

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101342.D
 Acq On : 12 Dec 2017 20:53
 Operator : SJ/JU
 Sample : I6822-13 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 00:40:57 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	6.82	152	41625	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	154093	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	60296	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	104299	20.00	ng	0.00
75) Chrysene-d12	14.01	240	99869	20.00	ng	0.00
86) Perylene-d12	15.49	264	80768	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	134329	53.33	ng	0.00
7) Phenol-d6	6.46	99	159185	52.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	93292	36.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	29391	40.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	193739	43.96	ng	-0.01
78) Terphenyl-d14	12.94	244	164801	36.09	ng	0.00

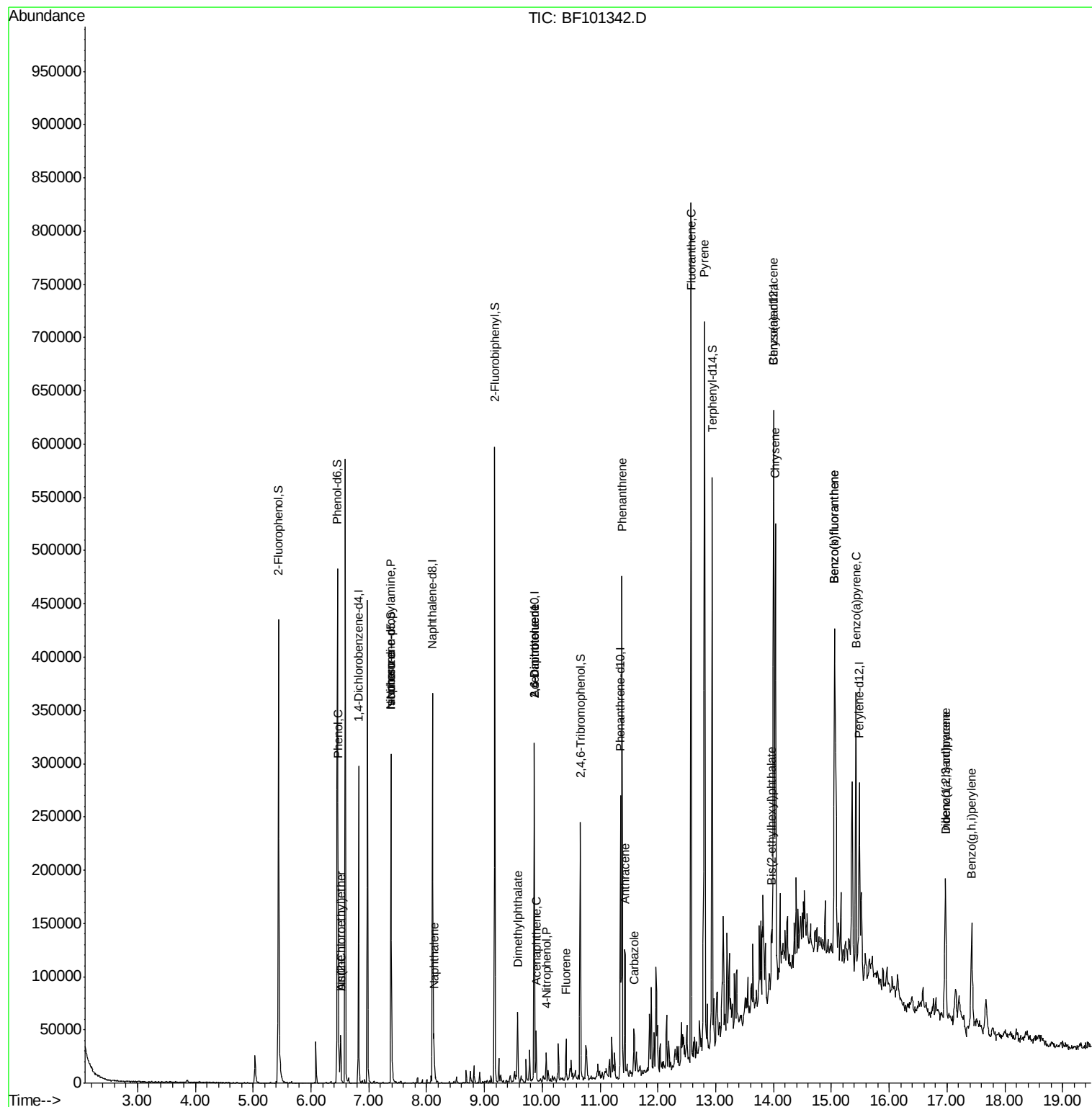
Target Compounds				Qvalue		
6) Aniline	6.52	93	8981	2.258	ng	# 53
10) Phenol	6.47	94	8375	2.463	ng	83
11) bis(2-Chloroethyl)ether	6.52	93	8981	3.521	ng	# 21
19) n-Nitroso-di-n-propylamine	7.39	70	12133	5.891	ng	# 85
25) Isophorone	7.39	82	93291	21.143	ng	# 64
31) Naphthalene	8.13	128	18699	2.462	ng	97
49) Dimethylphthalate	9.57	163	24327	5.003	ng	# 98
50) 2,6-Dinitrotoluene	9.86	165	7936	7.748	ng	# 24
51) Acenaphthene	9.89	154	9811	2.541	ng	97
55) 4-Nitrophenol	10.07	139	3826	4.926	ng	# 9
56) 2,4-Dinitrotoluene	9.86	165	7936	5.782	ng	# 21
57) Fluorene	10.41	166	10746	2.376	ng	99
70) Phenanthrene	11.38	178	166455	28.980	ng	97
71) Anthracene	11.43	178	49586	8.530	ng	99
72) Carbazole	11.59	167	16587	3.123	ng	99
74) Fluoranthene	12.57	202	314394	49.380	ng	94
77) Pyrene	12.80	202	297212	43.129	ng	98
80) Benzo(a)anthracene	14.00	228	187235	29.694	ng	100
82) Chrysene	14.03	228	153515	26.215	ng	96
83) Bis(2-ethylhexyl)phthalate	13.96	149	14135	3.263	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	73035	14.028	ng	# 87
87) Benzo(b)fluoranthene	15.06	252	243667	50.367	ng	95
88) Benzo(k)fluoranthene	15.06	252	243667	51.123	ng	96
89) Benzo(a)pyrene	15.43	252	126615	28.788	ng	96
90) Dibenzo(a,h)anthracene	16.97	278	19464	5.020	ng	97
91) Benzo(g,h,i)perylene	17.43	276	72190	19.756	ng	93

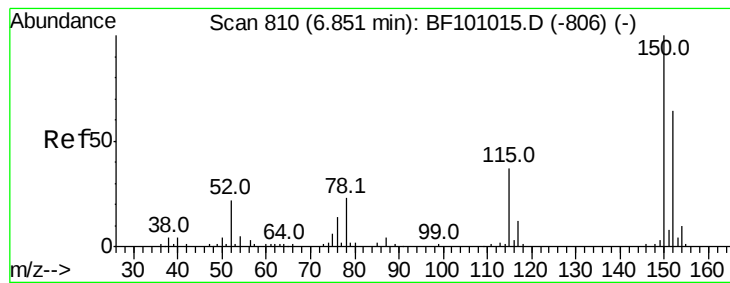
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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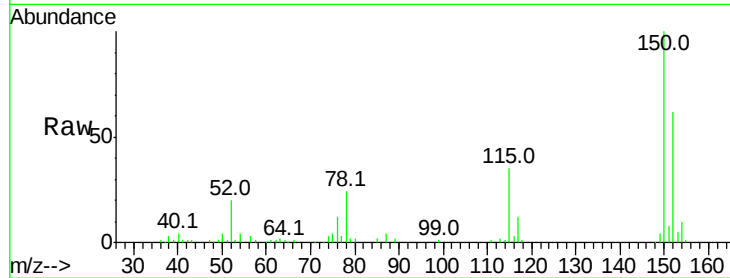


#1

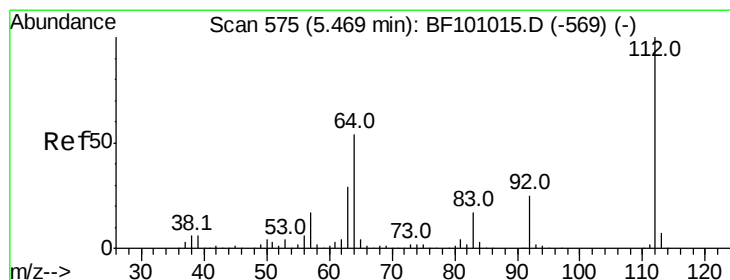
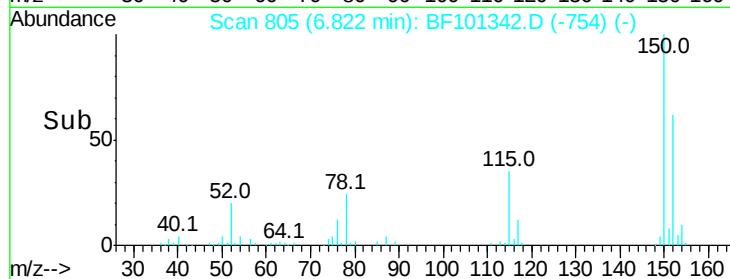
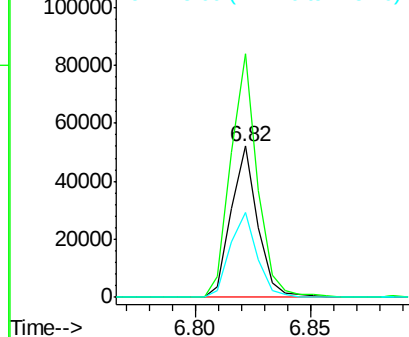
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41625
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 56.6 50.1 75.1



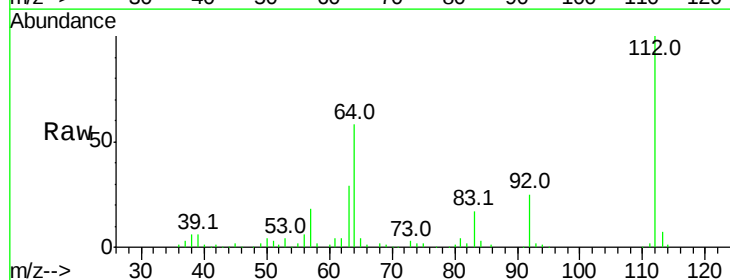
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



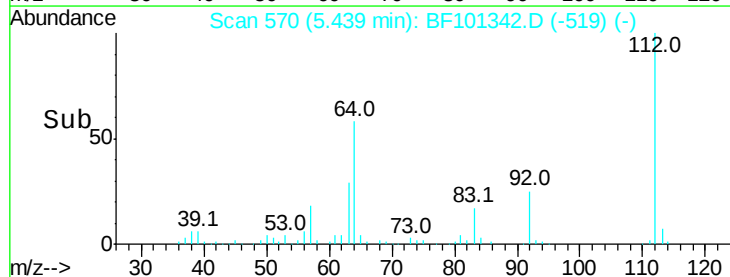
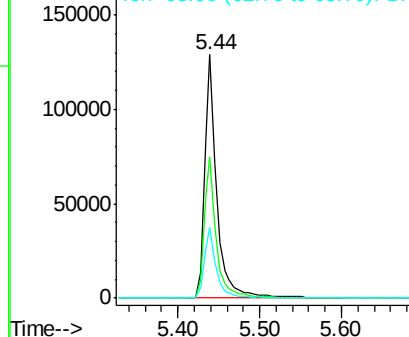
#5

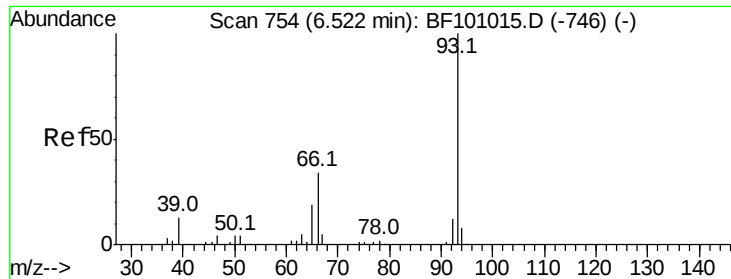
2-Fluorophenol
Concen: 53.326 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:112 Resp: 134329
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.9 23.7 35.5



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





#6

Aniline

Concen: 2.258 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

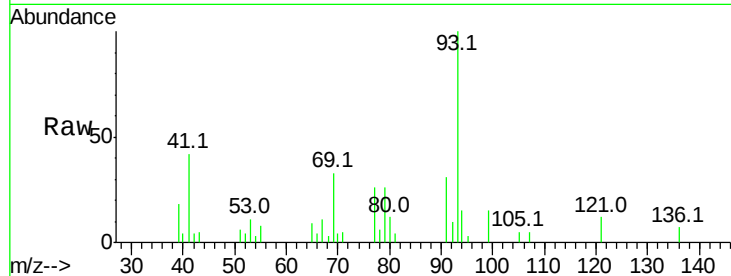
Tot Ion: 93 Resp: 8981

Ion Ratio Lower Upper

93 100

66 4.2 32.2 48.2#

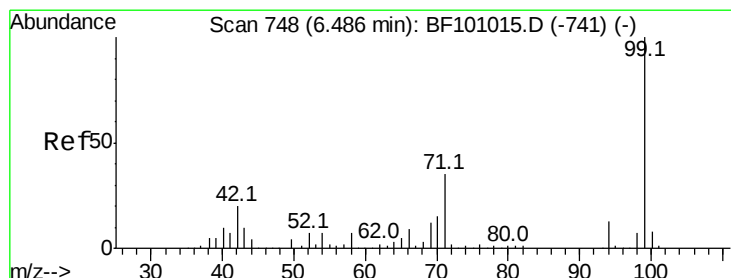
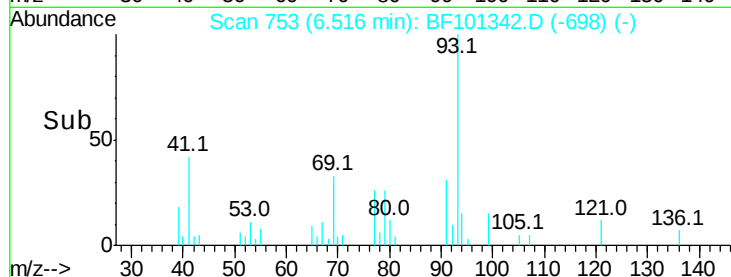
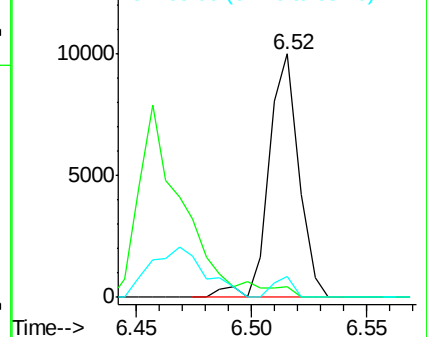
65 8.8 16.4 24.6#



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: 52.050 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

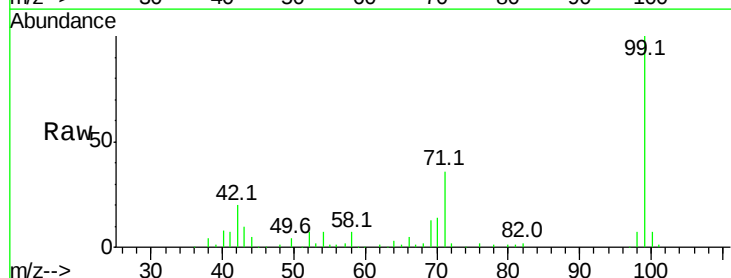
Tgt Ion: 99 Resp: 159185

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

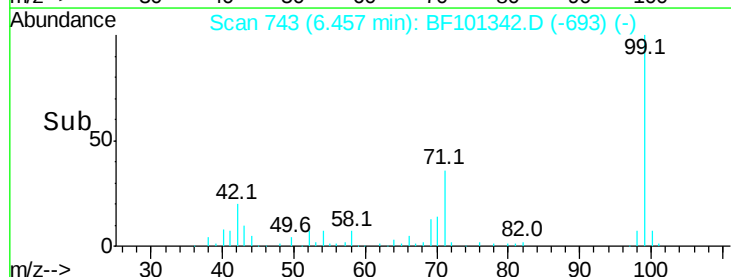
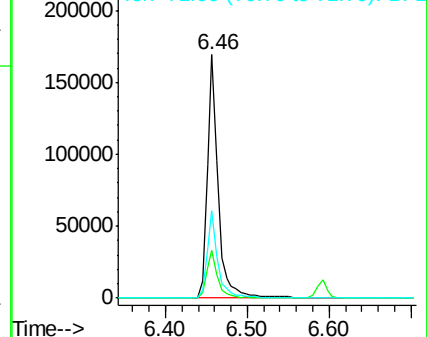
71 36.2 25.4 38.0

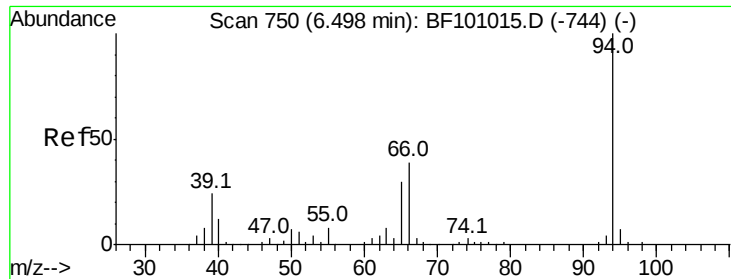


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 2.463 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampled :

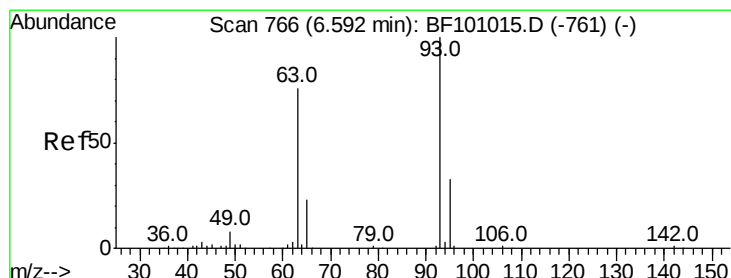
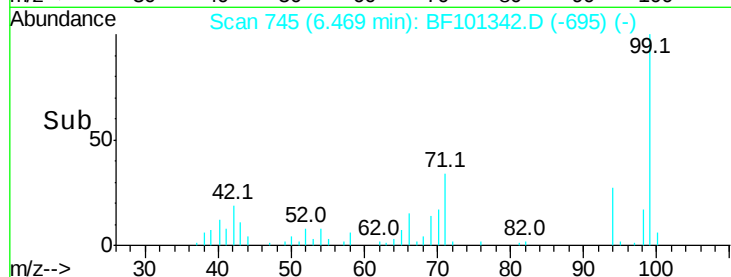
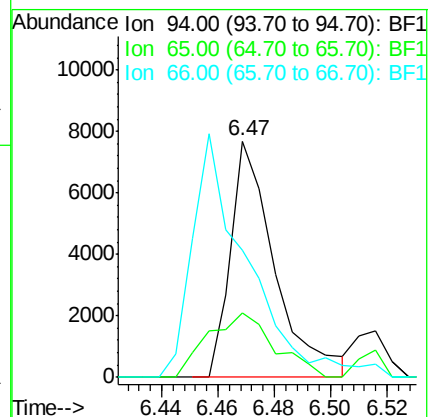
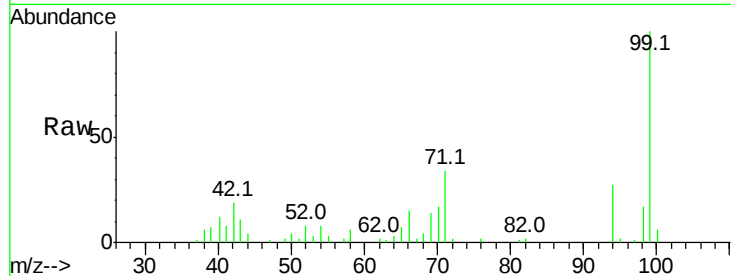
Tot Ion: 94 Resp: 8375

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 53.8 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 3.521 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

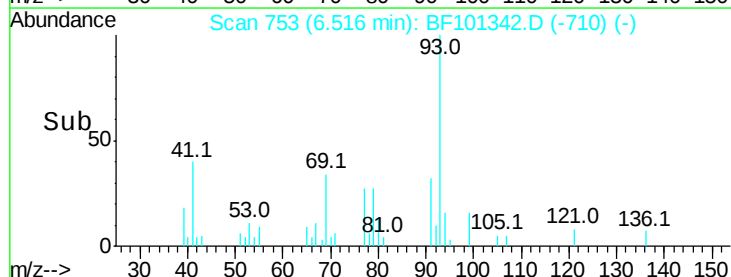
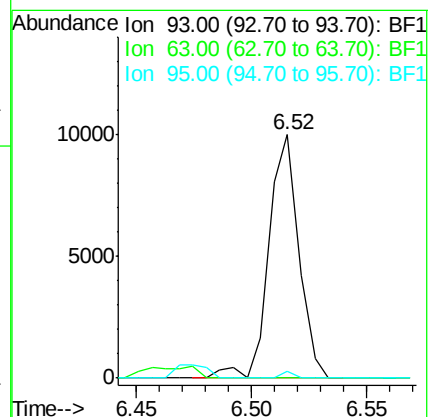
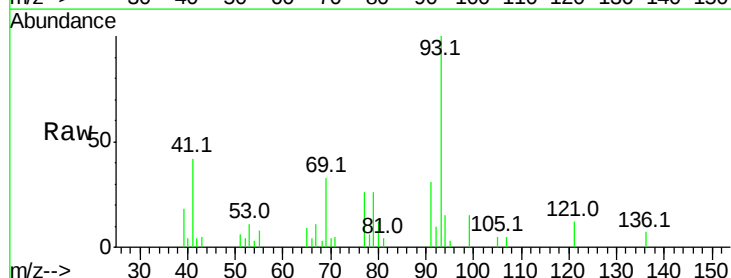
Tgt Ion: 93 Resp: 8981

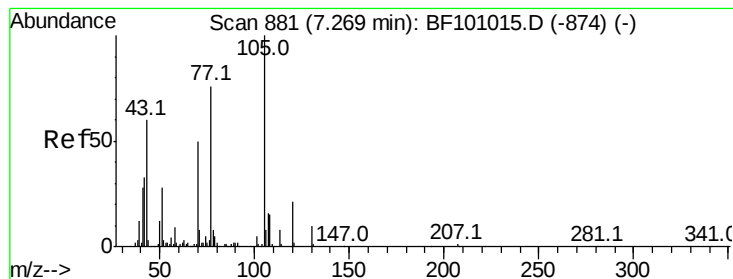
Ion Ratio Lower Upper

93 100

63 0.0 58.6 98.6#

95 3.0 11.8 51.8#





#19

n-Nitroso-di-n-propylamine

Concen: 5.891 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101342.D

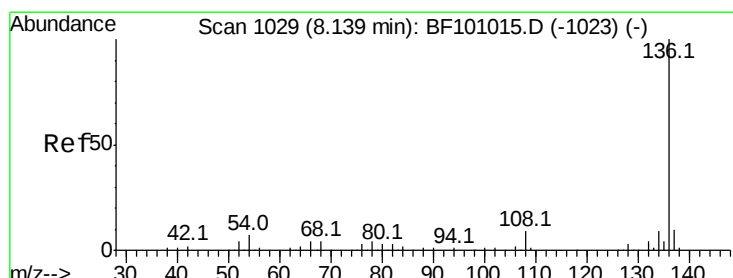
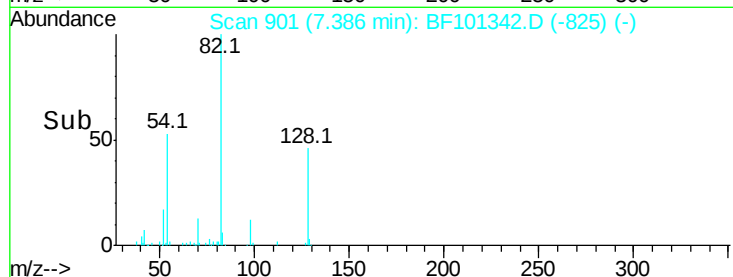
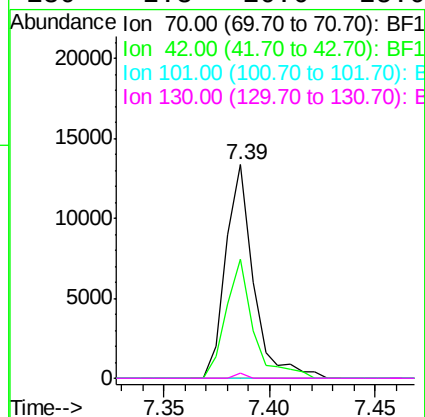
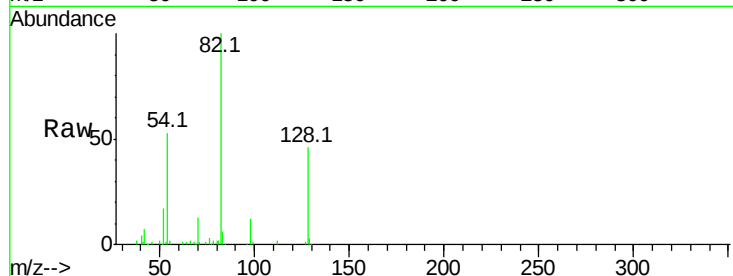
Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	12133
Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

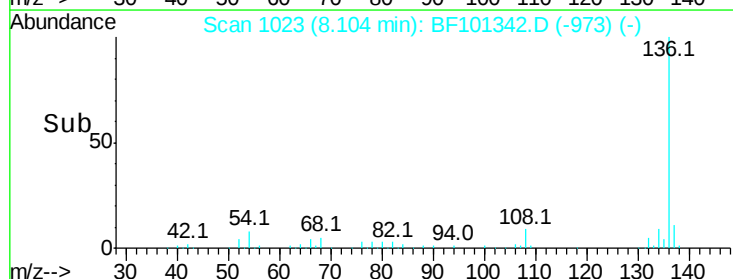
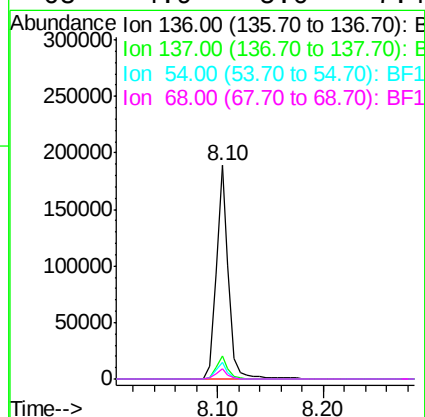
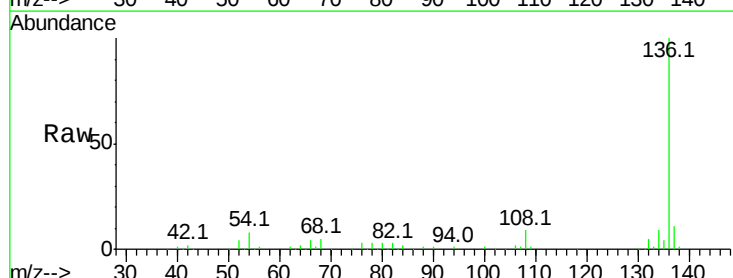
RT: 8.10 min Scan# 1023

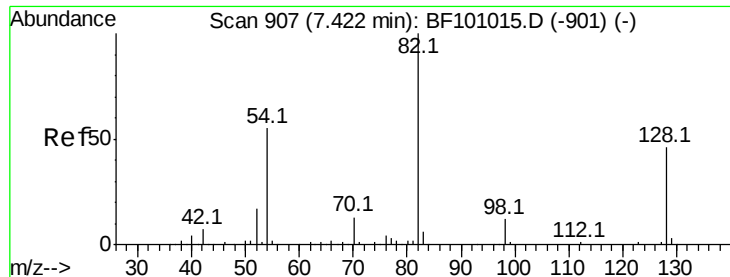
Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Tgt Ion:	136	Resp:	154093
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	4.9	5.0	7.4#

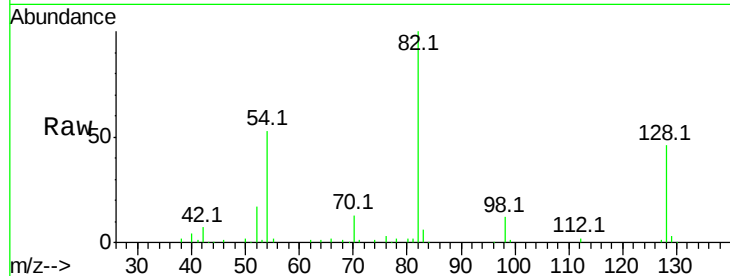




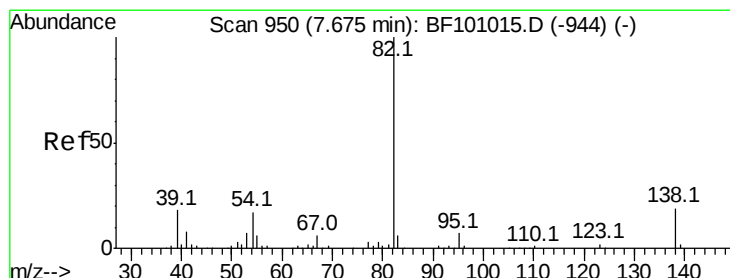
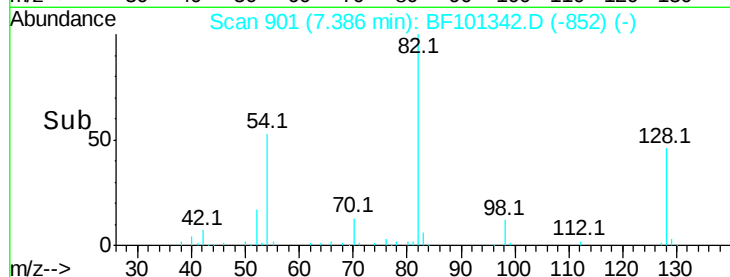
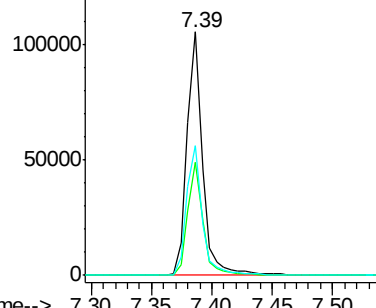
#23
 Nitrobenzene-d5
 Concen: 36.116 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	93292
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	53.4	41.4	62.2

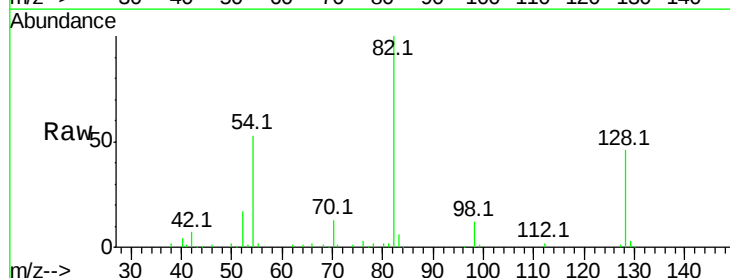


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

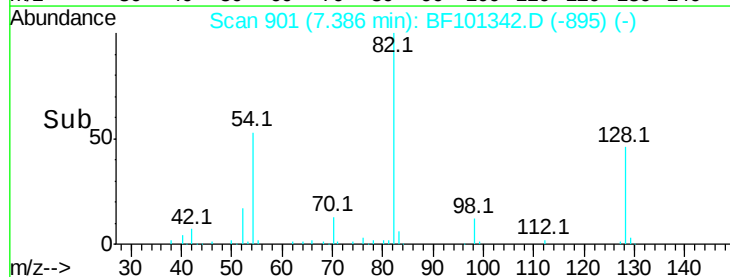
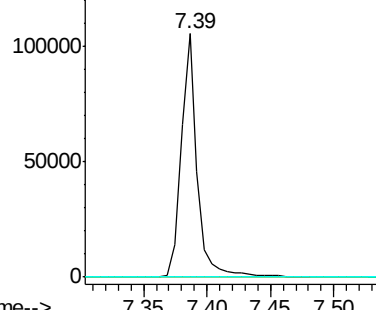


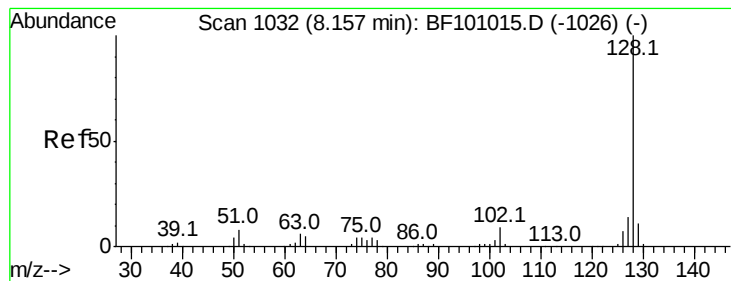
#25
 Isophorone
 Concen: 21.143 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.26 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Tgt Ion	82	Resp	93291
Ion Ratio	Lower	Upper	
82	100		
95	0.0	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





#31

Naphthalene

Concen: 2.462 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

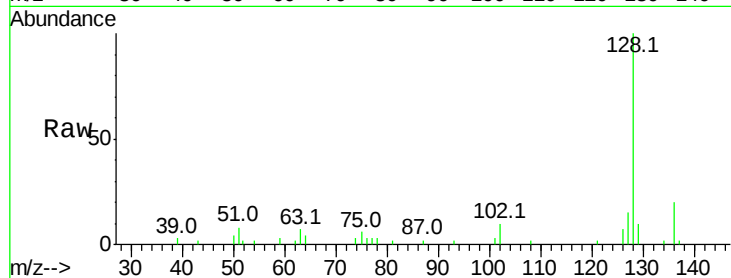
Tot Ion:128 Resp: 18699

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

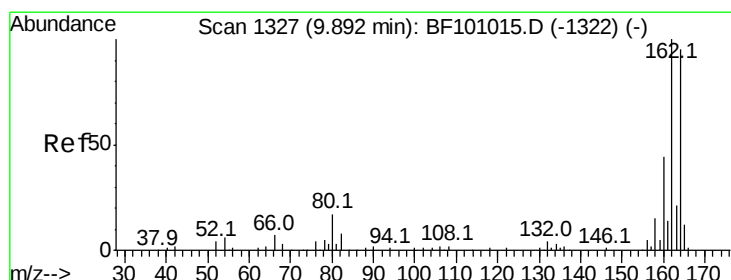
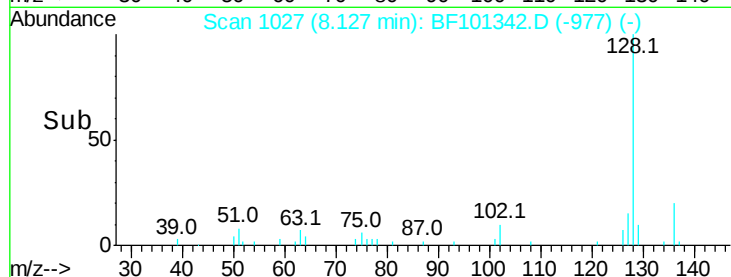
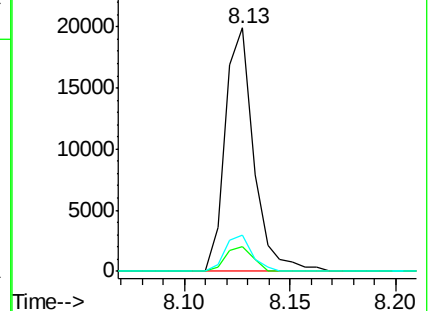
127 15.1 10.9 16.3



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

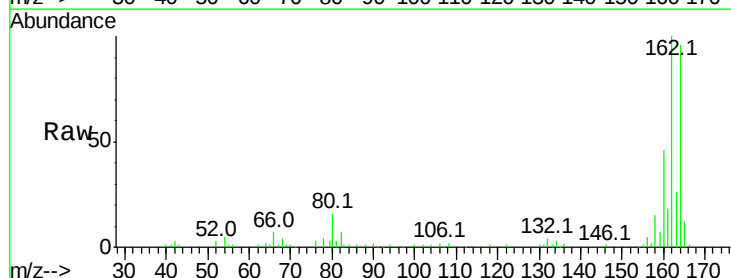
Tgt Ion:164 Resp: 60296

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

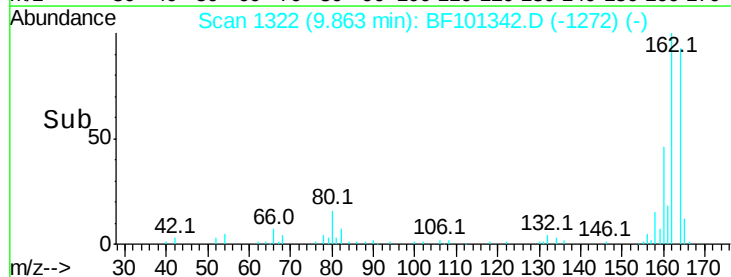
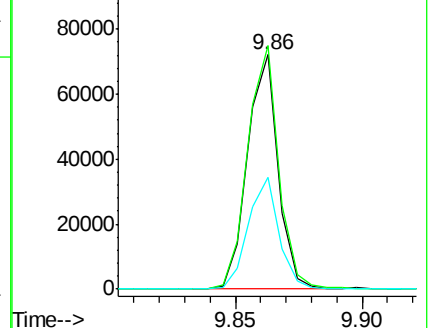
160 47.7 38.3 57.5

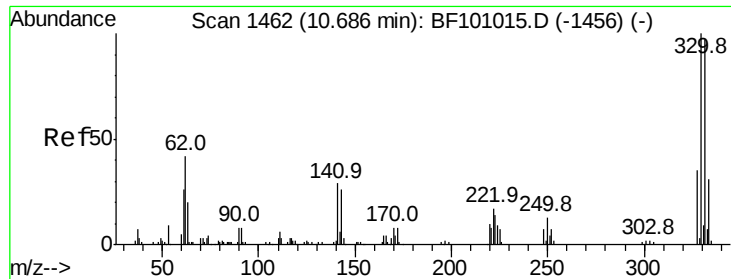


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

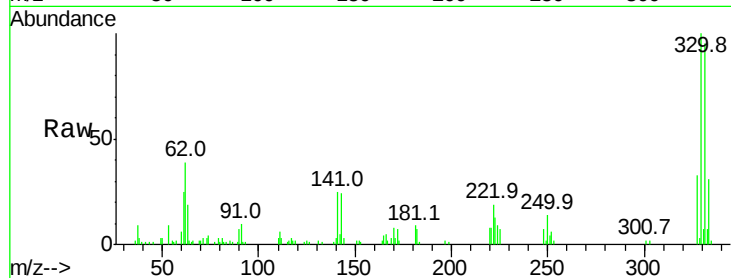




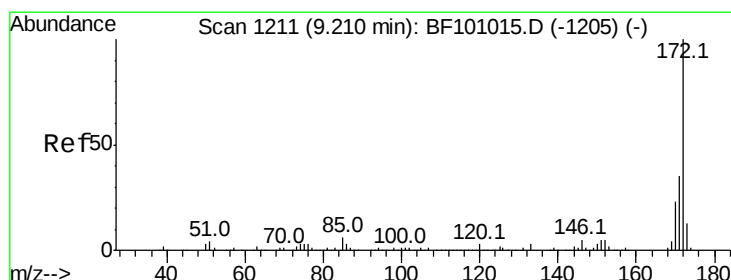
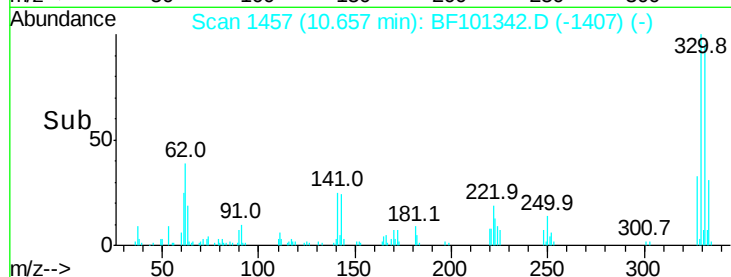
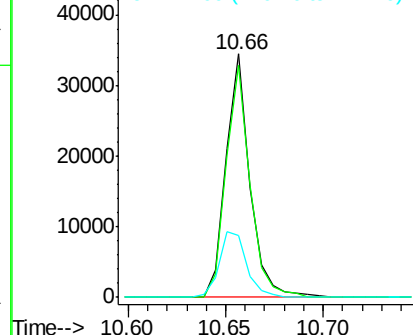
#41
 2,4,6-Tribromophenol
 Concen: 40.577 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.0	29.9	44.9

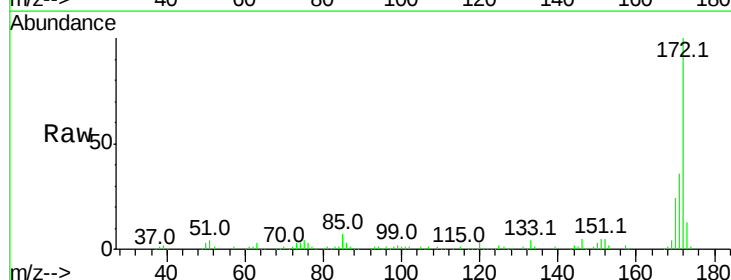


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

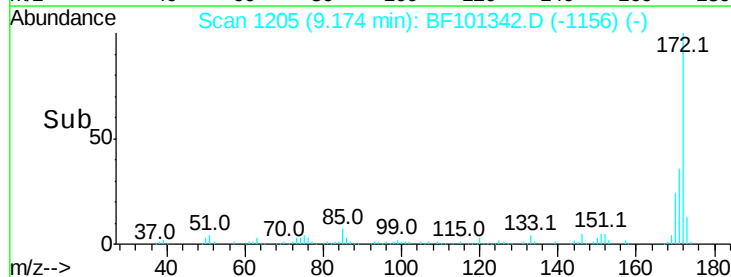
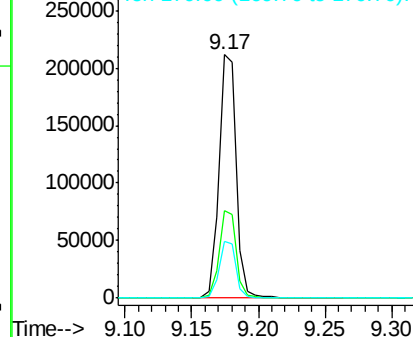


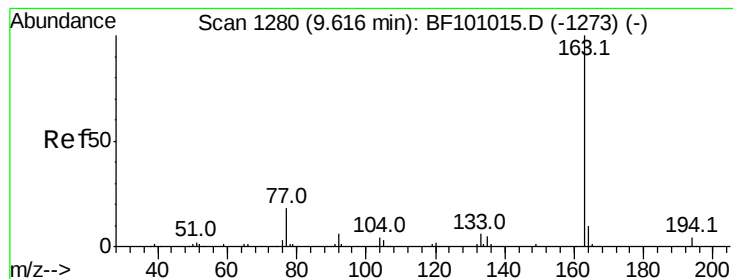
#44
 2-Fluorobiphenyl
 Concen: 43.962 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4



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





#49

Dimethylphthalate

Concen: 5.003 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

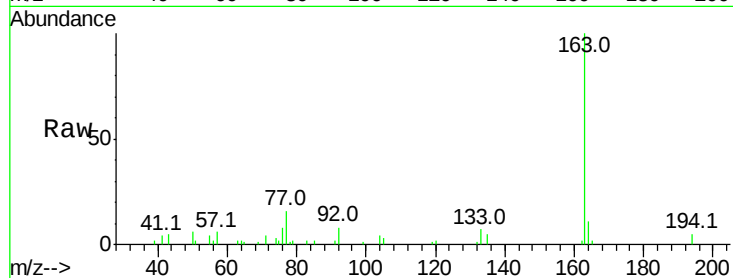
Tot Ion:163 Resp: 24327

Ion Ratio Lower Upper

163 100

194 4.8 2.7 4.1#

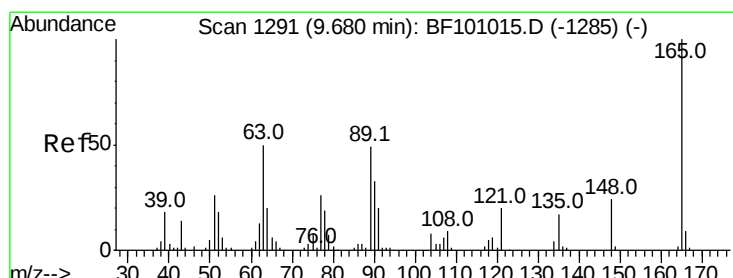
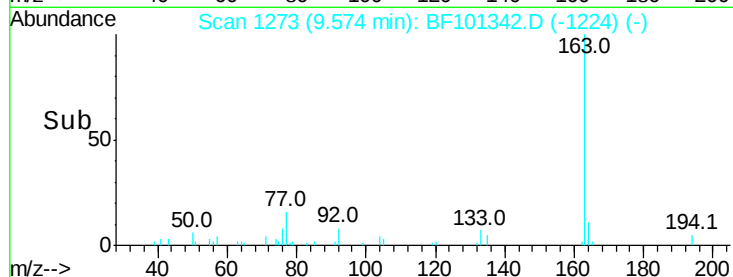
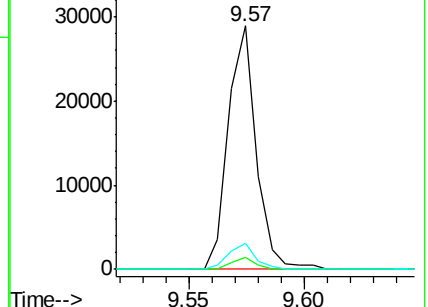
164 10.7 8.2 12.2



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: 7.748 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

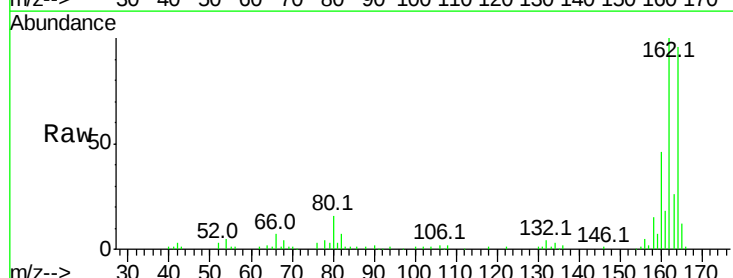
Tgt Ion:165 Resp: 7936

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

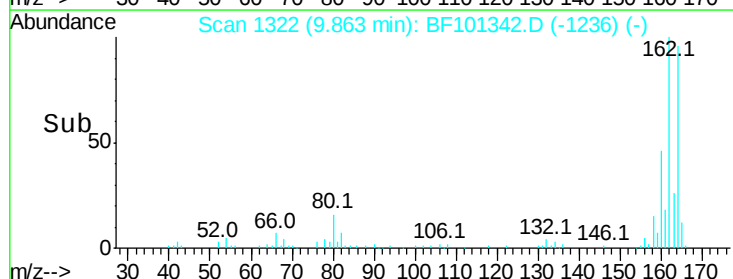
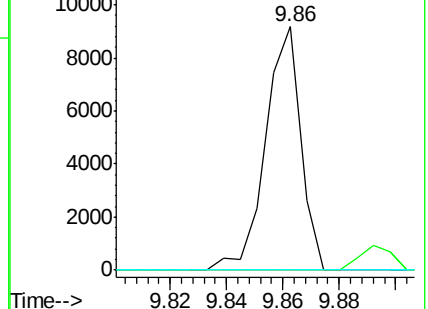
89 0.0 44.0 66.0#

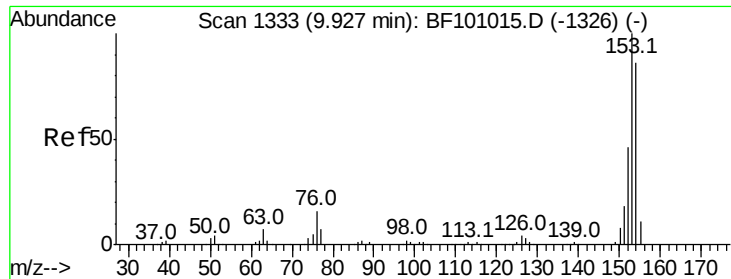


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.541 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

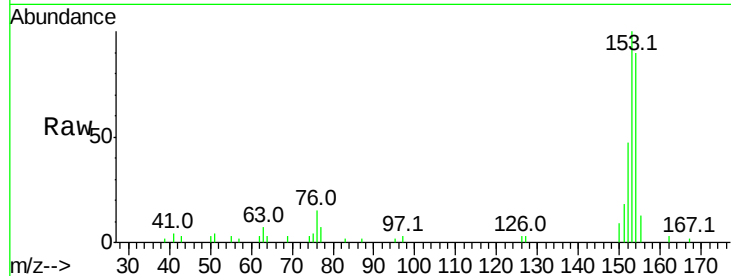
Tot Ion:154 Resp: 9811

Ion Ratio Lower Upper

154 100

153 111.0 91.2 136.8

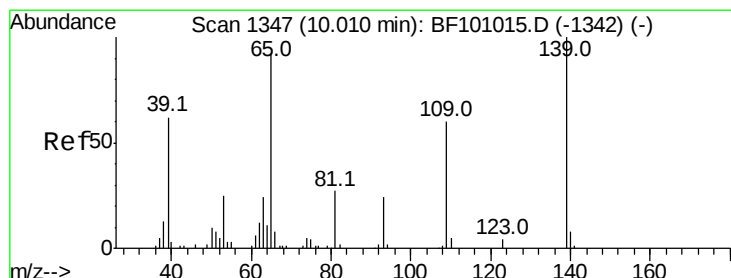
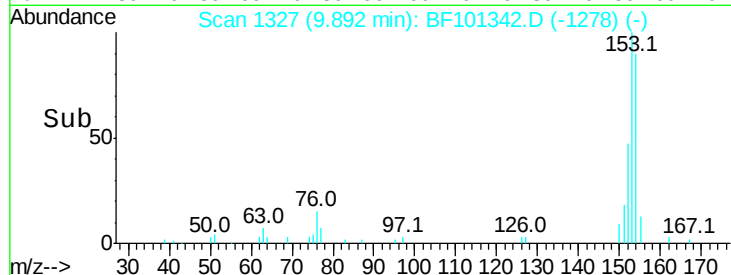
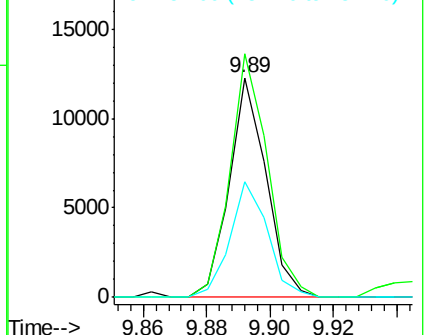
152 52.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 4.926 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.08 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

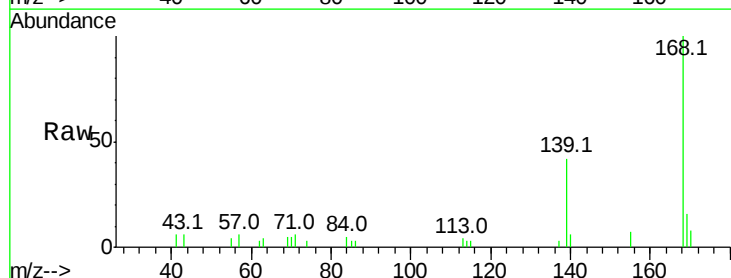
Tgt Ion:139 Resp: 3826

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

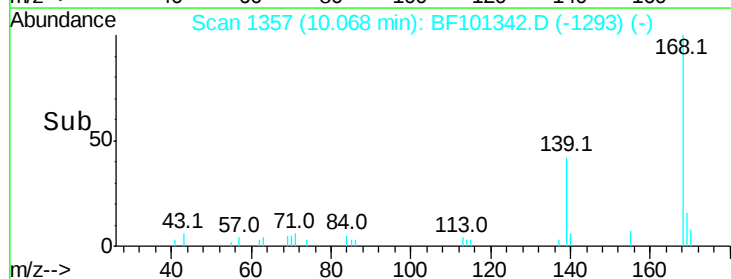
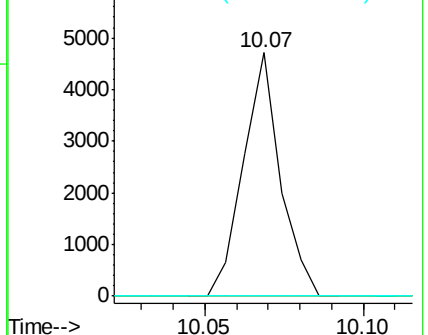
65 0.0 72.6 112.6#

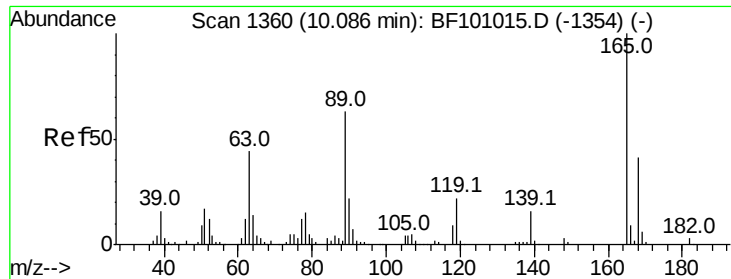


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

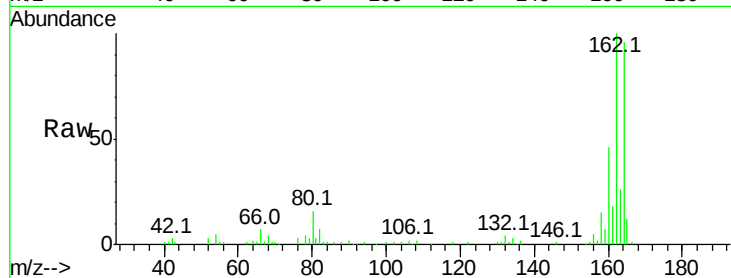




#56
2,4-Dinitrotoluene
Concen: 5.782 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.20 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

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

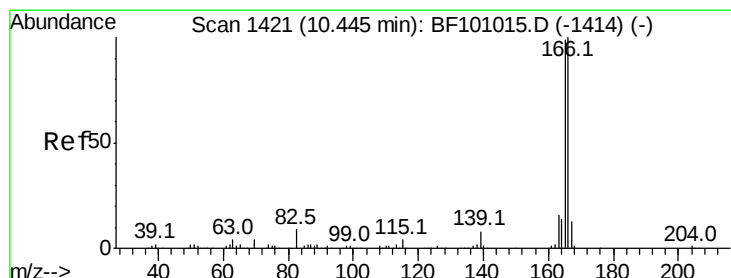
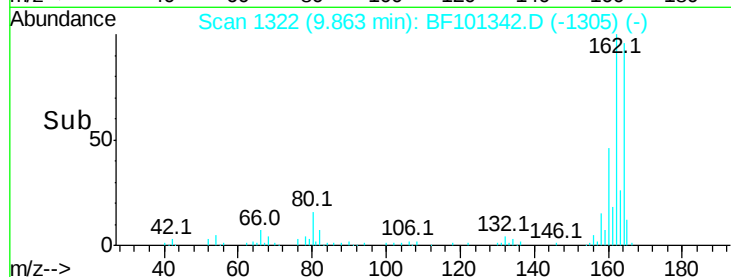
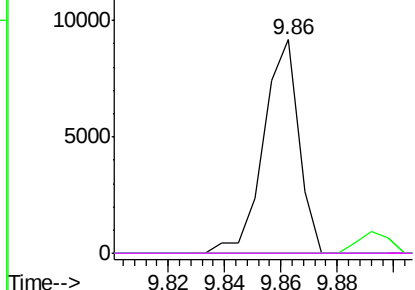


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

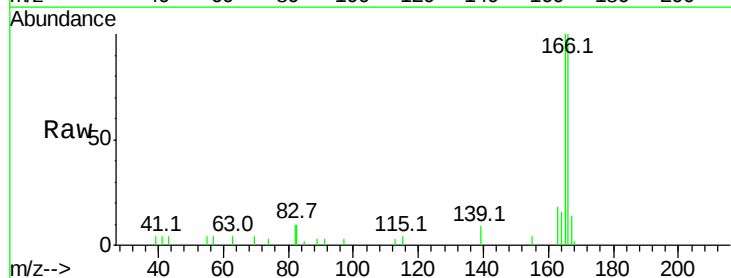
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 2.376 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

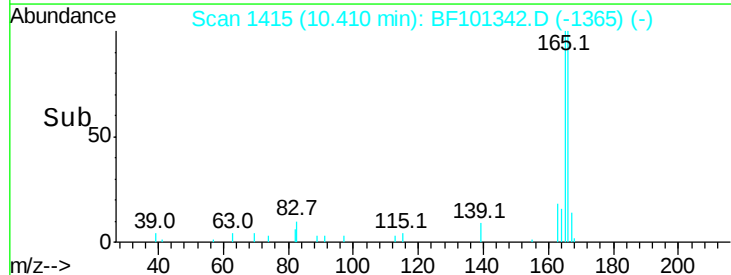
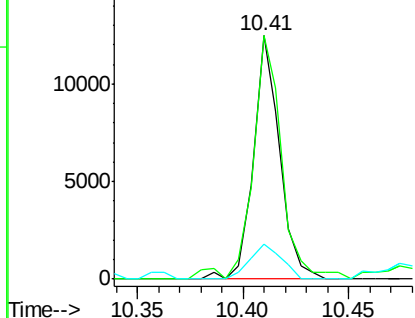
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.8	119.8
167	14.4	10.6	16.0

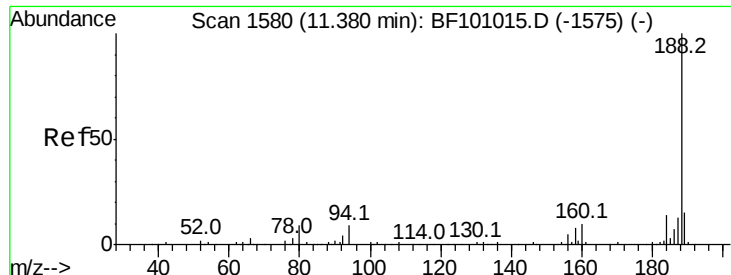


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

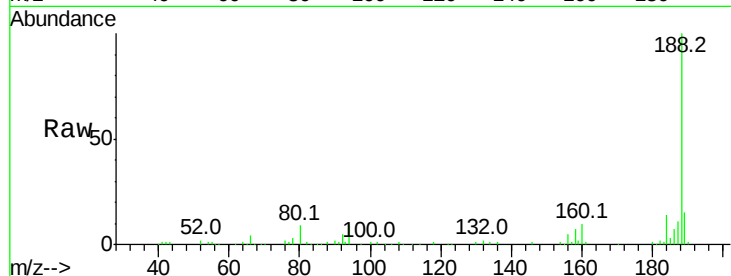




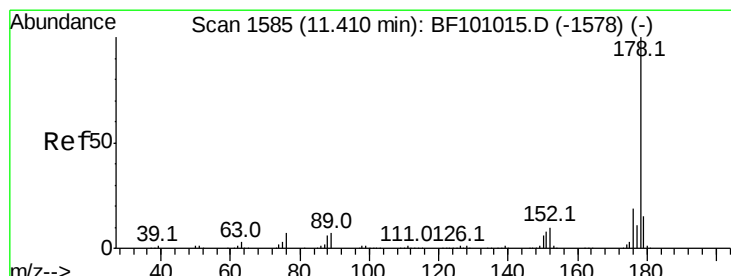
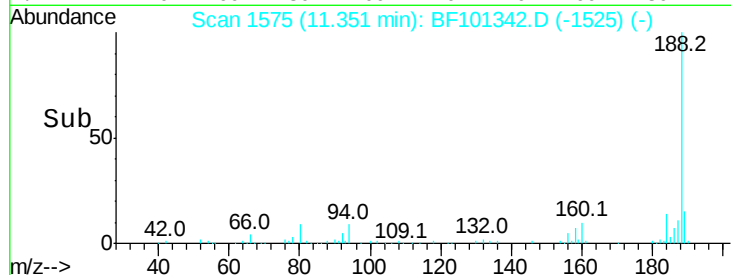
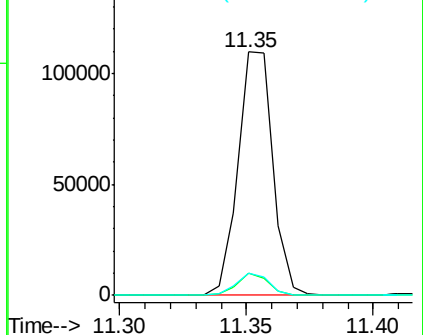
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.2	9.2	13.8#

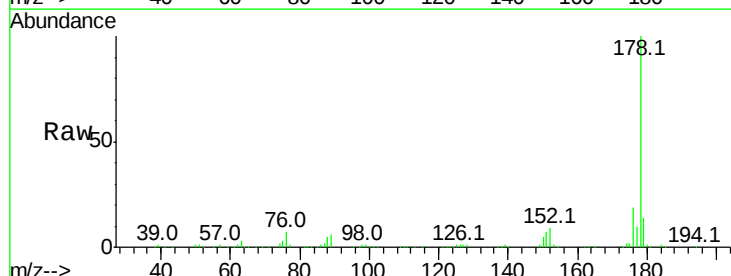


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

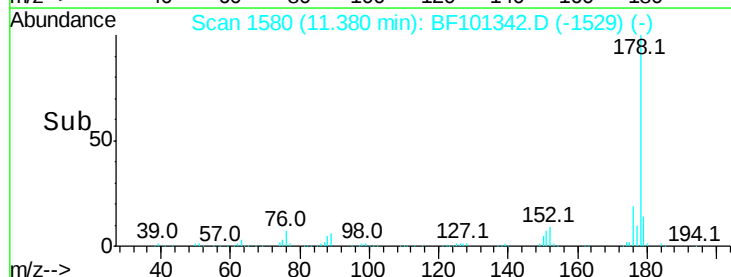
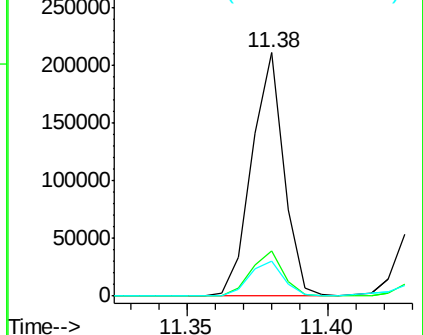


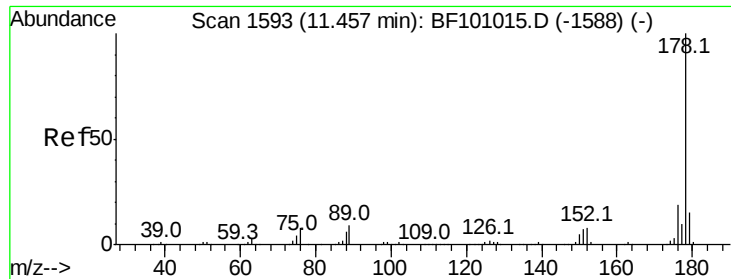
#70
 Phenanthrene
 Concen: 28.980 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.3	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

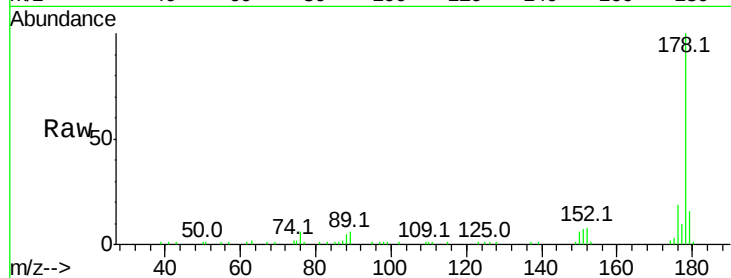




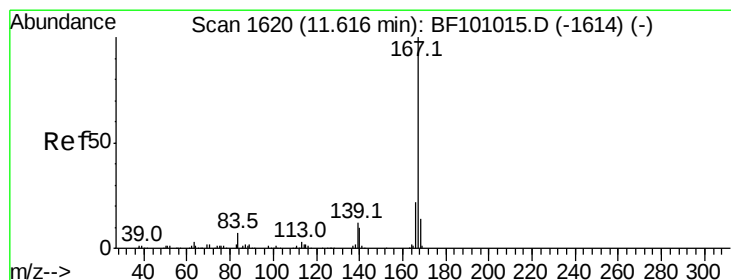
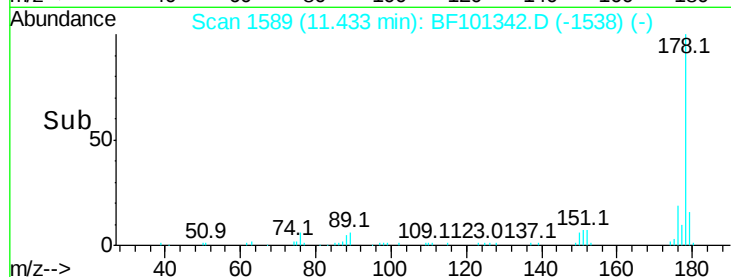
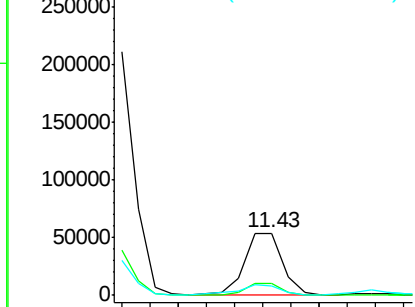
#71
 Anthracene
 Concen: 8.530 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 49586
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.9 12.6 19.0

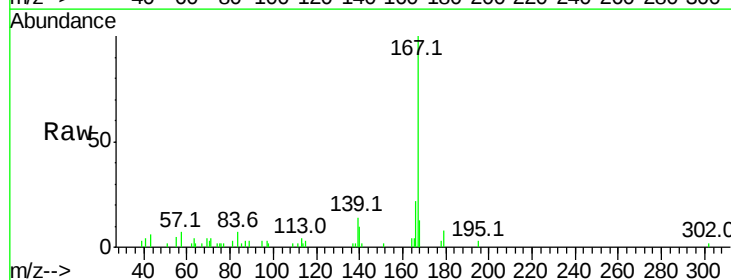


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

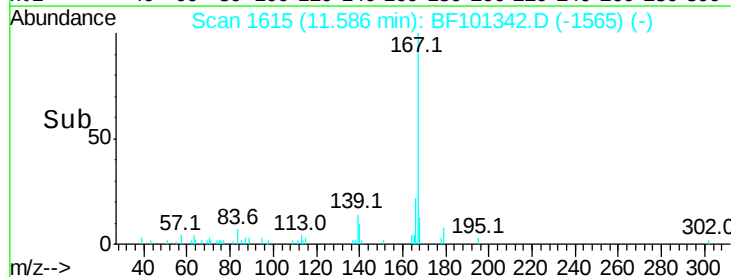
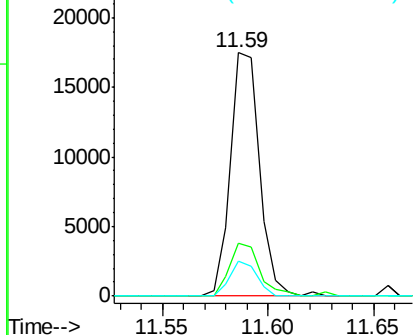


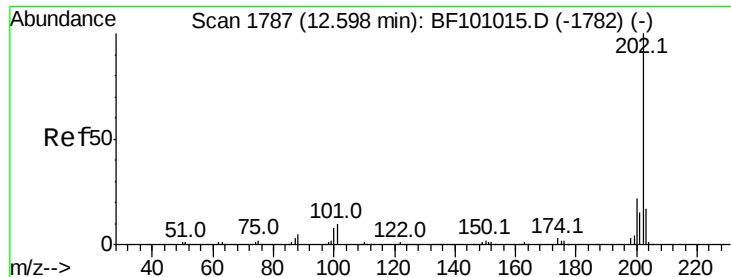
#72
 Carbazole
 Concen: 3.123 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF101342.D
 Acq: 12 Dec 2017 20:53

Tgt Ion:167 Resp: 16587
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 49.380 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

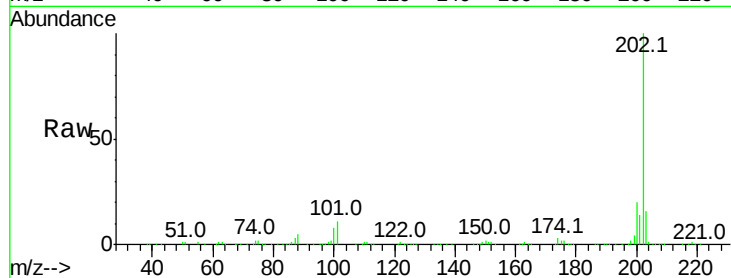
Tot Ion:202 Resp: 314394

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

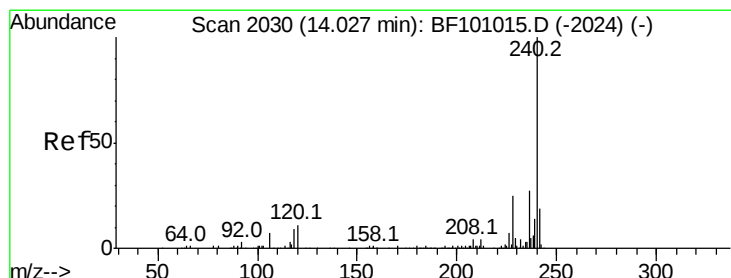
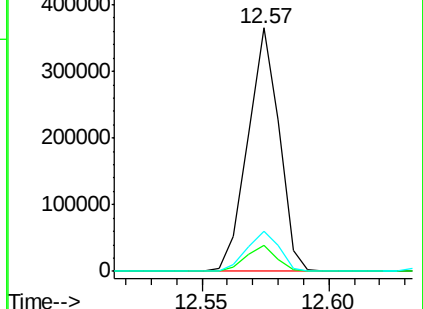
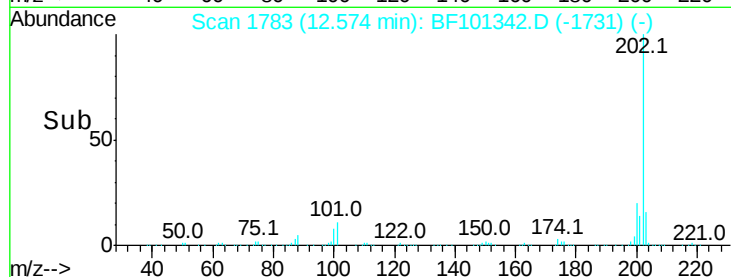
203 16.4 0.0 38.1



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: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

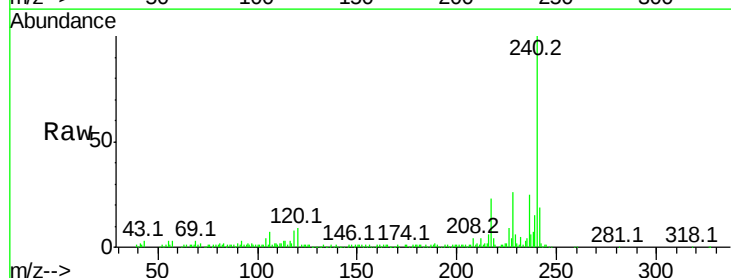
Tgt Ion:240 Resp: 99869

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

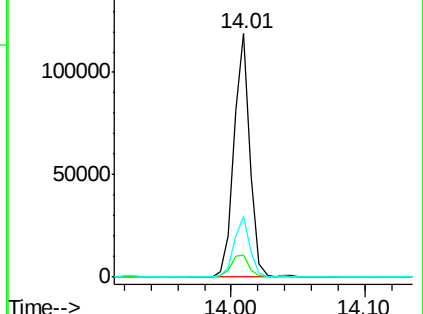
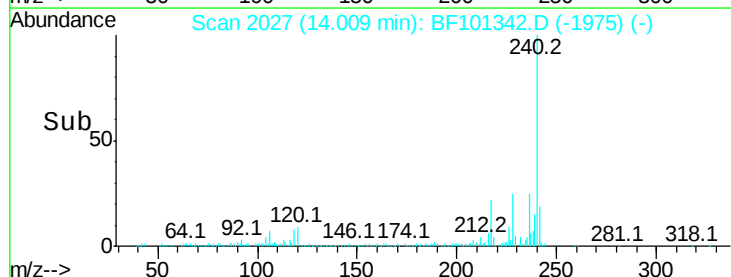
236 25.0 20.7 31.1

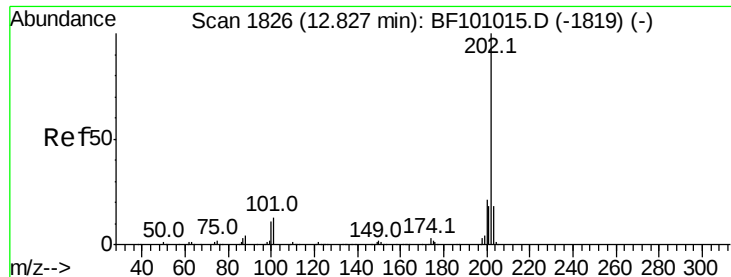


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 43.129 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

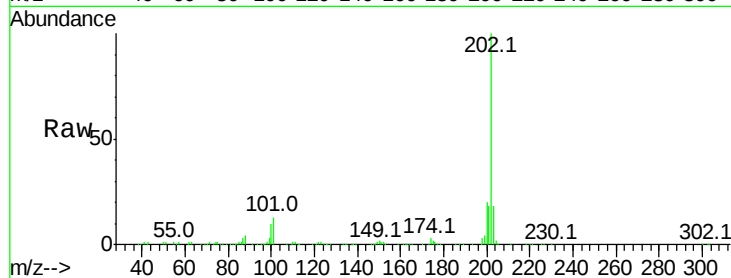
Tot Ion:202 Resp: 297212

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

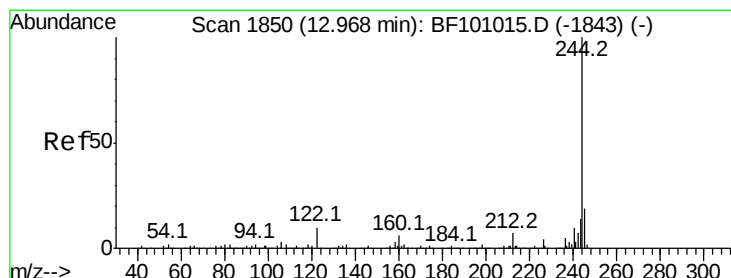
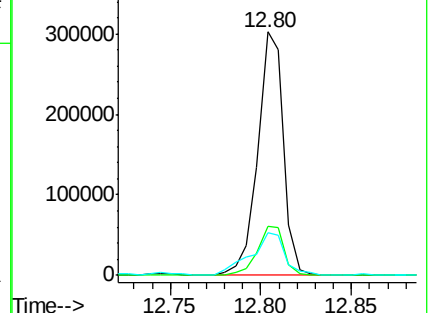
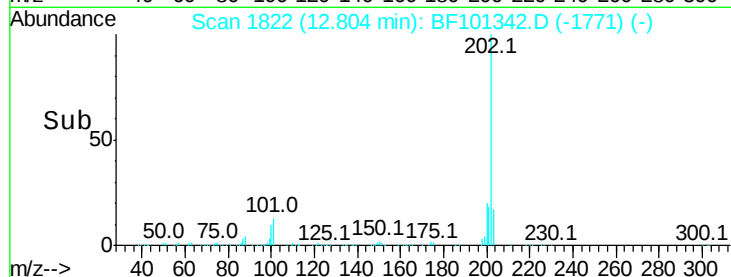
203 17.6 14.3 21.5



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: 36.094 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

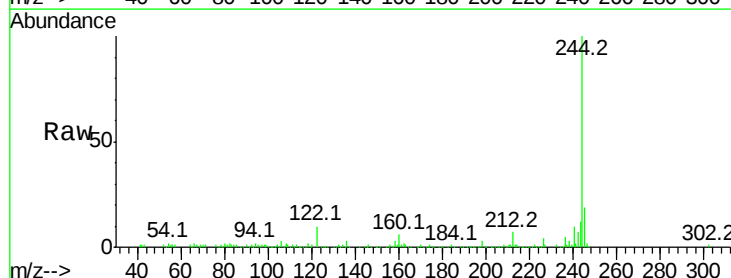
Tgt Ion:244 Resp: 164801

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

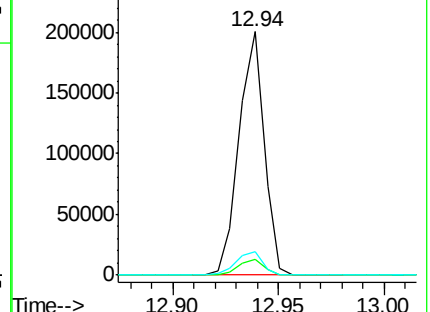
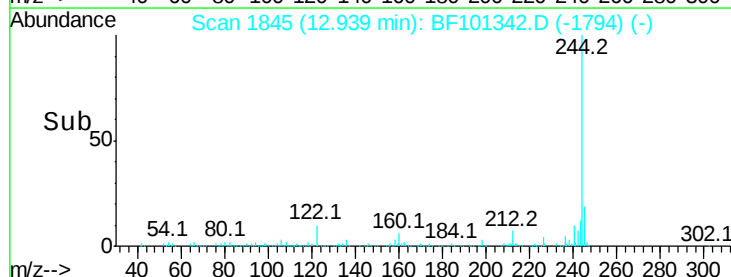
122 9.7 11.0 16.4#

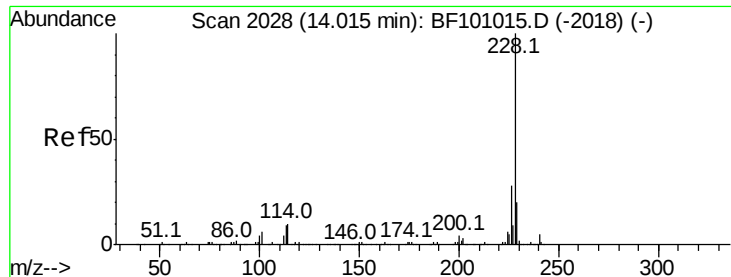


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 29.694 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

Instrument :

BNA_F

ClientSampleId :

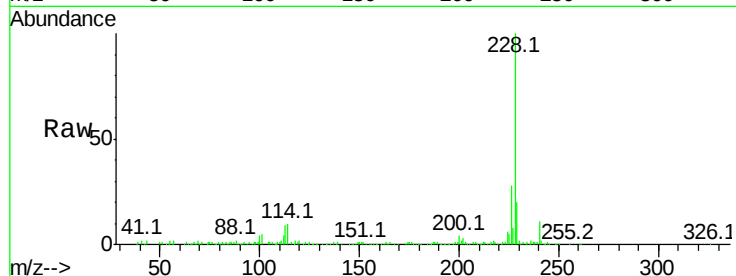
Tot Ion:228 Resp: 187235

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

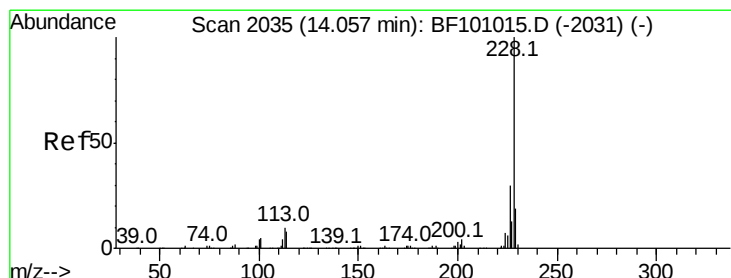
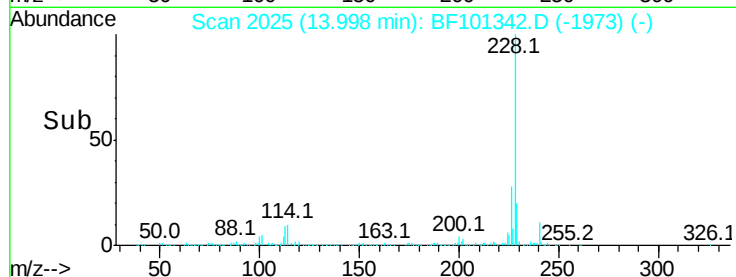
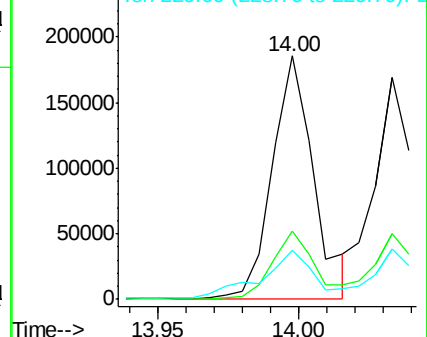
229 20.2 15.8 23.6



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



#82

Chrysene

Concen: 26.215 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF101342.D

Acq: 12 Dec 2017 20:53

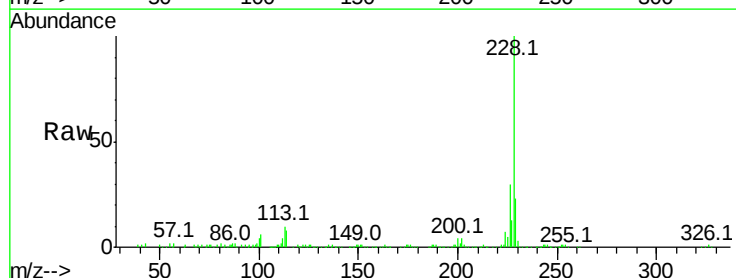
Tgt Ion:228 Resp: 153515

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

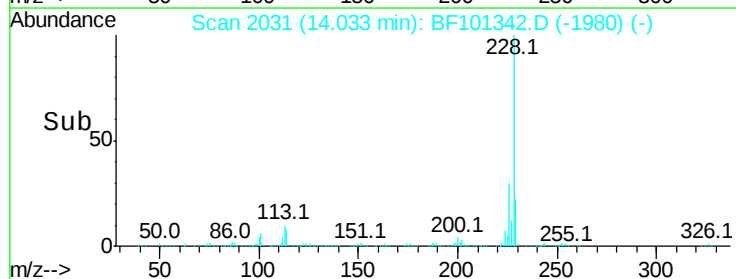
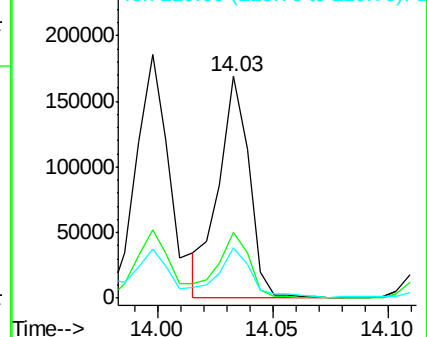
229 22.7 16.2 24.4

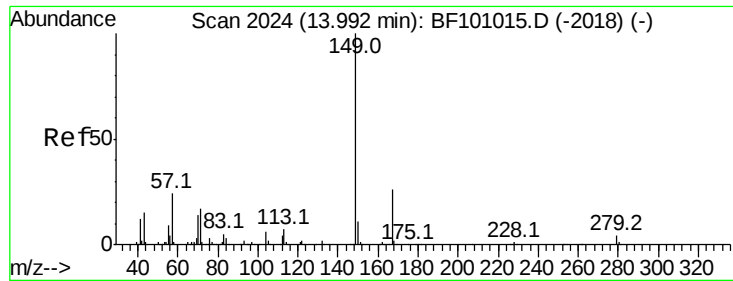


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

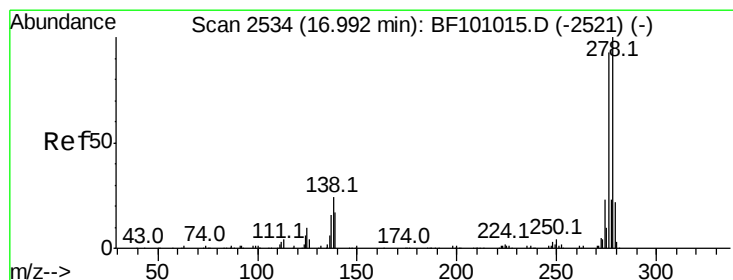
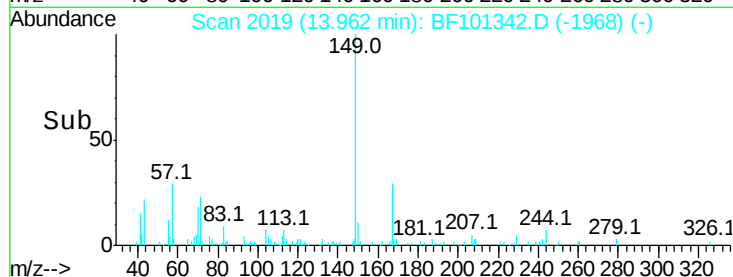
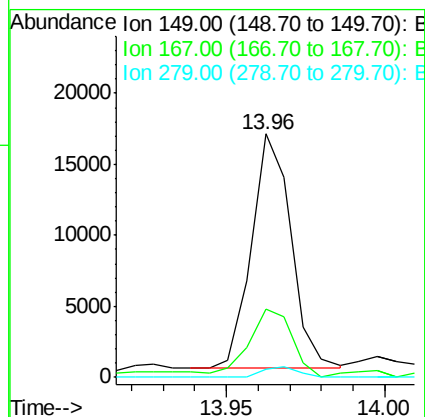
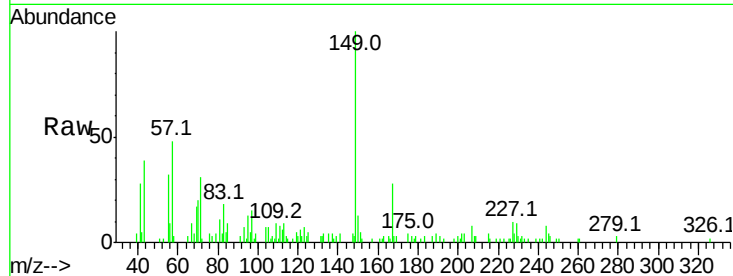




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.263 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

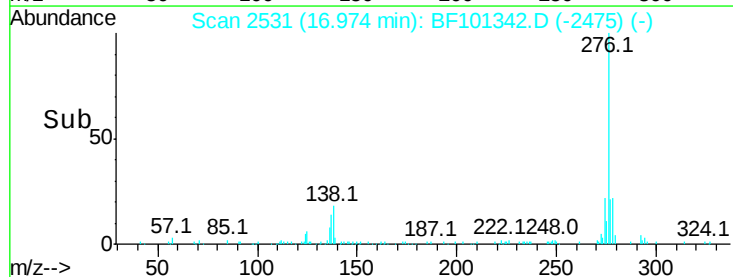
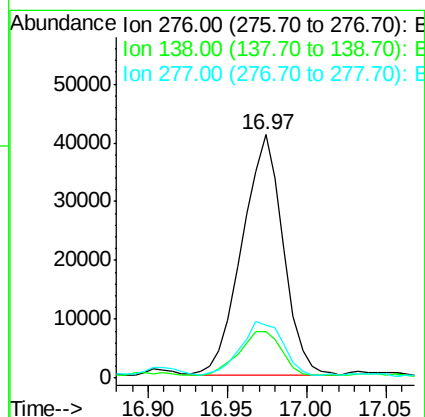
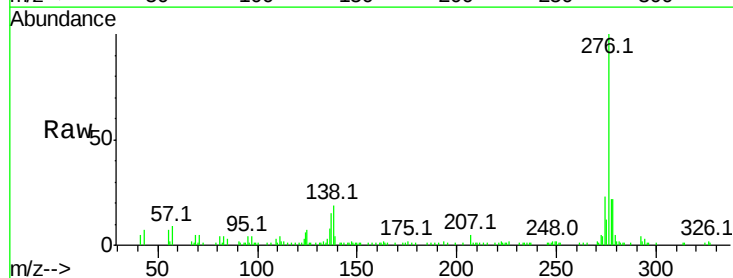
Instrument :
BNA_F
ClientSampleId :

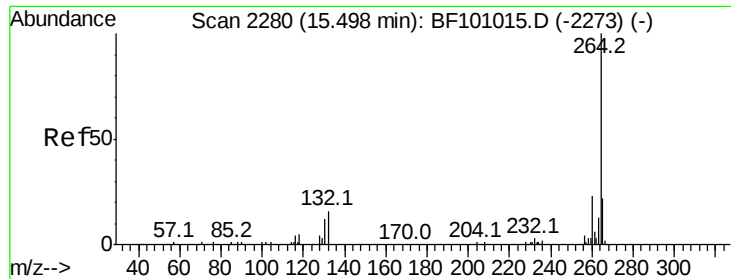
Tot Ion:149 Resp: 14135
Ion Ratio Lower Upper
149 100
167 28.1 21.3 31.9
279 3.1 3.0 4.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 14.028 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.03 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:276 Resp: 73035
Ion Ratio Lower Upper
276 100
138 19.8 25.0 37.6#
277 23.5 20.1 30.1

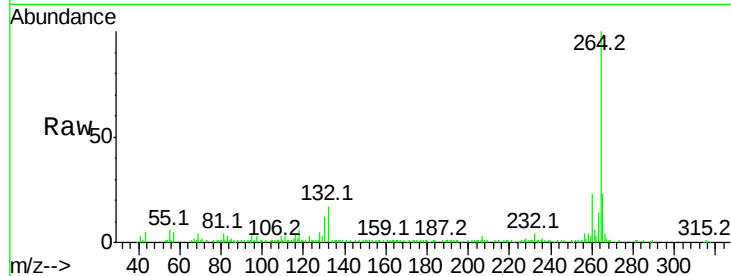




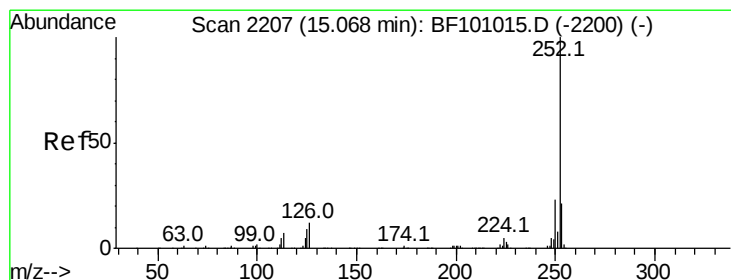
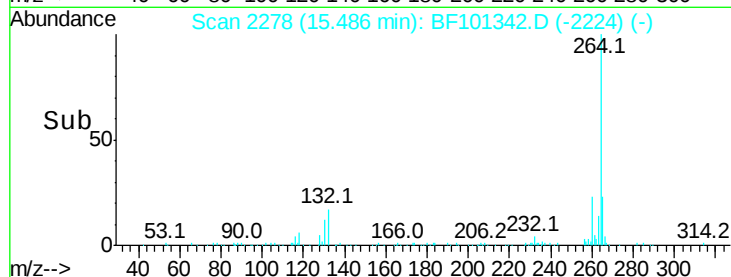
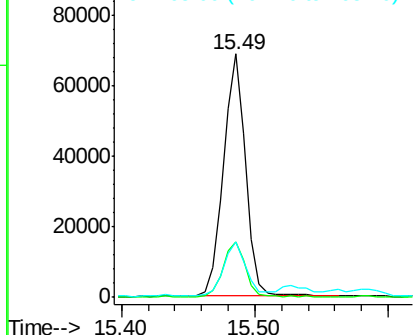
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 80768
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 22.7 17.5 26.3

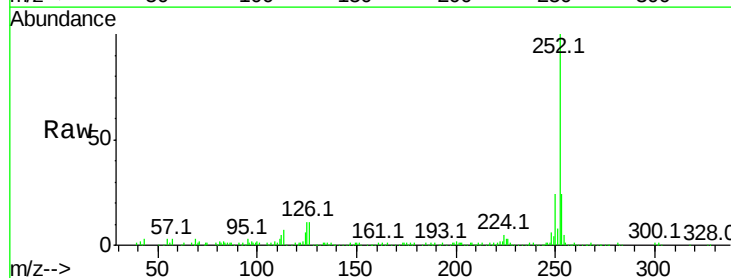


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

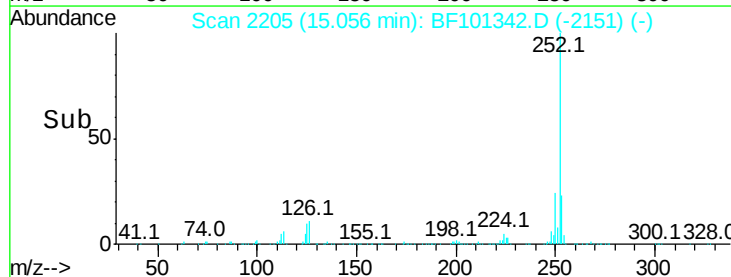
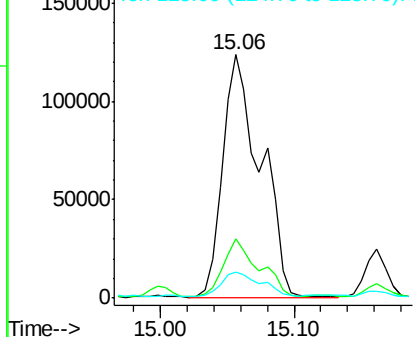


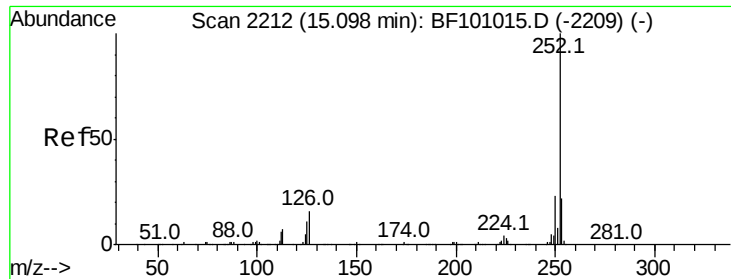
#87
Benzo(b)fluoranthene
Concen: 50.367 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:252 Resp: 243667
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.6
125 10.5 9.0 13.6



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

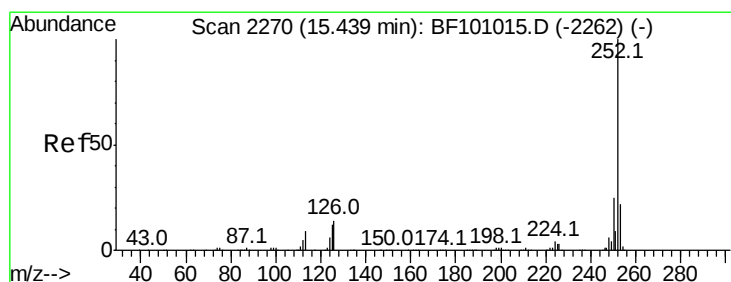
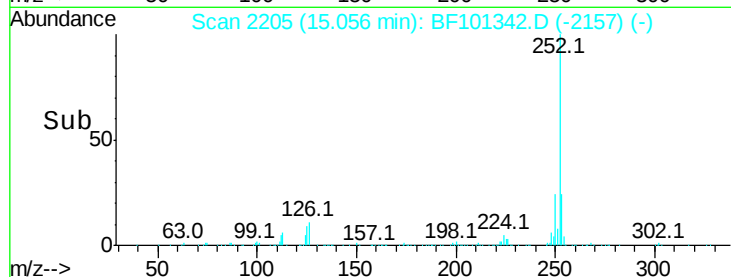
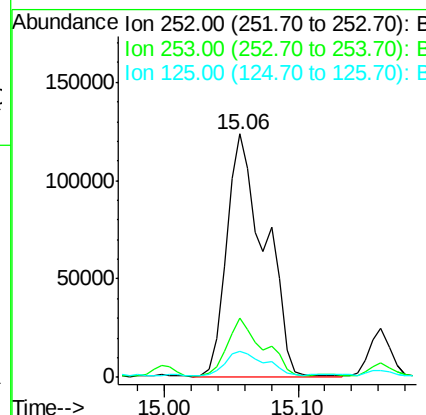
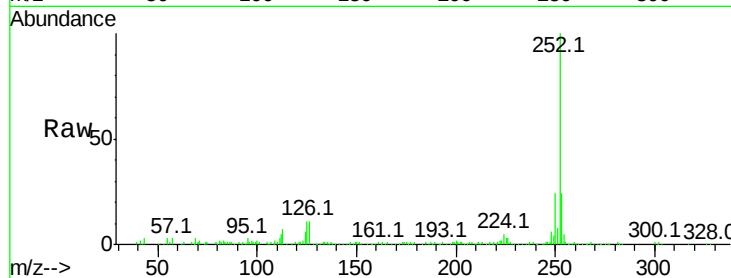




#88
Benzo(k)fluoranthene
Concen: 51.123 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

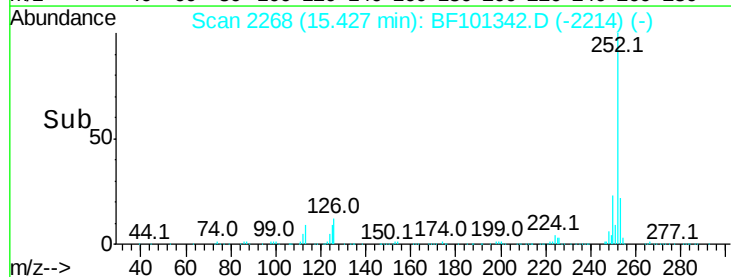
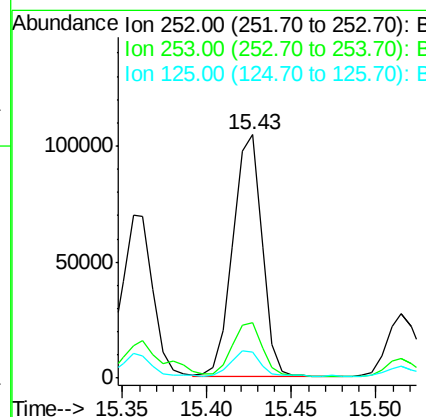
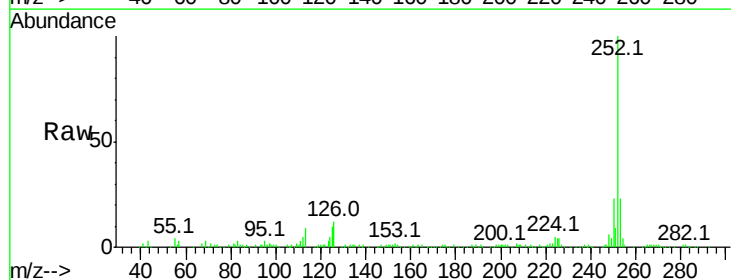
Instrument :
BNA_F
ClientSampleId :

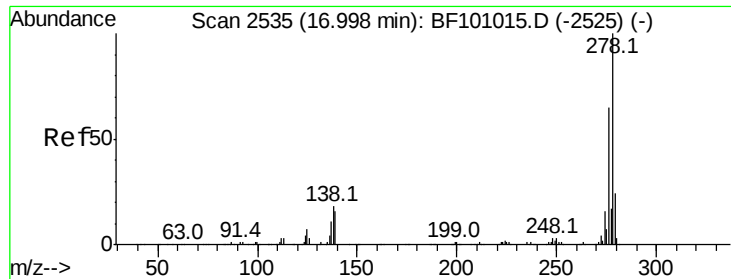
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.5	10.2	15.2



#89
Benzo(a)pyrene
Concen: 28.788 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	10.4	9.8	14.6

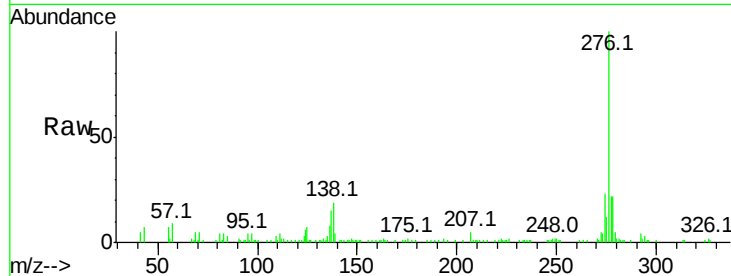




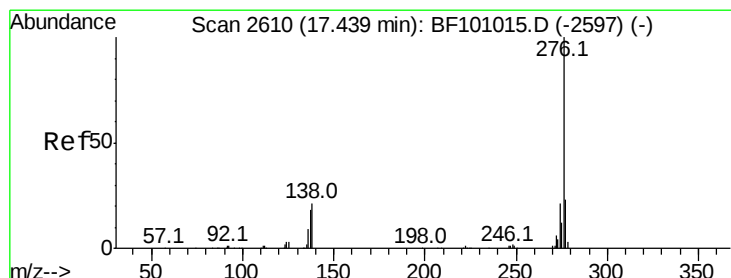
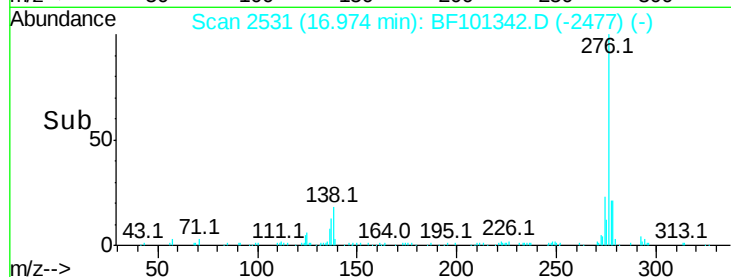
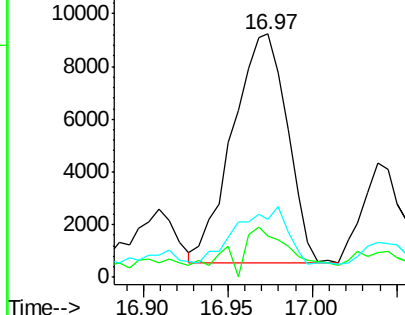
#90
Dibenzo(a,h)anthracene
Concen: 5.020 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 19464
Ion Ratio Lower Upper
278 100
139 17.0 15.9 23.9
279 23.9 19.0 28.4

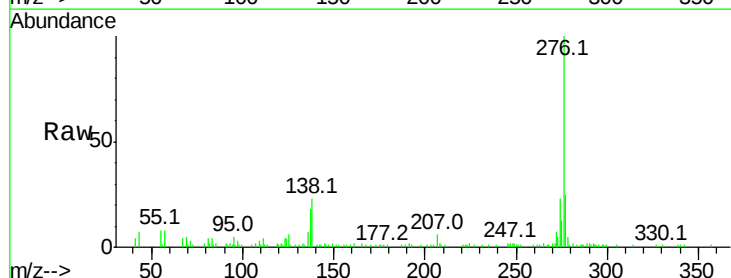


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 19.756 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101342.D
Acq: 12 Dec 2017 20:53

Tgt Ion:276 Resp: 72190
Ion Ratio Lower Upper
276 100
277 24.8 17.9 26.9
138 23.2 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

