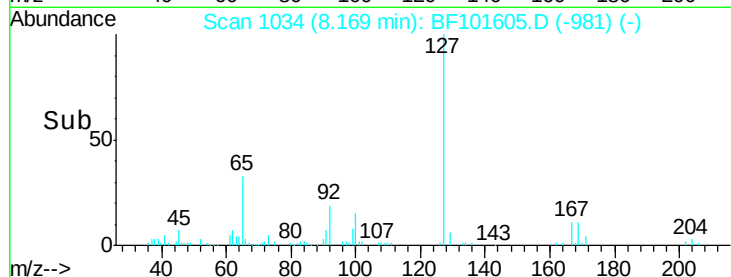
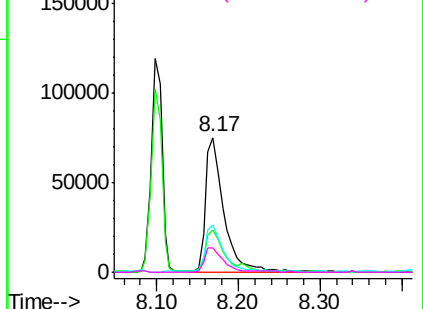
#33
4-Chloroaniline
Concen: 11.550 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

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

Tgt Ion:	127	Resp:	116958
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	35.1	25.0	37.4
92	18.2	15.2	22.8

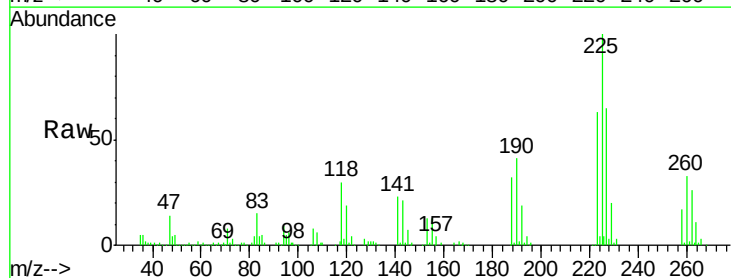


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

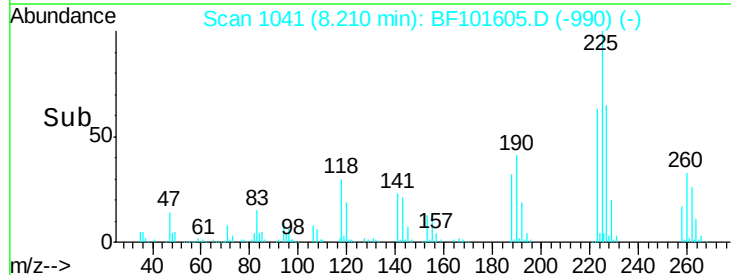
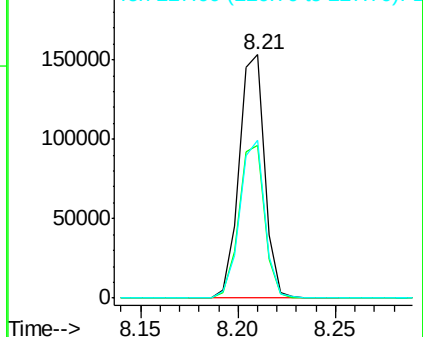


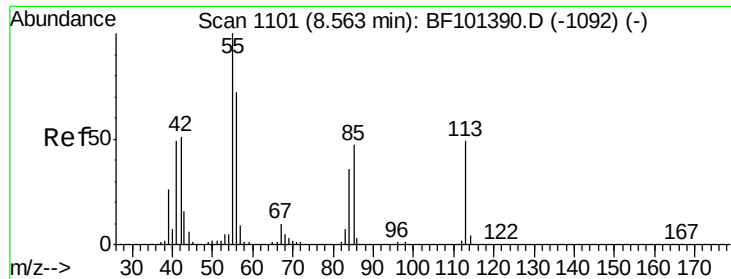
#34
Hexachlorobutadiene
Concen: 34.457 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:	225	Resp:	139531
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.6	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

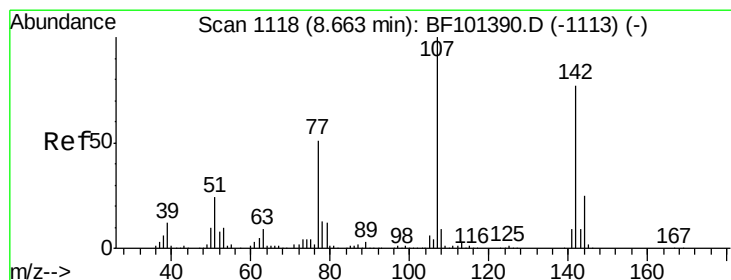
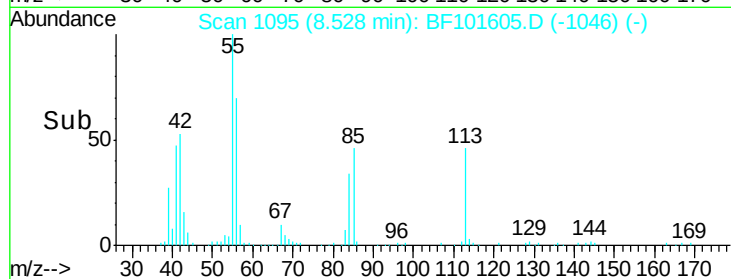
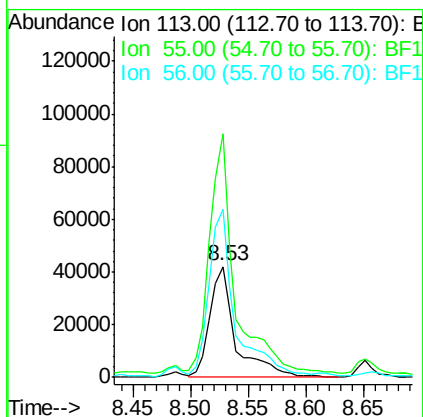
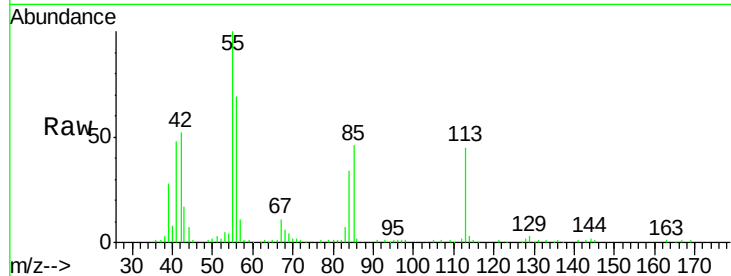




#35
 Caprolactam
 Concen: 28.893 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

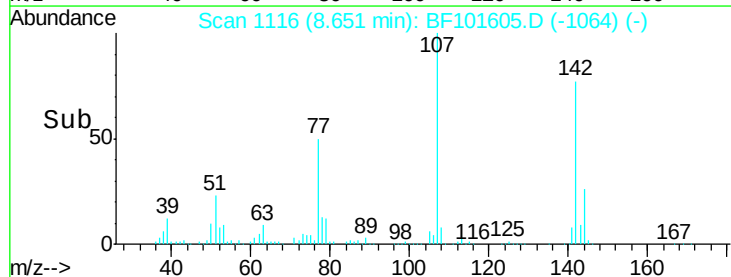
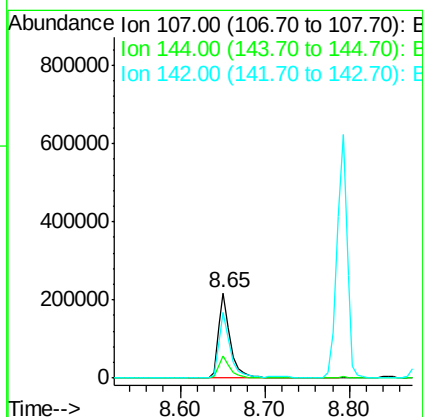
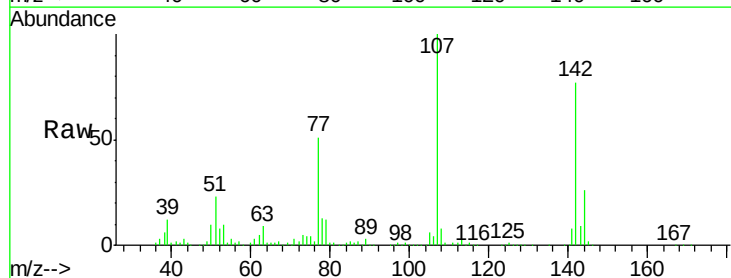
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

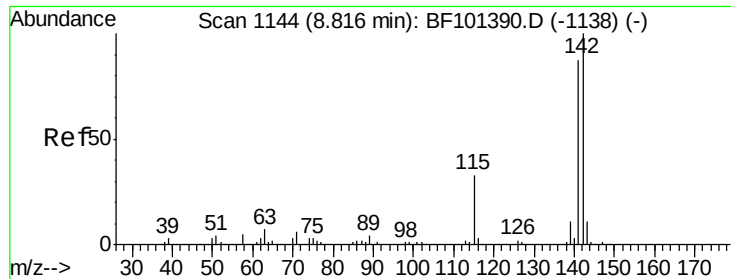
Tgt Ion:113 Resp: 66561
 Ion Ratio Lower Upper
 113 100
 55 219.9 163.3 203.3#
 56 152.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 30.228 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:107 Resp: 220429
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 77.3 62.0 93.0

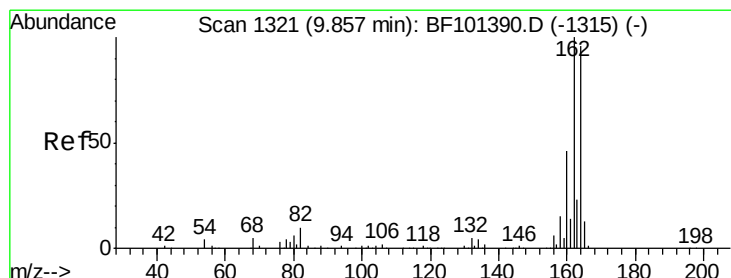
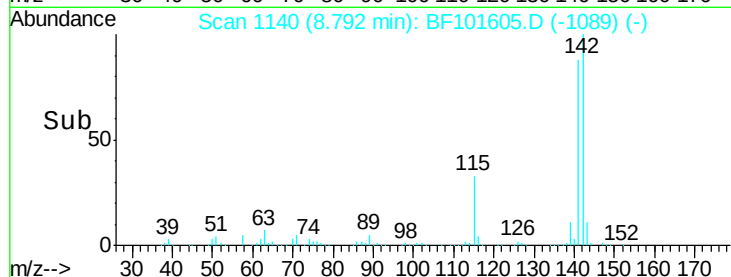
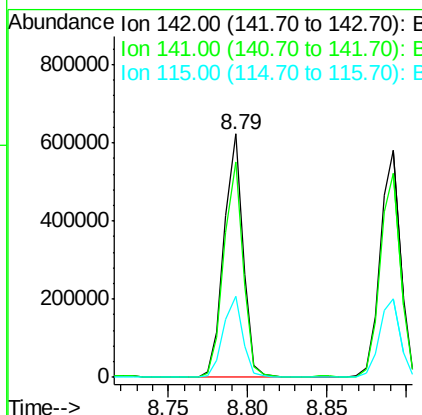
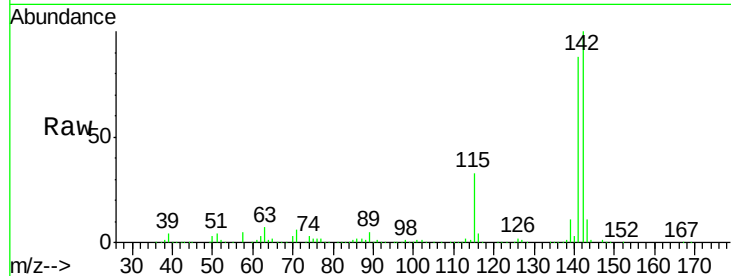




#37
 2-Methylnaphthalene
 Concen: 34.322 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

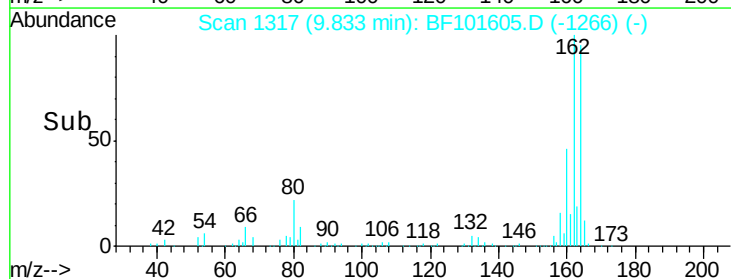
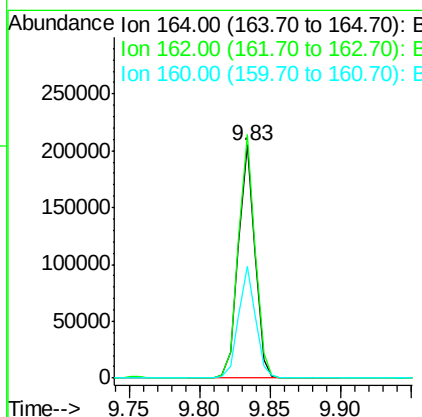
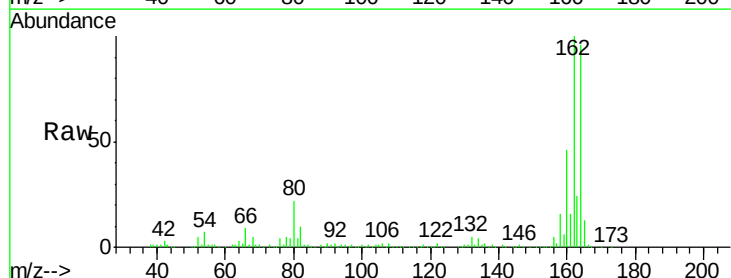
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

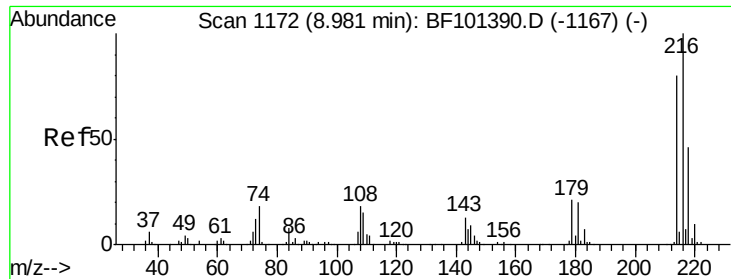
Tgt Ion:142 Resp: 520975
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.8 106.2
 115 33.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:164 Resp: 169284
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 48.1 38.3 57.5

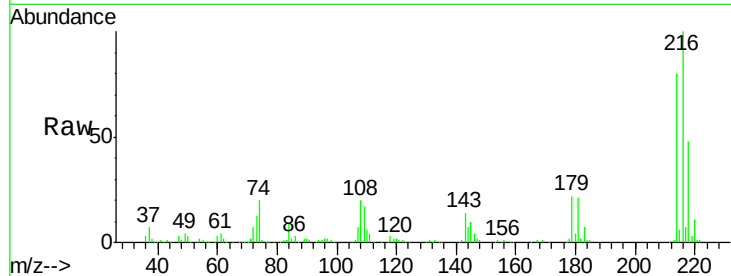




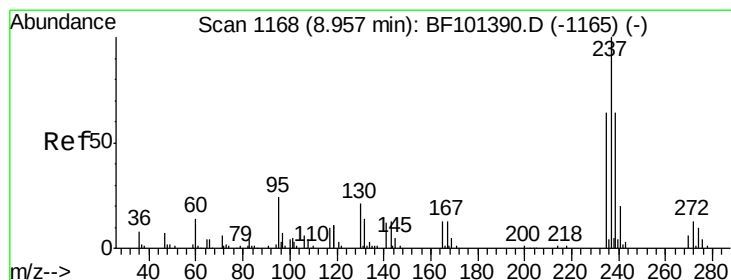
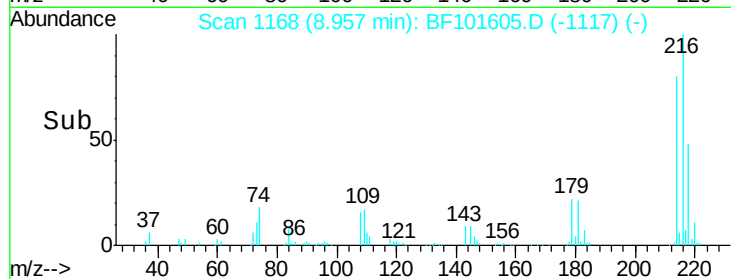
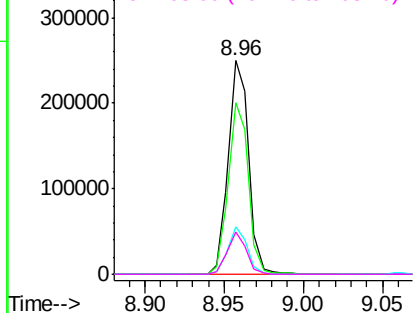
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.942 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

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

Tgt Ion:	216	Resp:	222570
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.9	18.1	27.1
108	18.5	17.2	25.8

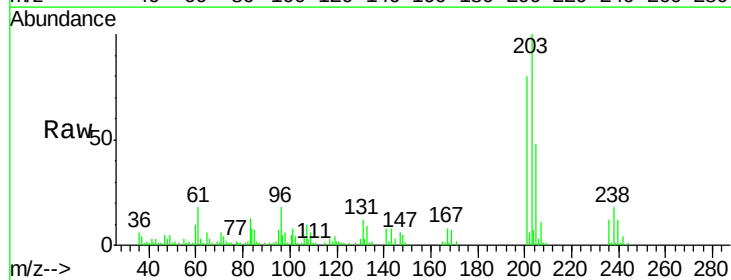


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

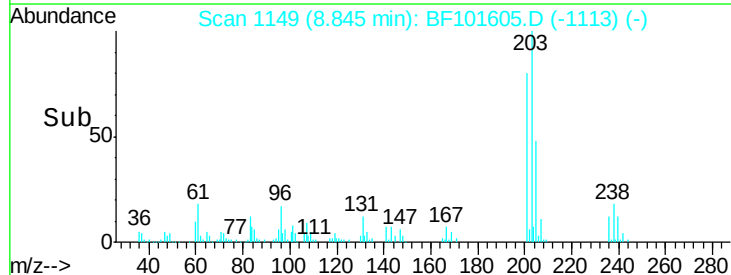
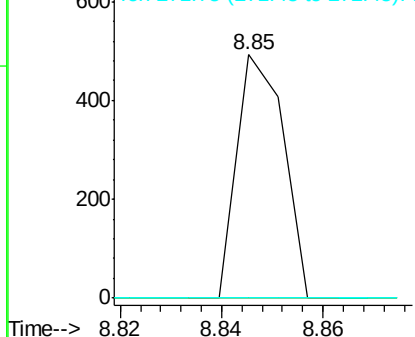


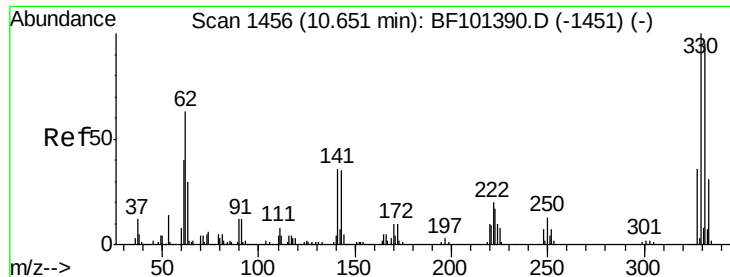
#40
 Hexachlorocyclopentadiene
 Concen: 11.685 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.09 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:	237	Resp:	318
Ion	Ratio	Lower	Upper
237	100		
235	0.0	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

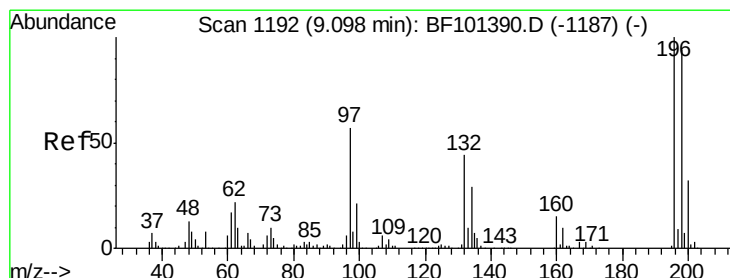
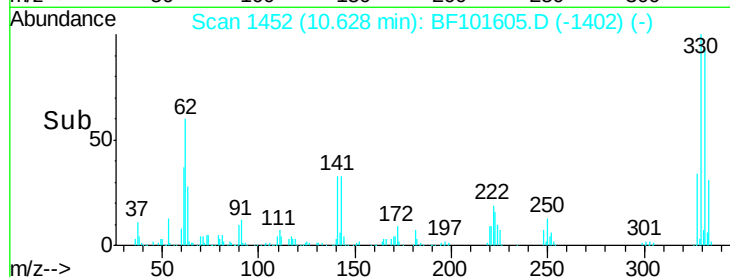
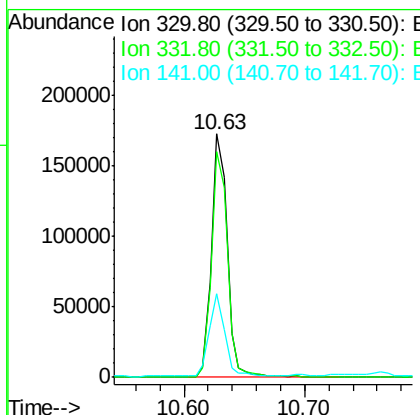
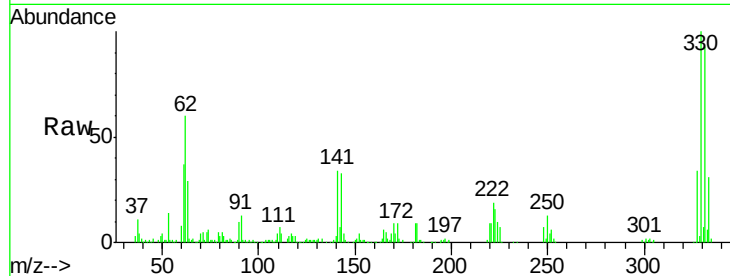




#41
 2,4,6-Tribromophenol
 Concen: 96.144 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

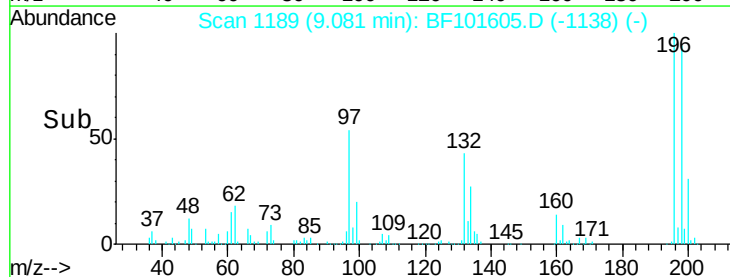
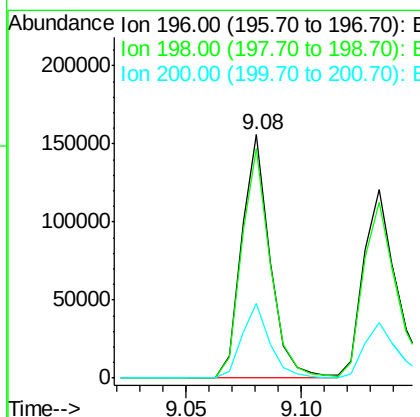
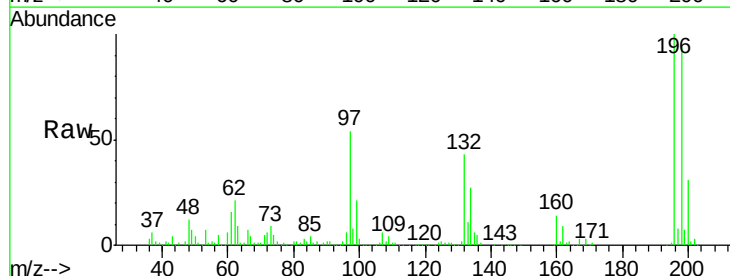
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

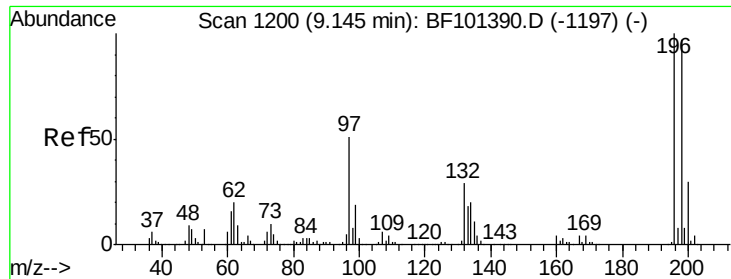
Tgt Ion:330 Resp: 156829
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.5 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.020 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:196 Resp: 134262
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 30.7 24.5 36.7

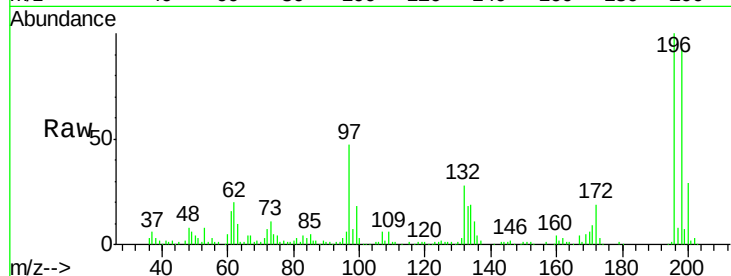




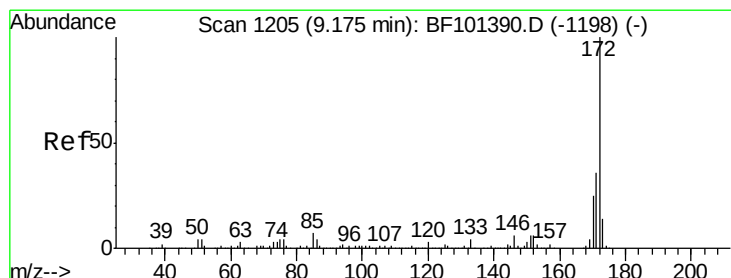
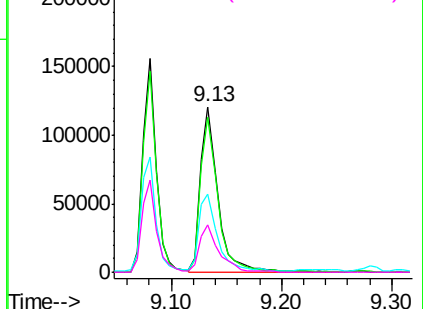
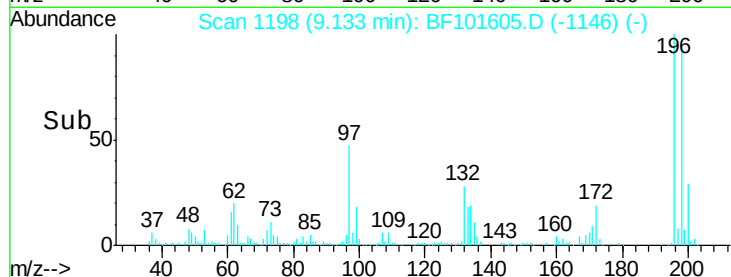
#43
 2,4,5-Trichlorophenol
 Concen: 33.776 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.6	112.0
97	47.5	42.9	64.3
132	28.3	26.3	39.5

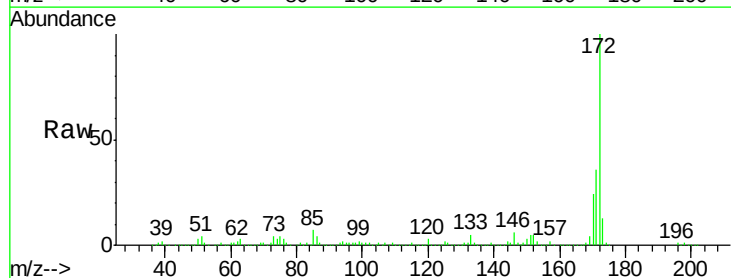


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

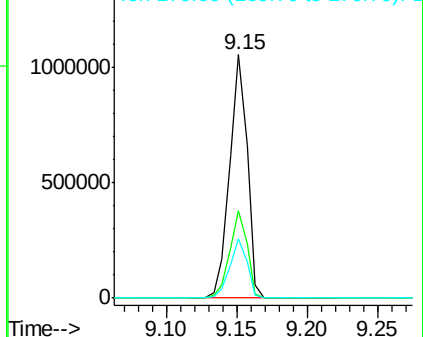
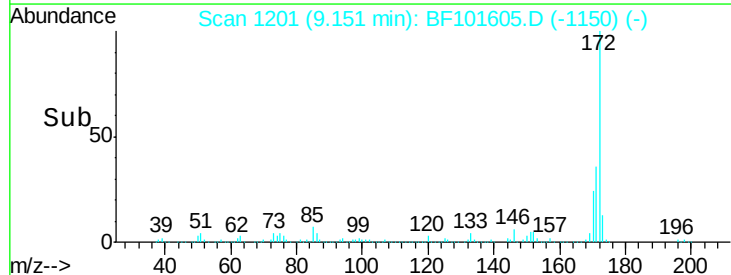


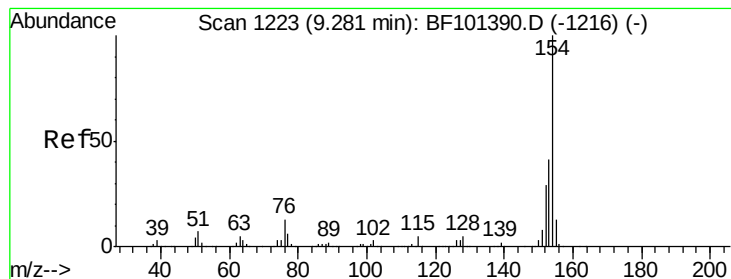
#44
 2-Fluorobiphenyl
 Concen: 84.021 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	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: 38.365 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

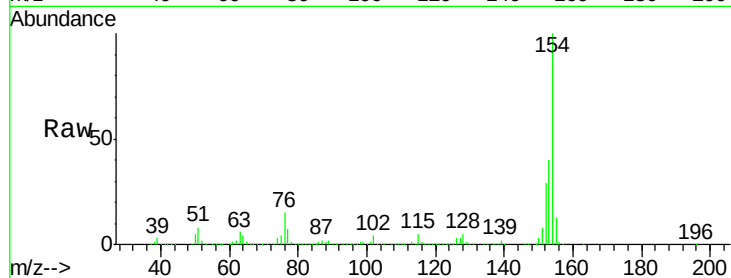
Tgt Ion:154 Resp: 575978

Ion Ratio Lower Upper

154 100

153 40.3 21.3 61.3

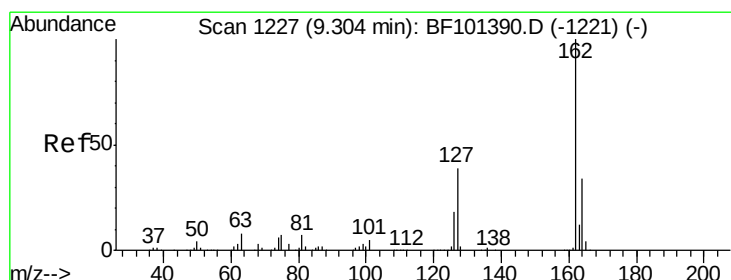
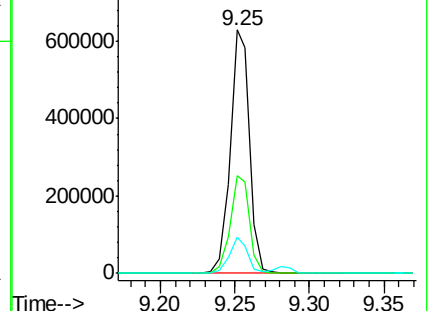
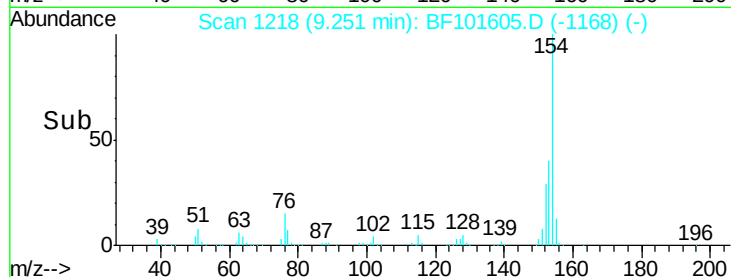
76 14.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.841 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

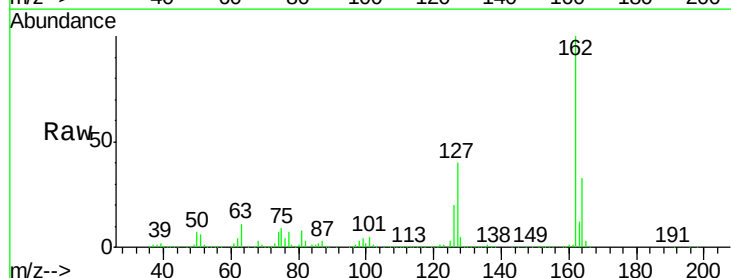
Tgt Ion:162 Resp: 411709

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

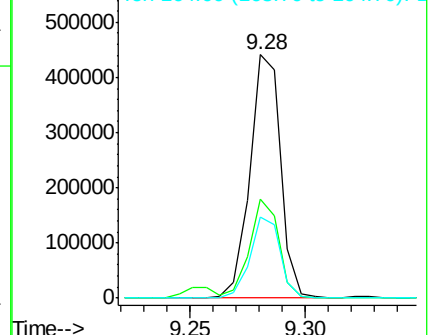
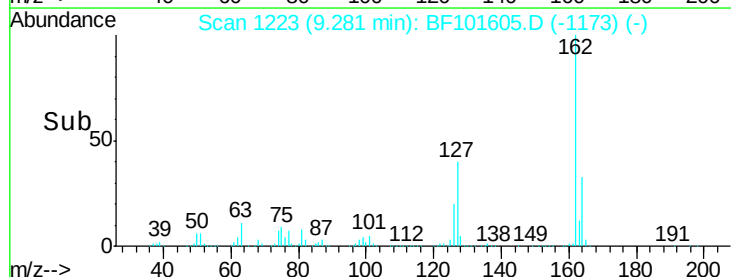
164 33.1 26.5 39.7

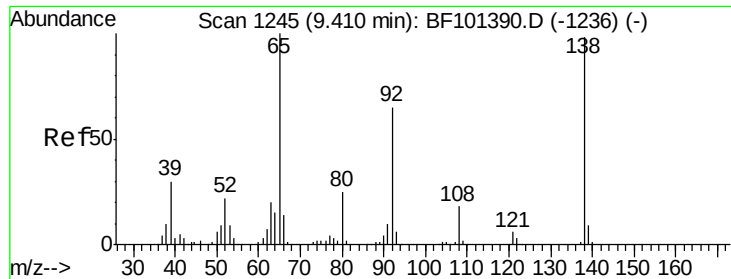


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.490 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

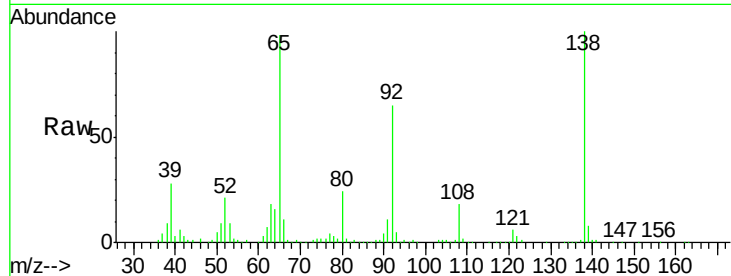
Tgt Ion: 65 Resp: 144804

Ion Ratio Lower Upper

65 100

92 65.7 55.8 83.6

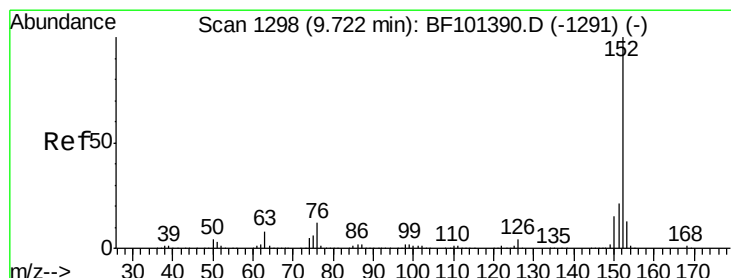
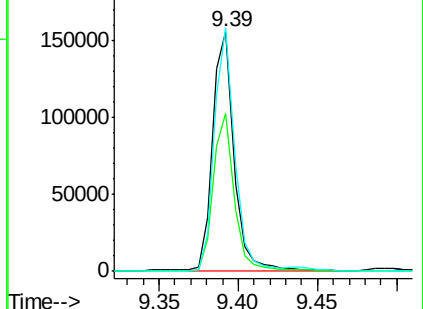
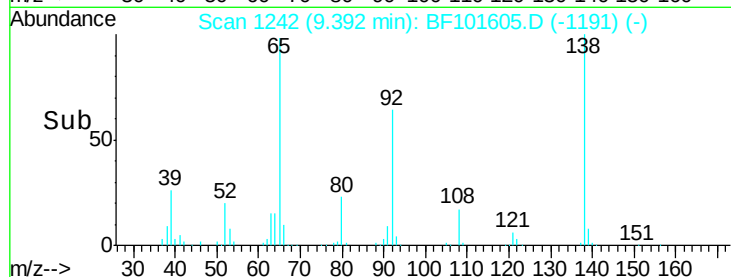
138 101.6 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.061 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

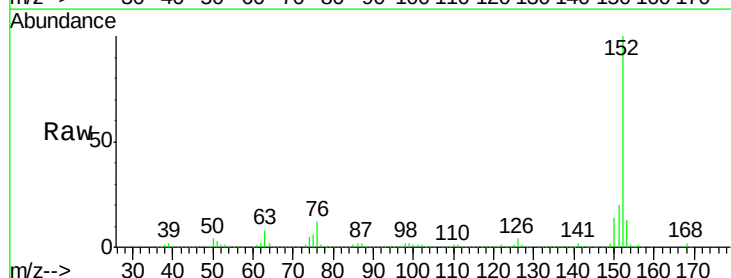
Tgt Ion: 152 Resp: 726865

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

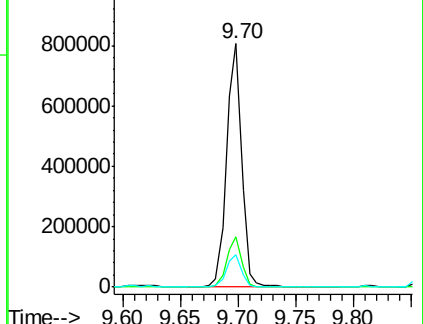
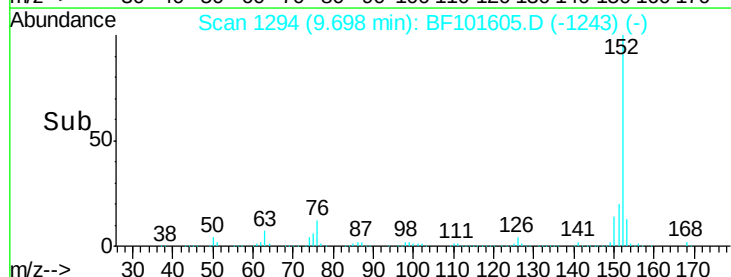
153 13.2 10.7 16.1

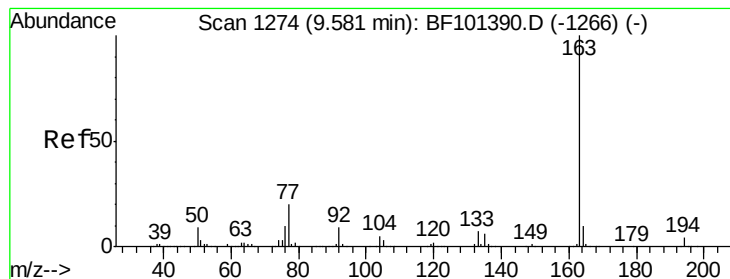


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.906 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

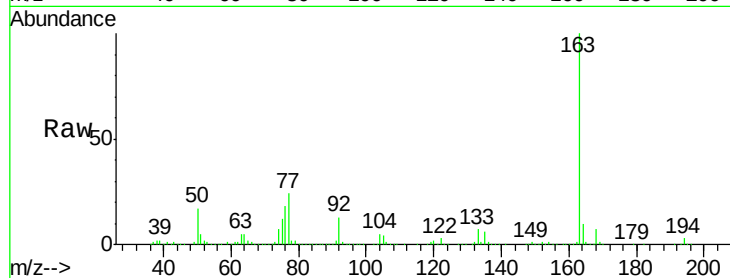
Tgt Ion:163 Resp: 516149

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

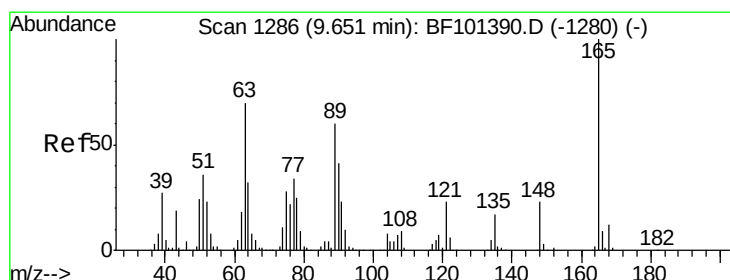
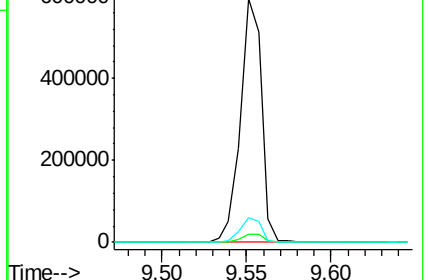
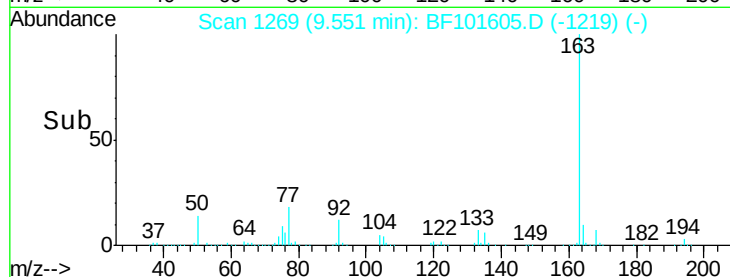
164 10.4 8.2 12.2



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: 33.135 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

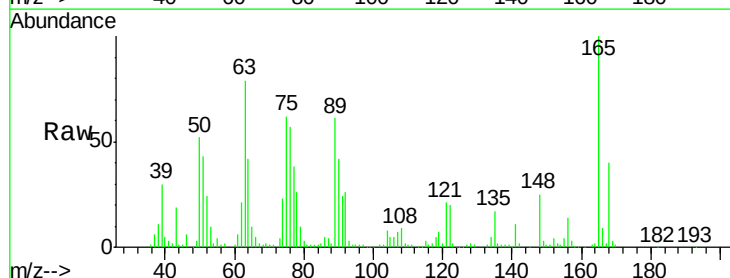
Tgt Ion:165 Resp: 91700

Ion Ratio Lower Upper

165 100

63 79.5 44.7 67.1#

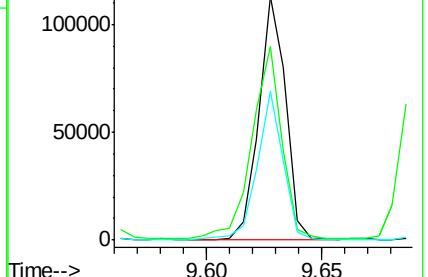
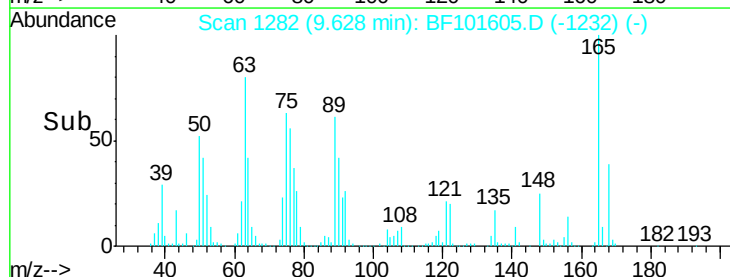
89 61.3 44.0 66.0

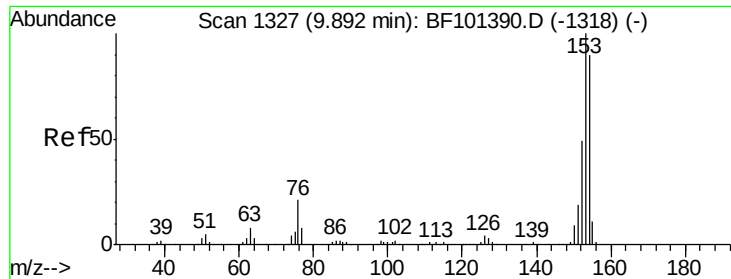


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 37.334 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

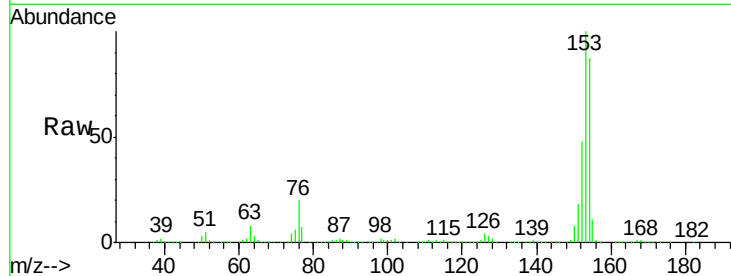
Tgt Ion:154 Resp: 406968

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

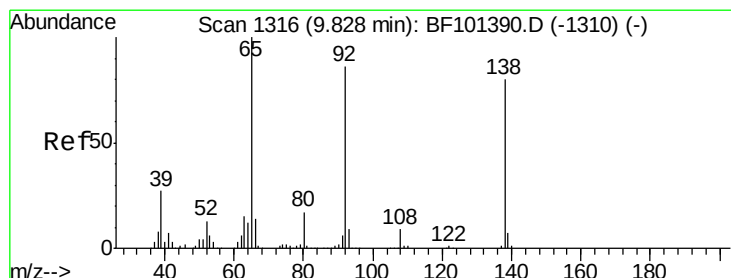
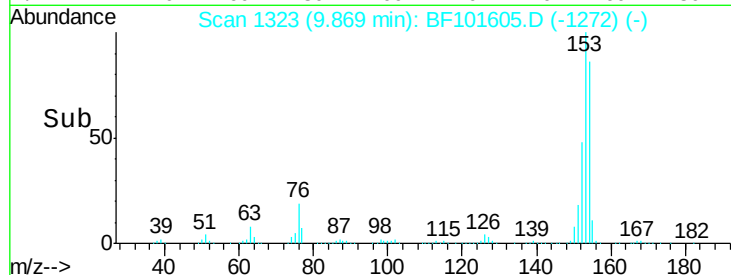
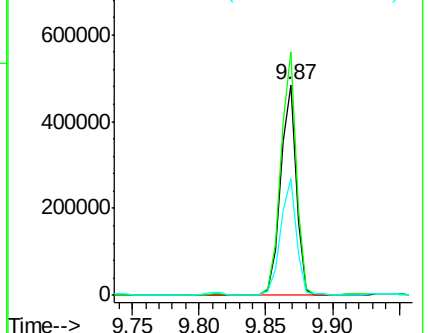
152 55.7 43.8 65.8



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: 25.340 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

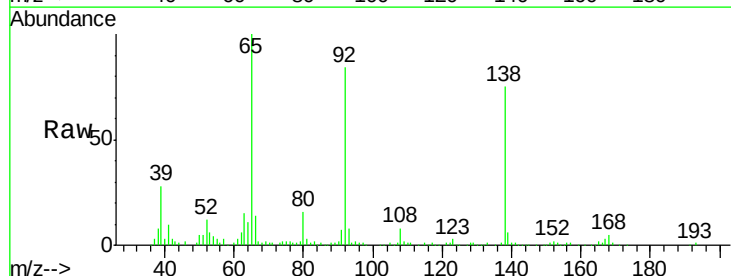
Tgt Ion:138 Resp: 87433

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

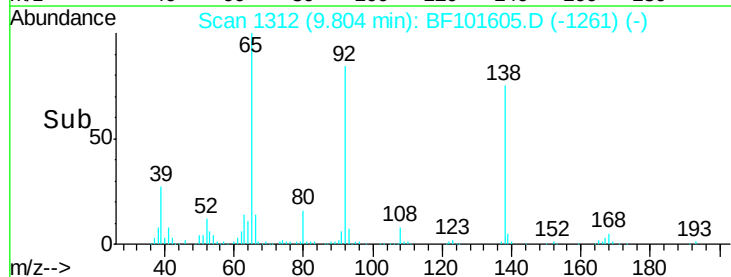
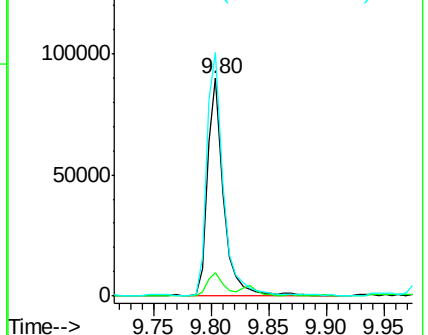
92 111.7 89.4 134.2

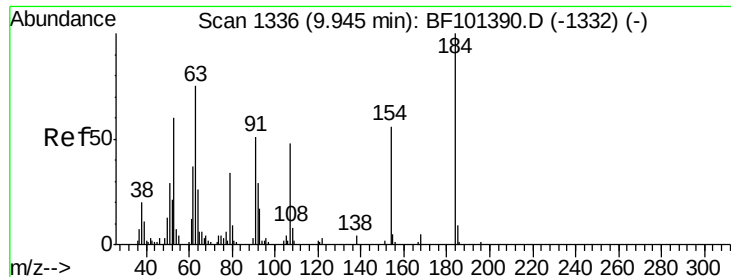


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

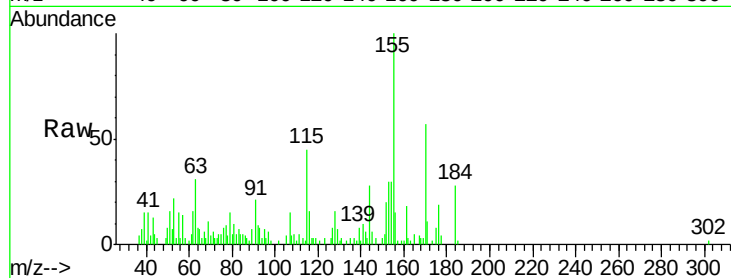




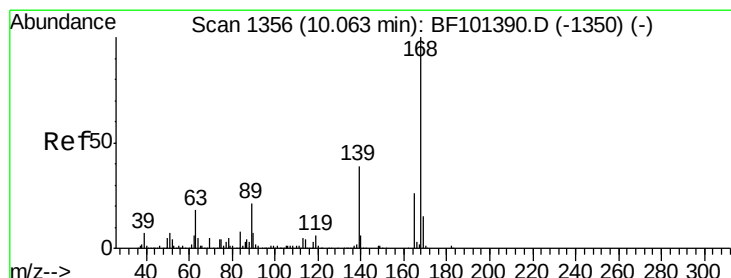
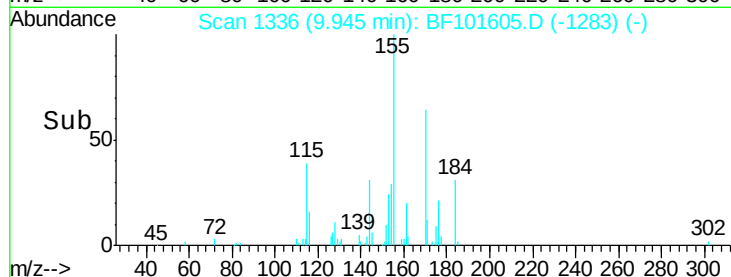
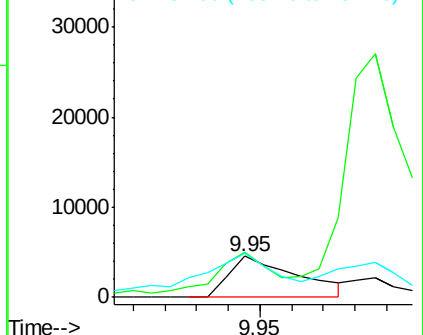
#53
2,4-Dinitrophenol
Concen: 16.470 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

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

Tgt Ion:184 Resp: 6805
Ion Ratio Lower Upper
184 100
63 112.0 54.2 81.2#
154 108.3 184.0 276.0#

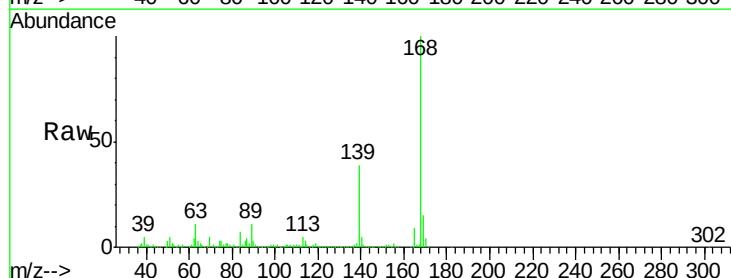


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

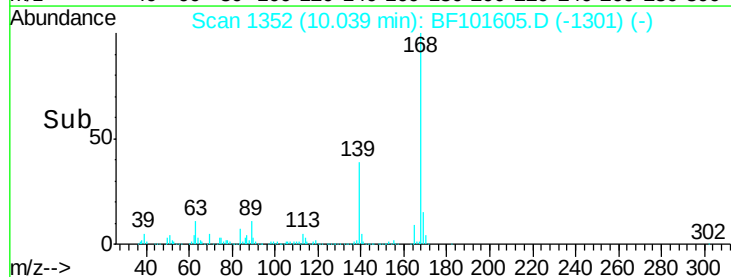
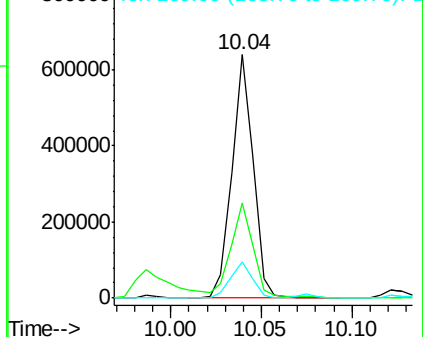


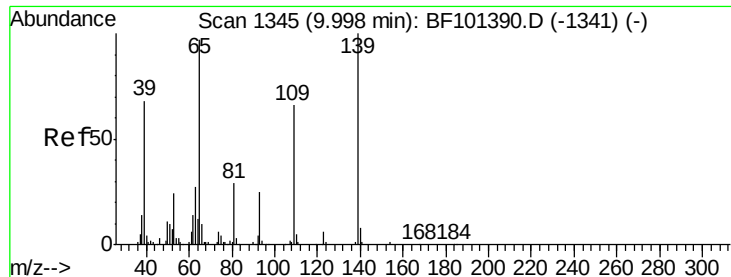
#54
Dibenzofuran
Concen: 37.617 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:168 Resp: 521109
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 14.7 10.9 16.3



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

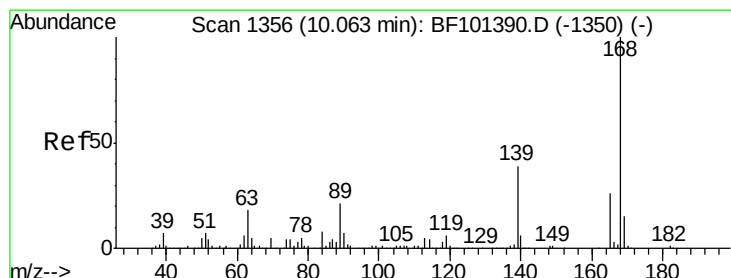
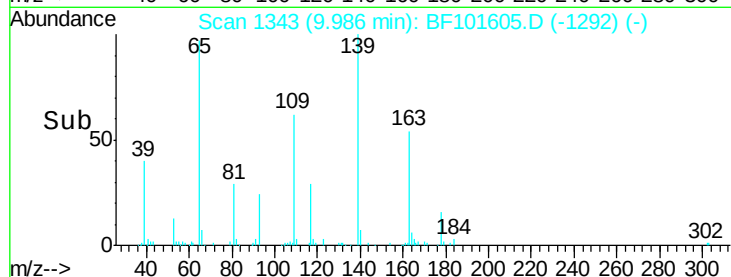
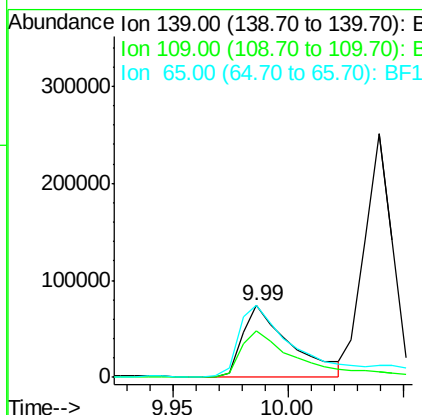
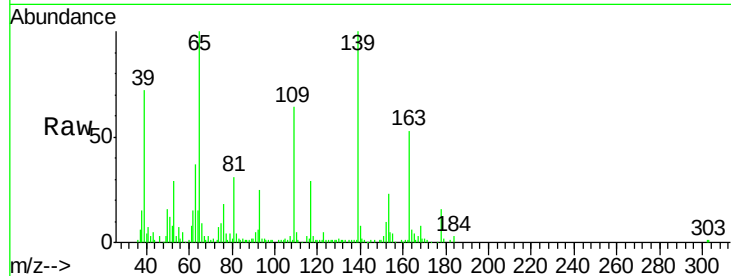




#55
4-Nitrophenol
Concen: 70.821 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

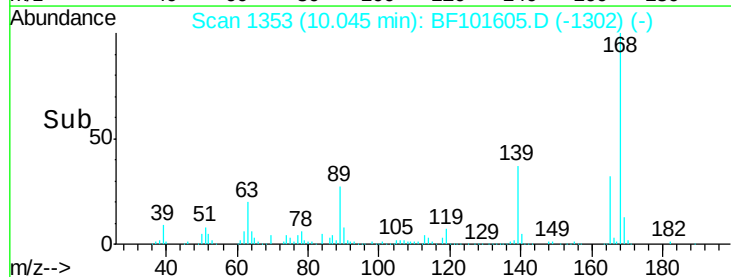
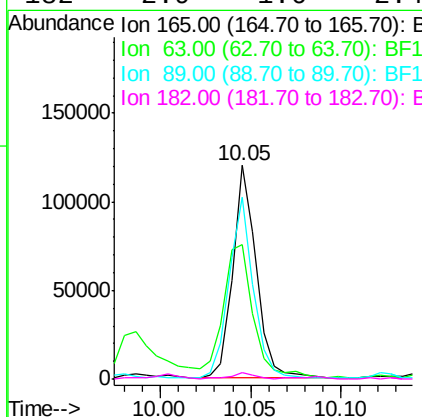
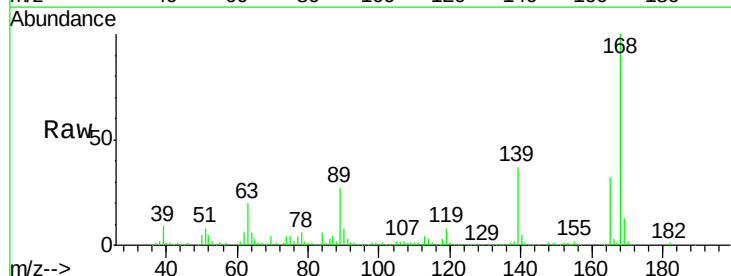
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

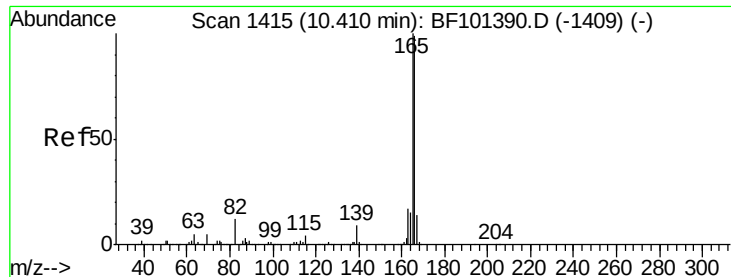
Tgt Ion:139 Resp: 106551
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 100.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 34.683 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:165 Resp: 108143
Ion Ratio Lower Upper
165 100
63 63.2 36.4 54.6#
89 85.1 57.8 86.6
182 2.9 1.6 2.4#





#57

Fluorene

Concen: 40.013 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

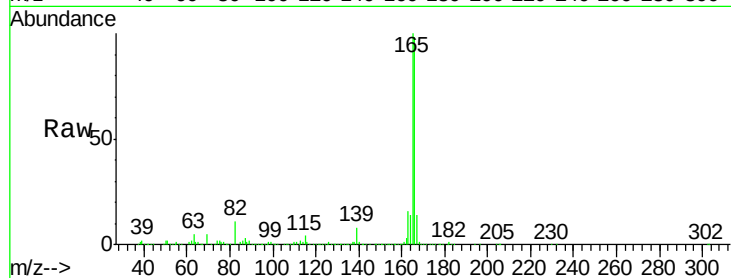
Tgt Ion:166 Resp: 468911

Ion Ratio Lower Upper

166 100

165 102.0 79.8 119.8

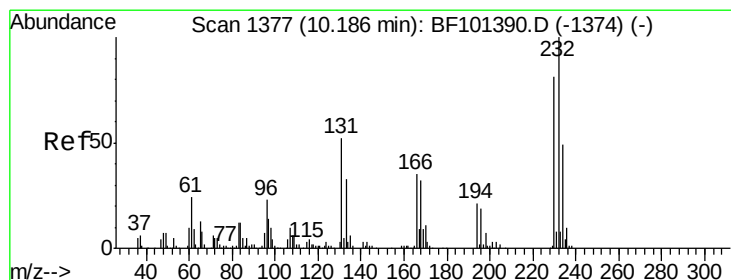
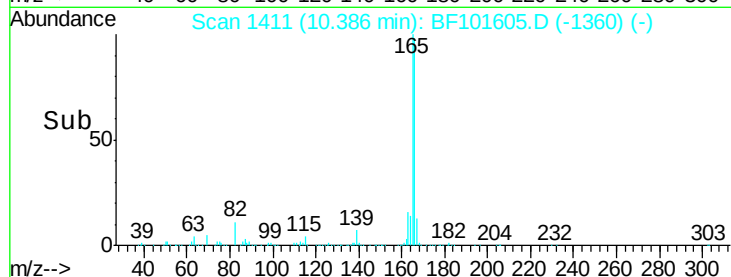
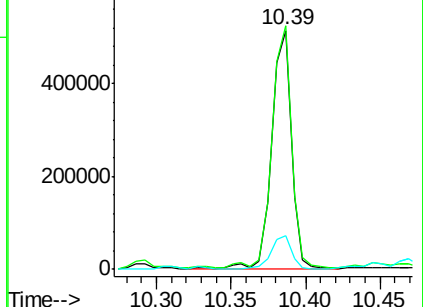
167 14.0 10.6 16.0



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: 34.143 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:232 Resp: 92420

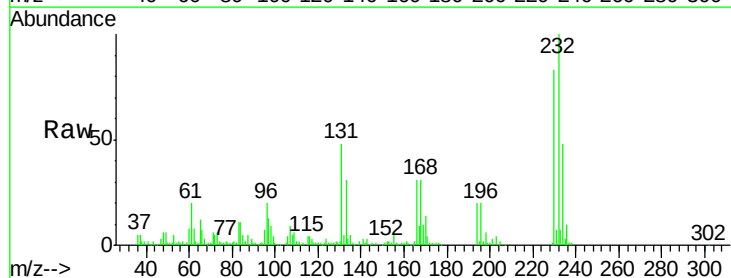
Ion Ratio Lower Upper

232 100

131 46.4 43.8 65.8

130 2.8 2.1 3.1

166 30.0 27.8 41.6

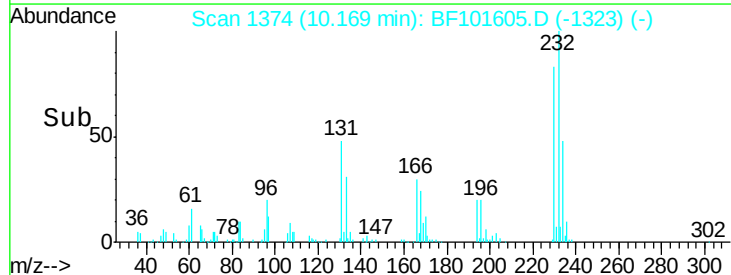
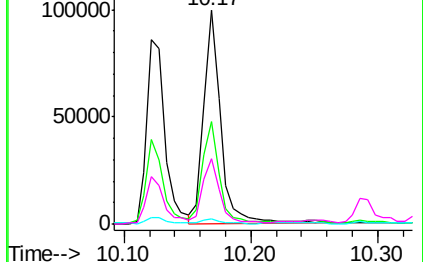


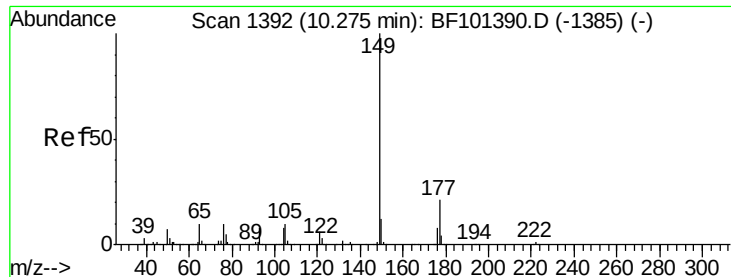
Abundance Ion 232.00 (231.70 to 232.70): E

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

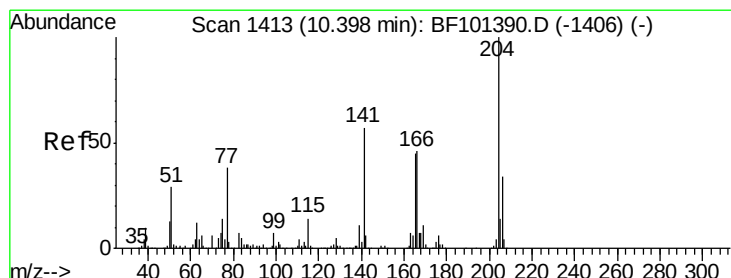
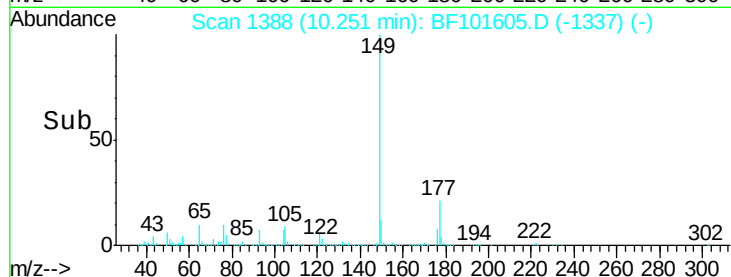
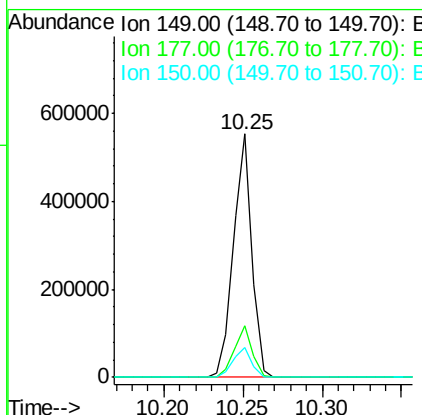
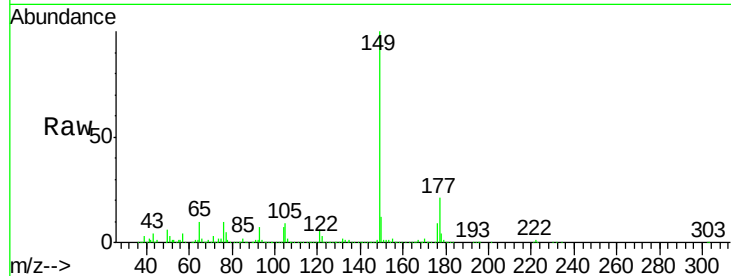




#59
Diethylphthalate
Concen: 33.092 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

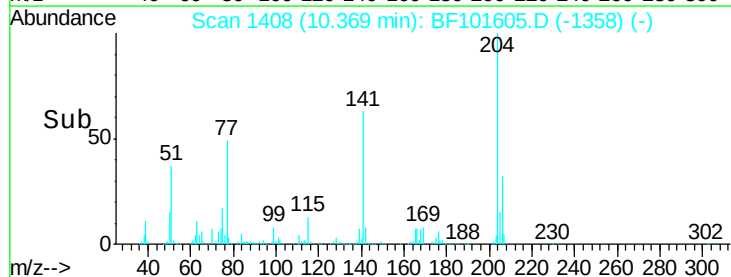
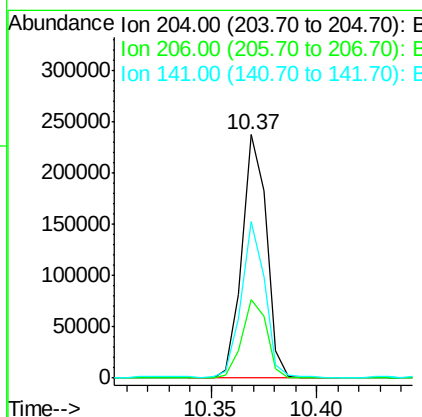
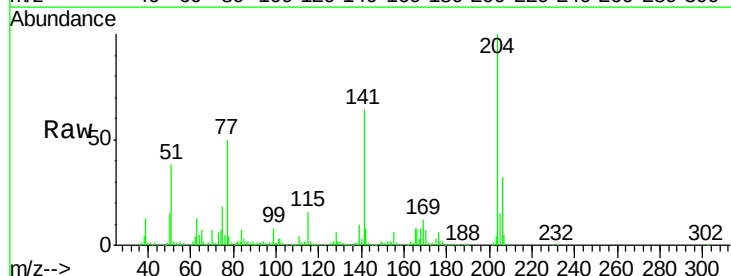
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

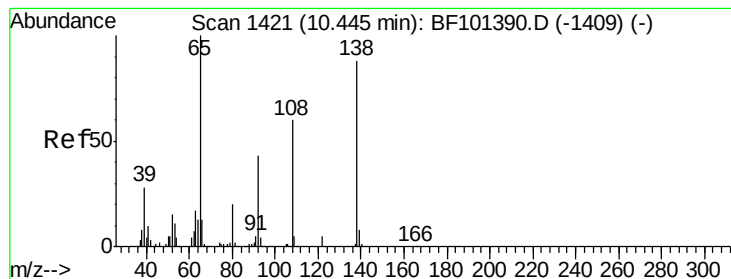
Tgt Ion:149 Resp: 446219
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 33.820 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:204 Resp: 189949
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 64.4 54.6 81.8





#61

4-Nitroaniline

Concen: 25.019 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

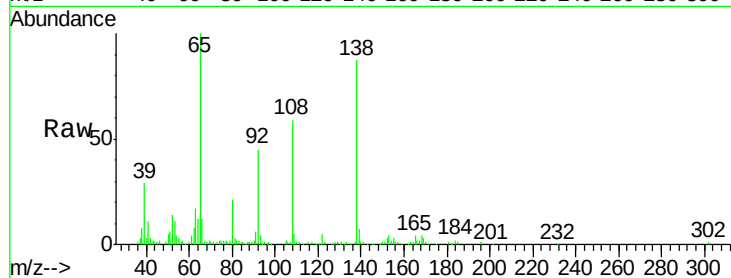
Tgt Ion: 138 Resp: 86770

Ion Ratio Lower Upper

138 100

92 52.0 30.2 70.2

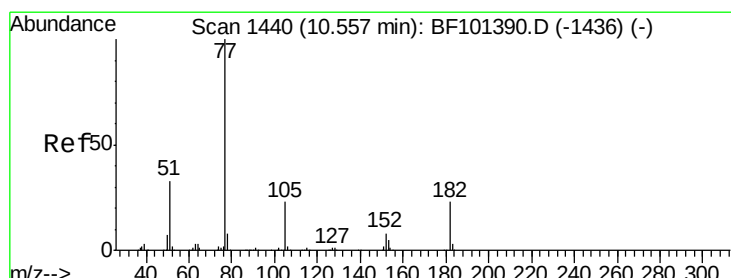
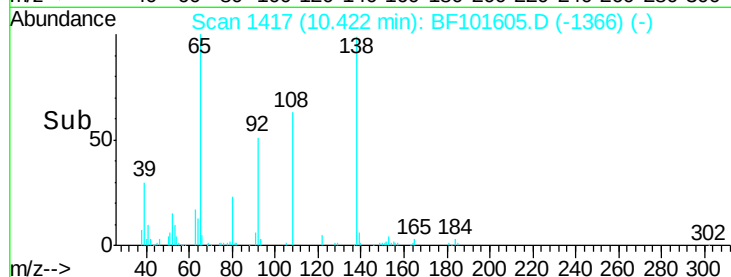
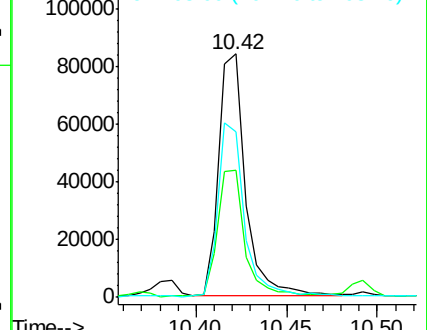
108 68.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.226 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion: 77 Resp: 436188

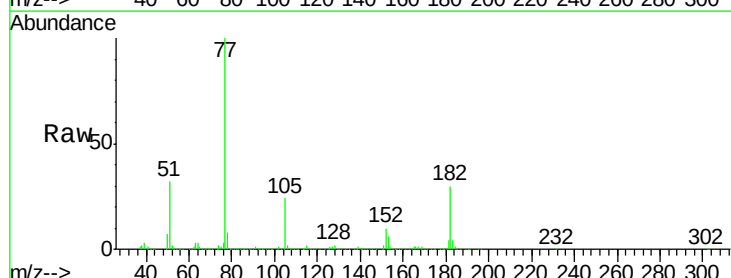
Ion Ratio Lower Upper

77 100

182 30.3 1.7 41.7

105 24.3 3.0 43.0

51 32.4 9.9 49.9

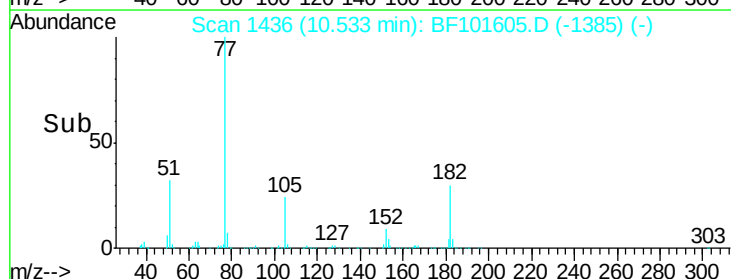
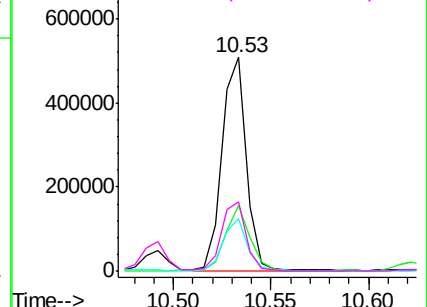


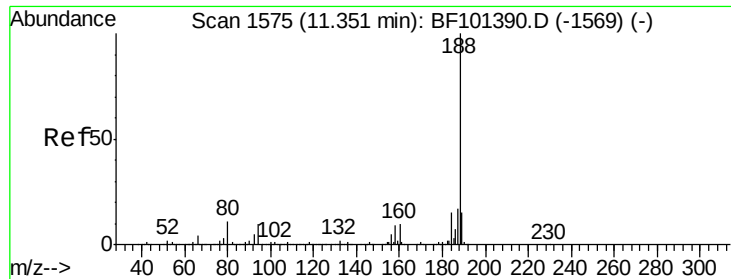
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

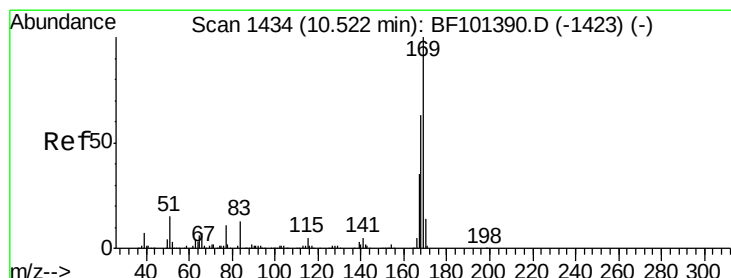
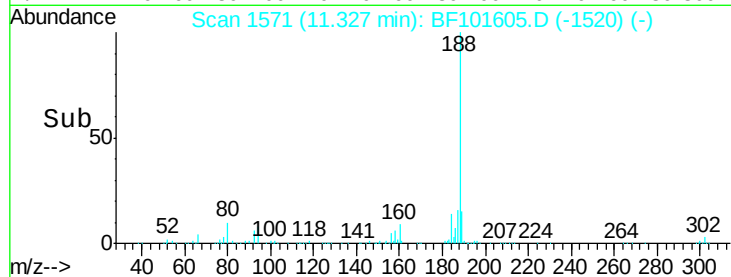
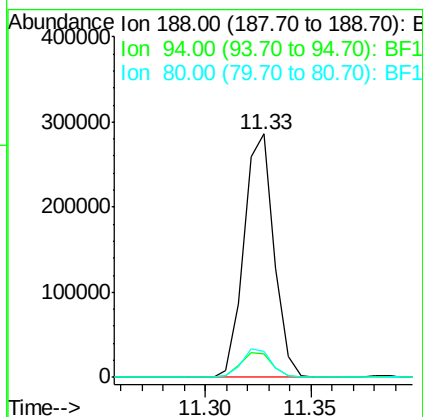
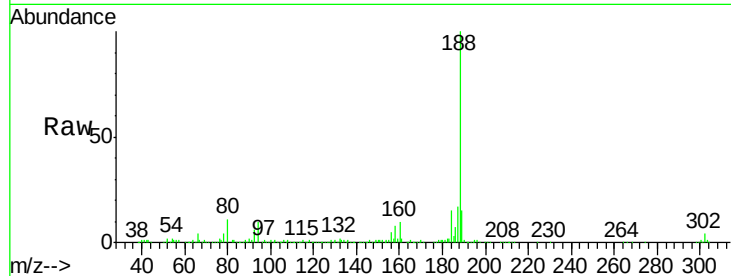




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

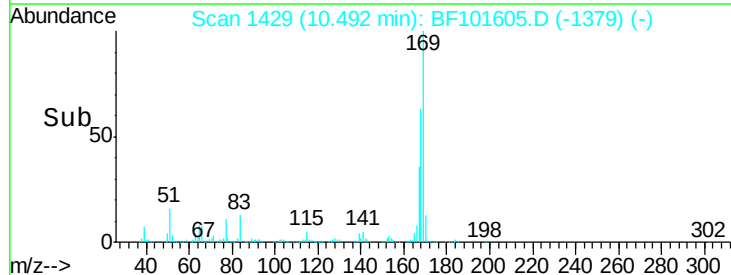
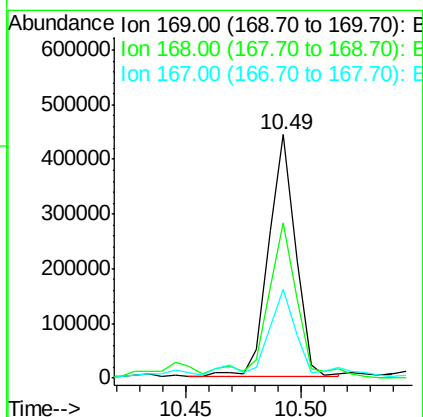
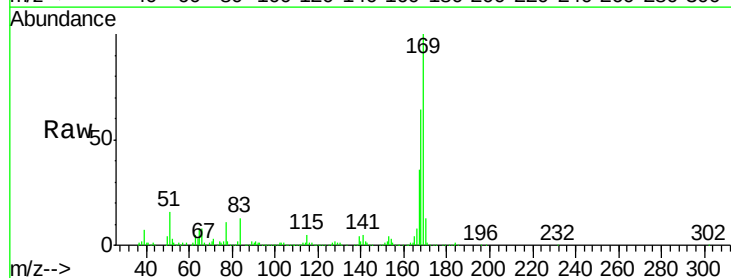
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

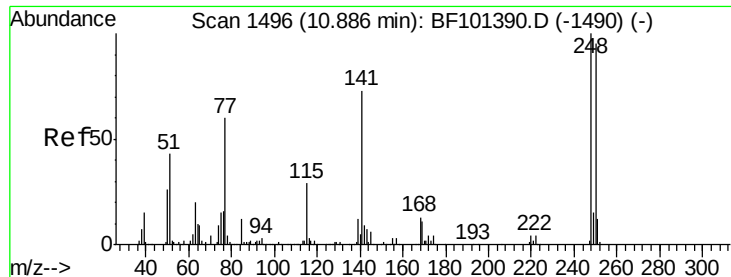
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8



#65
n-Nitrosodiphenylamine
Concen: 34.220 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	36.2	29.8	44.6





#66

4-Bromophenyl-phenylether

Concen: 34.799 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

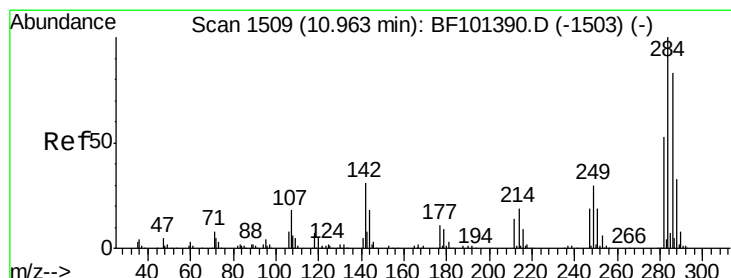
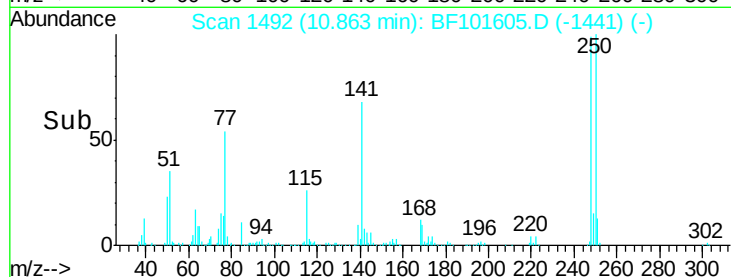
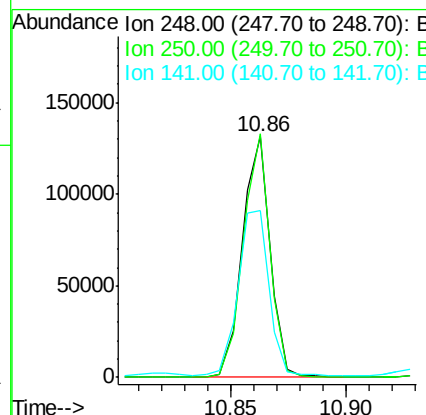
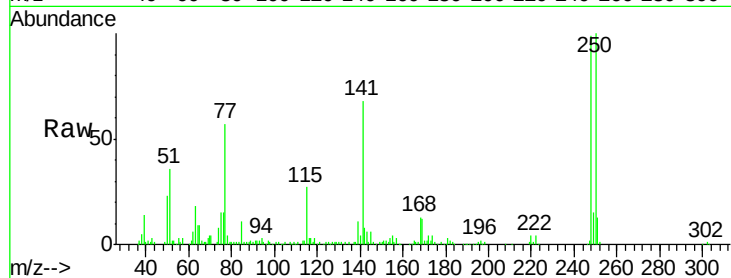
Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tgt Ion:	248	Resp:	109991
Ion Ratio	Lower	Upper	
248	100		
250	101.0	76.9	115.3
141	69.1	74.4	111.6#



#67

Hexachlorobenzene

Concen: 32.656 ng

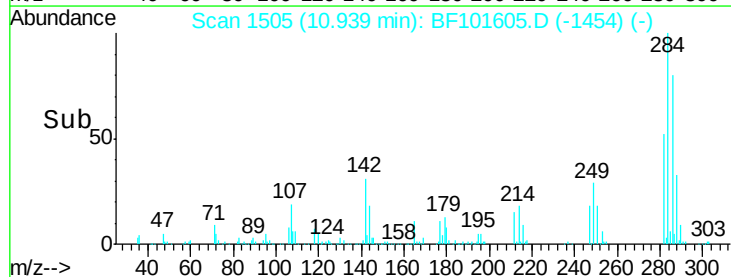
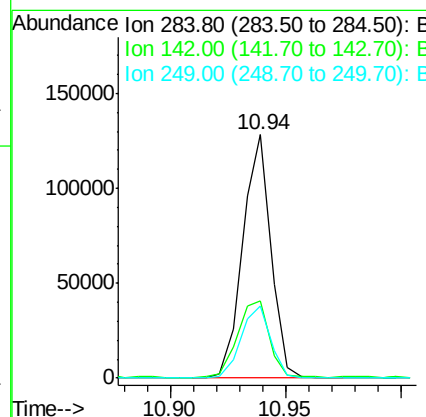
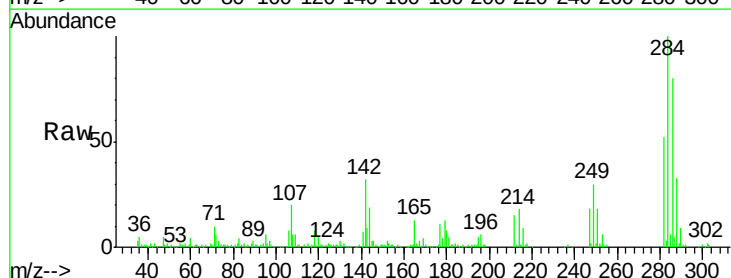
RT: 10.94 min Scan# 1505

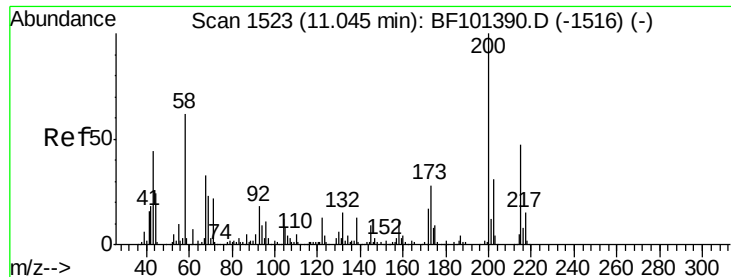
Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	284	Resp:	109241
Ion Ratio	Lower	Upper	
284	100		
142	31.9	34.6	52.0#
249	29.8	24.8	37.2





#68

Atrazine

Concen: 35.122 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

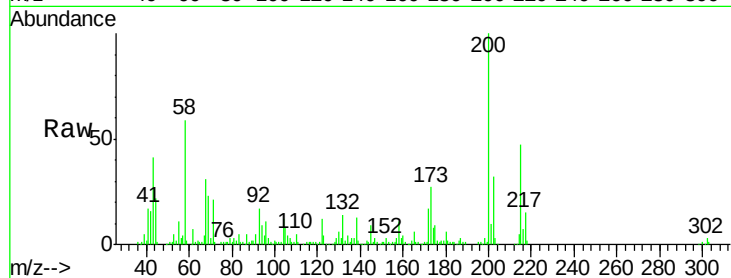
Tgt Ion:200 Resp: 108777

Ion Ratio Lower Upper

200 100

173 27.5 8.6 48.6

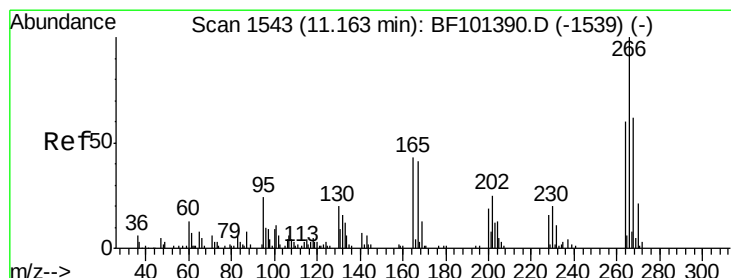
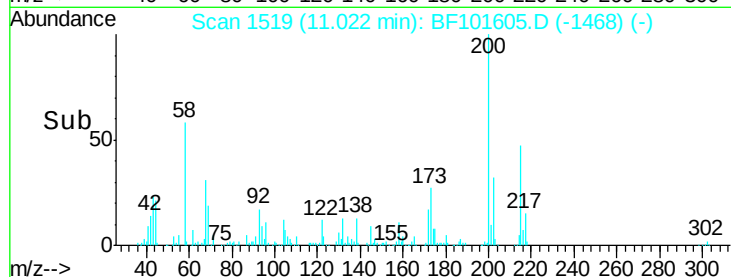
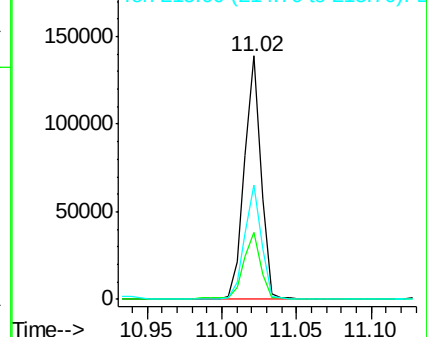
215 47.0 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 72.812 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

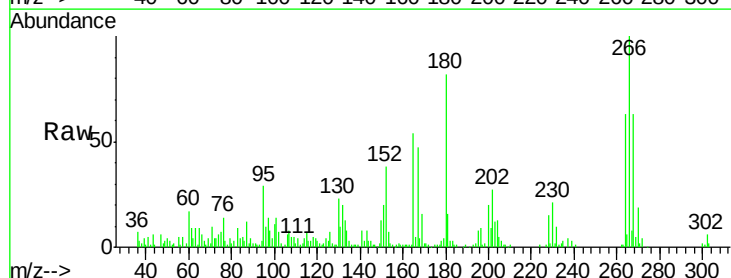
Tgt Ion:266 Resp: 93886

Ion Ratio Lower Upper

266 100

268 63.0 51.1 76.7

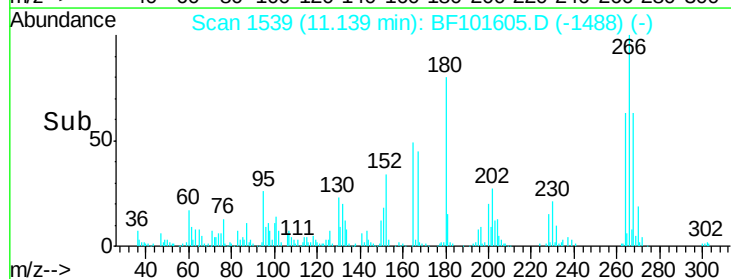
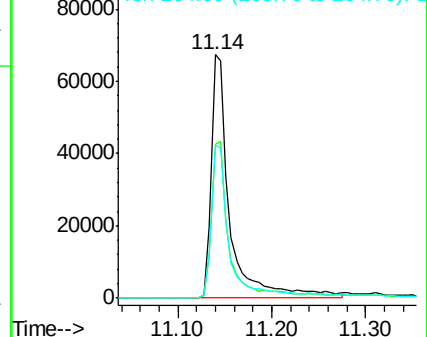
264 62.6 49.5 74.3

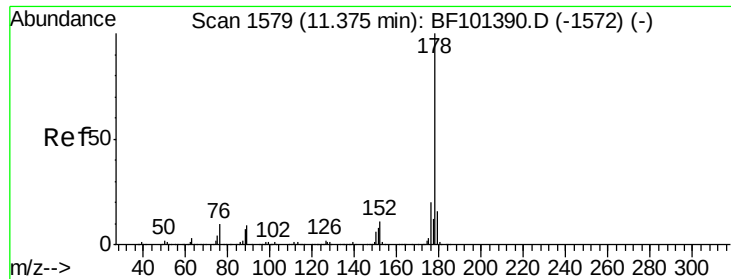


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 98.130 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

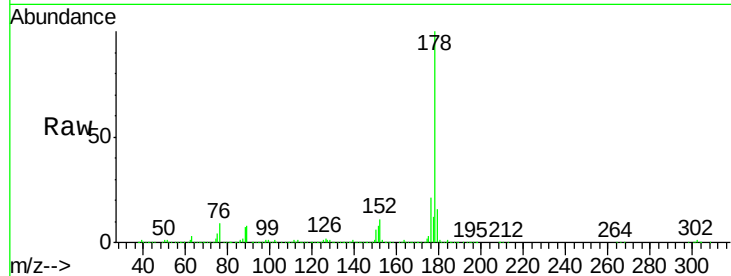
Tgt Ion:178 Resp: 1535087

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.8

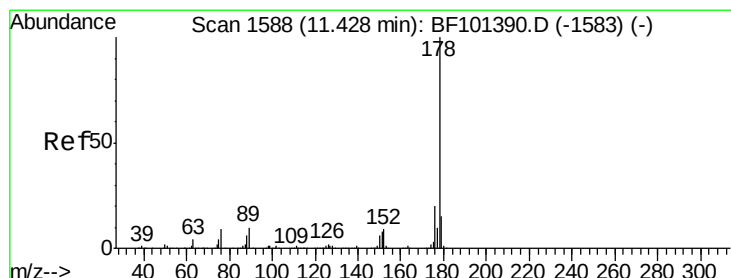
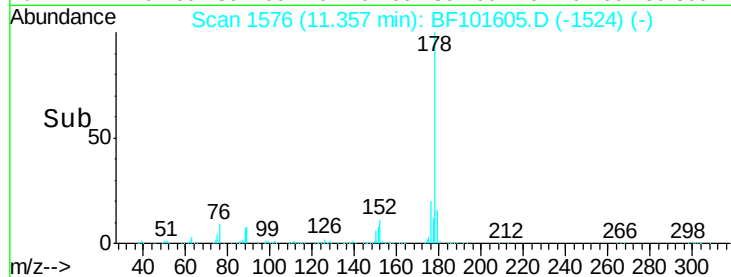
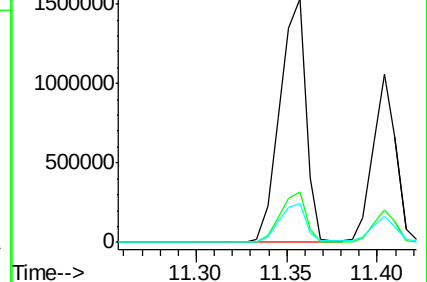
179 16.0 13.0 19.6



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: 58.407 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

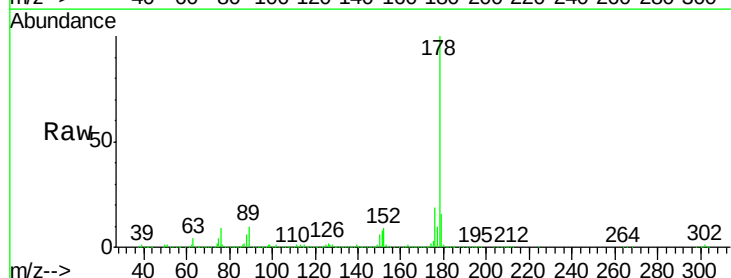
Tgt Ion:178 Resp: 933312

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

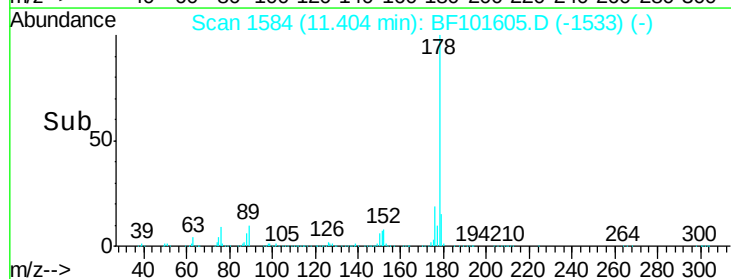
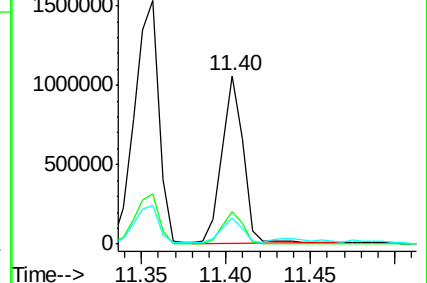
179 15.7 12.6 19.0

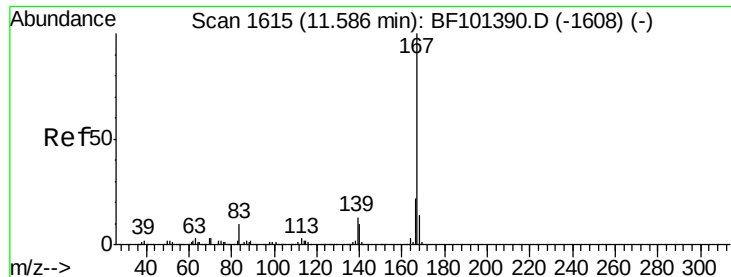


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.563 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

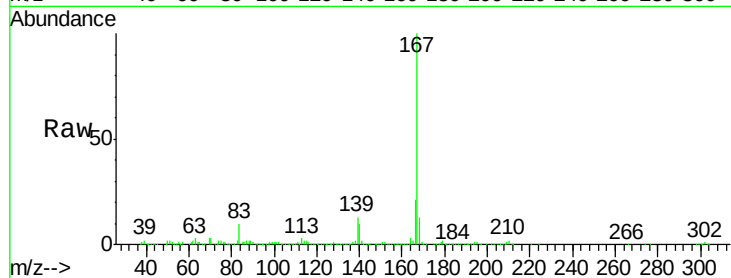
Tgt Ion:167 Resp: 561968

Ion Ratio Lower Upper

167 100

166 21.4 17.6 26.4

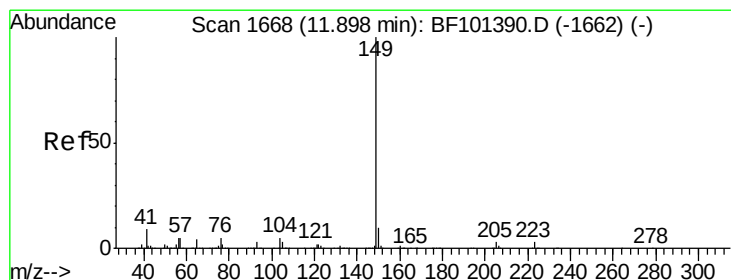
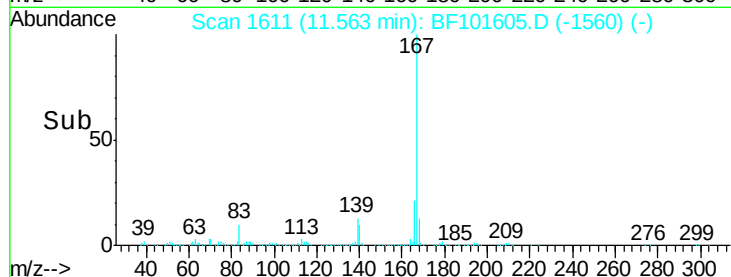
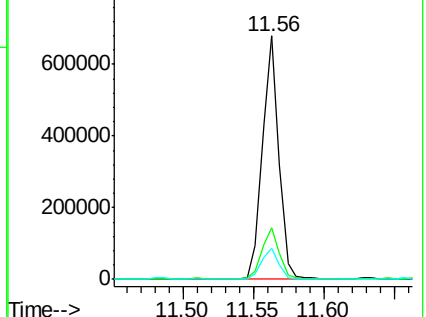
139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 35.005 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

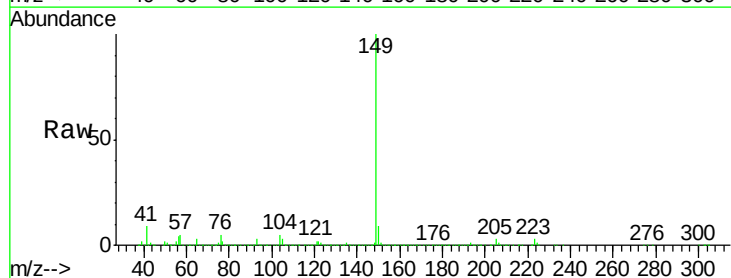
Tgt Ion:149 Resp: 635642

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

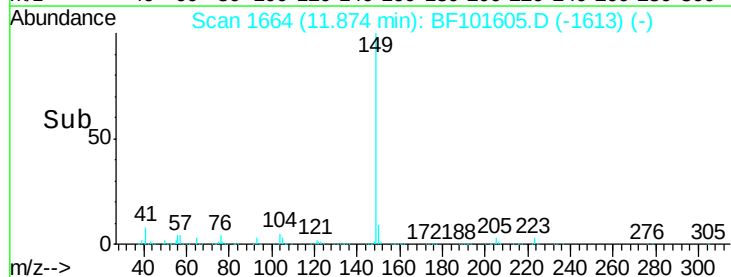
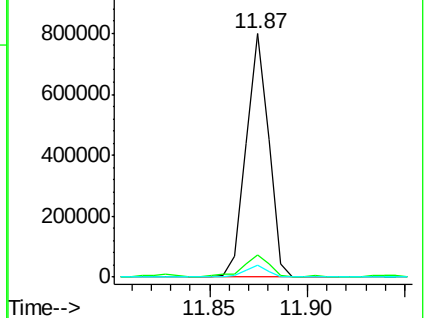
104 5.0 3.8 5.8

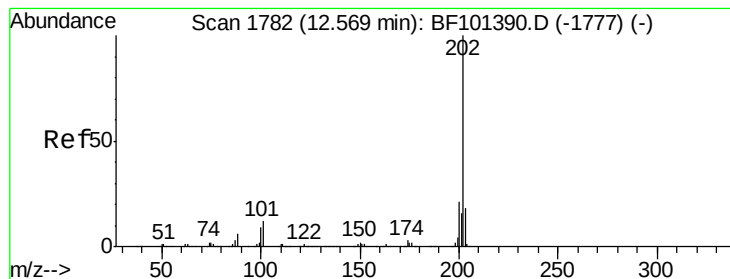


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 191.208 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

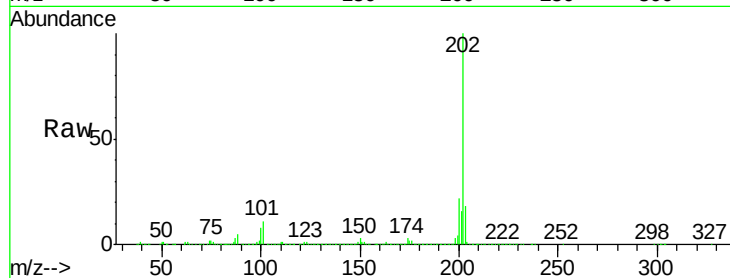
Tgt Ion:202 Resp: 3139647

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

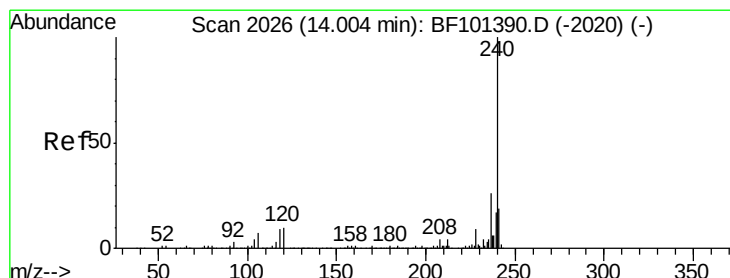
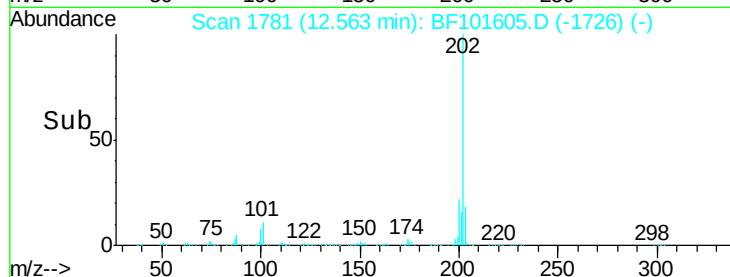
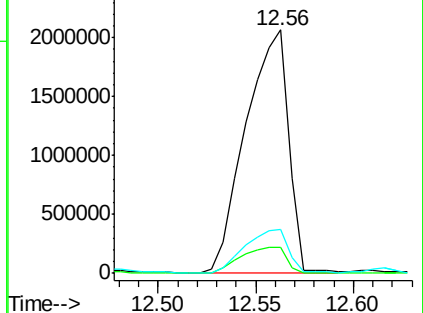
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

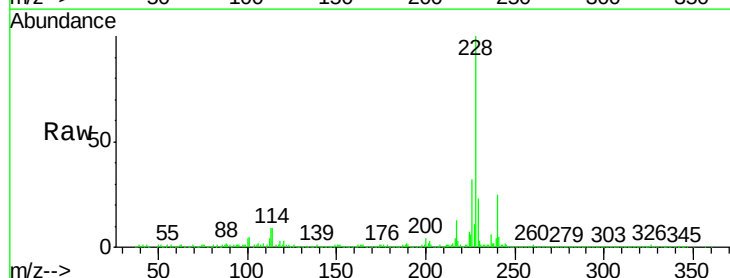
Tgt Ion:240 Resp: 207280

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

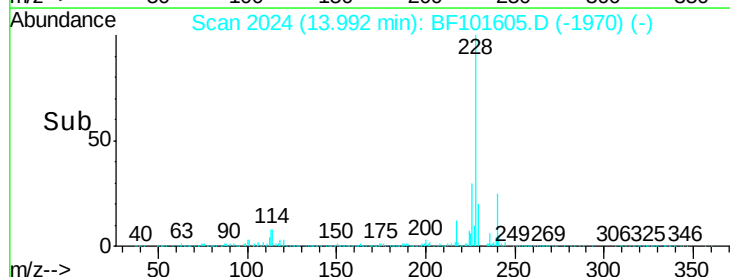
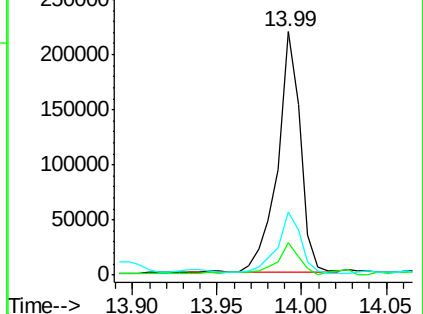
236 25.8 20.7 31.1

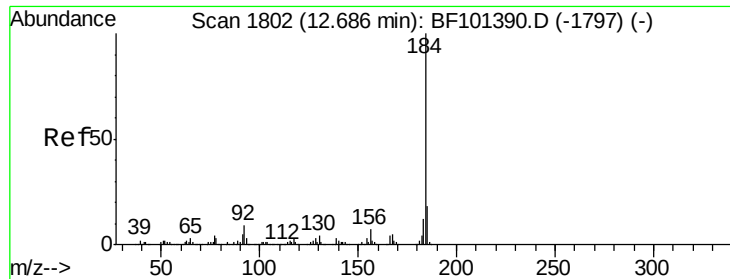


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

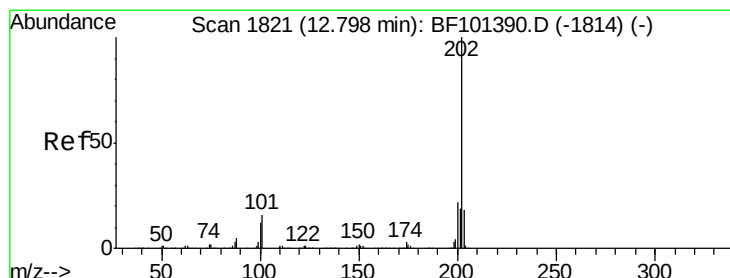
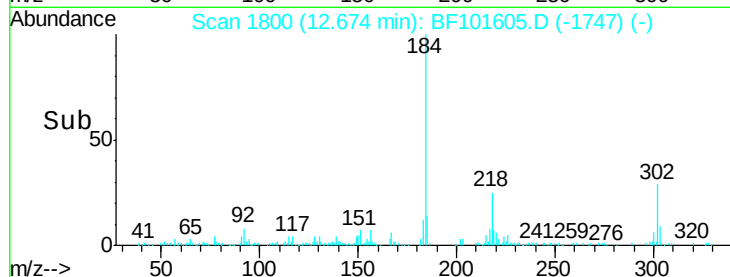
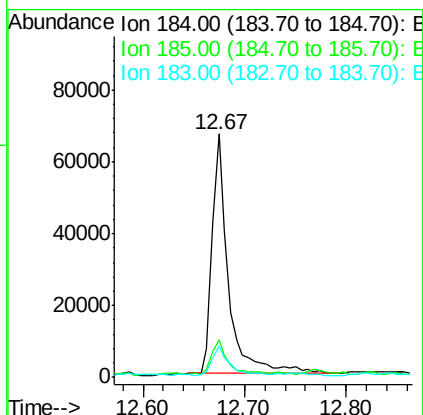
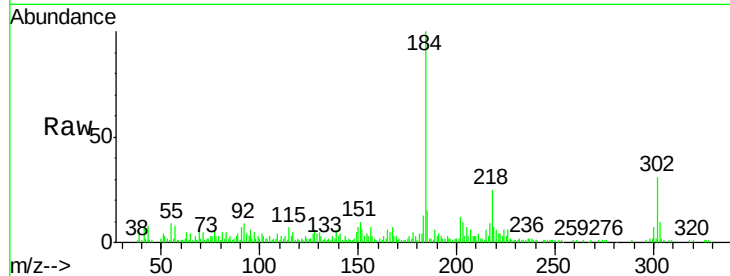




#76
Benzidine
Concen: 8.622 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

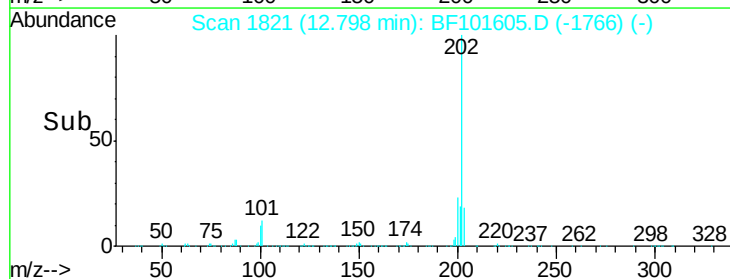
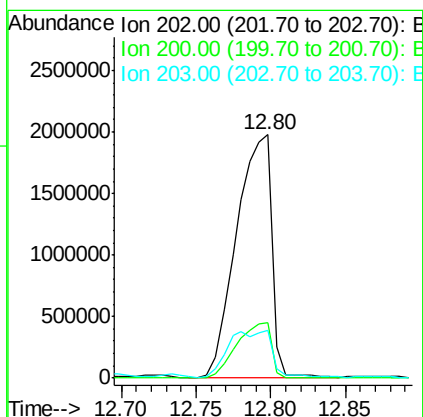
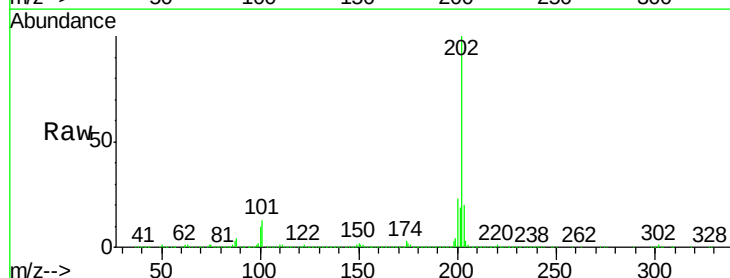
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

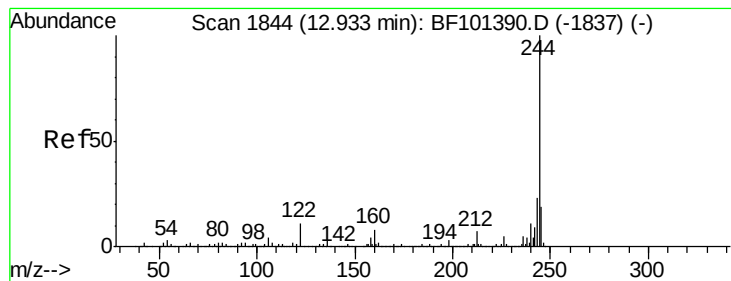
Tgt Ion:184 Resp: 75482
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 13.0 9.3 13.9



#77
Pyrene
Concen: 207.066 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.02 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:202 Resp: 3221179
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 19.5 14.3 21.5





#78

Terphenyl-d14

Concen: 91.696 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

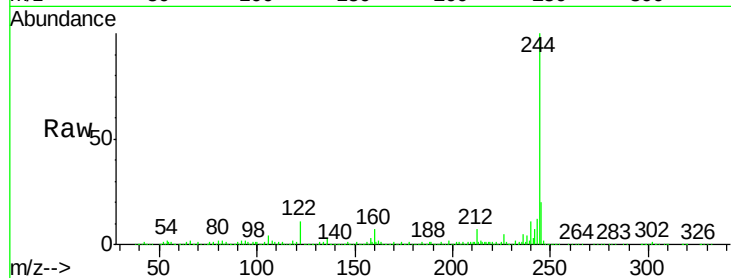
Tgt Ion:244 Resp: 788411

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

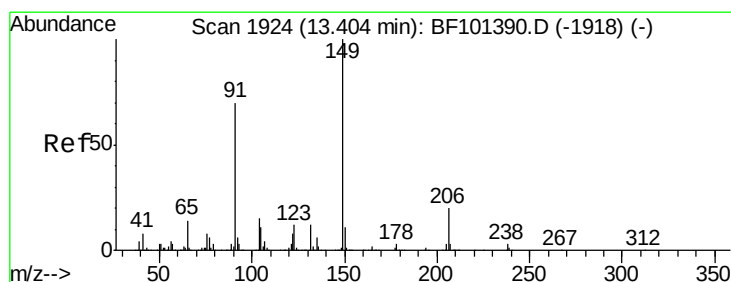
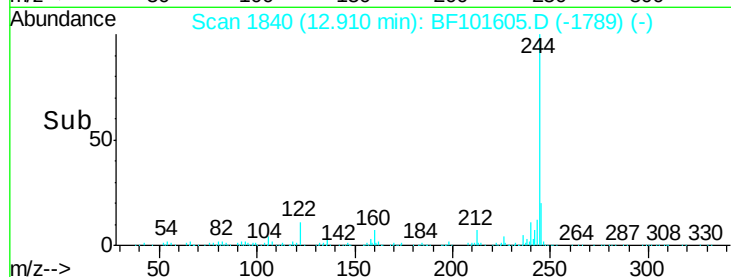
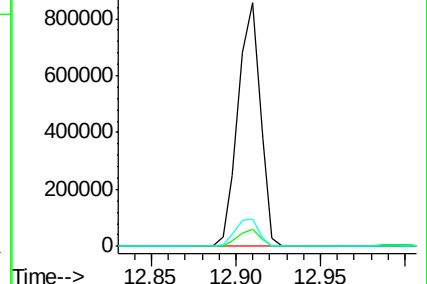
122 11.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 41.289 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

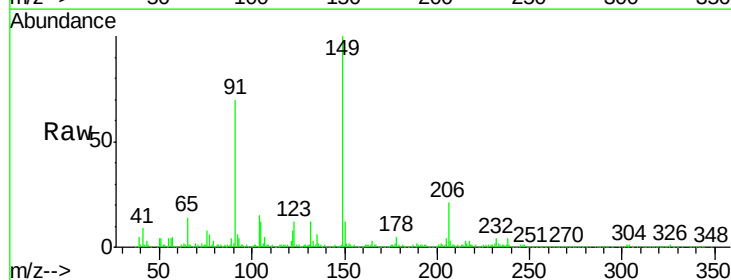
Tgt Ion:149 Resp: 290624

Ion Ratio Lower Upper

149 100

91 69.7 56.8 85.2

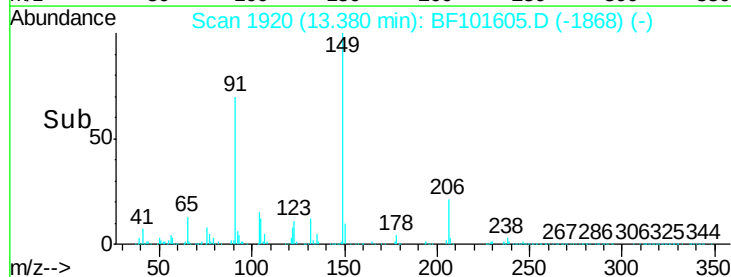
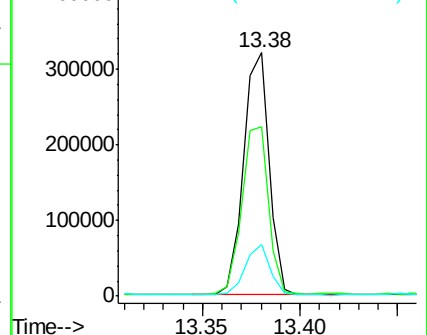
206 21.1 14.1 21.1

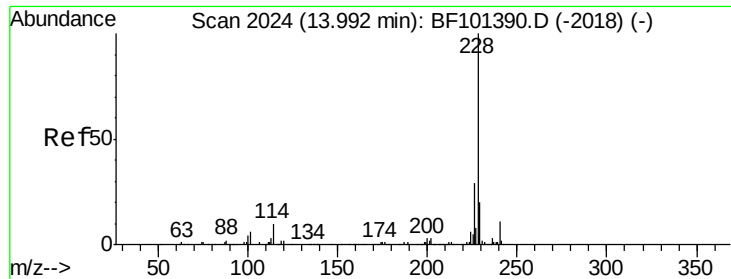


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 190.866 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

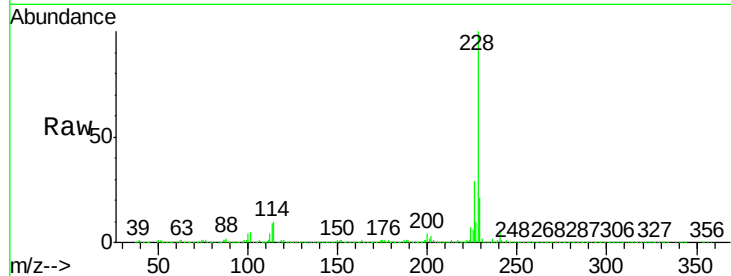
Tgt Ion:228 Resp: 2612385

Ion Ratio Lower Upper

228 100

226 29.5 22.6 33.8

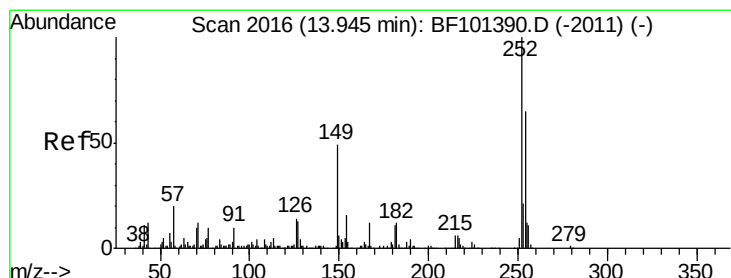
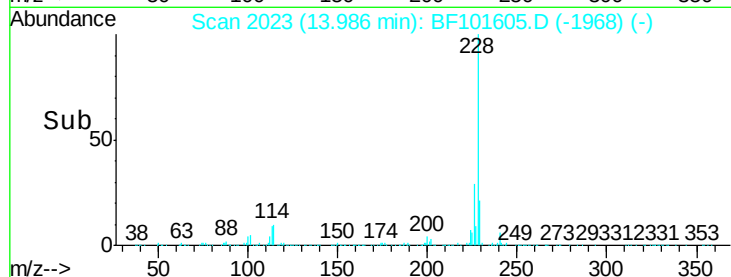
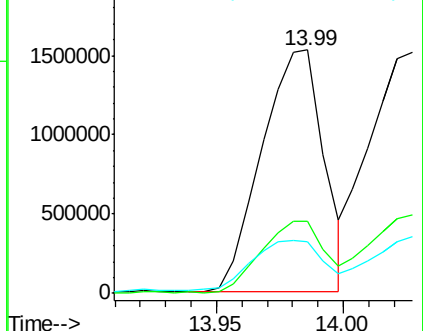
229 21.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.032 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

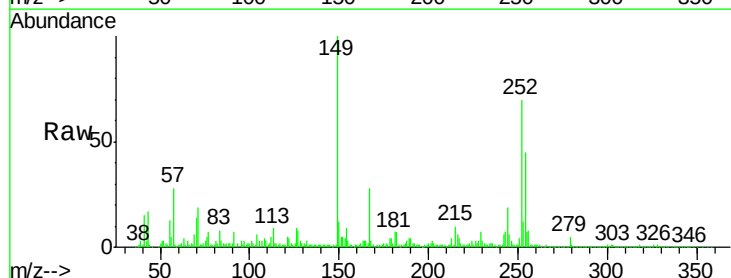
Tgt Ion:252 Resp: 151882

Ion Ratio Lower Upper

252 100

254 64.3 50.4 75.6

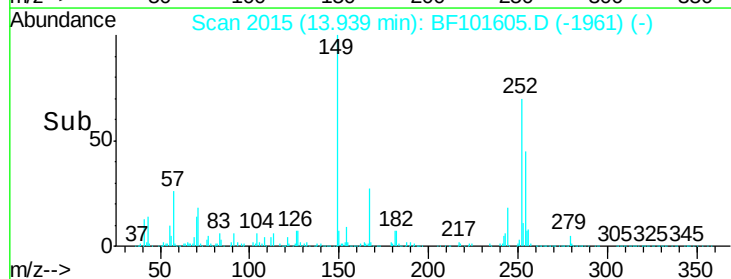
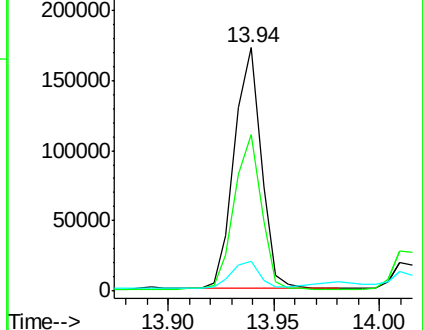
126 12.4 11.3 16.9

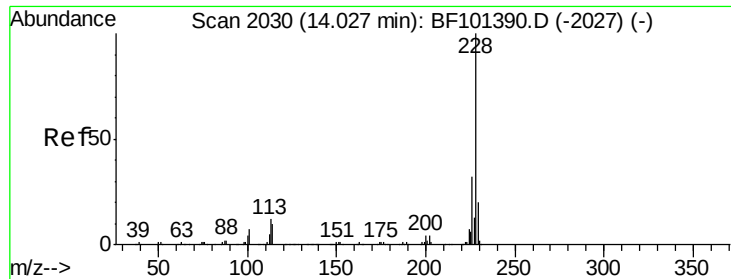


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 170.261 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

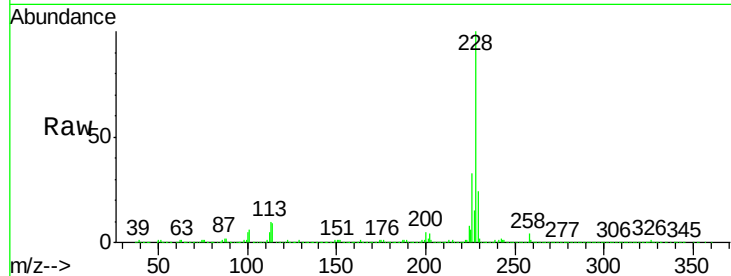
Tgt Ion:228 Resp: 2200290

Ion Ratio Lower Upper

228 100

226 32.6 25.0 37.6

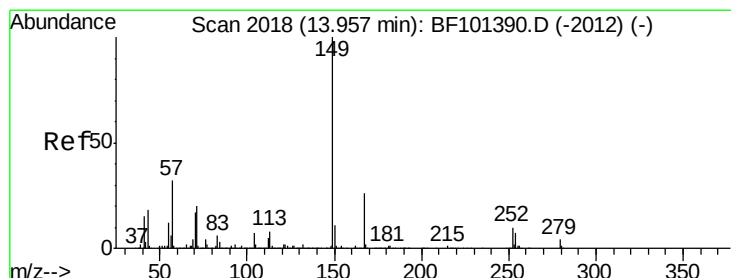
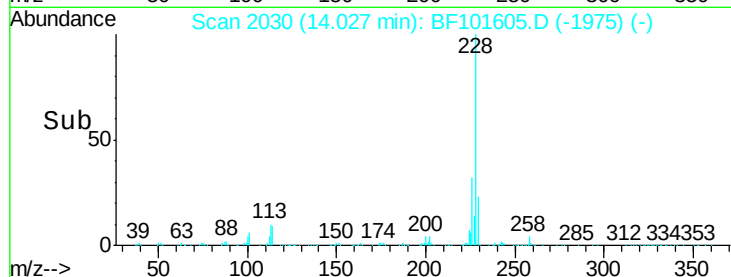
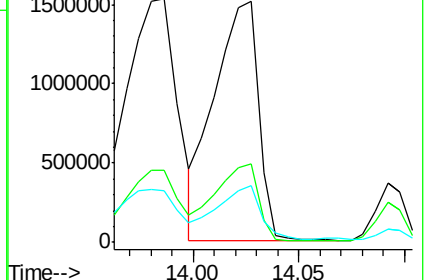
229 23.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.925 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

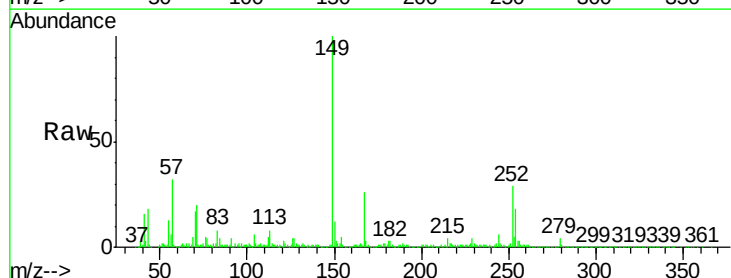
Tgt Ion:149 Resp: 382699

Ion Ratio Lower Upper

149 100

167 25.9 21.3 31.9

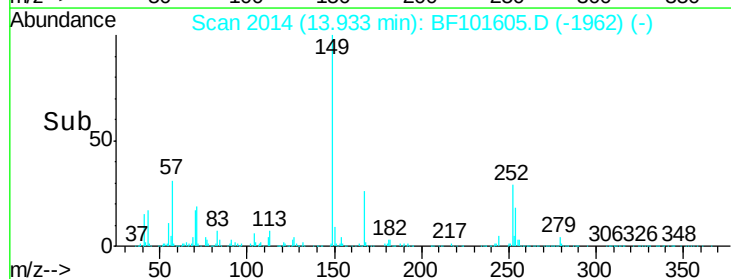
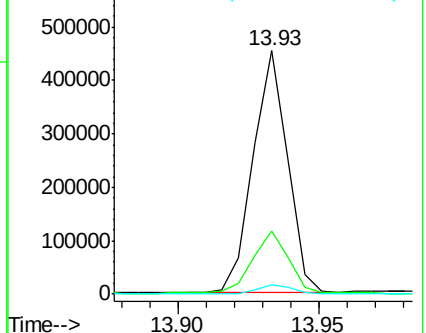
279 3.7 3.0 4.4

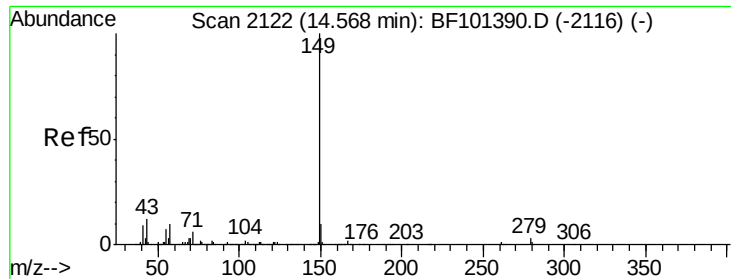


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.057 ng

RT: 14.54 min Scan# 2118

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

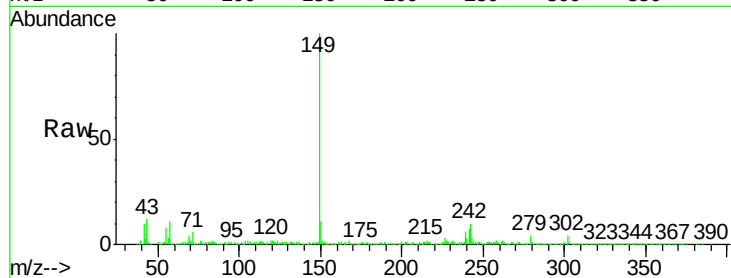
Tgt Ion:149 Resp: 668709

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

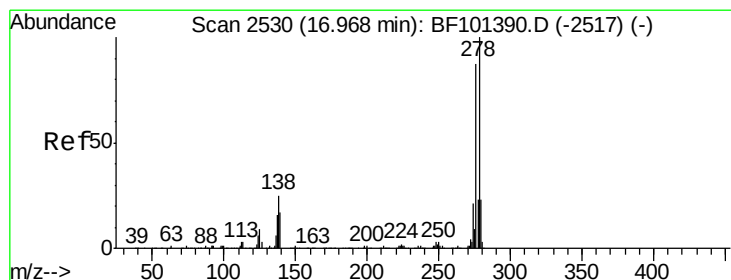
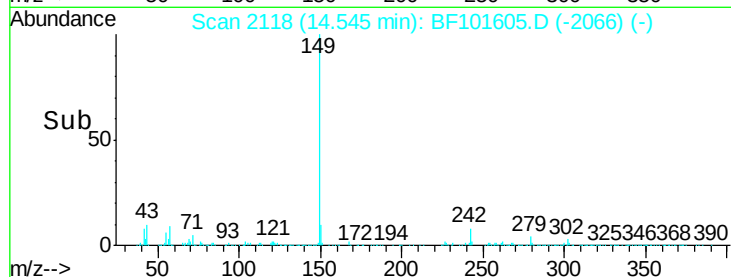
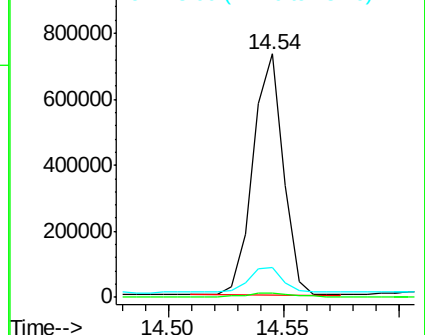
43 12.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 120.572 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.06 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

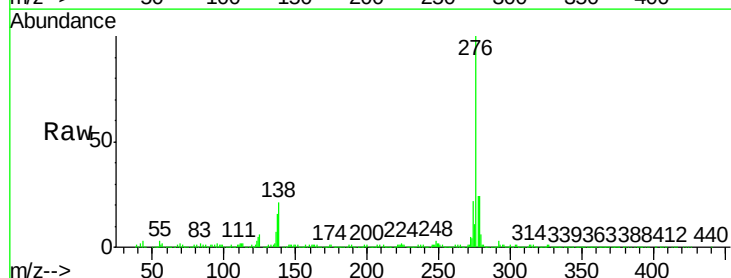
Tgt Ion:276 Resp: 1387531

Ion Ratio Lower Upper

276 100

138 22.0 25.0 37.6#

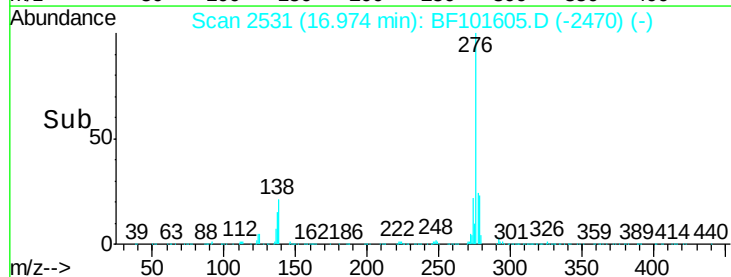
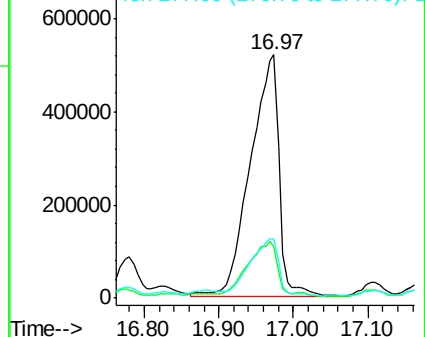
277 23.9 20.1 30.1

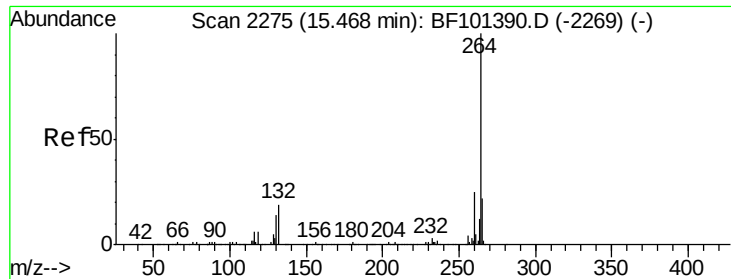


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

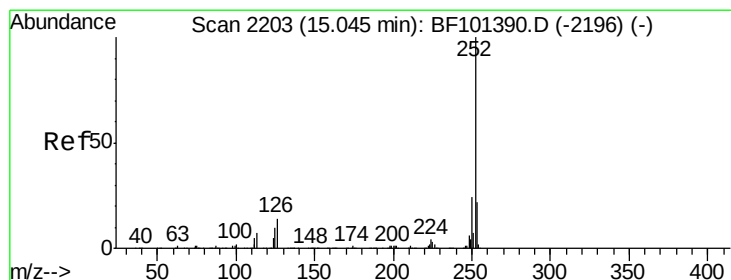
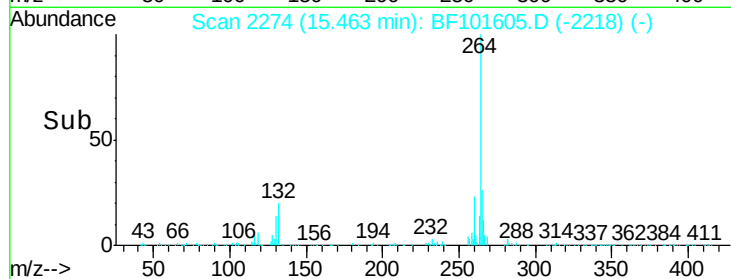
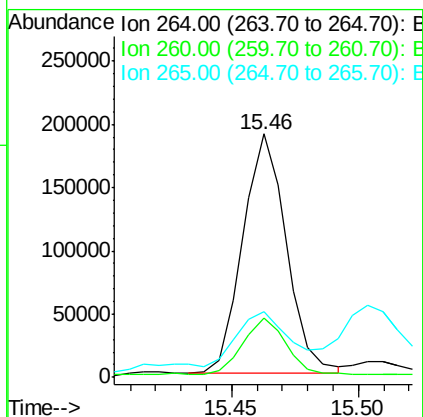
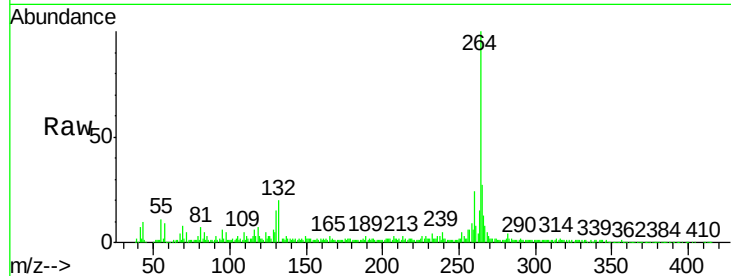




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

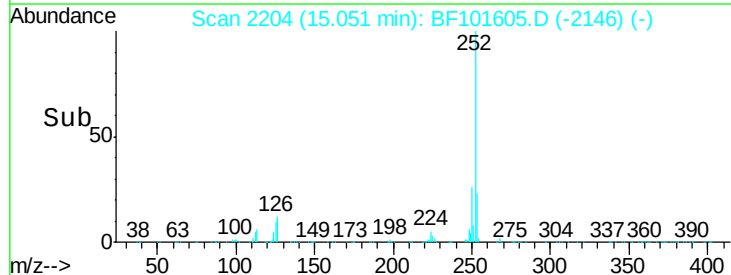
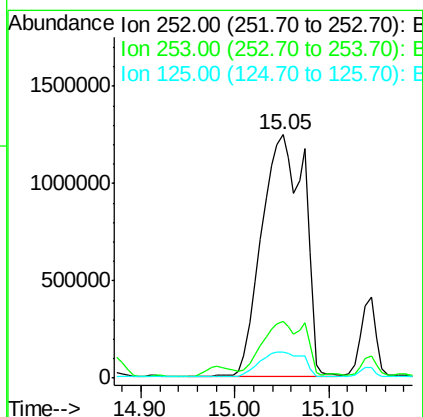
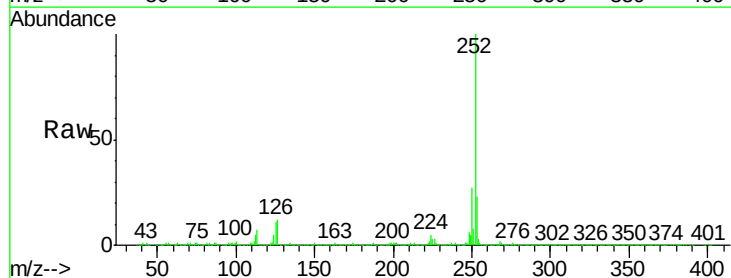
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

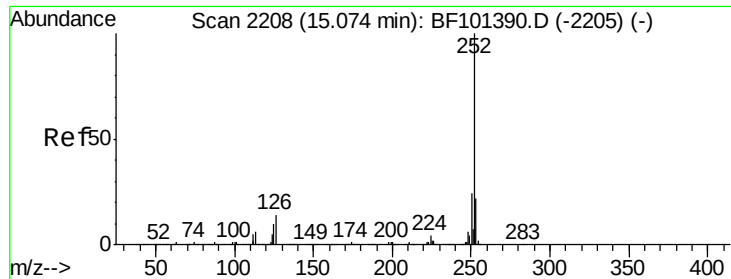
Tgt Ion: 264 Resp: 226422
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 27.1 17.5 26.3#



#87
Benzo(b)fluoranthene
Concen: 284.815 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.04 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion: 252 Resp: 3930713
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 10.6 9.0 13.6

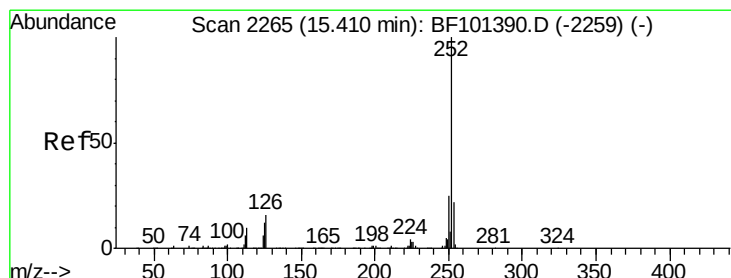
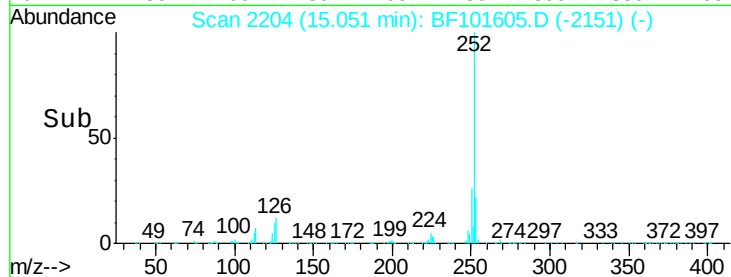
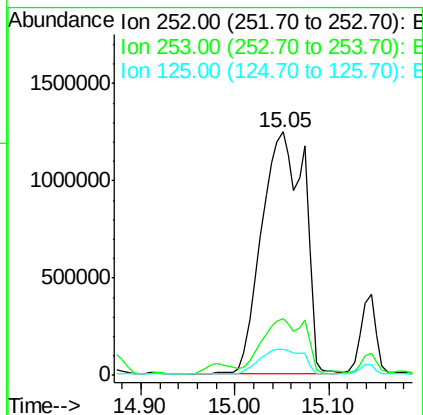
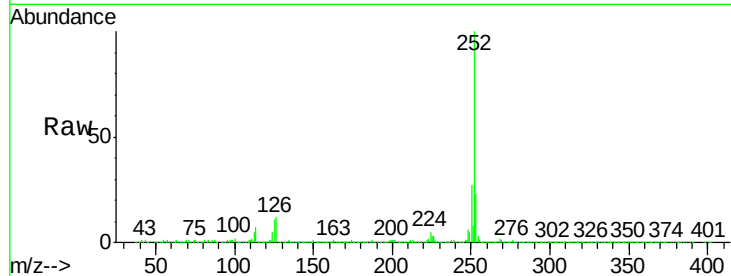




#88
Benzo(k)fluoranthene
Concen: 292.937 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

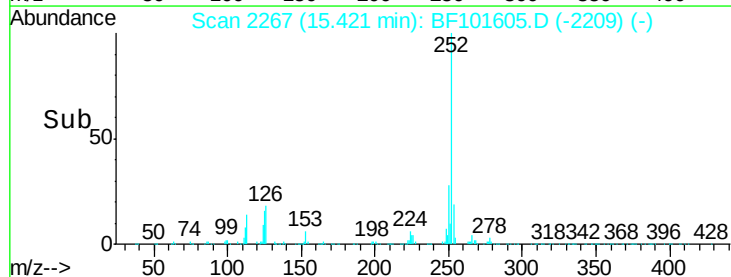
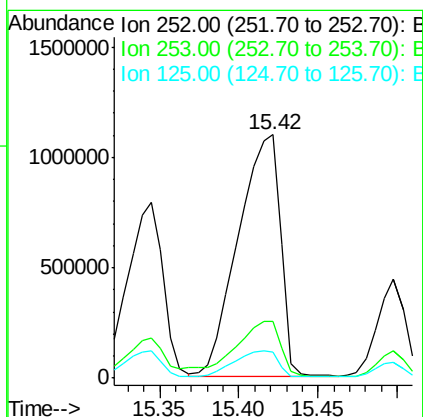
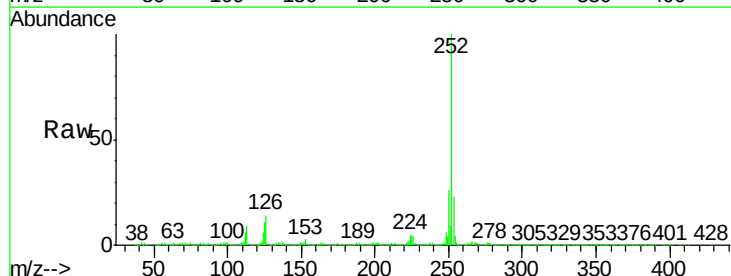
Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

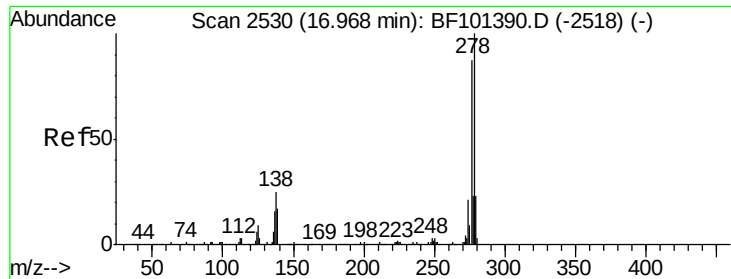
Tgt Ion:252 Resp: 3930713
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 160.757 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.04 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion:252 Resp: 2045233
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 10.9 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 50.021 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.05 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

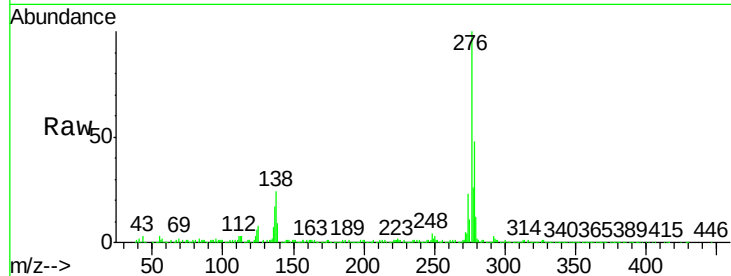
Tgt Ion:278 Resp: 546401

Ion Ratio Lower Upper

278 100

139 17.8 15.9 23.9

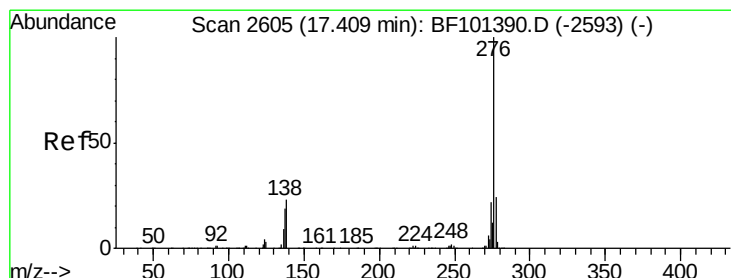
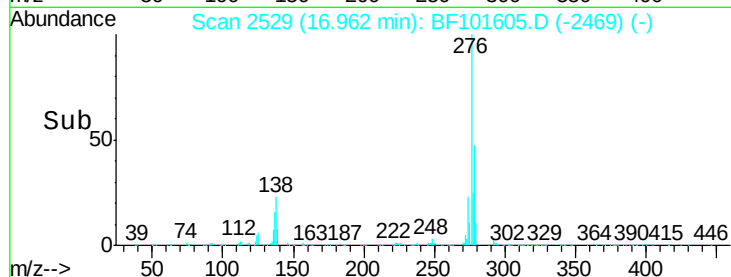
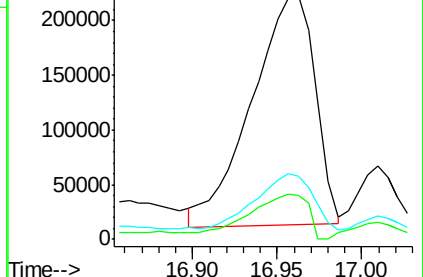
279 25.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 114.433 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.06 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

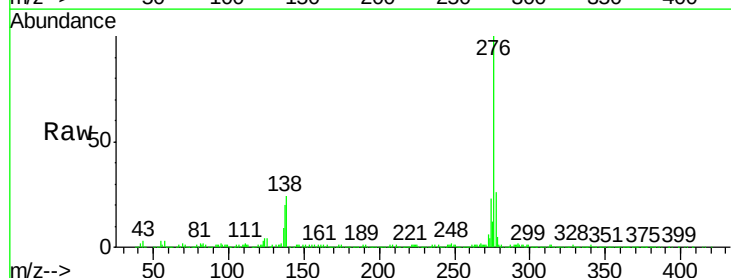
Tgt Ion:276 Resp: 1237760

Ion Ratio Lower Upper

276 100

277 25.6 17.9 26.9

138 23.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

