

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101958.D
 Acq On : 9 Jan 2018 17:56
 Operator : SJ/JU
 Sample : J1043-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 23:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	254178	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	939410	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	339731	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	518930	20.00	ng	0.00
75) Chrysene-d12	13.88	240	443097	20.00	ng	0.00
86) Perylene-d12	15.31	264	299594	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1720780	95.60	ng	0.01
7) Phenol-d6	6.36	99	1971864	91.82	ng	0.01
23) Nitrobenzene-d5	7.29	82	1250849	78.25	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	272859	92.03	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1544776	71.04	ng	0.00
78) Terphenyl-d14	12.83	244	1077704	50.50	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	127	0.014	ng	# 20
3) Pyridine	3.08	79	145	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.04	42	390	0.038	ng	# 1
6) Aniline	6.39	93	375	0.012	ng	# 1
8) 2-Chlorophenol	6.51	128	1116	0.062	ng	# 27
9) Benzaldehyde	6.27	77	4470	0.300	ng	# 66
10) Phenol	6.37	94	118765	4.893	ng	# 94
11) bis(2-Chloroethyl)ether	6.49	93	2639	0.143	ng	# 1
12) 1,3-Dichlorobenzene	6.75	146	643	0.031	ng	# 63
13) 1,4-Dichlorobenzene	6.75	146	643	0.031	ng	# 46
14) 1,2-Dichlorobenzene	6.90	146	1322	0.069	ng	# 87
15) Benzyl Alcohol	6.89	79	21288	1.355	ng	# 29
16) 2,2'-oxybis(1-Chloropropan	7.25	45	235	0.007	ng	# 70
17) 2-Methylphenol	6.97	107	1301	0.080	ng	# 73
18) Hexachloroethane	7.22	117	472	0.065	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	169425	12.038	ng	# 83
20) 3+4-Methylphenols	7.13	107	3651	0.187	ng	# 65
22) Acetophenone	7.12	105	5298	0.234	ng	# 72
24) Nitrobenzene	7.29	77	5344	0.311	ng	# 33
25) Isophorone	7.29	82	1246654	39.467	ng	# 64
27) 2,4-Dimethylphenol	7.66	122	1544	0.115	ng	# 95
28) bis(2-Chloroethoxy)methane	7.76	93	1161	0.061	ng	# 1
30) 1,2,4-Trichlorobenzene	7.95	180	133	0.010	ng	# 73
31) Naphthalene	8.03	128	98672	2.102	ng	# 99
32) Benzoic acid	7.79	122	2364	0.232	ng	# 44
33) 4-Chloroaniline	8.03	127	12605	0.629	ng	# 33
35) Caprolactam	8.48	113	275	0.063	ng	# 1
36) 4-Chloro-3-methylphenol	8.56	107	2240	0.160	ng	# 61
37) 2-Methylnaphthalene	8.72	142	39715	1.285	ng	# 94
45) 1,1'-Biphenyl	9.19	154	13104	0.436	ng	# 92
46) 2-Chloronaphthalene	9.38	162	1166	0.050	ng	# 95
47) 2-Nitroaniline	9.32	65	587	0.084	ng	# 10
48) Acenaphthylene	9.62	152	146482	3.964	ng	# 98
49) Dimethylphthalate	9.48	163	176379	6.472	ng	# 99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101958.D
 Acq On : 9 Jan 2018 17:56
 Operator : SJ/JU
 Sample : J1043-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 23:59:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

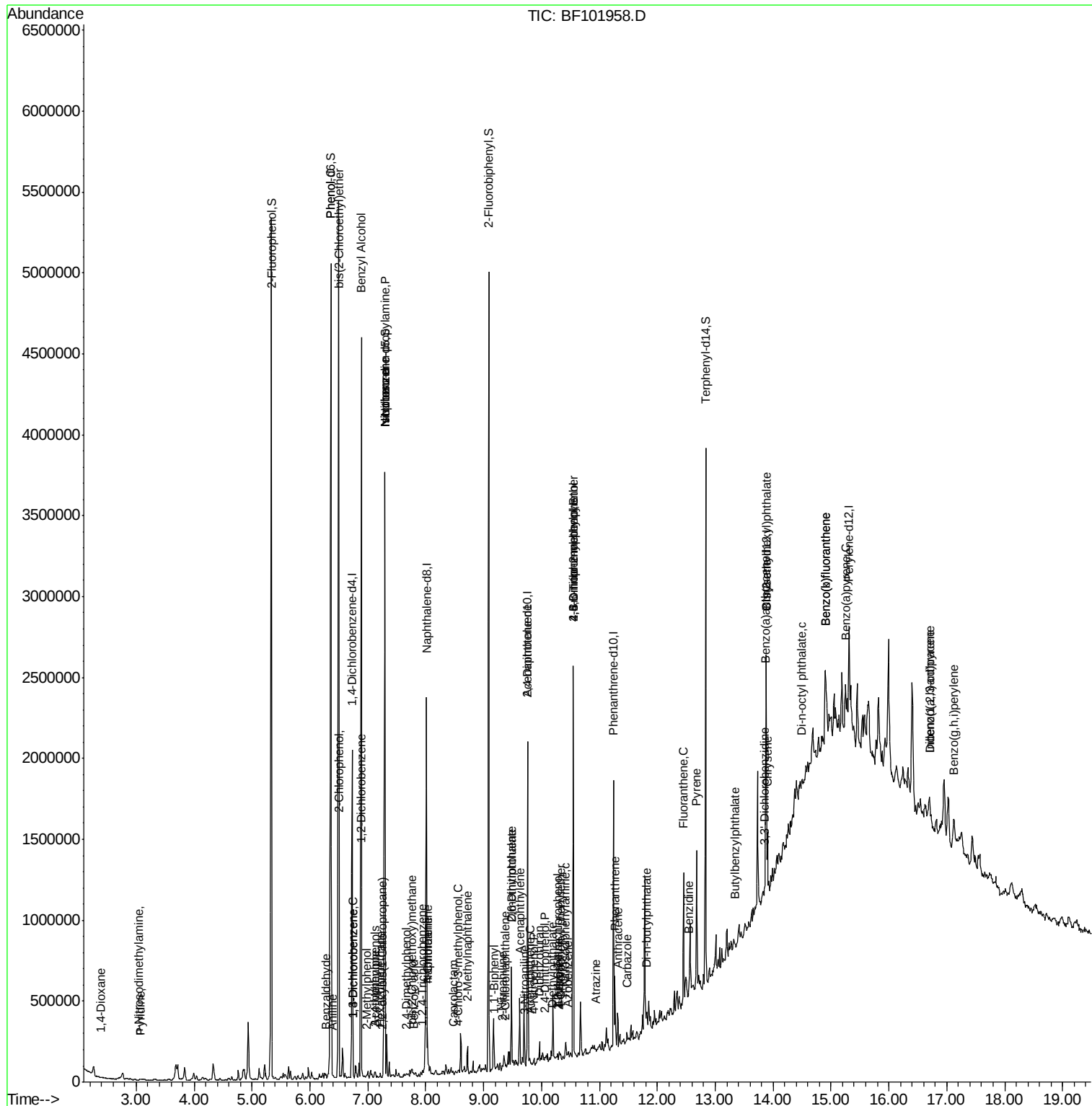
50) 2,6-Dinitrotoluene	9.48	165	3410	0.626	nq	# 27
51) Acenaphthene	9.79	154	6518	0.291	nq	89
52) 3-Nitroaniline	9.72	138	829	0.121	nq	# 57
53) 2,4-Dinitrophenol	10.06	184	467	8.858	nq	# 25
54) Dibenzofuran	9.96	168	16139	0.524	nq	# 90
55) 4-Nitrophenol	9.86	139	2038	0.398	nq	# 11
56) 2,4-Dinitrotoluene	9.76	165	47795	7.005	nq	# 23
57) Fluorene	10.30	166	13978	0.657	nq	# 95
58) 2,3,4,6-Tetrachlorophenol	10.27	232	122	0.023	nq	# 1
59) Diethylphthalate	10.18	149	5110	0.188	nq	# 86
60) 4-Chlorophenyl-phenylether	10.32	204	120	0.013	nq	# 1
61) 4-Nitroaniline	10.30	138	976	0.150	nq	86
62) Azobenzene	10.47	77	810	0.030	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	787	5.908	nq	# 1
65) n-Nitrosodiphenylamine	10.42	169	6768	0.348	nq	# 84
66) 4-Bromophenyl-phenylether	10.55	248	18327	3.344	nq	# 1
68) Atrazine	10.93	200	289	0.051	nq	# 1
70) Phenanthrene	11.27	178	155383	5.126	nq	98
71) Anthracene	11.32	178	72105	2.345	nq	99
72) Carbazole	11.47	167	14165	0.469	nq	# 92
73) Di-n-butylphthalate	11.82	149	11830	0.319	nq	# 81
74) Fluoranthene	12.45	202	303247	10.168	nq	98
76) Benzidine	12.54	184	542	0.025	nq	# 1
77) Pyrene	12.68	202	315966	8.067	nq	98
79) Butylbenzylphthalate	13.34	149	2622	0.146	nq	# 44
80) Benzo(a)anthracene	13.87	228	157029	5.554	nq	# 70
81) 3,3'-Dichlorobenzidine	13.84	252	864	0.083	nq	# 40
82) Chrysene	13.90	228	148725	5.045	nq	# 95
83) Bis(2-ethylhexyl)phthalate	13.87	149	3574	0.173	nq	# 75
84) Di-n-octyl phthalate	14.49	149	2751	0.080	nq	# 69
85) Indeno(1,2,3-cd)pyrene	16.70	276	105960	4.939	nq	99
87) Benzo(b)fluoranthene	14.90	252	265093	13.570	nq	# 72
88) Benzo(k)fluoranthene	14.90	252	265093	14.067	nq	# 76
89) Benzo(a)pyrene	15.25	252	140179	7.975	nq	# 83
90) Dibenzo(a,h)anthracene	16.71	278	24397	1.739	nq	# 37
91) Benzo(a,h,i)perylene	17.12	276	125788	8.902	nq	# 88

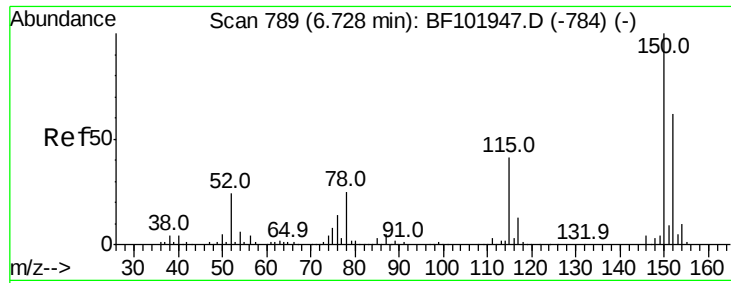
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\  
Data File : BF101958.D  
Acq On    : 9 Jan 2018 17:56  
Operator  : SJ/JU  
Sample    : J1043-06  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 09 23:59:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration



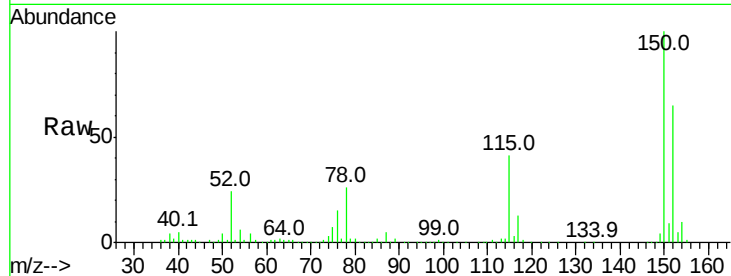


#1

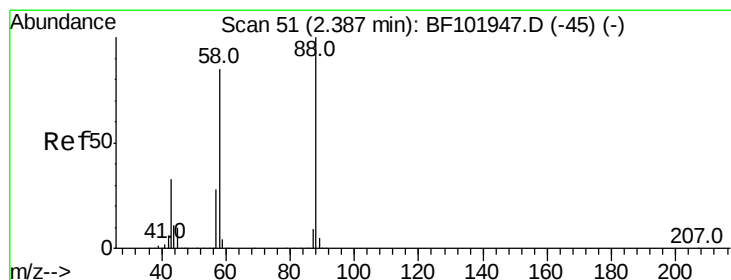
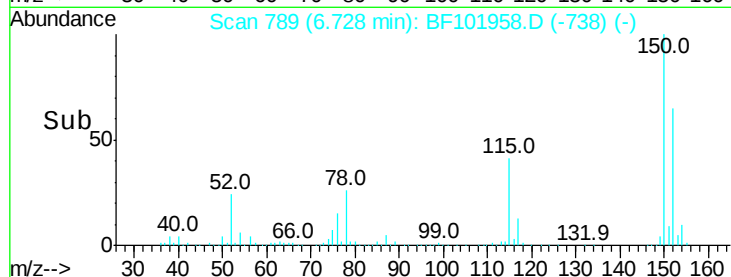
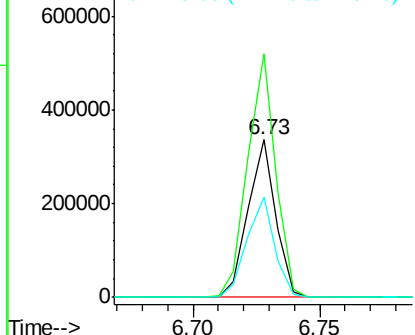
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 254178
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 63.5 50.1 75.1



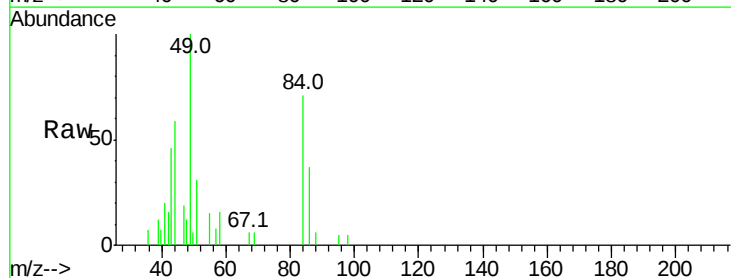
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



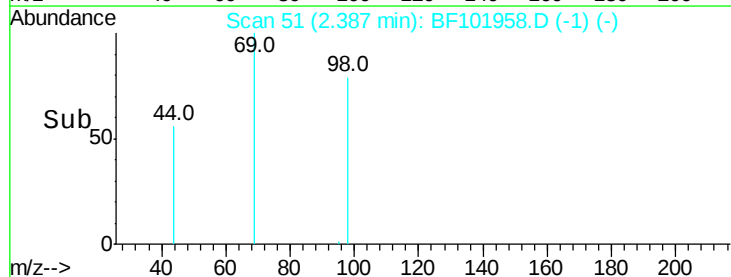
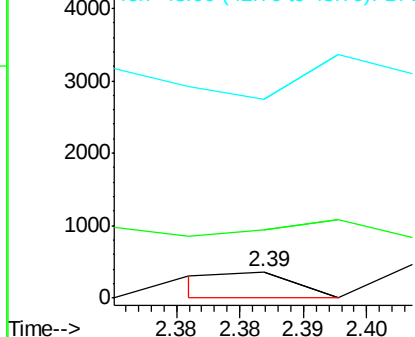
#2

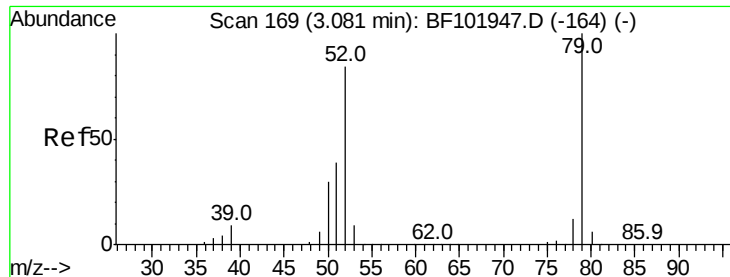
1,4-Dioxane
Concen: 0.014 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



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





#3

Pvridine

Concen: 0.006 ng

RT: 3.08 min Scan# 168

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

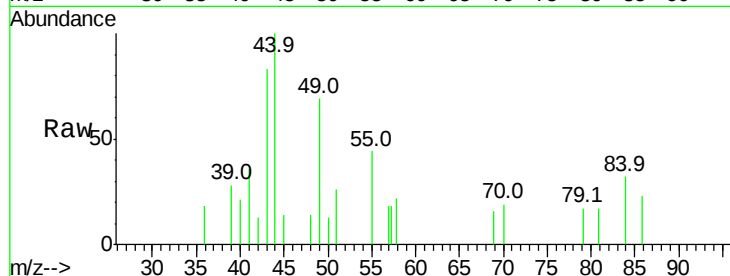
Tot Ion: 79 Resp: 145

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 151.7 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

800

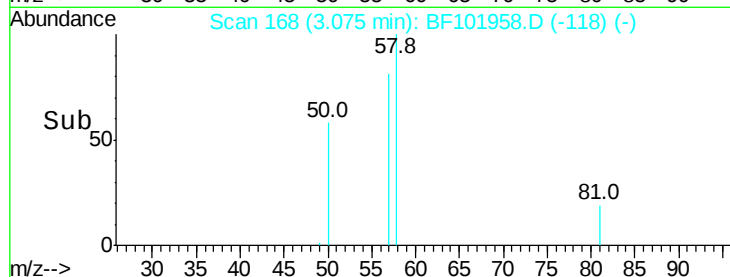
600

400

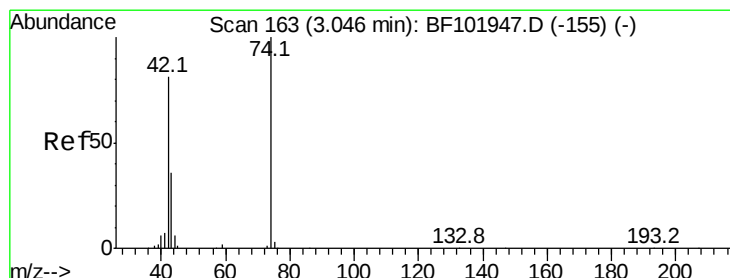
200

0

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

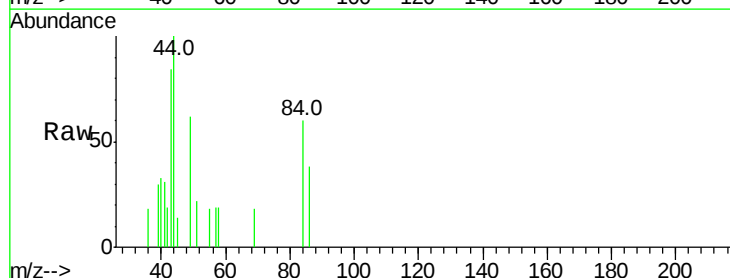
Tgt Ion: 42 Resp: 390

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 528.3 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

4000

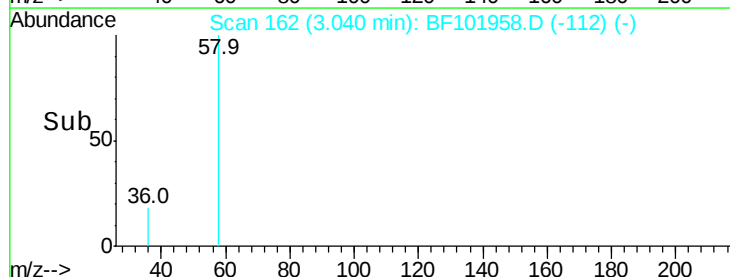
3000

2000

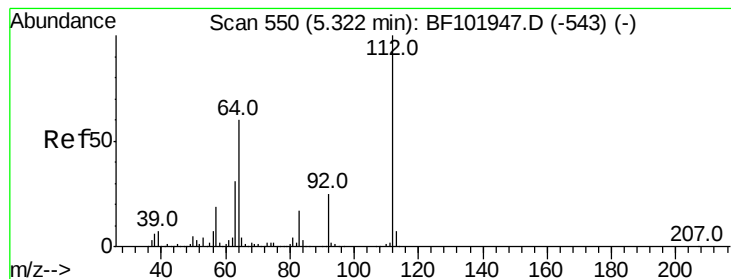
1000

0

Time-->



Time-->



#5

2-Fluorophenol

Concen: 95.598 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

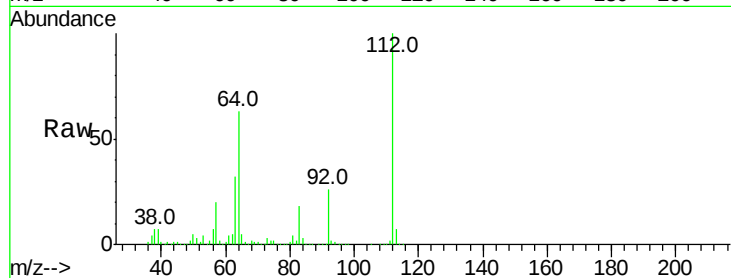
Tot Ion:112 Resp: 1720780

Ion Ratio Lower Upper

112 100

64 62.7 47.9 71.9

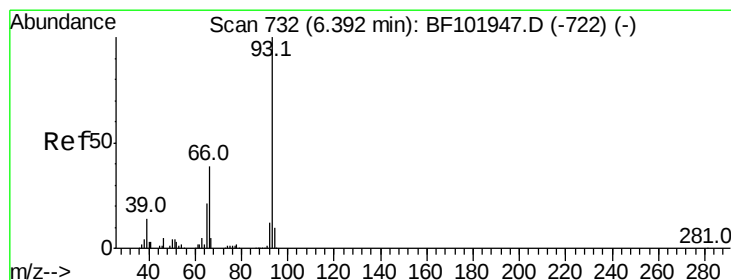
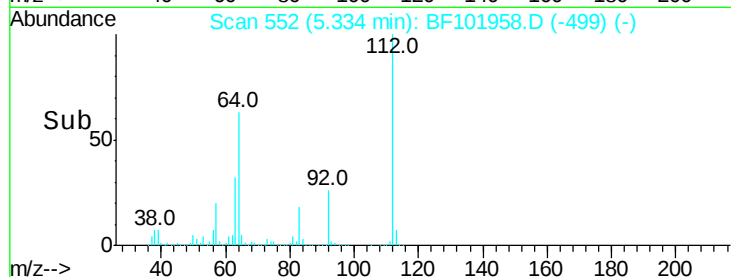
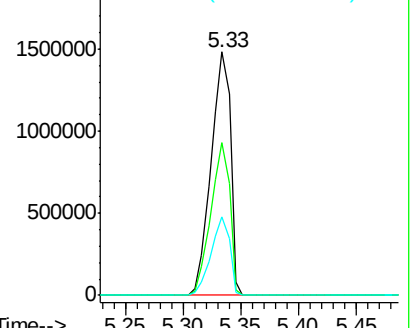
63 32.1 23.7 35.5



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: 0.012 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

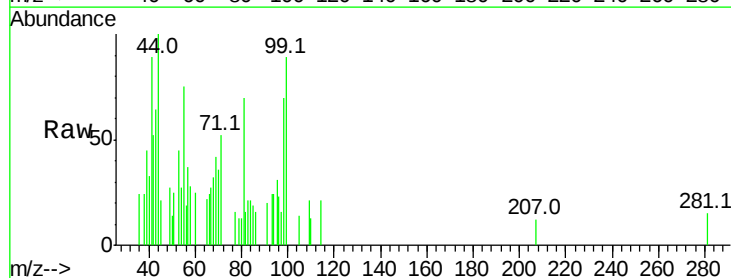
Tgt Ion: 93 Resp: 375

Ion Ratio Lower Upper

93 100

66 99.4 32.2 48.2#

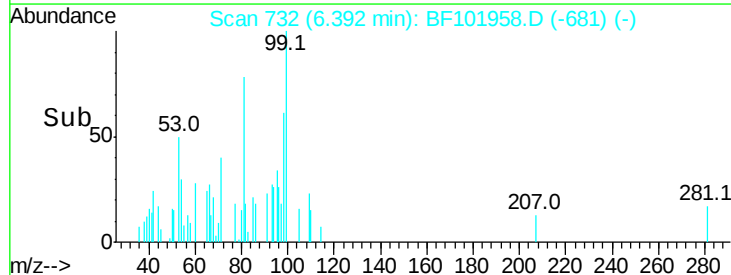
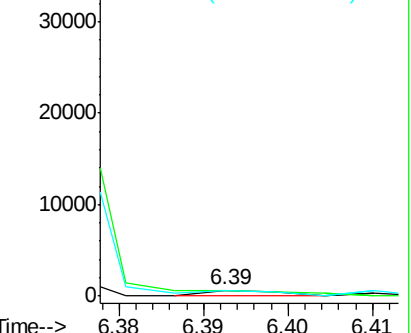
65 90.0 16.4 24.6#

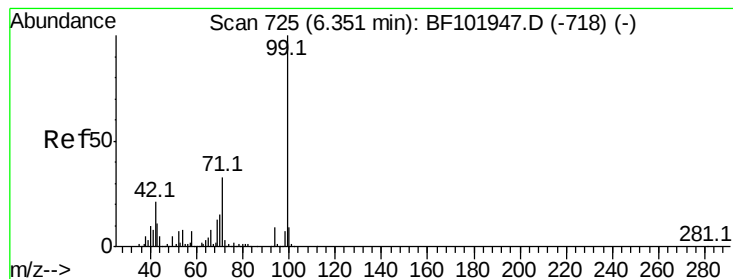


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.817 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

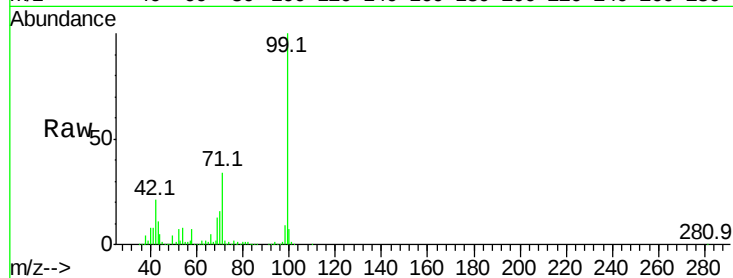
Tot Ion: 99 Resp: 1971864

Ion Ratio Lower Upper

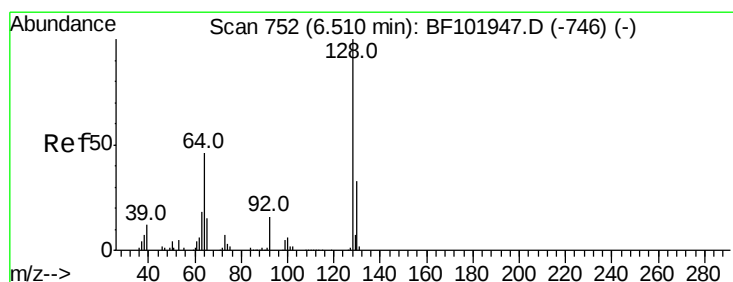
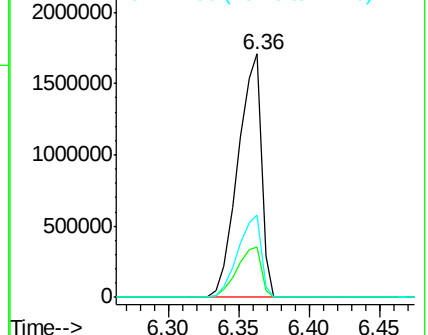
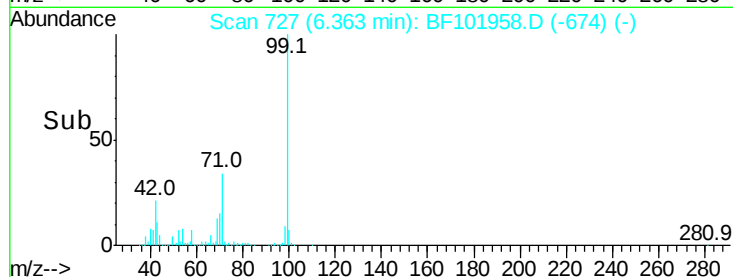
99 100

42 20.7 14.5 21.7

71 33.6 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: 0.062 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

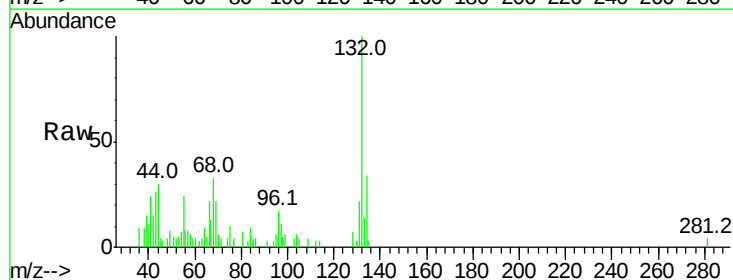
Tgt Ion: 128 Resp: 1116

Ion Ratio Lower Upper

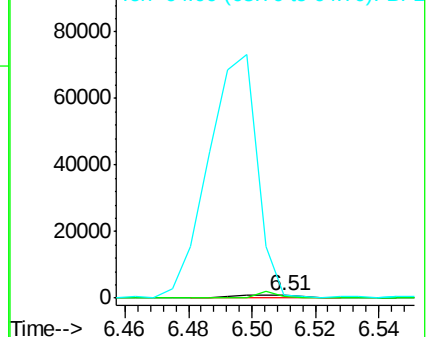
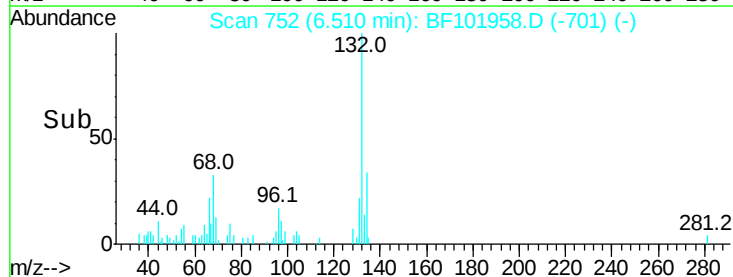
128 100

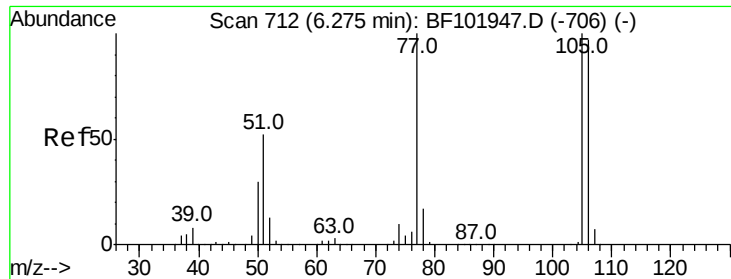
130 39.7 13.0 53.0

64 127.1 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: 0.300 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

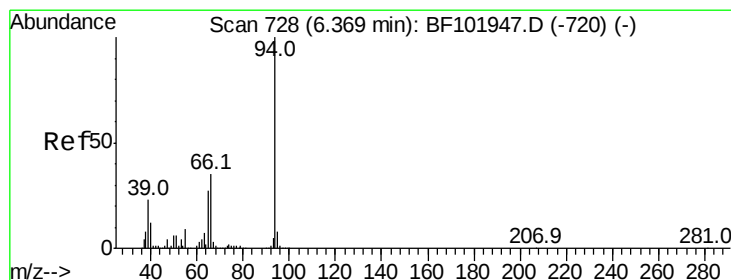
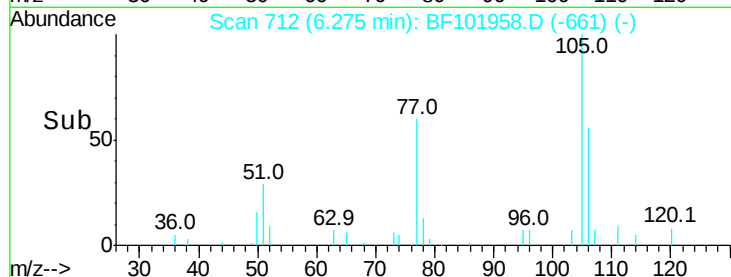
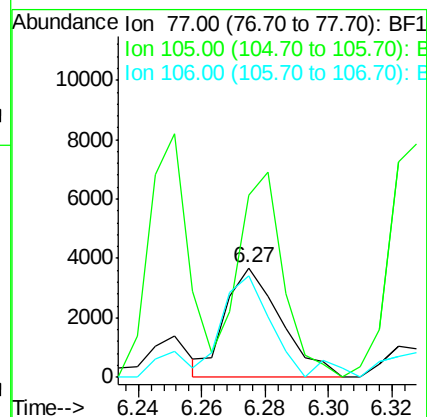
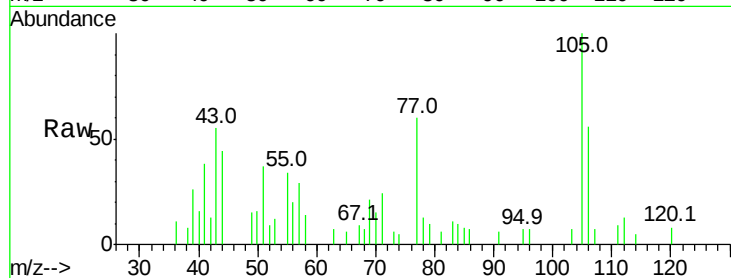
Tot Ion: 77 Resp: 4470

Ion Ratio Lower Upper

77 100

105 166.5 81.1 121.1#

106 92.7 74.5 114.5



#10

Phenol

Concen: 4.893 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

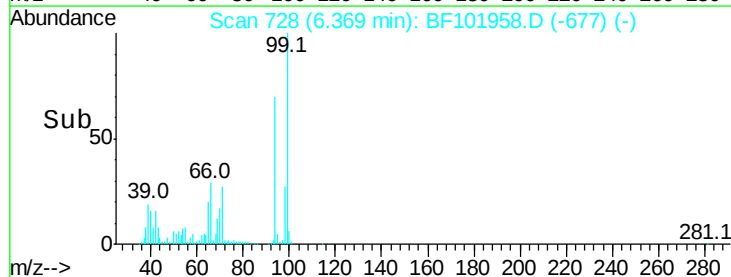
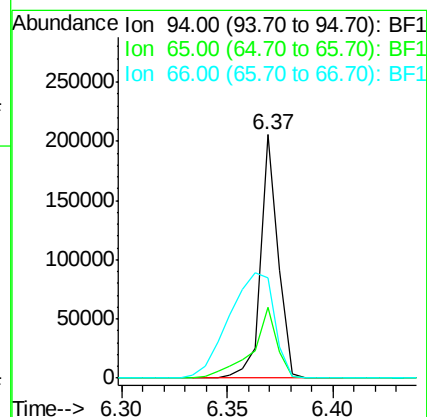
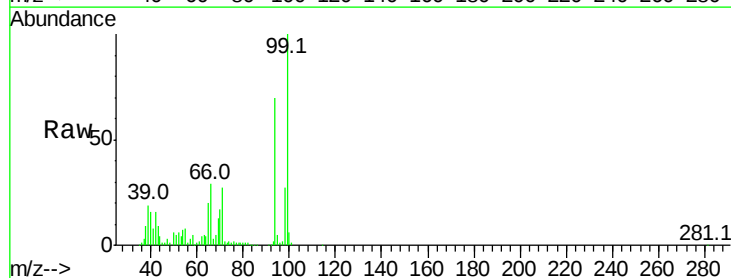
Tgt Ion: 94 Resp: 118765

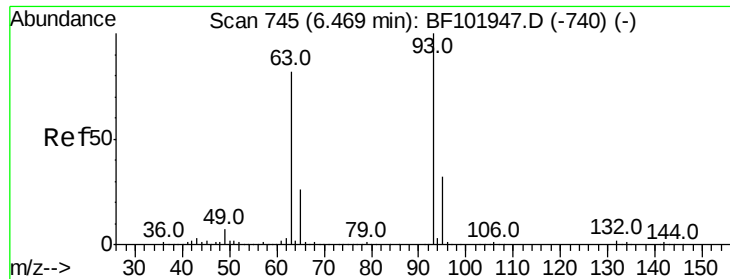
Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

66 41.1 16.2 56.2

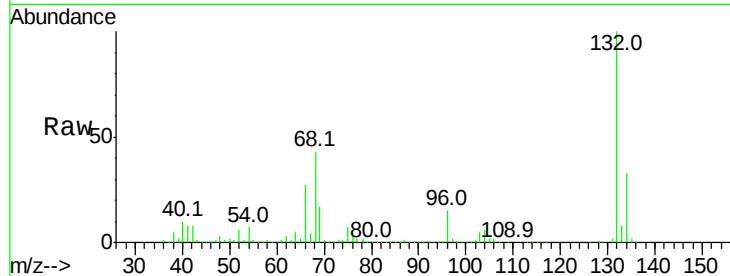




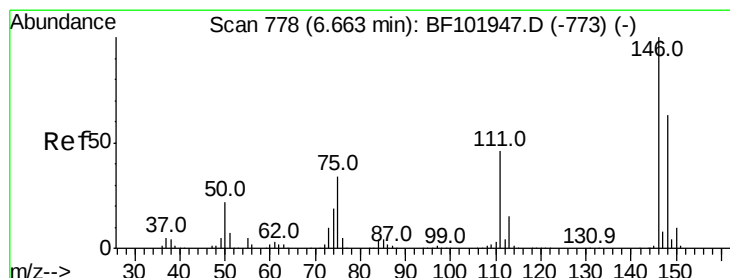
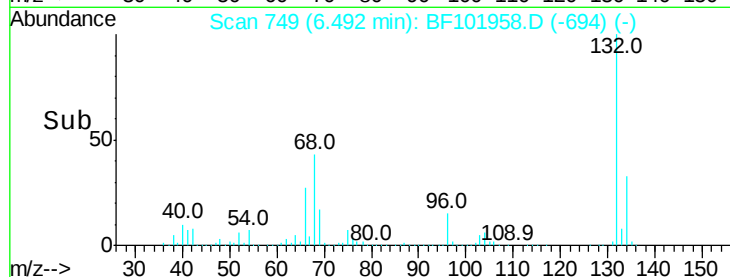
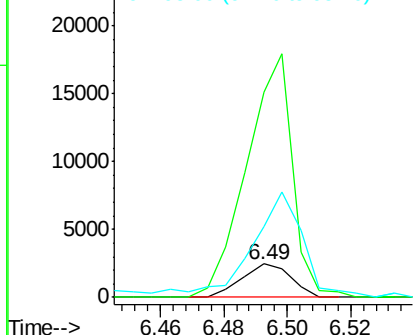
#11
bis(2-Chloroethyl)ether
Concen: 0.143 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 2639
Ion Ratio Lower Upper
93 100
63 618.8 58.6 98.6#
95 214.8 11.8 51.8#

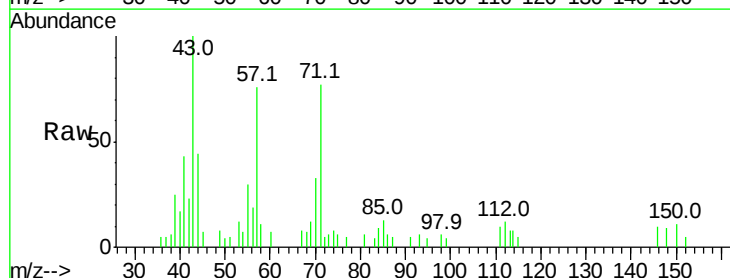


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

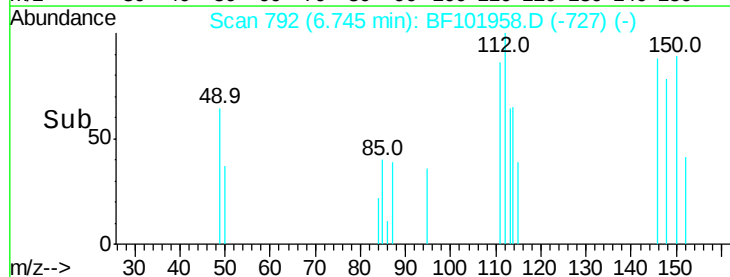
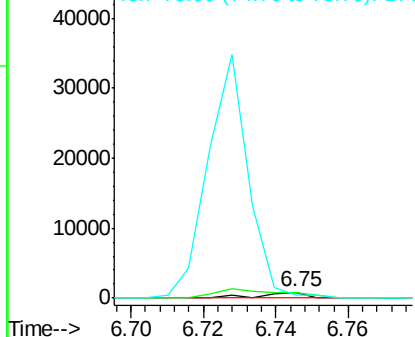


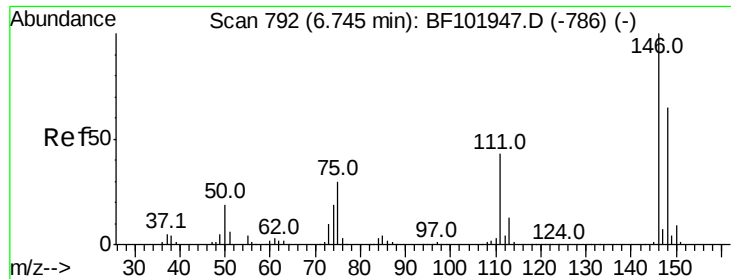
#12
1,3-Dichlorobenzene
Concen: 0.031 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.08 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion: 146 Resp: 643
Ion Ratio Lower Upper
146 100
148 88.5 51.8 77.8#
75 59.0 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.031 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

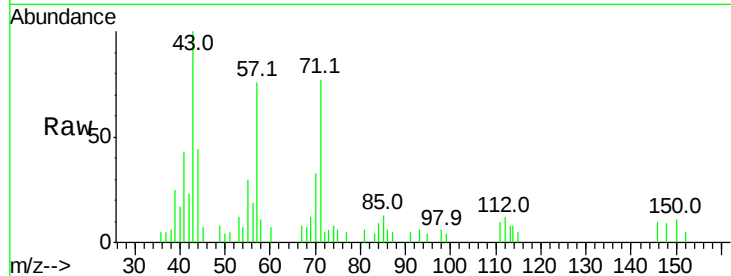
Tot Ion:146 Resp: 643

Ion Ratio Lower Upper

146 100

148 88.5 50.8 76.2#

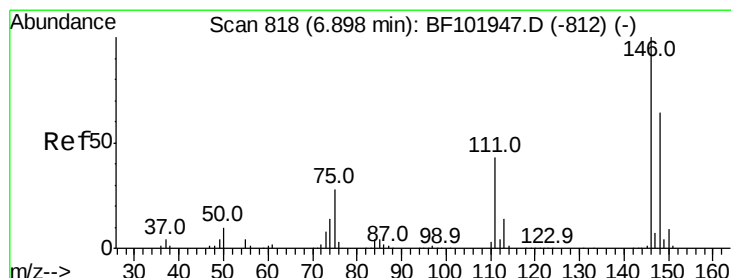
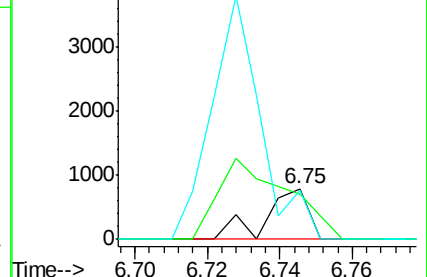
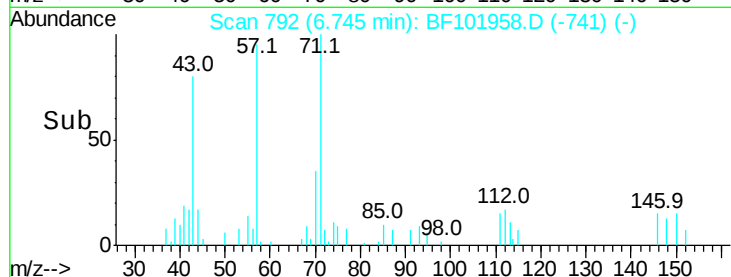
111 97.1 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.069 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

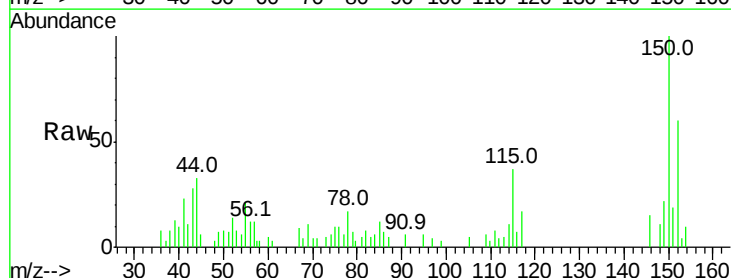
Tgt Ion:146 Resp: 1322

Ion Ratio Lower Upper

146 100

148 73.8 50.6 75.8

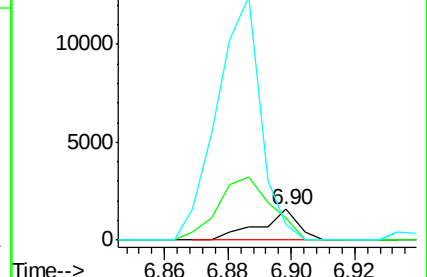
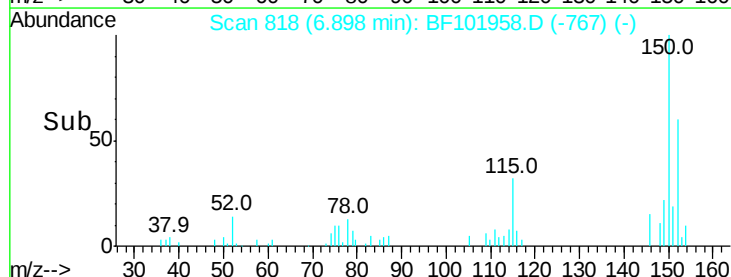
111 53.2 36.0 54.0

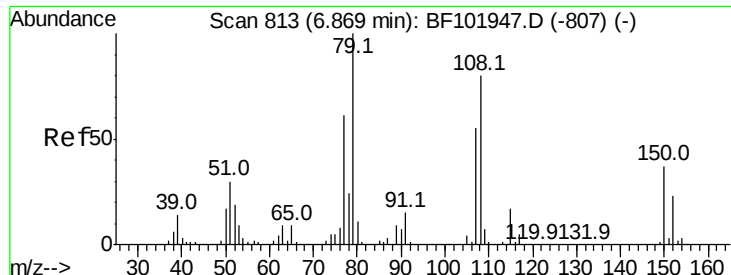


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

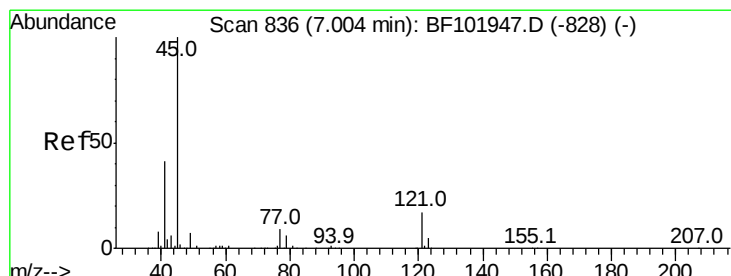
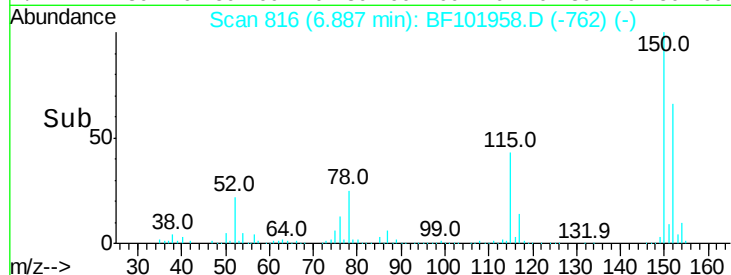
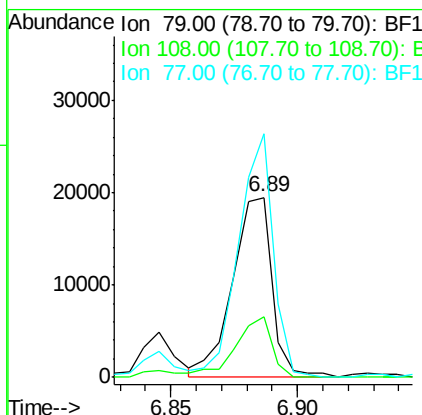
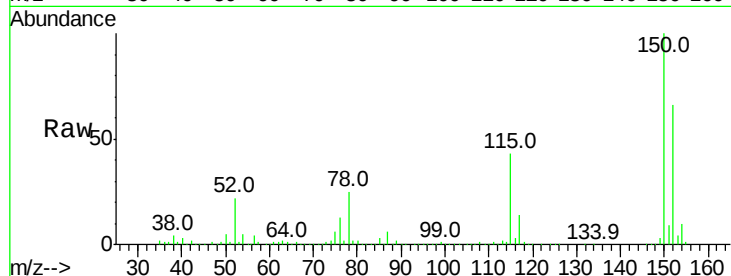




#15
Benzyl Alcohol
Concen: 1.355 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

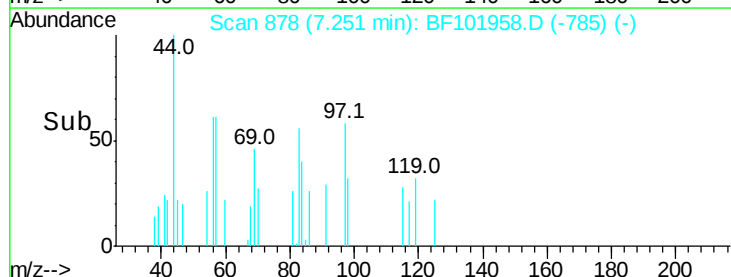
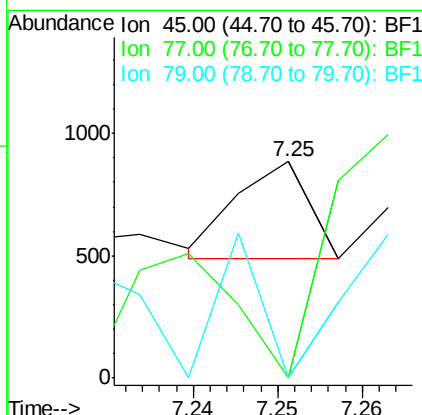
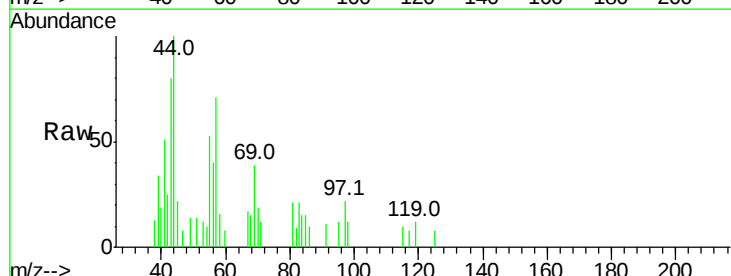
Instrument :
BNA_F
ClientSampleId :

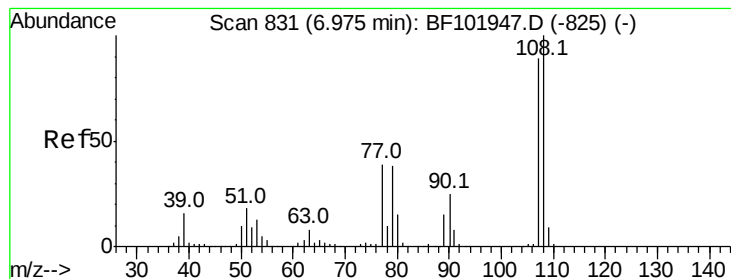
Tot Ion: 79 Resp: 21288
Ion Ratio Lower Upper
79 100
108 33.9 65.1 97.7#
77 135.2 50.6 75.8#



#16
2,2'-oxybis(1-chloropropane)
Concen: 0.007 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.25 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion: 45 Resp: 235
Ion Ratio Lower Upper
45 100
77 0.0 0.0 32.9
79 0.0 0.0 29.6

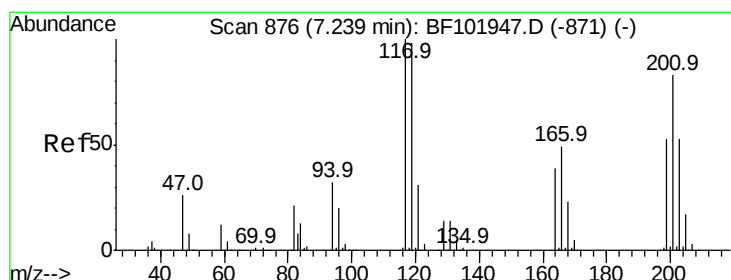
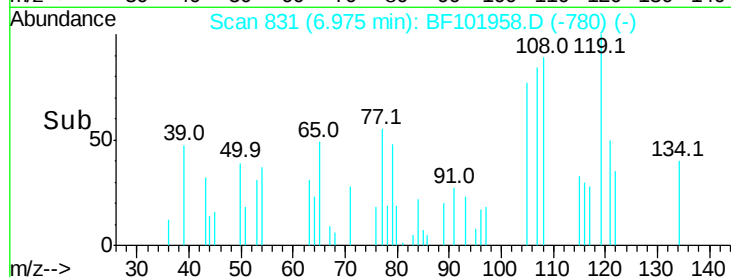
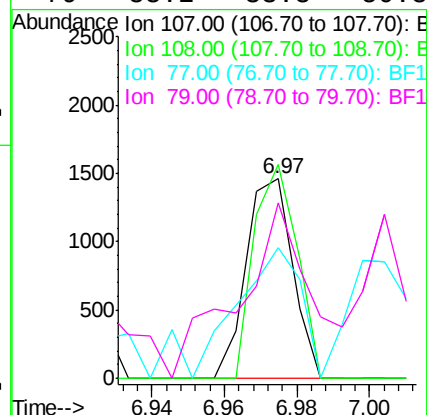
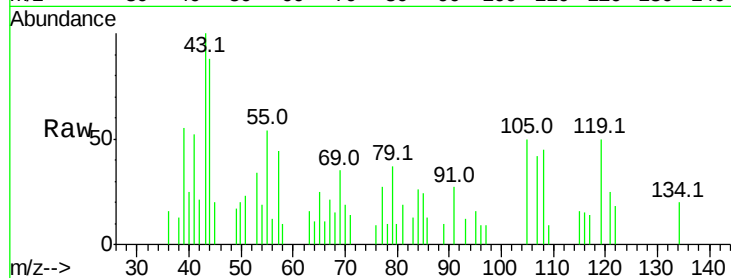




#17
2-Methylphenol
Concen: 0.080 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

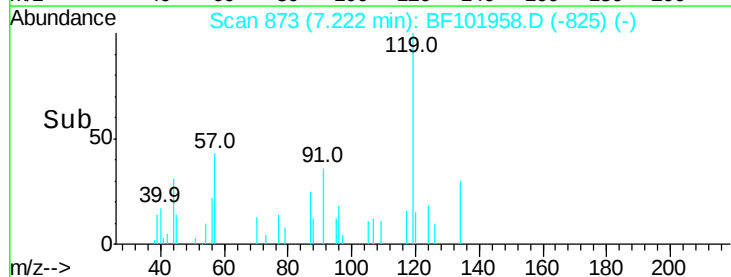
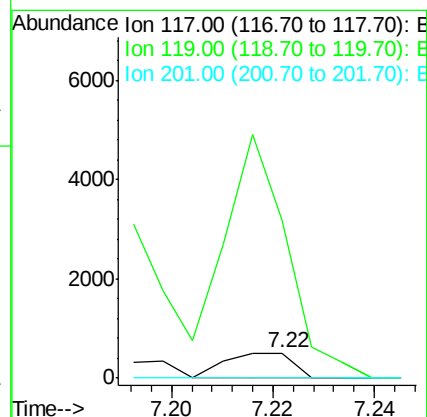
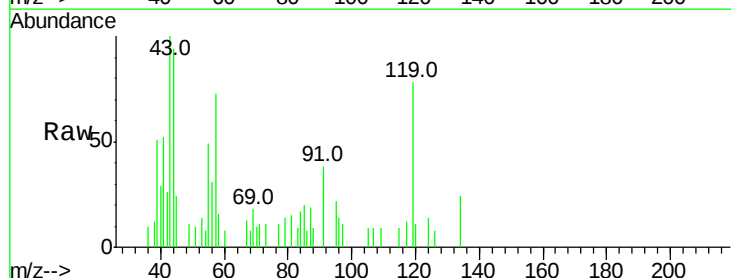
Instrument :
BNA_F
ClientSampleId :

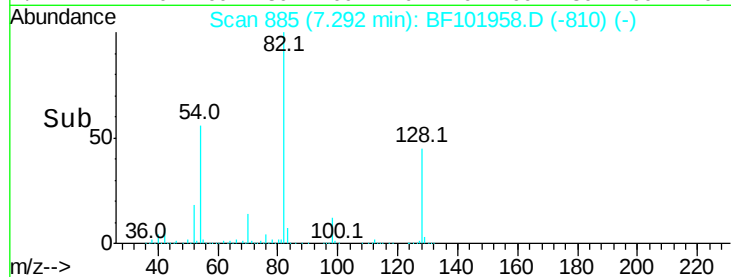
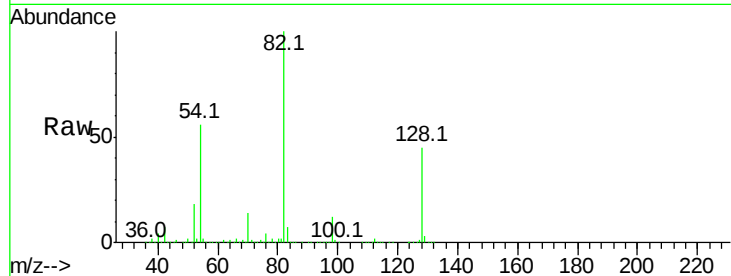
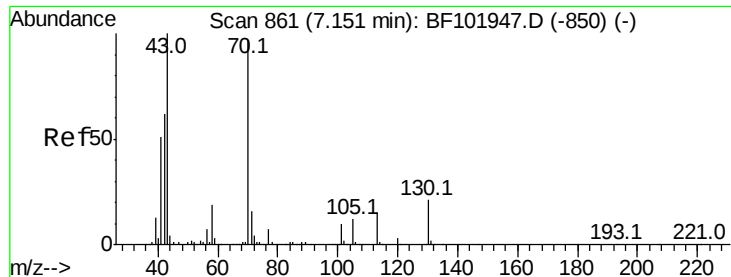
Tot Ion:107 Resp: 1301
Ion Ratio Lower Upper
107 100
108 107.0 91.7 137.5
77 65.7 33.8 50.8#
79 88.2 33.8 50.8#



#18
Hexachloroethane
Concen: 0.065 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:117 Resp: 472
Ion Ratio Lower Upper
117 100
119 630.8 75.8 113.8#
201 0.0 75.7 113.5#

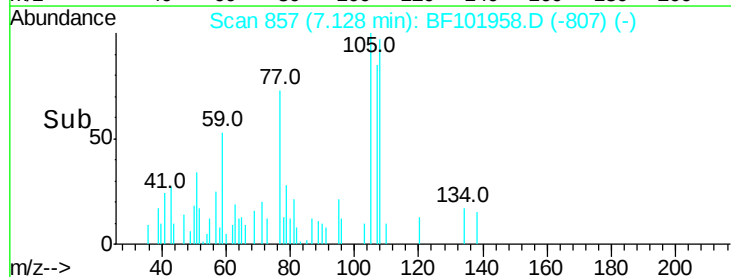
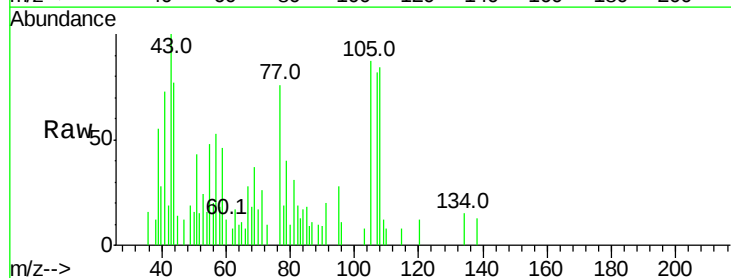
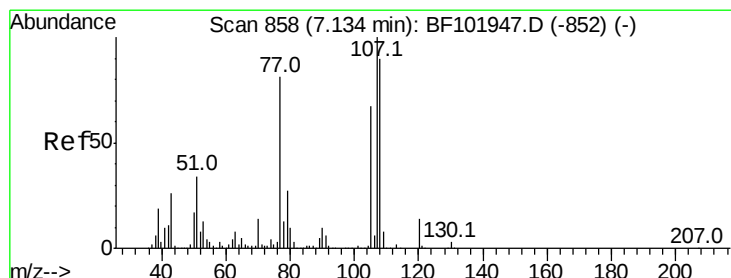
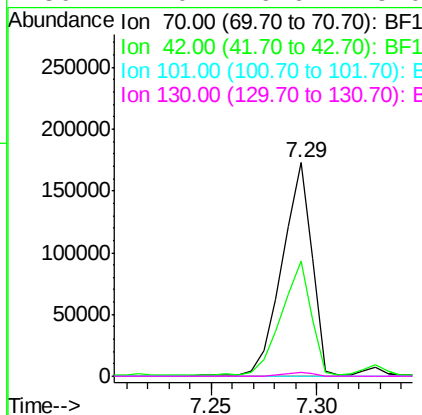




#19
n-Nitroso-di-n-propylamine
Concen: 12.038 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

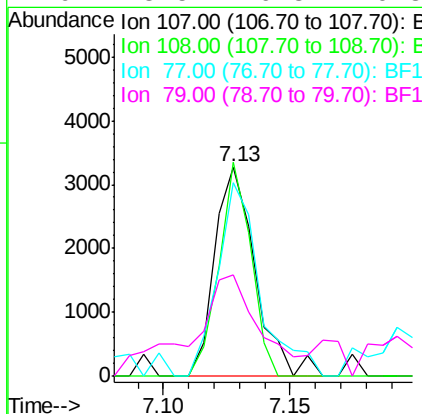
Instrument :
BNA_F
ClientSampleId :

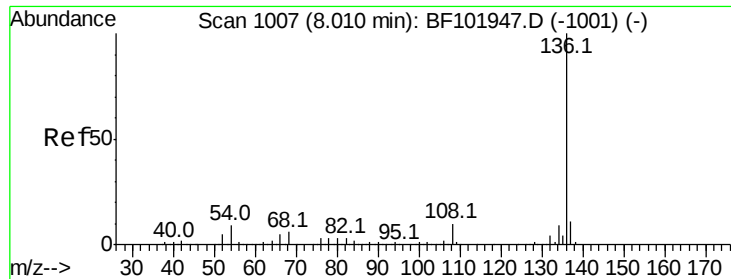
Tot Ion: 70 Resp: 169425
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.187 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:107 Resp: 3651
Ion Ratio Lower Upper
107 100
108 102.3 68.2 108.2
77 92.8 26.7 66.7#
79 48.5 6.3 46.3#

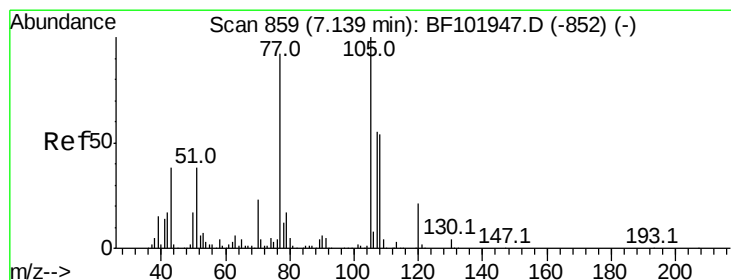
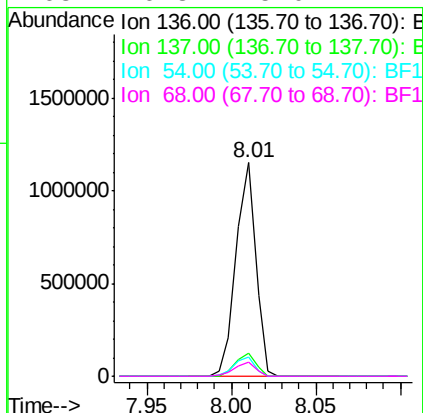
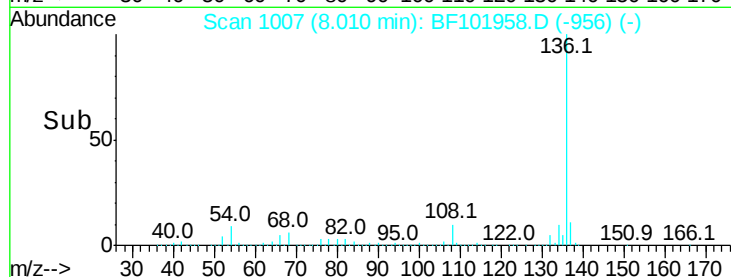
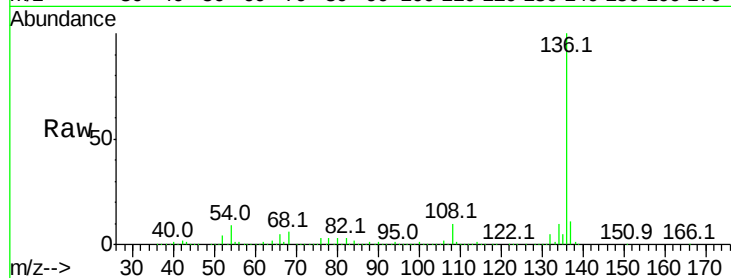




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

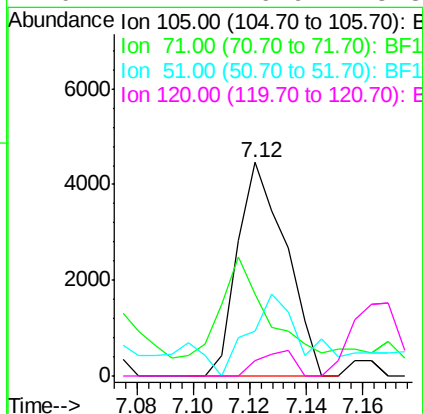
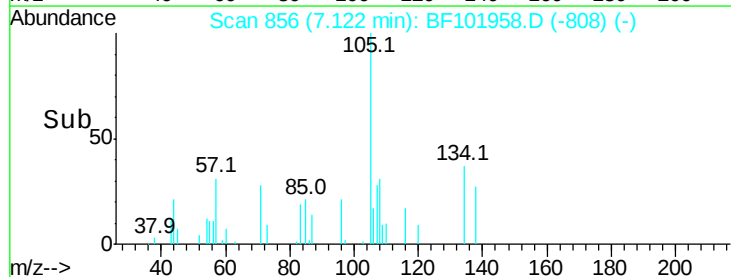
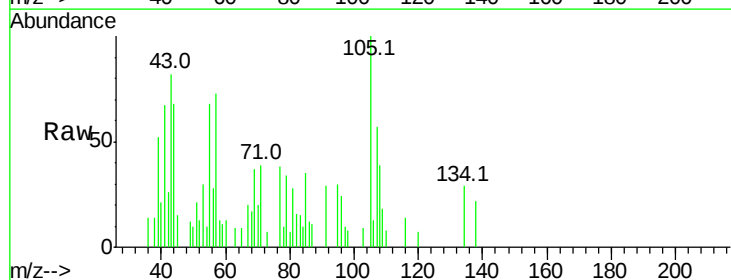
Instrument :
BNA_F
ClientSampleId :

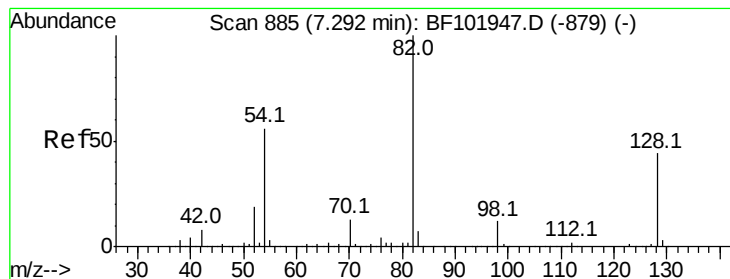
Tot Ion:	136	Resp:	939410
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4



#22
Acetophenone
Concen: 0.234 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:	105	Resp:	5298
Ion	Ratio	Lower	Upper
105	100		
71	38.6	4.4	6.6#
51	21.0	22.3	33.5#
120	7.1	16.9	25.3#





#23

Nitrobenzene-d5

Concen: 78.246 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

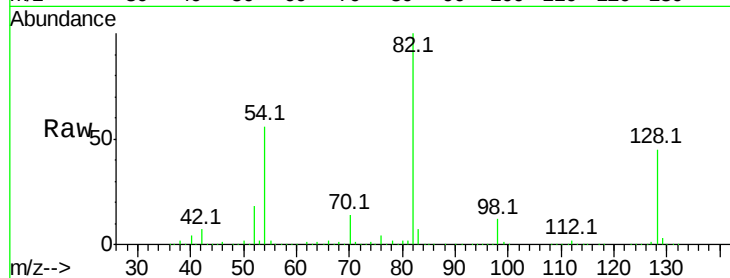
Tot Ion: 82 Resp: 1250849

Ion Ratio Lower Upper

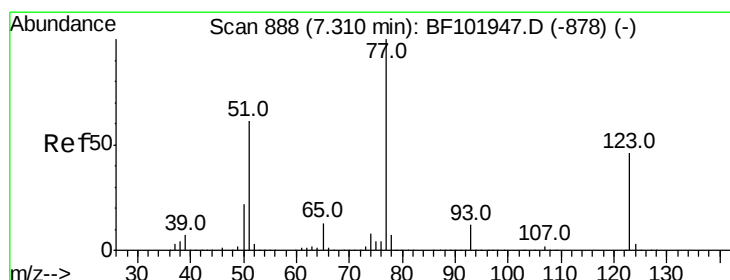
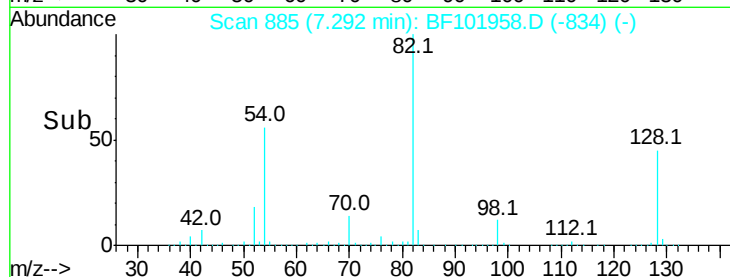
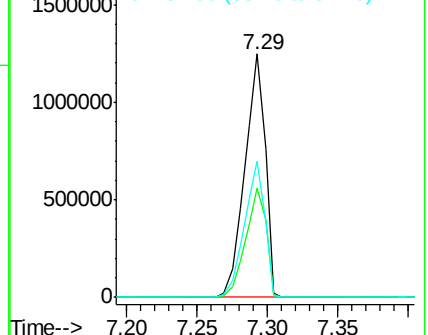
82 100

128 45.1 36.1 54.1

54 55.9 41.4 62.2



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



#24

Nitrobenzene

Concen: 0.311 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

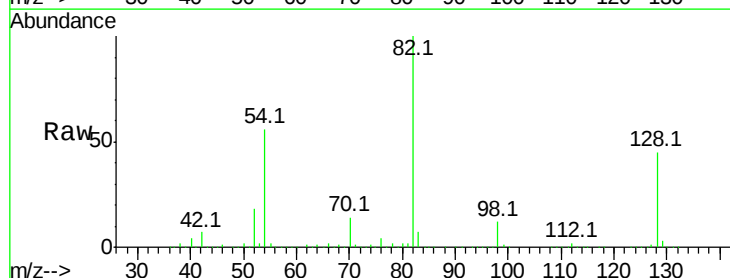
Tgt Ion: 77 Resp: 5344

Ion Ratio Lower Upper

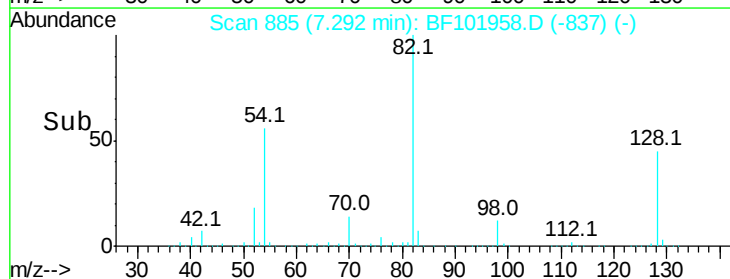
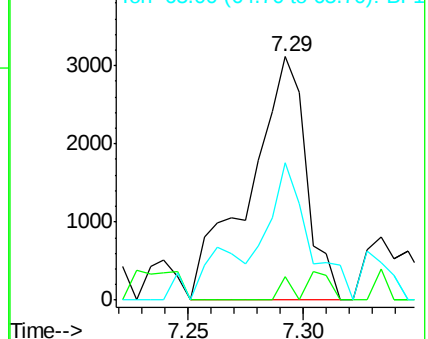
77 100

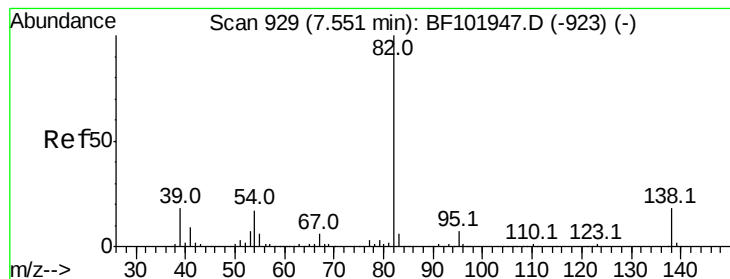
123 9.7 37.9 56.9#

65 56.4 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: 39.467 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

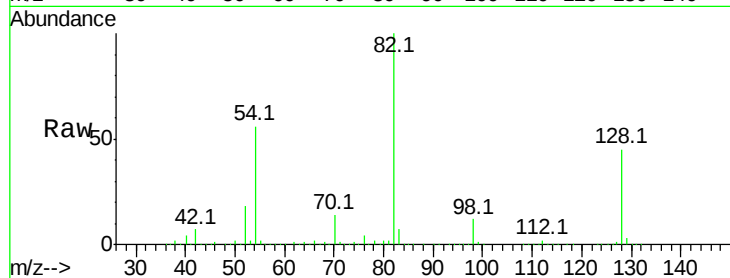
Tot Ion: 82 Resp: 1246654

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

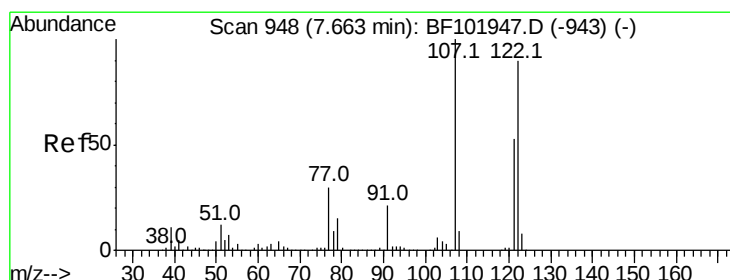
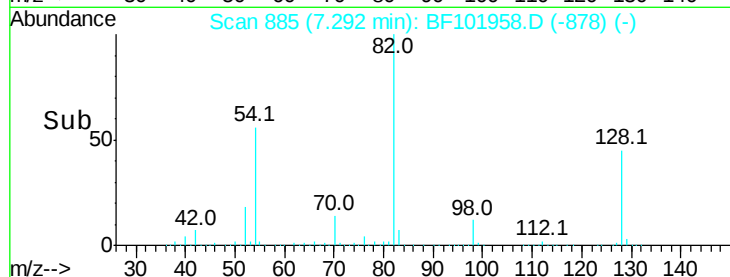
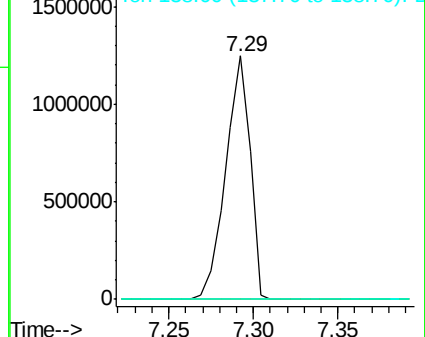
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.115 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

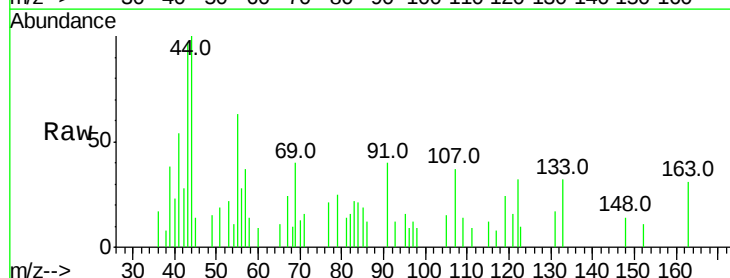
Tgt Ion:122 Resp: 1544

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

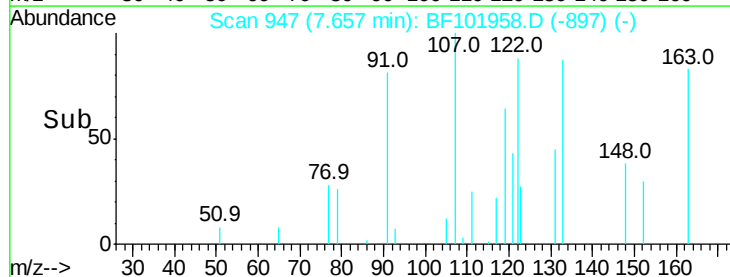
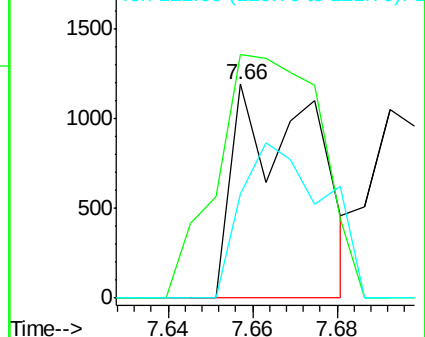
121 48.6 47.2 70.8

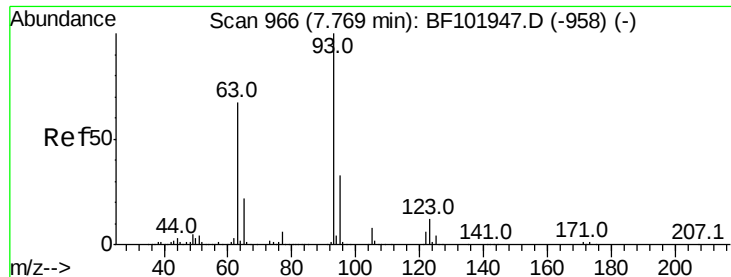


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.061 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

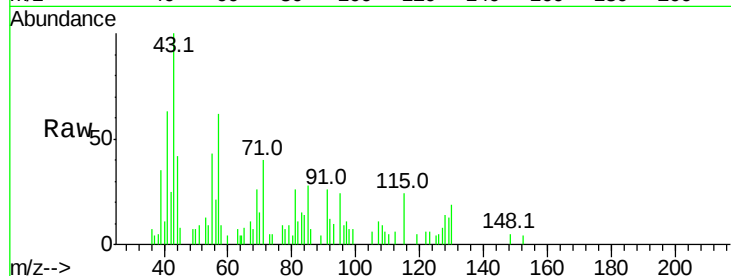
Tot Ion: 93 Resp: 1161

Ion Ratio Lower Upper

93 100

95 231.1 26.3 39.5#

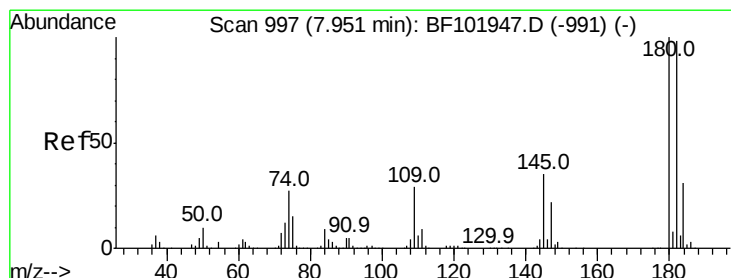
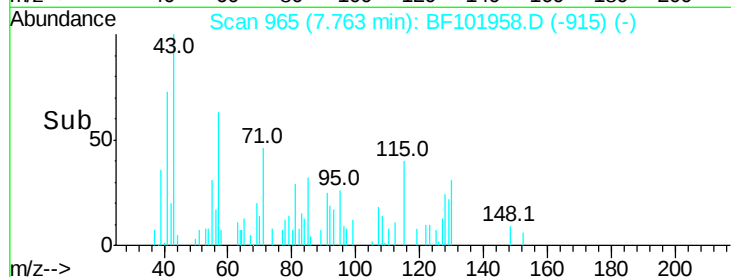
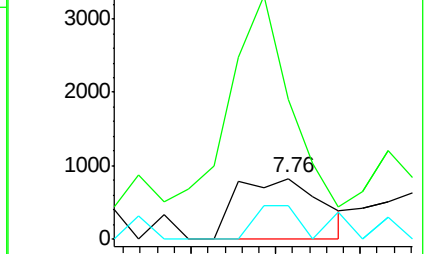
123 56.1 9.8 14.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 0.010 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

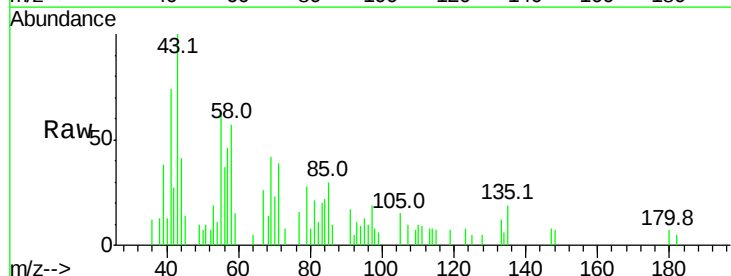
Tgt Ion:180 Resp: 133

Ion Ratio Lower Upper

180 100

182 80.9 76.8 115.2

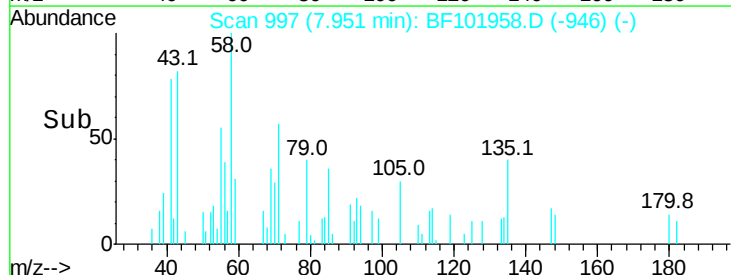
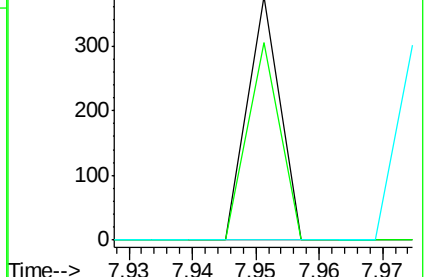
145 0.0 26.5 39.7#

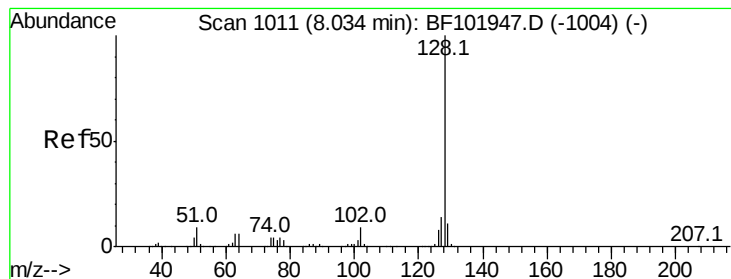


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.102 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

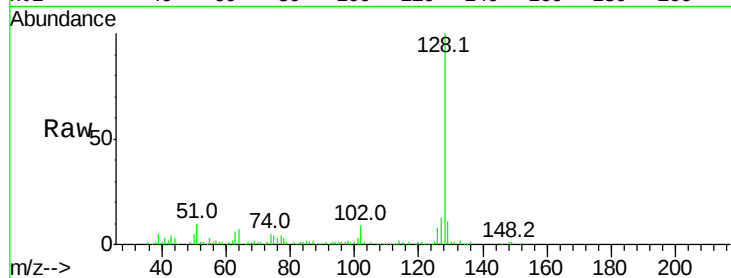
Tot Ion:128 Resp: 98672

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

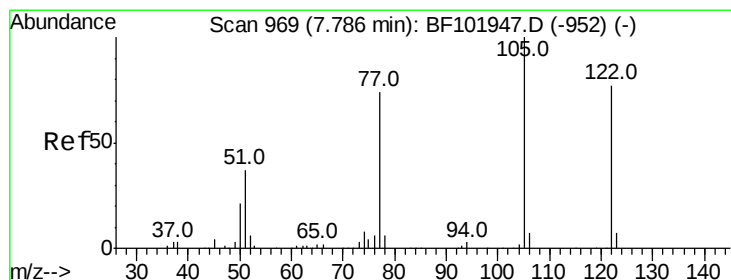
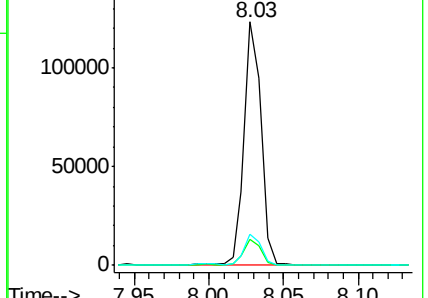
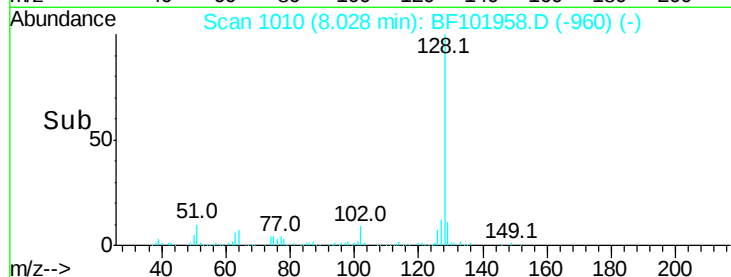
127 12.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.232 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

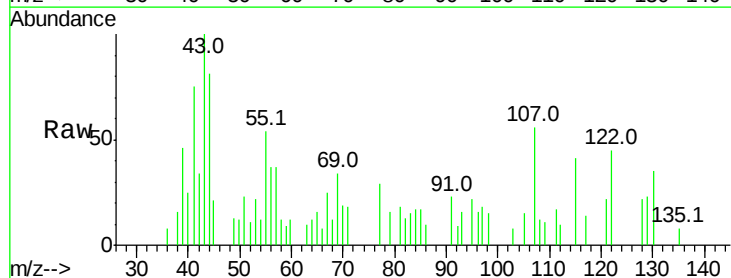
Tgt Ion:122 Resp: 2364

Ion Ratio Lower Upper

122 100

105 34.1 101.1 141.1#

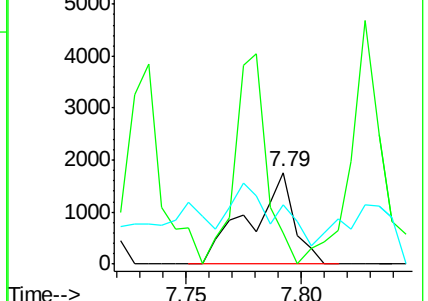
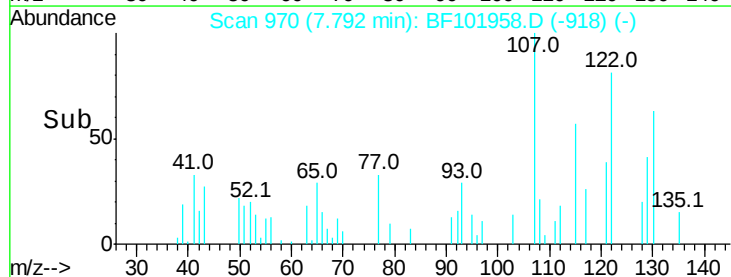
77 65.0 70.7 110.7#

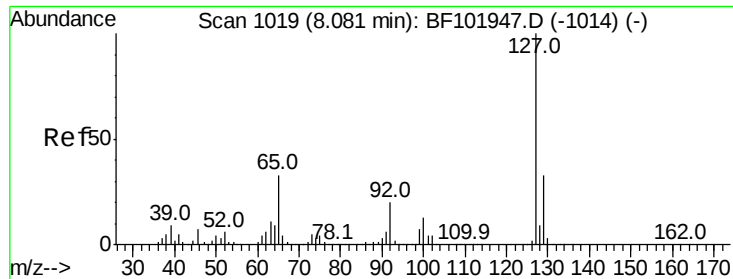


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

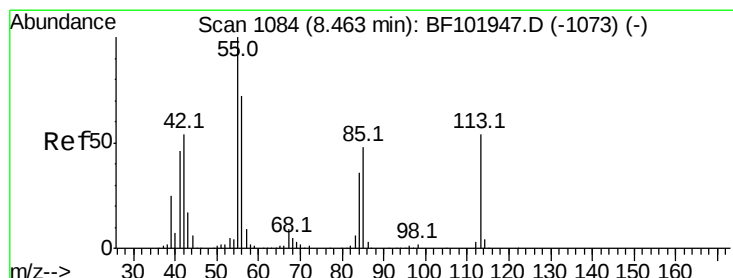
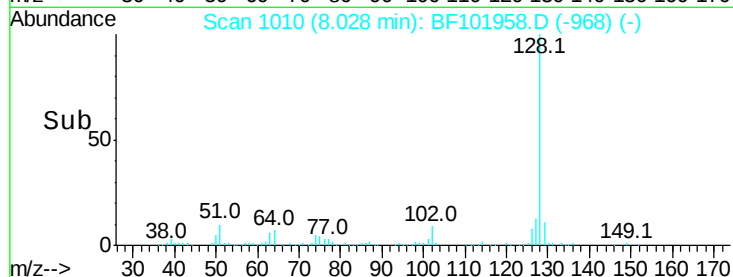
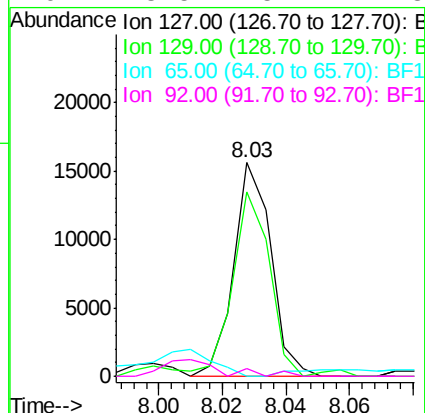
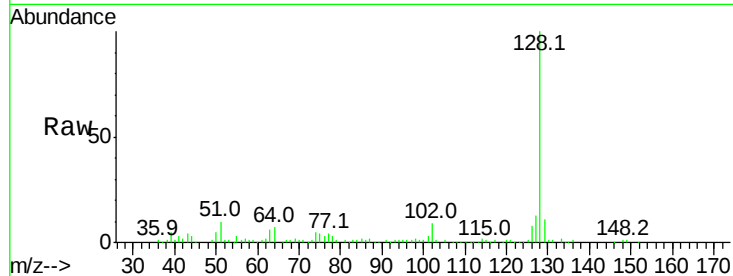




#33
4-Chloroaniline
Concen: 0.629 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

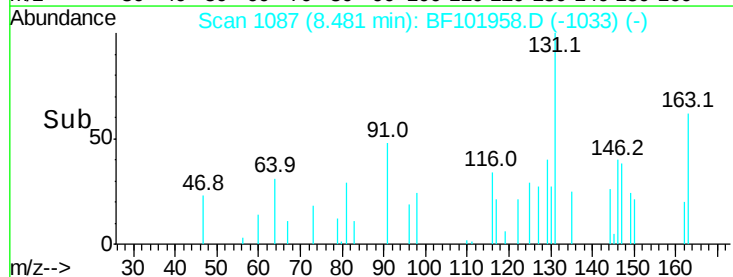
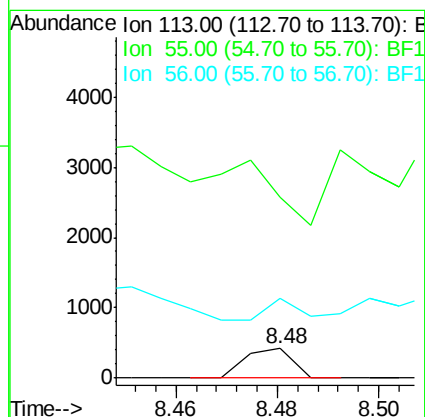
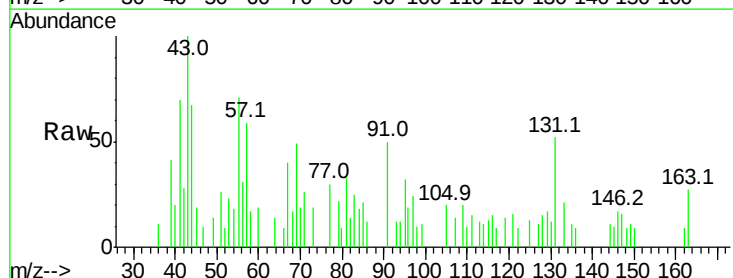
Instrument :
BNA_F
ClientSampled :

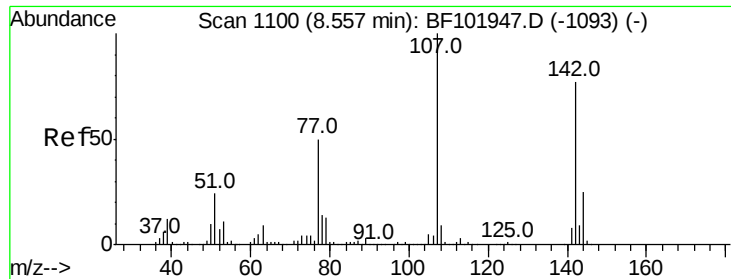
Tot Ion:	127	Resp:	12605
Ion	Ratio	Lower	Upper
127	100		
129	86.2	25.9	38.9#
65	0.0	25.0	37.4#
92	3.5	15.2	22.8#



#35
Caprolactam
Concen: 0.063 ng
RT: 8.48 min Scan# 1087
Delta R.T. 0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:	113	Resp:	275
Ion	Ratio	Lower	Upper
113	100		
55	608.1	163.3	203.3#
56	267.8	115.7	155.7#

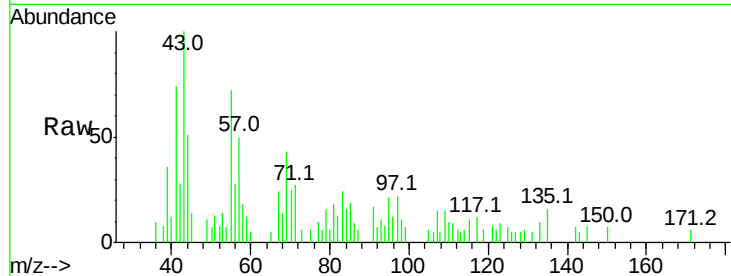




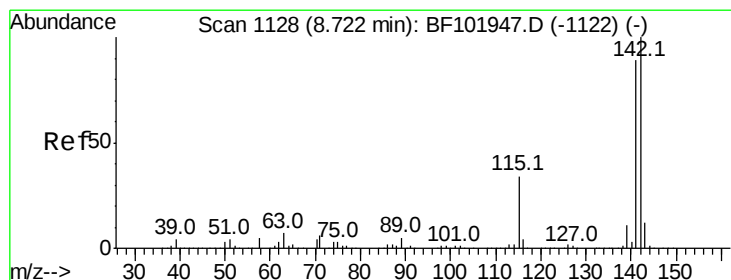
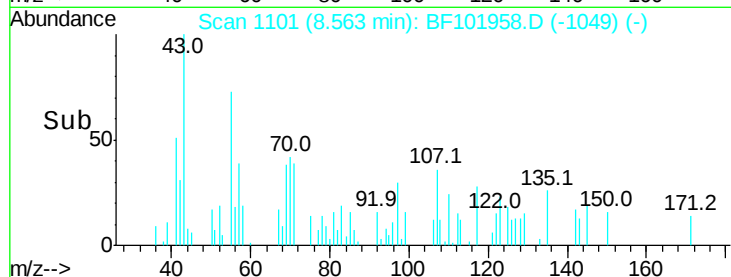
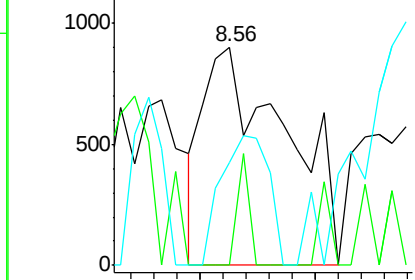
#36
4-Chloro-3-methylphenol
Concen: 0.160 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 2240
Ion Ratio Lower Upper
107 100
144 0.0 20.5 30.7#
142 46.9 62.0 93.0#

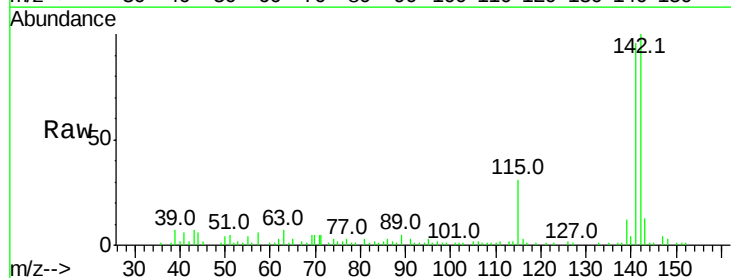


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

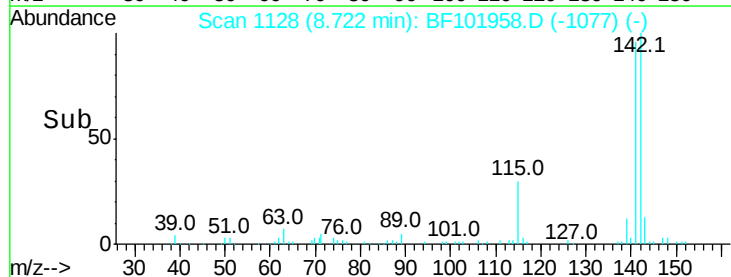
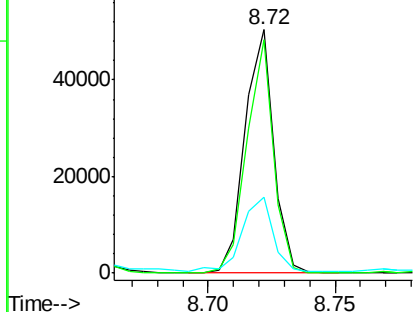


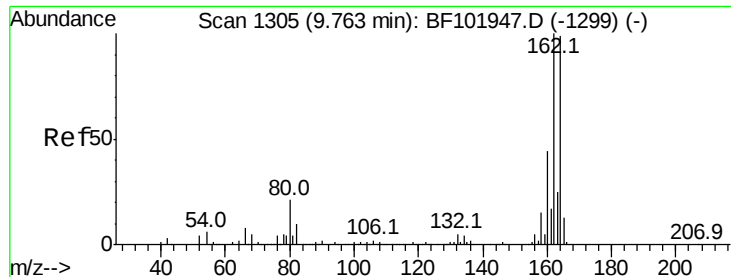
#37
2-Methylnaphthalene
Concen: 1.285 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:142 Resp: 39715
Ion Ratio Lower Upper
142 100
141 95.6 70.8 106.2
115 31.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

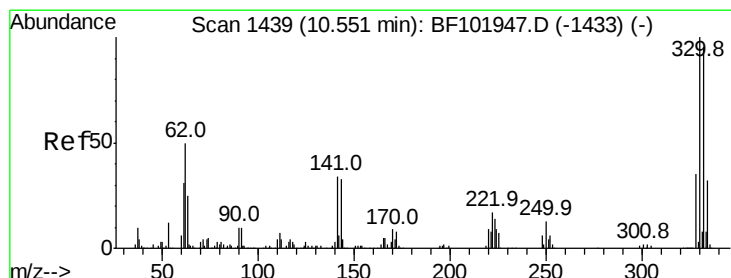
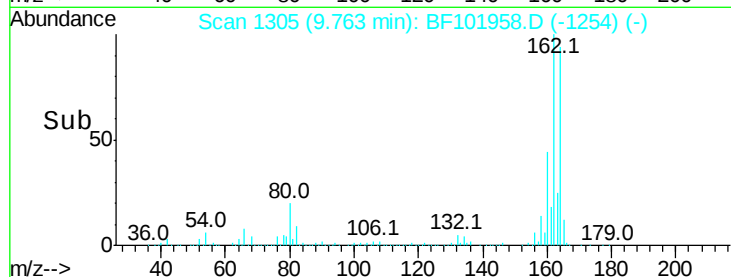
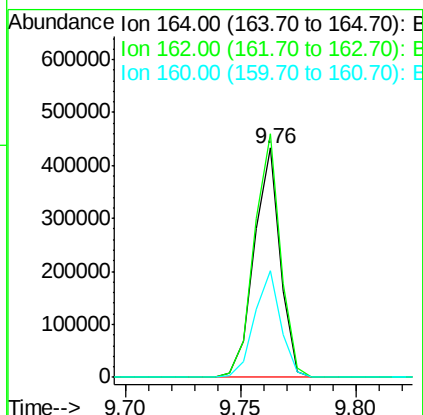
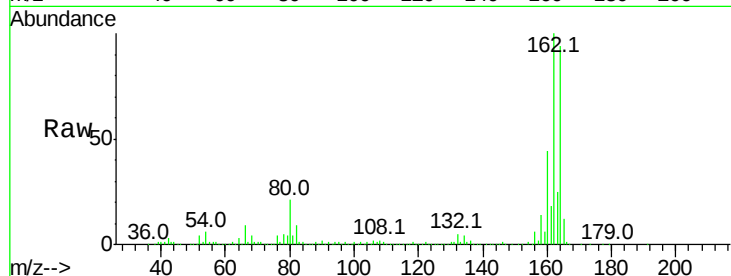




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

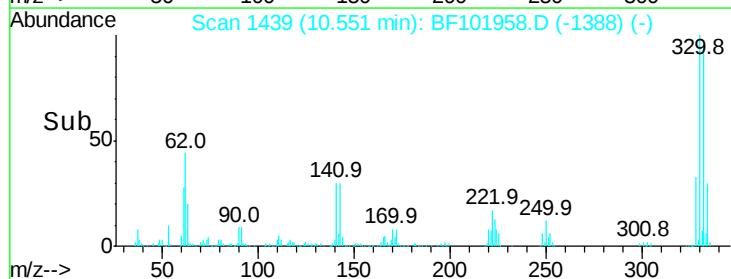
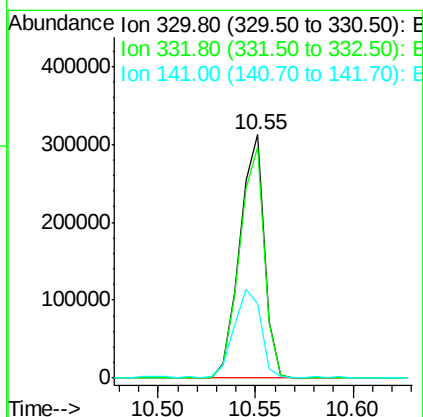
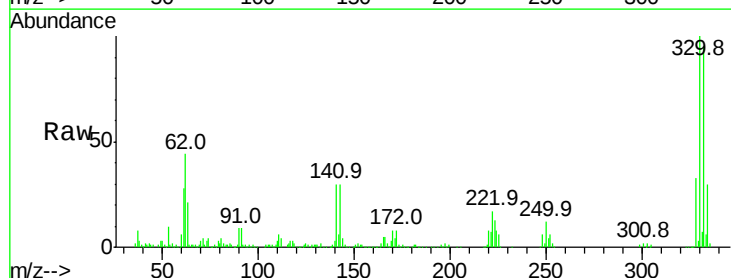
Instrument :
 BNA_F
 ClientSampleId :

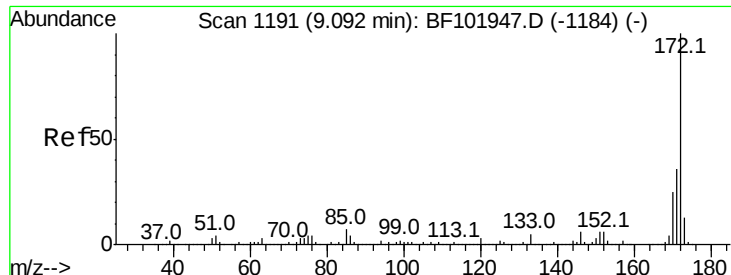
Tot Ion:164 Resp: 339731
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.033 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

Tgt Ion:330 Resp: 272859
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 39.3 29.9 44.9

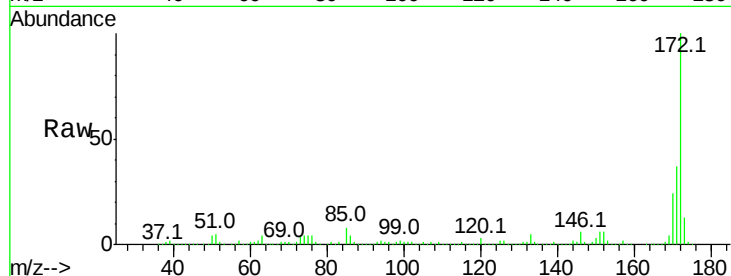




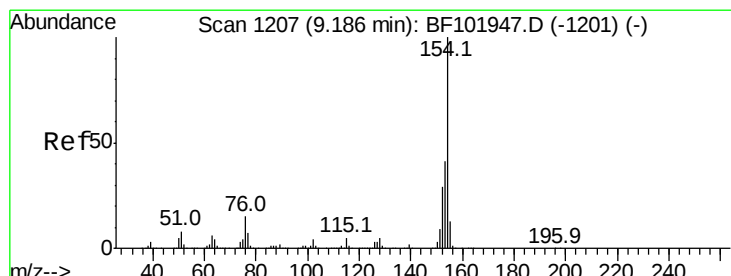
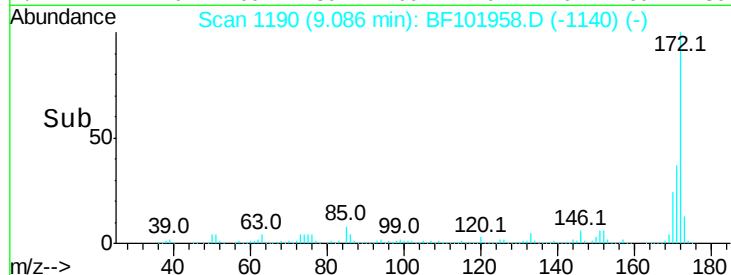
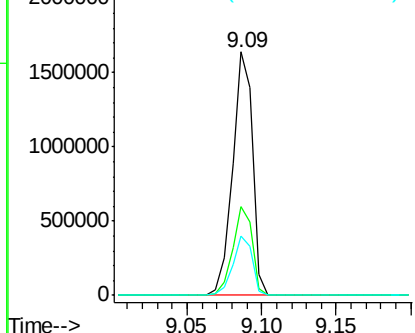
#44
2-Fluorobiphenyl
Concen: 71.037 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1544776
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

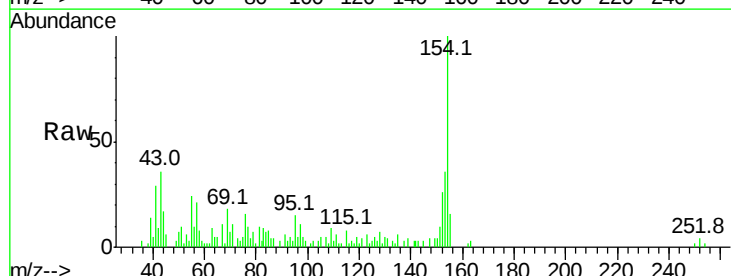


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

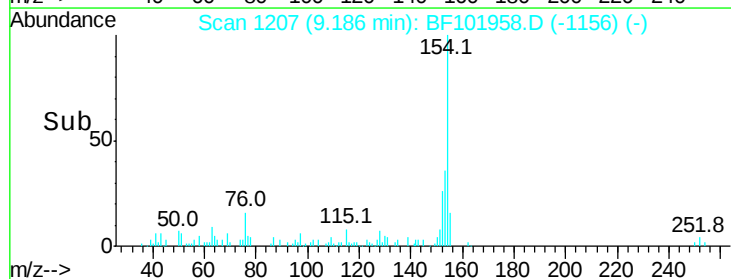
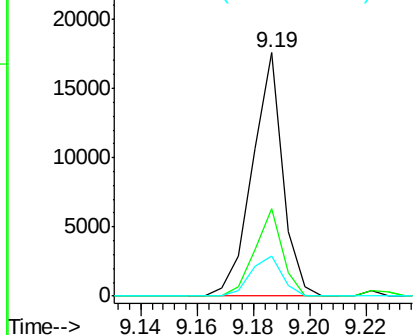


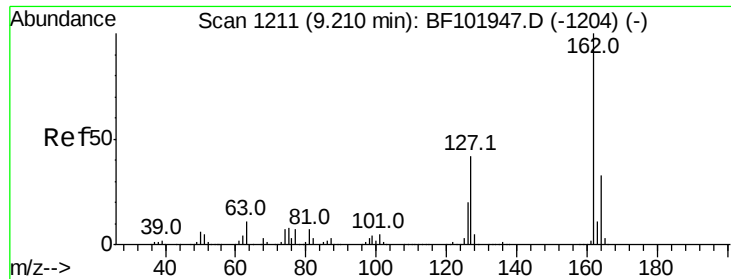
#45
1,1'-Biphenyl
Concen: 0.436 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:154 Resp: 13104
Ion Ratio Lower Upper
154 100
153 35.9 21.3 61.3
76 16.5 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

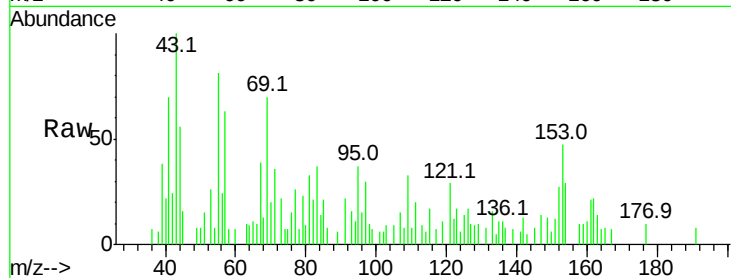




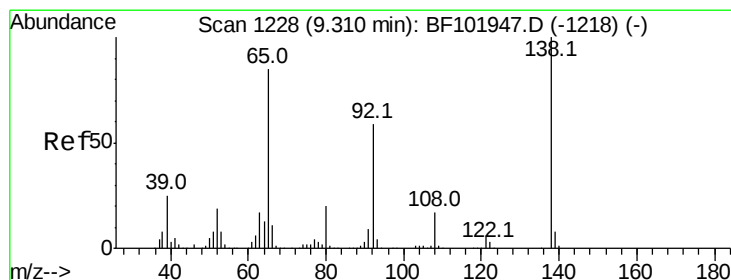
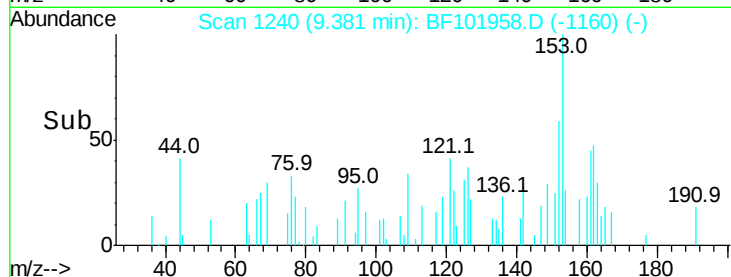
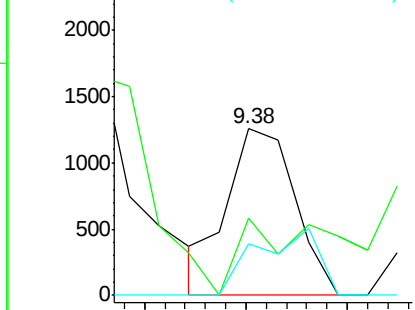
#46
2-Chloronaphthalene
Concen: 0.050 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.17 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1166
Ion Ratio Lower Upper
162 100
127 46.4 33.9 50.9
164 30.7 26.5 39.7

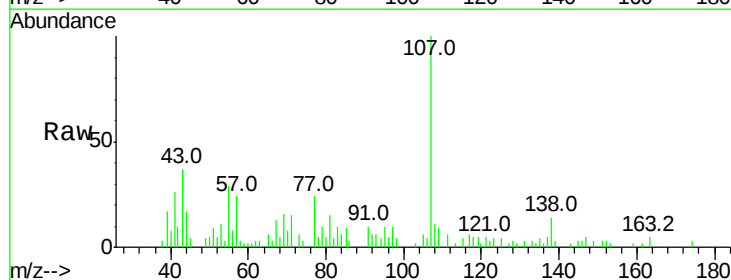


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

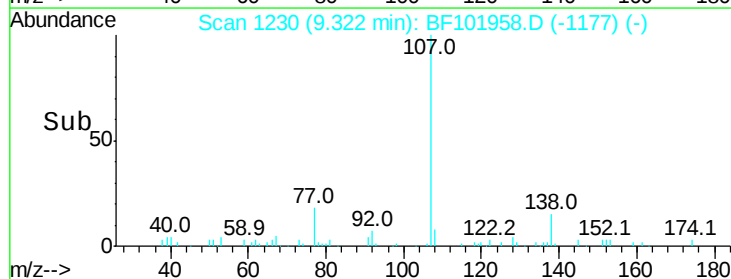
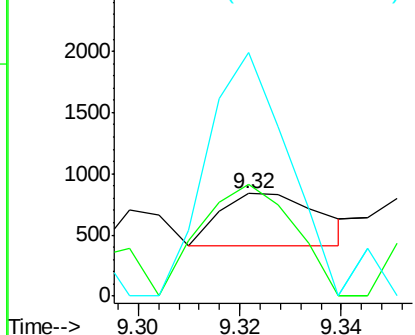


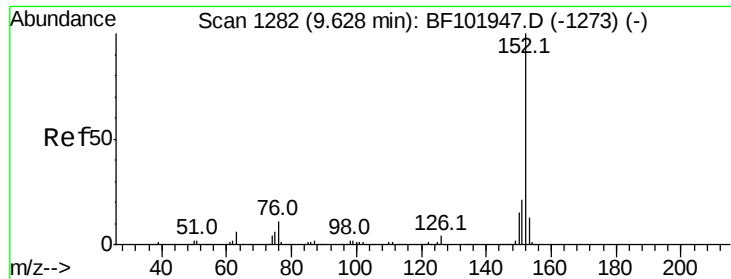
#47
2-Nitroaniline
Concen: 0.084 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion: 65 Resp: 587
Ion Ratio Lower Upper
65 100
92 109.3 55.8 83.6#
138 238.0 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): E





#48

Acenaphthylene

Concen: 3.964 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

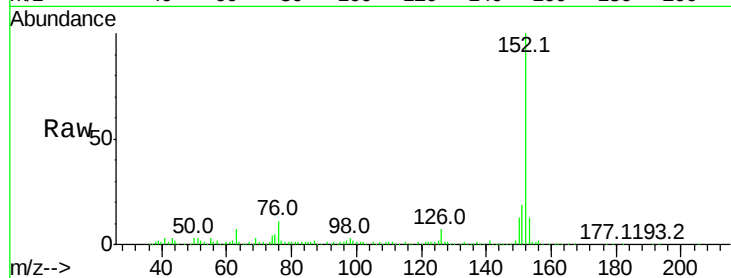
Tot Ion:152 Resp: 146482

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

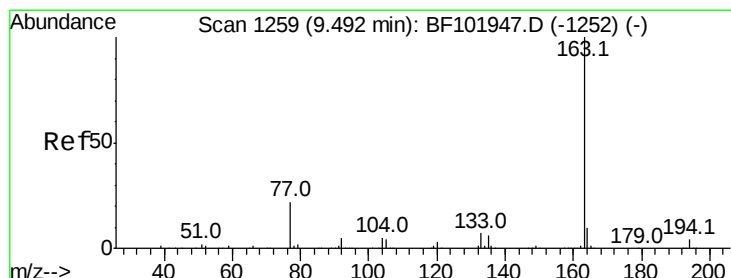
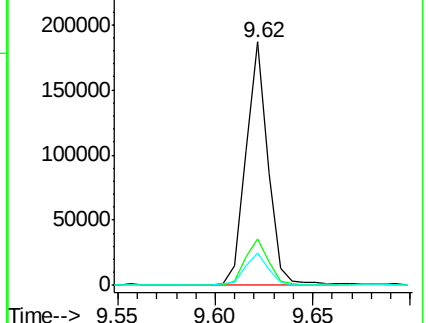
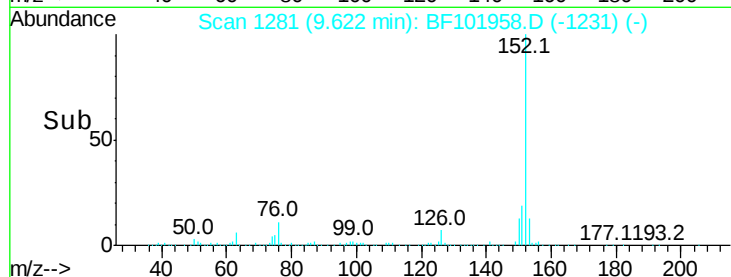
153 13.1 10.7 16.1



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: 6.472 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

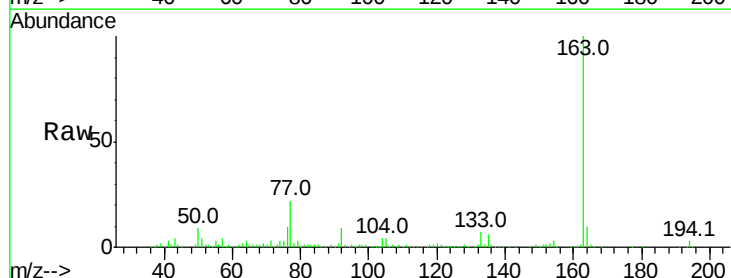
Tgt Ion:163 Resp: 176379

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

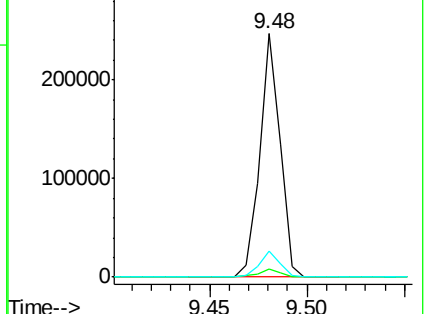
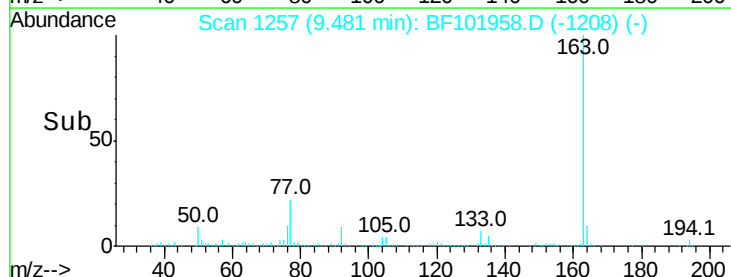
164 10.5 8.2 12.2

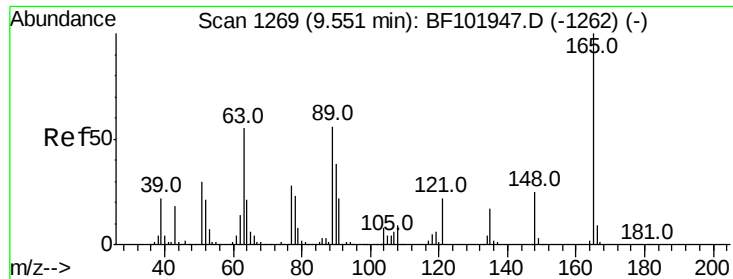


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

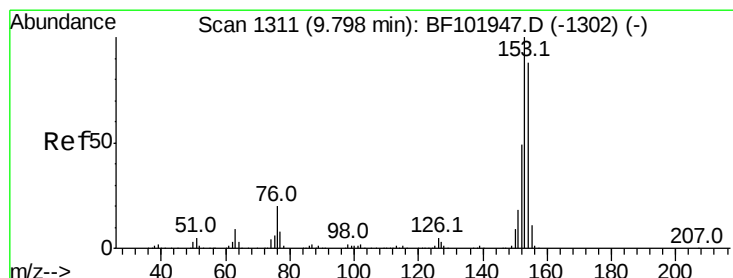
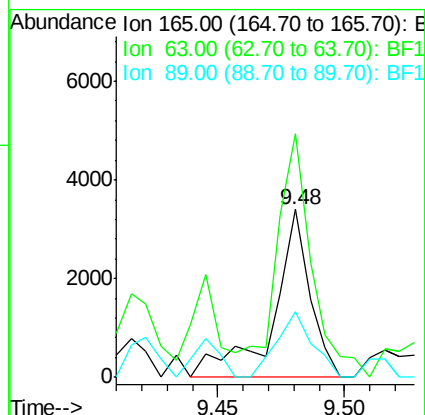
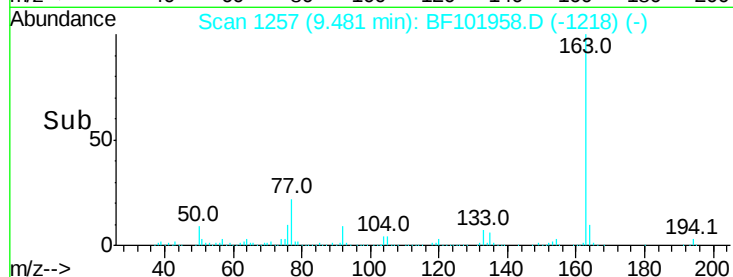
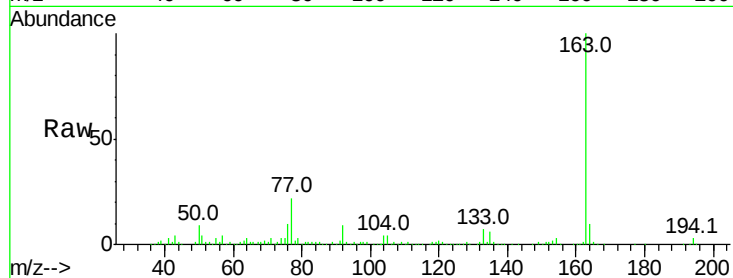




#50
2,6-Dinitrotoluene
Concen: 0.626 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

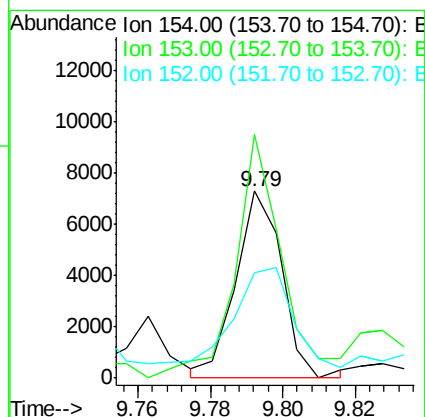
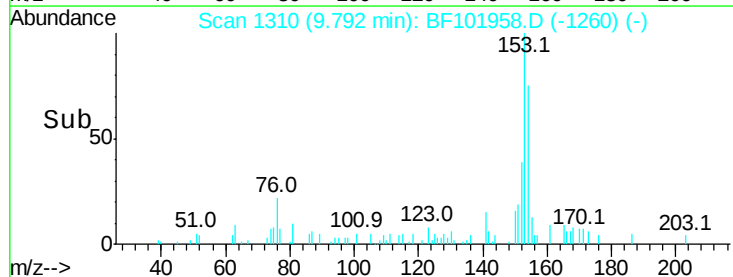
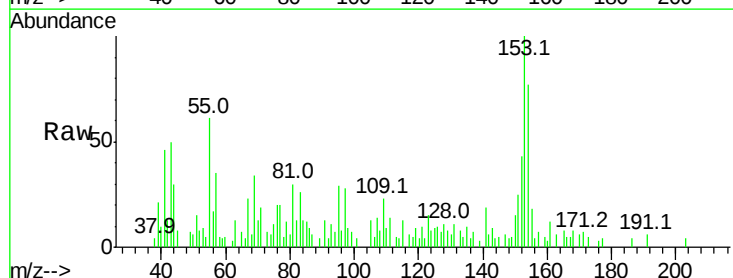
Instrument :
BNA_F
ClientSampleId :

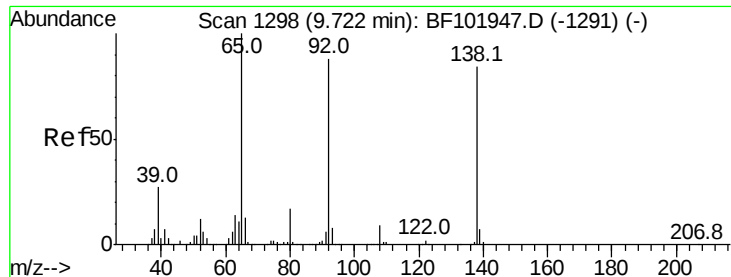
Tot Ion:165 Resp: 3410
Ion Ratio Lower Upper
165 100
63 145.3 44.7 67.1#
89 39.1 44.0 66.0#



#51
Acenaphthene
Concen: 0.291 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:154 Resp: 6518
Ion Ratio Lower Upper
154 100
153 130.0 91.2 136.8
152 56.1 43.8 65.8





#52

3-Nitroaniline

Concen: 0.121 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

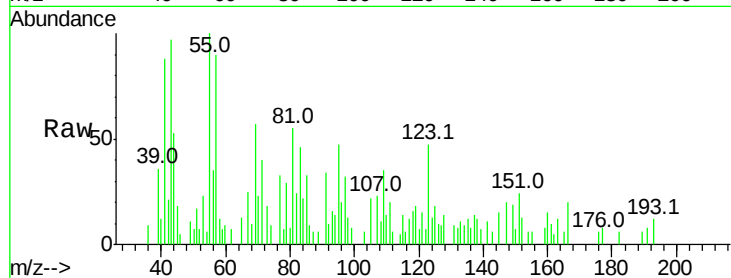
Tot Ion:138 Resp: 829

Ion Ratio Lower Upper

138 100

108 86.4 9.4 14.0#

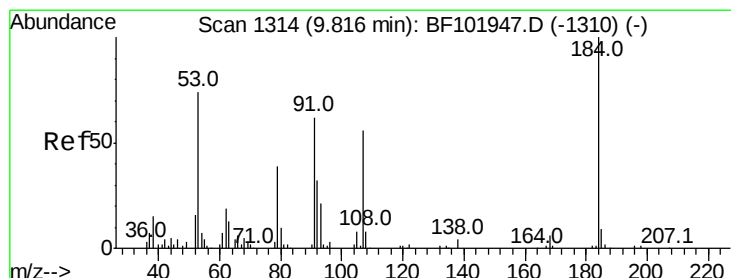
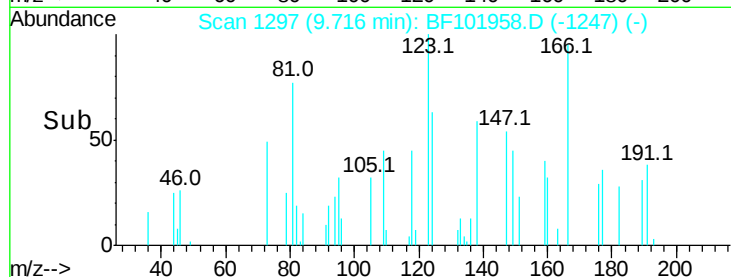
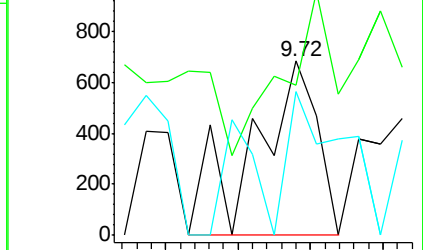
92 82.6 89.4 134.2#



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: 8.858 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.24 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

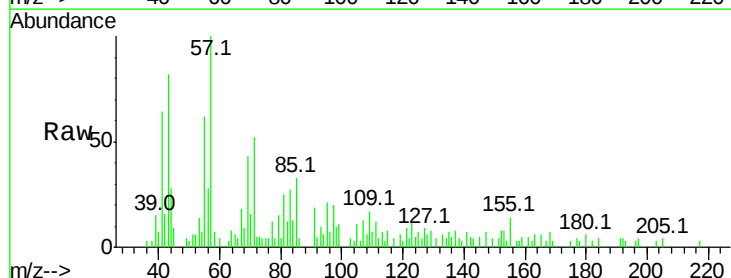
Tgt Ion:184 Resp: 467

Ion Ratio Lower Upper

184 100

63 72.5 54.2 81.2

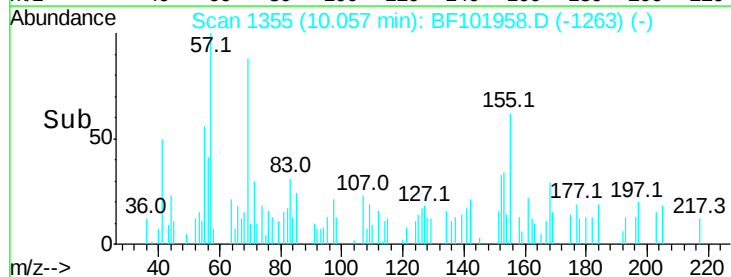
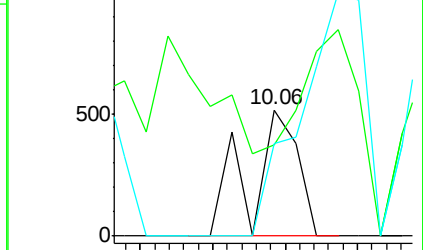
154 73.1 184.0 276.0#

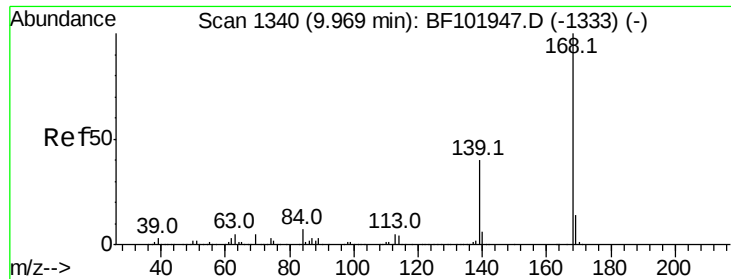


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 0.524 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

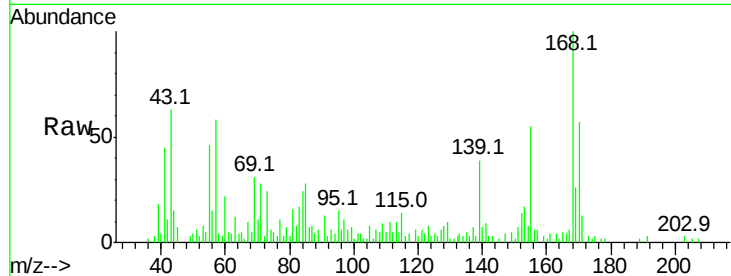
Tot Ion:168 Resp: 16139

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

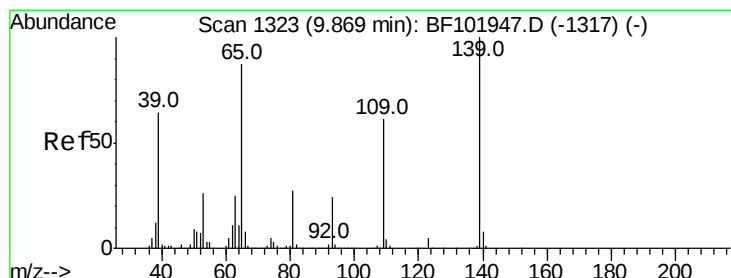
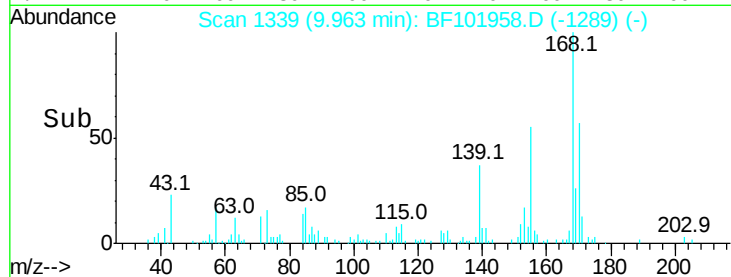
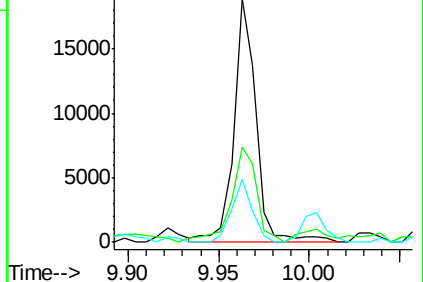
169 25.7 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.398 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

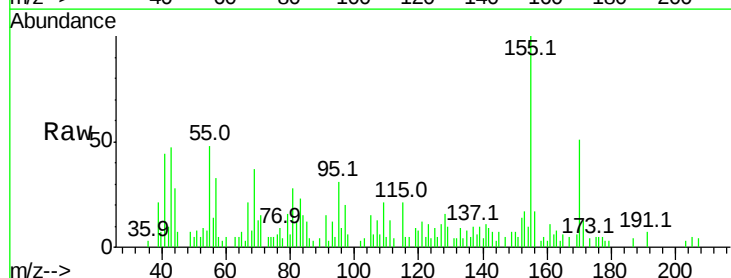
Tgt Ion:139 Resp: 2038

Ion Ratio Lower Upper

139 100

109 206.0 48.4 88.4#

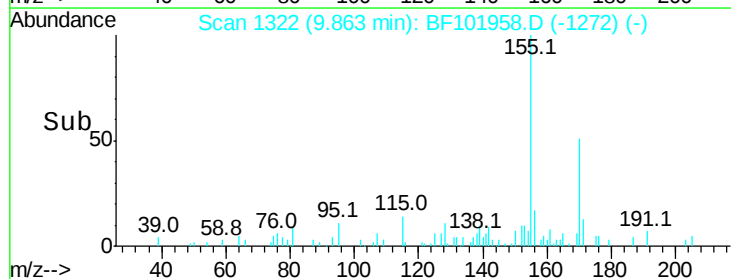
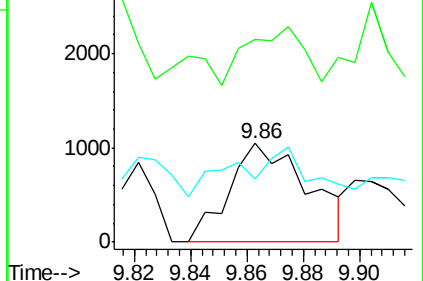
65 64.6 72.6 112.6#

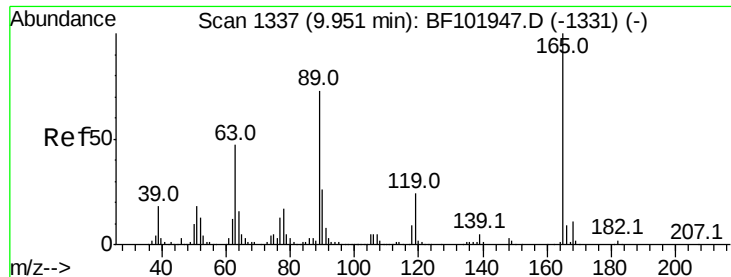


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

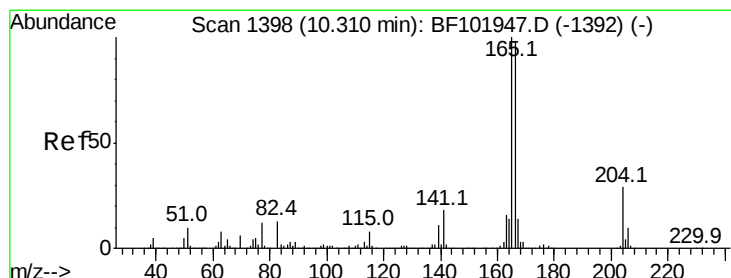
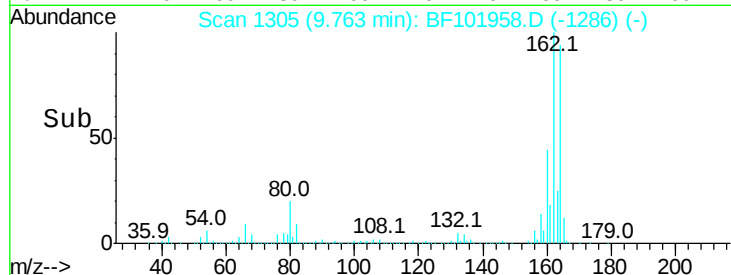
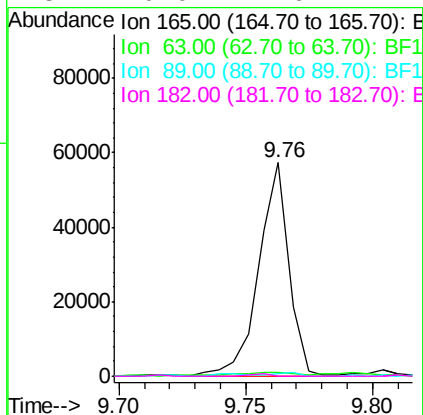
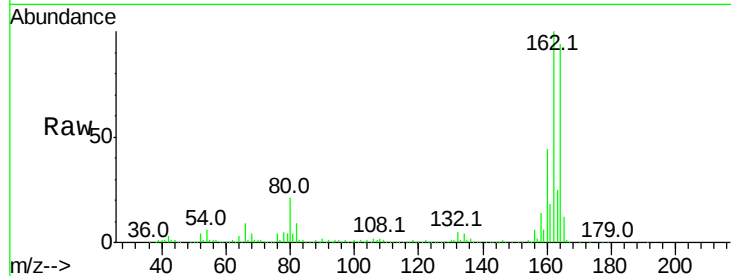




#56
2,4-Dinitrotoluene
Concen: 7.005 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

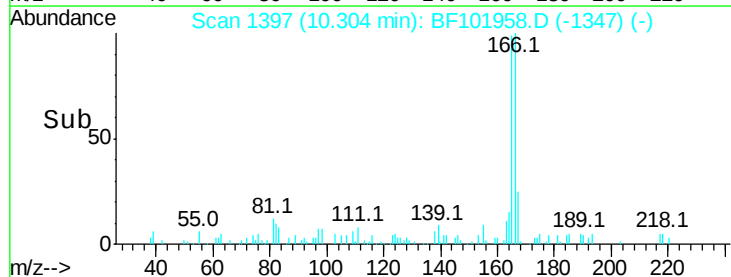
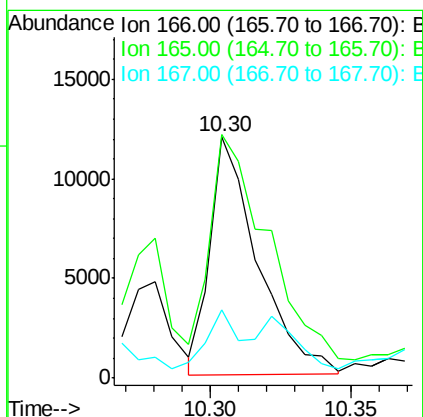
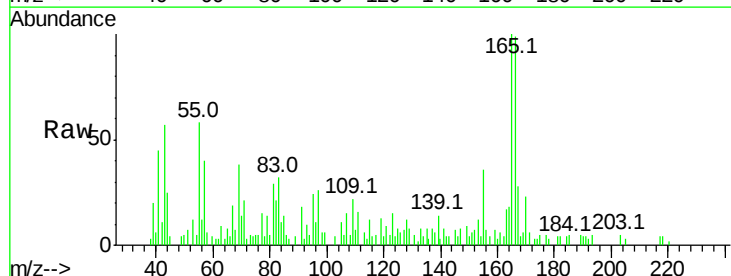
Instrument :
BNA_F
ClientSampleId :

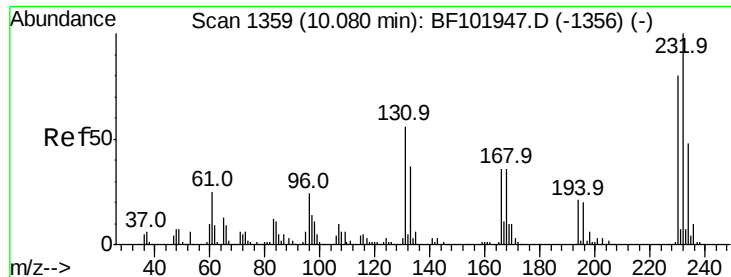
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#57
Fluorene
Concen: 0.657 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	28.2	10.6	16.0#

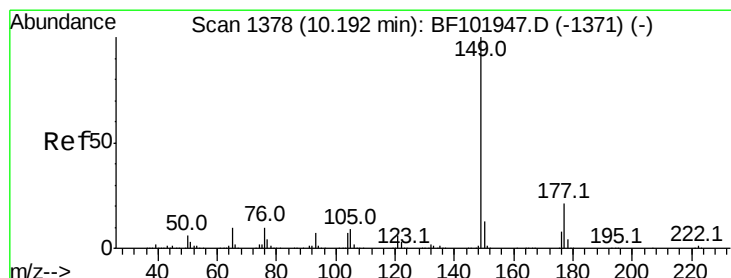
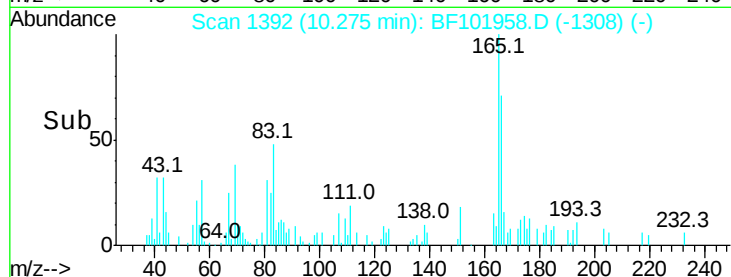
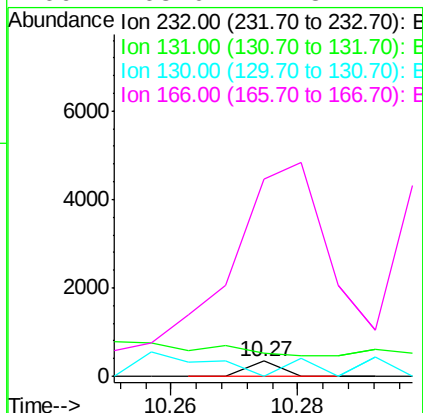
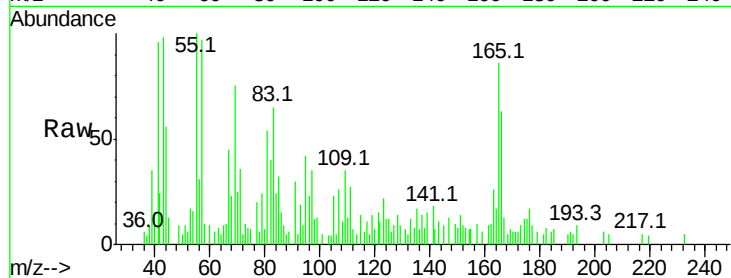




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.023 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.19 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

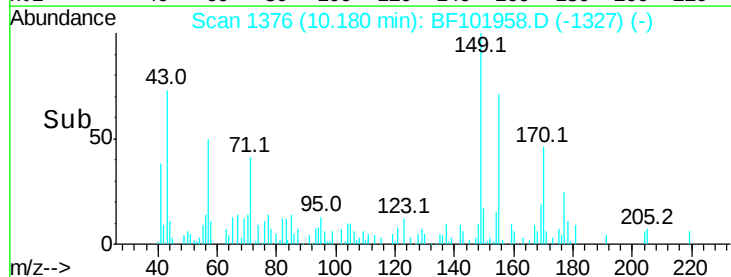
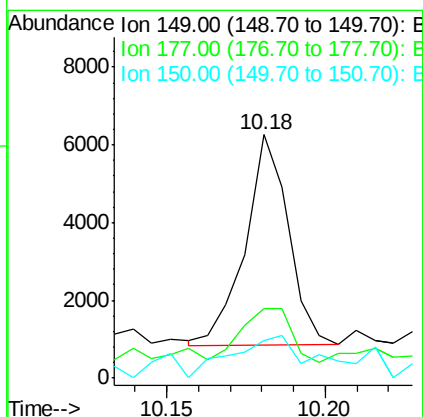
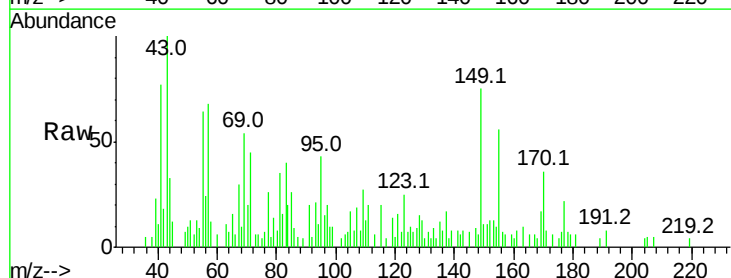
Instrument :
 BNA_F
 ClientSampleId :

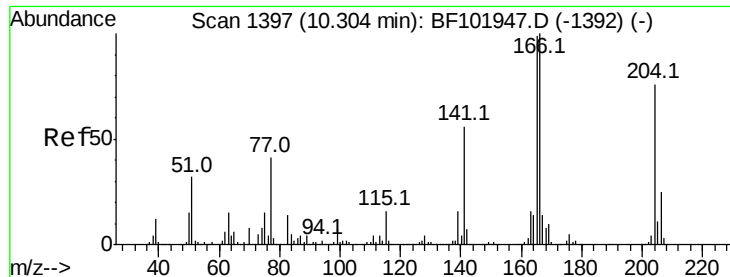
Tot Ion:232 Resp: 122
 Ion Ratio Lower Upper
 232 100
 131 0.0 43.8 65.8#
 130 237.7 2.1 3.1#
 166 4468.0 27.8 41.6#



#59
 Diethylphthalate
 Concen: 0.188 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

Tgt Ion:149 Resp: 5110
 Ion Ratio Lower Upper
 149 100
 177 28.7 16.1 24.1#
 150 15.2 10.1 15.1#

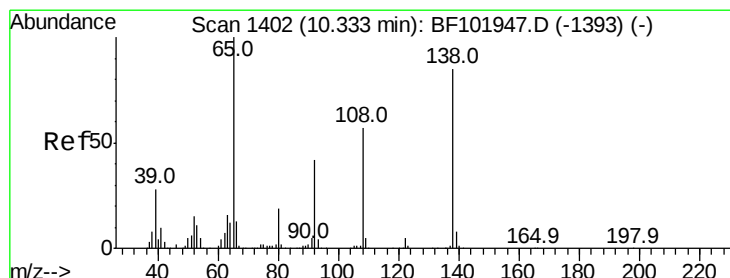
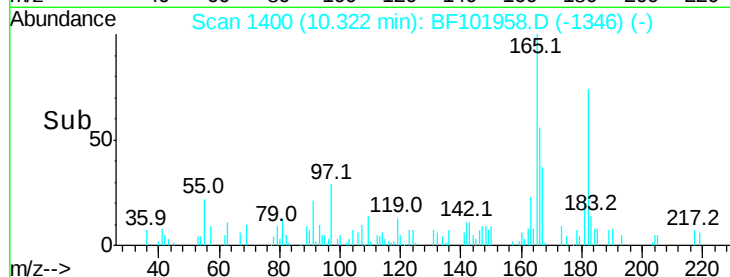
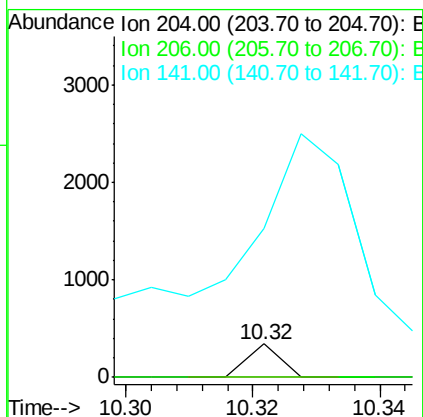
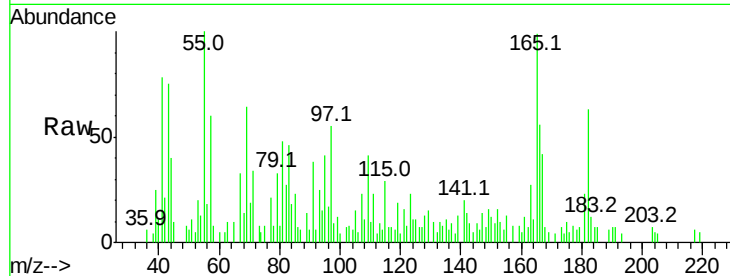




#60
 4-Chlorophenyl-phenylether
 Concen: 0.013 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

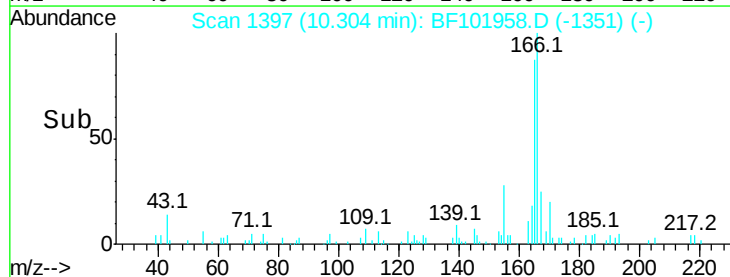
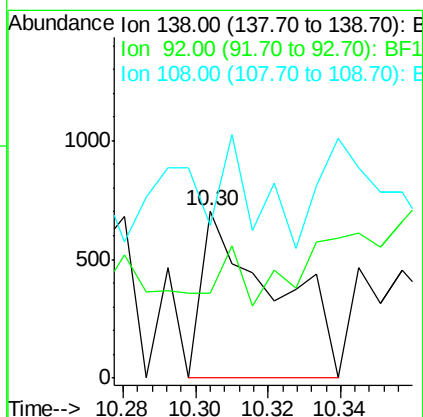
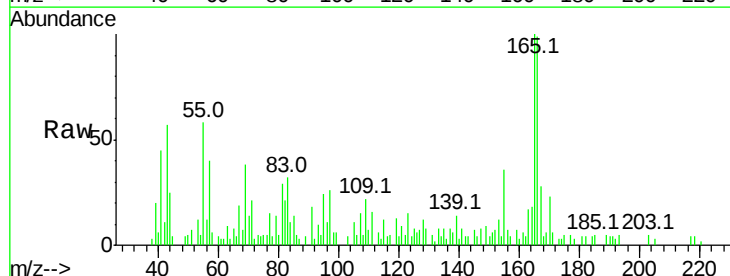
Instrument :
 BNA_F
 ClientSampleId :

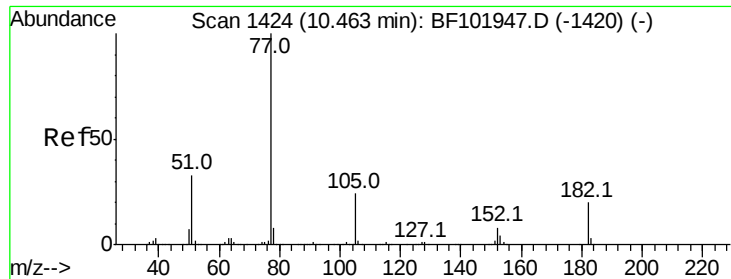
Tot Ion:204 Resp: 120
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.5 39.7#
 141 449.7 54.6 81.8#



#61
 4-Nitroaniline
 Concen: 0.150 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.03 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

Tgt Ion:138 Resp: 976
 Ion Ratio Lower Upper
 138 100
 92 50.9 30.2 70.2
 108 91.7 52.5 92.5





#62

Azobenzene

Concen: 0.030 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 810

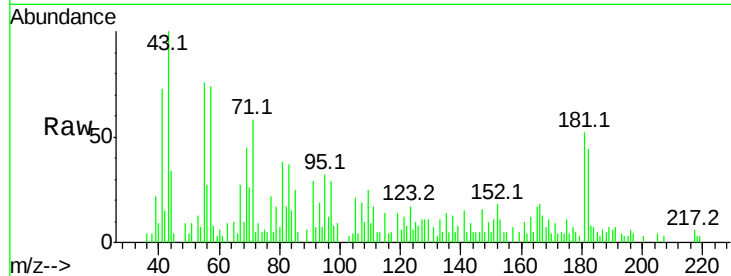
Ion Ratio Lower Upper

77 100

182 202.9 1.7 41.7#

105 96.2 3.0 43.0#

51 39.9 9.9 49.9

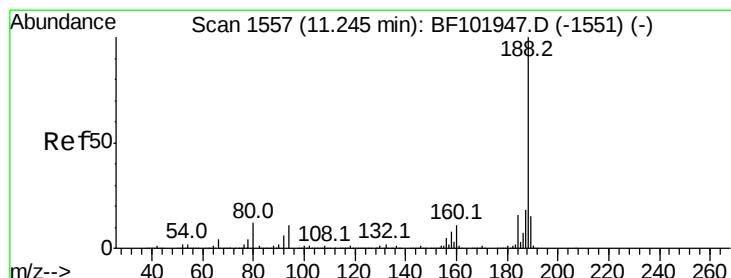
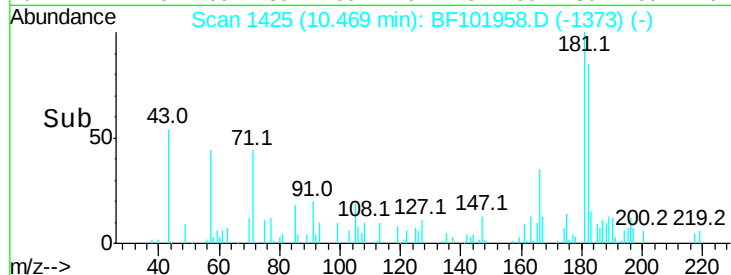
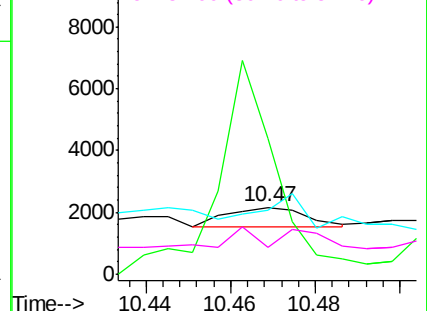


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

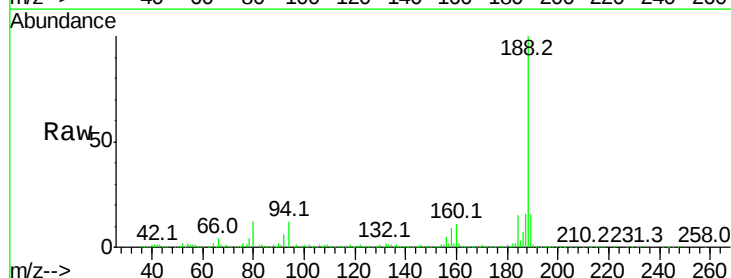
Tgt Ion: 188 Resp: 518930

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

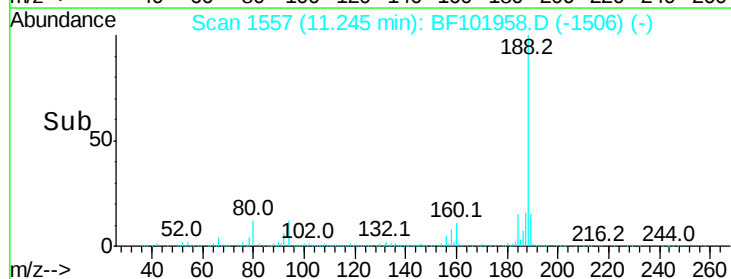
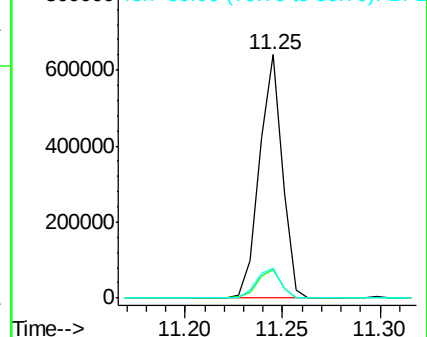
80 12.3 9.2 13.8

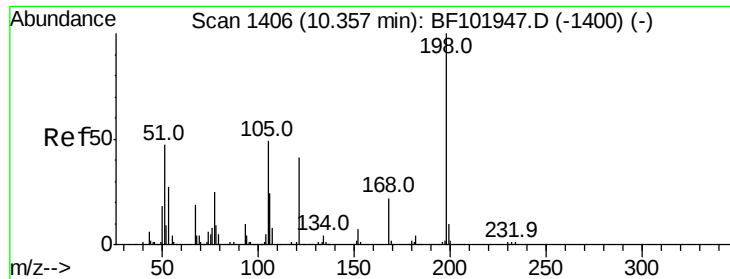


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

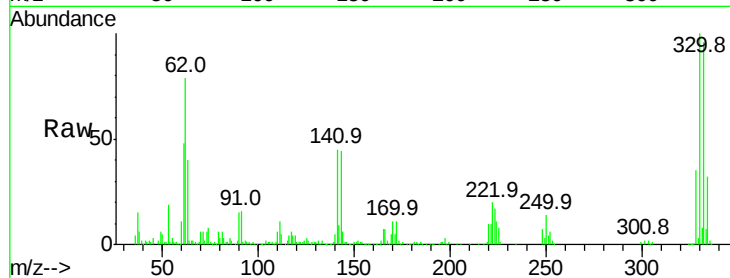




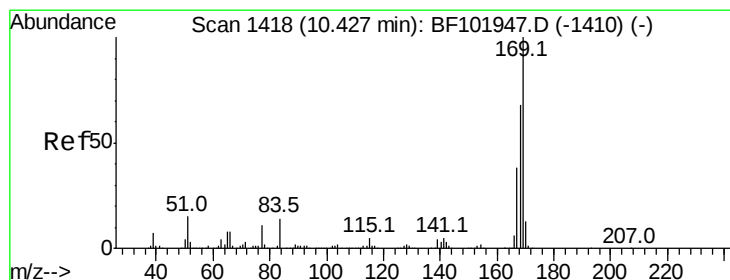
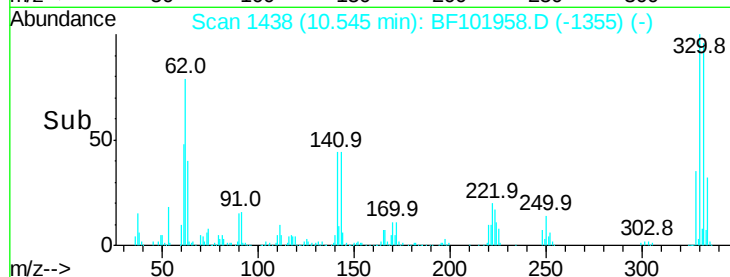
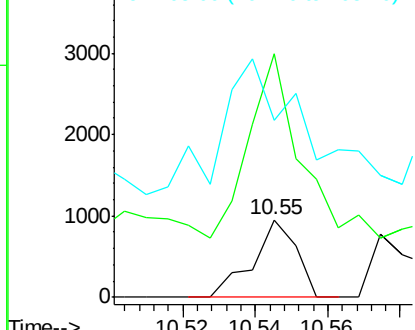
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.908 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.19 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 787
 Ion Ratio Lower Upper
 198 100
 51 313.4 37.7 77.7#
 105 227.3 36.3 76.3#

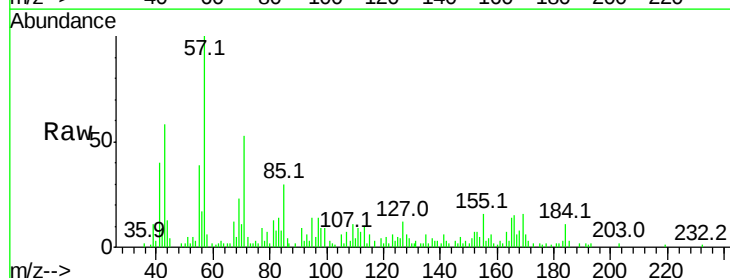


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

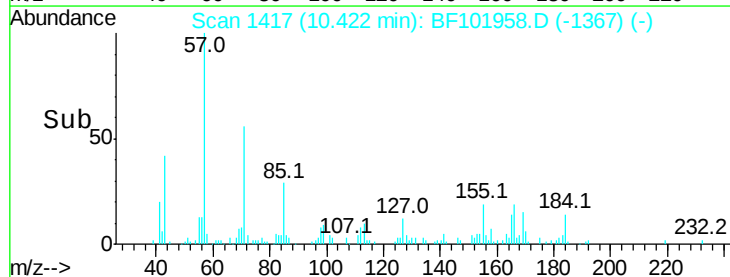
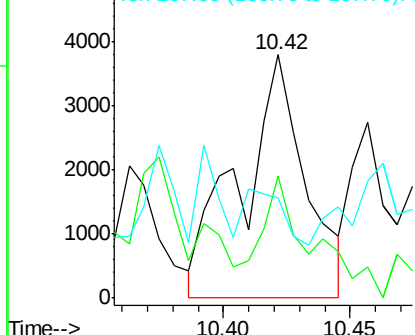


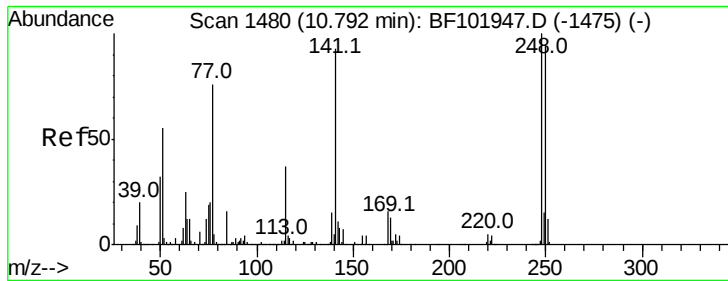
#65
 n-Nitrosodiphenylamine
 Concen: 0.348 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF101958.D
 Acq: 9 Jan 2018 17:56

Tgt Ion:169 Resp: 6768
 Ion Ratio Lower Upper
 169 100
 168 50.3 54.4 81.6#
 167 41.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

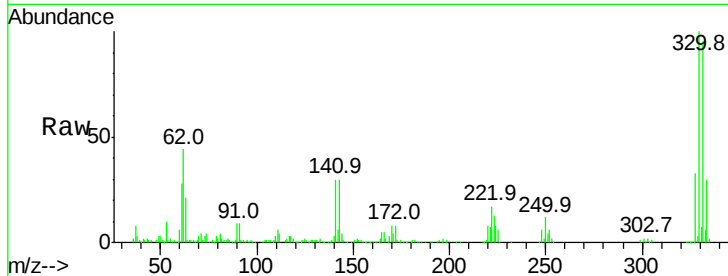




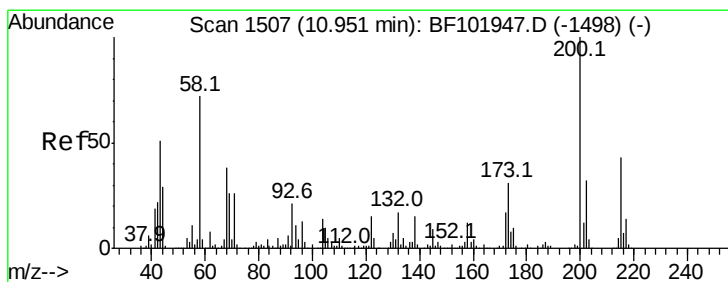
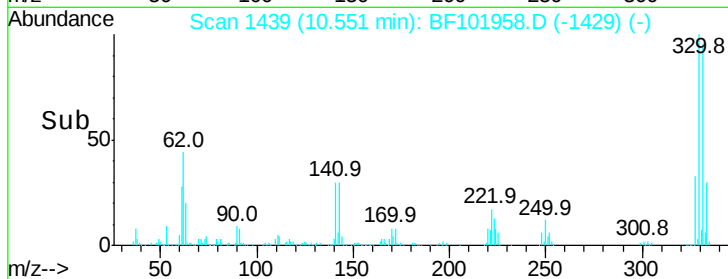
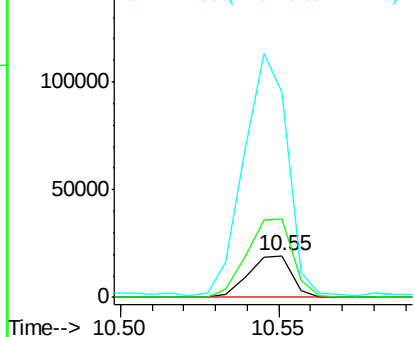
#66
4-Bromophenyl-phenylether
Concen: 3.344 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 18327
Ion Ratio Lower Upper
248 100
250 187.8 76.9 115.3#
141 494.5 74.4 111.6#

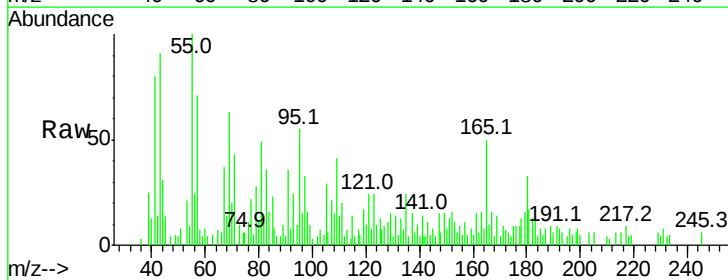


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

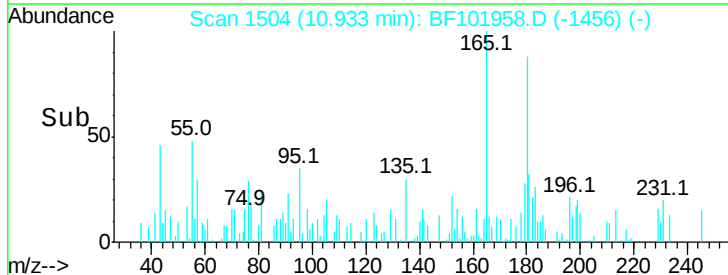
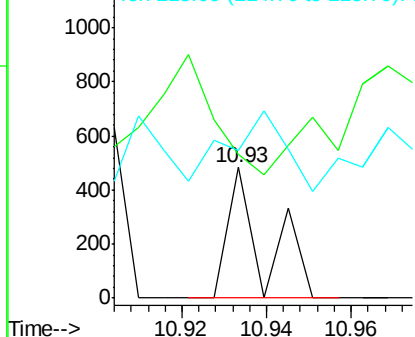


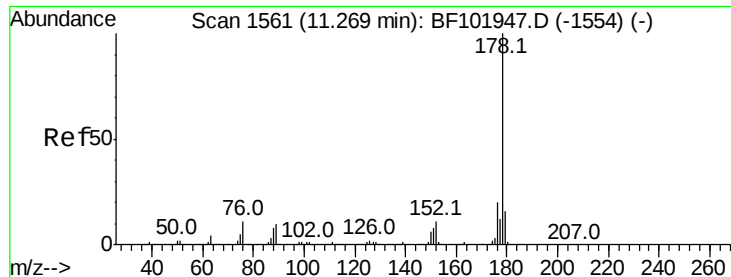
#68
Atrazine
Concen: 0.051 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:200 Resp: 289
Ion Ratio Lower Upper
200 100
173 109.5 8.6 48.6#
215 113.0 25.1 65.1#



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





#70

Phenanthrene

Concen: 5.126 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

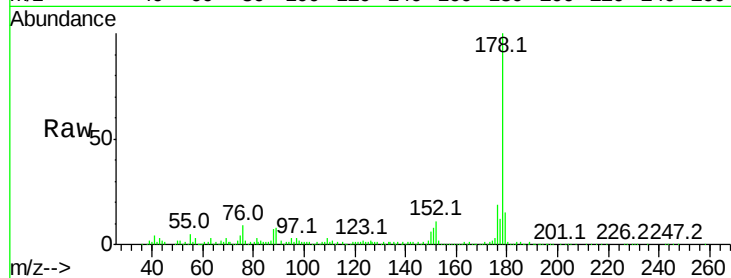
Tot Ion:178 Resp: 155383

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

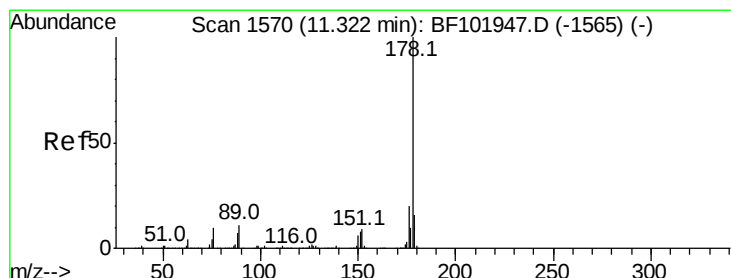
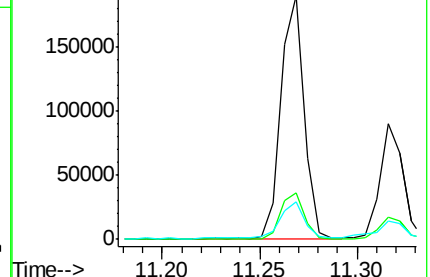
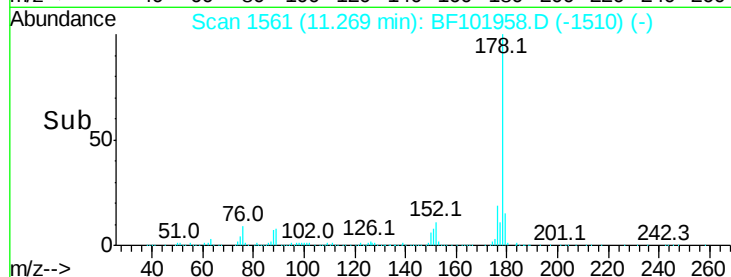
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.345 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

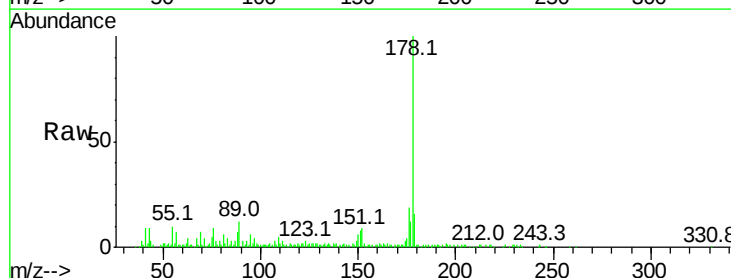
Tgt Ion:178 Resp: 72105

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

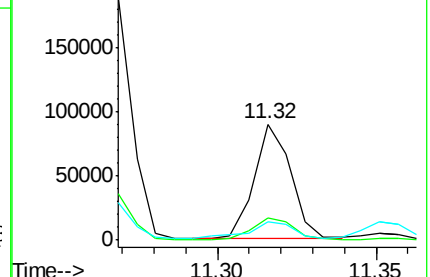
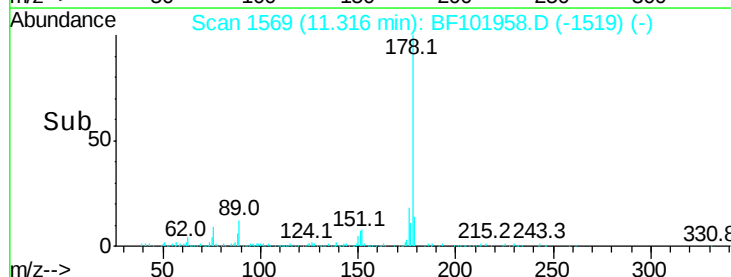
179 15.6 12.6 19.0

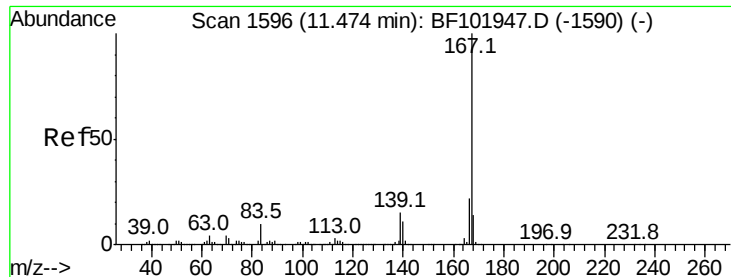


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.469 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

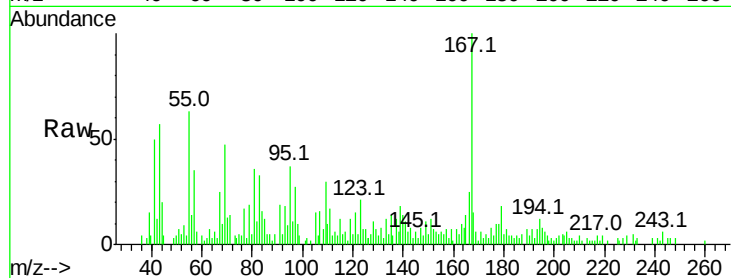
Tot Ion:167 Resp: 14165

Ion Ratio Lower Upper

167 100

166 24.5 17.6 26.4

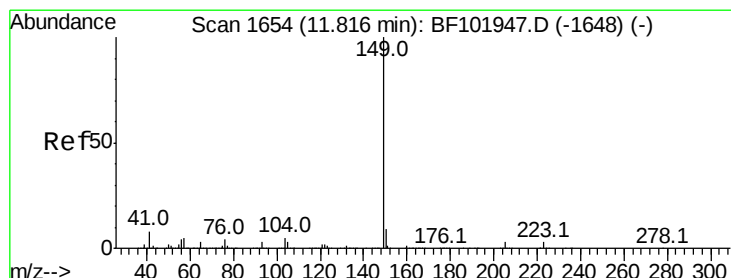
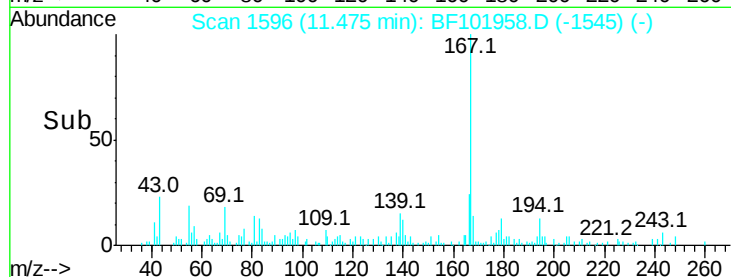
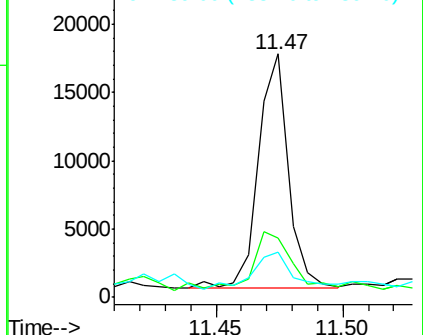
139 18.4 10.9 16.3#



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: 0.319 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

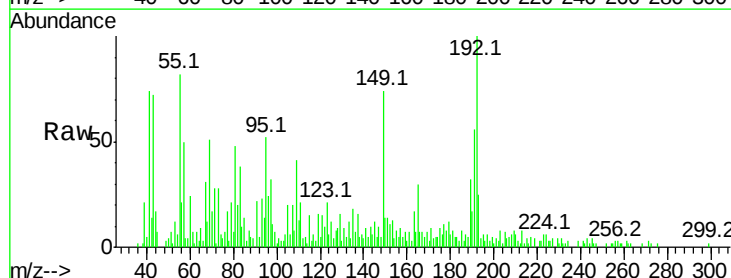
Tgt Ion:149 Resp: 11830

Ion Ratio Lower Upper

149 100

150 18.3 7.8 11.6#

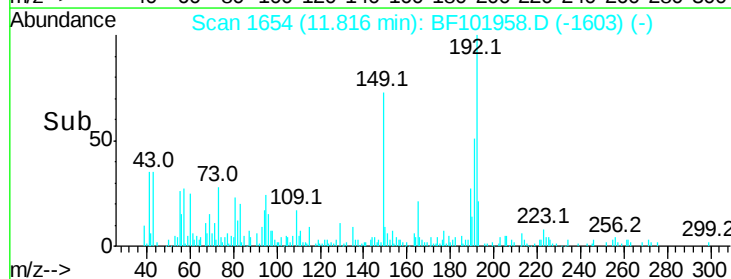
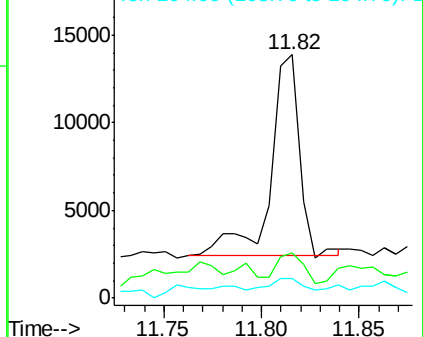
104 8.1 3.8 5.8#

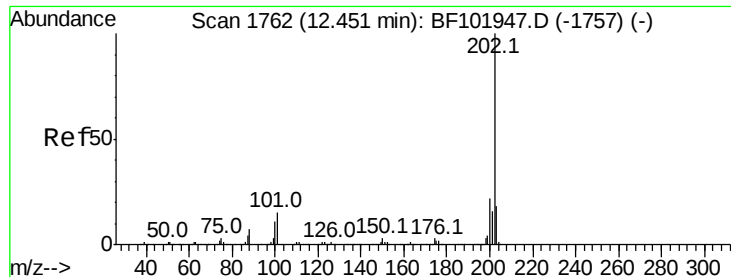


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.168 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101958.D

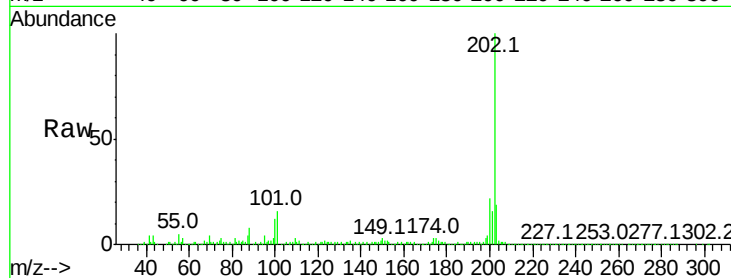
Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

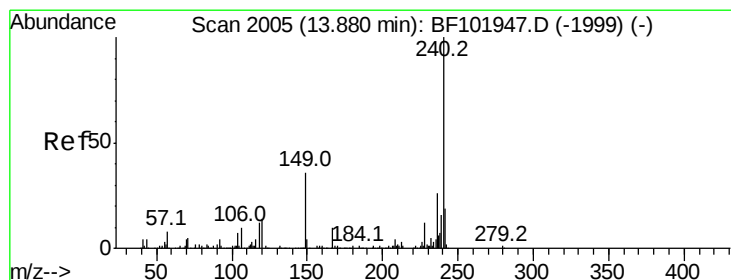
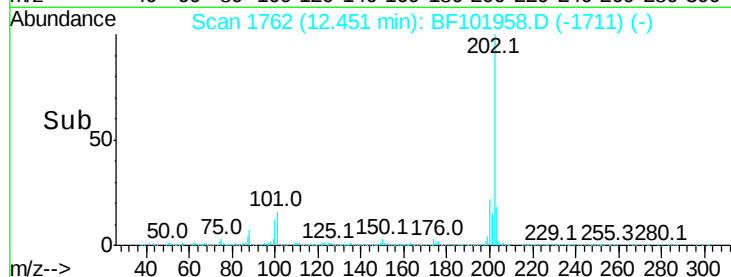
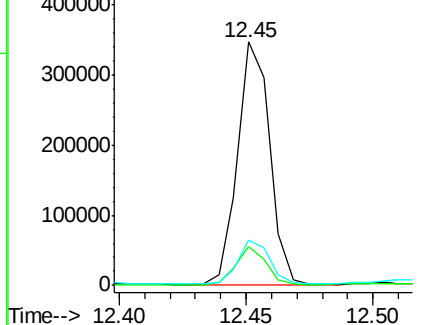
Tot Ion:	202	Resp:	303247
Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	18.5	0.0	38.1



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

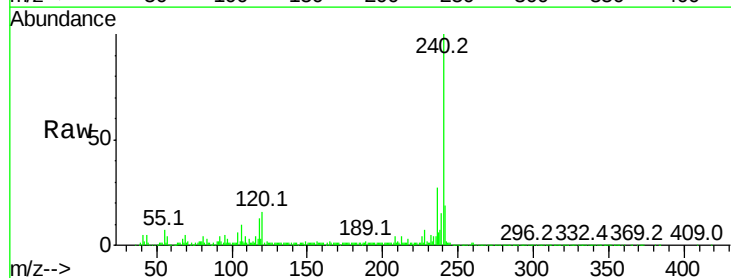
RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

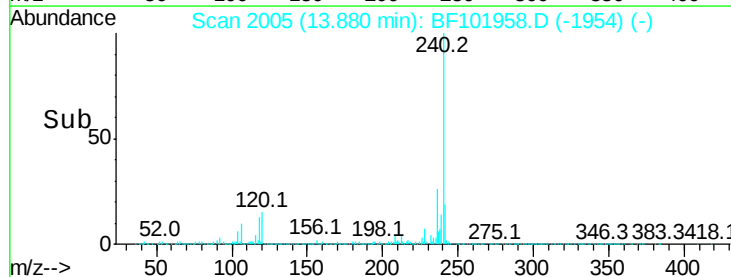
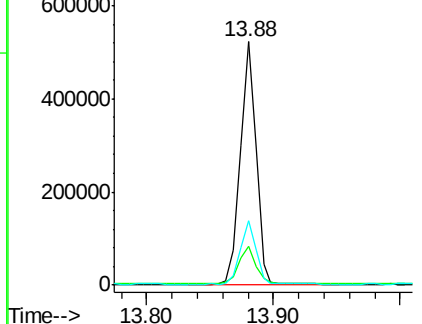
Tgt Ion:	240	Resp:	443097
Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	26.5	20.7	31.1

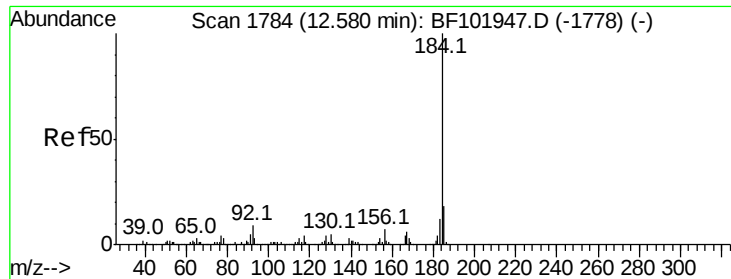


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

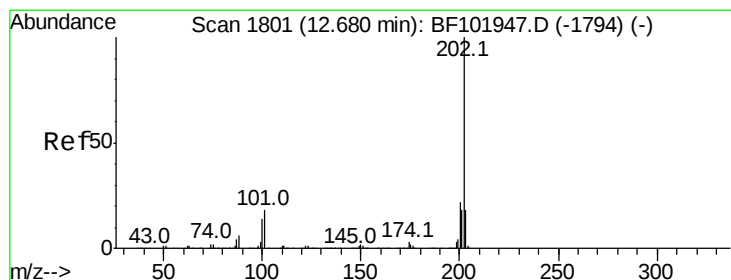
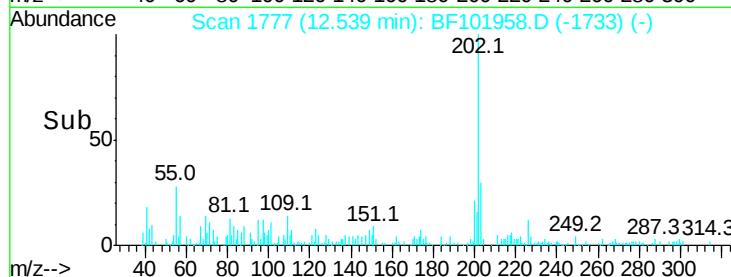
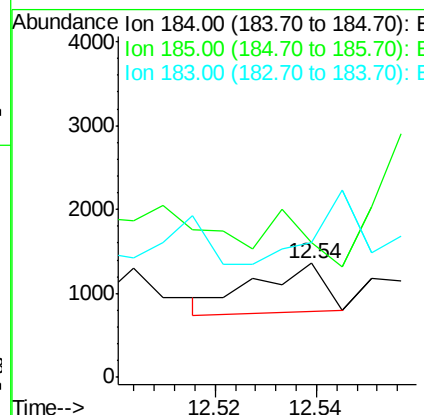
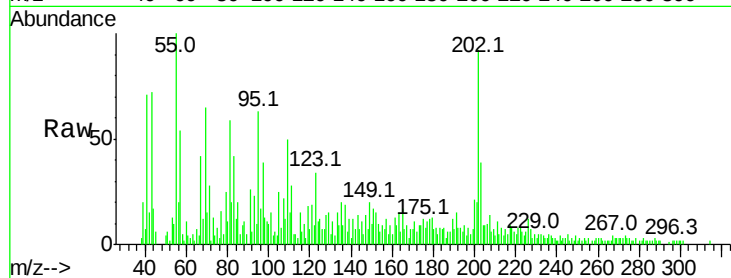




#76
Benzidine
Concen: 0.025 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.04 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

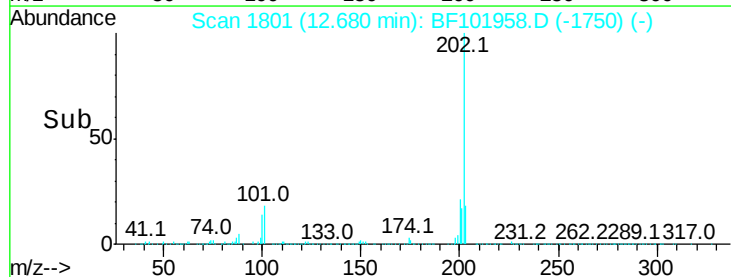
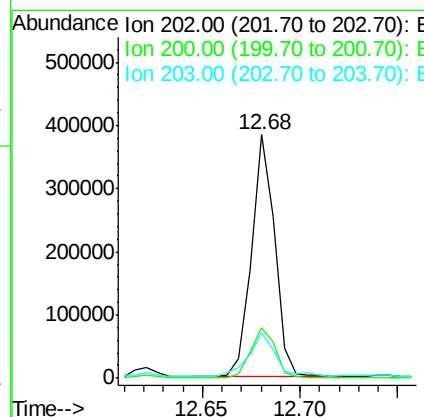
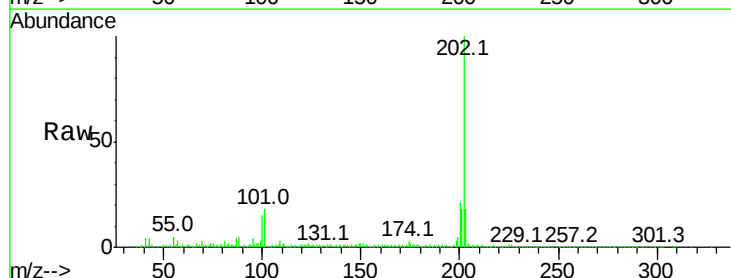
Instrument :
BNA_F
ClientSampleId :

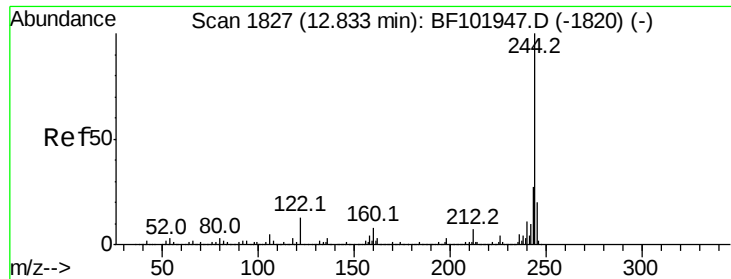
Tot Ion:184 Resp: 542
Ion Ratio Lower Upper
184 100
185 118.2 12.6 18.8#
183 117.9 9.3 13.9#



#77
Pyrene
Concen: 8.067 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:202 Resp: 315966
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.5 14.3 21.5





#78

Terphenyl-d14

Concen: 50.499 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

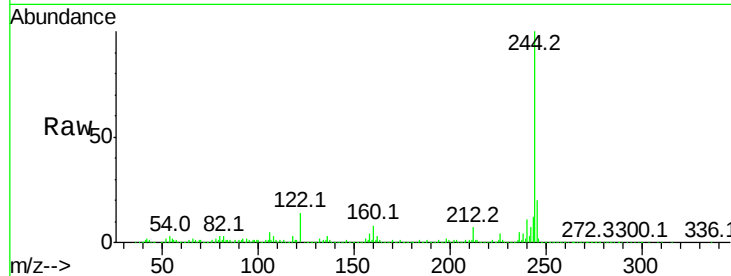
Tot Ion:244 Resp: 1077704

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

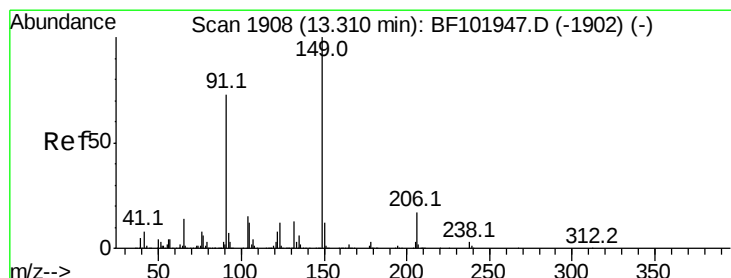
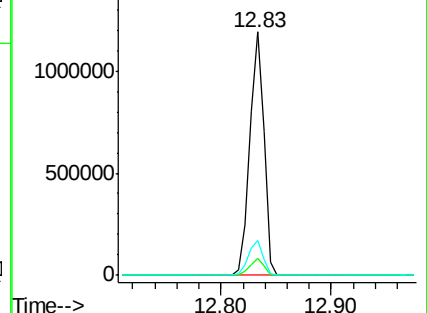
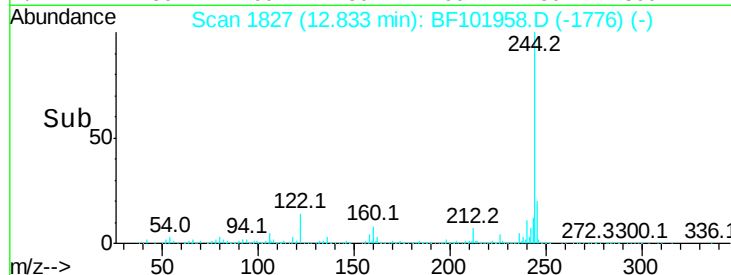
122 14.4 11.0 16.4



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: 0.146 ng

RT: 13.34 min Scan# 1914

Delta R.T. 0.04 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

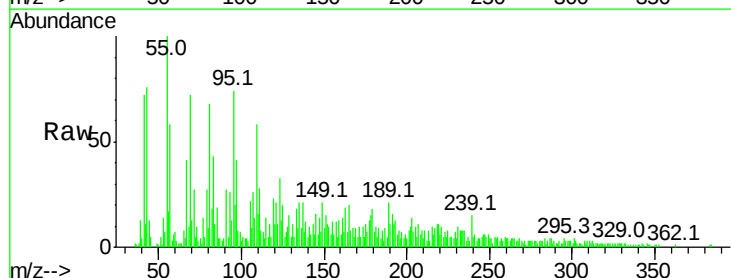
Tgt Ion:149 Resp: 2622

Ion Ratio Lower Upper

149 100

91 125.5 56.8 85.2#

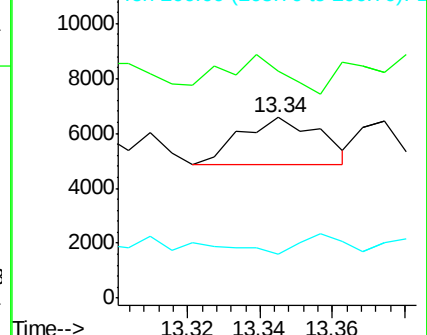
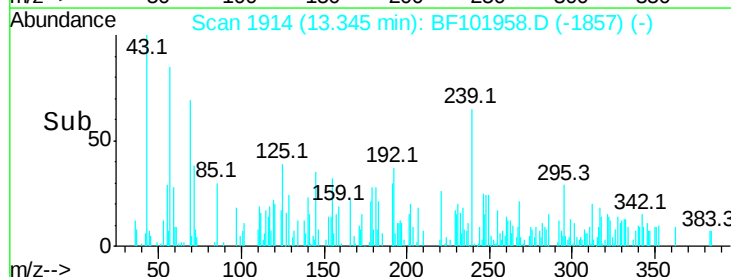
206 24.4 14.1 21.1#

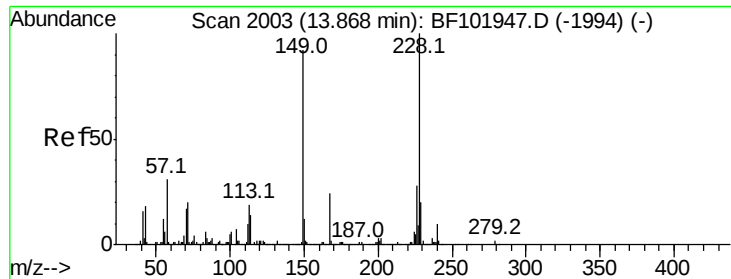


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 5.554 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

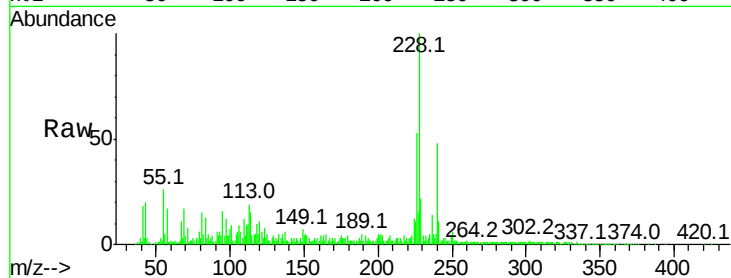
Tot Ion:228 Resp: 157029

Ion Ratio Lower Upper

228 100

226 52.6 22.6 33.8#

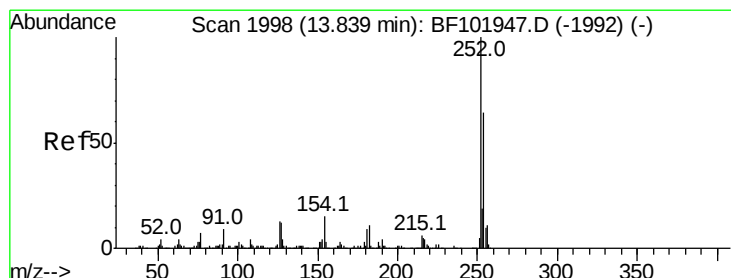
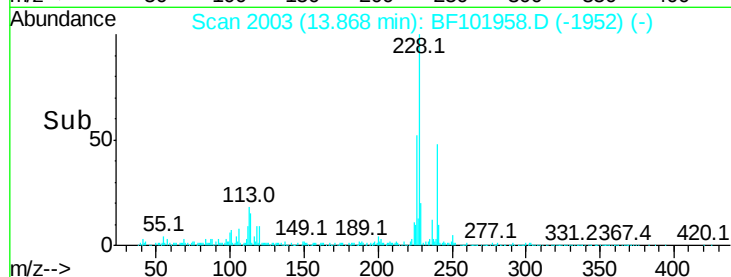
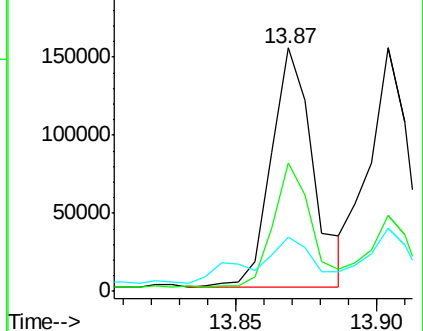
229 22.5 15.8 23.6



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: 0.083 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

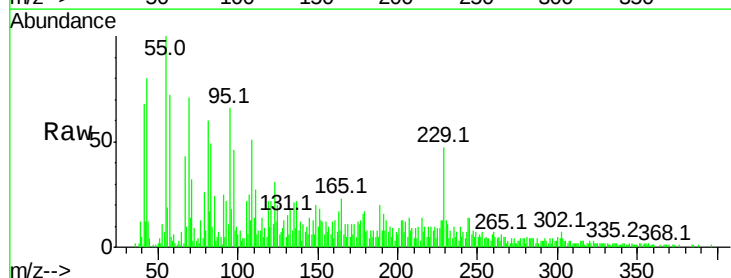
Tgt Ion:252 Resp: 864

Ion Ratio Lower Upper

252 100

254 72.1 50.4 75.6

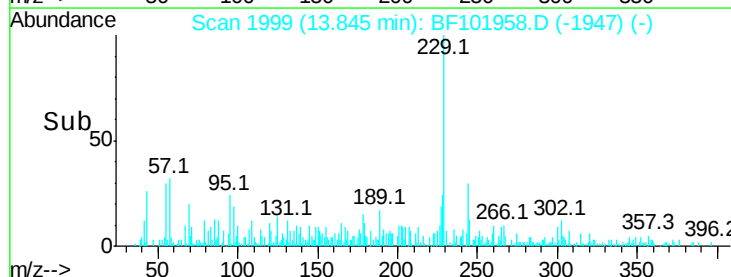
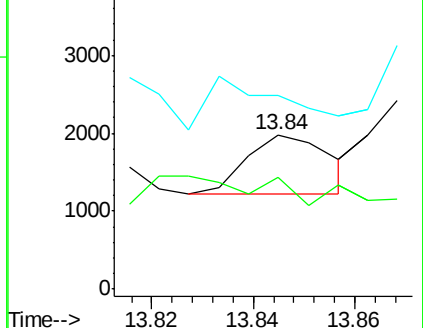
126 125.5 11.3 16.9#

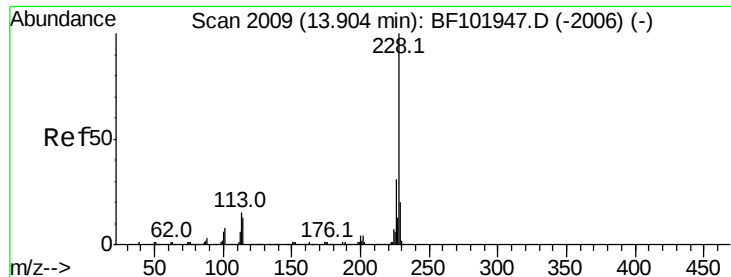


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 5.045 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

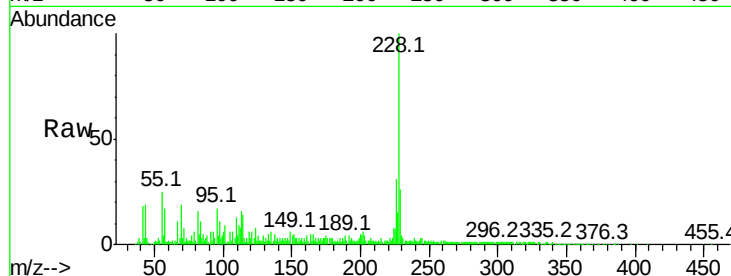
Tot Ion:228 Resp: 148725

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

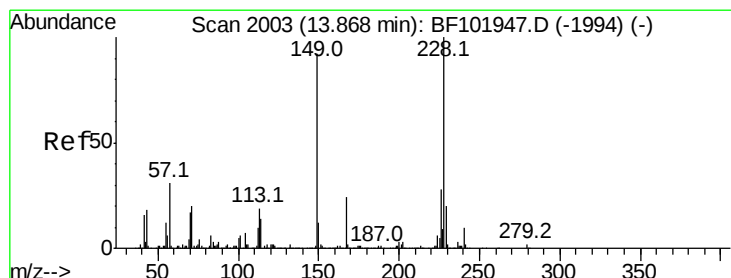
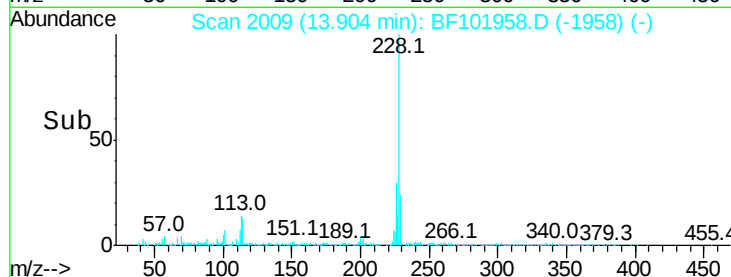
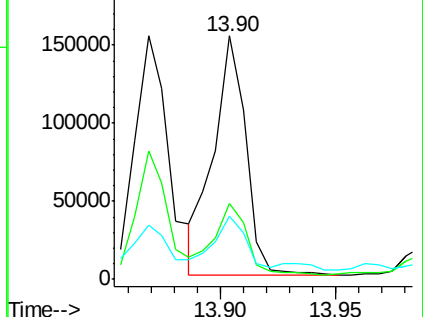
229 26.1 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.173 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

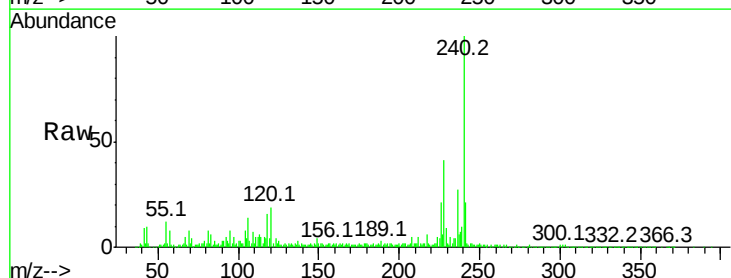
Tgt Ion:149 Resp: 3574

Ion Ratio Lower Upper

149 100

167 39.4 21.3 31.9#

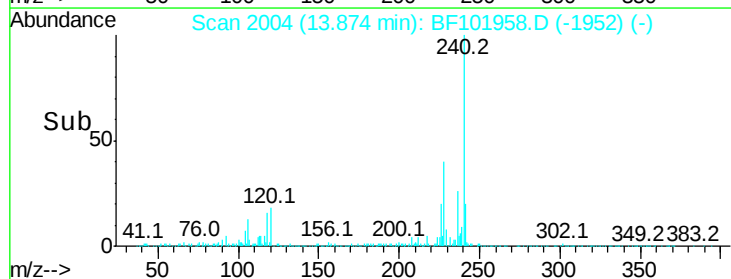
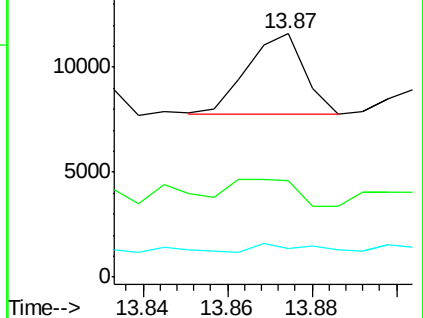
279 11.8 3.0 4.4#

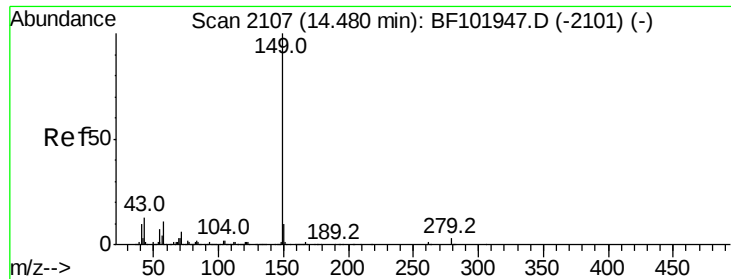


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.080 ng

RT: 14.49 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampleId :

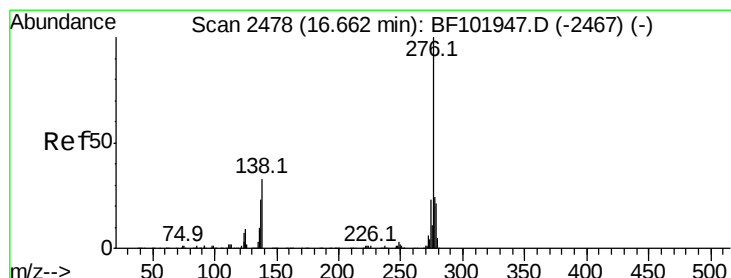
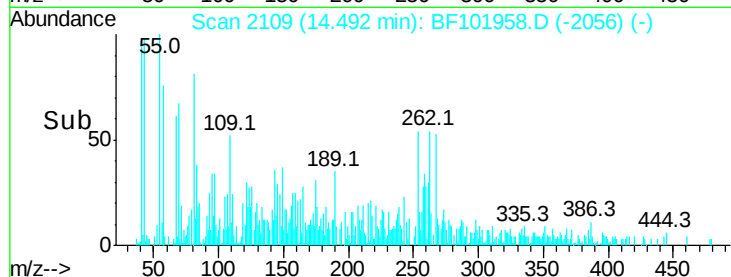
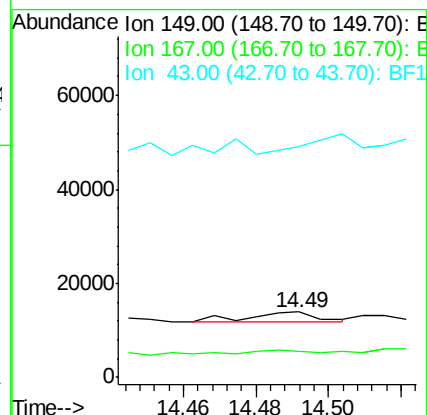
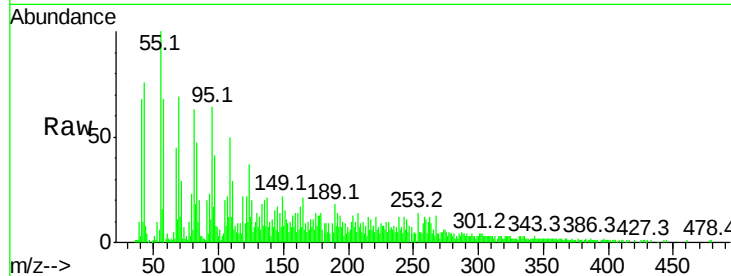
Tot Ion:149 Resp: 2751

Ion Ratio Lower Upper

149 100

167 22.1 1.2 1.8#

43 0.0 8.4 12.6#



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.939 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.04 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

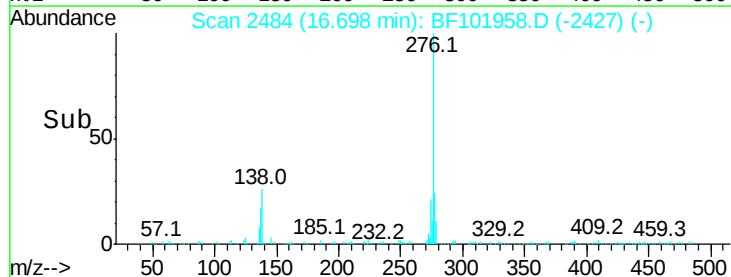
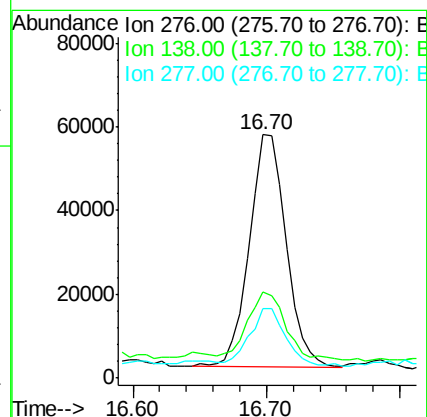
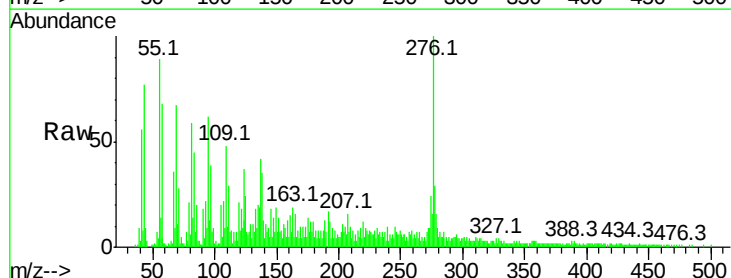
Tgt Ion:276 Resp: 105960

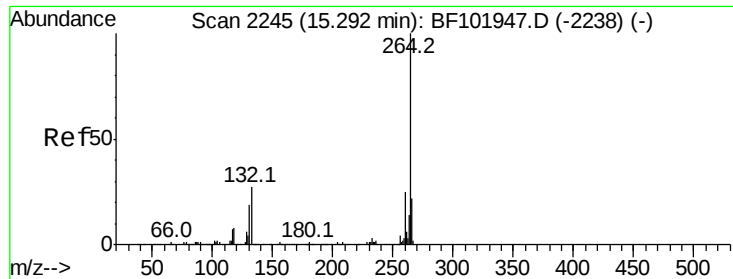
Ion Ratio Lower Upper

276 100

138 30.8 25.0 37.6

277 24.7 20.1 30.1

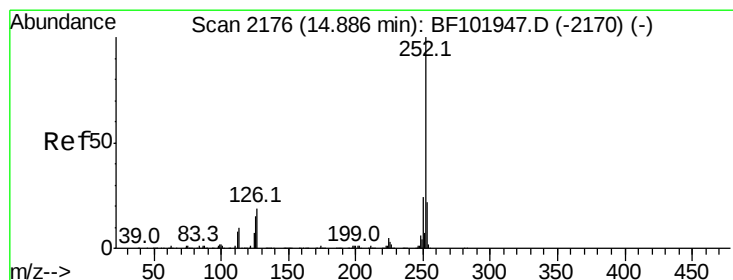
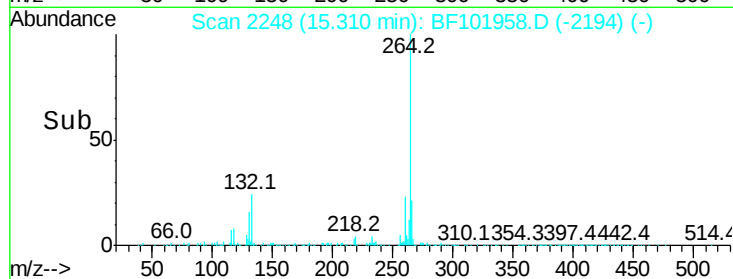
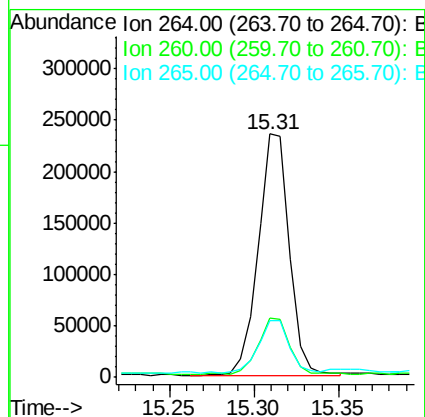
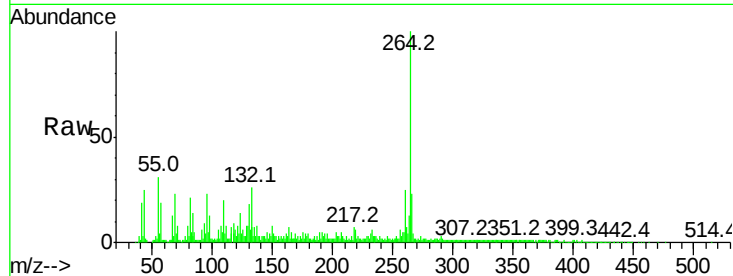




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

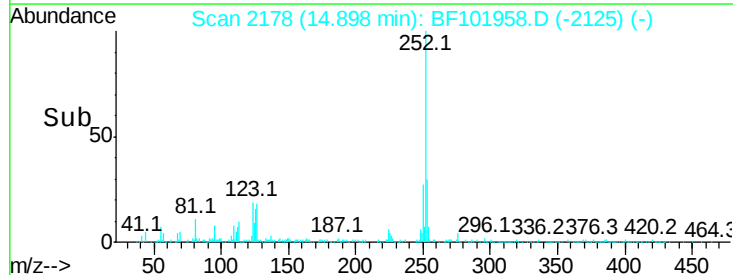
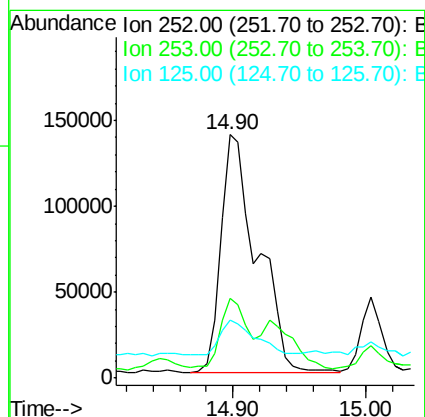
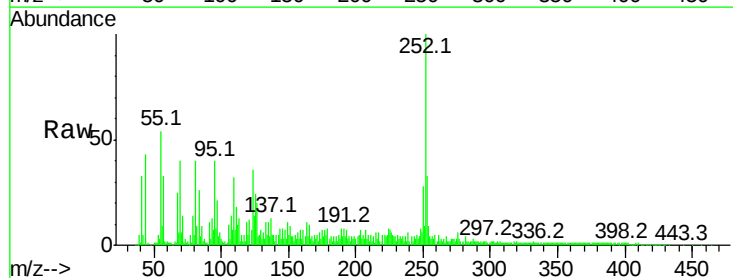
Instrument :
BNA_F
ClientSampleId :

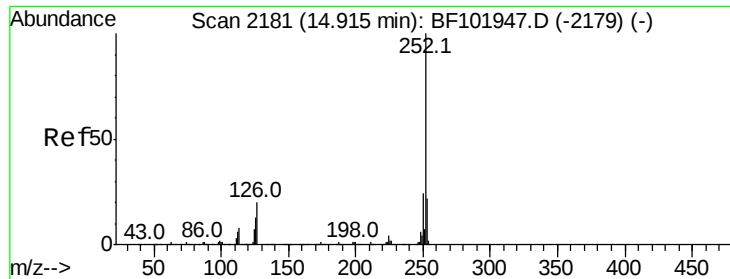
Tot Ion:264 Resp: 299594
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 23.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 13.570 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion:252 Resp: 265093
Ion Ratio Lower Upper
252 100
253 32.9 17.0 25.6#
125 24.0 9.0 13.6#

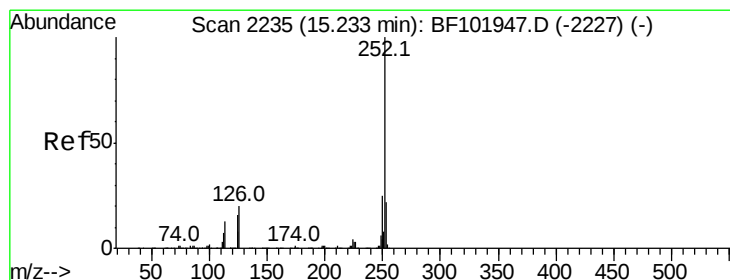
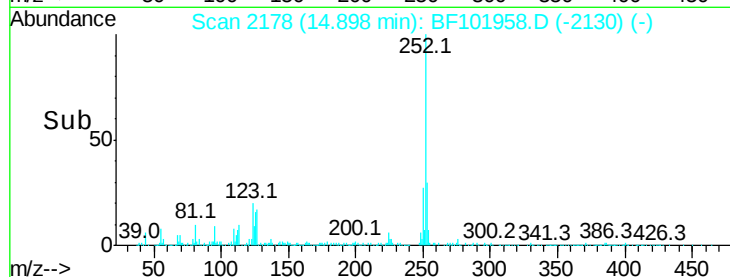
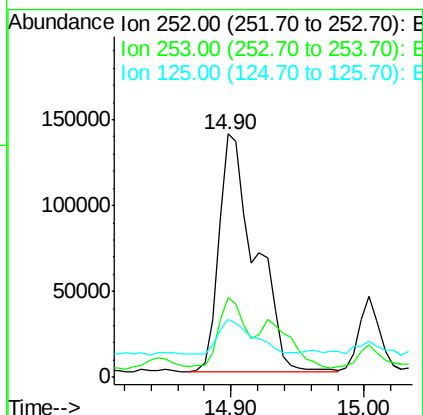
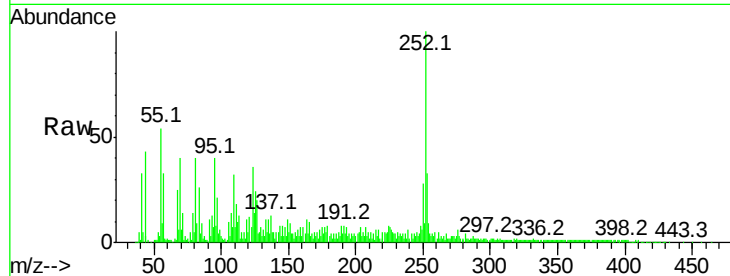




#88
Benzo(k)fluoranthene
Concen: 14.067 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

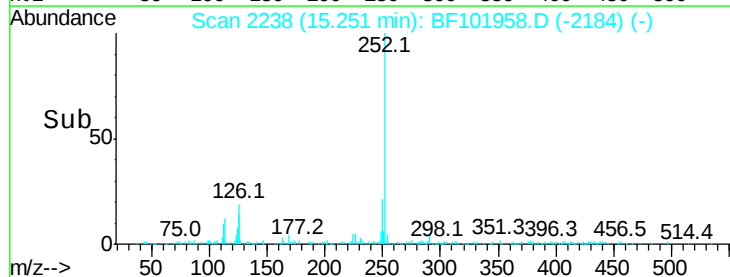
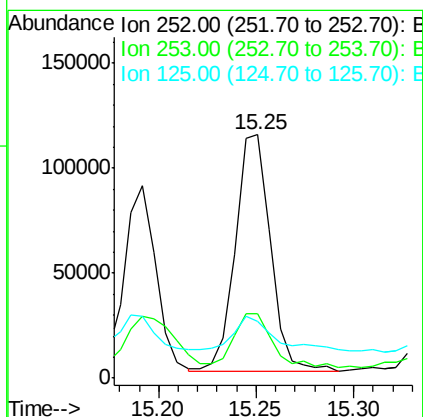
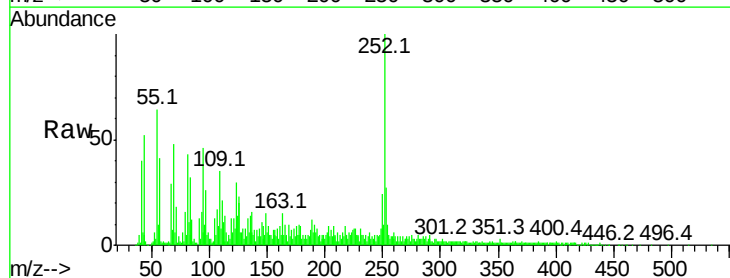
Instrument :
BNA_F
ClientSampleId :

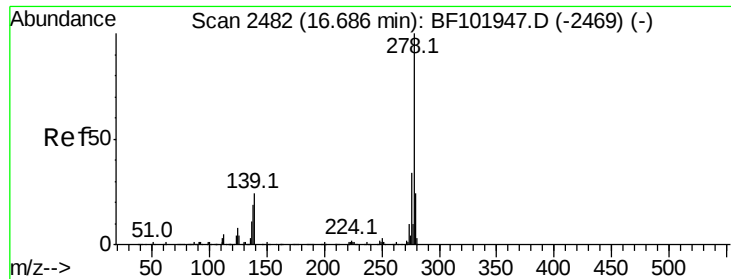
Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.9	26.9#
125	24.0	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 7.975 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF101958.D
Acq: 9 Jan 2018 17:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	23.4	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 1.739 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.02 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

Instrument :

BNA_F

ClientSampled :

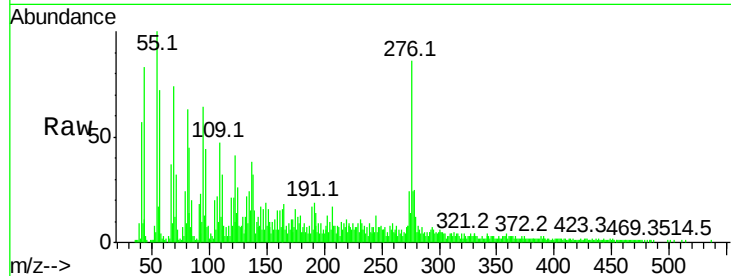
Tot Ion:278 Resp: 24397

Ion Ratio Lower Upper

278 100

139 58.2 15.9 23.9#

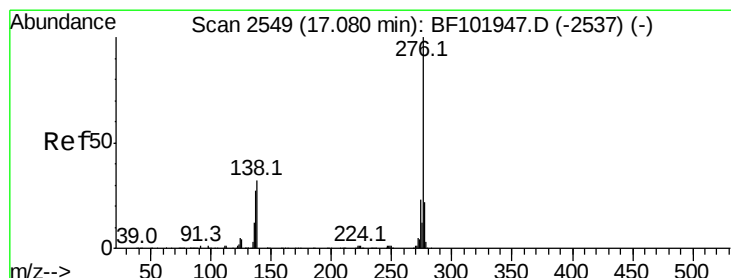
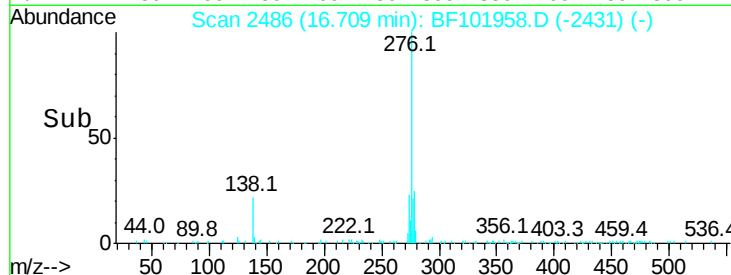
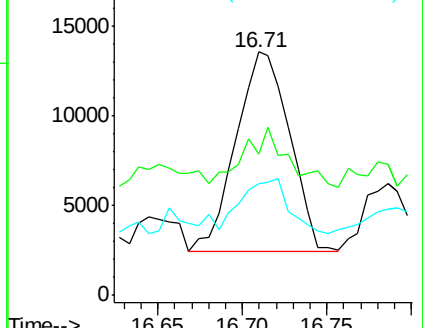
279 46.1 19.0 28.4#



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: 8.902 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.04 min

Lab File: BF101958.D

Acq: 9 Jan 2018 17:56

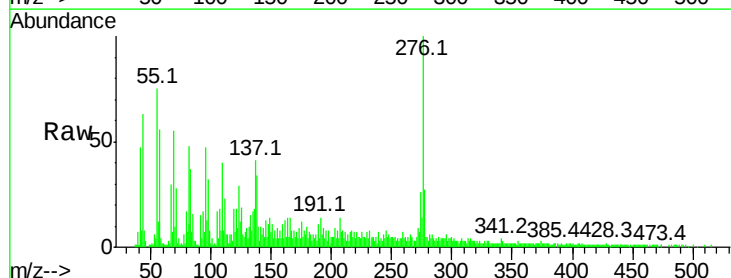
Tgt Ion:276 Resp: 125788

Ion Ratio Lower Upper

276 100

277 26.7 17.9 26.9

138 34.4 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

