

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101295.D
 Acq On : 11 Dec 2017 17:49
 Operator : SJ/JU
 Sample : I6789-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 23:43:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45210	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	168416	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	65681	20.00	ng	0.02
63) Phenanthrene-d10	11.39	188	99747	20.00	ng	0.04
75) Chrysene-d12	14.03	240	92316	20.00	ng	0.02
86) Perylene-d12	15.51	264	93838	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	273794	100.07	ng	0.01
7) Phenol-d6	6.47	99	341781	102.89	ng	0.01
23) Nitrobenzene-d5	7.40	82	202123	71.59	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	67258	85.24	ng	0.03
44) 2-Fluorobiphenyl	9.20	172	365035	76.04	ng	0.01
78) Terphenyl-d14	12.97	244	260065	61.62	ng	0.03

Target Compounds

						Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	4802	2.147	ng	# 71
25) Isophorone	7.63	82	16969	3.519	ng	# 1
27) 2,4-Dimethylphenol	7.76	122	5489	2.498	ng	# 1
32) Benzoic acid	7.90	122	5219	3.054	ng	# 39
35) Caprolactam	8.57	113	4729	6.344	ng	# 1
48) Acenaphthylene	9.75	152	16043	2.284	ng	# 1
50) 2,6-Dinitrotoluene	9.69	165	5259	4.714	ng	# 43
51) Acenaphthene	9.92	154	15531	3.693	ng	# 74
52) 3-Nitroaniline	9.84	138	10892	8.681	ng	# 28
53) 2,4-Dinitrophenol	9.95	184	505	5.654	ng	# 1
54) Dibenzofuran	10.10	168	13371	2.206	ng	# 1
55) 4-Nitrophenol	10.00	139	7167	8.470	ng	# 1
56) 2,4-Dinitrotoluene	10.09	165	4166	2.786	ng	# 62
59) Diethylphthalate	10.30	149	46576	8.915	ng	# 83
61) 4-Nitroaniline	10.35	138	15571	11.956	ng	# 90
64) 4,6-Dinitro-2-methylphenol	10.50	198	1923	2.874	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	125711	35.724	ng	# 47
68) Atrazine	11.08	200	5239	4.853	ng	# 1
70) Phenanthrene	11.42	178	53355	9.713	ng	# 74
71) Anthracene	11.47	178	20010	3.599	ng	# 49
73) Di-n-butylphthalate	11.93	149	103198	16.209	ng	# 94
74) Fluoranthene	12.61	202	65316	10.727	ng	# 91
77) Pyrene	12.84	202	111386	17.486	ng	# 93
79) Butylbenzylphthalate	13.43	149	6347	2.260	ng	# 66
80) Benzo(a)anthracene	14.02	228	32142	5.514	ng	# 67
82) Chrysene	14.05	228	34233	6.324	ng	# 74
83) Bis(2-ethylhexyl)phthalate	13.98	149	65715	16.410	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.00	276	15380	3.196	ng	# 87
87) Benzo(b)fluoranthene	15.07	252	45998	8.184	ng	# 77
88) Benzo(k)fluoranthene	15.07	252	45998	8.306	ng	# 80
89) Benzo(a)pyrene	15.44	252	22368	4.377	ng	# 64
91) Benzo(a,h,i)perylene	17.46	276	17236	4.060	ng	# 90

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101295.D
Acq On : 11 Dec 2017 17:49
Operator : SJ/JU
Sample : I6789-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 23:43:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

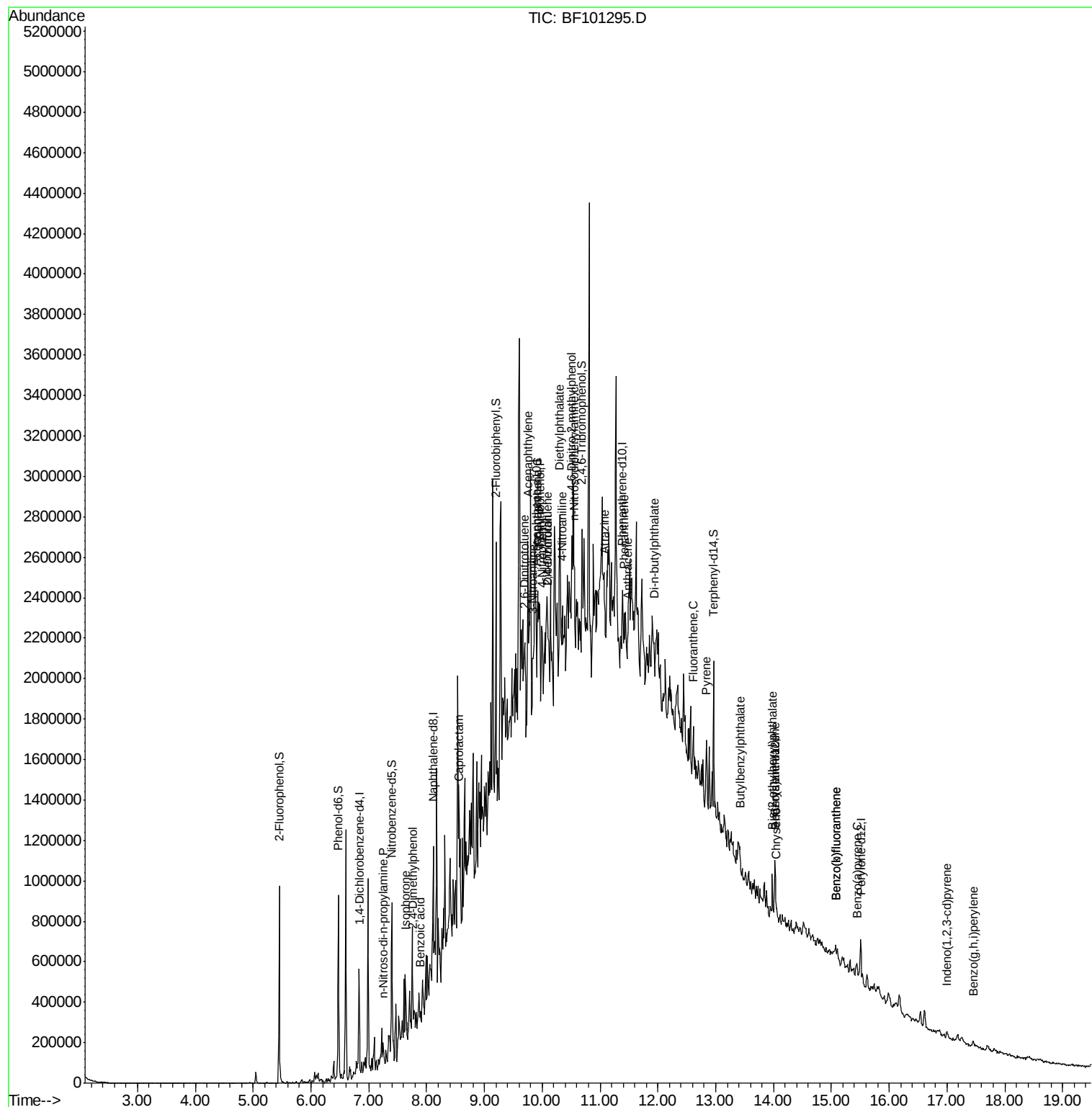
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

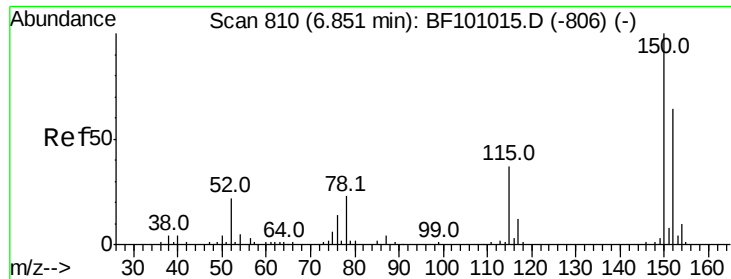
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101295.D
Acq On : 11 Dec 2017 17:49
Operator : SJ/JU
Sample : I6789-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 23:43:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



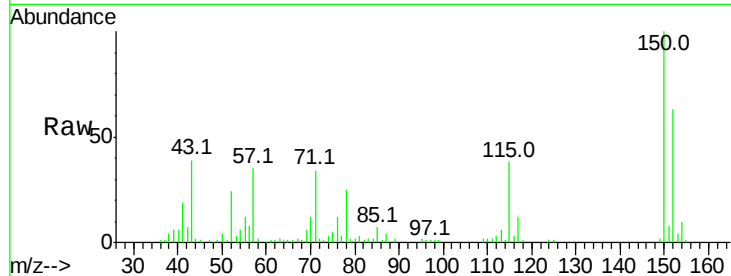


#1

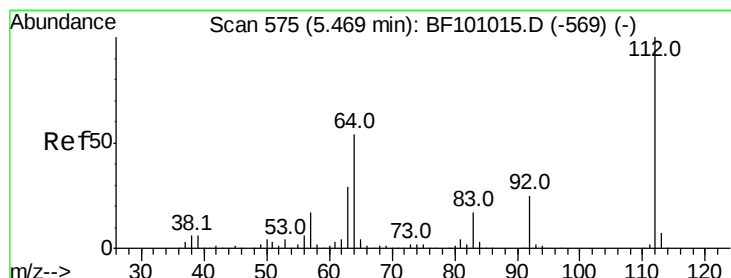
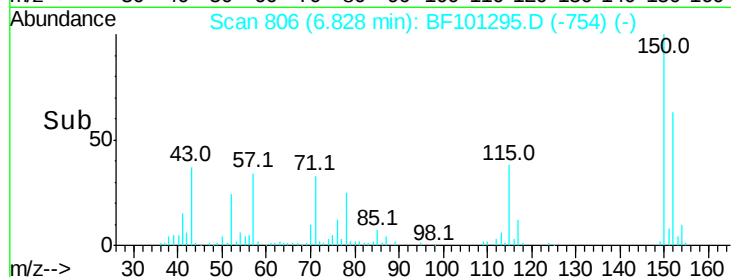
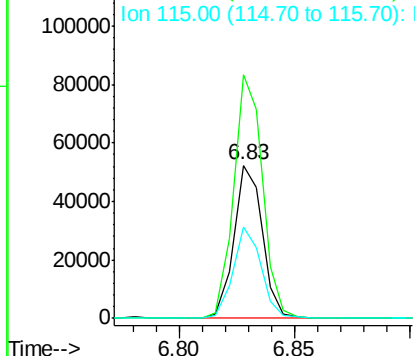
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45210
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 59.7 50.1 75.1



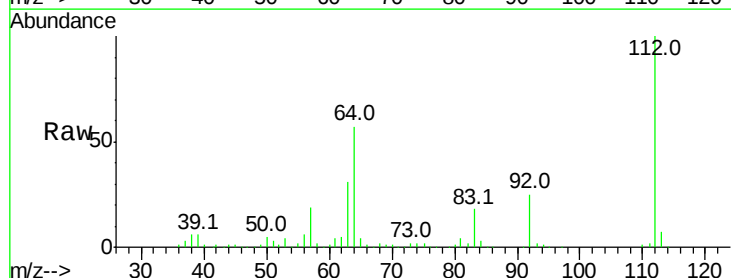
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



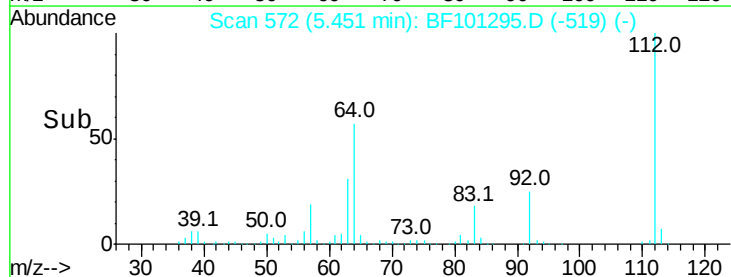
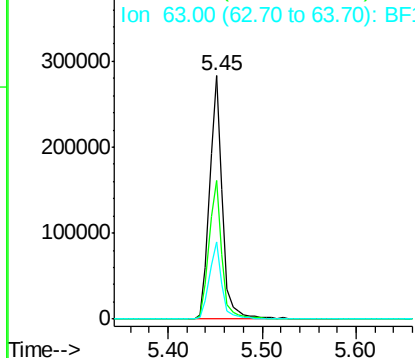
#5

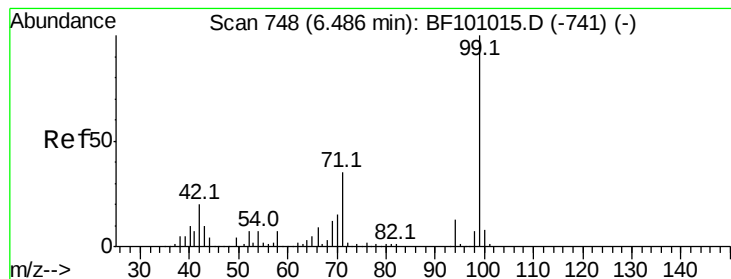
2-Fluorophenol
Concen: 100.073 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:112 Resp: 273794
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.893 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

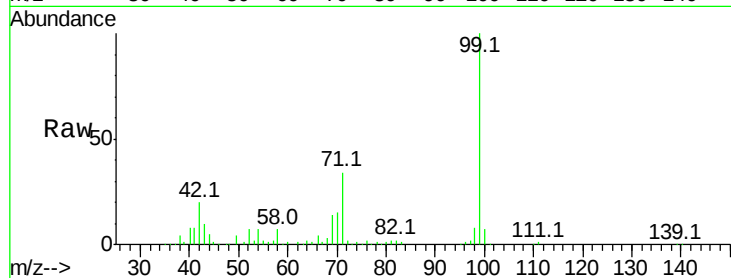
Tot Ion: 99 Resp: 341781

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

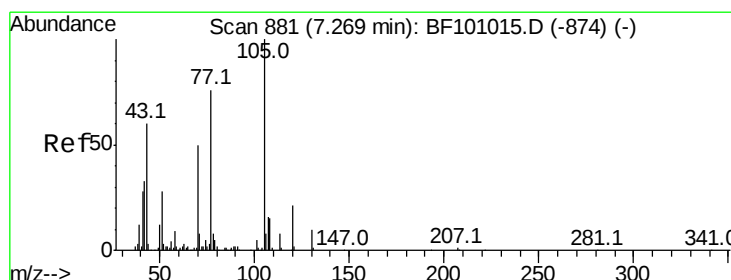
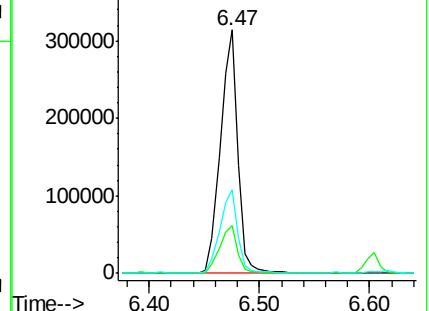
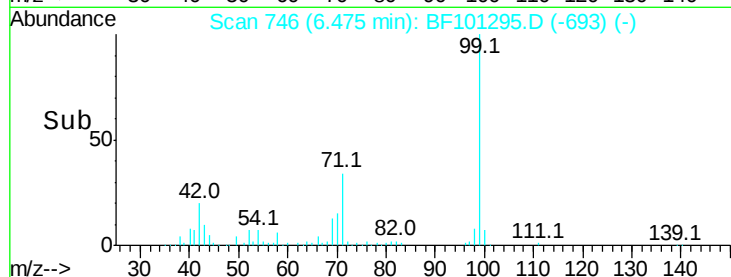
71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 2.147 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Tgt Ion: 70 Resp: 4802

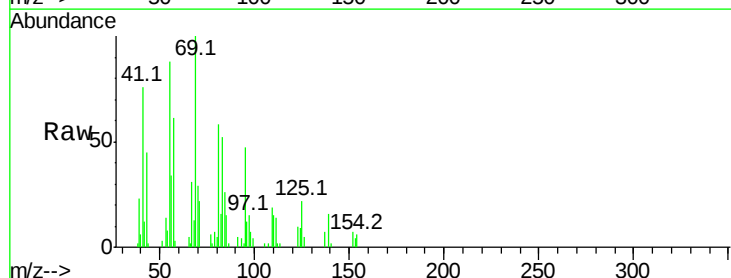
Ion Ratio Lower Upper

70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

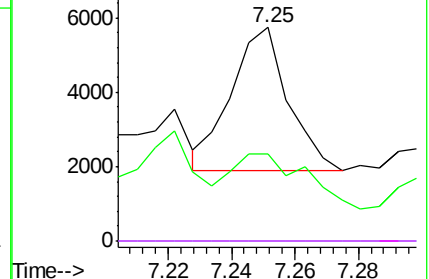
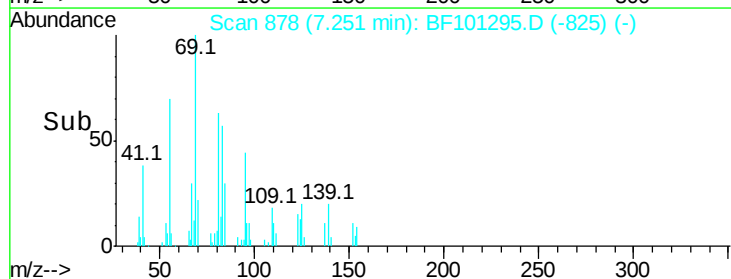


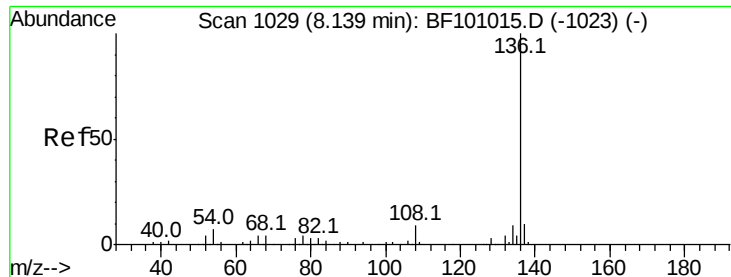
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 168416

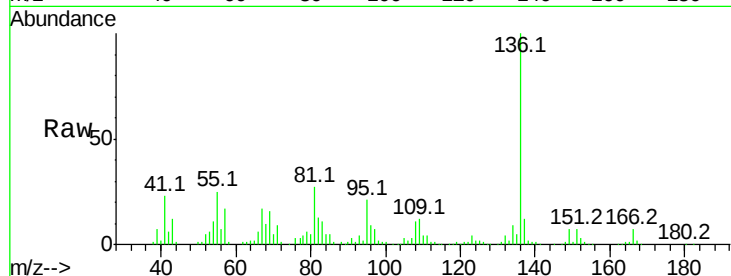
Ion Ratio Lower Upper

136 100

137 12.3 8.9 13.3

54 10.8 6.6 9.8#

68 9.8 5.0 7.4#

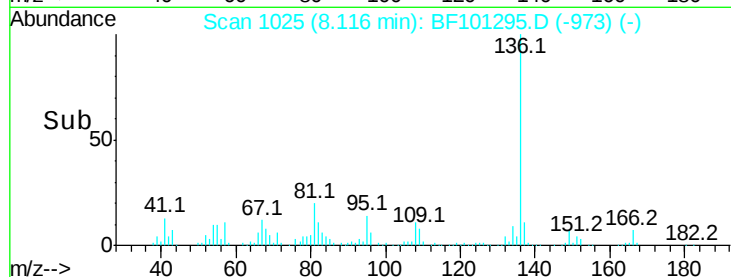


Abundance Ion 136.00 (135.70 to 136.70): E

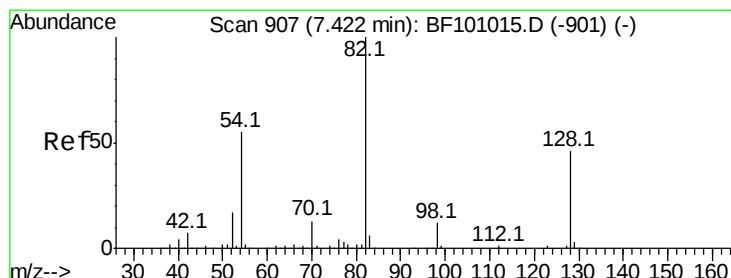
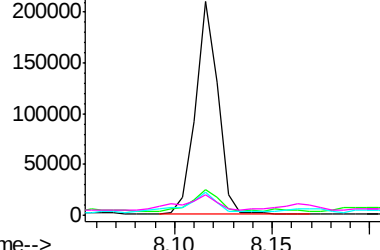
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 71.592 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

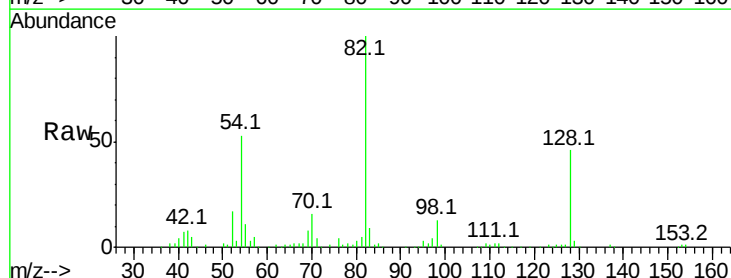
Tgt Ion: 82 Resp: 202123

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

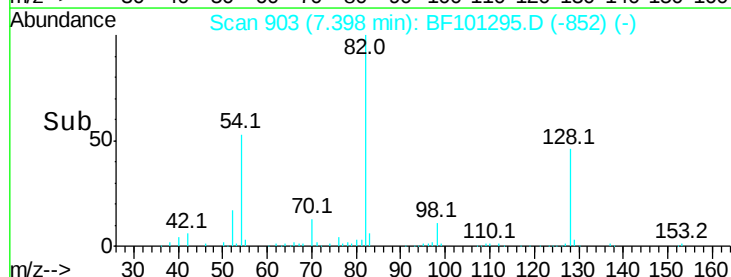
54 53.1 41.4 62.2



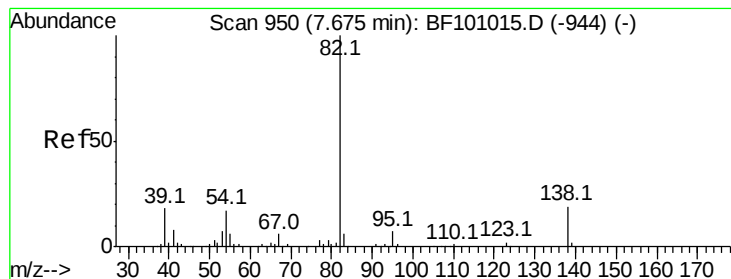
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 3.519 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

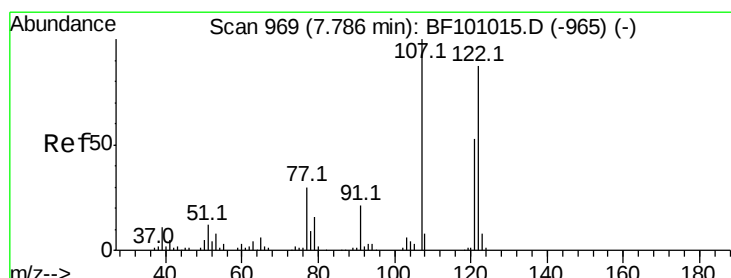
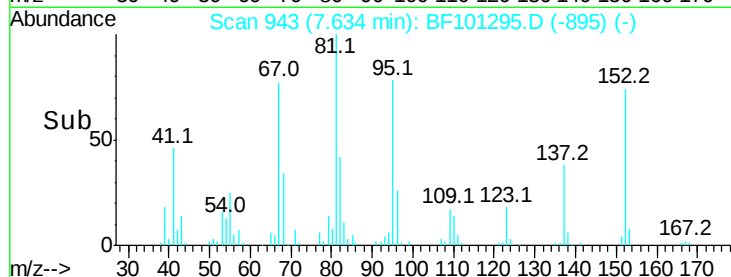
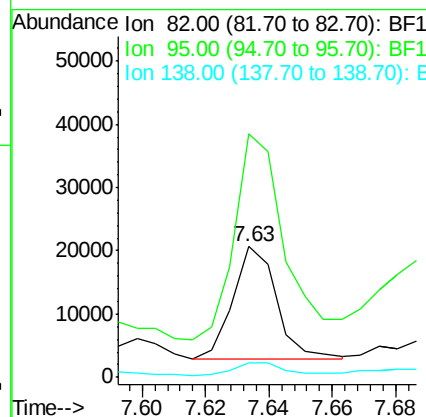
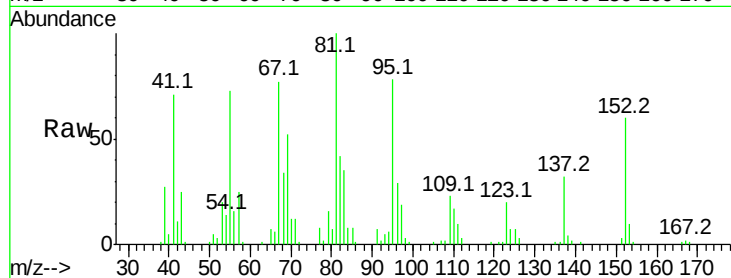
Tot Ion: 82 Resp: 16969

Ion Ratio Lower Upper

82 100

95 186.1 5.2 7.8#

138 10.6 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 2.498 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

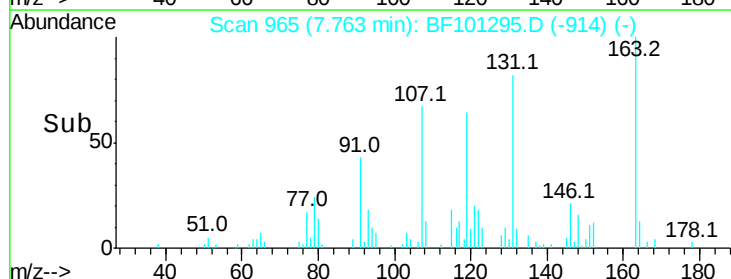
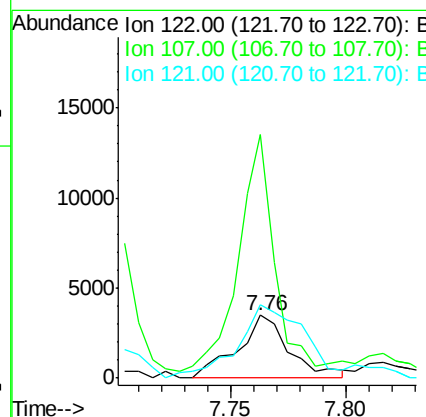
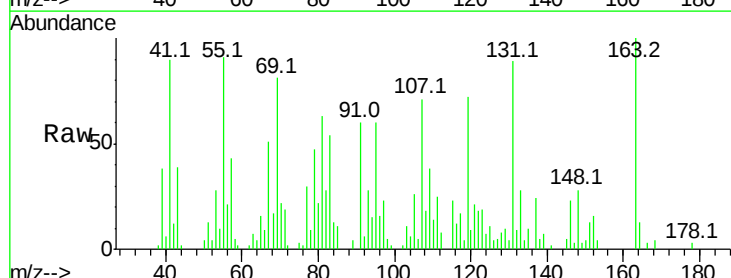
Tgt Ion:122 Resp: 5489

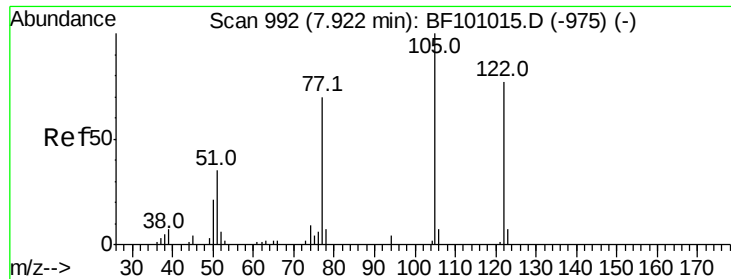
Ion Ratio Lower Upper

122 100

107 386.9 91.2 136.8#

121 117.3 47.2 70.8#

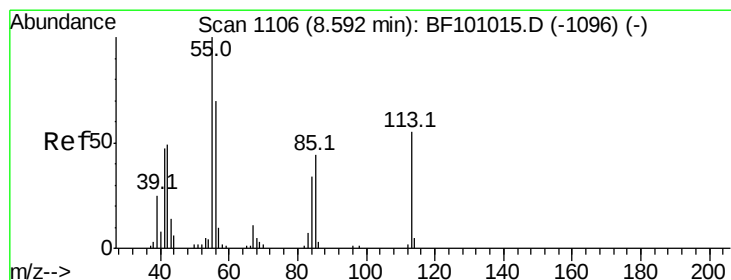
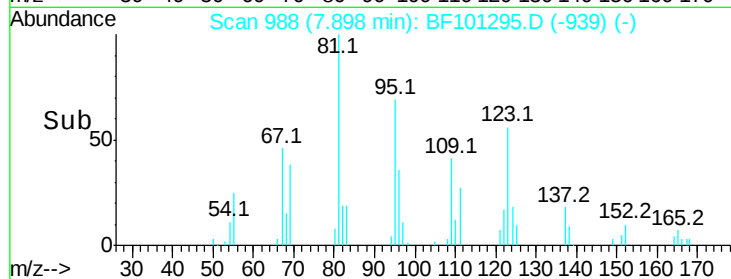
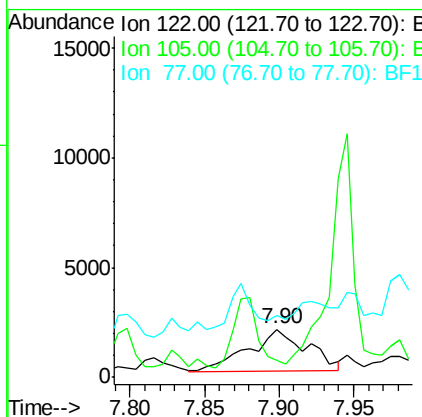
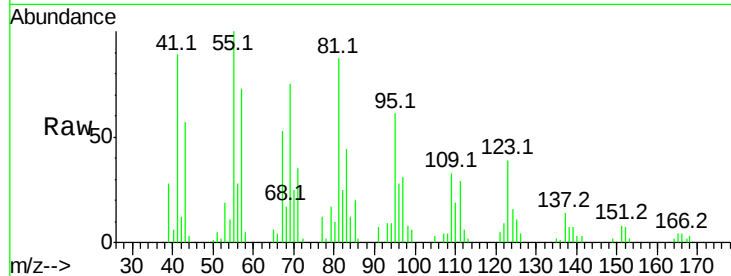




#32
Benzoic acid
Concen: 3.054 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

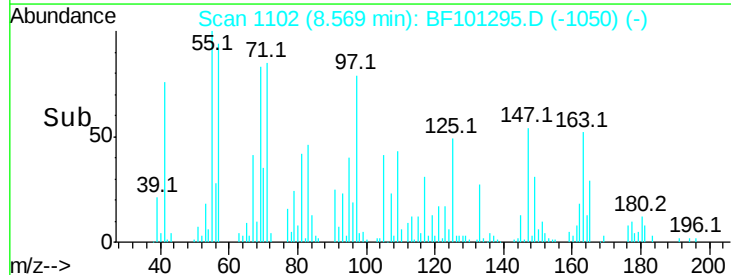
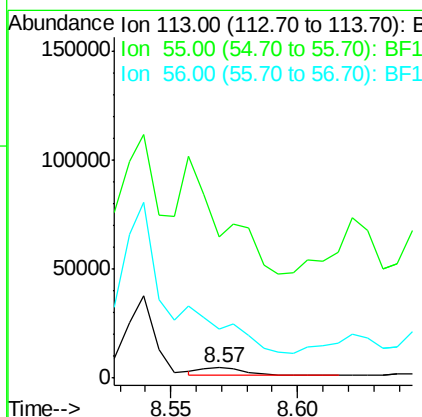
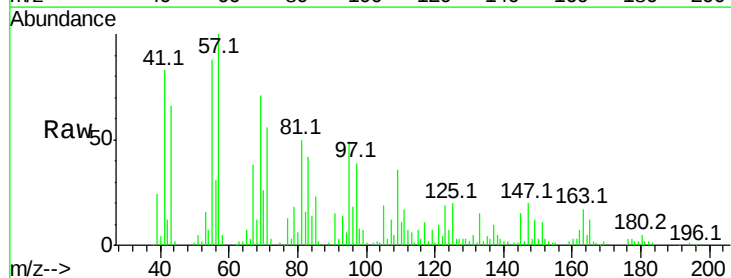
Instrument :
BNA_F
ClientSampleId :

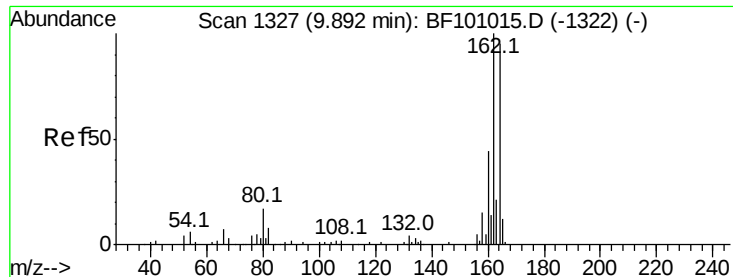
Tot Ion:122 Resp: 5219
Ion Ratio Lower Upper
122 100
105 34.3 101.1 141.1#
77 127.9 70.7 110.7#



#35
Caprolactam
Concen: 6.344 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:113 Resp: 4729
Ion Ratio Lower Upper
113 100
55 1389.7 163.3 203.3#
56 484.8 115.7 155.7#

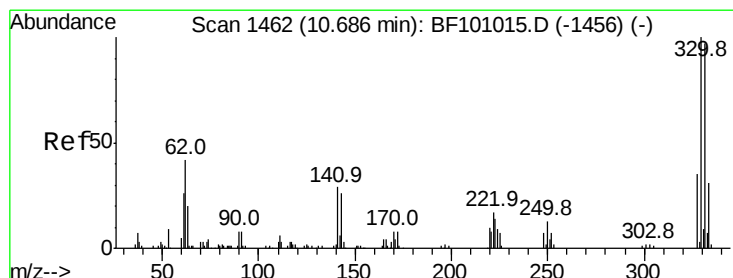
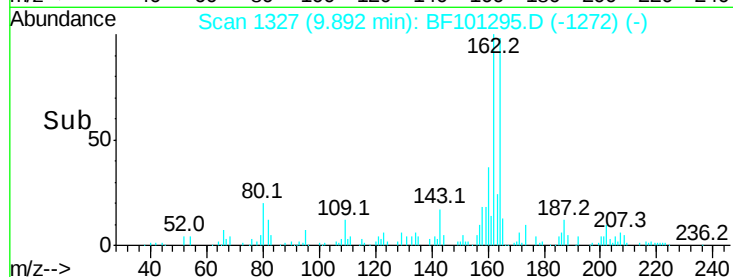
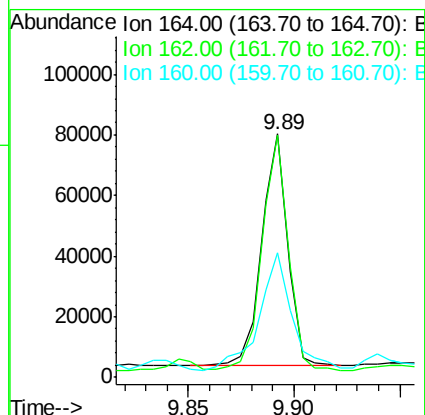
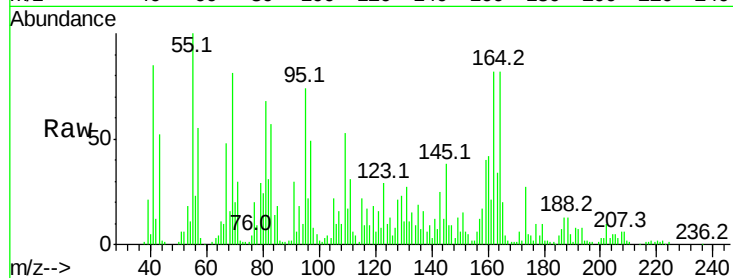




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.02 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

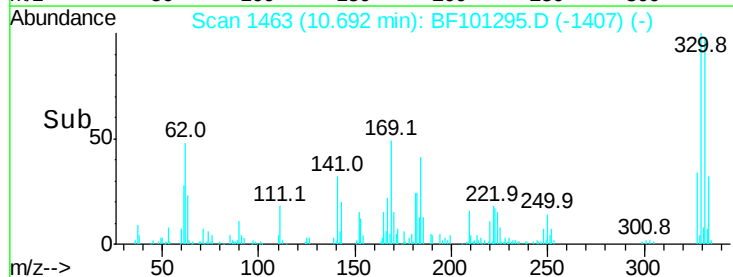
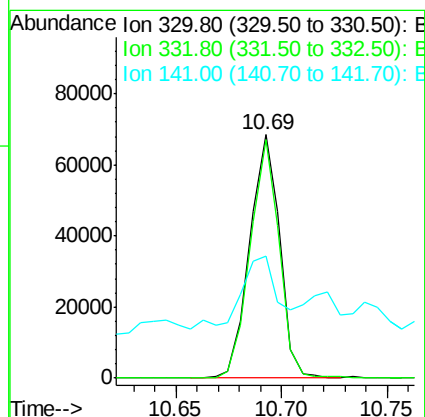
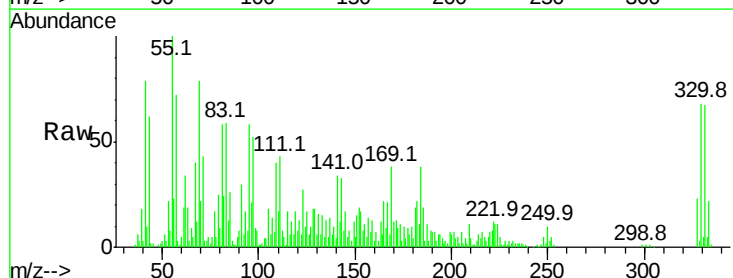
Instrument :
 BNA_F
 ClientSampleId :

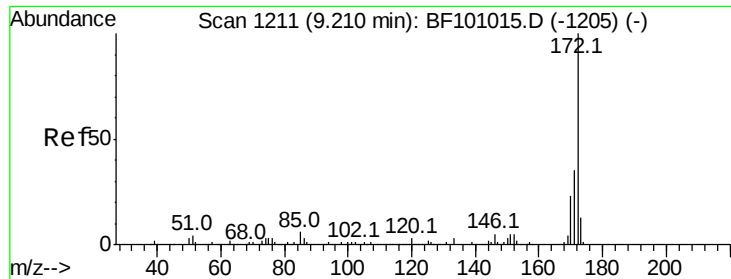
Tot Ion:164 Resp: 65681
 Ion Ratio Lower Upper
 164 100
 162 99.7 86.1 129.1
 160 51.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 85.243 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.03 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

Tgt Ion:330 Resp: 67258
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.0 29.9 44.9

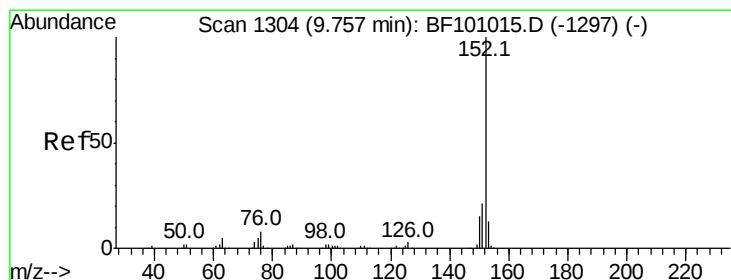
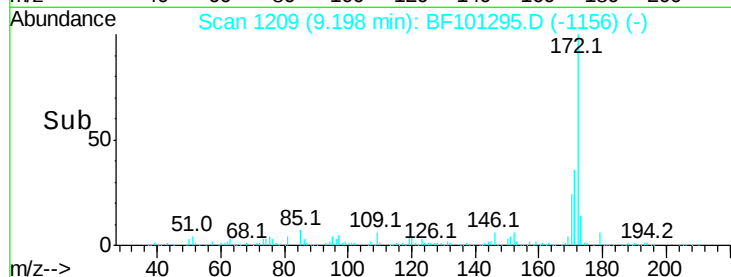
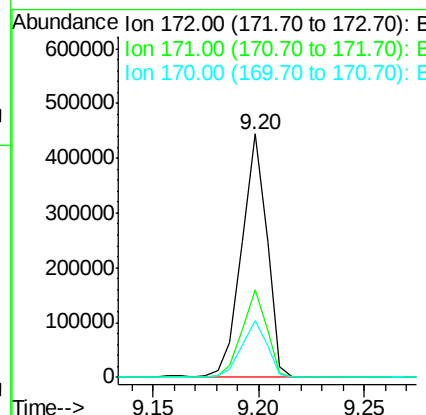
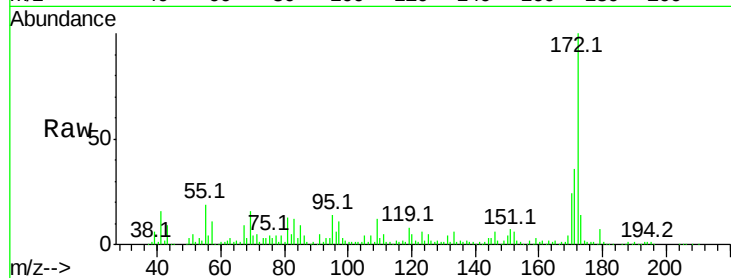




#44
2-Fluorobiphenyl
Concen: 76.040 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

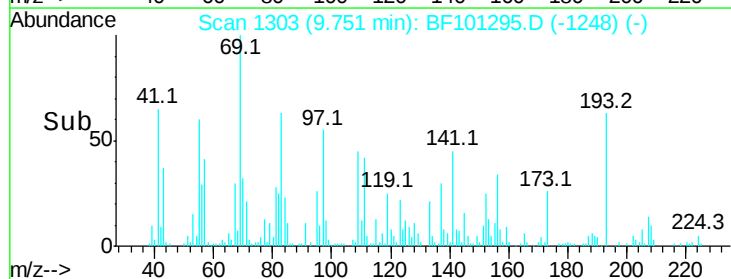
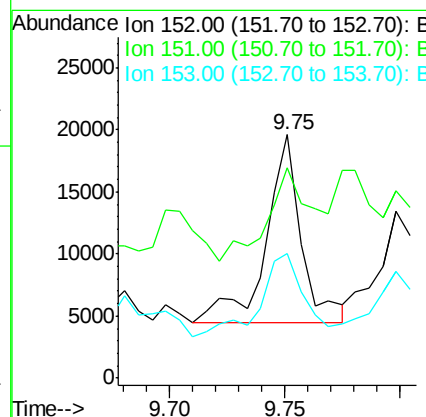
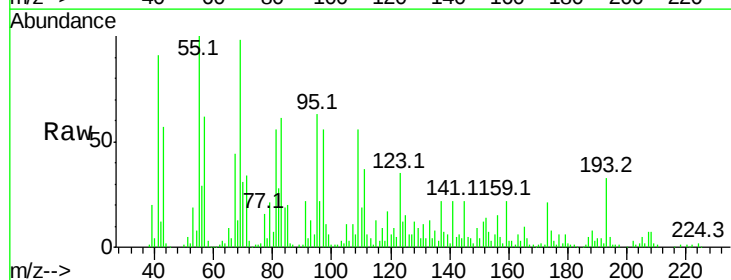
Instrument :
BNA_F
ClientSampleId :

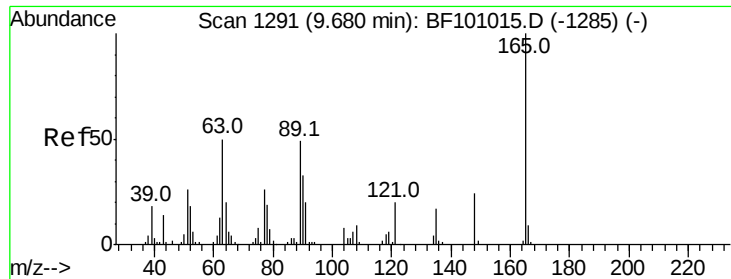
Tot Ion:172 Resp: 365035
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.5 19.6 29.4



#48
Acenaphthylene
Concen: 2.284 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:152 Resp: 16043
Ion Ratio Lower Upper
152 100
151 86.1 16.3 24.5#
153 51.2 10.7 16.1#

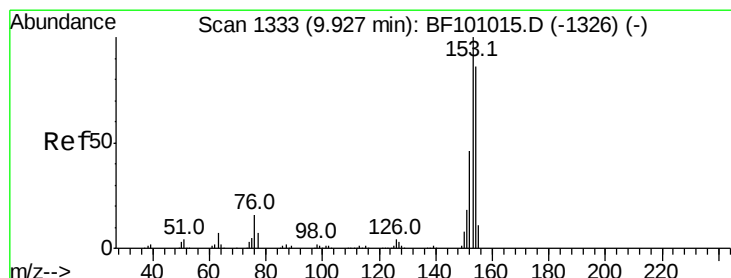
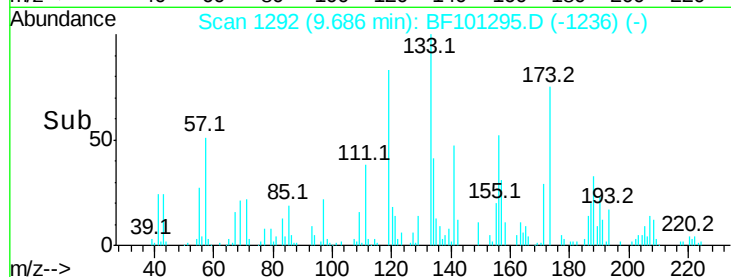
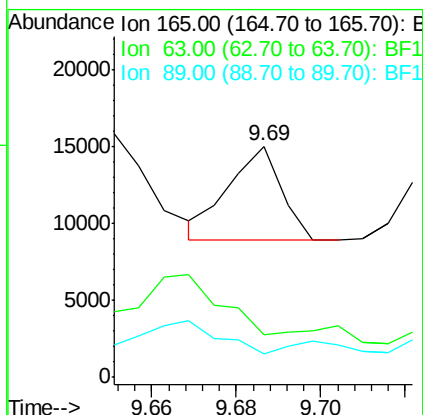
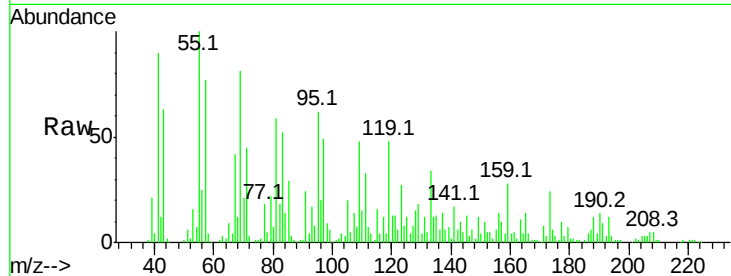




#50
2,6-Dinitrotoluene
Concen: 4.714 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

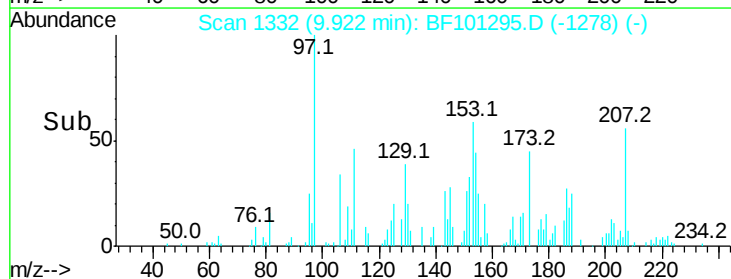
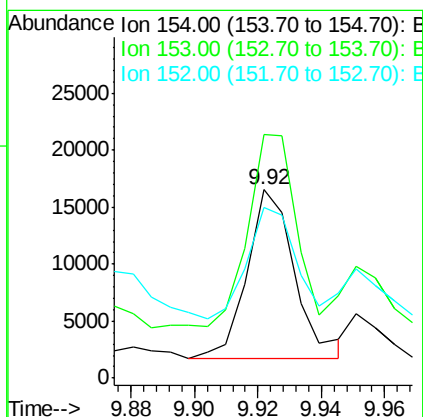
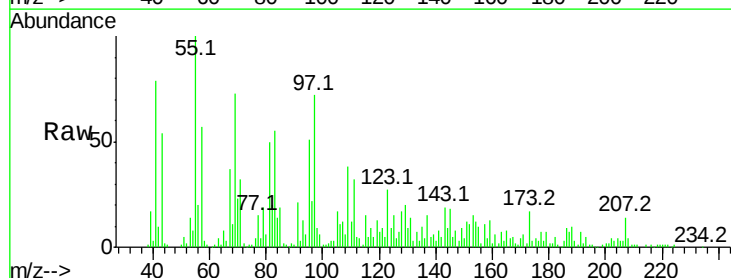
Instrument :
BNA_F
ClientSampleId :

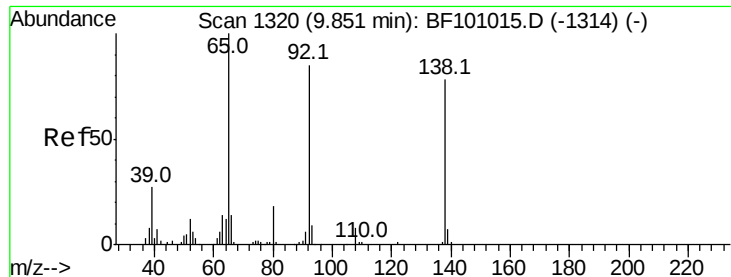
Tot Ion:165 Resp: 5259
Ion Ratio Lower Upper
165 100
63 18.4 44.7 67.1#
89 10.4 44.0 66.0#



#51
Acenaphthene
Concen: 3.693 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:154 Resp: 15531
Ion Ratio Lower Upper
154 100
153 129.2 91.2 136.8
152 90.7 43.8 65.8#

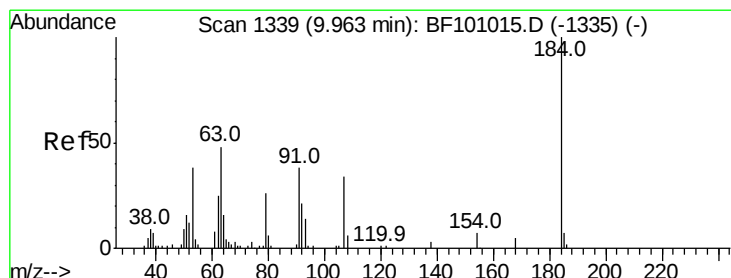
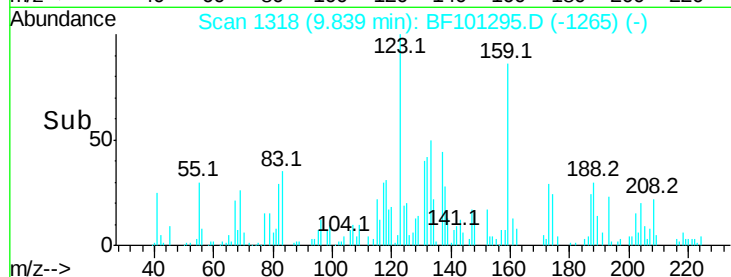
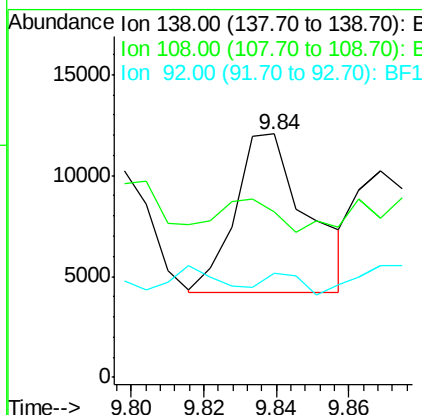
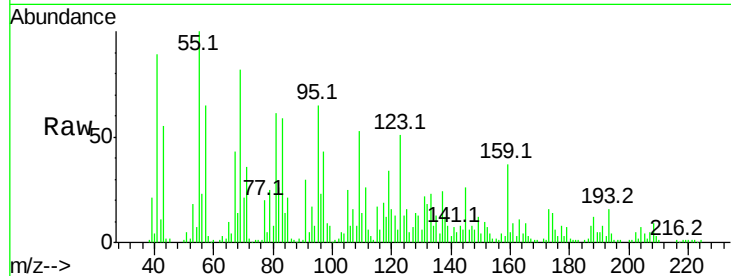




#52
3-Nitroaniline
Concen: 8.681 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

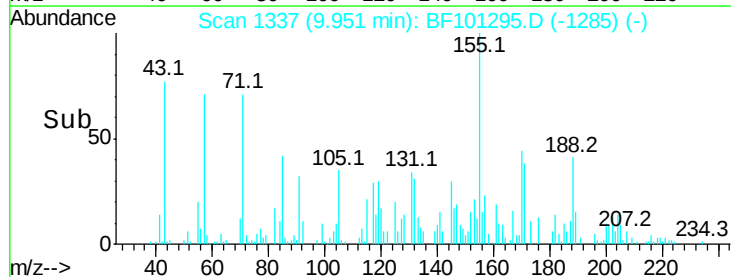
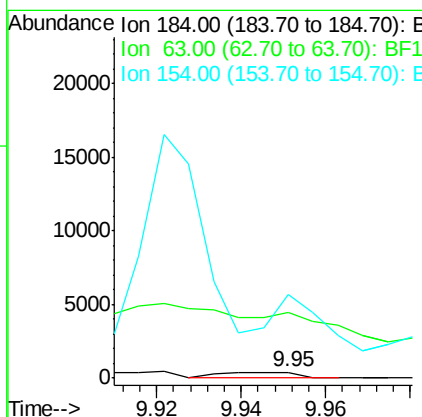
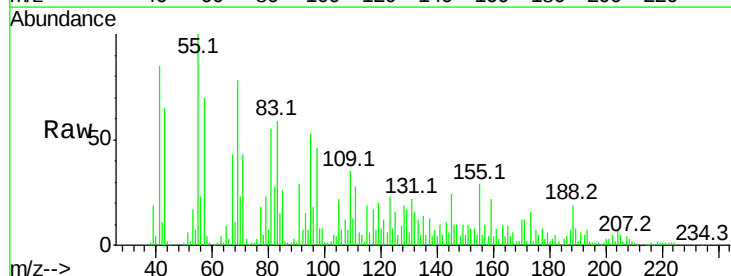
Instrument :
BNA_F
ClientSampleId :

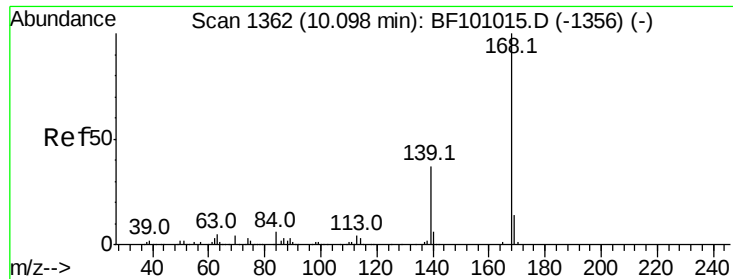
Tot Ion:138 Resp: 10892
Ion Ratio Lower Upper
138 100
108 68.2 9.4 14.0#
92 42.8 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 5.654 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:184 Resp: 505
Ion Ratio Lower Upper
184 100
63 1166.6 54.2 81.2#
154 1463.0 184.0 276.0#

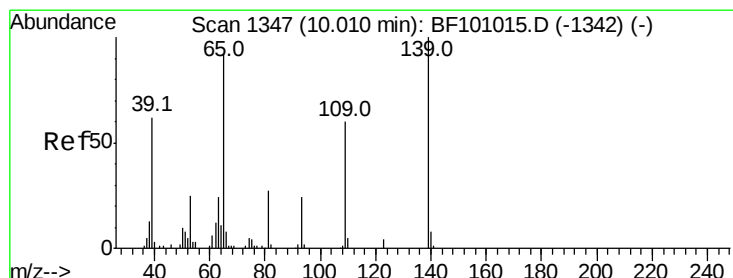
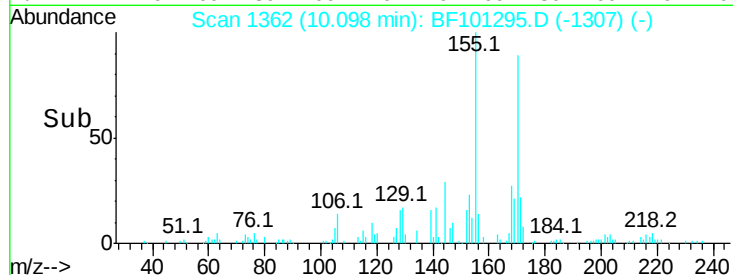
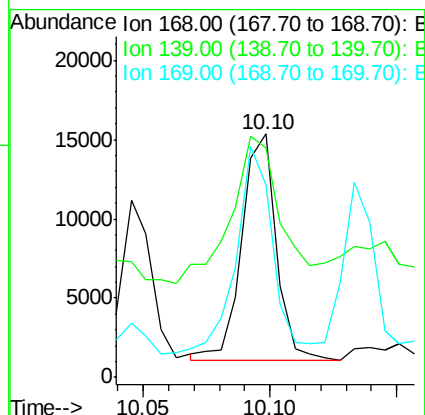
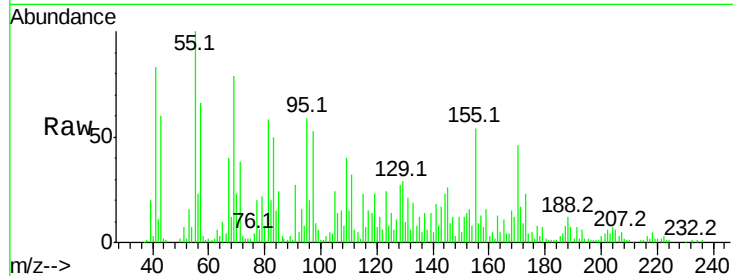




#54
Dibenzenofuran
Concen: 2.206 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.02 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

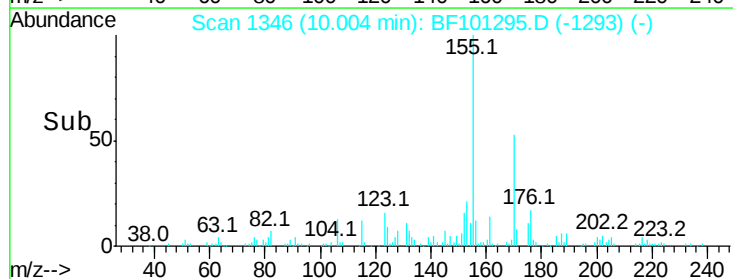
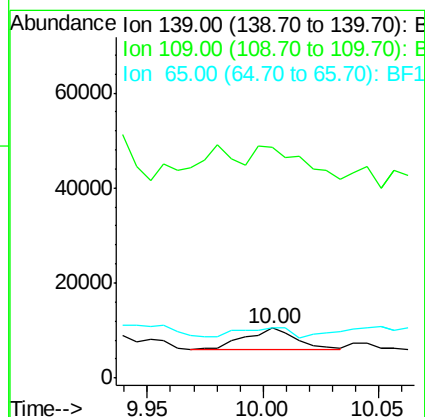
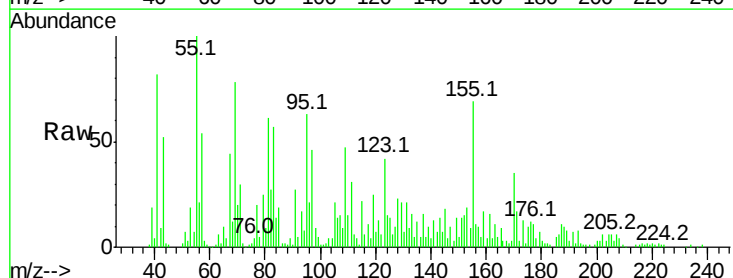
Instrument :
BNA_F
ClientSampleId :

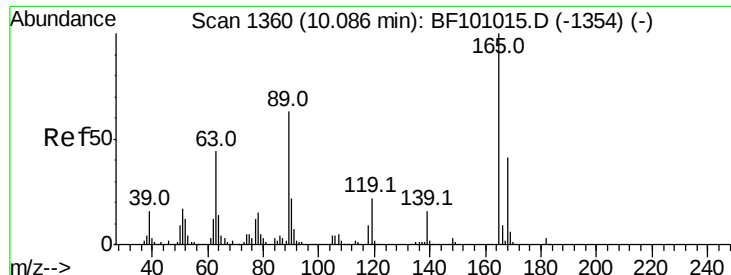
Tot Ion:168 Resp: 13371
Ion Ratio Lower Upper
168 100
139 94.3 30.1 45.1#
169 79.1 10.9 16.3#



#55
4-Nitrophenol
Concen: 8.470 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:139 Resp: 7167
Ion Ratio Lower Upper
139 100
109 460.6 48.4 88.4#
65 99.5 72.6 112.6

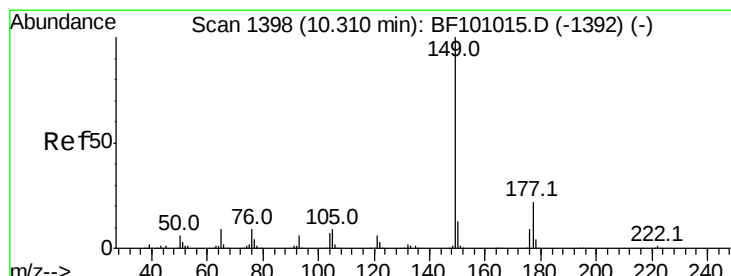
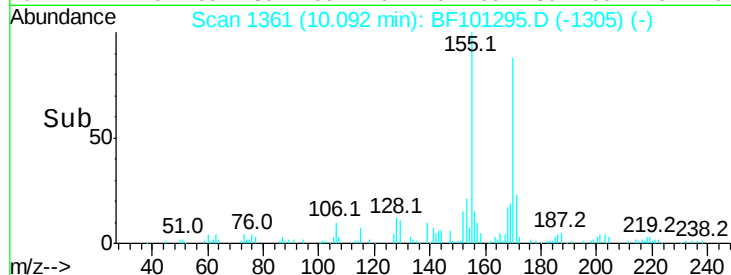
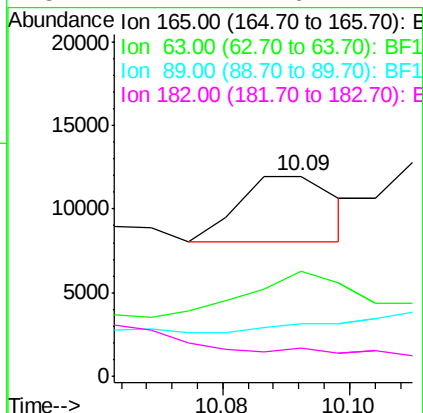
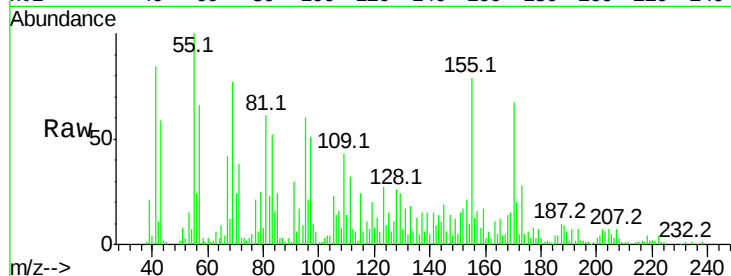




#56
2,4-Dinitrotoluene
Concen: 2.786 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.03 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

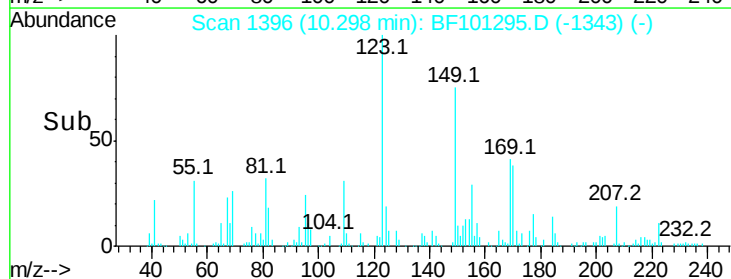
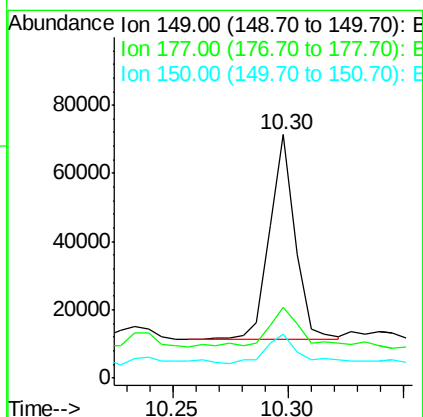
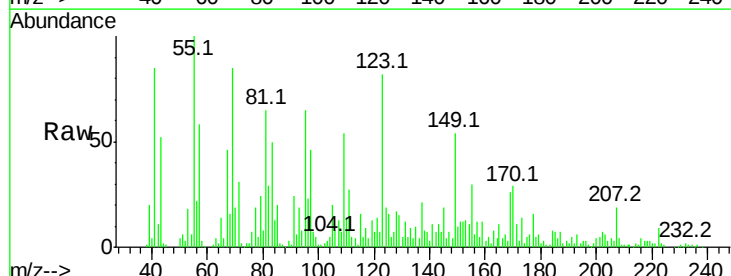
Instrument :
BNA_F
ClientSampleId :

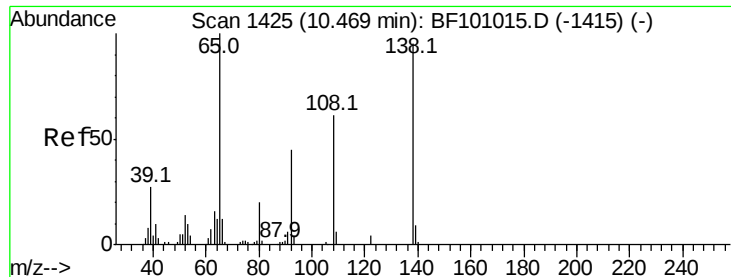
Tot Ion:165 Resp: 4166
Ion Ratio Lower Upper
165 100
63 52.1 36.4 54.6
89 26.4 57.8 86.6#
182 14.1 1.6 2.4#



#59
Diethylphthalate
Concen: 8.915 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:149 Resp: 46576
Ion Ratio Lower Upper
149 100
177 29.2 16.1 24.1#
150 17.8 10.1 15.1#

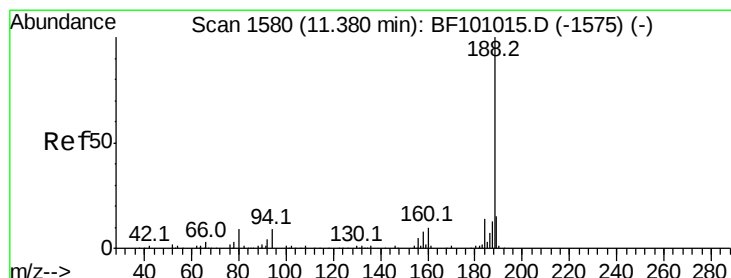
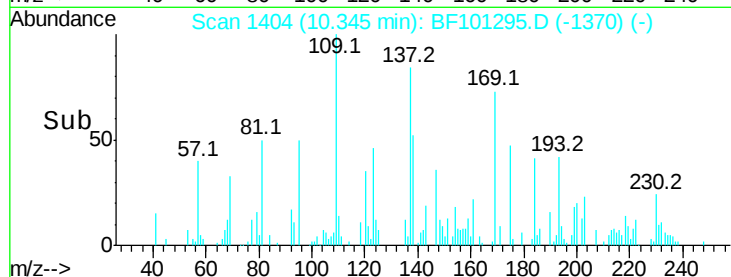
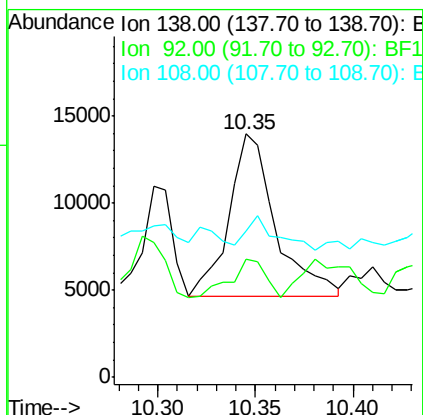
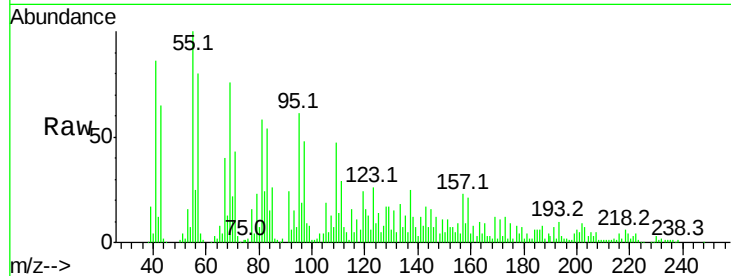




#61
4-Nitroaniline
Concen: 11.956 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.10 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

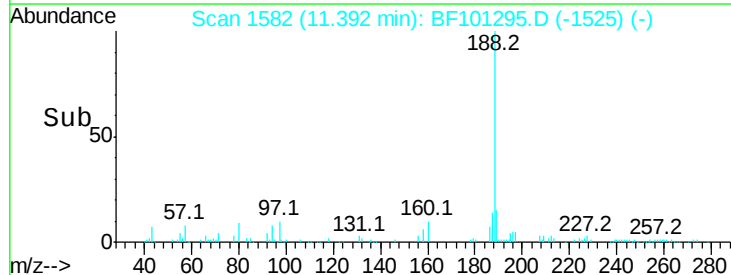
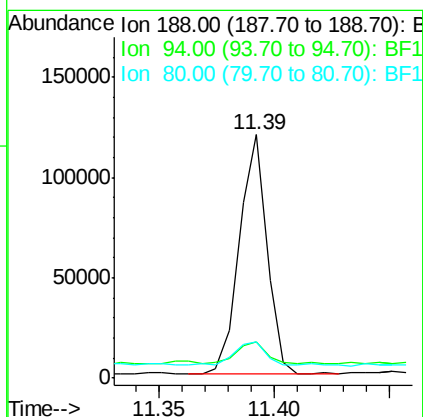
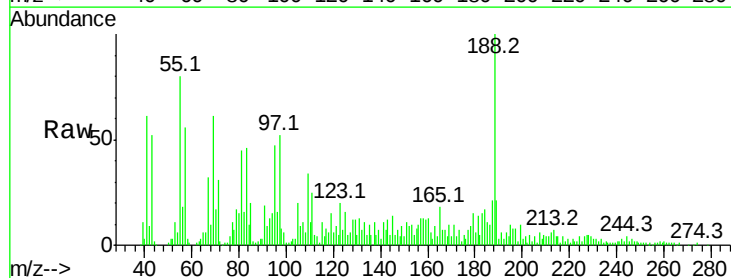
Instrument :
BNA_F
ClientSampled :

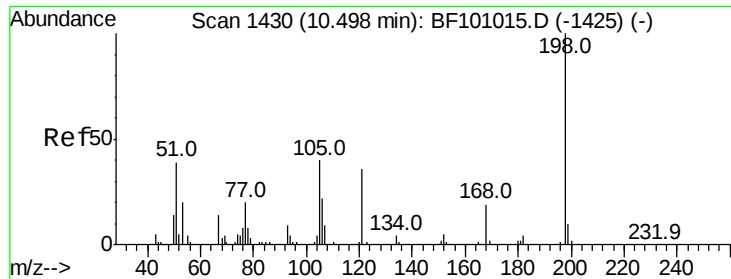
Tot Ion:138 Resp: 15571
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 60.2 52.5 92.5



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.04 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:188 Resp: 99747
Ion Ratio Lower Upper
188 100
94 14.7 8.5 12.7#
80 14.8 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.874 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

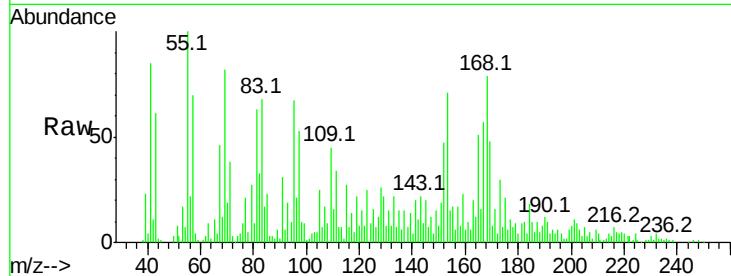
Tot Ion:198 Resp: 1923

Ion Ratio Lower Upper

198 100

51 368.0 37.7 77.7#

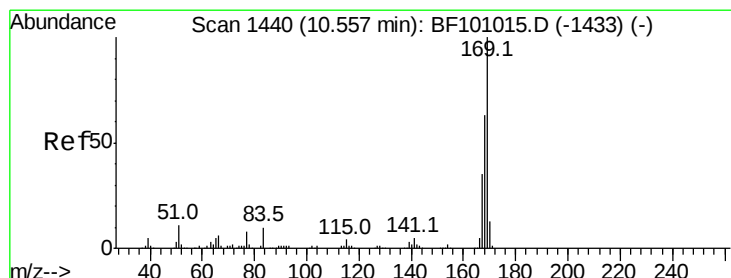
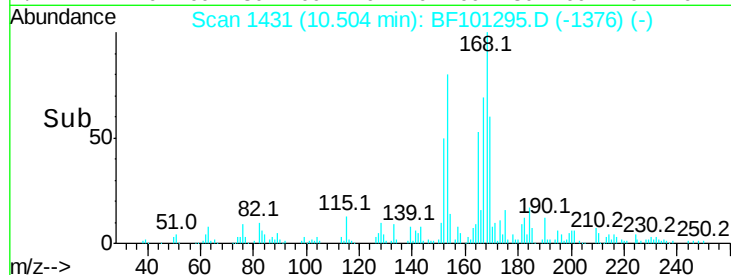
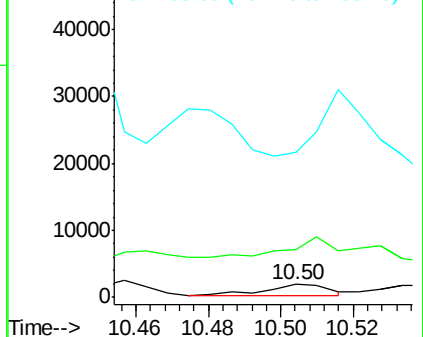
105 1111.9 36.3 76.3#



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: 35.724 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.03 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

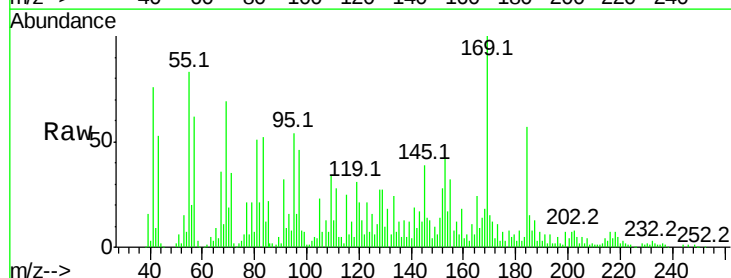
Tgt Ion:169 Resp: 125711

Ion Ratio Lower Upper

169 100

168 18.5 54.4 81.6#

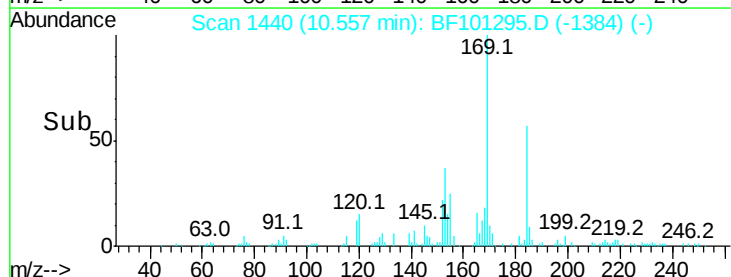
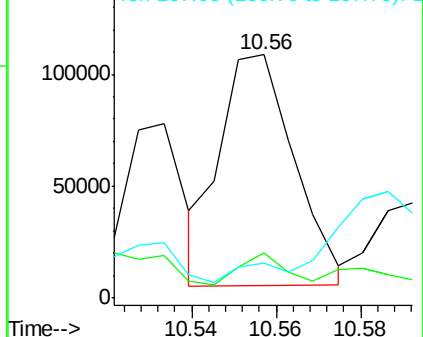
167 14.2 29.8 44.6#

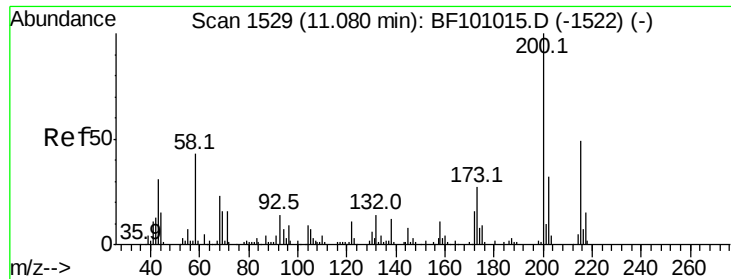


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

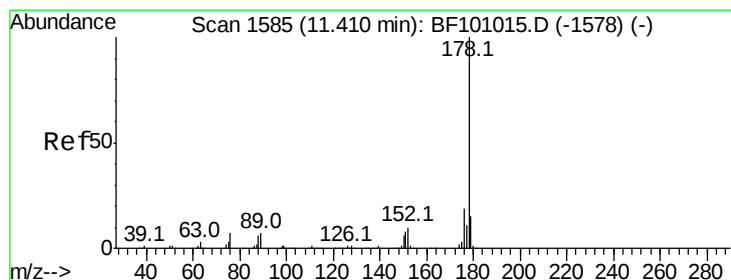
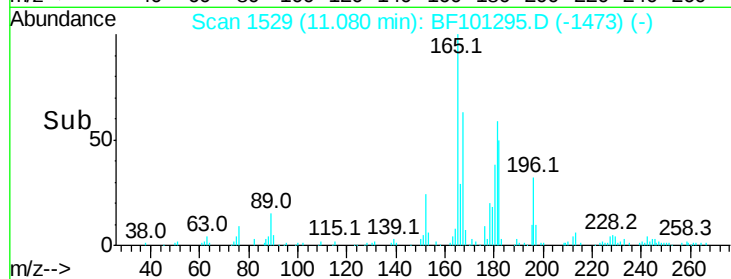
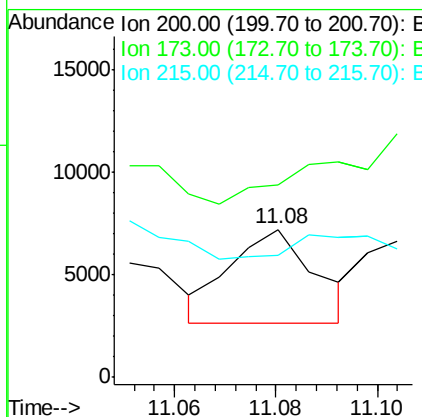
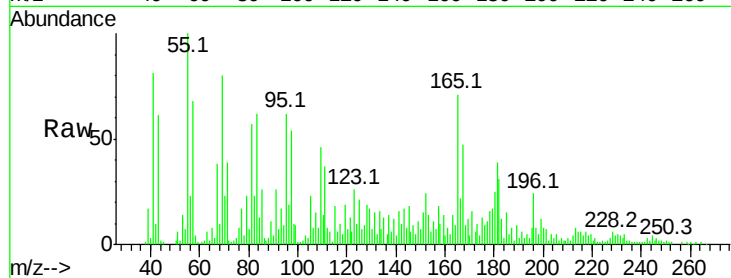




#68
 Atrazine
 Concen: 4.853 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.03 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

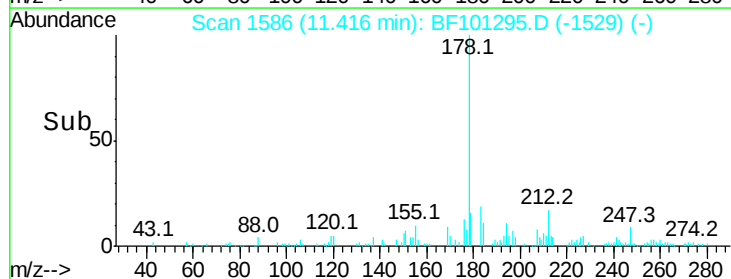
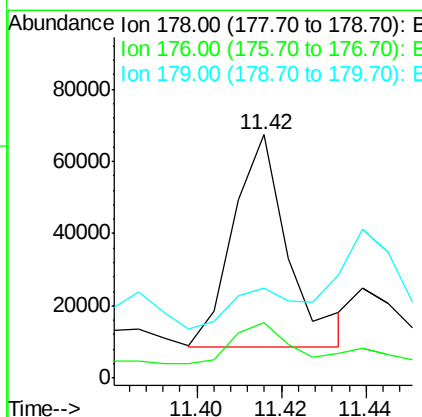
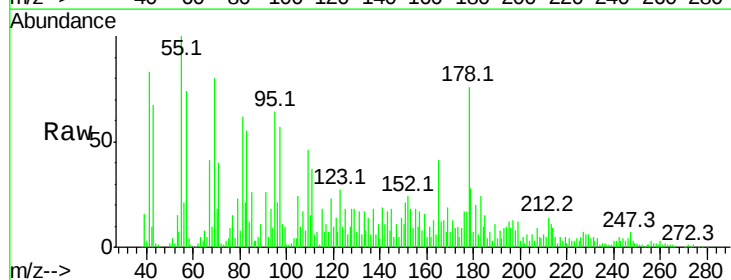
Instrument :
 BNA_F
 ClientSampleId :

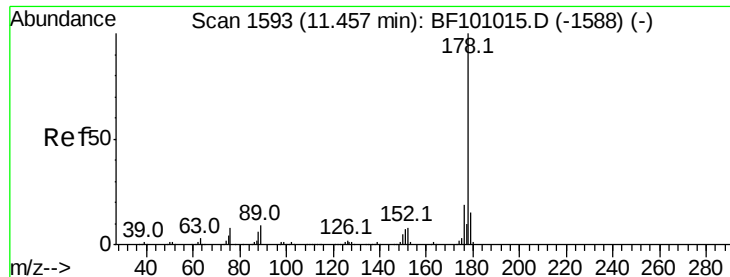
Tot Ion	Ratio	Lower	Upper
200	100		
173	129.9	8.6	48.6#
215	82.4	25.1	65.1#



#70
 Phenanthrene
 Concen: 9.713 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.04 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.9	15.8	23.8
179	37.2	13.0	19.6#





#71

Anthracene

Concen: 3.599 ng

RT: 11.47 min Scan# 1595

Delta R.T. 0.04 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampled :

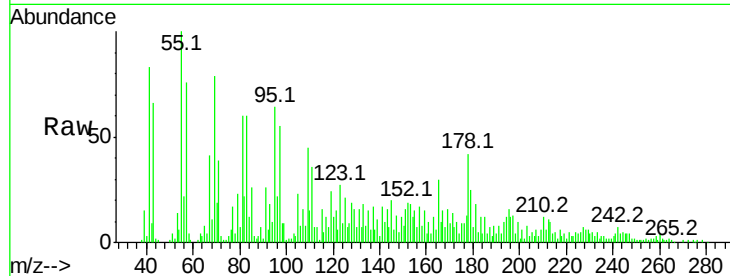
Tot Ion:178 Resp: 20010

Ion Ratio Lower Upper

178 100

176 21.8 15.4 23.2

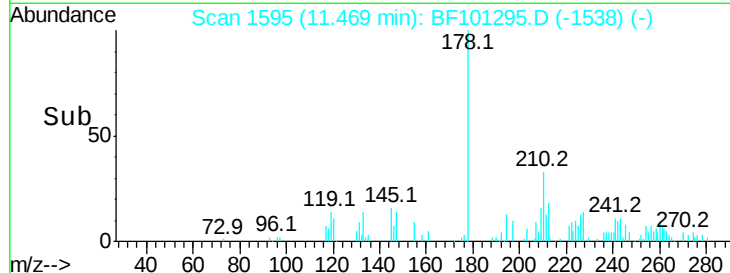
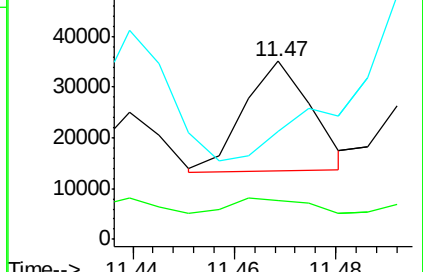
179 60.9 12.6 19.0#



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



#73

Di-n-butylphthalate

Concen: 16.209 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

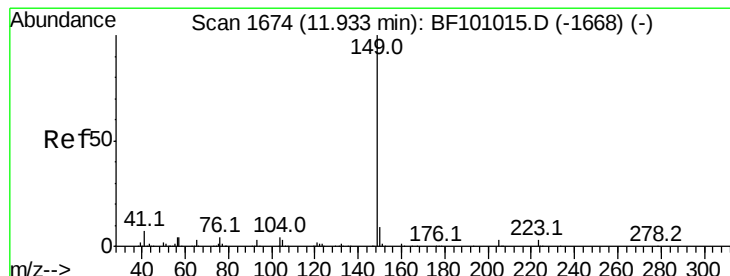
Tgt Ion:149 Resp: 103198

Ion Ratio Lower Upper

149 100

150 12.0 7.8 11.6#

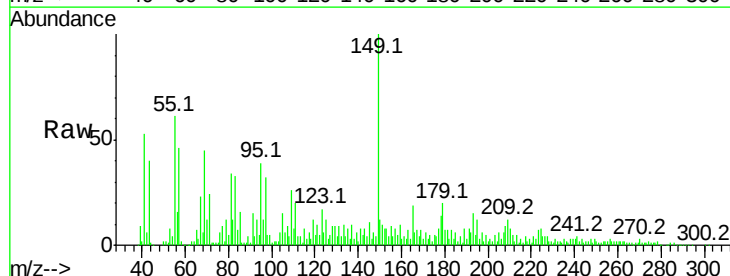
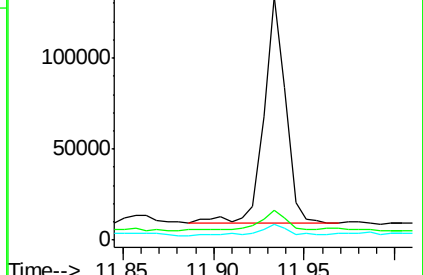
104 6.4 3.8 5.8#

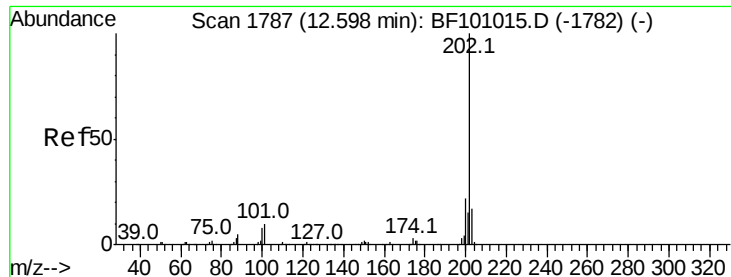


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 10.727 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.04 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

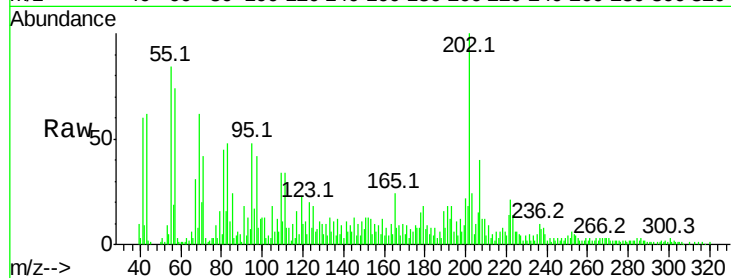
Tot Ion:202 Resp: 65316

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

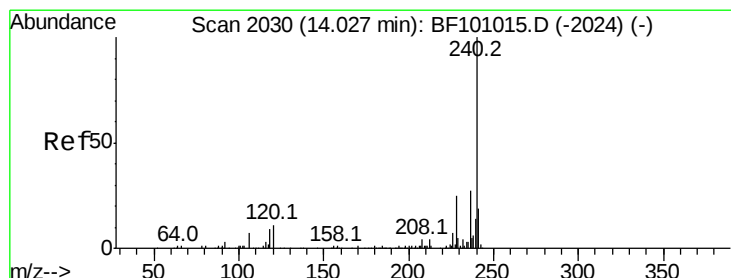
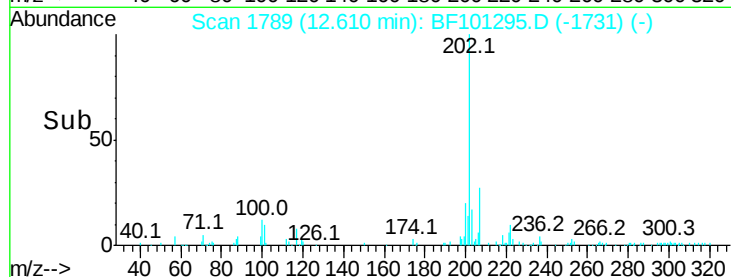
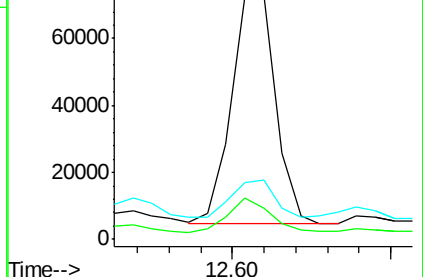
203 24.5 0.0 38.1



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: 14.03 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

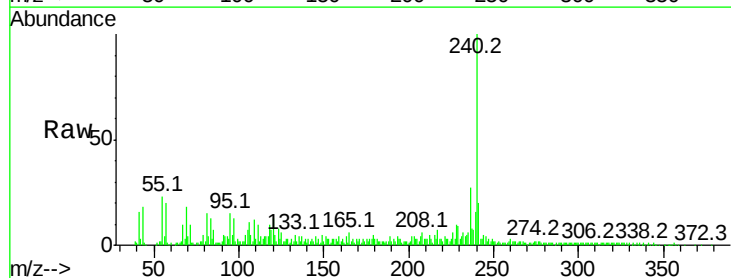
Tgt Ion:240 Resp: 92316

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

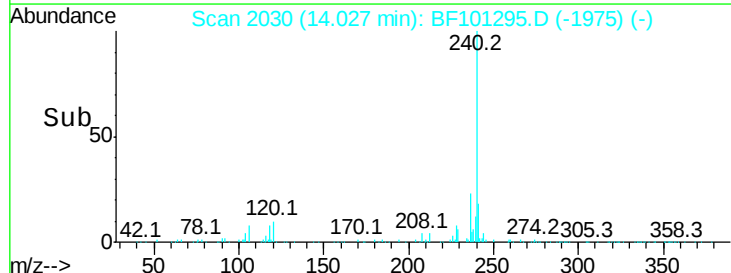
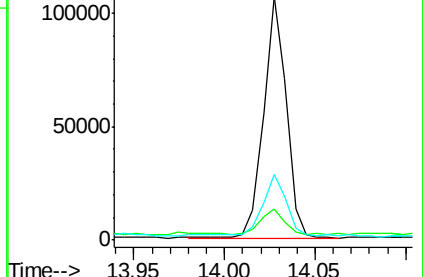
236 26.9 20.7 31.1

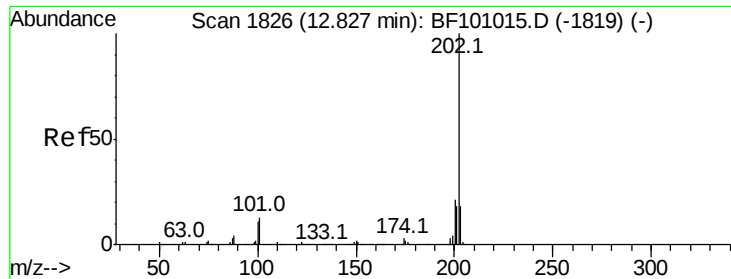


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 17.486 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.04 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

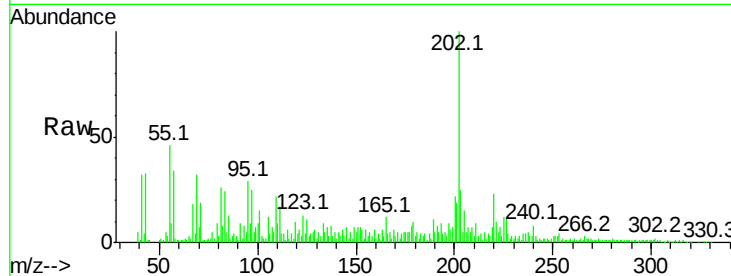
Tot Ion:202 Resp: 111386

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

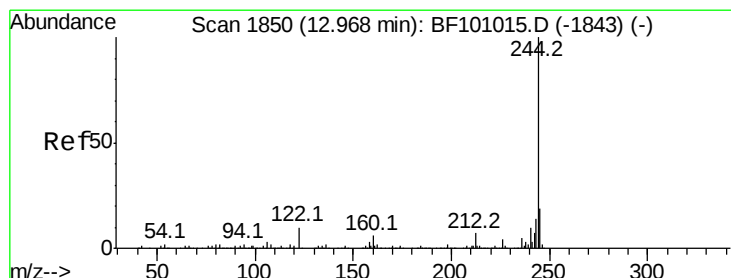
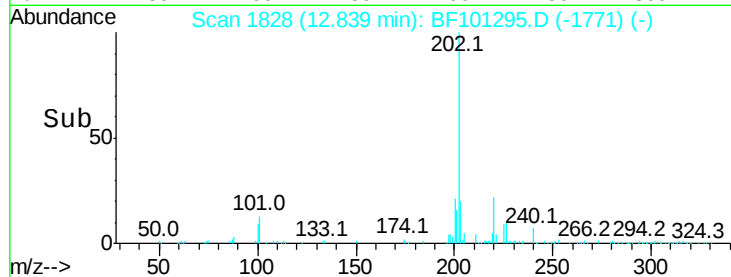
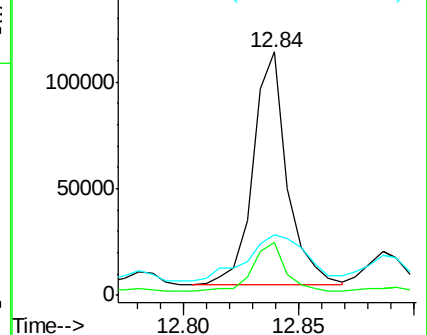
203 24.8 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.618 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.03 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

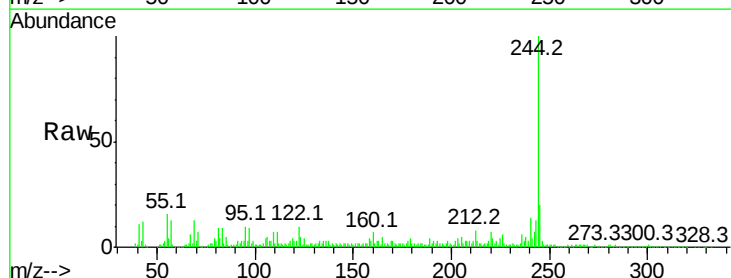
Tgt Ion:244 Resp: 260065

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

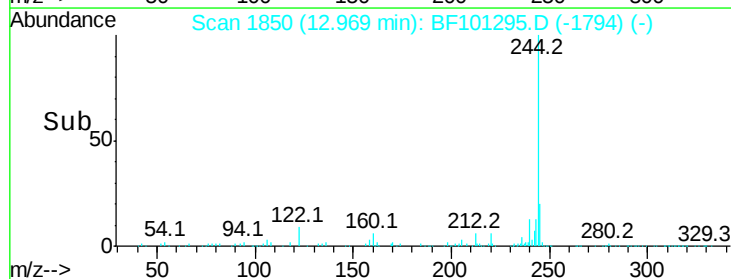
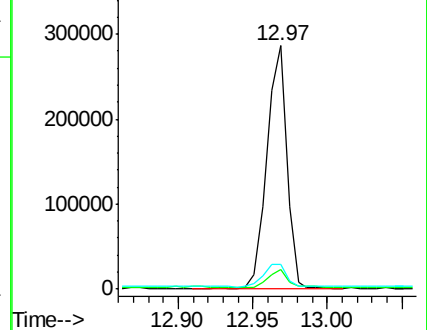
122 10.1 11.0 16.4#

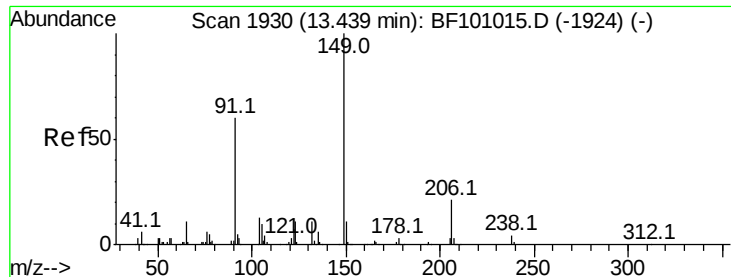


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

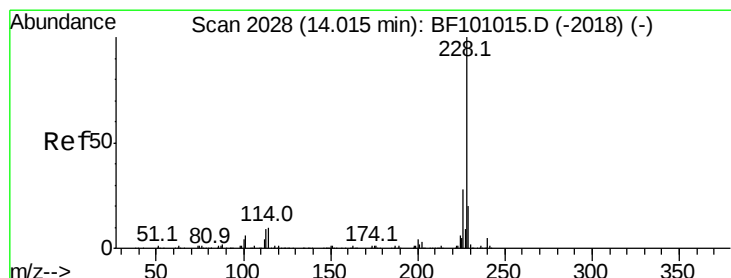
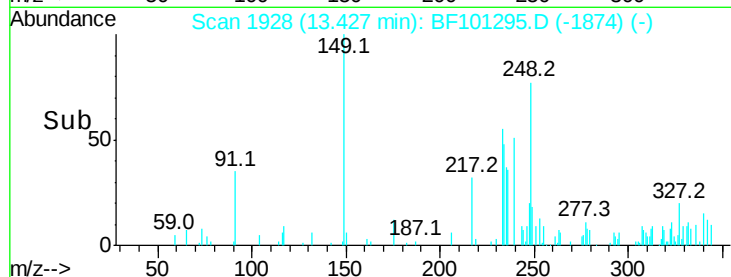
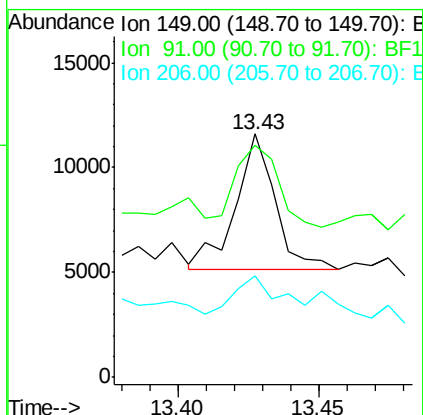
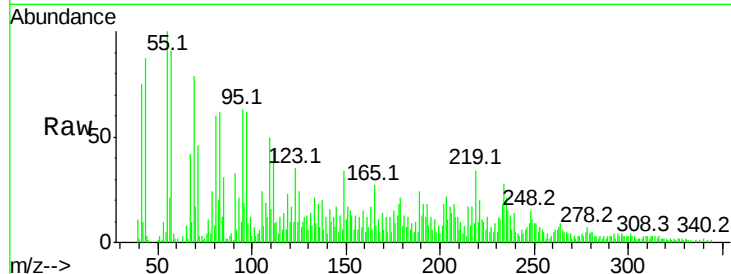




#79
Butylbenzylphthalate
Concen: 2.260 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.02 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

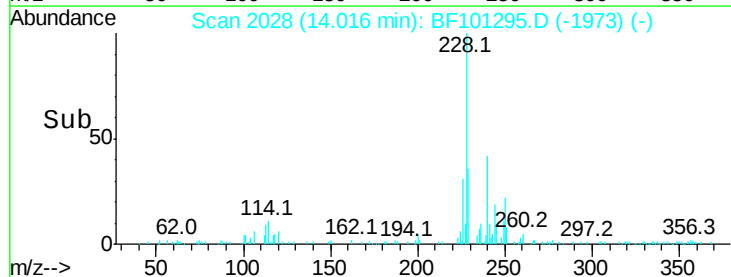
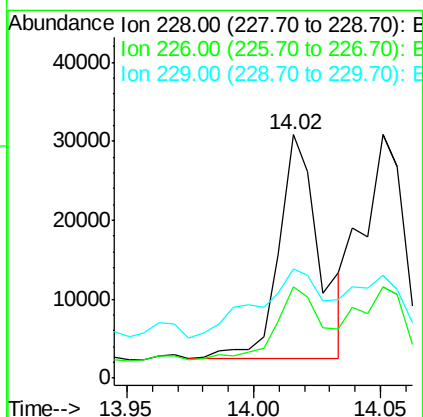
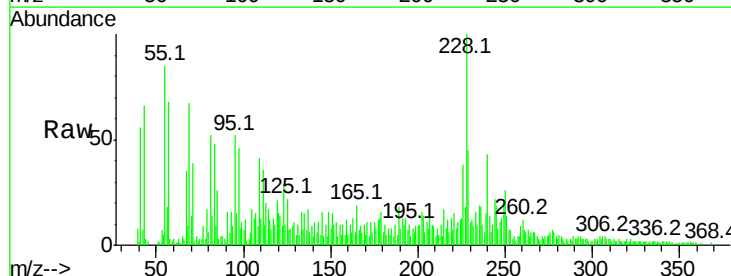
Instrument :
BNA_F
ClientSampleId :

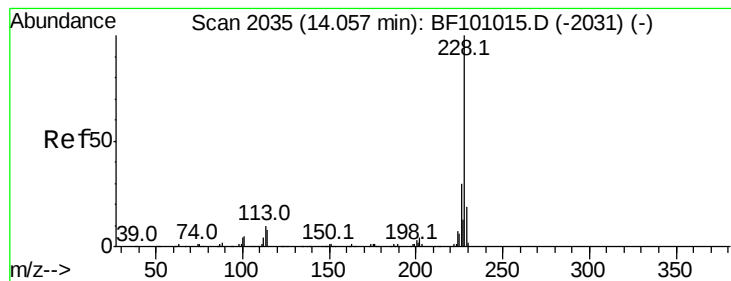
Tot Ion:149 Resp: 6347
Ion Ratio Lower Upper
149 100
91 95.2 56.8 85.2#
206 41.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 5.514 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF101295.D
Acq: 11 Dec 2017 17:49

Tgt Ion:228 Resp: 32142
Ion Ratio Lower Upper
228 100
226 37.6 22.6 33.8#
229 45.1 15.8 23.6#





#82

Chrysene

Concen: 6.324 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

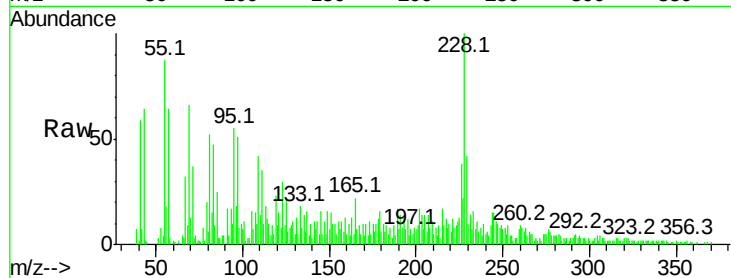
Tot Ion:228 Resp: 34233

Ion Ratio Lower Upper

228 100

226 37.6 25.0 37.6#

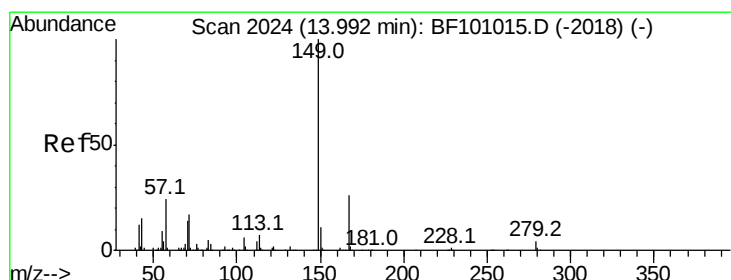
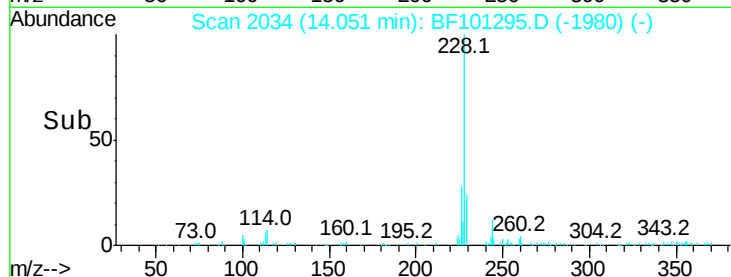
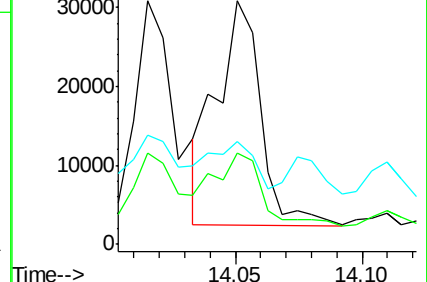
229 42.3 16.2 24.4#



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: 16.410 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

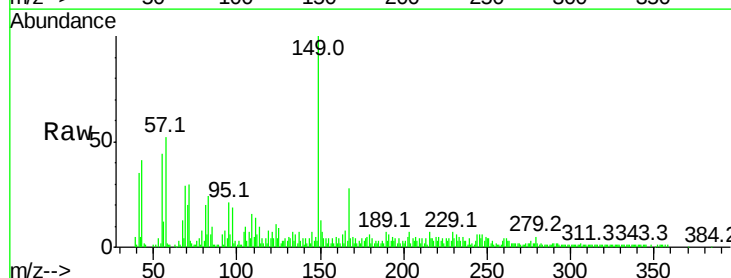
Tgt Ion:149 Resp: 65715

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

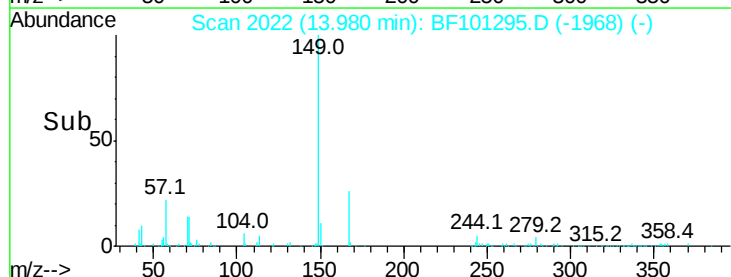
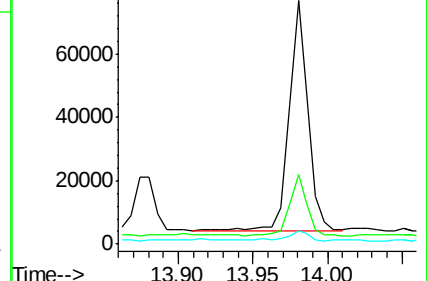
279 5.3 3.0 4.4#

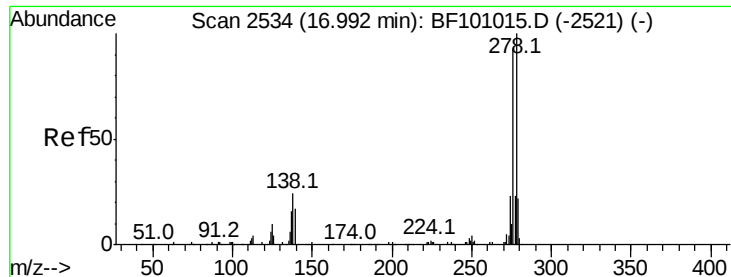


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

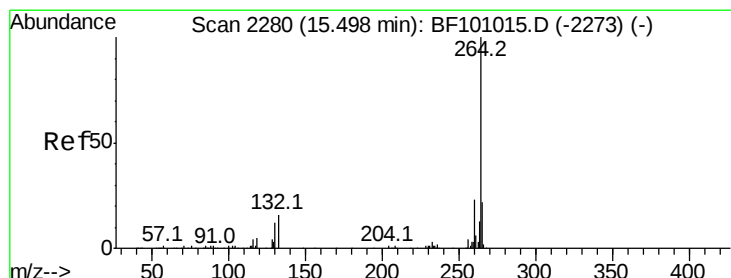
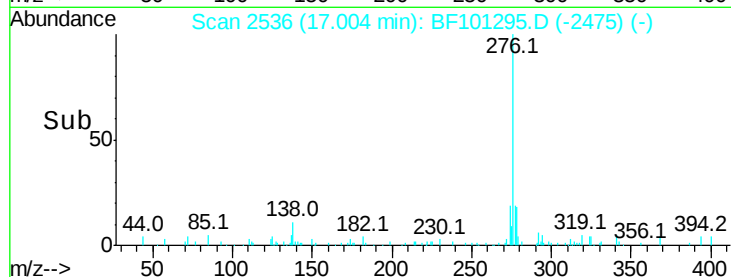
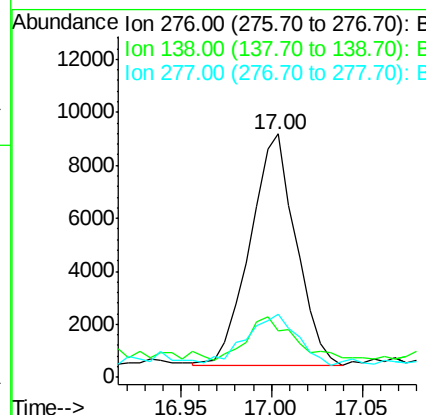
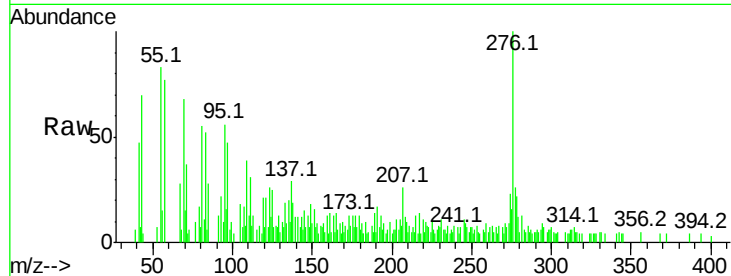




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.196 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.06 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

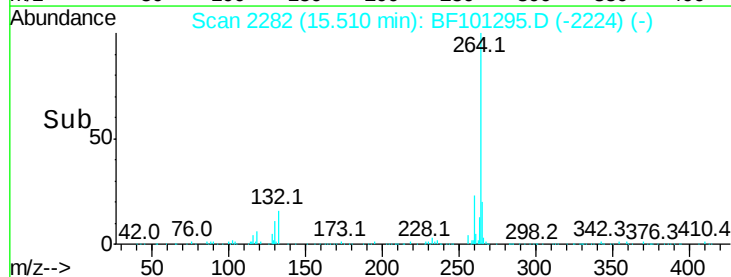
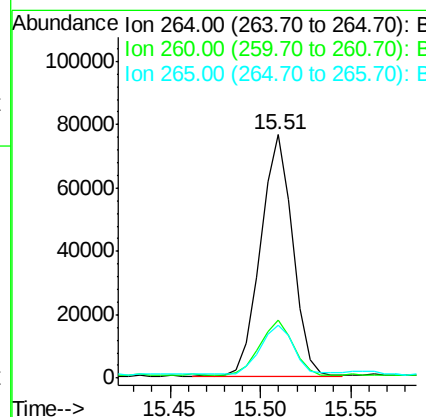
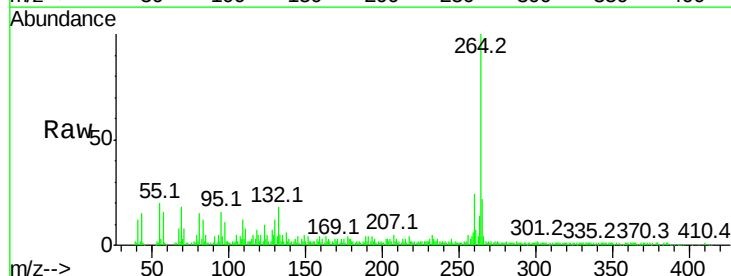
Instrument :
 BNA_F
 ClientSampleId :

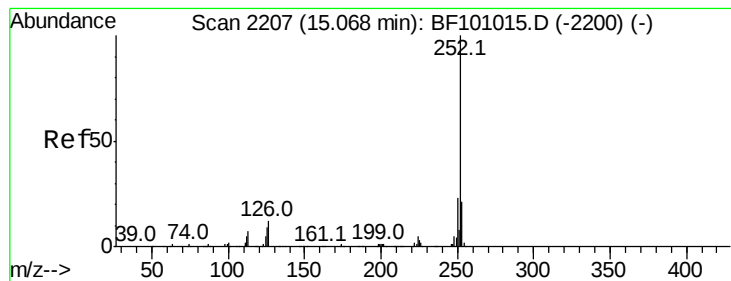
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	25.0	37.6#
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.04 min
 Lab File: BF101295.D
 Acq: 11 Dec 2017 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 8.184 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.04 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

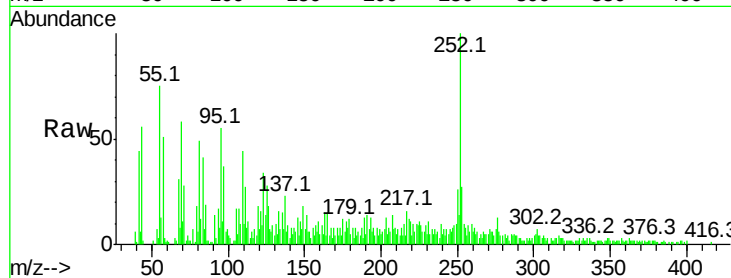
Tot Ion:252 Resp: 45998

Ion Ratio Lower Upper

252 100

253 27.4 17.0 25.6#

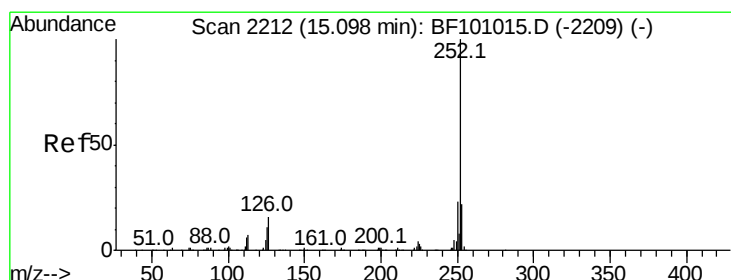
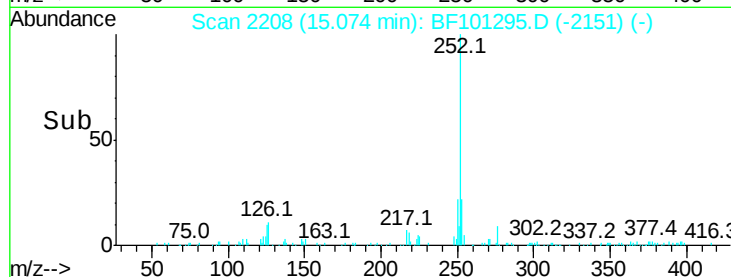
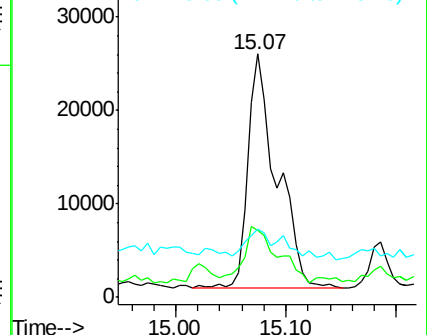
125 27.9 9.0 13.6#



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: 8.306 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

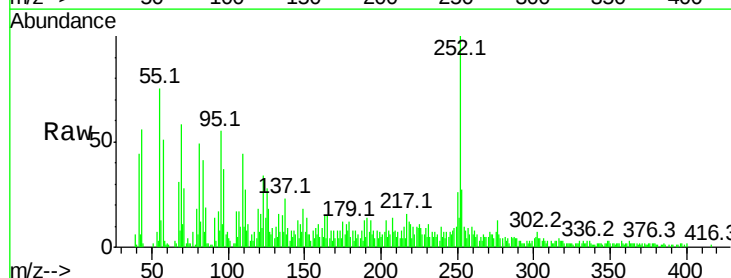
Tgt Ion:252 Resp: 45998

Ion Ratio Lower Upper

252 100

253 27.4 17.9 26.9#

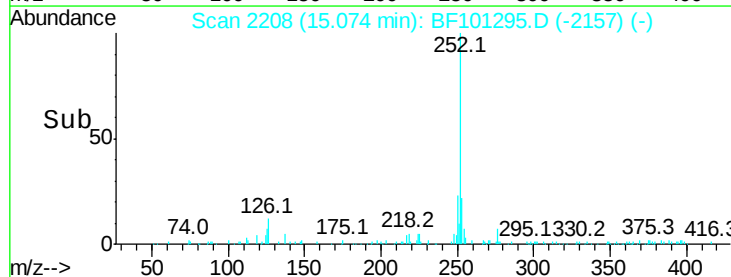
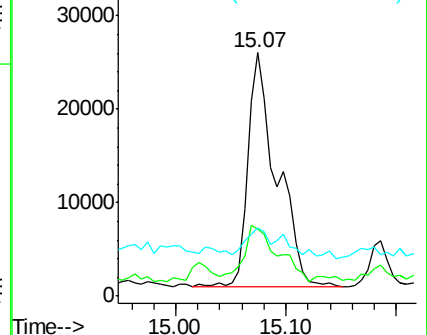
125 27.9 10.2 15.2#

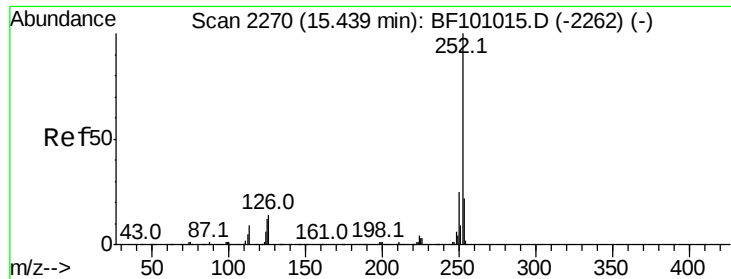


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.377 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.04 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

Instrument :

BNA_F

ClientSampleId :

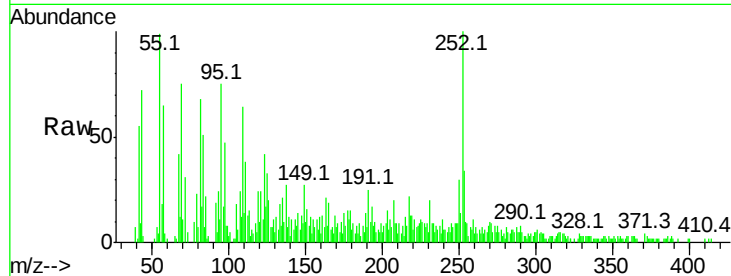
Tot Ion:252 Resp: 22368

Ion Ratio Lower Upper

252 100

253 34.0 17.1 25.7#

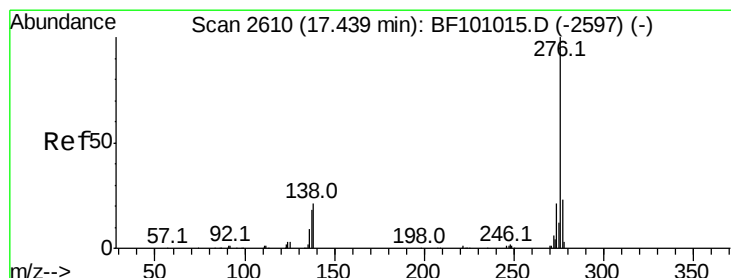
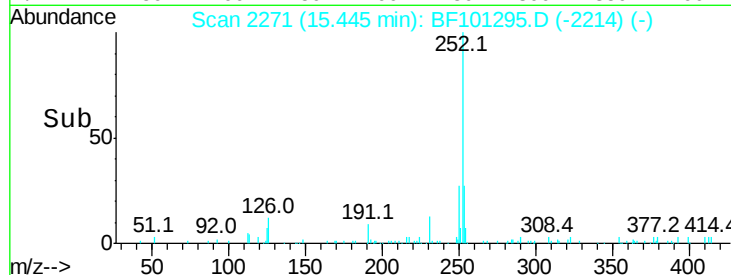
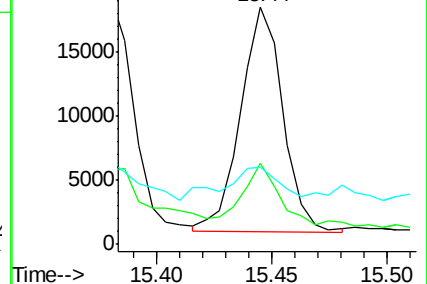
125 32.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 4.060 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.06 min

Lab File: BF101295.D

Acq: 11 Dec 2017 17:49

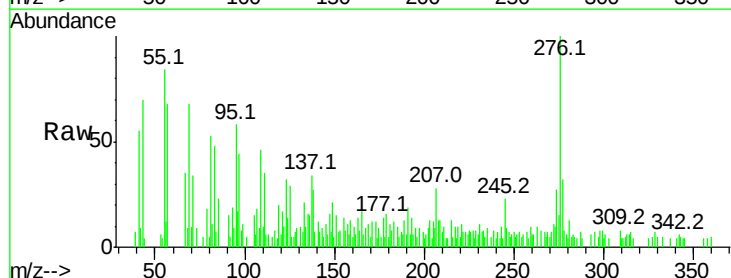
Tgt Ion:276 Resp: 17236

Ion Ratio Lower Upper

276 100

277 31.9 17.9 26.9#

138 26.6 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

