

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101907.D
 Acq On : 4 Jan 2018 22:36
 Operator : SJ/JU
 Sample : J1033-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 23:58:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164371	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	635762	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	245341	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	353812	20.00	ng	0.00
75) Chrysene-d12	13.96	240	267912	20.00	ng	0.00
86) Perylene-d12	15.43	264	193784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1378386	124.91	ng	0.01
7) Phenol-d6	6.43	99	1548025	112.72	ng	0.01
23) Nitrobenzene-d5	7.35	82	1000415	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	217109	91.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1056312	66.79	ng	0.00
78) Terphenyl-d14	12.88	244	867365	78.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	199498	35.185	ng	98
3) Pyridine	3.31	79	169606	10.766	ng	98
4) n-Nitrosodimethylamine	3.27	42	272763	37.605	ng	96
6) Aniline	6.45	93	285025	14.935	ng	# 37
8) 2-Chlorophenol	6.57	128	434479	37.430	ng	99
9) Benzaldehyde	6.35	77	138720	13.677	ng	95
10) Phenol	6.45	94	592968	37.883	ng	85
11) bis(2-Chloroethyl)ether	6.52	93	462752	37.690	ng	95
12) 1,3-Dichlorobenzene	6.71	146	474425	36.213	ng	96
13) 1,4-Dichlorobenzene	6.79	146	482198	36.043	ng	99
14) 1,2-Dichlorobenzene	6.94	146	419599	34.844	ng	99
15) Benzyl Alcohol	6.93	79	351444	37.180	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	766932	40.815	ng	84
17) 2-Methylphenol	7.05	107	375177	35.137	ng	# 88
18) Hexachloroethane	7.27	117	142697	30.679	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	327408	36.303	ng	90
20) 3+4-Methylphenols	7.21	107	522593	46.187	ng	99
22) Acetophenone	7.19	105	626189	43.166	ng	# 96
24) Nitrobenzene	7.37	77	508436	40.224	ng	96
25) Isophorone	7.60	82	935057	40.812	ng	97
26) 2-Nitrophenol	7.68	139	215465	39.677	ng	91
27) 2,4-Dimethylphenol	7.72	122	390731	42.353	ng	97
28) bis(2-Chloroethoxy)methane	7.80	93	573719	39.421	ng	99
29) 2,4-Dichlorophenol	7.94	162	367840	40.358	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	344536	35.820	ng	94
31) Naphthalene	8.07	128	1167433	36.475	ng	99
32) Benzoic acid	7.72	122	390731	60.392	ng	# 15
33) 4-Chloroaniline	8.15	127	136237	9.793	ng	95
34) Hexachlorobutadiene	8.18	225	199361	35.836	ng	100
35) Caprolactam	8.53	113	113322	35.806	ng	90
36) 4-Chloro-3-methylphenol	8.65	107	371938	37.128	ng	97
37) 2-Methylnaphthalene	8.77	142	737619	35.373	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	340544	41.112	ng	97
40) Hexachlorocyclopentadiene	8.82	237	550	11.761	ng	# 26

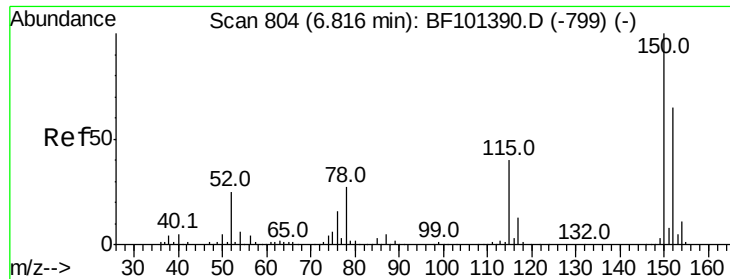
Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101907.D
 Acq On : 4 Jan 2018 22:36
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	213398	42.793	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	186731	34.198	nq	97
45) 1,1'-Biphenyl	9.23	154	872911	40.119	nq	99
46) 2-Chloronaphthalene	9.26	162	636461	38.230	nq	97
47) 2-Nitroaniline	9.37	65	252711	43.940	nq	86
48) Acenaphthylene	9.67	152	918482	34.929	nq	99
49) Dimethylphthalate	9.53	163	939857	47.626	nq	99
50) 2,6-Dinitrotoluene	9.62	165	149229	37.206	nq	# 84
51) Acenaphthene	9.85	154	555585	35.167	nq	99
52) 3-Nitroaniline	9.79	138	149472	29.891	nq	98
53) 2,4-Dinitrophenol	9.99	184	258	10.481	nq	# 1
54) Dibenzofuran	10.02	168	796721	39.683	nq	94
55) 4-Nitrophenol	10.02	139	475902	218.258	nq	# 16
56) 2,4-Dinitrotoluene	10.03	165	188612	41.738	nq	# 85
57) Fluorene	10.36	166	608172	35.808	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	140056	35.702	nq	94
59) Diethylphthalate	10.23	149	733193	37.518	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	303129	37.240	nq	94
61) 4-Nitroaniline	10.42	138	147837	29.413	nq	97
62) Azobenzene	10.51	77	707338	34.940	nq	96
65) n-Nitrosodiphenylamine	10.47	169	552206	42.268	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	170853	42.976	nq	94
67) Hexachlorobenzene	10.92	284	157738	37.489	nq	95
68) Atrazine	11.00	200	165559	42.501	nq	99
69) Pentachlorophenol	11.13	266	97482	61.251	nq	98
70) Phenanthrene	11.33	178	900024	45.742	nq	99
71) Anthracene	11.38	178	793172	39.464	nq	99
72) Carbazole	11.54	167	664615	35.319	nq	100
73) Di-n-butylphthalate	11.84	149	959720	42.021	nq	99
74) Fluoranthene	12.52	202	962942	46.625	nq	100
76) Benzidine	12.65	184	277817	24.552	nq	97
77) Pyrene	12.76	202	963474	47.918	nq	99
79) Butylbenzylphthalate	13.34	149	362317	39.825	nq	92
80) Benzo(a)anthracene	13.95	228	808525	45.704	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	180078	31.218	nq	98
82) Chrysene	13.99	228	745747	44.647	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	561700	48.744	nq	98
84) Di-n-octyl phthalate	14.51	149	905973	44.084	nq	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	442807	29.770	nq	97
87) Benzo(b)fluoranthene	15.00	252	637688	53.988	nq	98
88) Benzo(k)fluoranthene	15.03	252	501208	43.644	nq	98
89) Benzo(a)pyrene	15.37	252	508448	46.696	nq	99
90) Dibenzo(a,h)anthracene	16.90	278	341835	36.565	nq	99
91) Benzo(g,h,i)perylene	17.36	276	379040	40.945	nq	96

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

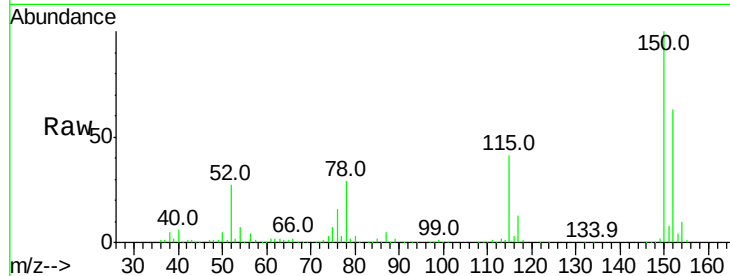


#1

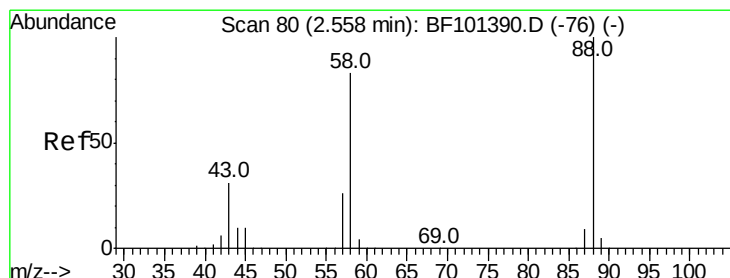
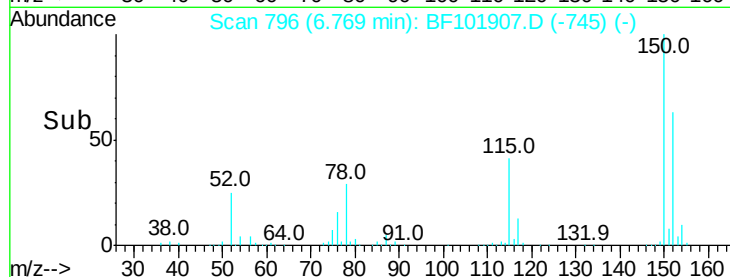
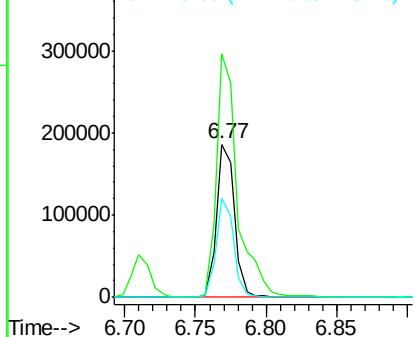
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164371
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 64.7 50.1 75.1



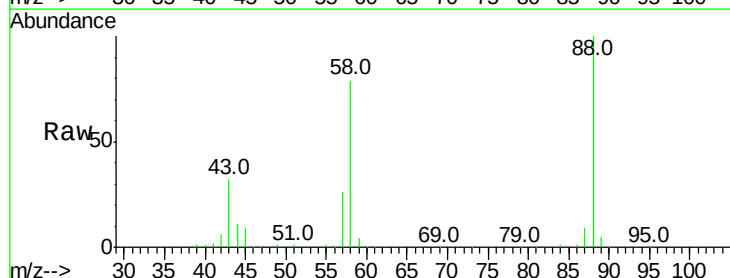
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



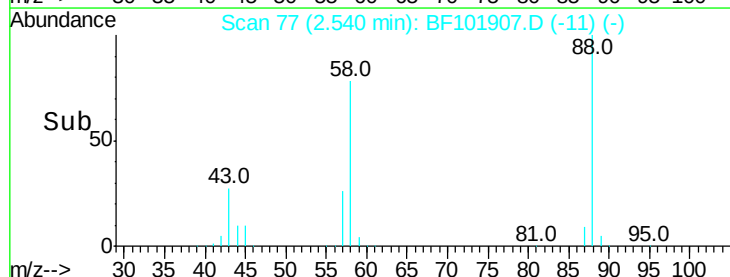
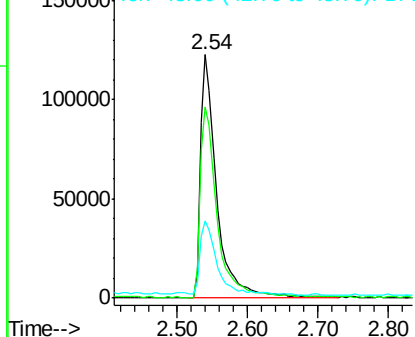
#2

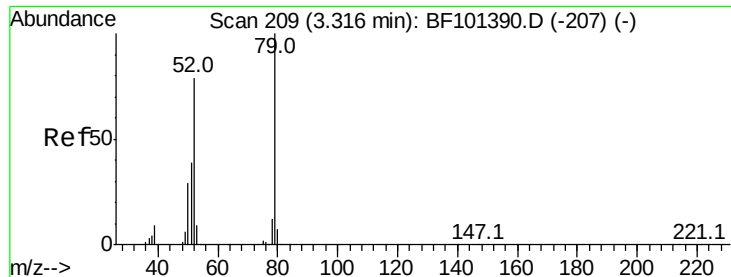
1,4-Dioxane
Concen: 35.185 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.09 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion: 88 Resp: 199498
Ion Ratio Lower Upper
88 100
58 79.7 62.6 93.8
43 32.6 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

Pvridine

Concen: 10.766 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.09 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

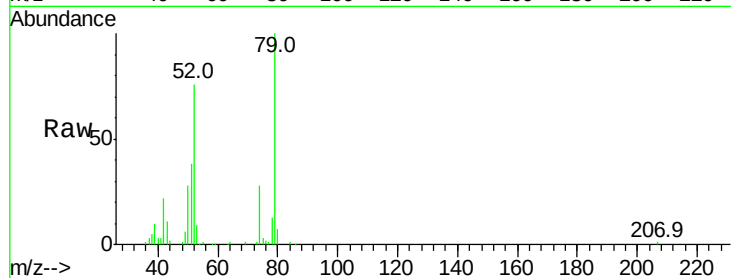
Tot Ion: 79 Resp: 169606

Ion Ratio Lower Upper

79 100

52 76.2 59.8 89.6

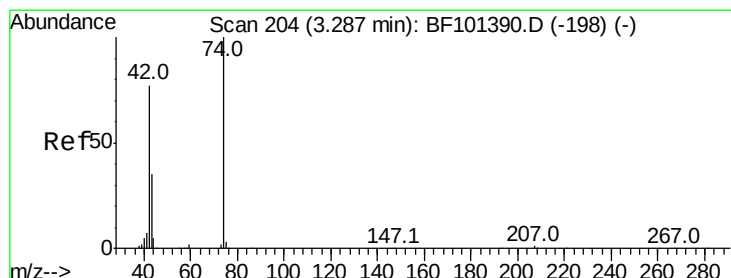
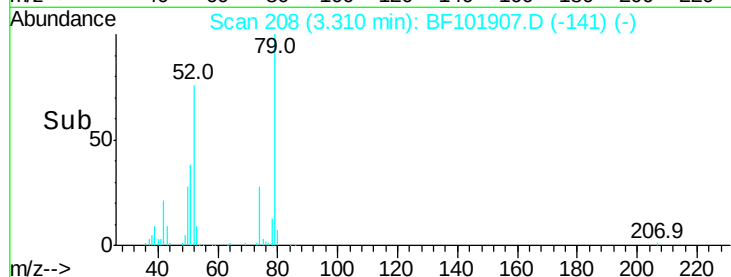
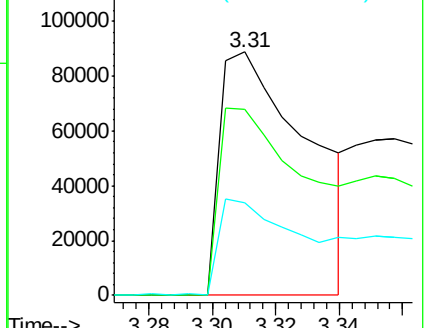
51 38.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.605 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.09 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

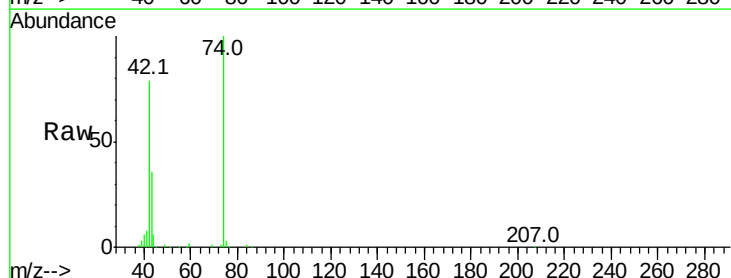
Tgt Ion: 42 Resp: 272763

Ion Ratio Lower Upper

42 100

74 126.2 104.9 157.3

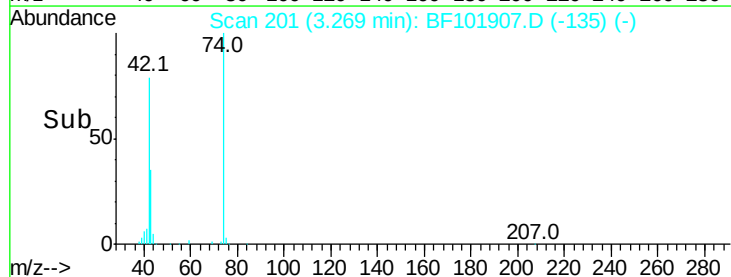
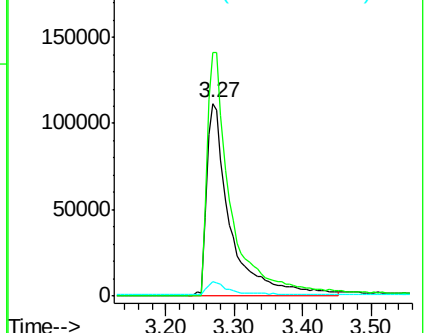
44 7.6 6.9 10.3

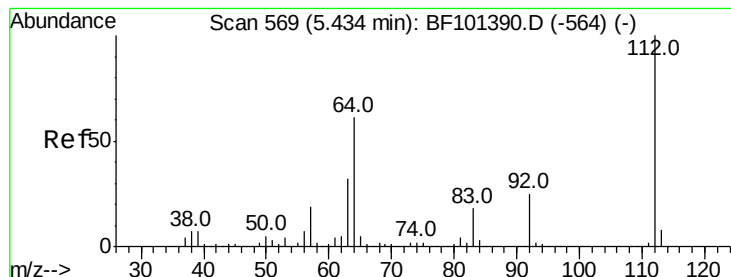


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.913 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

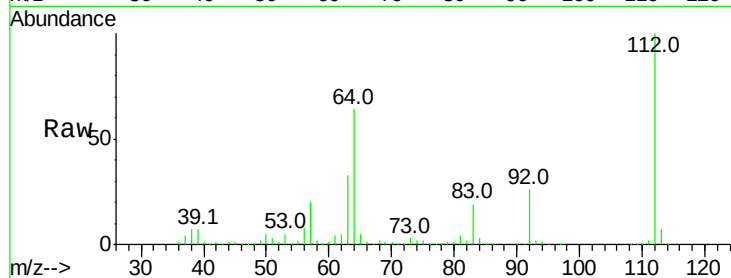
Tot Ion:112 Resp: 1378386

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

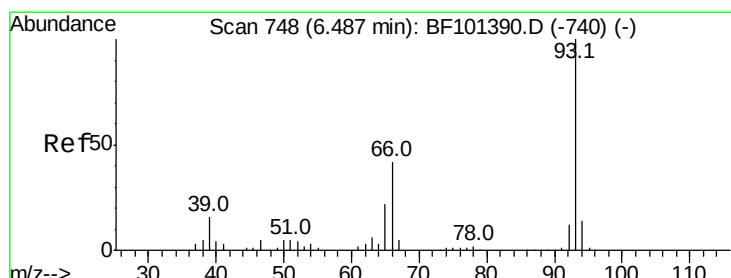
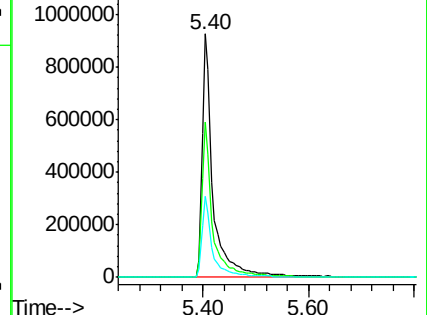
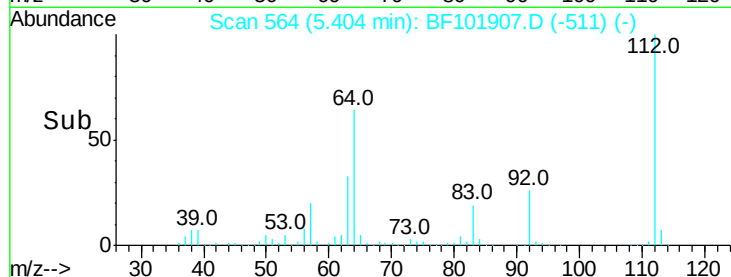
63 33.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.935 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

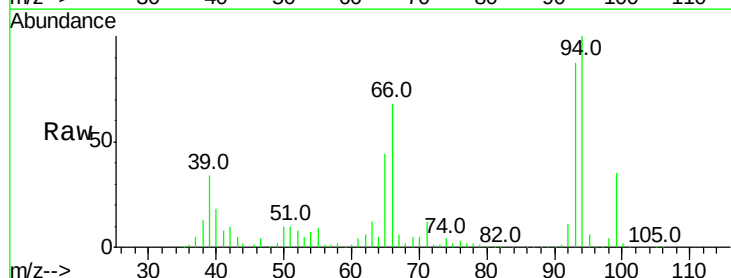
Tgt Ion: 93 Resp: 285025

Ion Ratio Lower Upper

93 100

66 78.4 32.2 48.2#

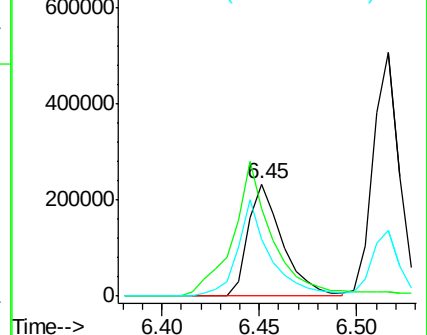
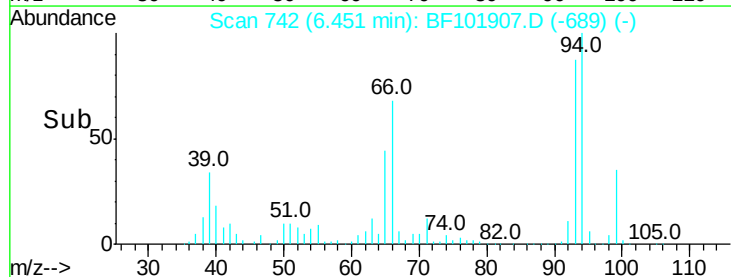
65 50.4 16.4 24.6#

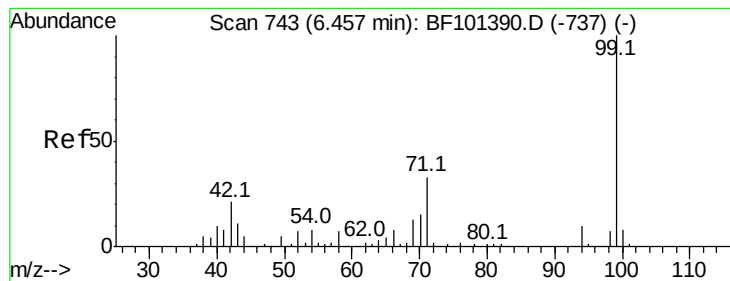


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.722 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

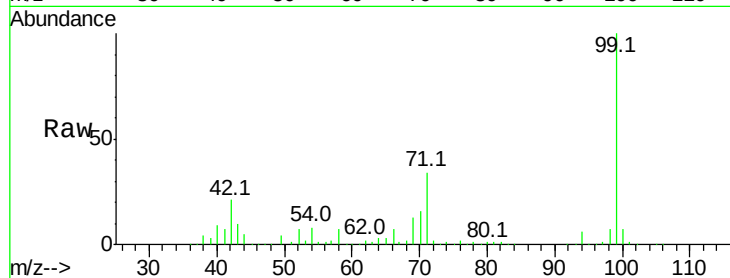
Tot Ion: 99 Resp: 1548025

Ion Ratio Lower Upper

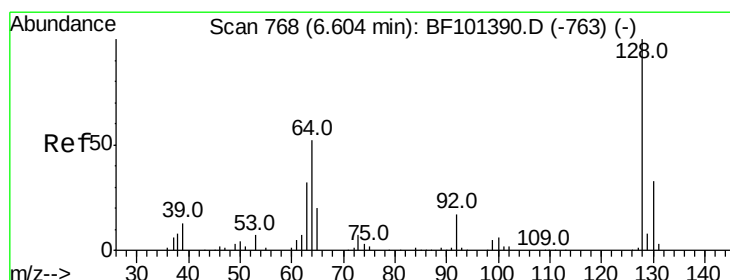
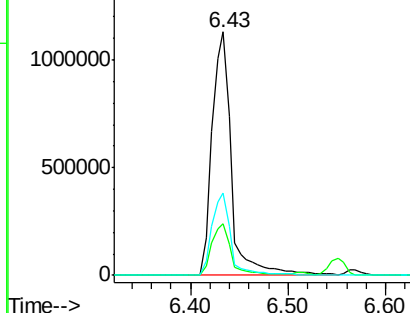
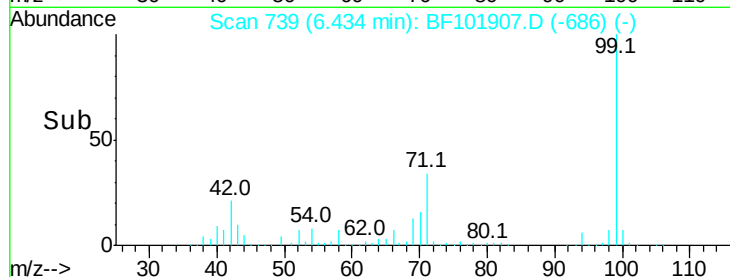
99 100

42 21.0 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.430 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

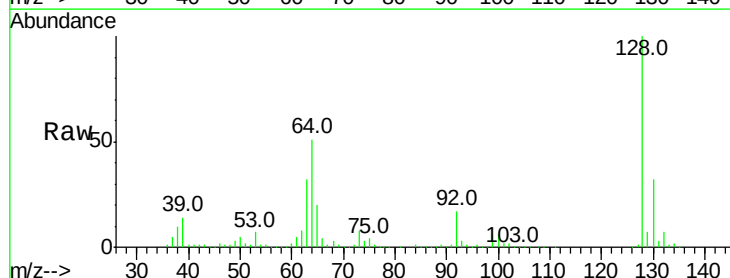
Tgt Ion: 128 Resp: 434479

Ion Ratio Lower Upper

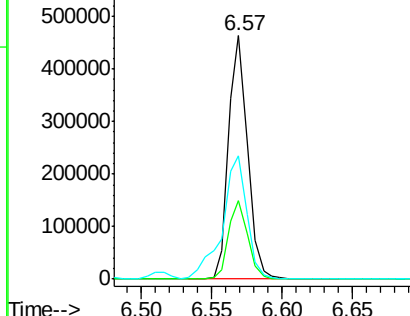
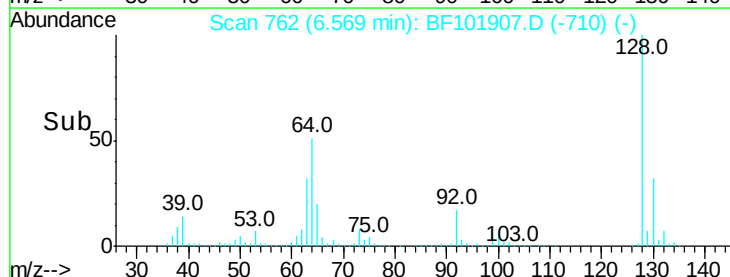
128 100

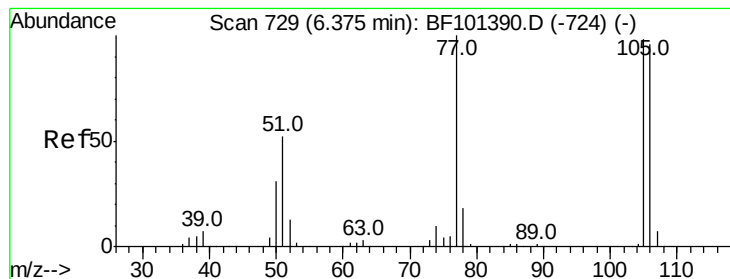
130 32.5 13.0 53.0

64 50.5 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: 13.677 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

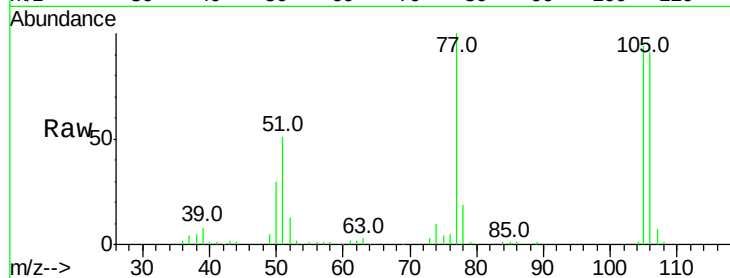
Tot Ion: 77 Resp: 138720

Ion Ratio Lower Upper

77 100

105 93.6 81.1 121.1

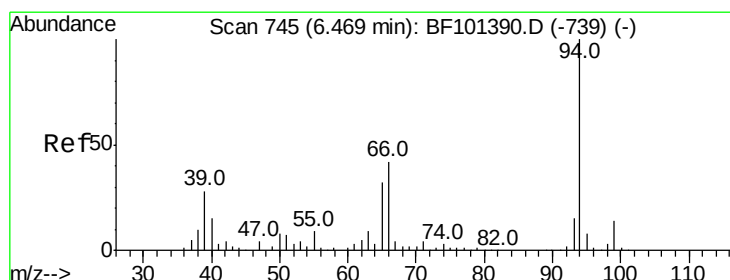
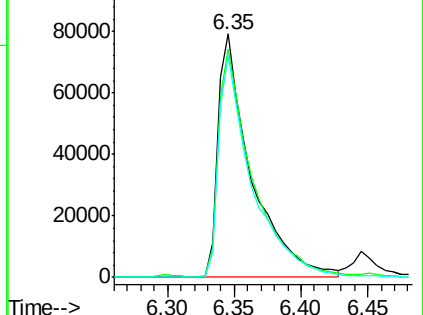
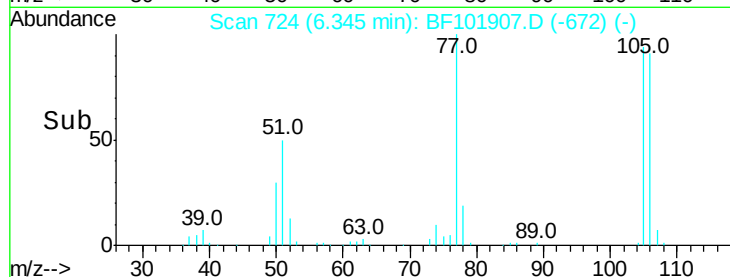
106 91.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.883 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

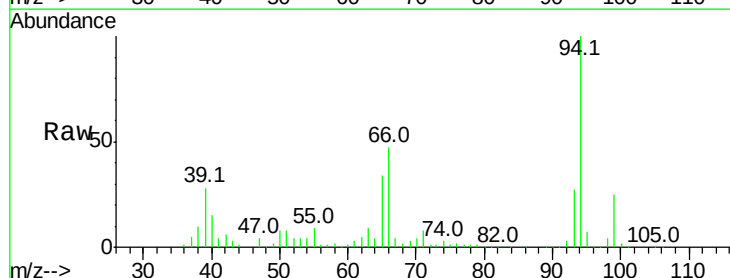
Tgt Ion: 94 Resp: 592968

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

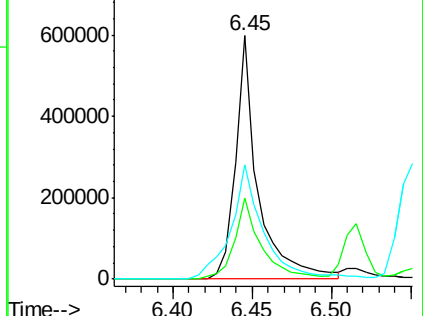
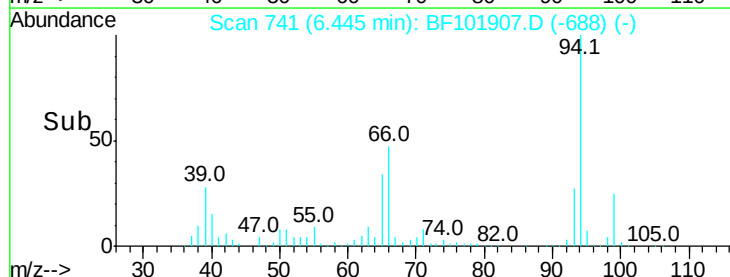
66 46.7 16.2 56.2

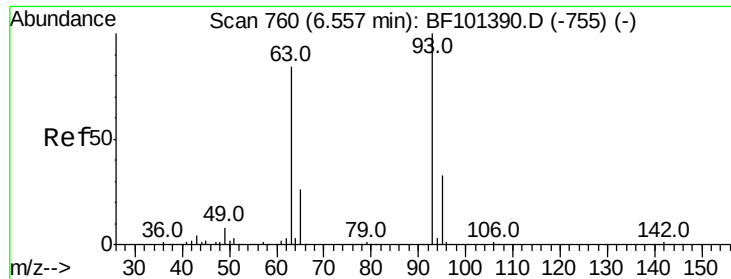


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

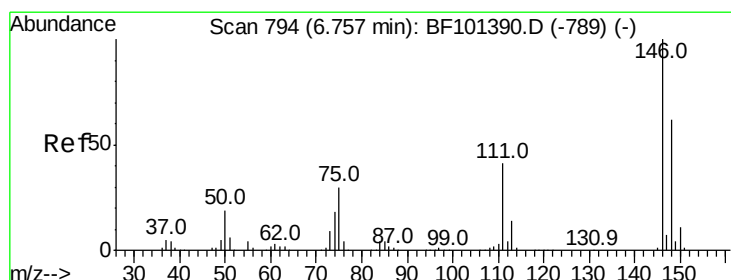
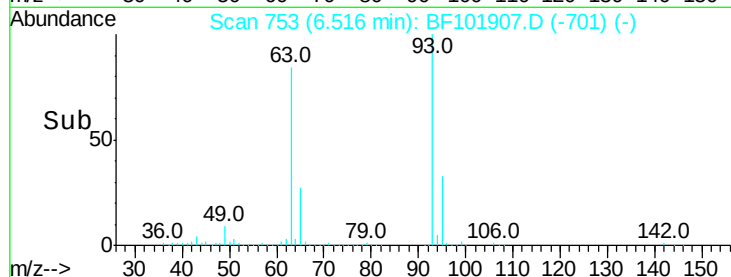
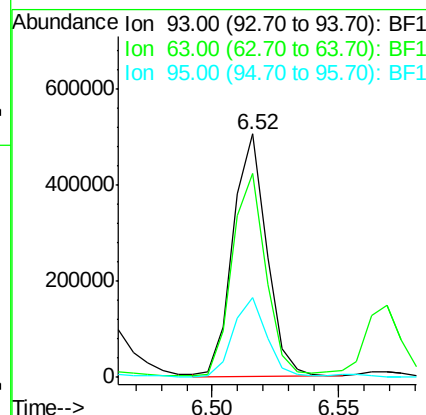
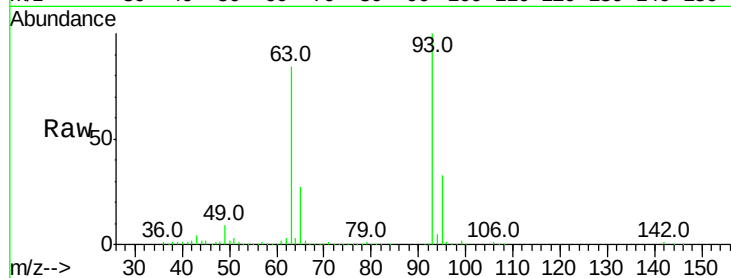




#11
bis(2-Chloroethyl)ether
Concen: 37.690 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

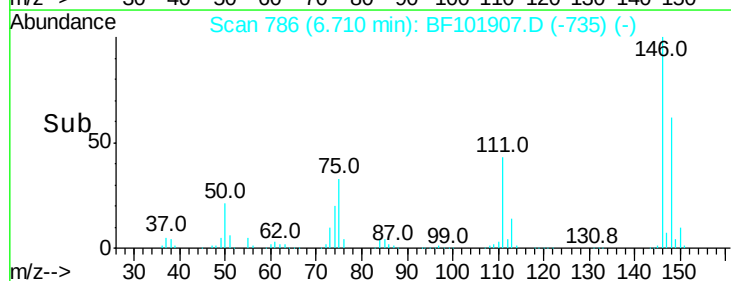
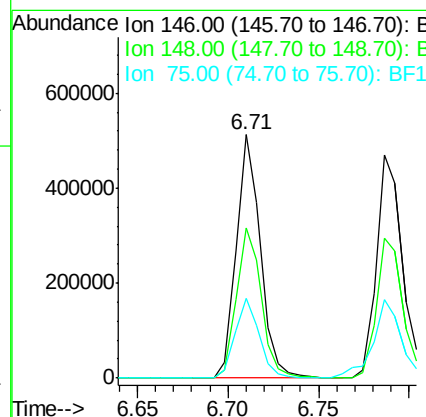
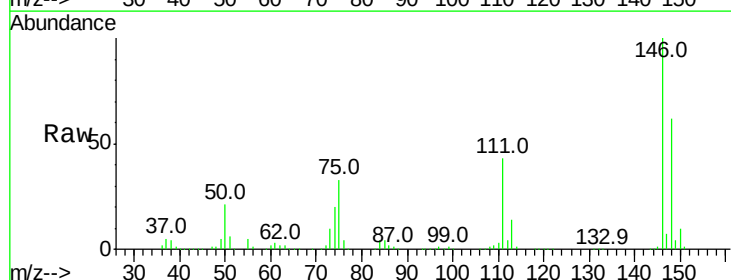
Instrument :
BNA_F
ClientSampleId :

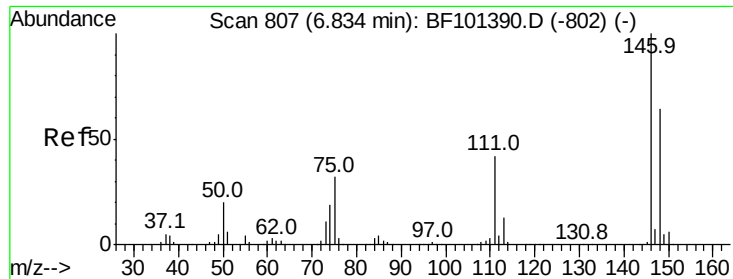
Tot Ion: 93 Resp: 462752
Ion Ratio Lower Upper
93 100
63 84.0 58.6 98.6
95 32.7 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.213 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion: 146 Resp: 474425
Ion Ratio Lower Upper
146 100
148 61.7 51.8 77.8
75 32.7 24.2 36.4

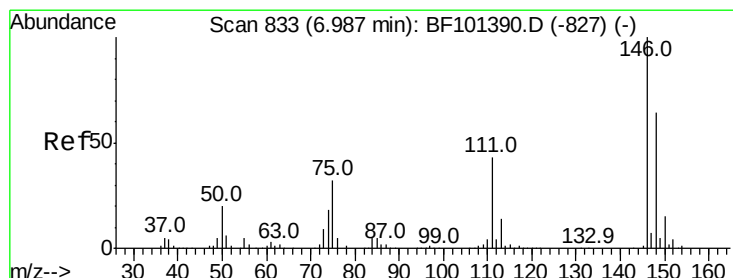
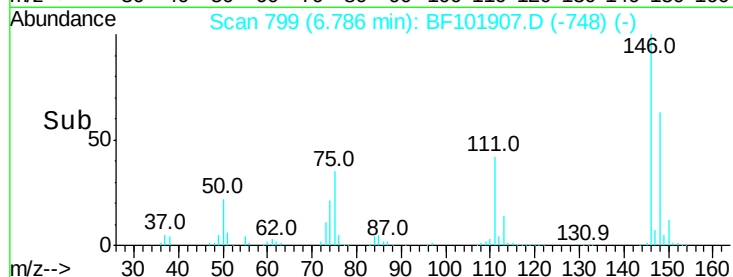
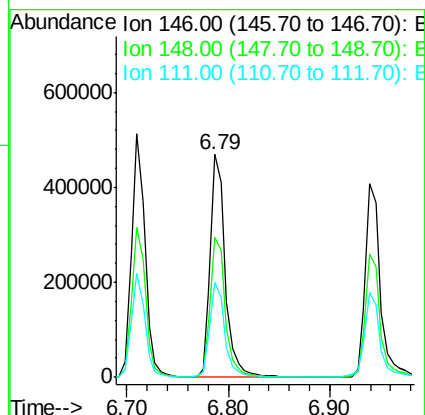
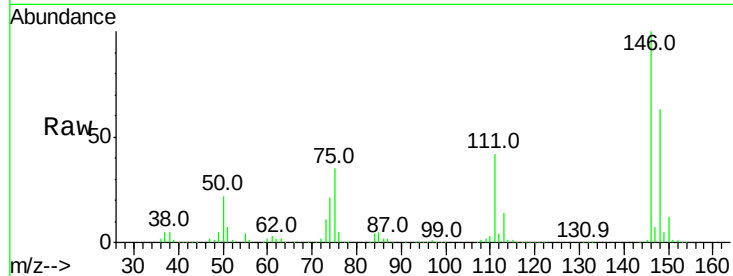




#13
 1,4-Dichlorobenzene
 Concen: 36.043 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

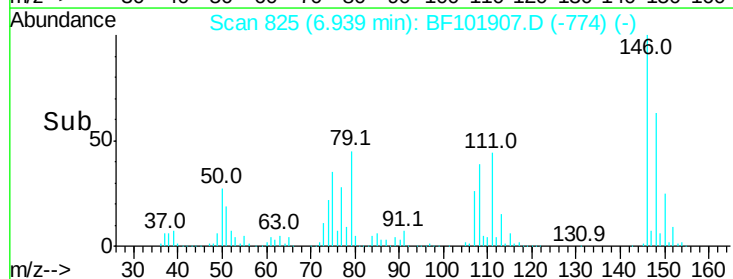
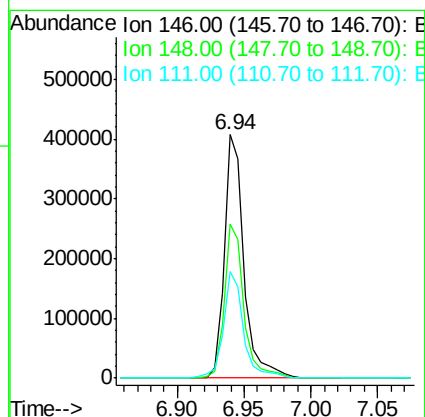
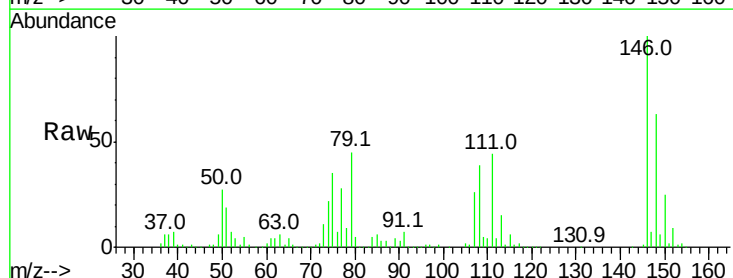
Instrument :
 BNA_F
 ClientSampleId :

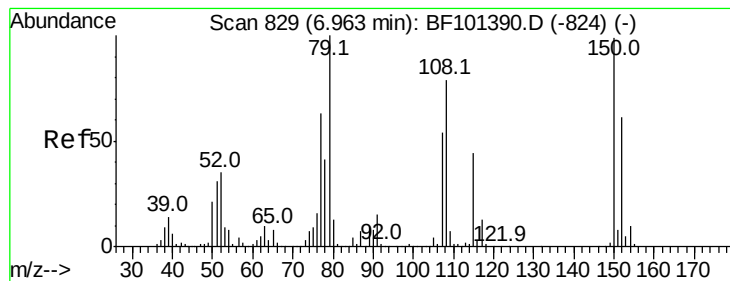
Tot Ion:146 Resp: 482198
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 34.844 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:146 Resp: 419599
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 44.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.180 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

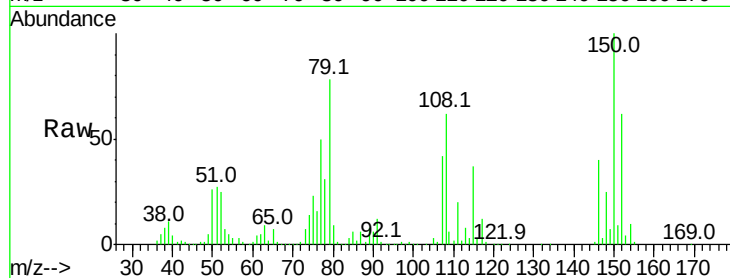
Tot Ion: 79 Resp: 351444

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

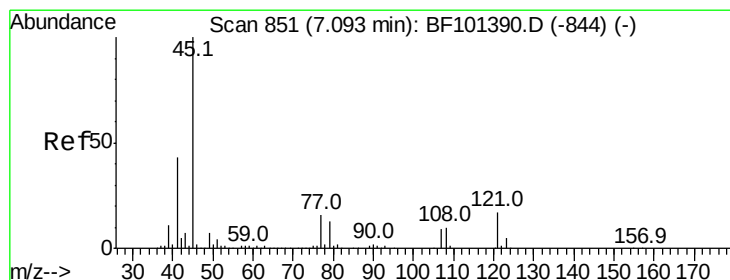
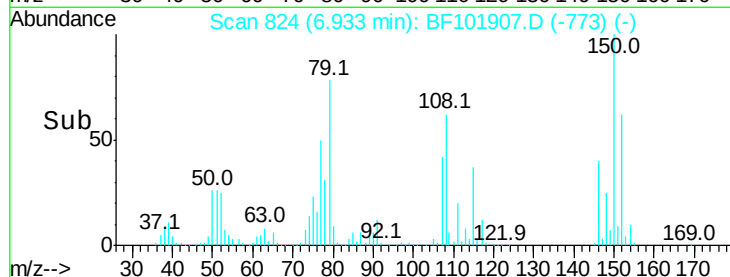
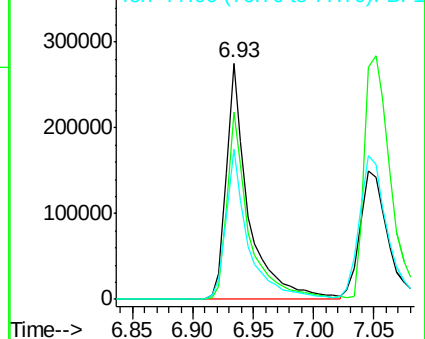
77 63.9 50.6 75.8



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: 40.815 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

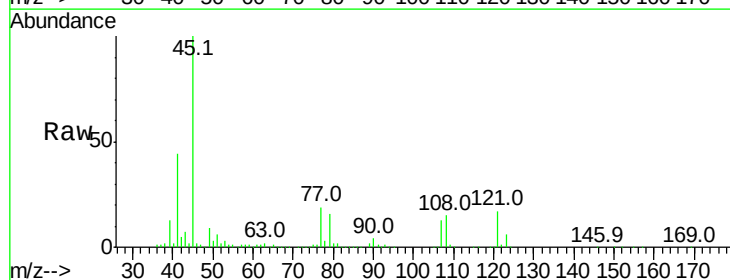
Tgt Ion: 45 Resp: 766932

Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.9

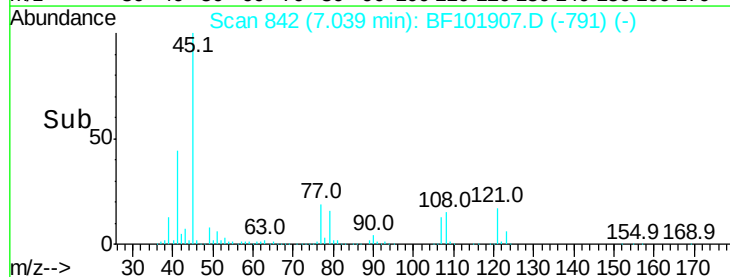
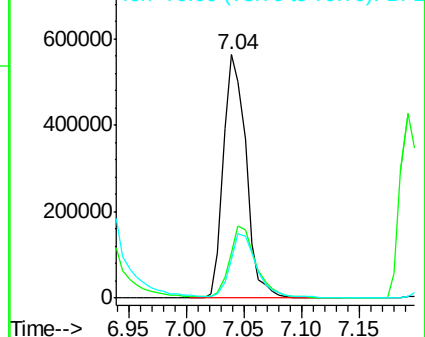
79 15.8 0.0 29.6

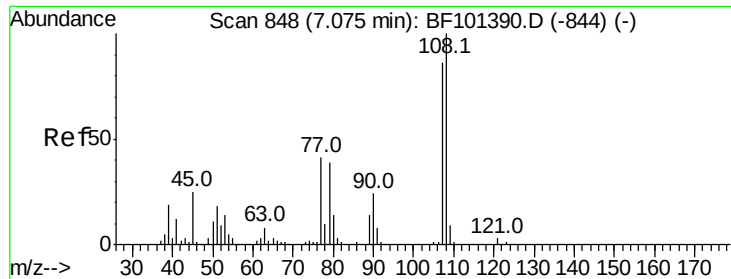


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 35.137 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 375177

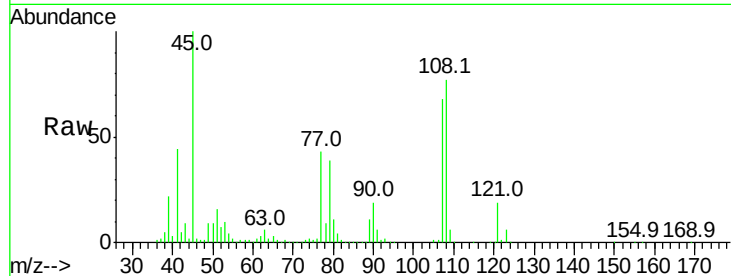
Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 62.9 33.8 50.8#

79 57.0 33.8 50.8#

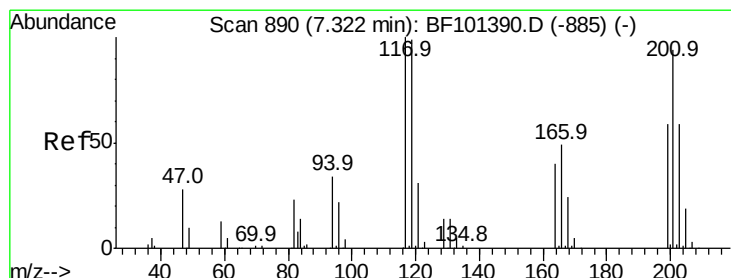
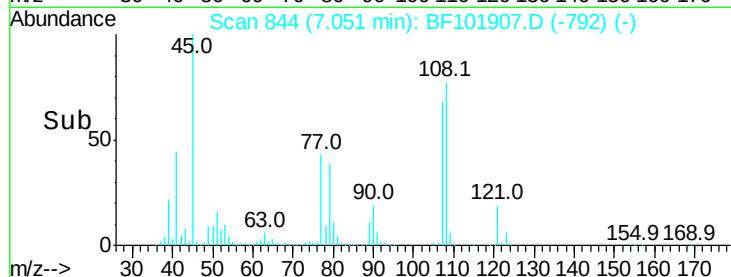
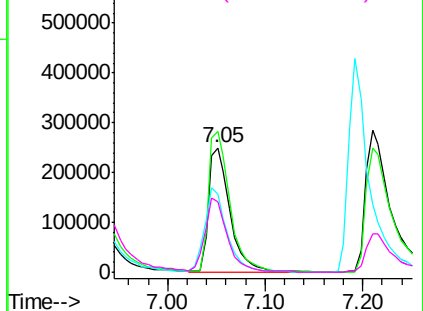


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.679 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

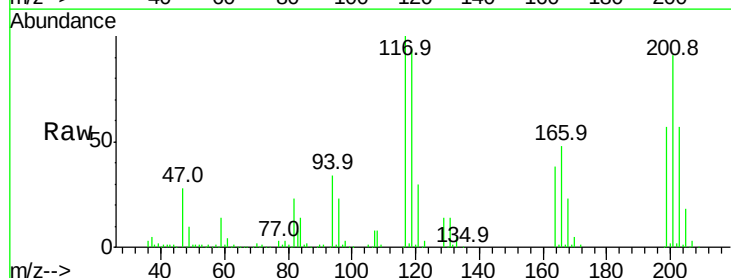
Tgt Ion:117 Resp: 142697

Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.8

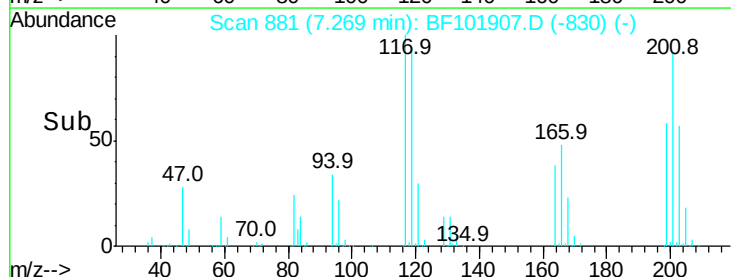
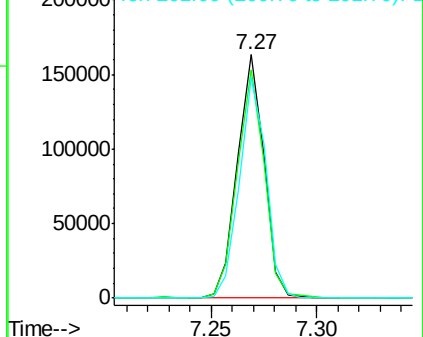
201 90.8 75.7 113.5

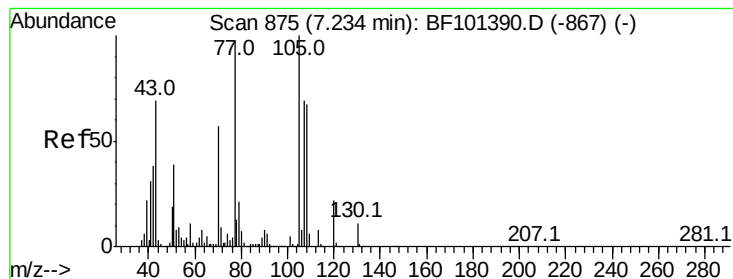


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.303 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 327408

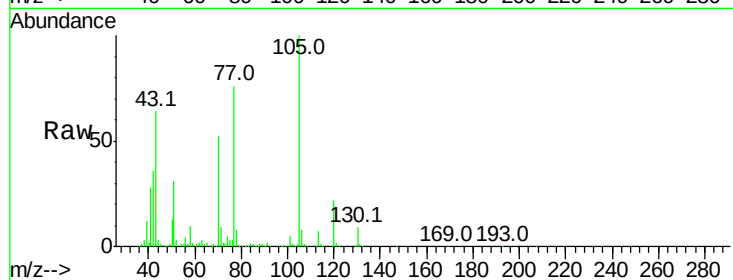
Ion Ratio Lower Upper

70 100

42 68.8 47.5 71.3

101 8.9 7.4 11.2

130 17.8 16.6 25.0

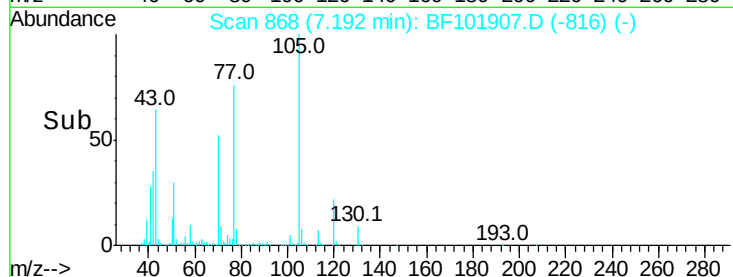
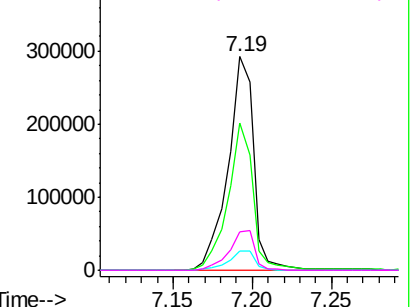


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 46.187 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Tgt Ion: 107 Resp: 522593

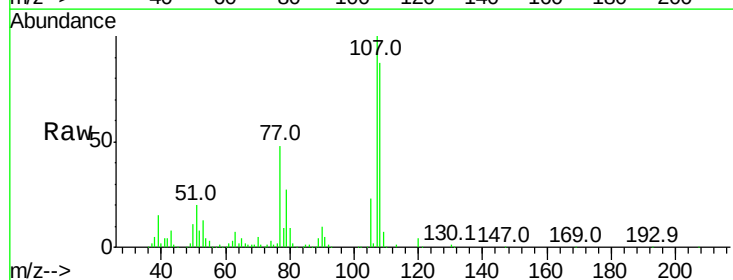
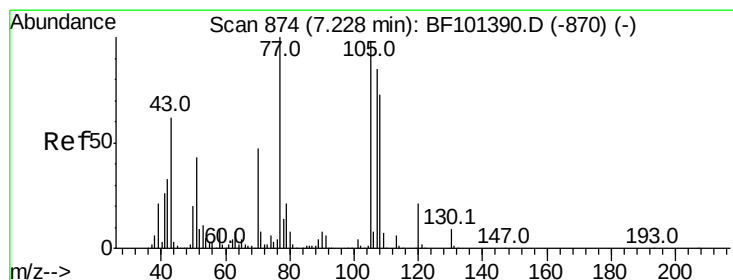
Ion Ratio Lower Upper

107 100

108 87.2 68.2 108.2

77 47.6 26.7 66.7

79 26.6 6.3 46.3

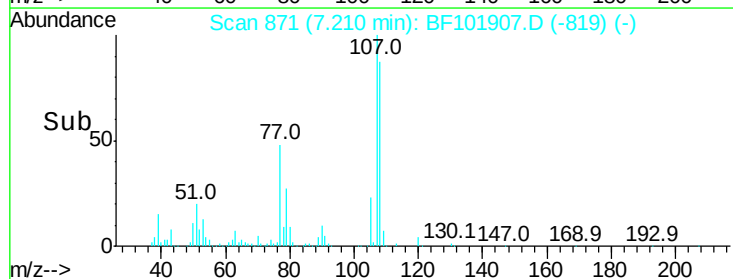
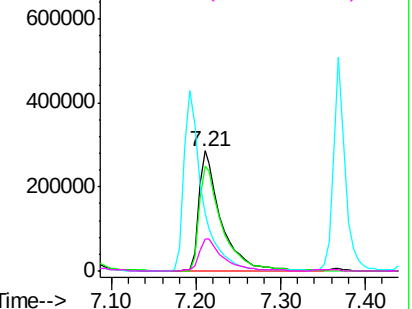


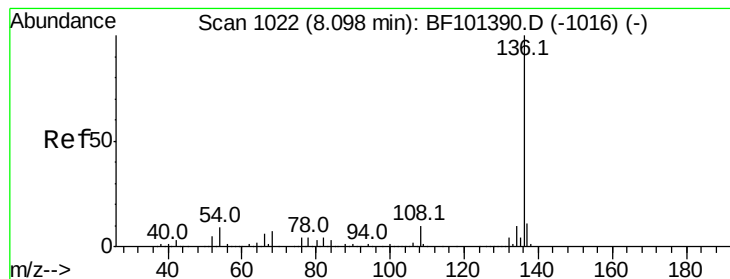
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 635762

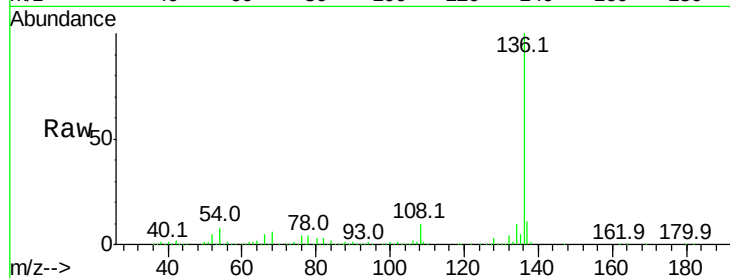
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.6 9.8

68 6.4 5.0 7.4

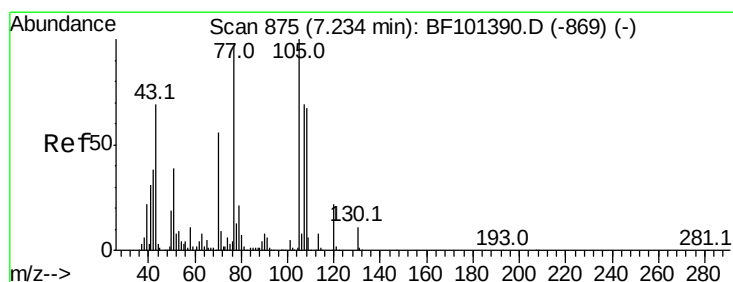
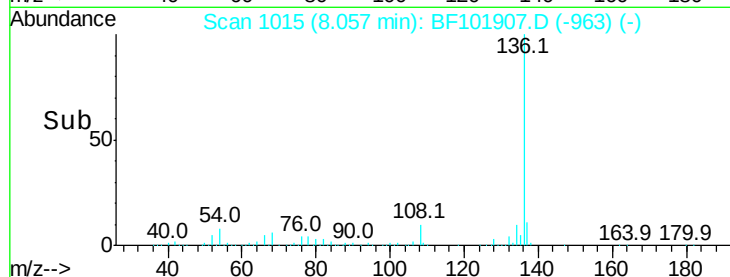
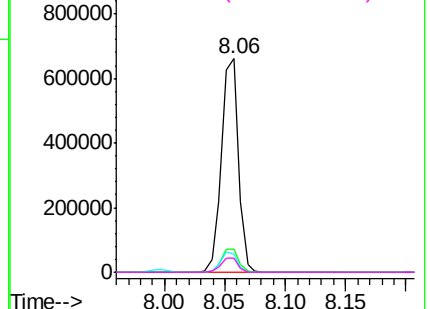


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.166 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Tgt Ion:105 Resp: 626189

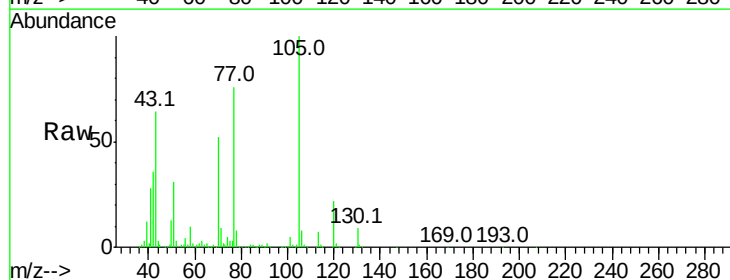
Ion Ratio Lower Upper

105 100

71 9.1 4.4 6.6#

51 30.6 22.3 33.5

120 21.5 16.9 25.3

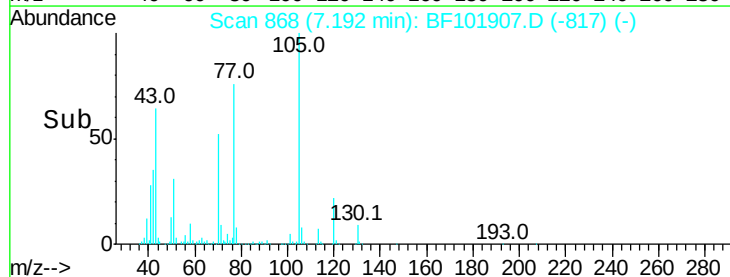
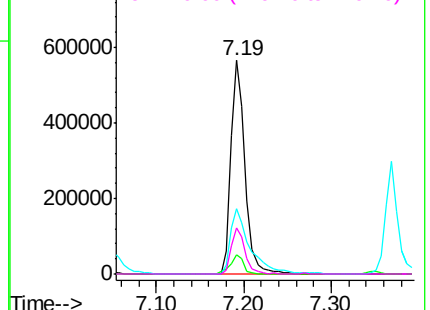


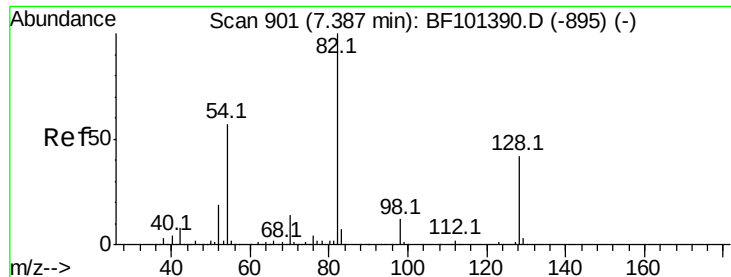
Abundance Ion 105.00 (104.70 to 105.70): E

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

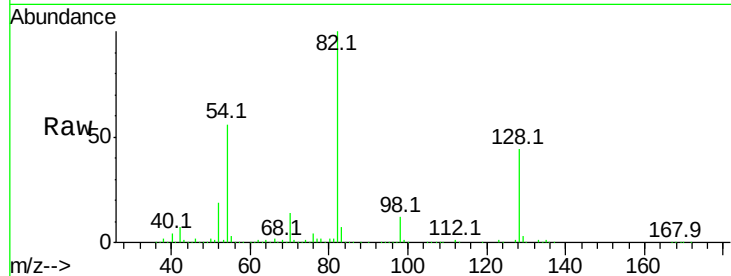




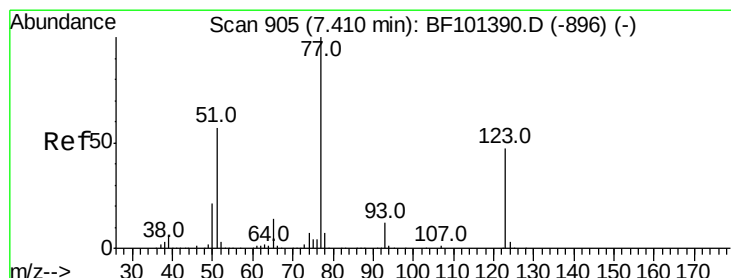
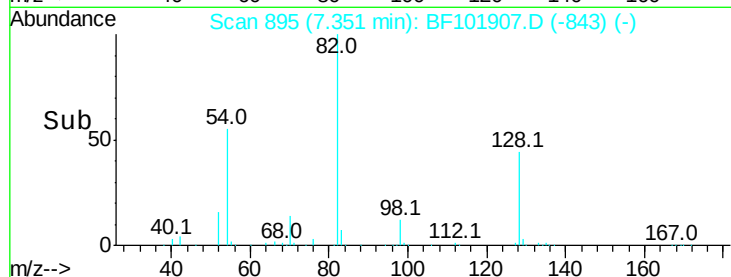
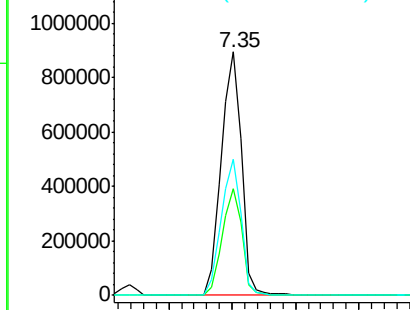
#23
Nitrobenzene-d5
Concen: 87.594 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1000415
Ion Ratio Lower Upper
82 100
128 43.7 36.1 54.1
54 56.1 41.4 62.2

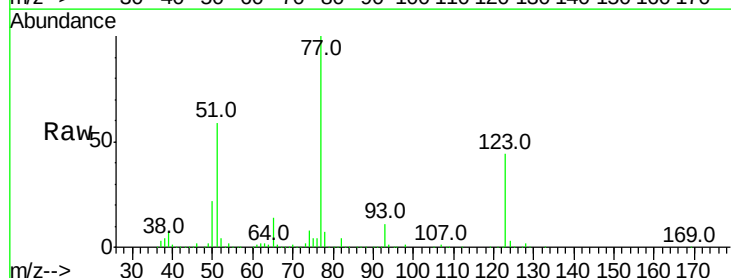


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

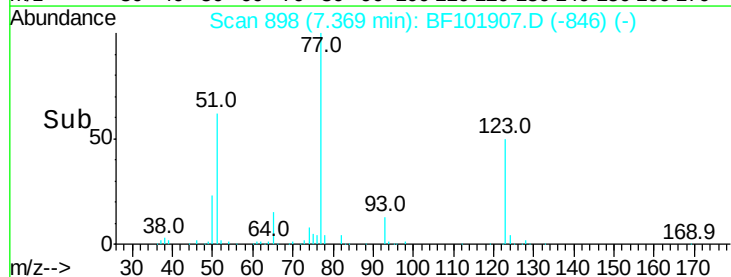
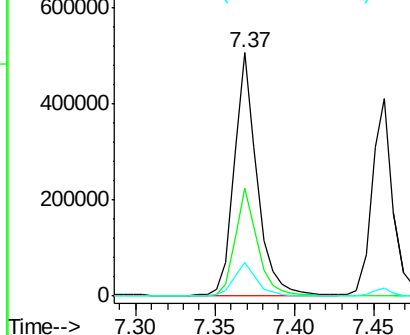


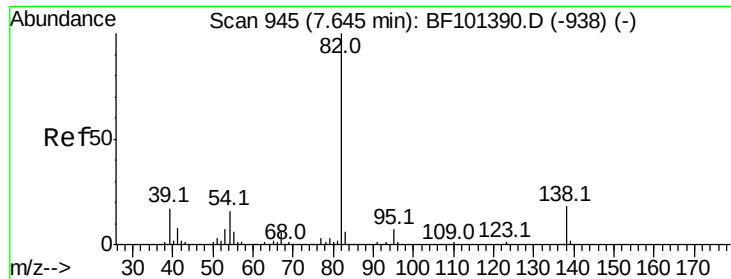
#24
Nitrobenzene
Concen: 40.224 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion: 77 Resp: 508436
Ion Ratio Lower Upper
77 100
123 44.3 37.9 56.9
65 13.9 11.0 16.4



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





#25

Isophorone

Concen: 40.812 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

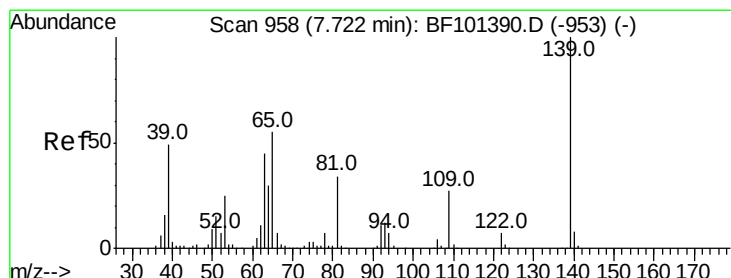
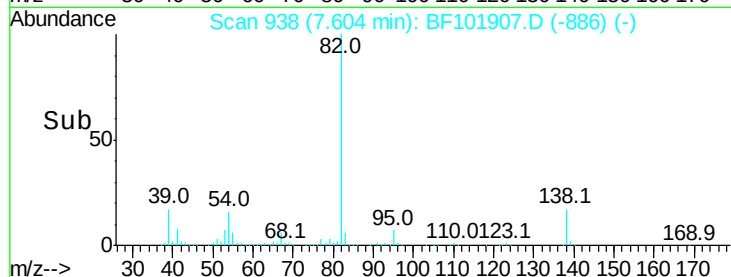
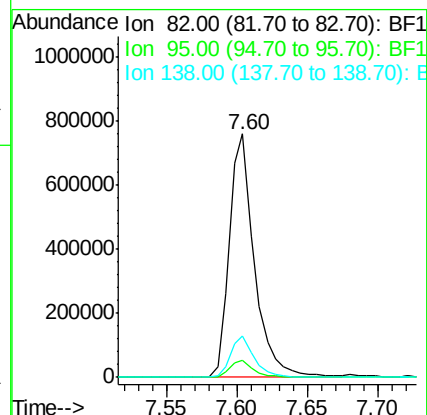
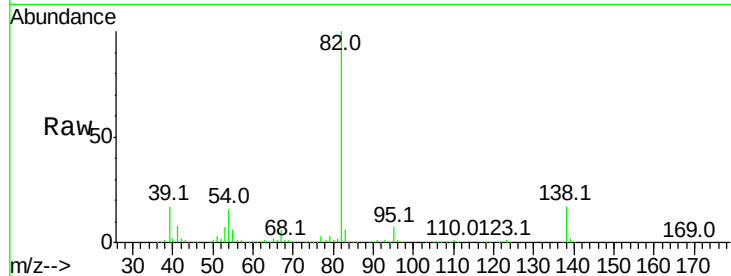
Tot Ion: 82 Resp: 935057

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 39.677 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

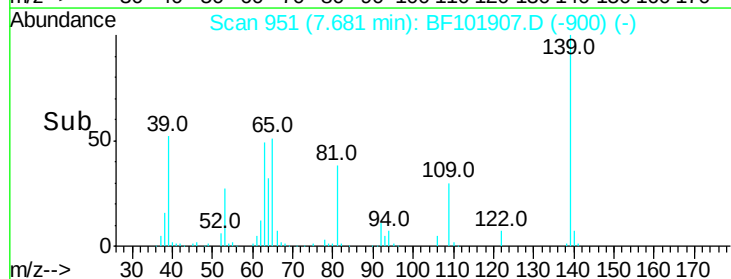
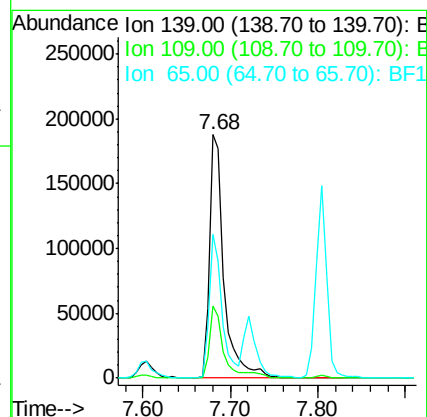
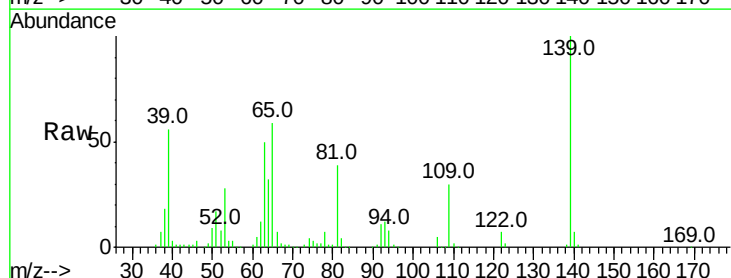
Tgt Ion: 139 Resp: 215465

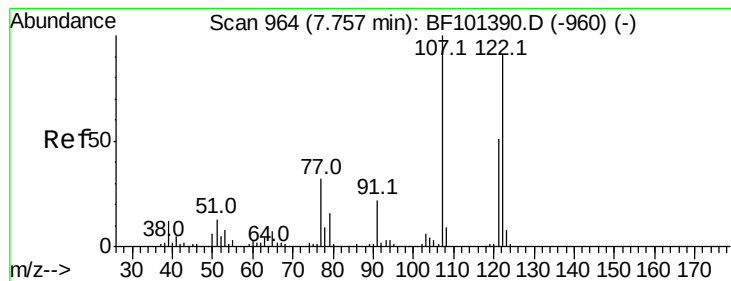
Ion Ratio Lower Upper

139 100

109 29.7 22.7 34.1

65 59.3 40.5 60.7

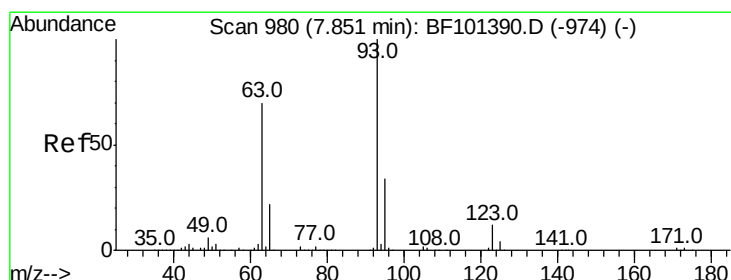
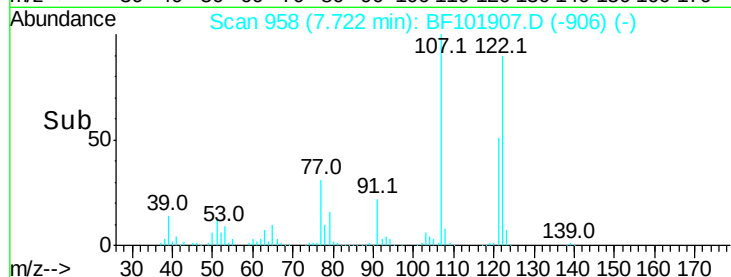
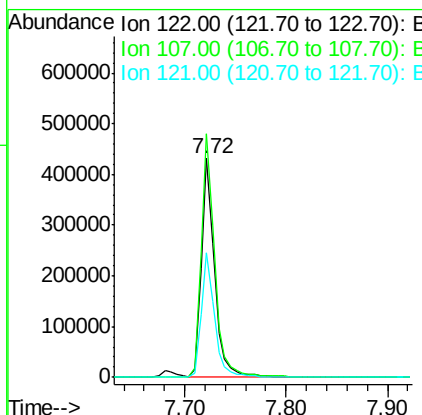
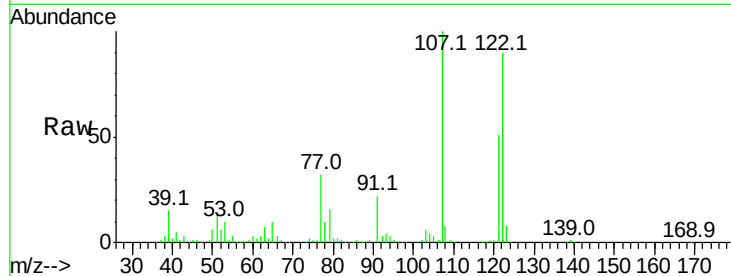




#27
2,4-Dimethylphenol
Concen: 42.353 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

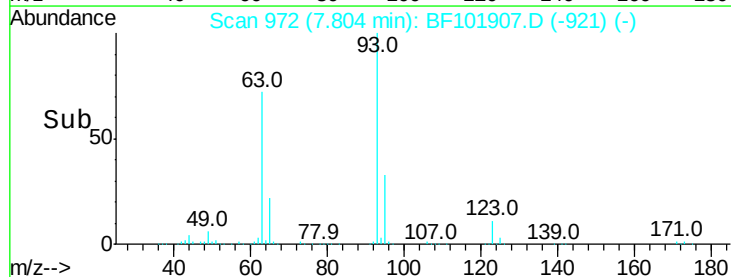
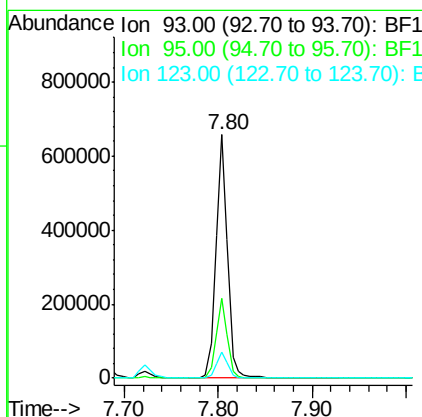
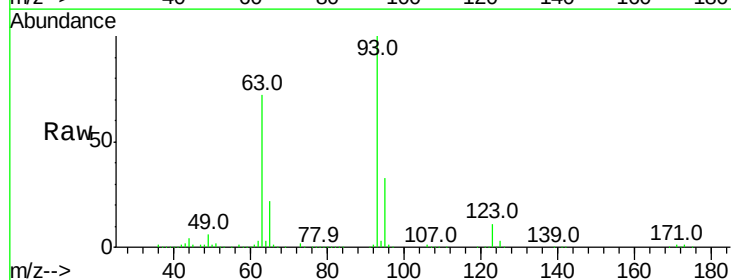
Instrument :
BNA_F
ClientSampleId :

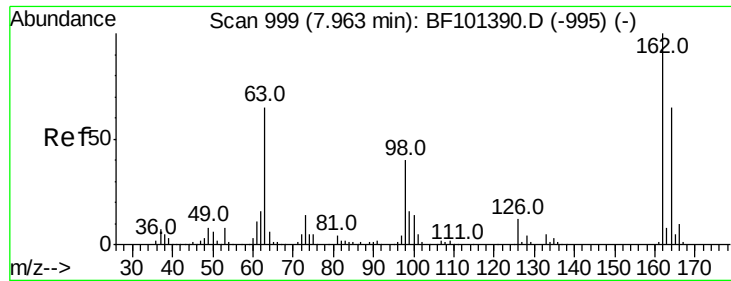
Tot Ion:122 Resp: 390731
Ion Ratio Lower Upper
122 100
107 111.2 91.2 136.8
121 56.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.421 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion: 93 Resp: 573719
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.9 9.8 14.6



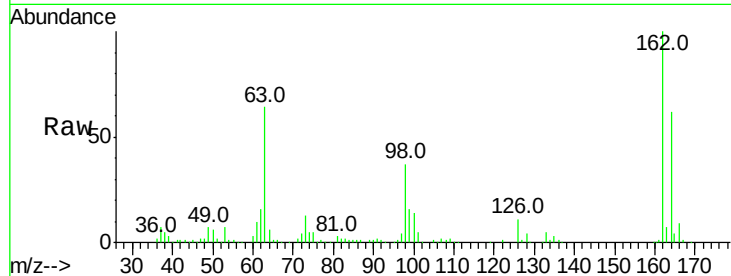


#29
 2,4-Dichlorophenol
 Concen: 40.358 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

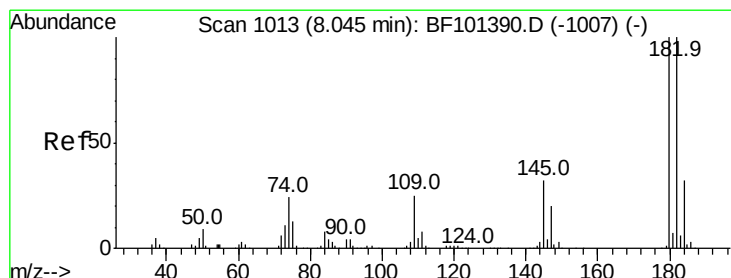
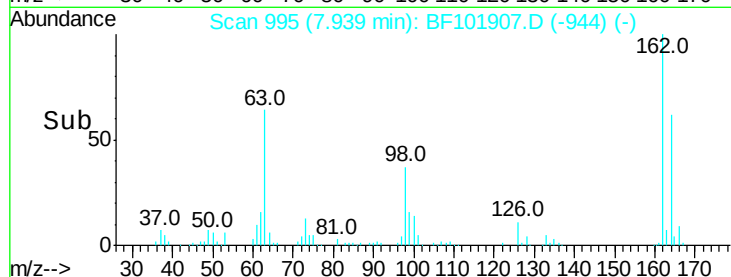
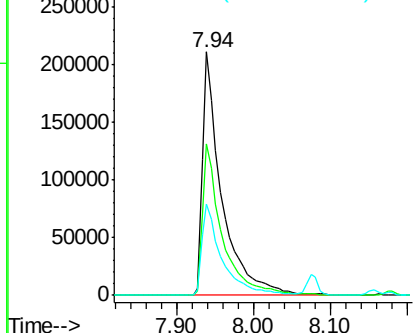
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 367840

Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	37.5	18.1	58.1



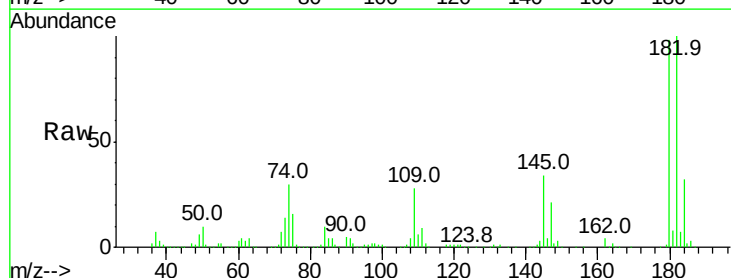
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



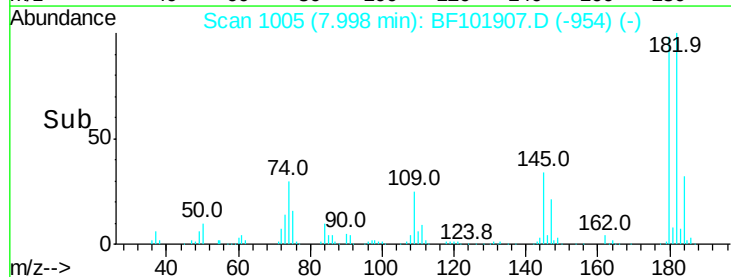
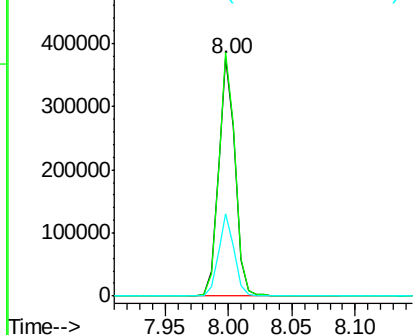
#30
 1,2,4-Trichlorobenzene
 Concen: 35.820 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

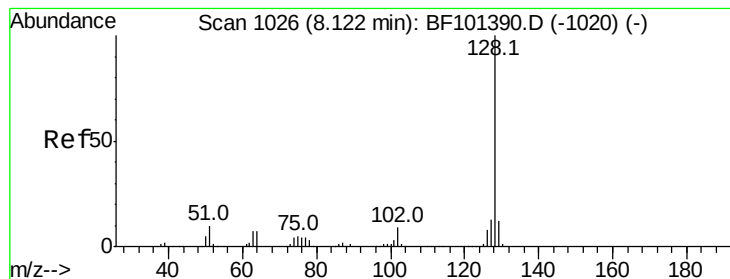
Tgt Ion:180 Resp: 344536

Ion	Ratio	Lower	Upper
180	100		
182	102.3	76.8	115.2
145	34.8	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: 36.475 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

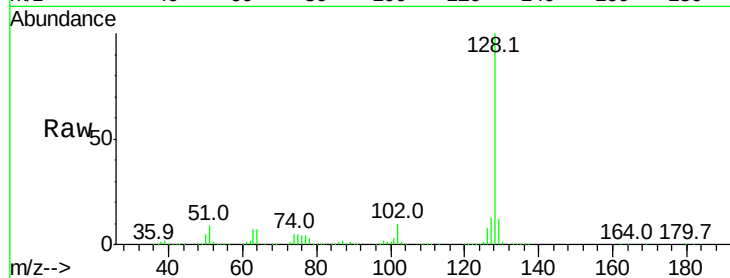
Tot Ion:128 Resp: 1167433

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

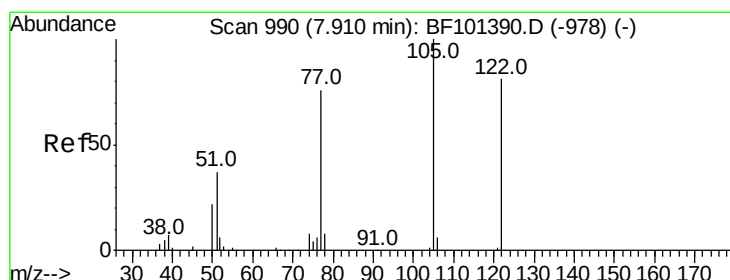
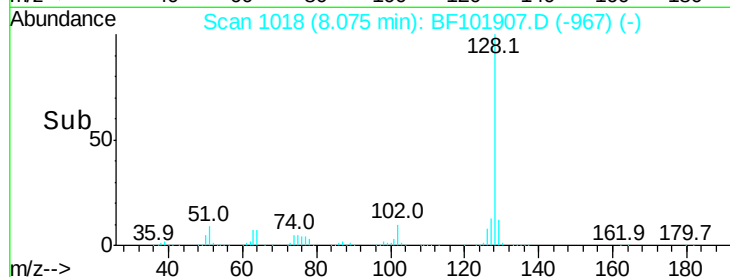
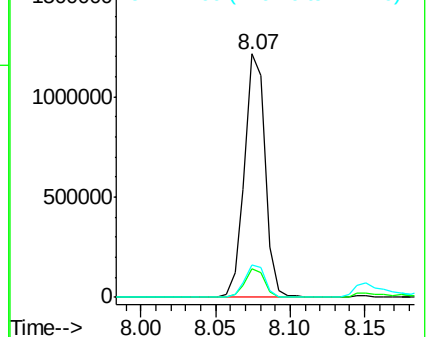
127 13.4 10.9 16.3



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: 60.392 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.17 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

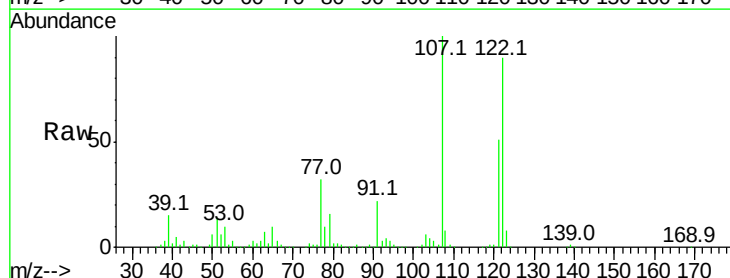
Tgt Ion:122 Resp: 390731

Ion Ratio Lower Upper

122 100

105 3.9 101.1 141.1#

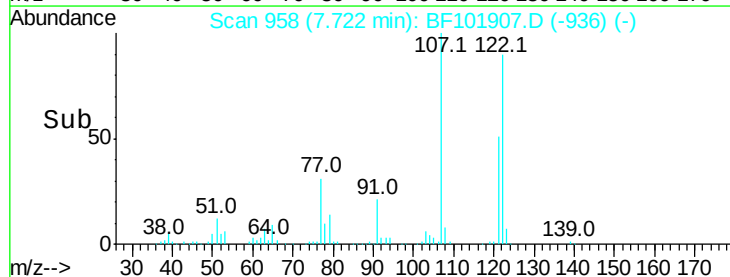
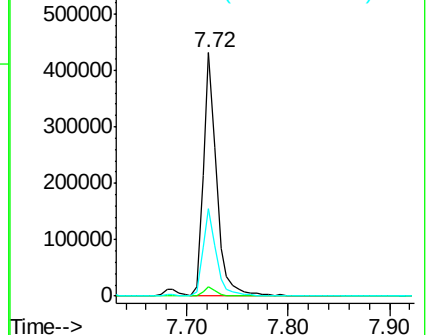
77 35.9 70.7 110.7#

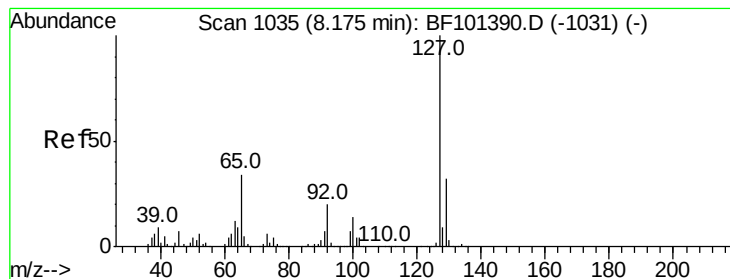


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

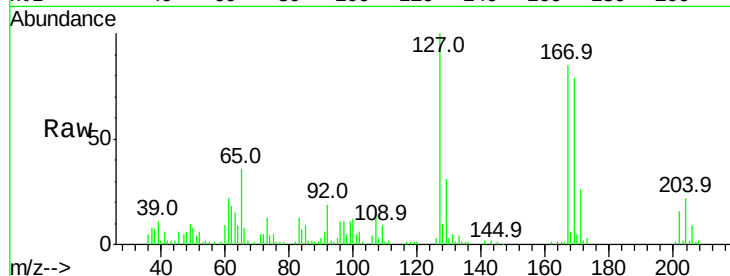




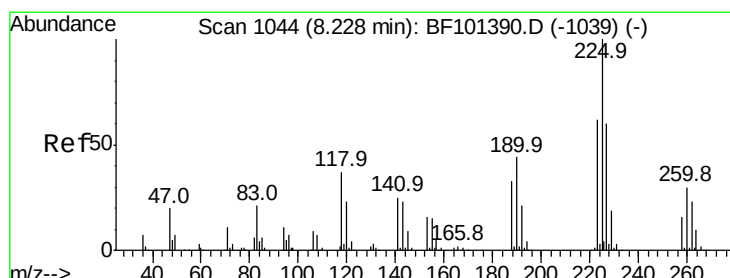
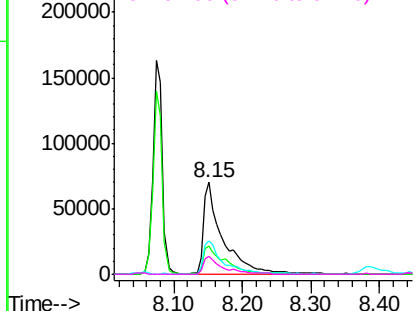
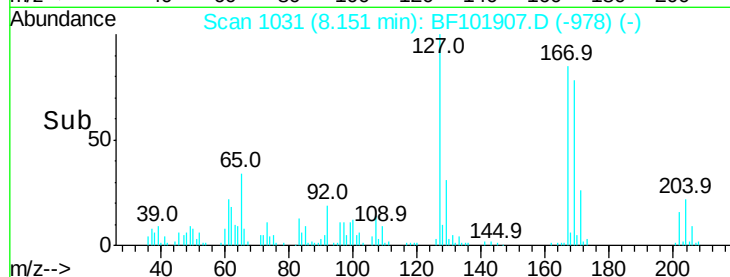
#33
4-Chloroaniline
Concen: 9.793 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	136237
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	36.4	25.0	37.4
92	19.2	15.2	22.8

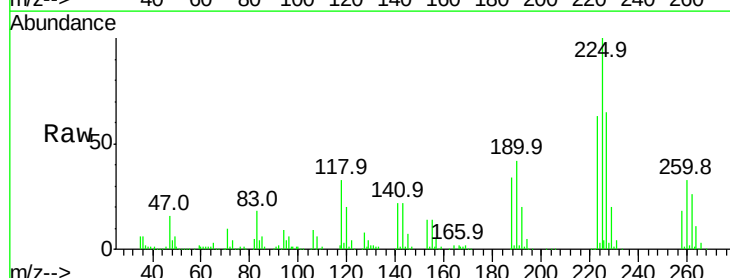


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

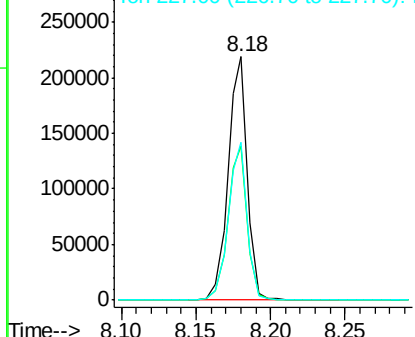
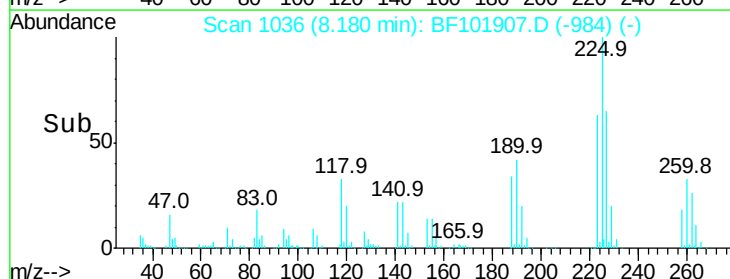


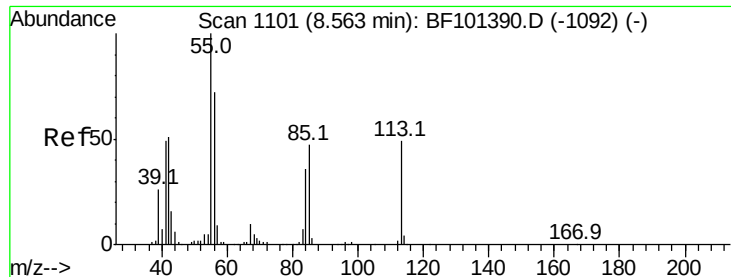
#34
Hexachlorobutadiene
Concen: 35.836 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:	225	Resp:	199361
Ion	Ratio	Lower	Upper
225	100		
223	63.4	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

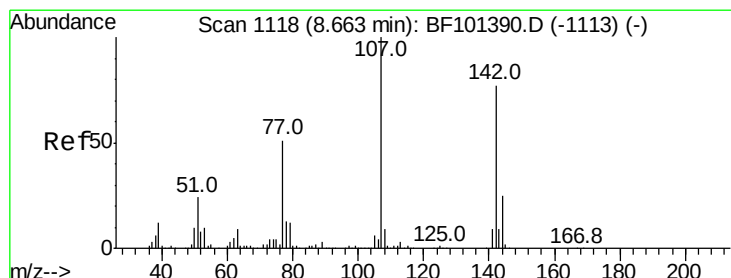
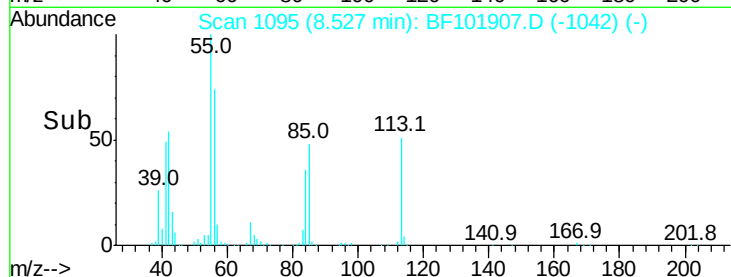
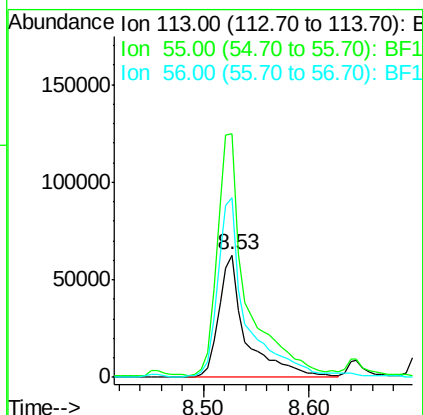
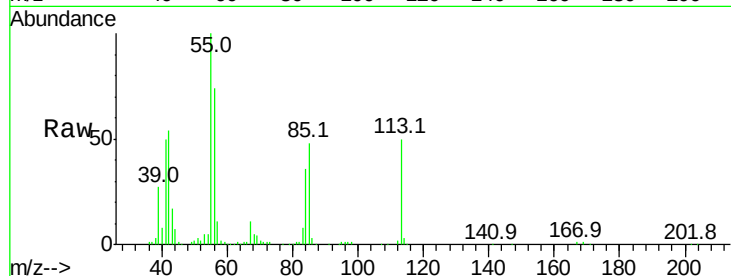




#35
Caprolactam
Concen: 35.806 ng
RT: 8.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

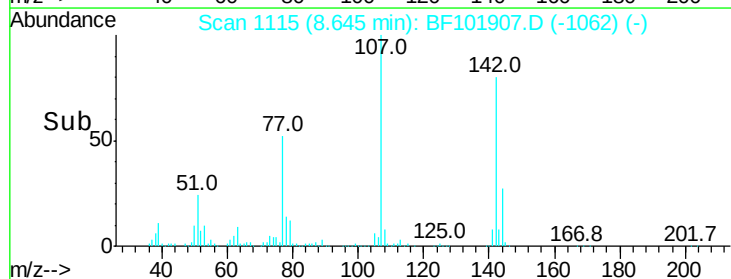
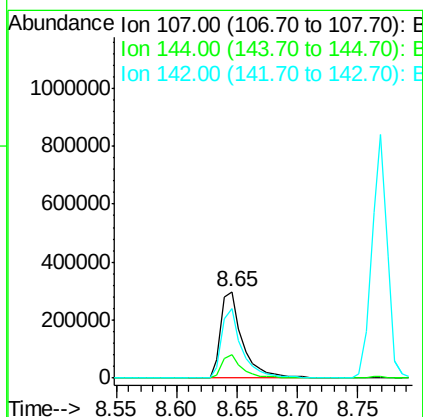
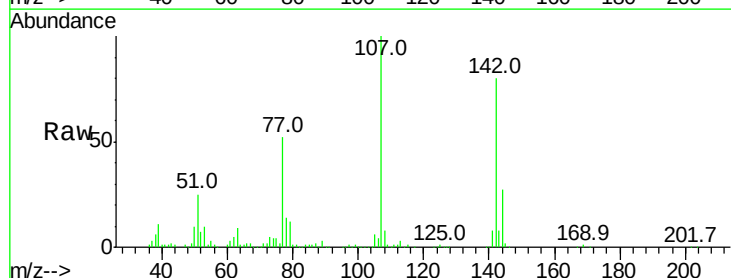
Instrument :
BNA_F
ClientSampleId :

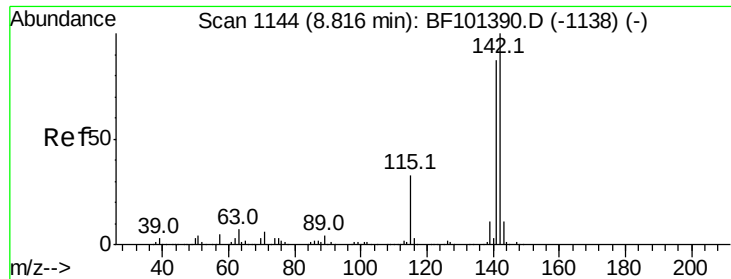
Tot Ion:113 Resp: 113322
Ion Ratio Lower Upper
113 100
55 198.5 163.3 203.3
56 146.5 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 37.128 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:107 Resp: 371938
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 80.3 62.0 93.0

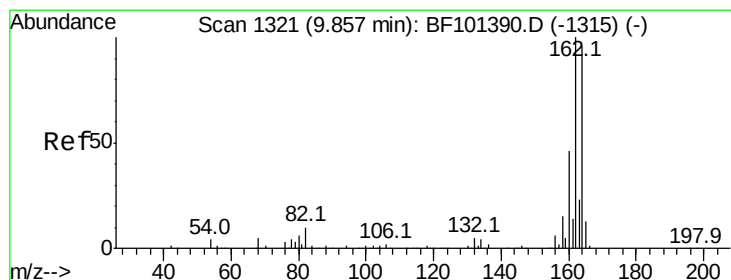
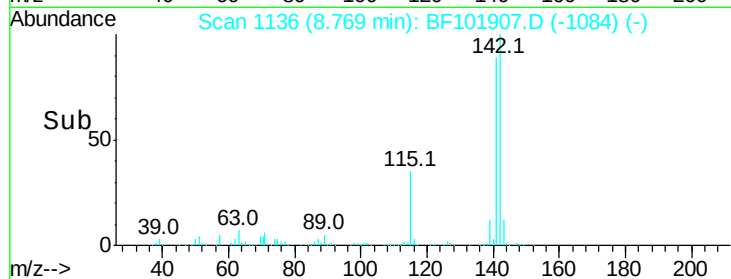
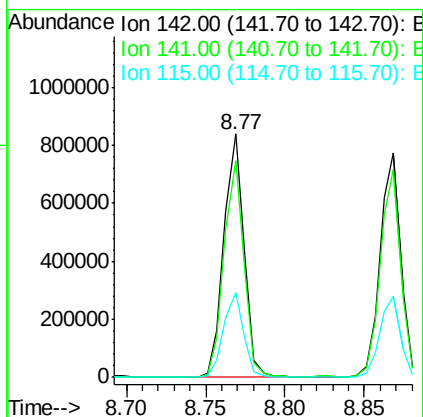
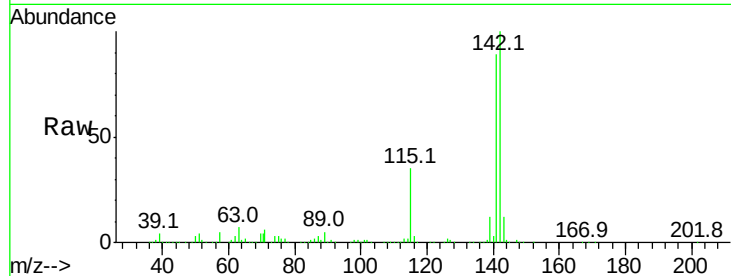




#37
 2-Methylnaphthalene
 Concen: 35.373 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

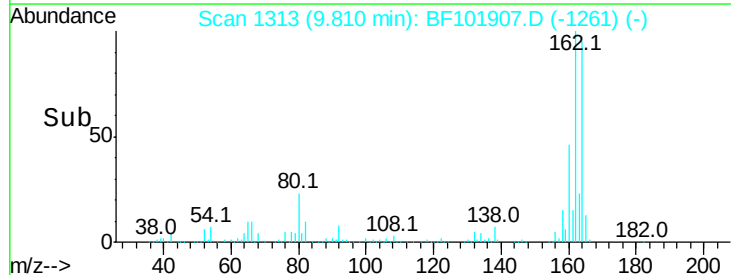
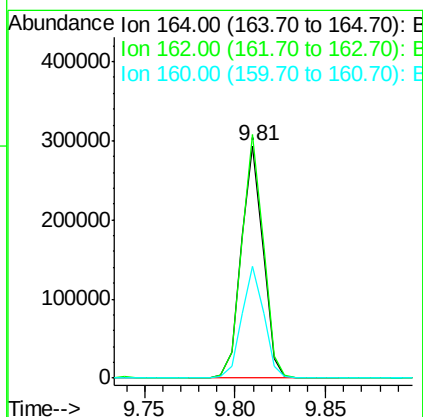
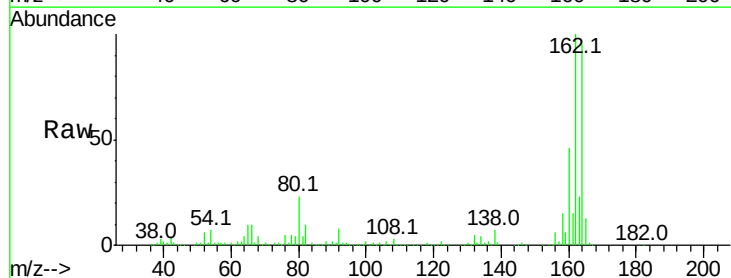
Instrument :
 BNA_F
 ClientSampleId :

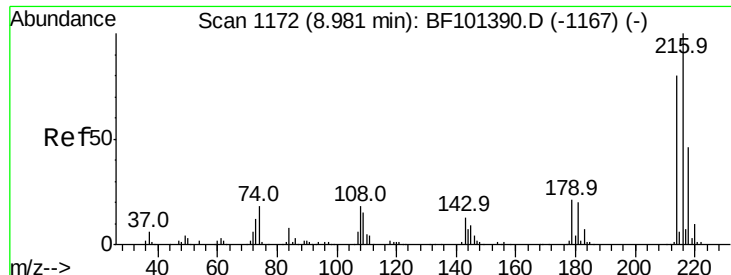
Tot Ion:142 Resp: 737619
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.8 106.2
 115 34.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:164 Resp: 245341
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 47.9 38.3 57.5

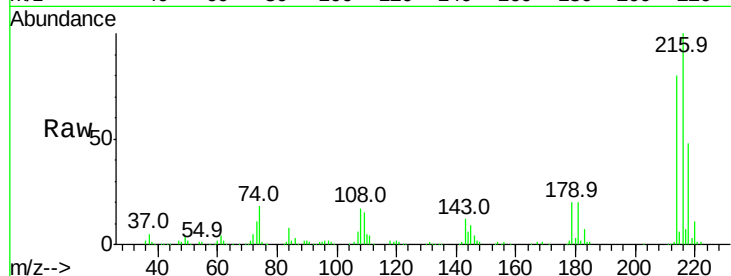




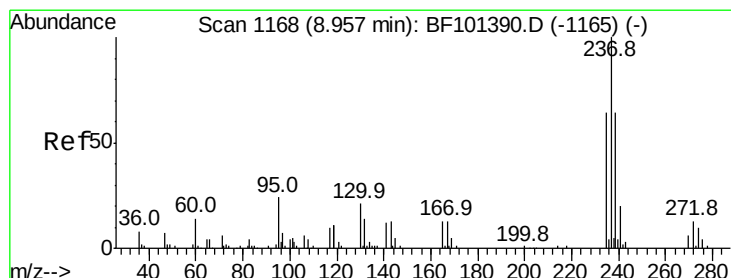
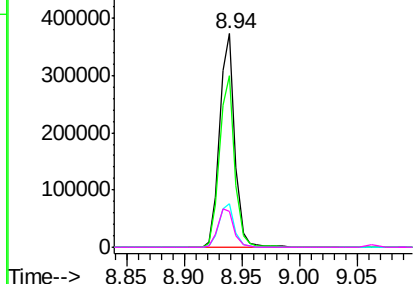
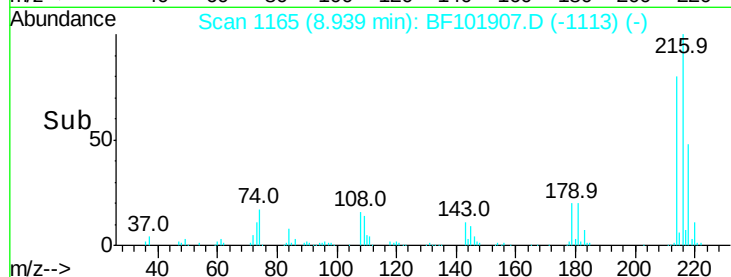
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.112 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	340544
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	20.8	18.1	27.1
108	19.2	17.2	25.8

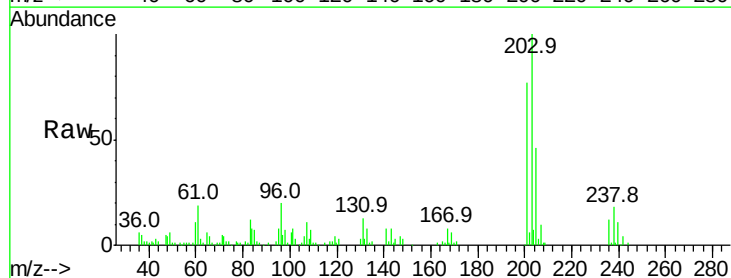


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

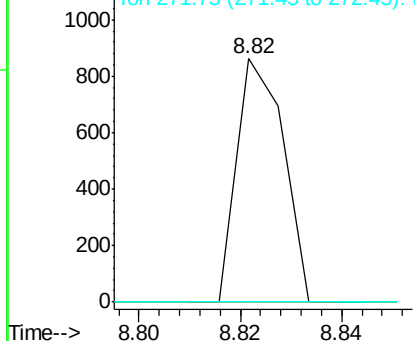
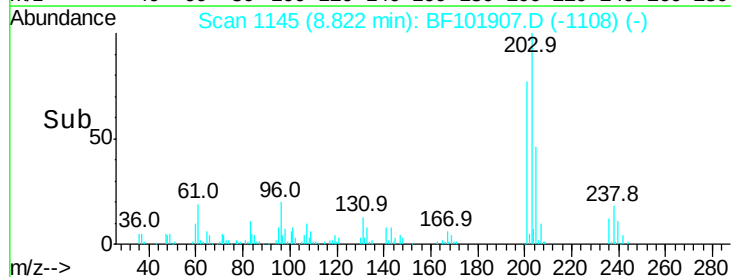


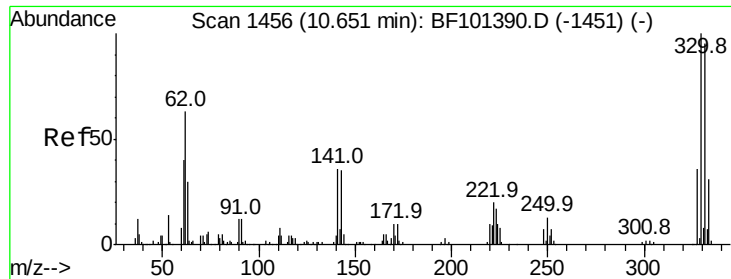
#40
 Hexachlorocyclopentadiene
 Concen: 11.761 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.08 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:	237	Resp:	550
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

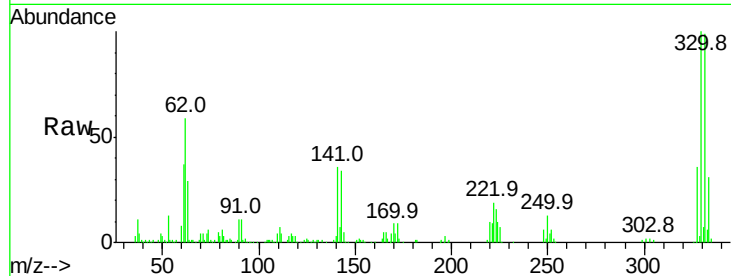




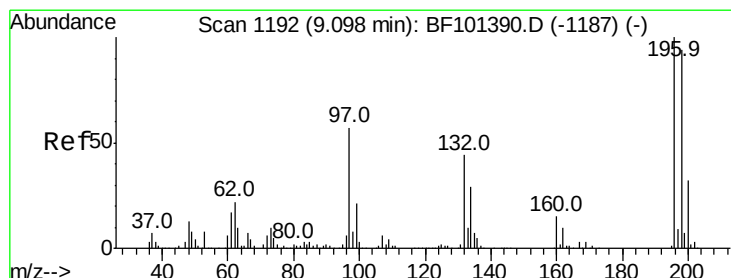
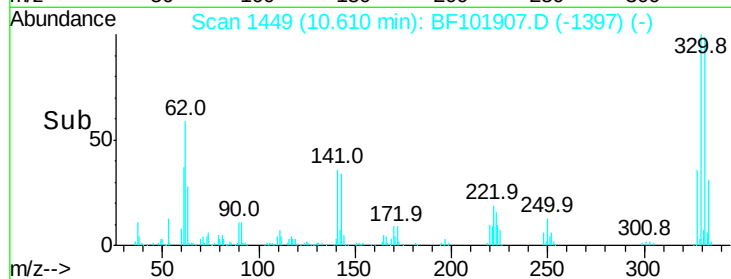
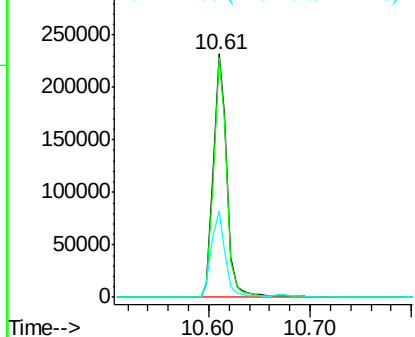
#41
 2,4,6-Tribromophenol
 Concen: 91.838 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 217109
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 36.4 29.9 44.9

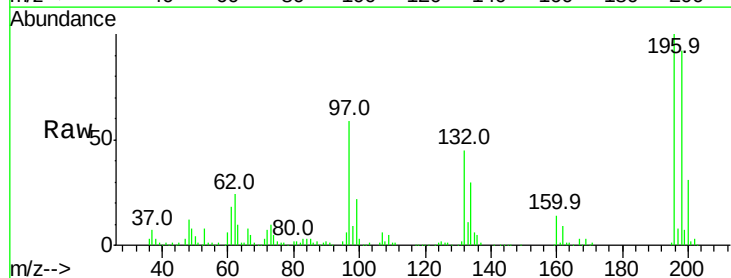


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

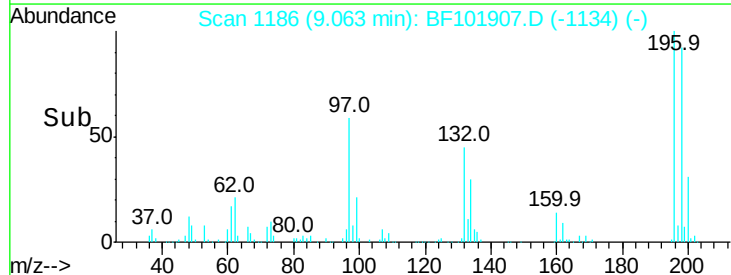
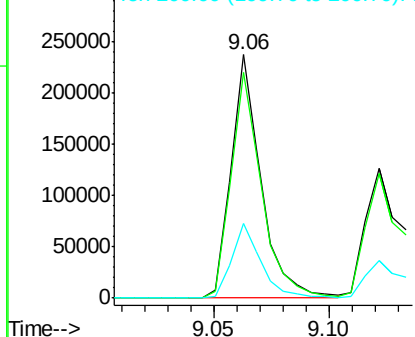


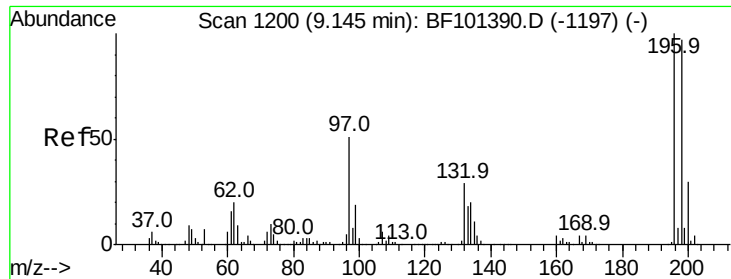
#42
 2,4,6-Trichlorophenol
 Concen: 42.793 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:196 Resp: 213398
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.7 113.5
 200 30.6 24.5 36.7



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

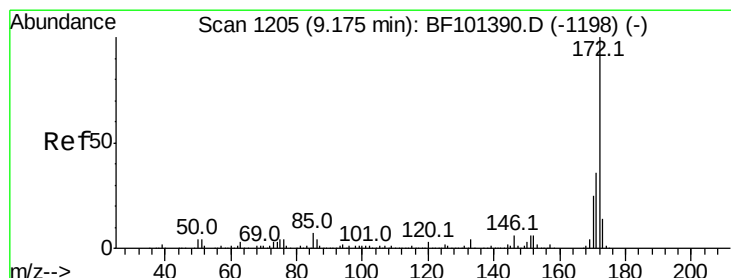
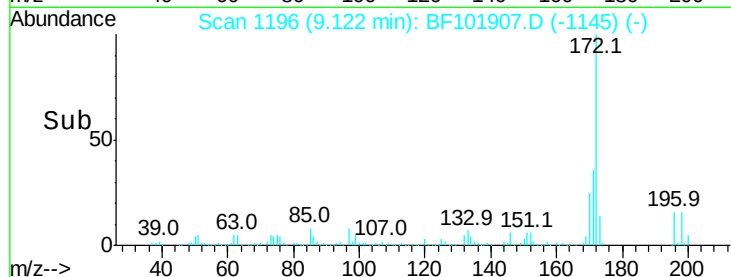
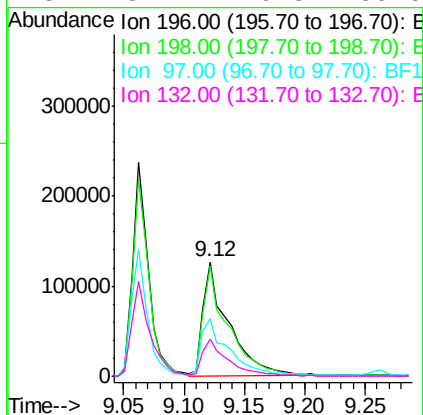
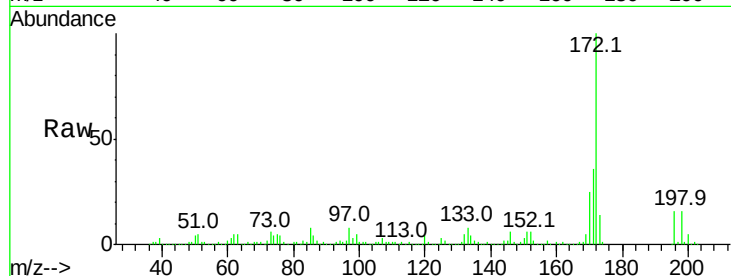




#43
 2,4,5-Trichlorophenol
 Concen: 34.198 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

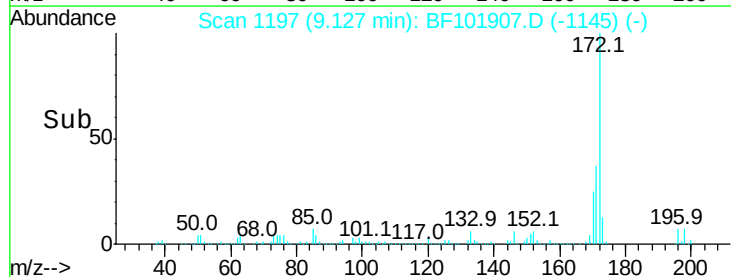
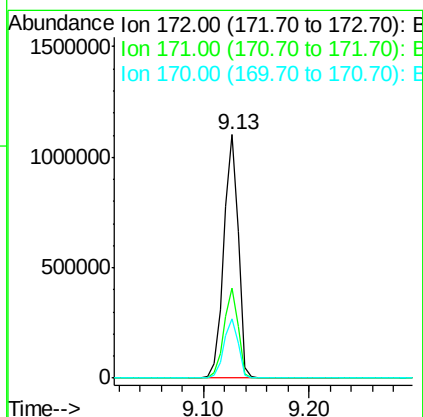
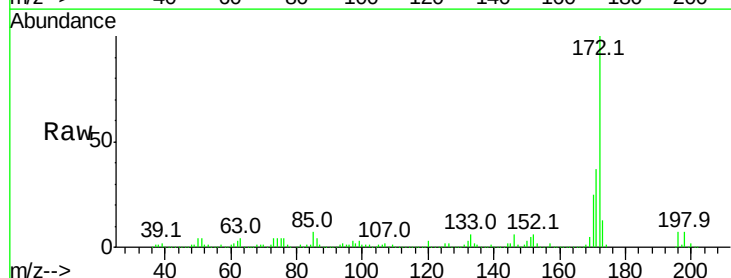
Instrument :
 BNA_F
 ClientSampleId :

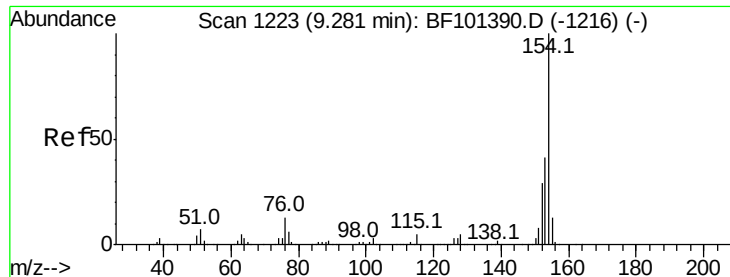
Tot Ion:	196	Resp:	186731
Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.6	112.0
97	50.0	42.9	64.3
132	32.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 66.788 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:	172	Resp:	1056312
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.119 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

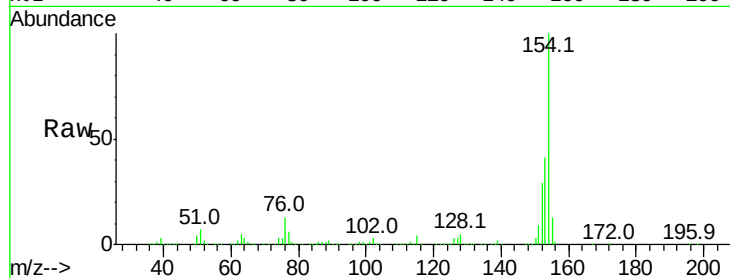
Tot Ion:154 Resp: 872911

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

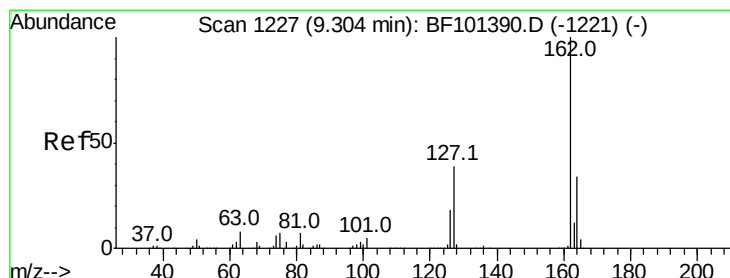
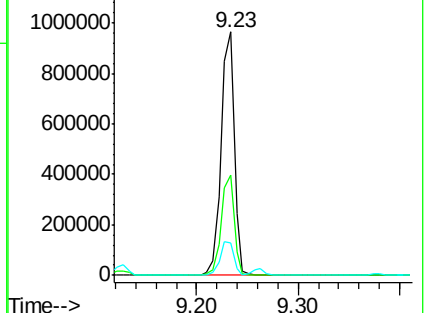
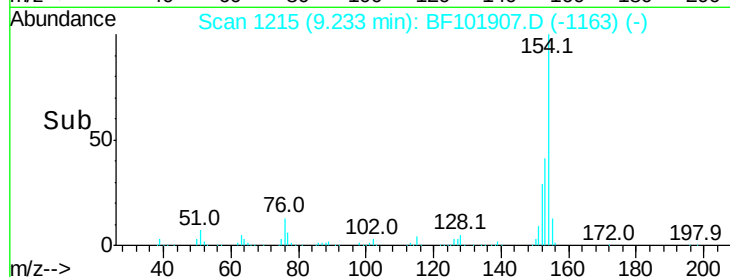
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.230 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

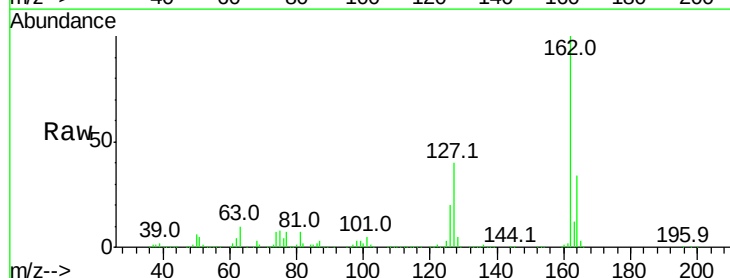
Tgt Ion:162 Resp: 636461

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

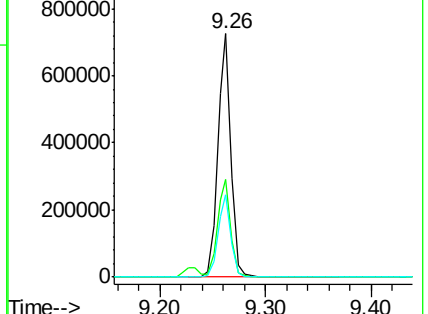
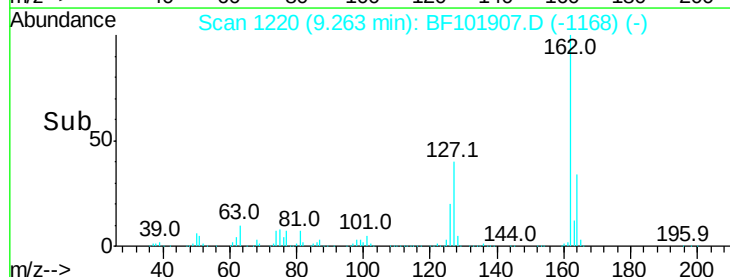
164 34.0 26.5 39.7

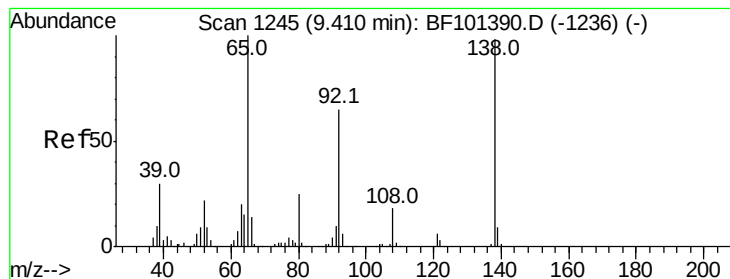


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.940 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

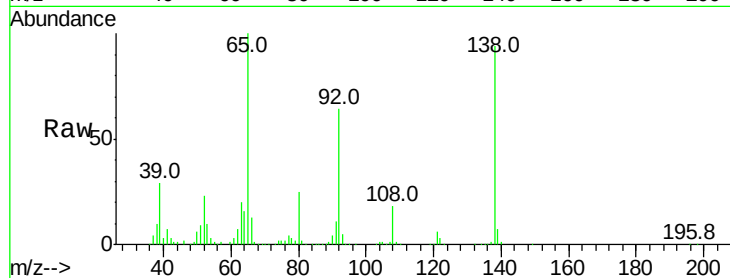
Tot Ion: 65 Resp: 252711

Ion Ratio Lower Upper

65 100

92 63.9 55.8 83.6

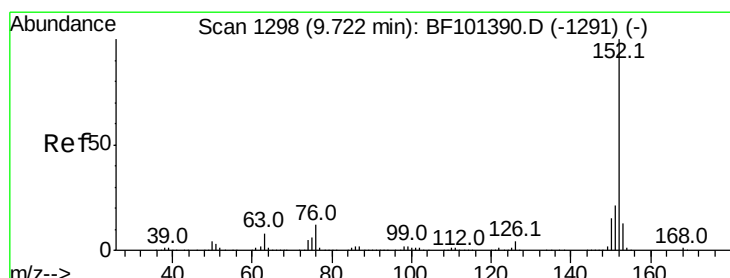
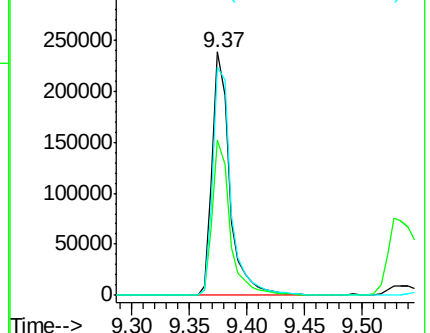
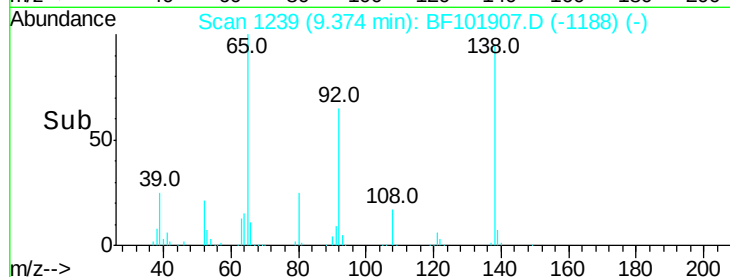
138 93.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 34.929 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

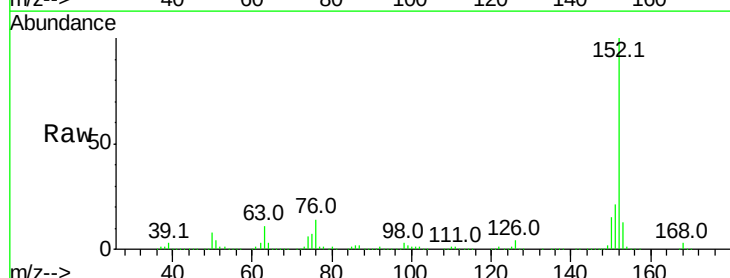
Tgt Ion: 152 Resp: 918482

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

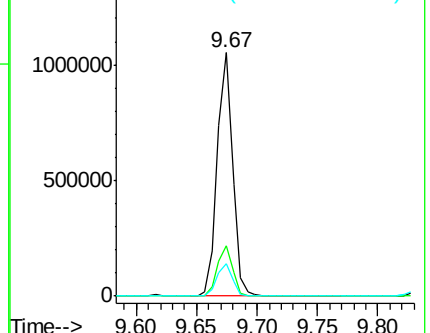
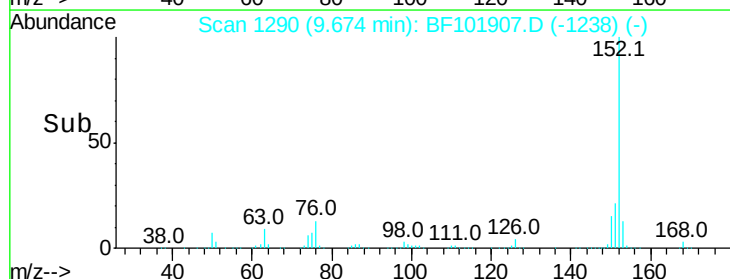
153 13.4 10.7 16.1

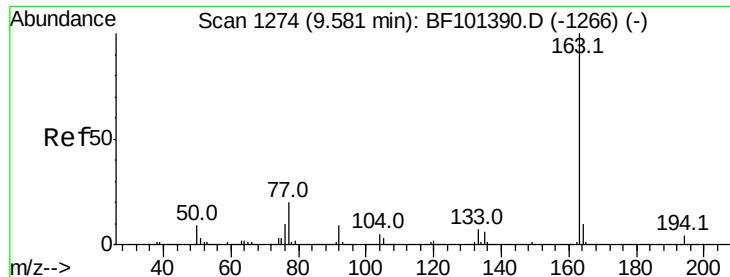


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 47.626 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

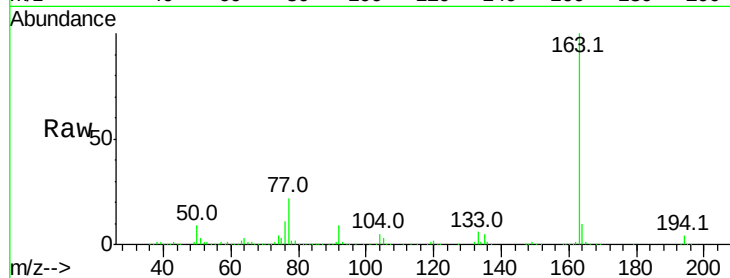
Tot Ion:163 Resp: 939857

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

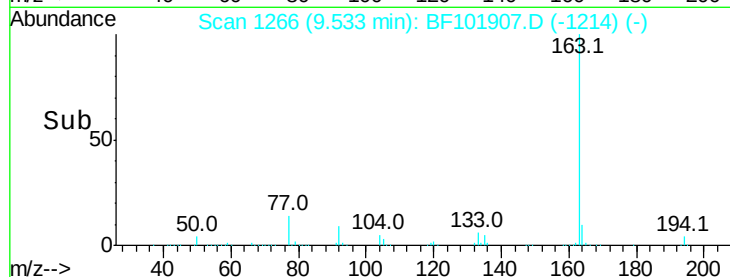
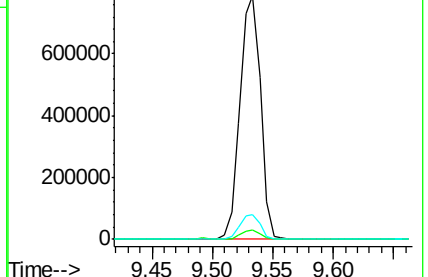
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.206 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

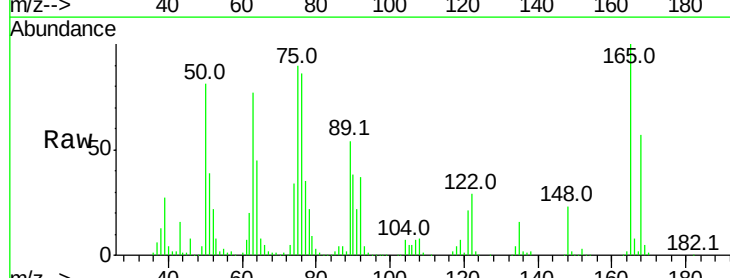
Tgt Ion:165 Resp: 149229

Ion Ratio Lower Upper

165 100

63 77.3 44.7 67.1#

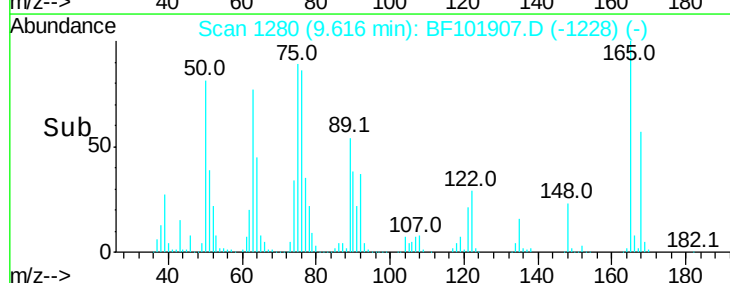
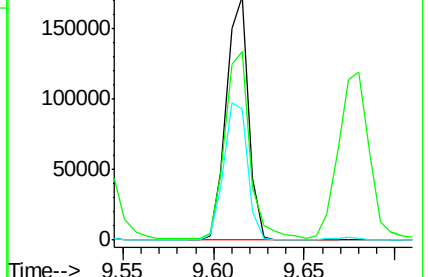
89 53.9 44.0 66.0

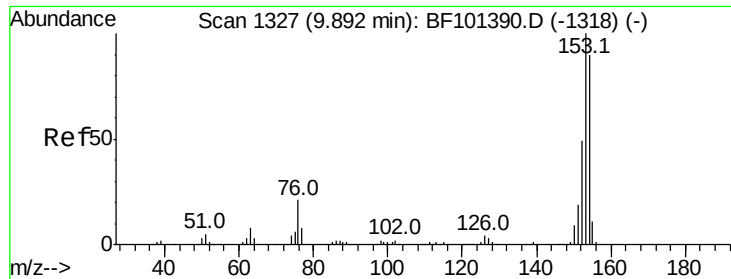


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.167 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

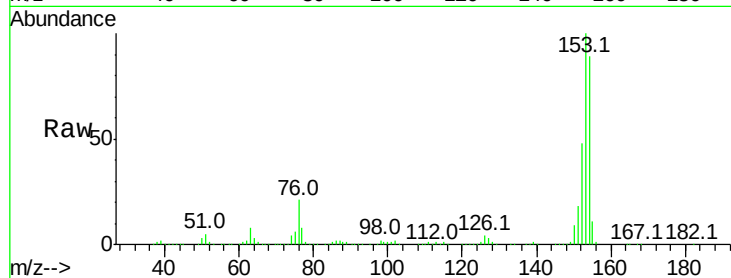
Tot Ion:154 Resp: 555585

Ion Ratio Lower Upper

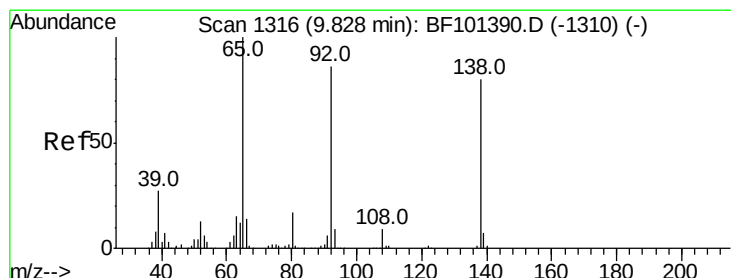
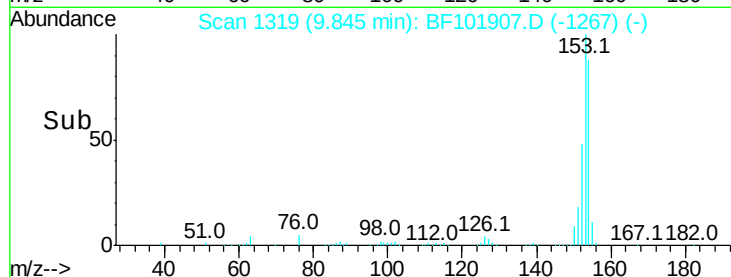
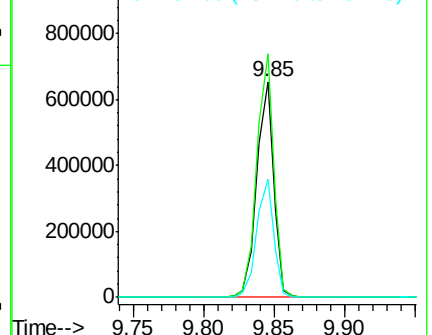
154 100

153 112.9 91.2 136.8

152 54.5 43.8 65.8



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



#52

3-Nitroaniline

Concen: 29.891 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

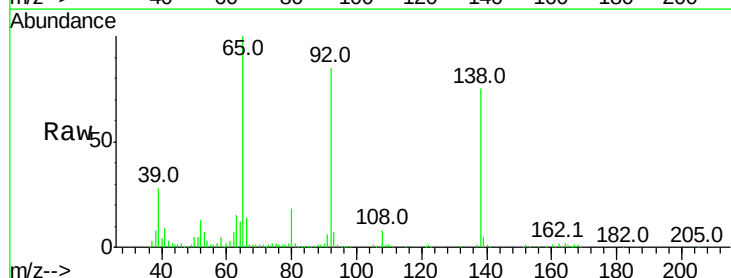
Tgt Ion:138 Resp: 149472

Ion Ratio Lower Upper

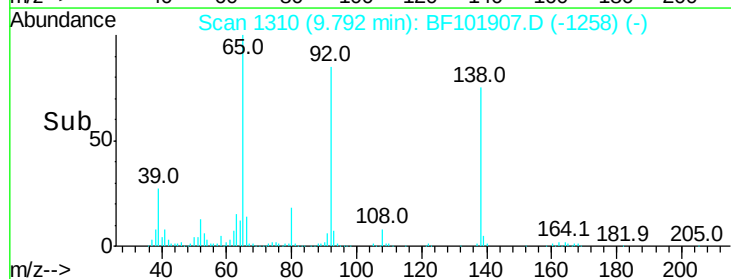
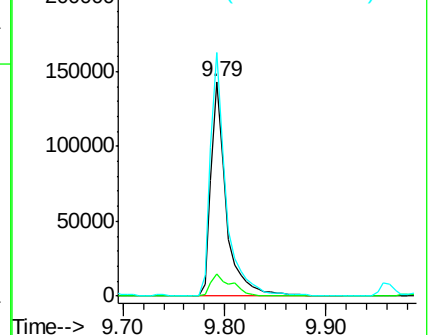
138 100

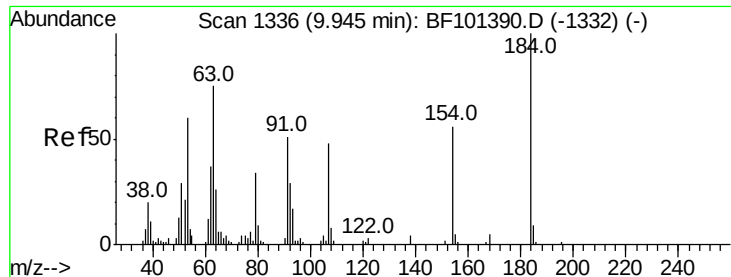
108 10.4 9.4 14.0

92 113.5 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

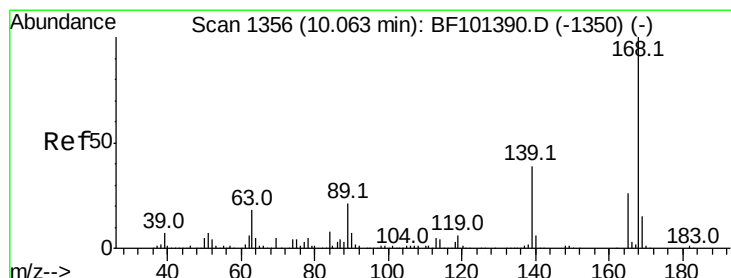
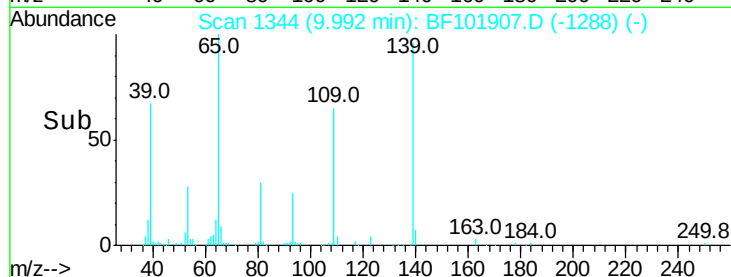
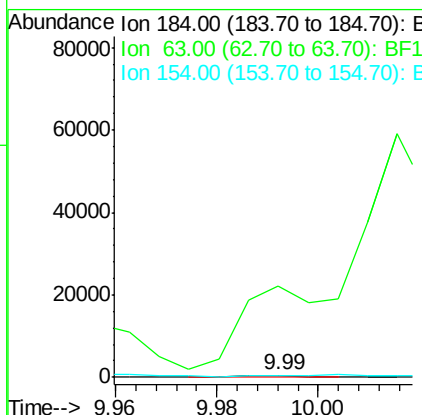
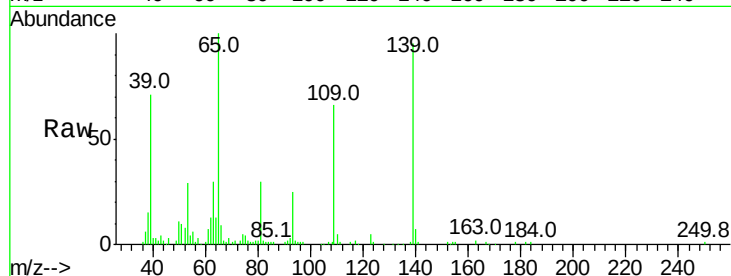




#53
 2,4-Dinitrophenol
 Concen: 10.481 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.03 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

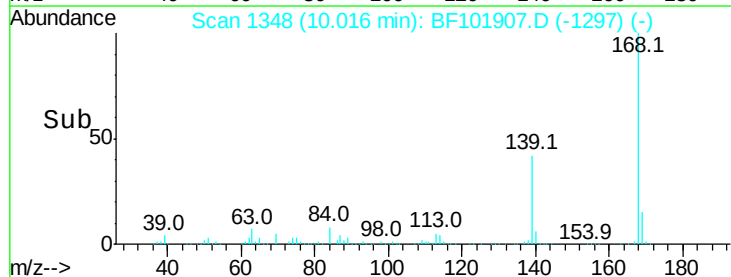
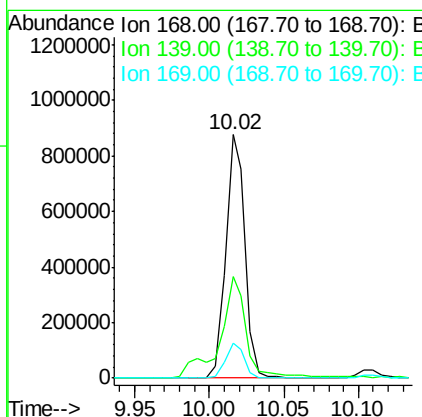
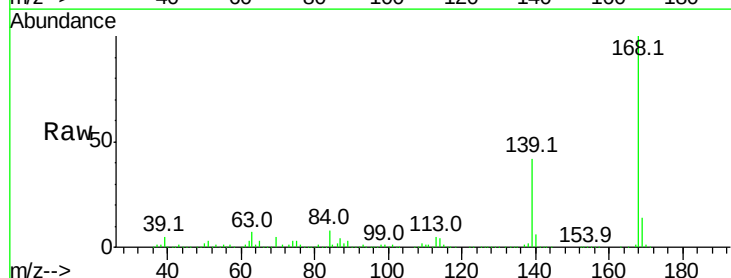
Instrument :
 BNA_F
 ClientSampleId :

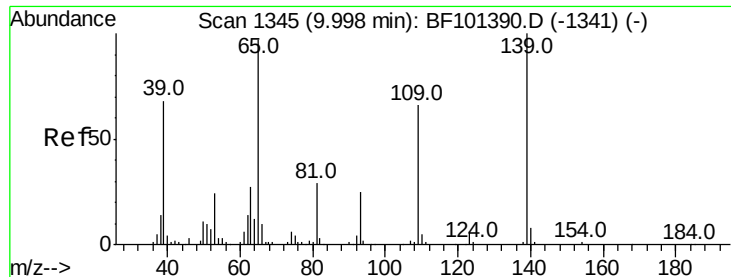
Tot Ion:184 Resp: 258
 Ion Ratio Lower Upper
 184 100
 63 5249.5 54.2 81.2#
 154 104.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 39.683 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:168 Resp: 796721
 Ion Ratio Lower Upper
 168 100
 139 41.9 30.1 45.1
 169 14.5 10.9 16.3

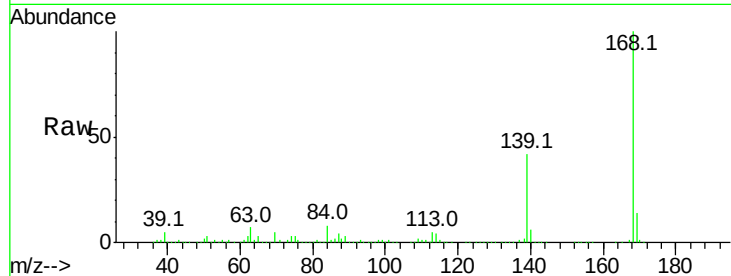




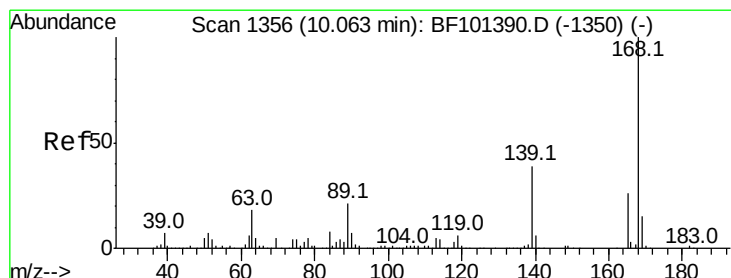
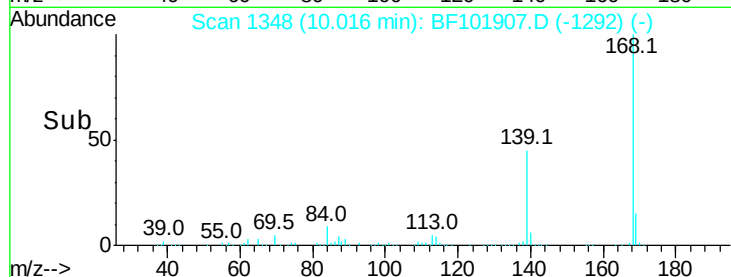
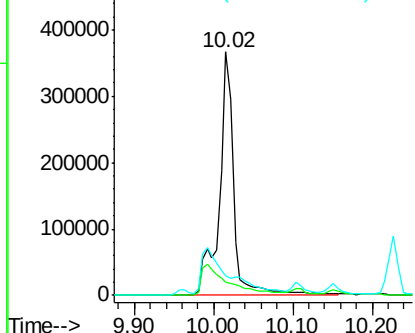
#55
4-Nitrophenol
Concen: 218.258 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.03 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 475902
Ion Ratio Lower Upper
139 100
109 5.3 48.4 88.4#
65 8.2 72.6 112.6#



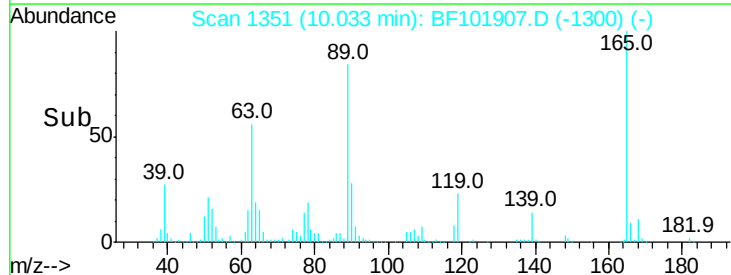
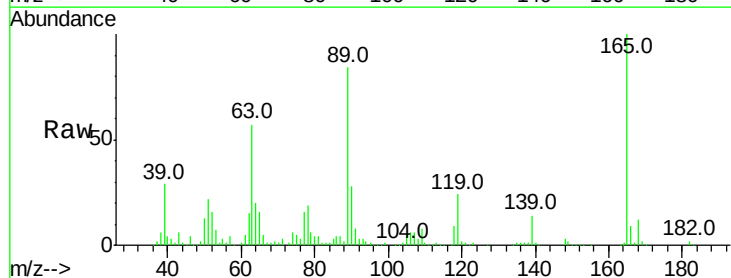
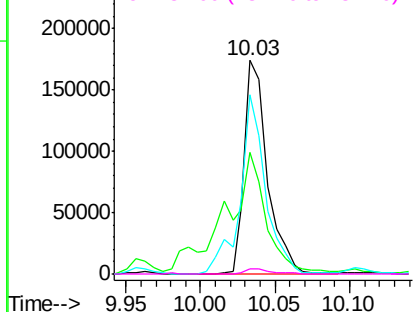
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

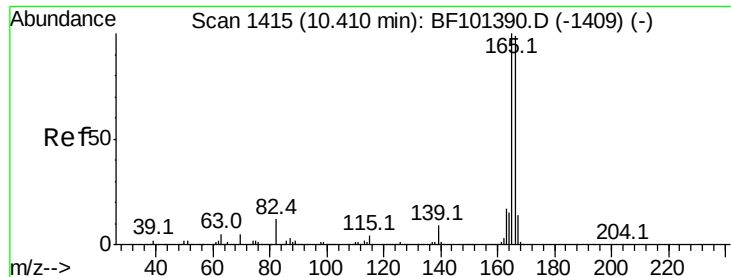


#56
2,4-Dinitrotoluene
Concen: 41.738 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:165 Resp: 188612
Ion Ratio Lower Upper
165 100
63 56.8 36.4 54.6#
89 83.8 57.8 86.6
182 2.3 1.6 2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

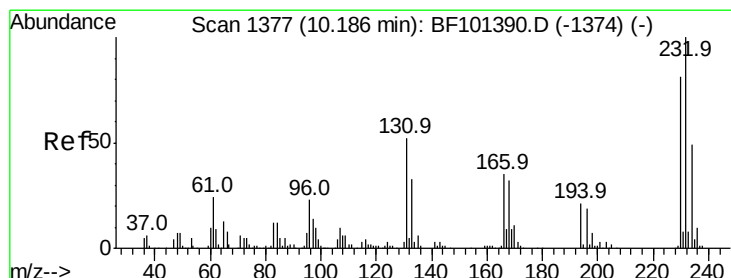
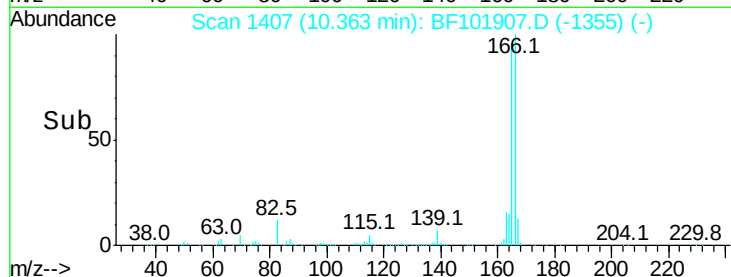
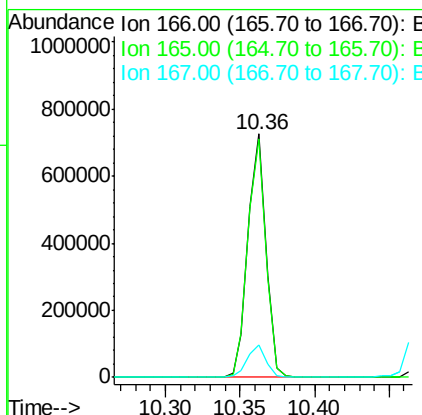
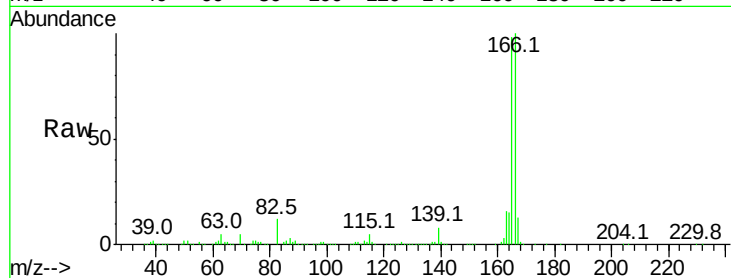




#57
 Fluorene
 Concen: 35.808 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

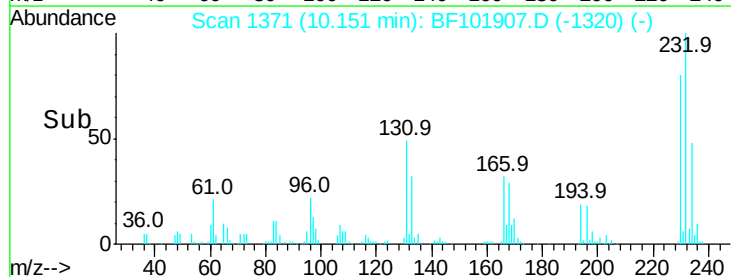
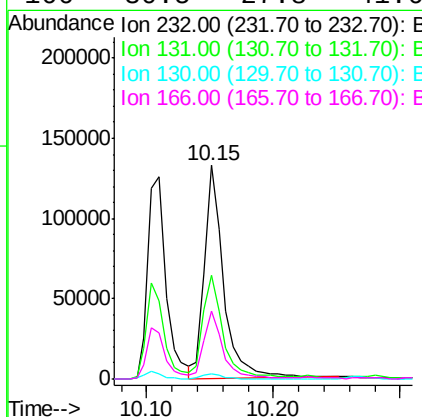
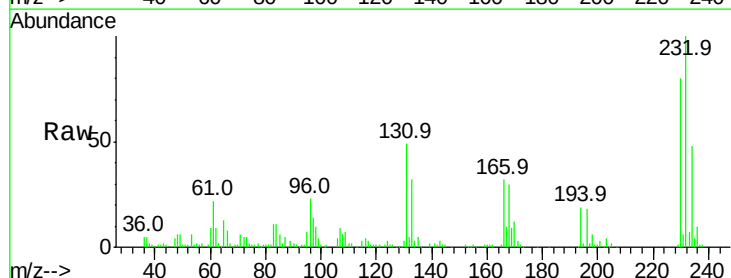
Instrument :
 BNA_F
 ClientSampleId :

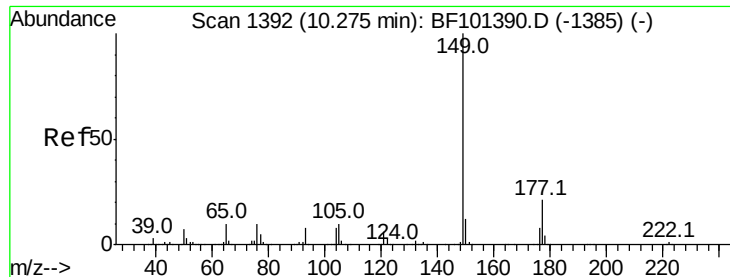
Tot Ion:166 Resp: 608172
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.702 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF101907.D
 Acq: 4 Jan 2018 22:36

Tgt Ion:232 Resp: 140056
 Ion Ratio Lower Upper
 232 100
 131 51.2 43.8 65.8
 130 2.6 2.1 3.1
 166 30.5 27.8 41.6

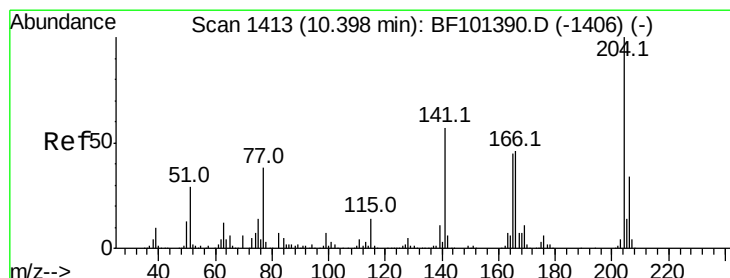
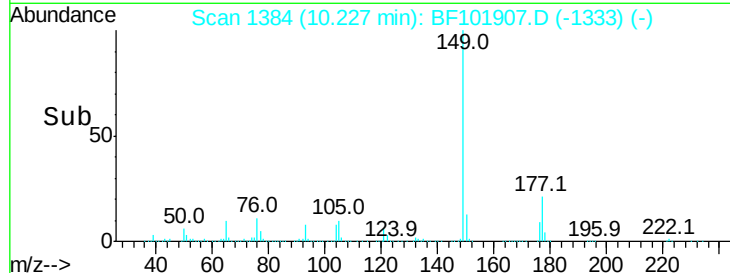
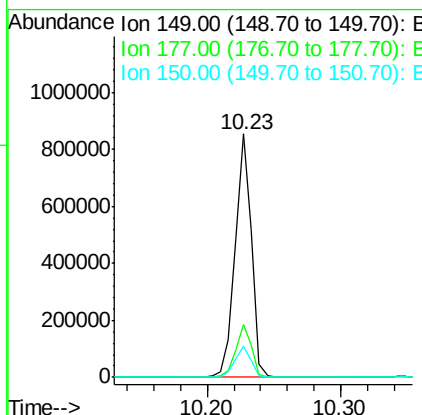
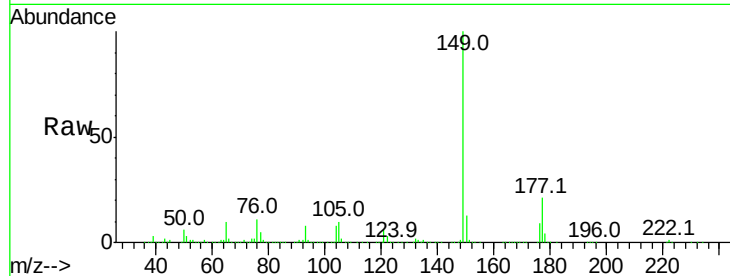




#59
Diethylphthalate
Concen: 37.518 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

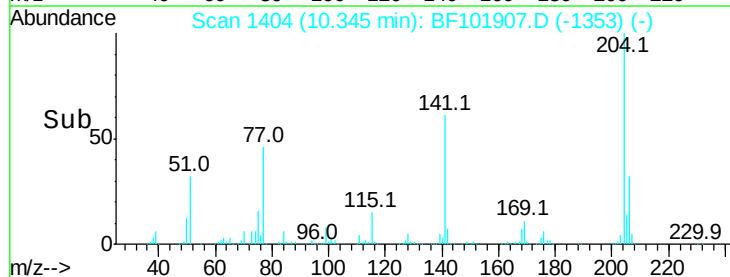
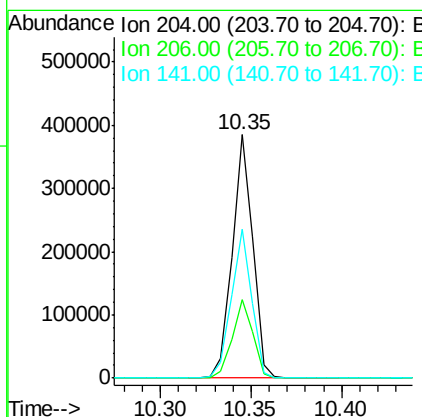
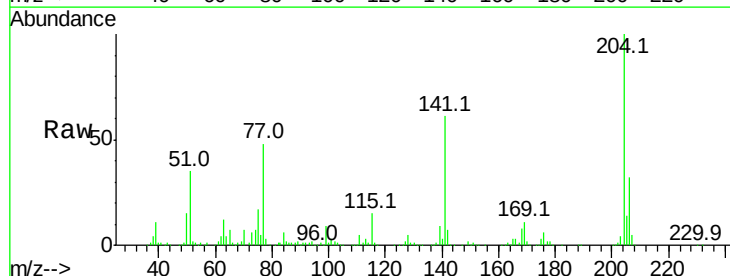
Instrument :
BNA_F
ClientSampled :

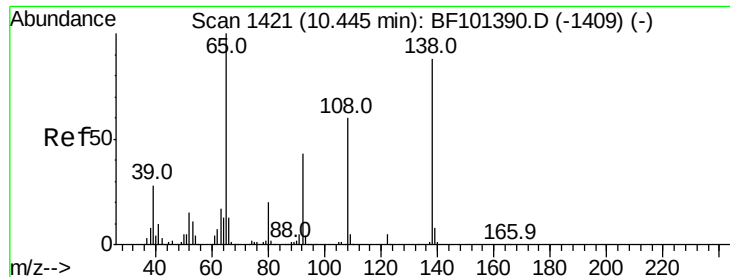
Tot Ion:149 Resp: 733193
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.240 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:204 Resp: 303129
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 61.4 54.6 81.8

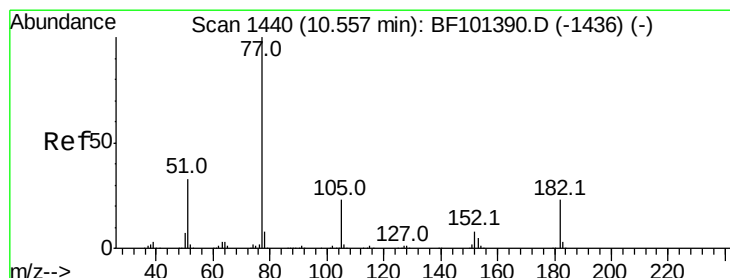
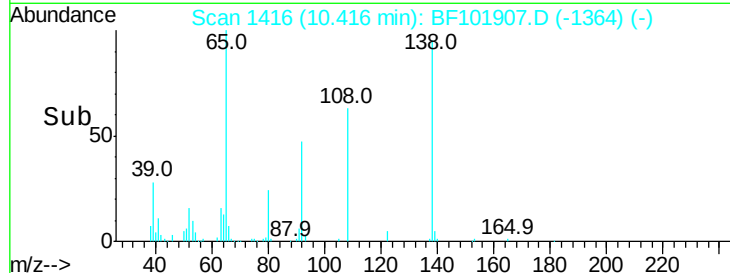
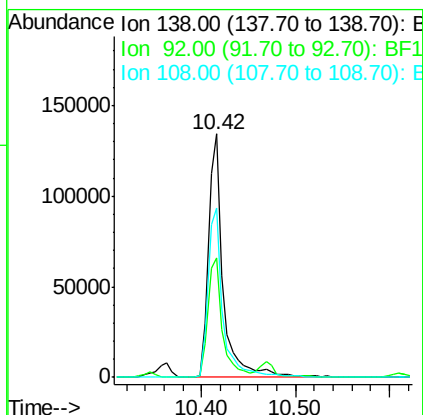
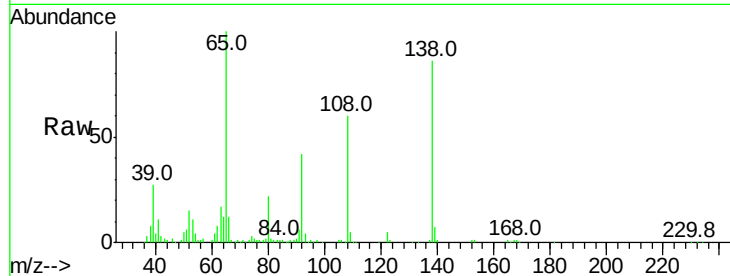




#61
4-Nitroaniline
Concen: 29.413 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

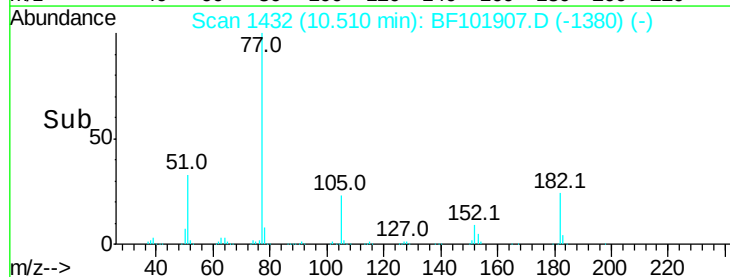
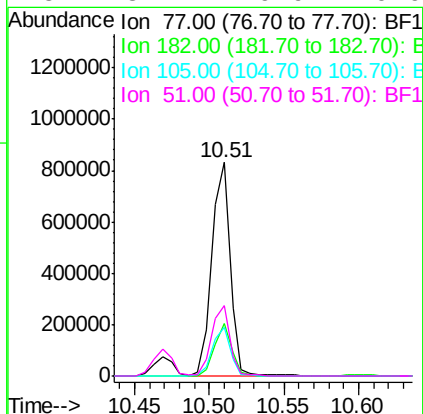
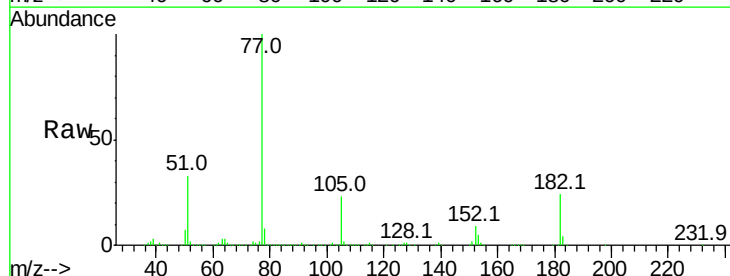
Instrument :
BNA_F
ClientSampled :

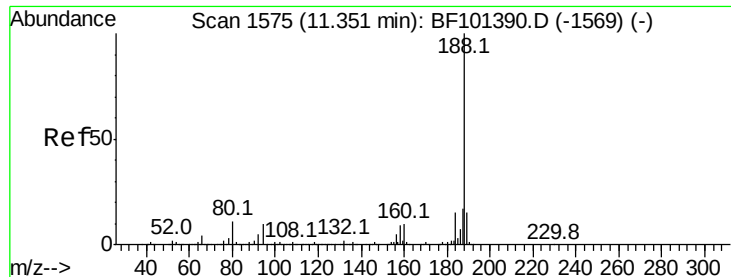
Tot Ion:138 Resp: 147837
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 69.6 52.5 92.5



#62
Azobenzene
Concen: 34.940 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion: 77 Resp: 707338
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 22.9 3.0 43.0
51 32.7 9.9 49.9

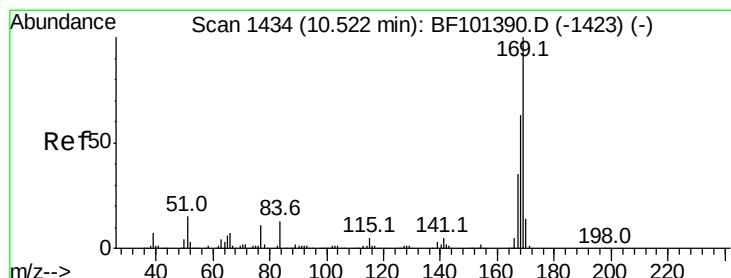
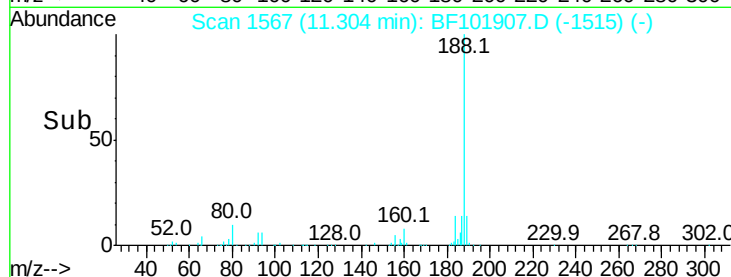
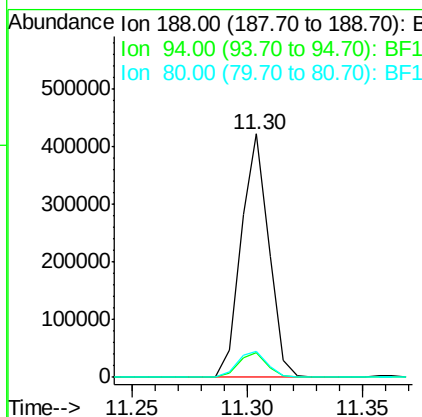
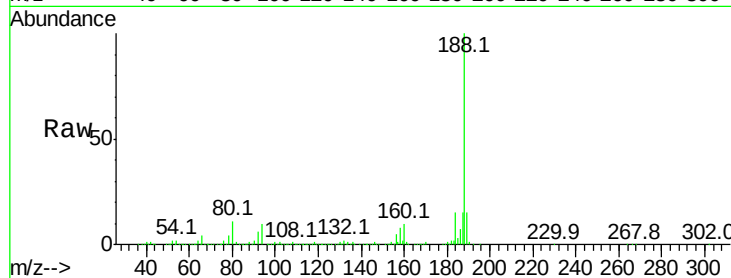




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

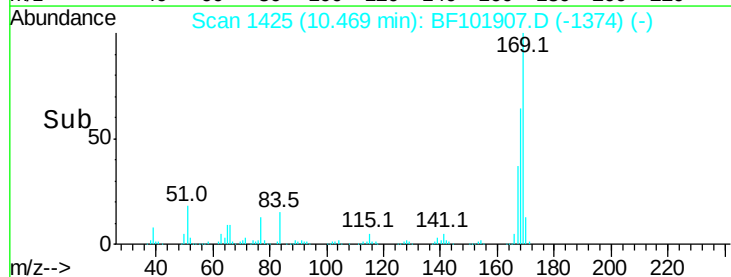
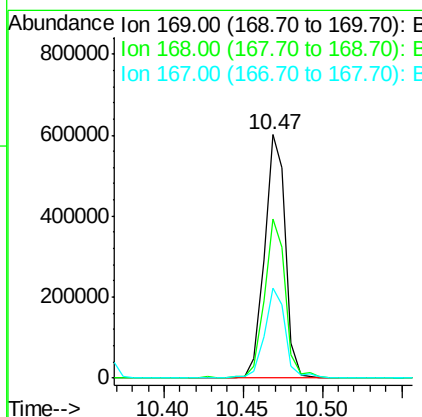
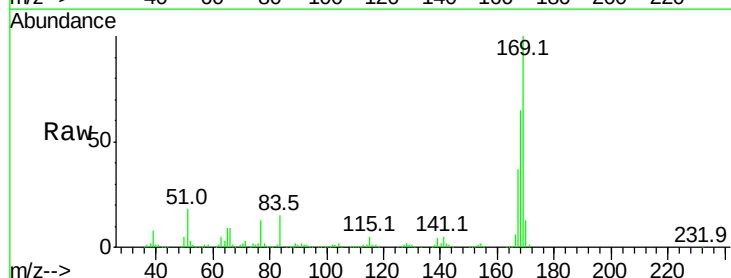
Instrument :
BNA_F
ClientSampleId :

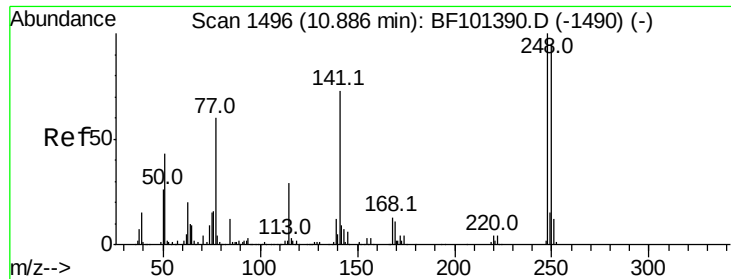
Tot Ion:188 Resp: 353812
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.9 9.2 13.8



#65
n-Nitrosodiphenylamine
Concen: 42.268 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:169 Resp: 552206
Ion Ratio Lower Upper
169 100
168 65.3 54.4 81.6
167 36.9 29.8 44.6

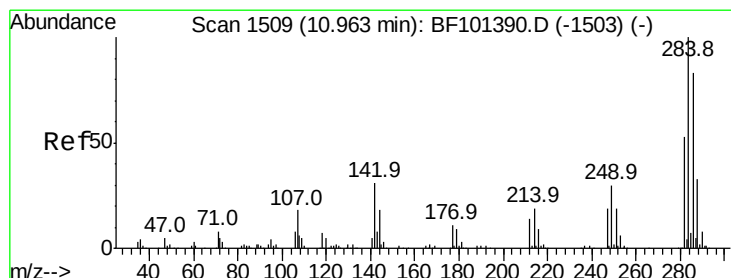
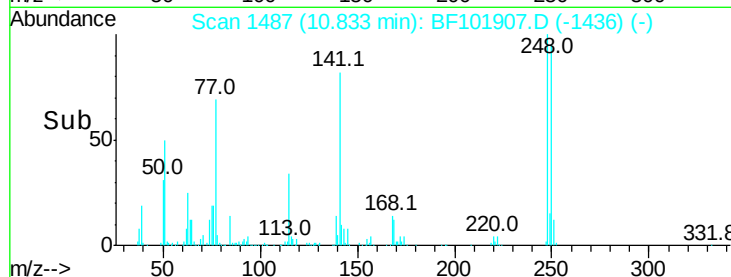
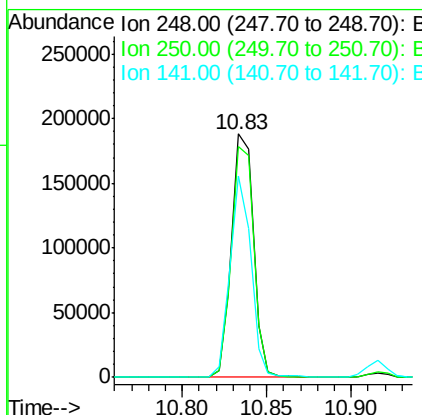
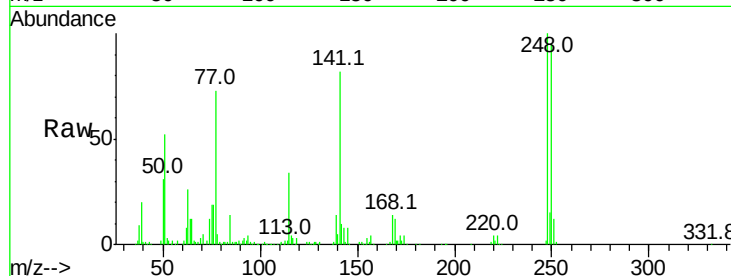




#66
4-Bromophenyl-phenylether
Concen: 42.976 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

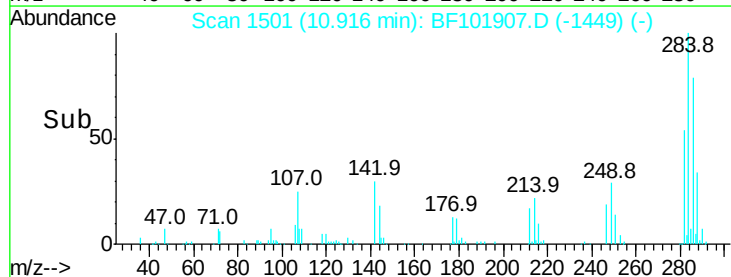
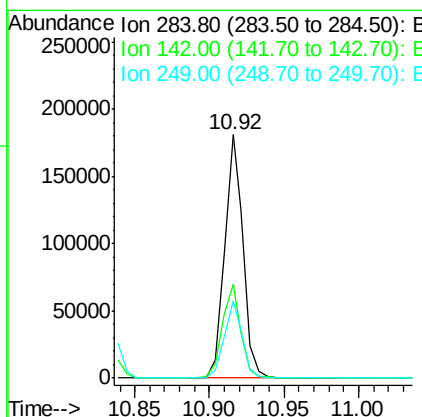
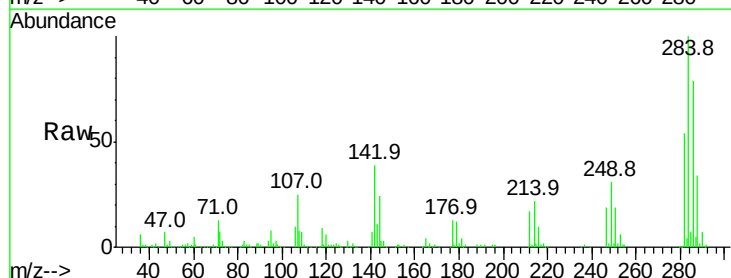
Instrument :
BNA_F
ClientSampled :

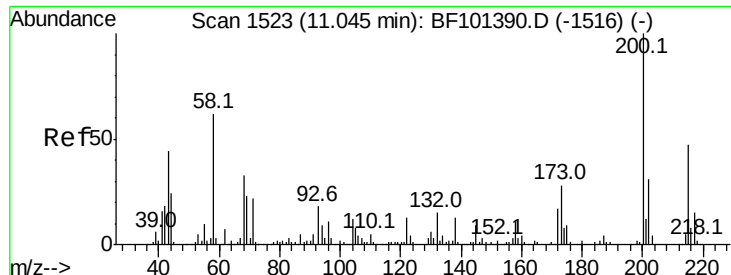
Tot Ion:248 Resp: 170853
Ion Ratio Lower Upper
248 100
250 94.6 76.9 115.3
141 82.5 74.4 111.6



#67
Hexachlorobenzene
Concen: 37.489 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:284 Resp: 157738
Ion Ratio Lower Upper
284 100
142 38.6 34.6 52.0
249 31.5 24.8 37.2

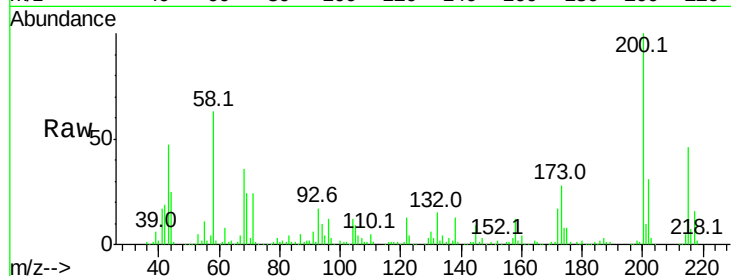




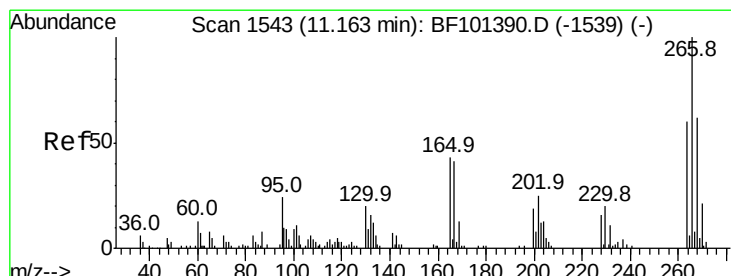
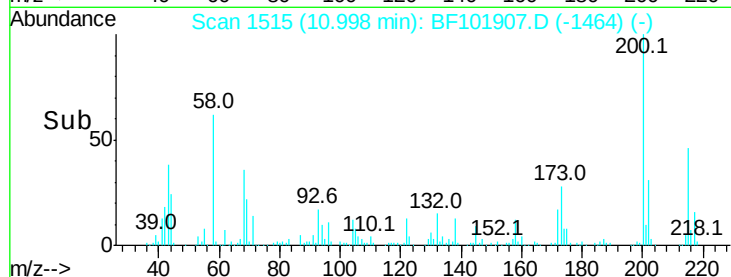
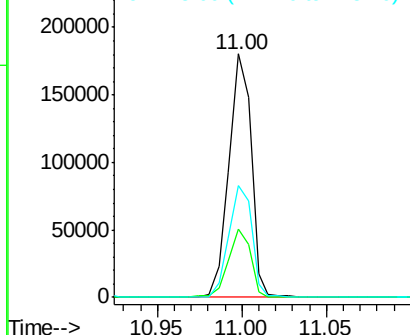
#68
Atrazine
Concen: 42.501 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.6	48.6
215	46.1	25.1	65.1

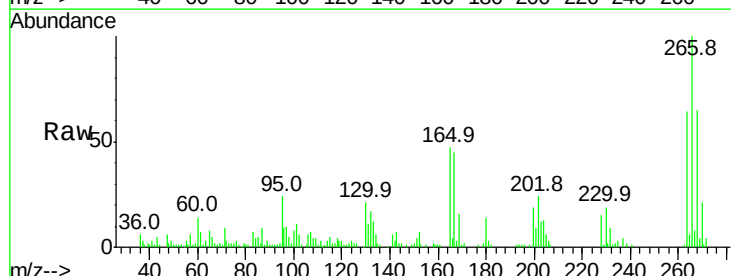


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

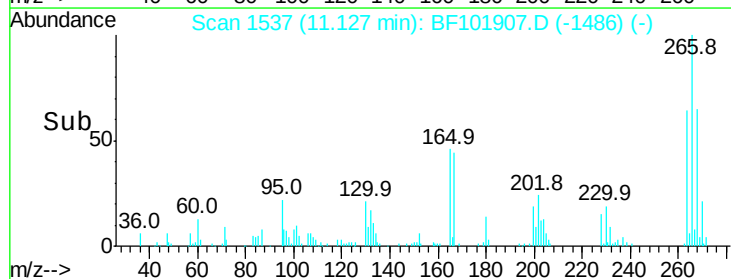
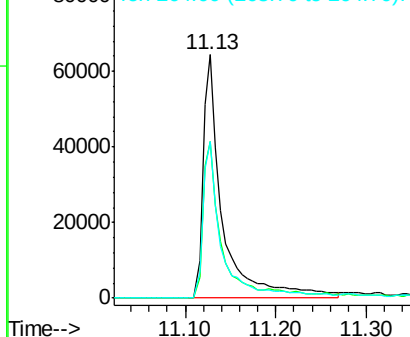


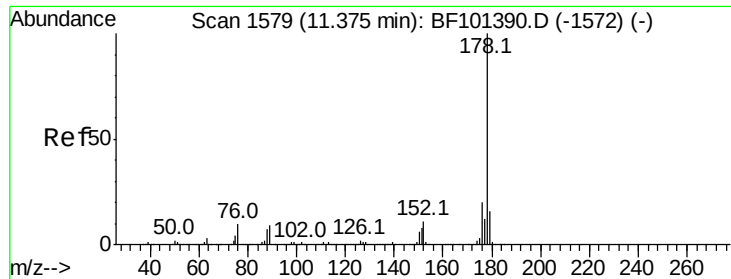
#69
Pentachlorophenol
Concen: 61.251 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.1	76.7
264	64.2	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

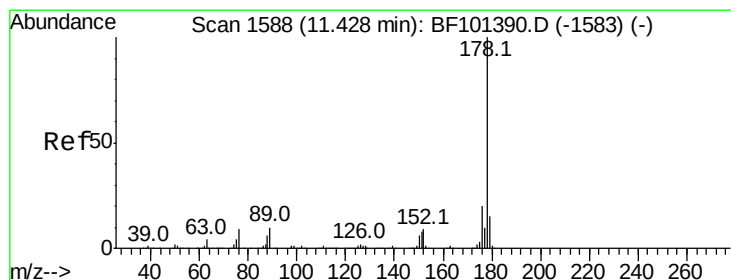
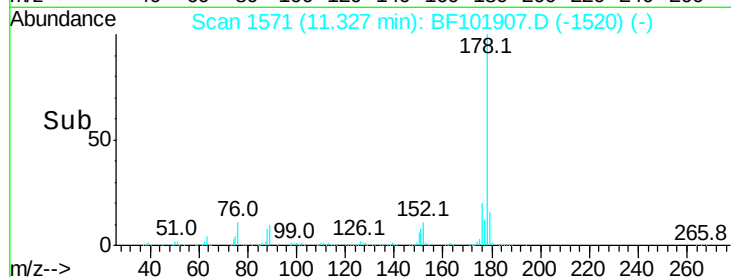
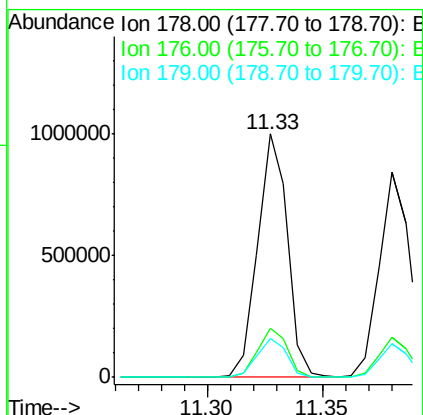
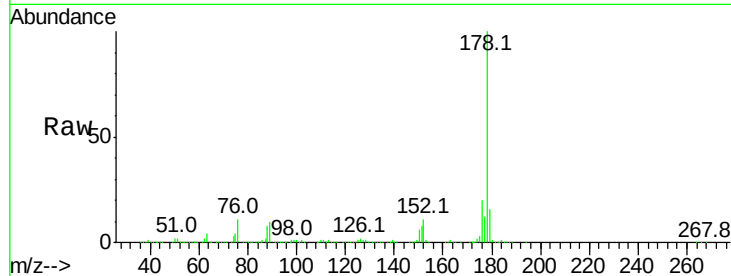




#70
Phenanthrene
Concen: 45.742 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

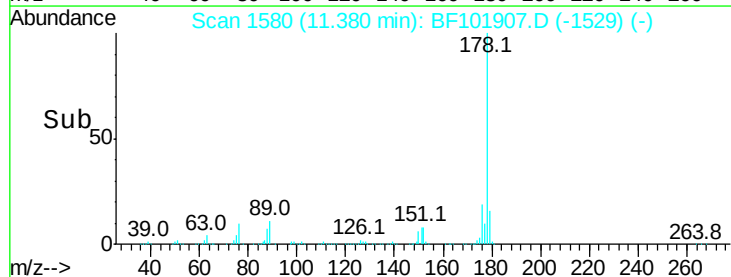
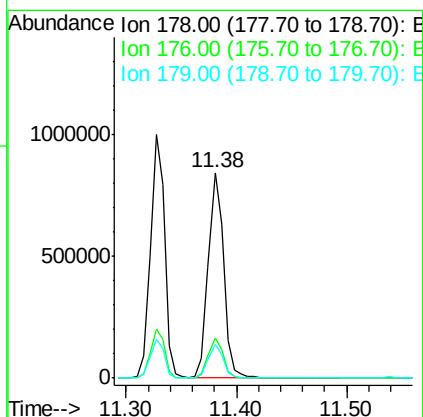
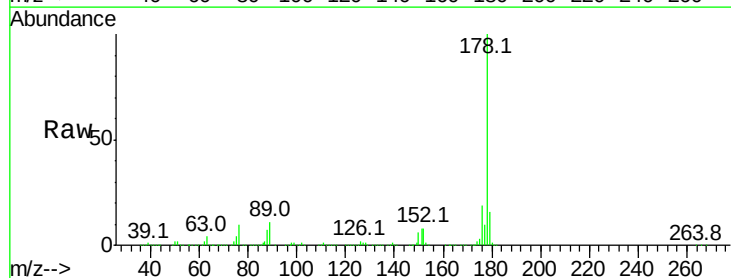
Instrument :
BNA_F
ClientSampleId :

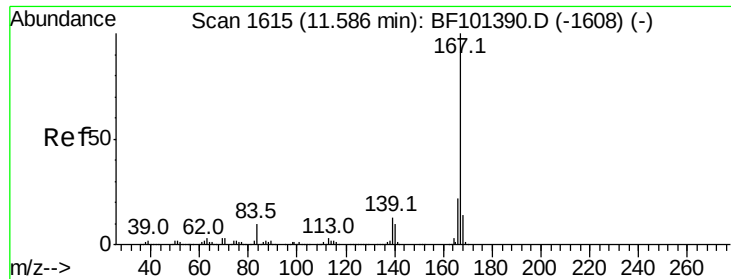
Tot Ion:178 Resp: 900024
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 39.464 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:178 Resp: 793172
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.3 12.6 19.0





#72

Carbazole

Concen: 35.319 ng

RT: 11.54 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

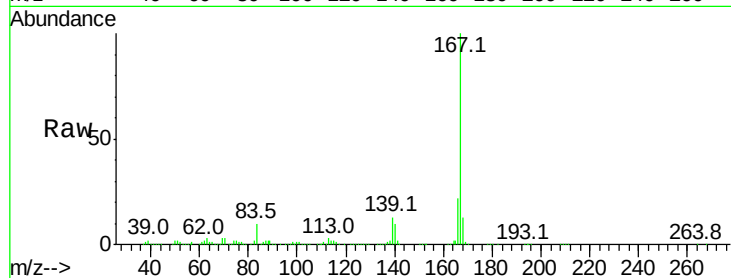
Tot Ion:167 Resp: 664615

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

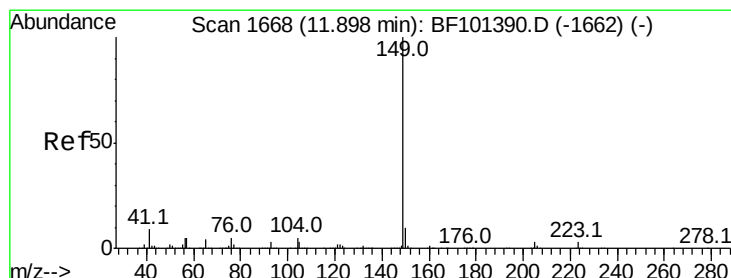
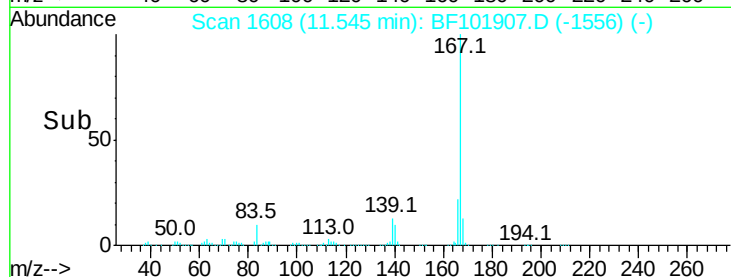
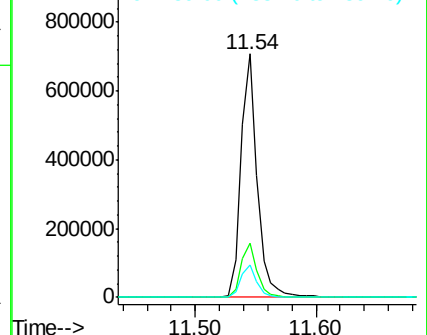
139 13.3 10.9 16.3



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: 42.021 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

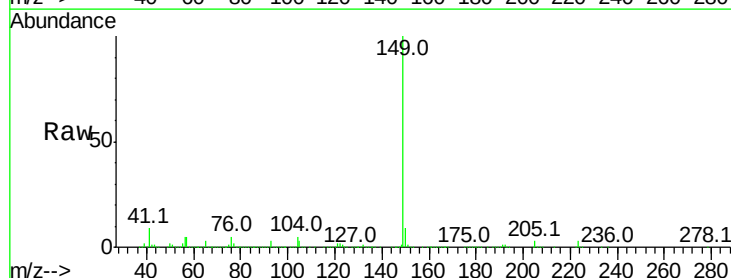
Tgt Ion:149 Resp: 959720

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

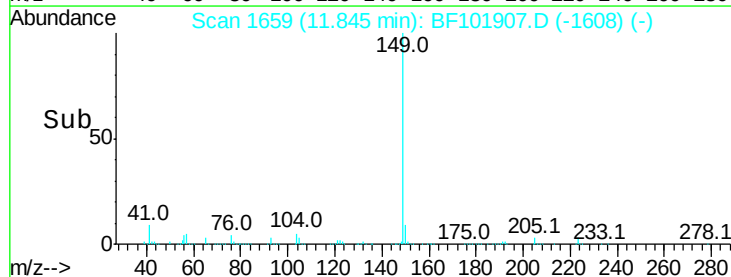
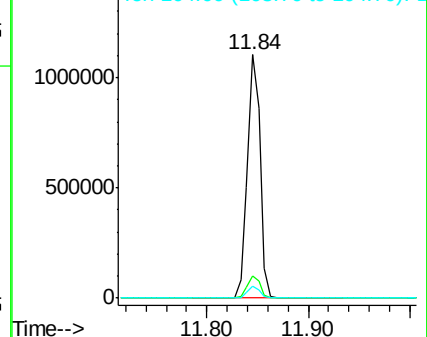
104 5.1 3.8 5.8

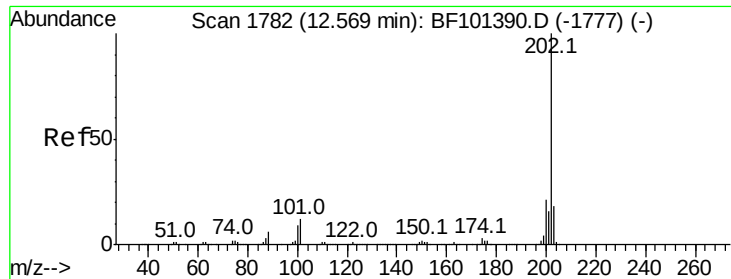


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.625 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

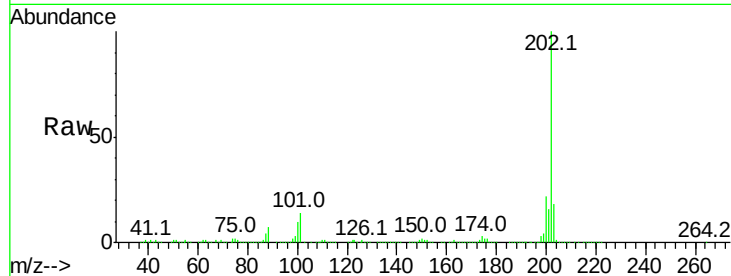
Tot Ion:202 Resp: 962942

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

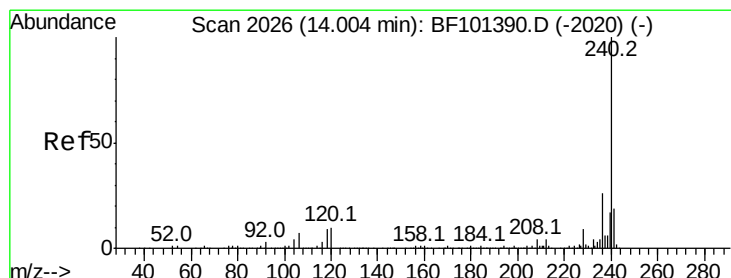
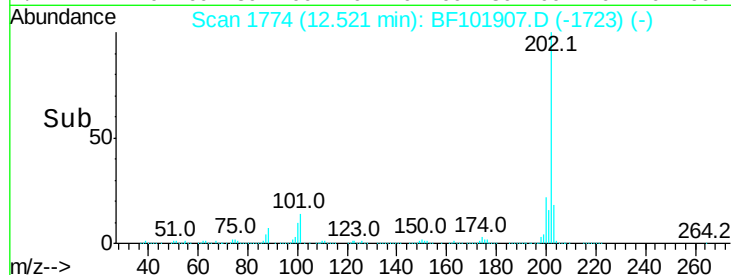
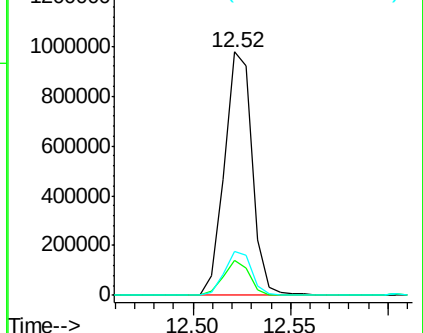
203 18.0 0.0 38.1



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: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

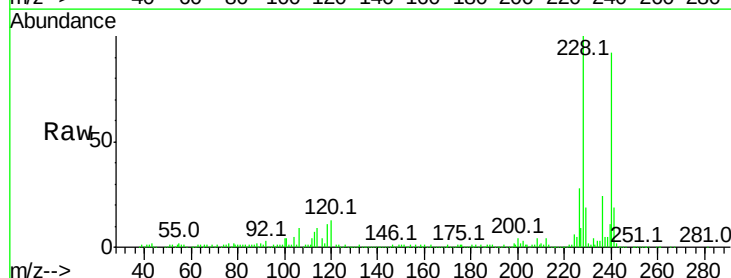
Tgt Ion:240 Resp: 267912

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

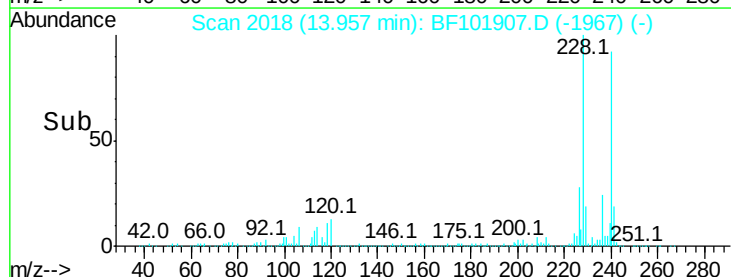
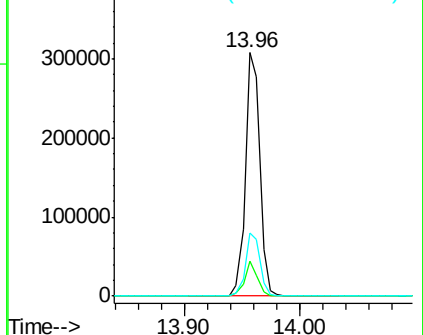
236 26.1 20.7 31.1

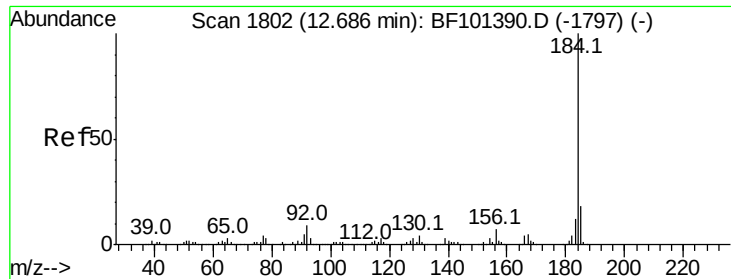


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 24.552 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

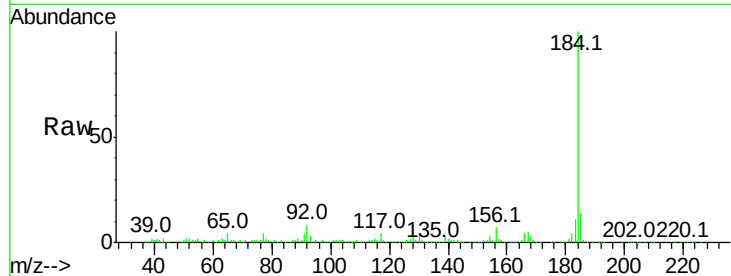
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 277817

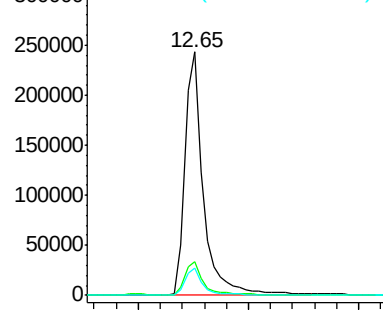
Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	11.3	9.3	13.9



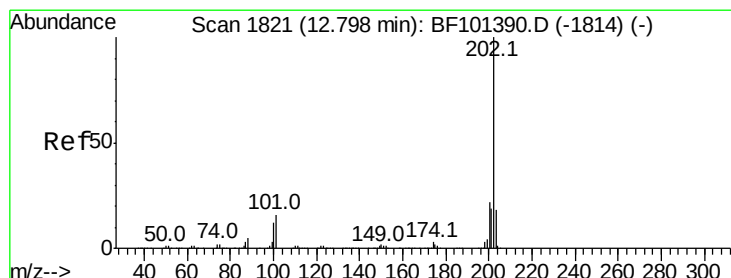
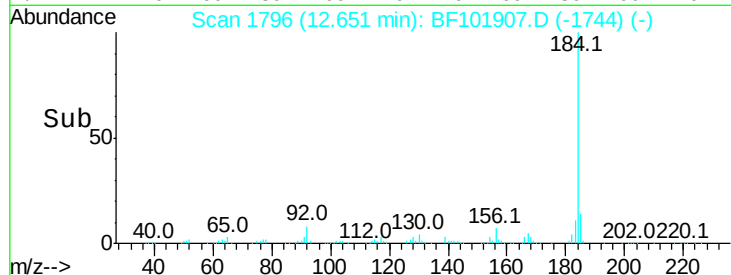
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 47.918 ng

RT: 12.76 min Scan# 1814

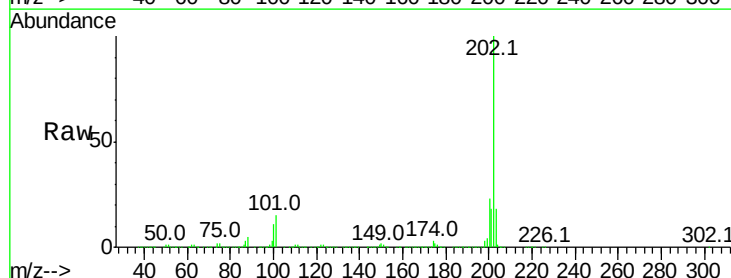
Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Tgt Ion:202 Resp: 963474

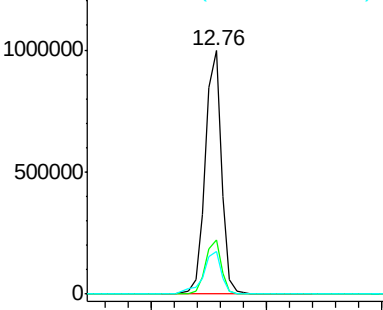
Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	17.7	14.3	21.5



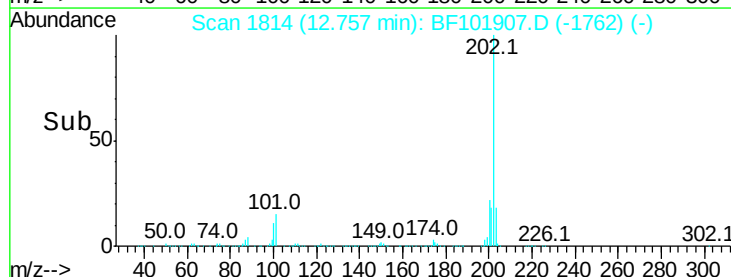
Abundance Ion 202.00 (201.70 to 202.70): E

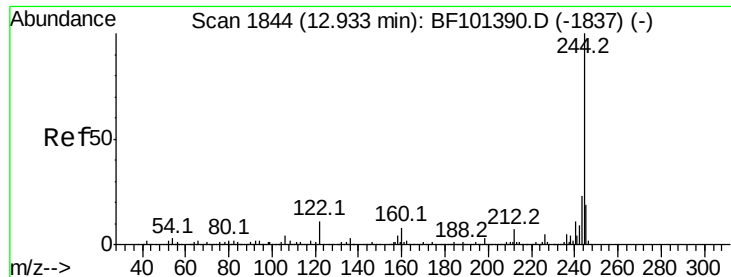
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.049 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampled :

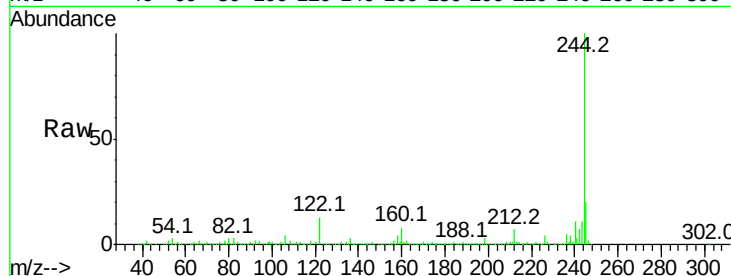
Tot Ion:244 Resp: 867365

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

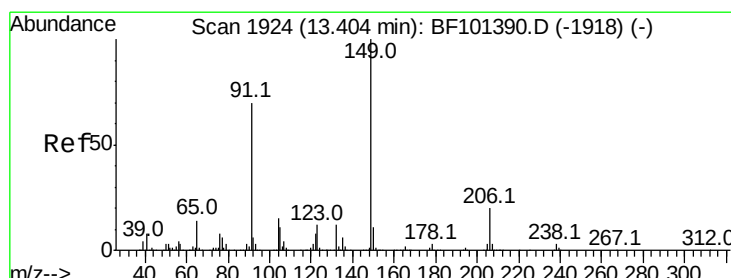
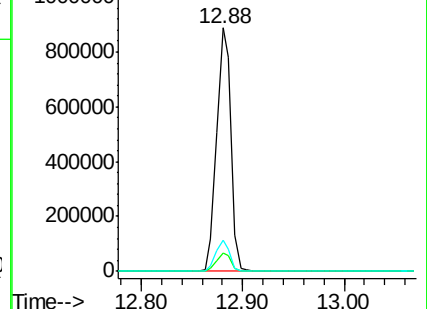
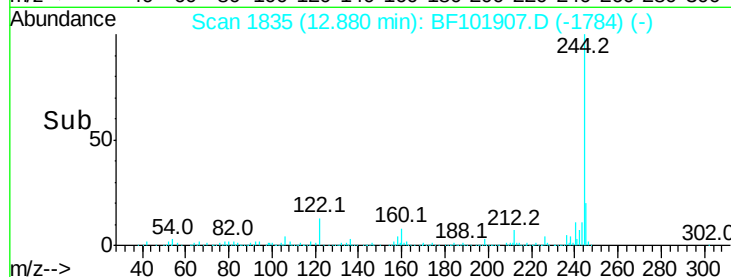
122 12.9 11.0 16.4



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: 39.825 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

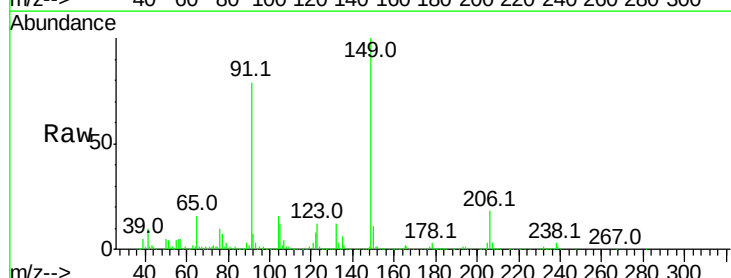
Tgt Ion:149 Resp: 362317

Ion Ratio Lower Upper

149 100

91 78.7 56.8 85.2

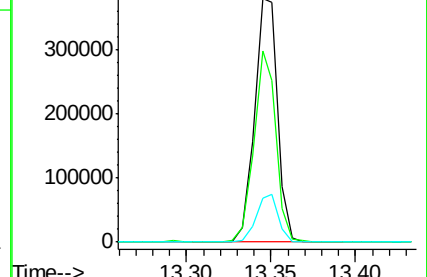
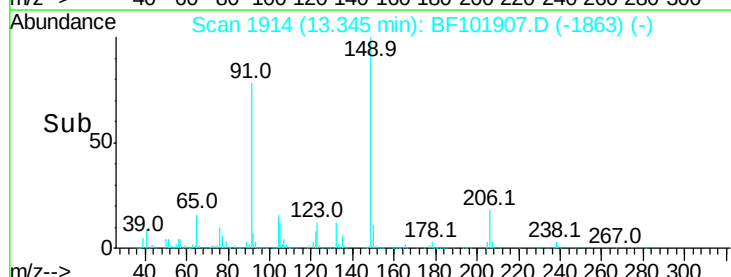
206 18.1 14.1 21.1

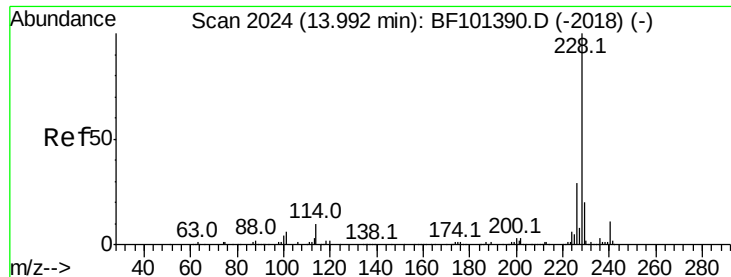


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 45.704 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

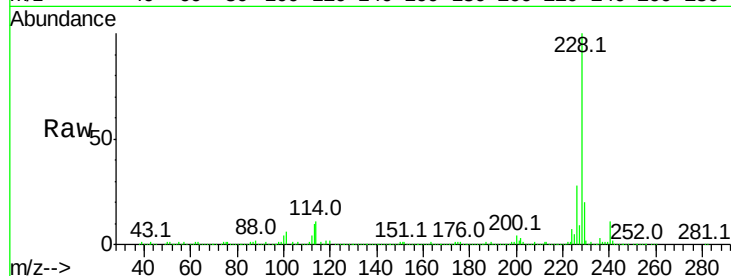
Tot Ion:228 Resp: 808525

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

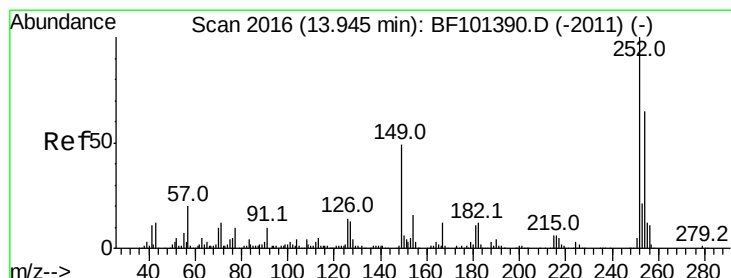
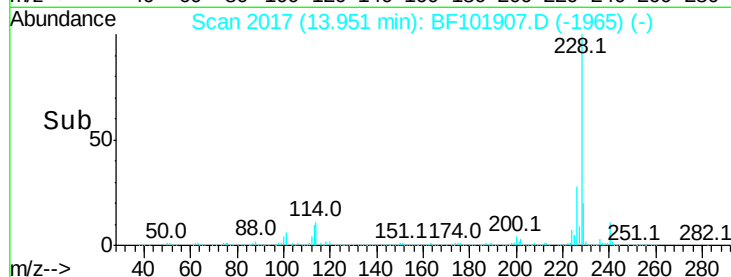
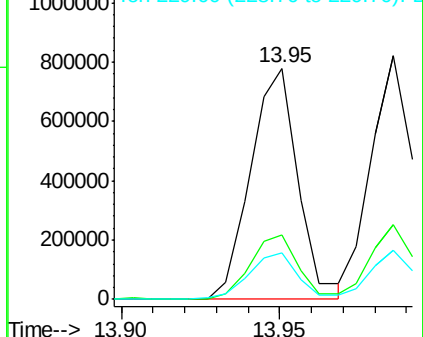
229 20.0 15.8 23.6



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: 31.218 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

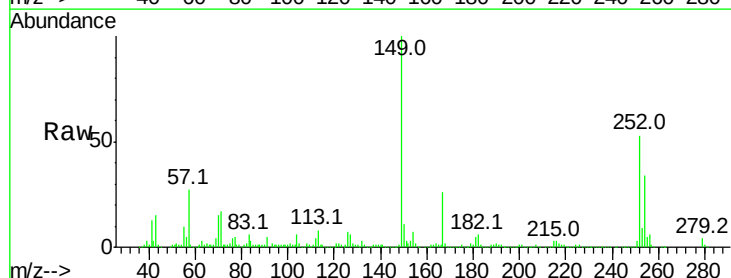
Tgt Ion:252 Resp: 180078

Ion Ratio Lower Upper

252 100

254 64.0 50.4 75.6

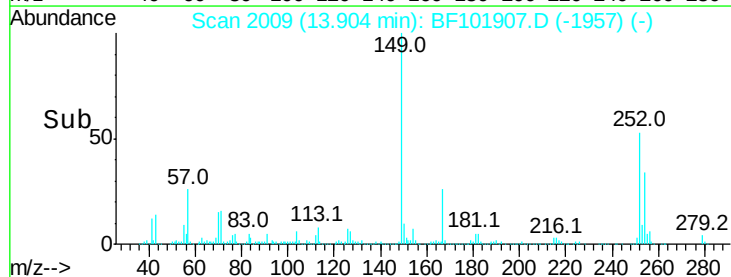
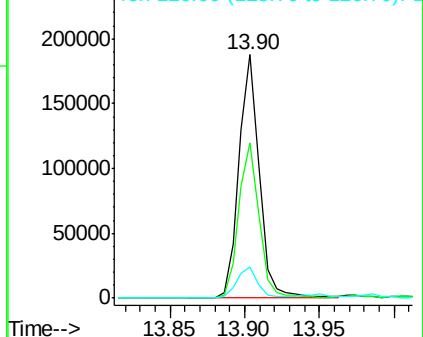
126 12.5 11.3 16.9

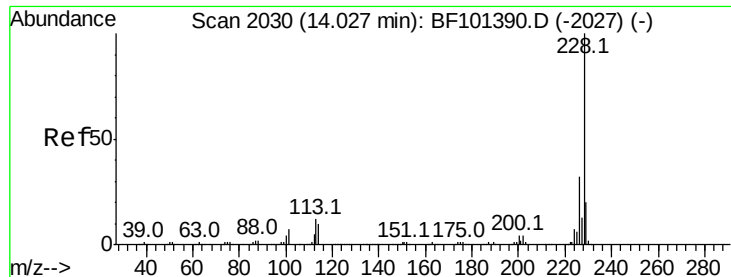


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.647 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

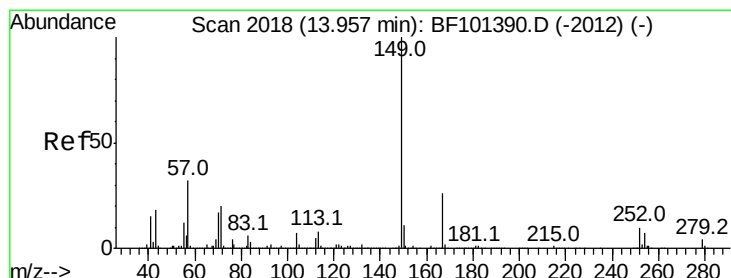
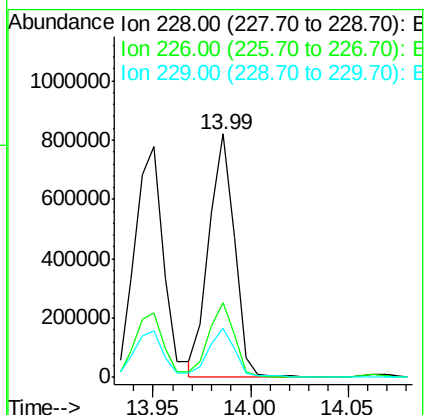
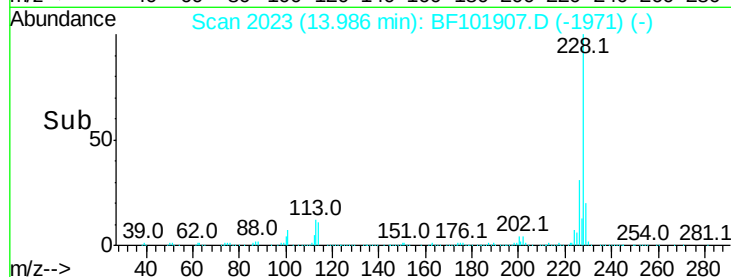
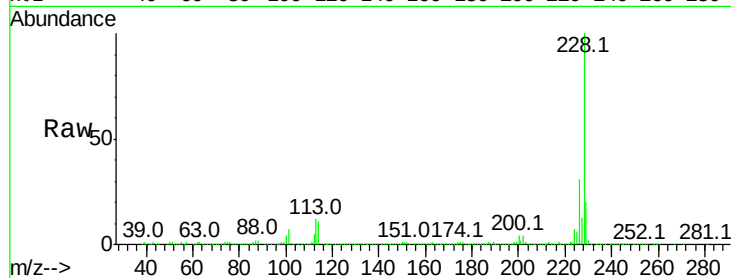
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 745747

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.1	16.2	24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.744 ng

RT: 13.90 min Scan# 2008

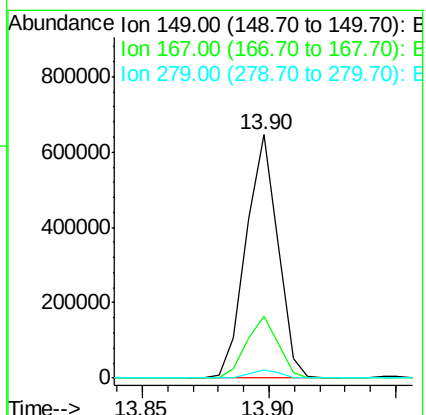
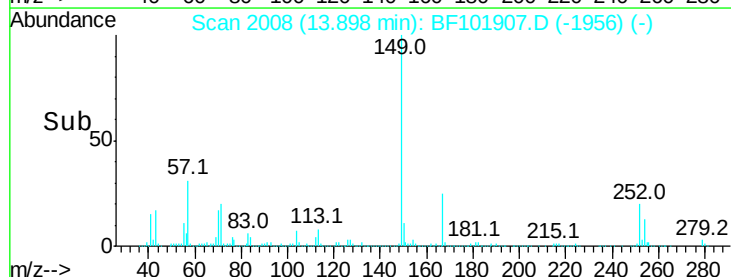
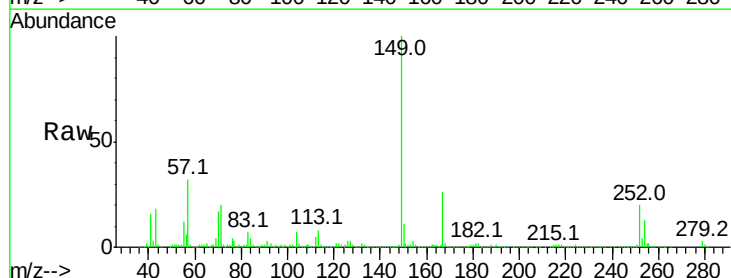
Delta R.T. 0.01 min

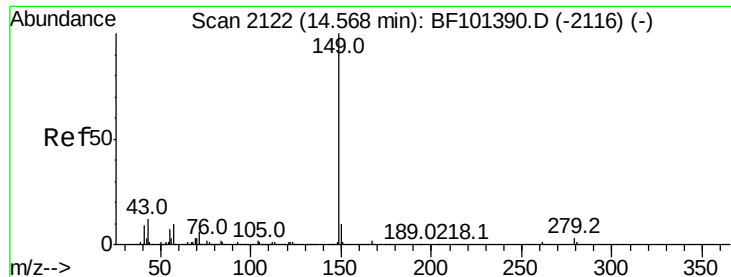
Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Tgt Ion:149 Resp: 561700

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 44.084 ng

RT: 14.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Instrument :

BNA_F

ClientSampleId :

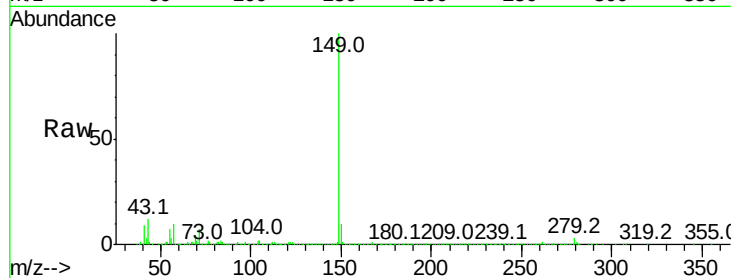
Tot Ion:149 Resp: 905973

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

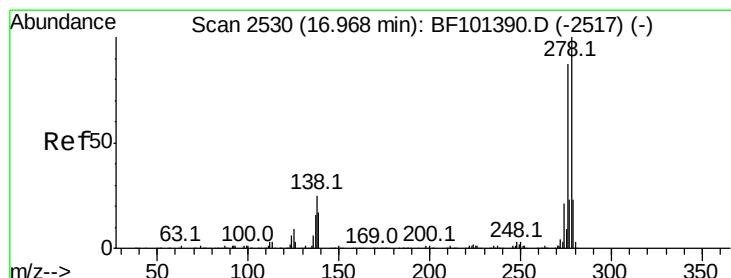
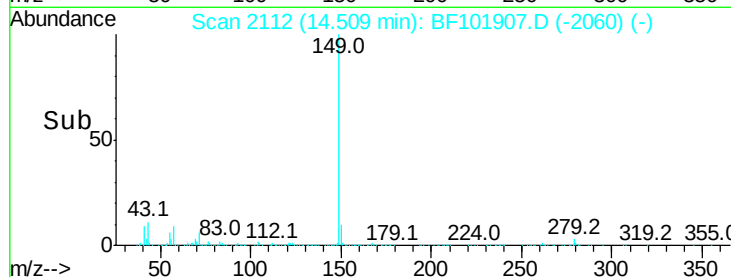
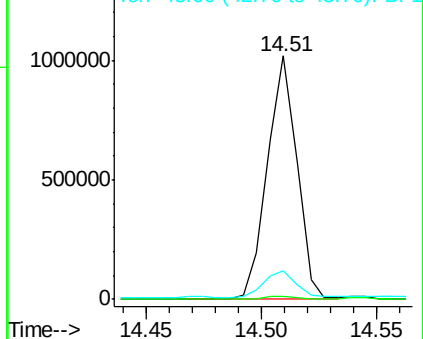
43 11.4 8.4 12.6



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: 29.770 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.02 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

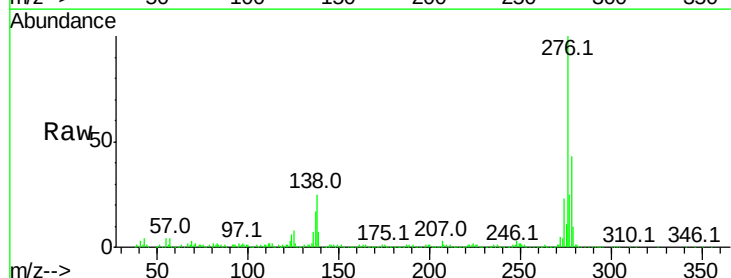
Tgt Ion:276 Resp: 442807

Ion Ratio Lower Upper

276 100

138 28.2 25.0 37.6

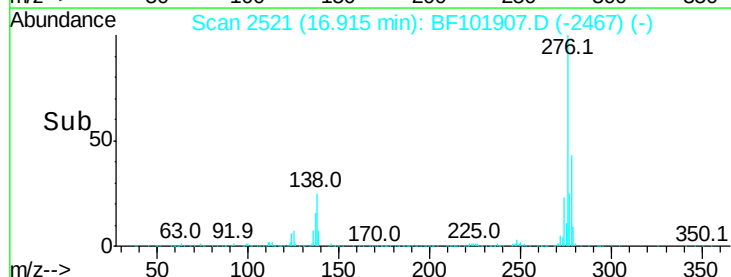
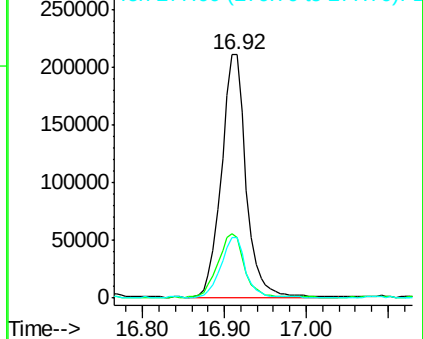
277 24.6 20.1 30.1

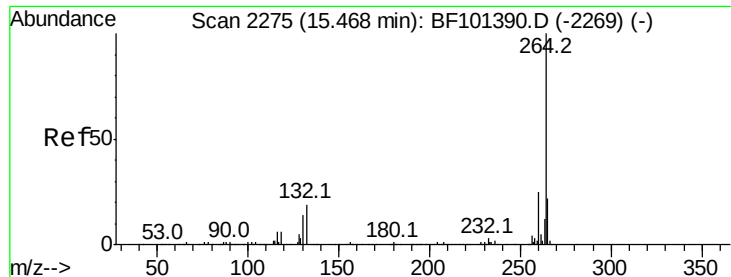


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

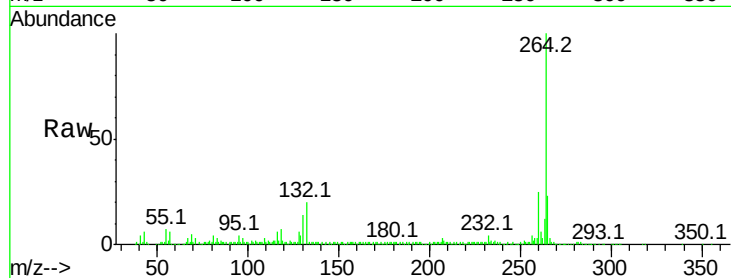




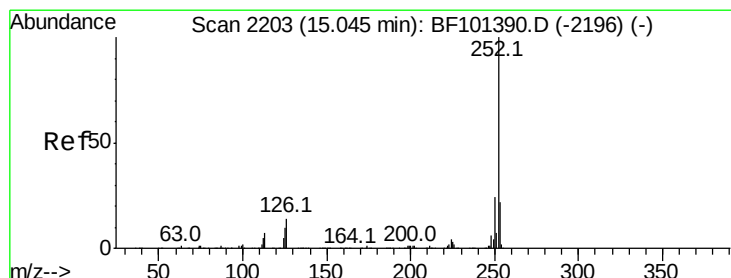
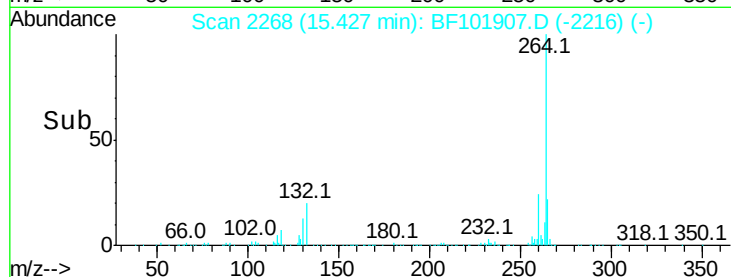
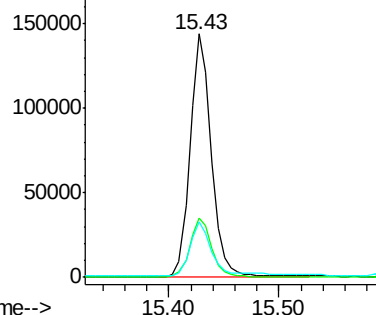
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 193784
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 22.9 17.5 26.3

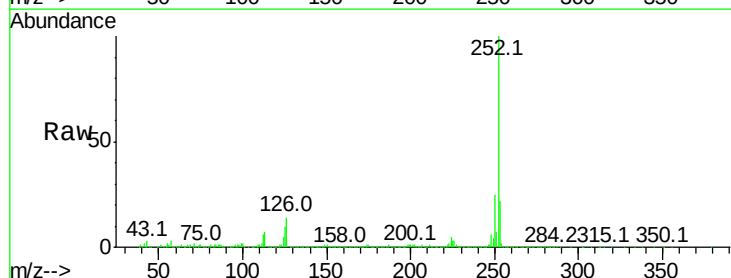


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

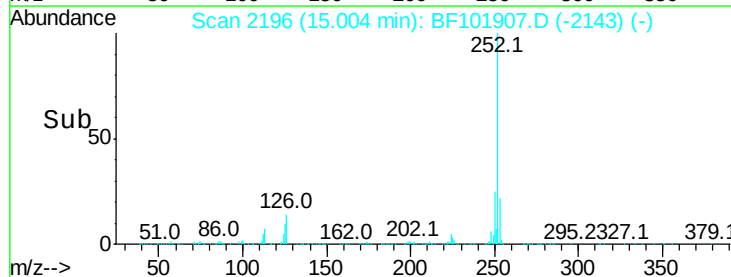
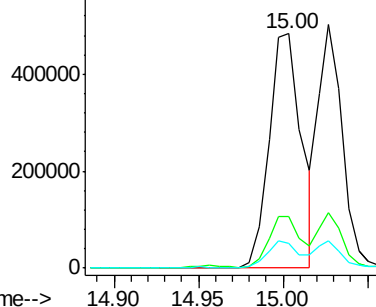


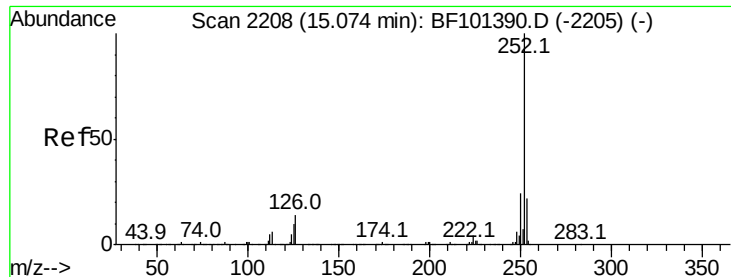
#87
Benzo(b)fluoranthene
Concen: 53.988 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion:252 Resp: 637688
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 10.5 9.0 13.6



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

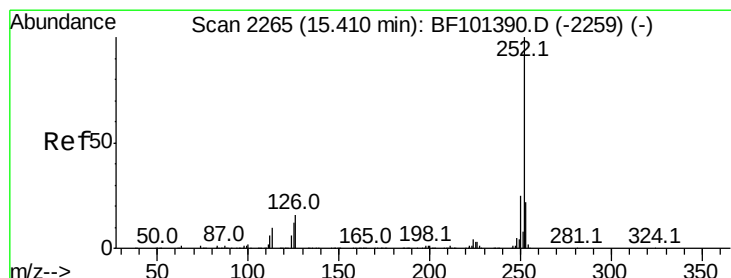
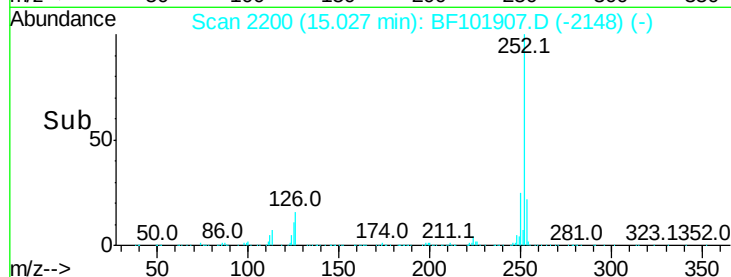
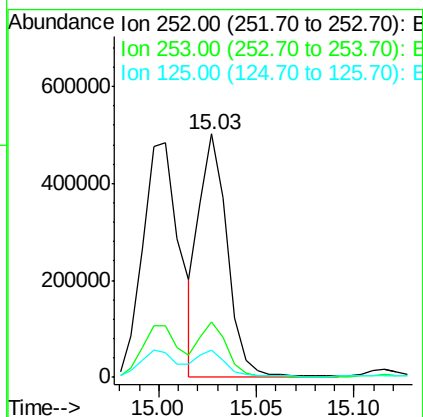
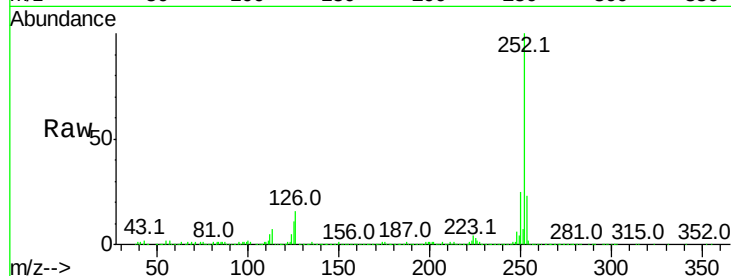




#88
Benzo(k)fluoranthene
Concen: 43.644 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

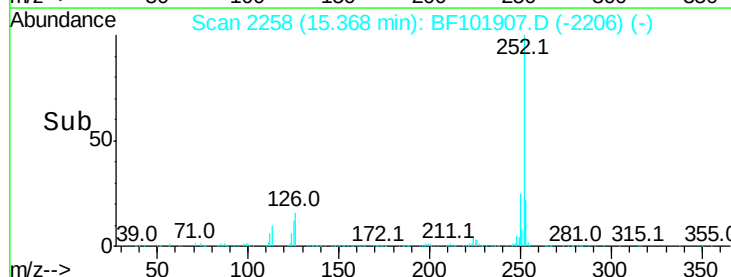
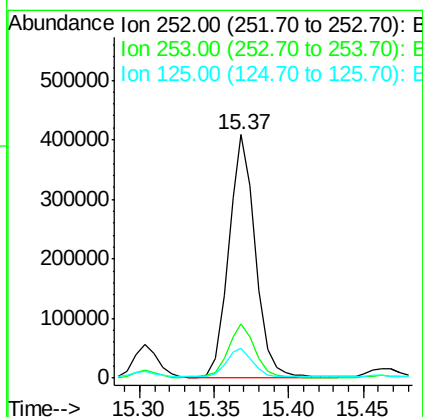
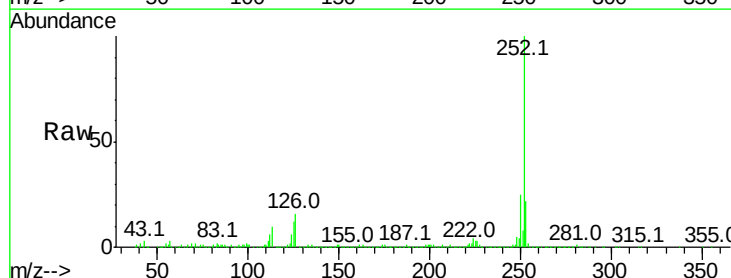
Instrument :
BNA_F
ClientSampleId :

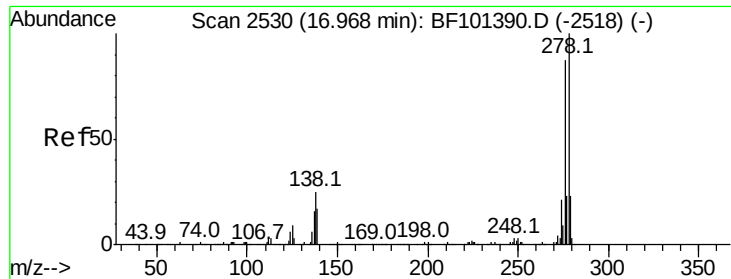
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 46.696 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF101907.D
Acq: 4 Jan 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.2	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 36.565 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

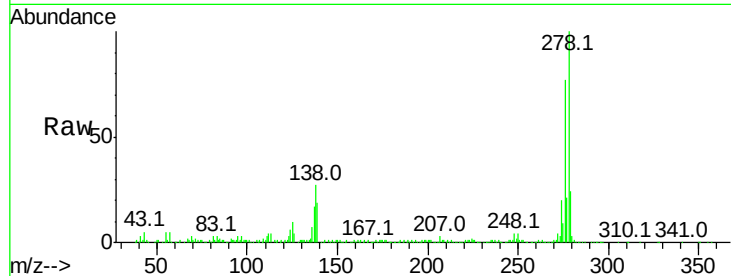
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 341835

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	23.9	19.0	28.4

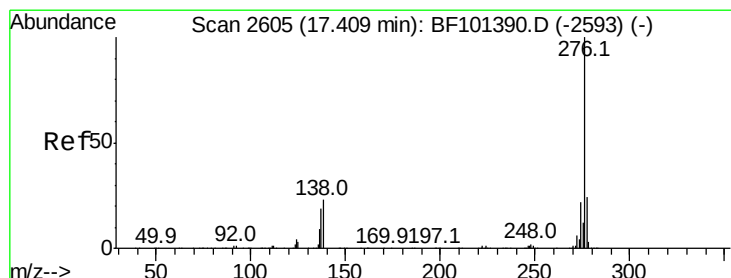
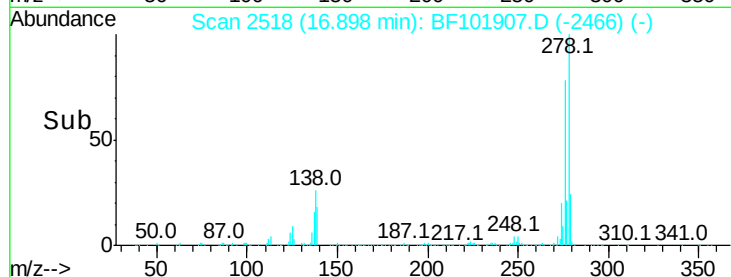
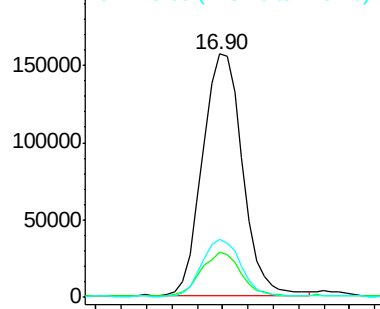


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.945 ng

RT: 17.36 min Scan# 2597

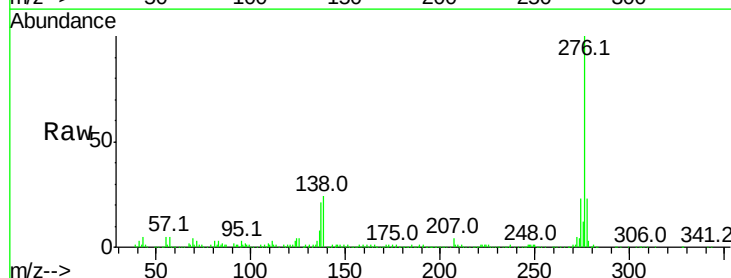
Delta R.T. 0.02 min

Lab File: BF101907.D

Acq: 4 Jan 2018 22:36

Tgt Ion:276 Resp: 379040

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.9	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

