

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101331.D
 Acq On : 12 Dec 2017 15:55
 Operator : SJ/JU
 Sample : I6675-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 01:09:53 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	46916	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	179336	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	81146	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	141616	20.00	ng	0.00
75) Chrysene-d12	14.01	240	101754	20.00	ng	0.00
86) Perylene-d12	15.49	264	101555	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	73499	25.89	ng	0.00
7) Phenol-d6	6.45	99	91223	26.46	ng	-0.01
23) Nitrobenzene-d5	7.38	82	55468	18.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	23189	23.79	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	117951	19.89	ng	-0.01
78) Terphenyl-d14	12.94	244	89919	19.33	ng	0.00

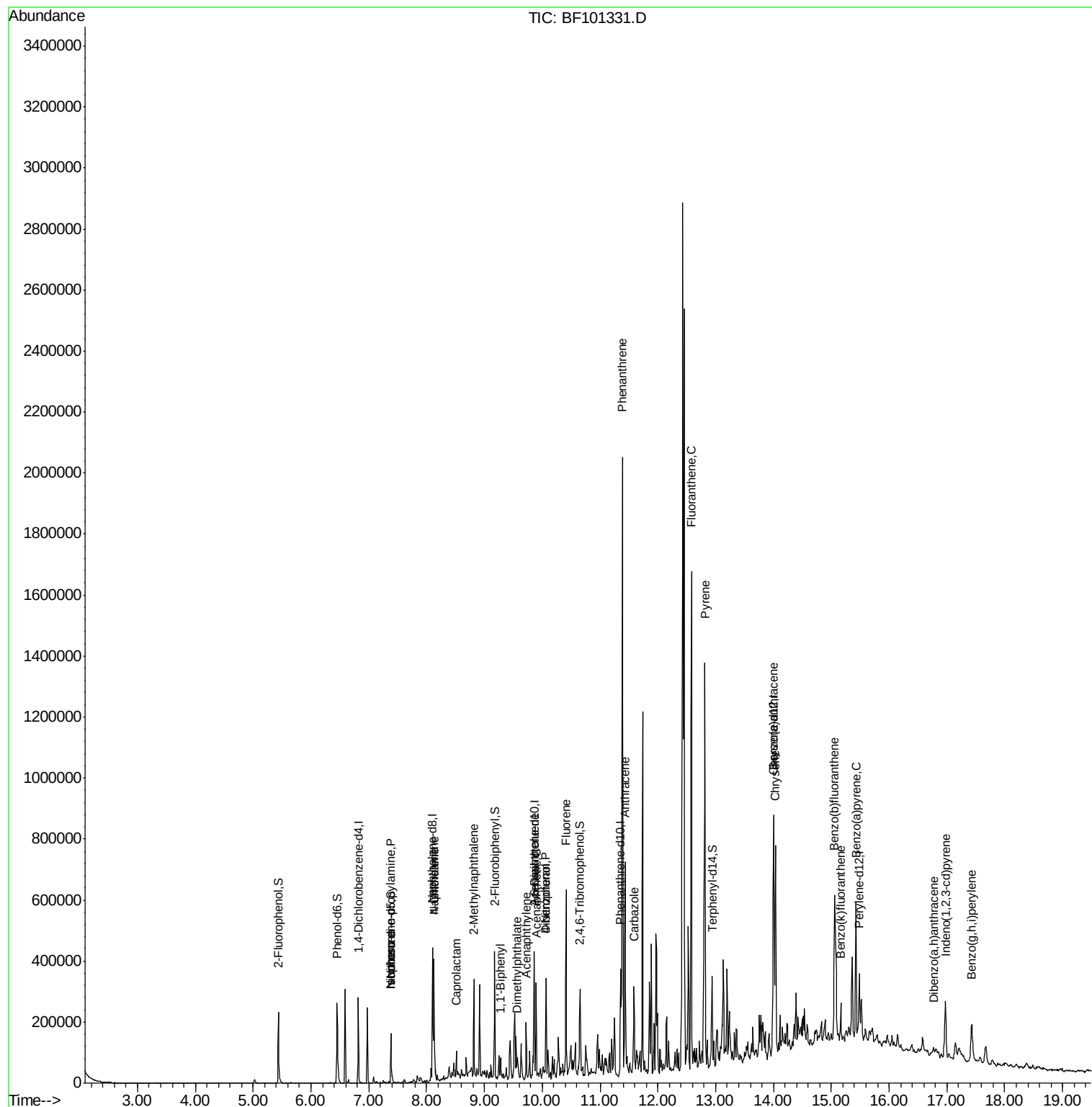
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.38	70	7452	3.210	ng	# 79
25) Isophorone	7.38	82	55475	10.803	ng	# 64
31) Naphthalene	8.13	128	178572	20.204	ng	99
33) 4-Chloroaniline	8.13	127	23708	6.676	ng	# 40
35) Caprolactam	8.52	113	1643	2.070	ng	# 20
37) 2-Methylnaphthalene	8.82	142	80578	13.417	ng	98
45) 1,1'-Biphenyl	9.28	154	21856	2.940	ng	92
48) Acenaphthylene	9.72	152	54256	6.253	ng	98
49) Dimethylphthalate	9.57	163	18025	2.754	ng	99
50) 2,6-Dinitrotoluene	9.86	165	14908	10.816	ng	# 24
51) Acenaphthene	9.89	154	61275	11.793	ng	99
54) Dibenzofuran	10.07	168	113279	15.129	ng	98
55) 4-Nitrophenol	10.07	139	41976	40.154	ng	# 10
57) Fluorene	10.41	166	160728	26.407	ng	98
70) Phenanthrene	11.39	178	836728	107.290	ng	99
71) Anthracene	11.43	178	243361	30.833	ng	98
72) Carbazole	11.59	167	96778	13.420	ng	99
74) Fluoranthene	12.58	202	745717	86.262	ng	98
77) Pyrene	12.81	202	627267	89.337	ng	99
80) Benzo(a)anthracene	14.00	228	313809	48.845	ng	98
82) Chrysene	14.03	228	253044	42.410	ng	97
85) Indeno(1,2,3-cd)pyrene	16.97	276	104642	19.727	ng	# 89
87) Benzo(b)fluoranthene	15.06	252	399373	65.655	ng	97
88) Benzo(k)fluoranthene	15.16	252	53394	8.909	ng	94
89) Benzo(a)pyrene	15.43	252	216413	39.134	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	18344	3.763	ng	95
91) Benzo(g,h,i)perylene	17.43	276	96918	21.094	ng	# 92

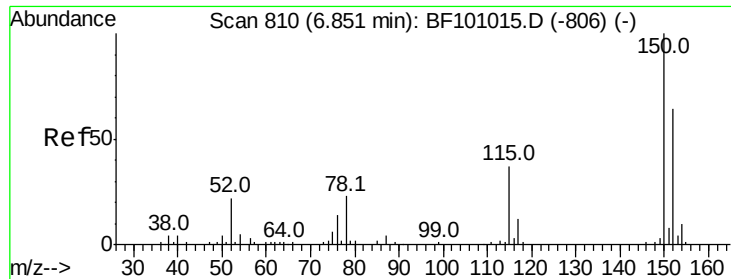
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121217\
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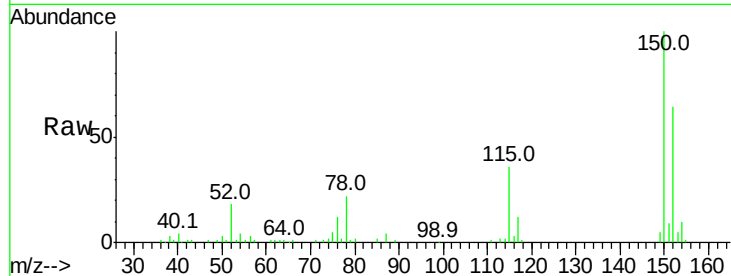


#1

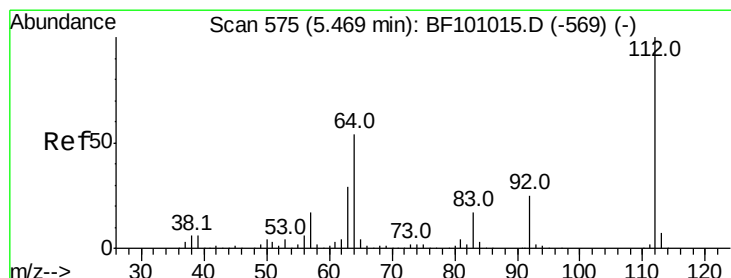
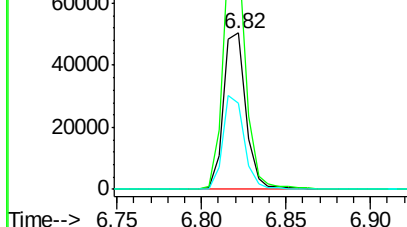
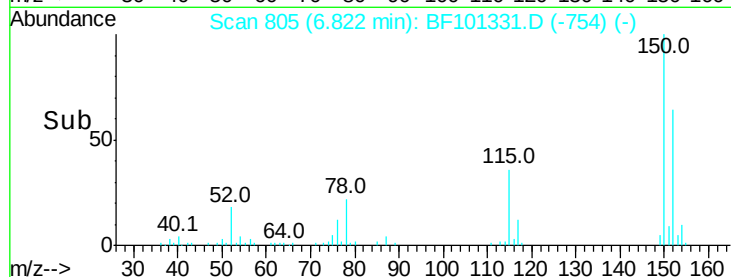
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46916
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 55.5 50.1 75.1



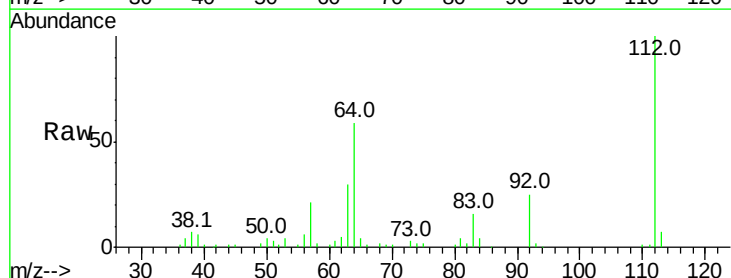
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



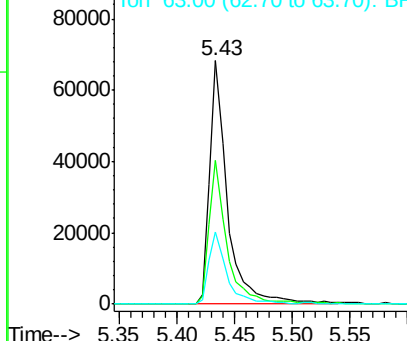
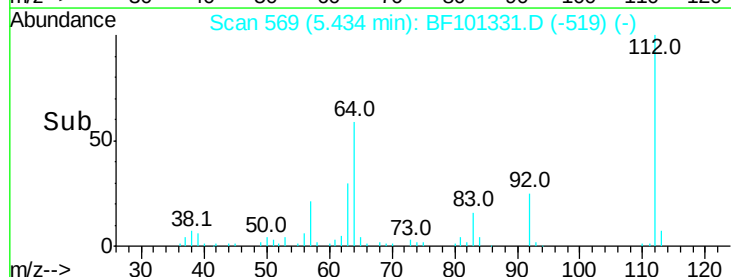
#5

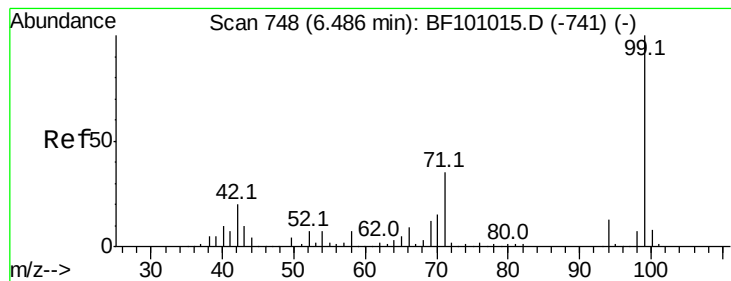
2-Fluorophenol
Concen: 25.887 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion:112 Resp: 73499
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 29.7 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: 26.464 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

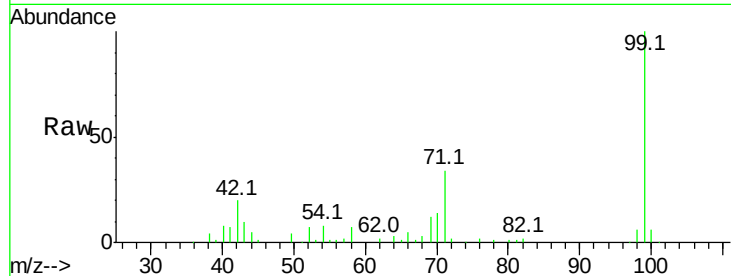
Tot Ion: 99 Resp: 91223

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

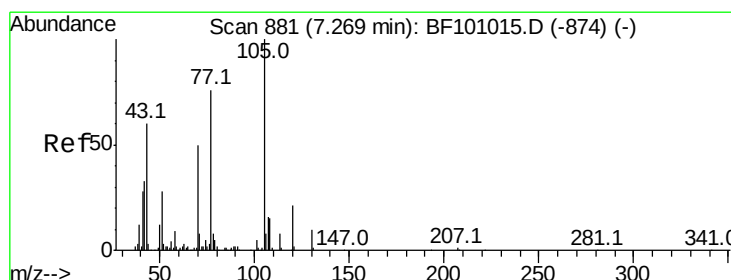
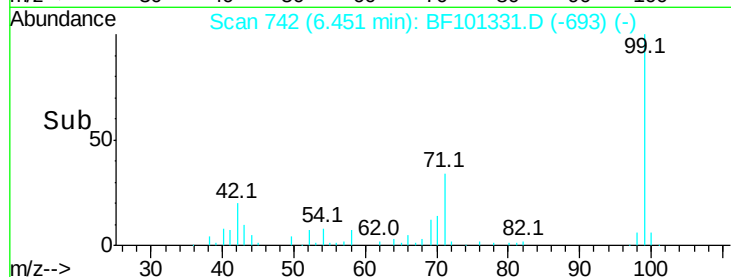
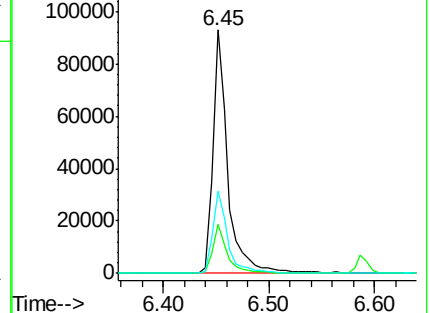
71 33.9 25.4 38.0



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: 3.210 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Tgt Ion: 70 Resp: 7452

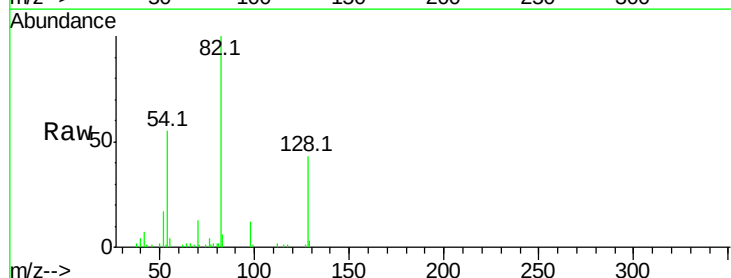
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

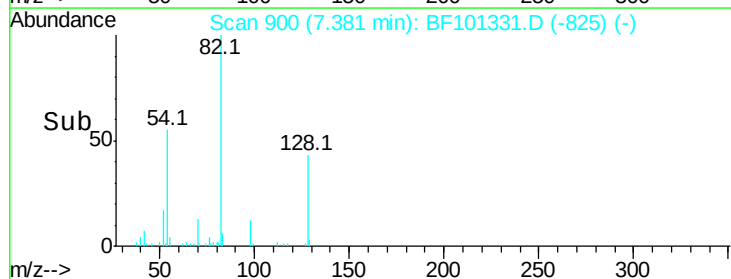
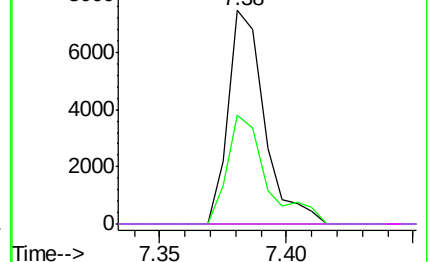


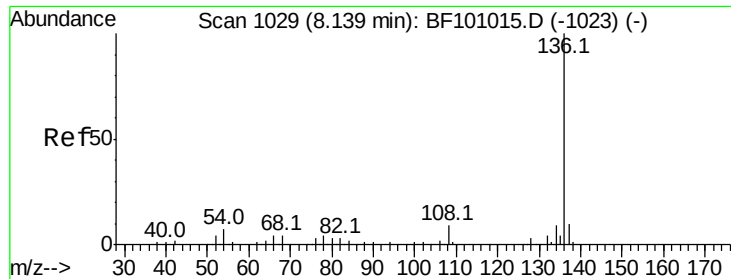
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

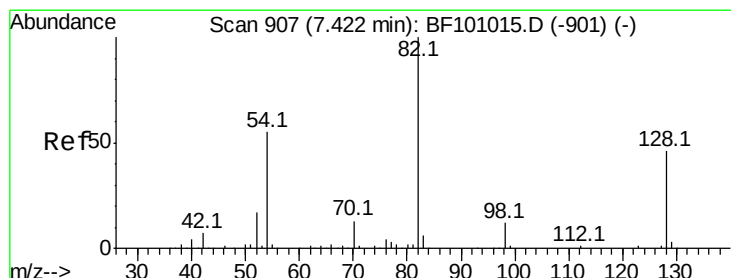
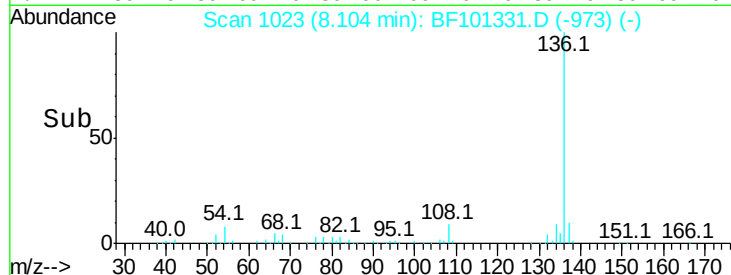
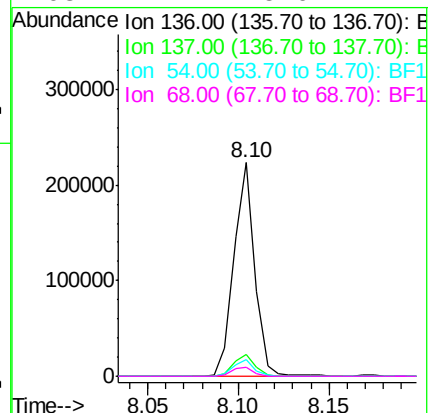
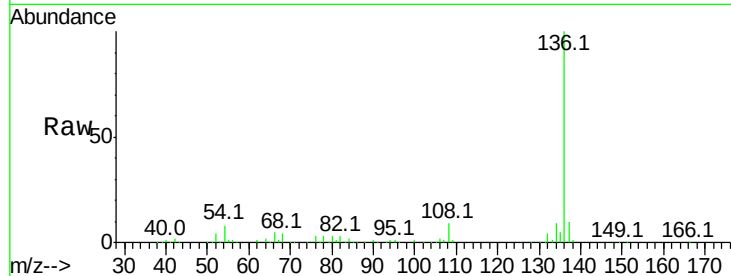




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

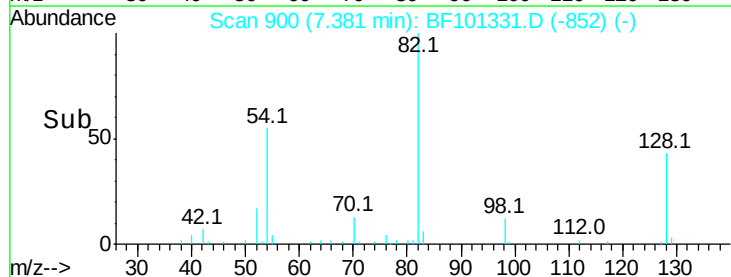
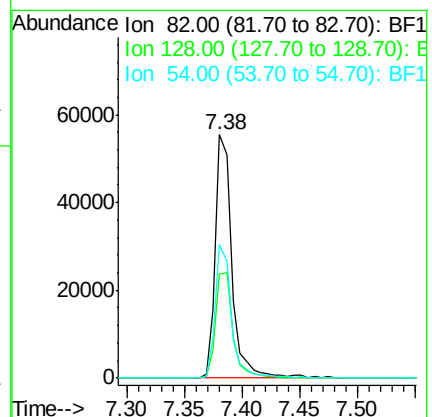
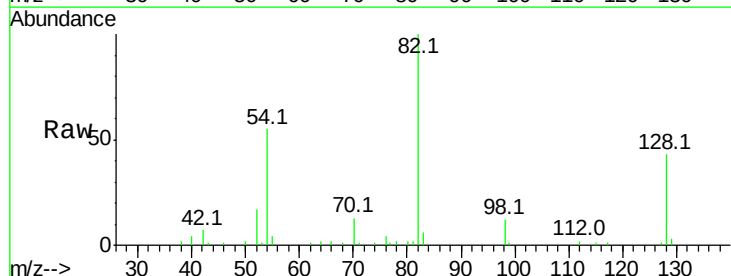
Instrument :
BNA_F
ClientSampleId :

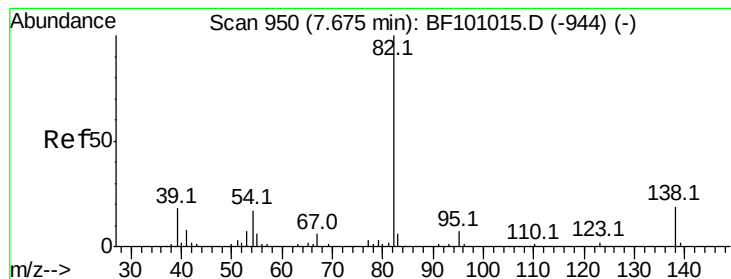
Tot Ion:136	Resp:	179336
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.9 13.3
54	7.6	6.6 9.8
68	4.4	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 18.451 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion: 82	Resp:	55468
Ion	Ratio	Lower Upper
82	100	
128	42.6	36.1 54.1
54	54.8	41.4 62.2





#25

Isophorone

Concen: 10.803 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.27 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

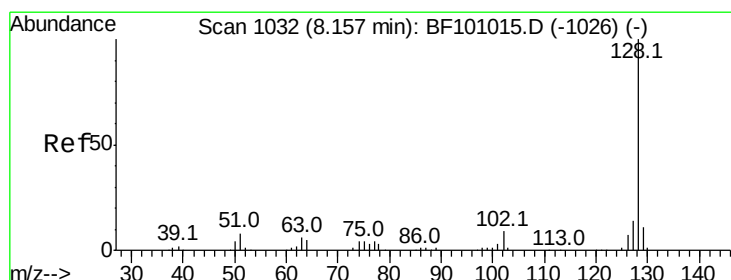
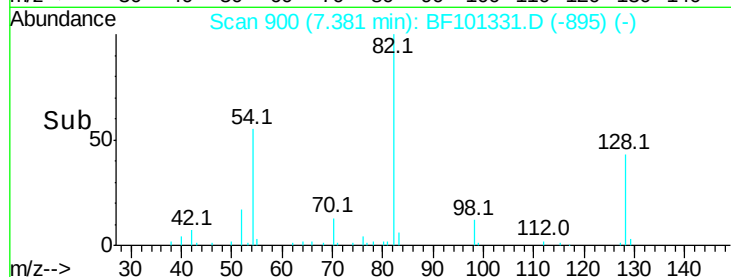
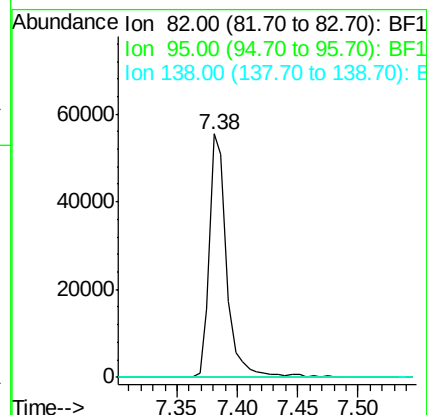
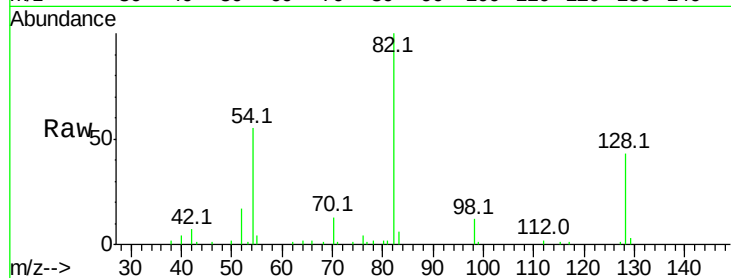
Tot Ion: 82 Resp: 55475

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 20.204 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

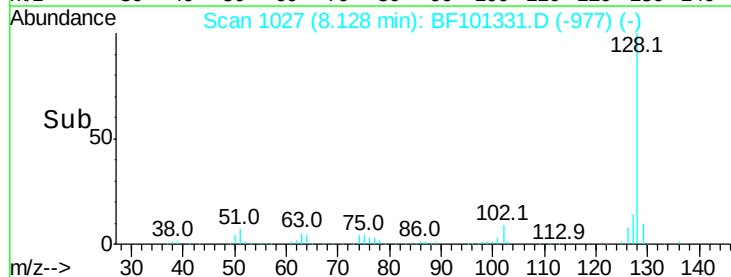
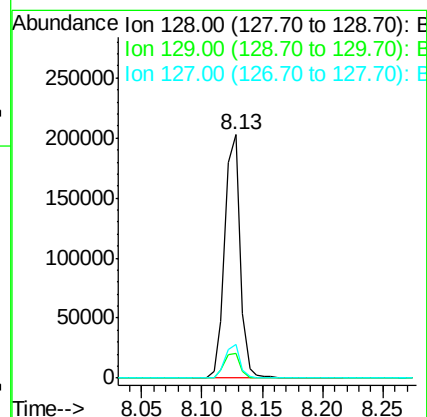
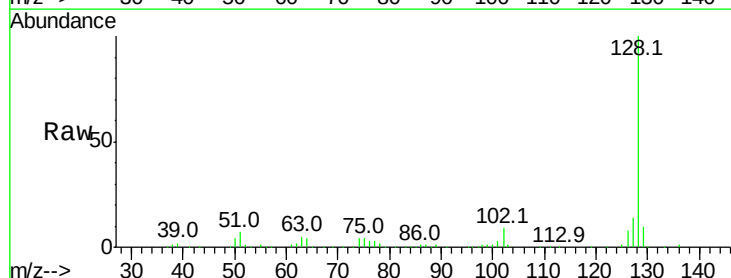
Tgt Ion: 128 Resp: 178572

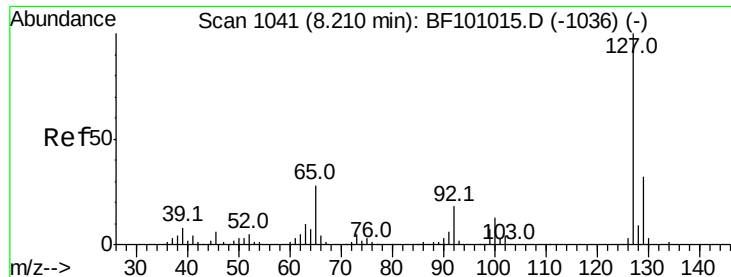
Ion Ratio Lower Upper

128 100

129 10.2 8.8 13.2

127 13.6 10.9 16.3

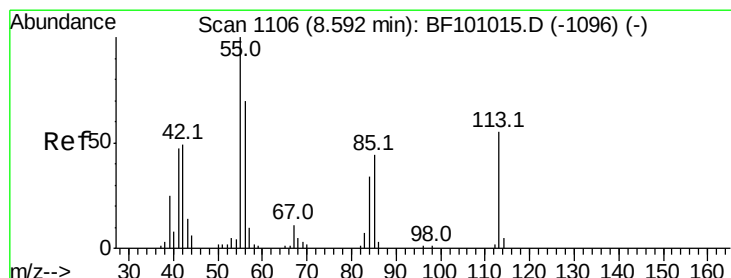
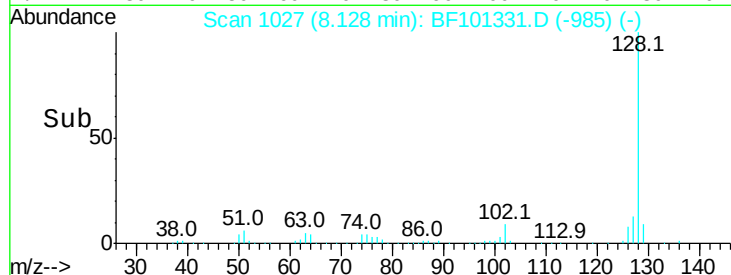
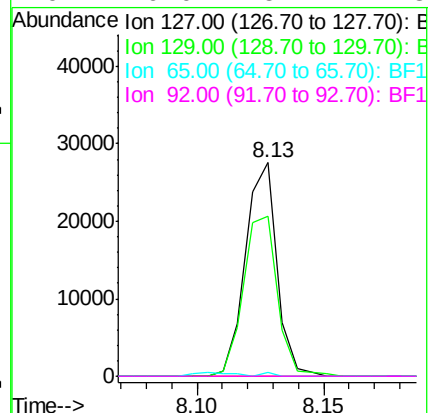
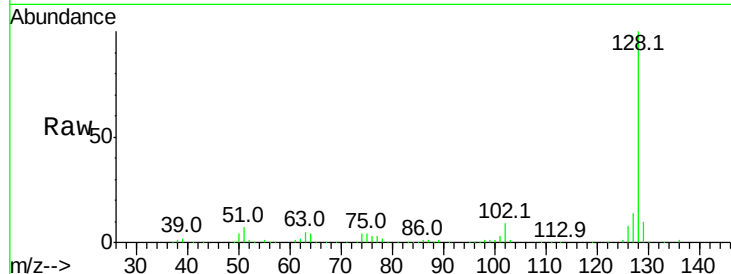




#33
4-Chloroaniline
Concen: 6.676 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

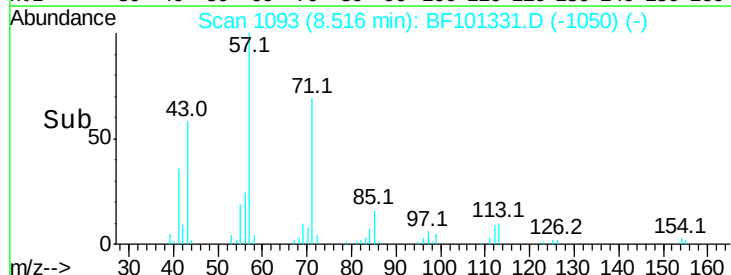
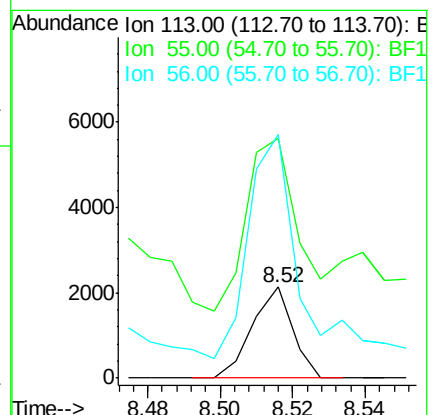
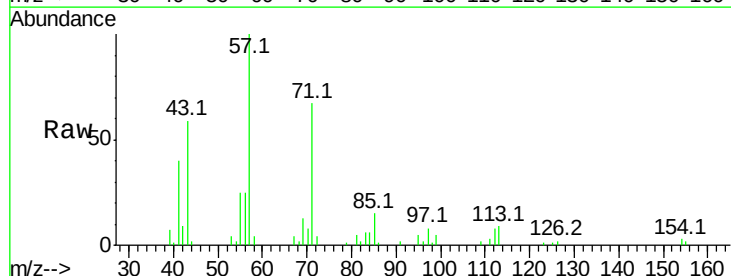
Instrument :
BNA_F
ClientSampleId :

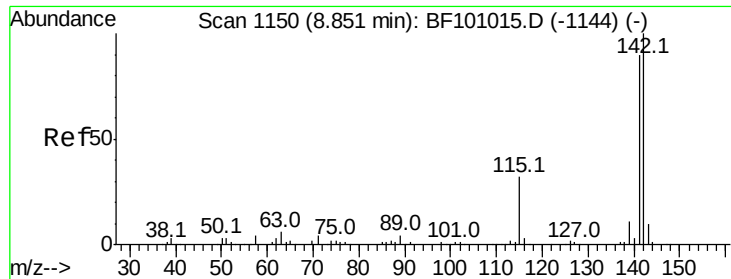
Tot Ion:127	Resp:	23708
Ion Ratio	Lower	Upper
127	100	
129	74.7	25.9 38.9#
65	1.7	25.0 37.4#
92	0.0	15.2 22.8#



#35
Caprolactam
Concen: 2.070 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.05 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion:113	Resp:	1643
Ion Ratio	Lower	Upper
113	100	
55	264.4	163.3 203.3#
56	268.1	115.7 155.7#

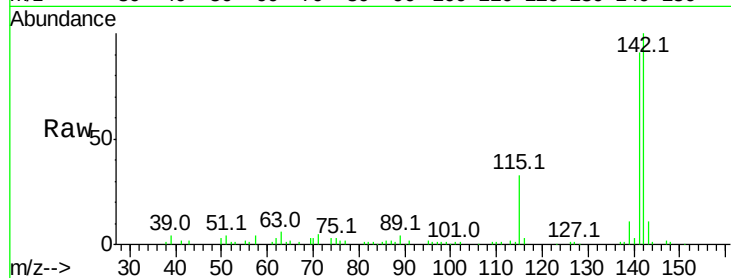




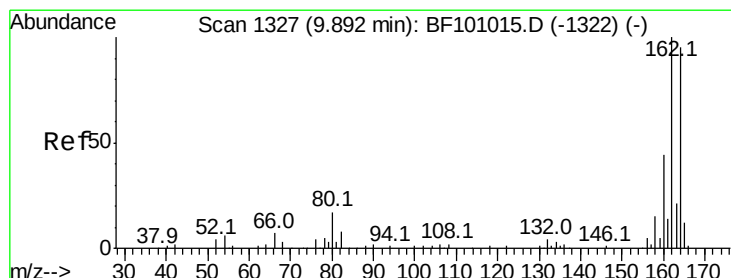
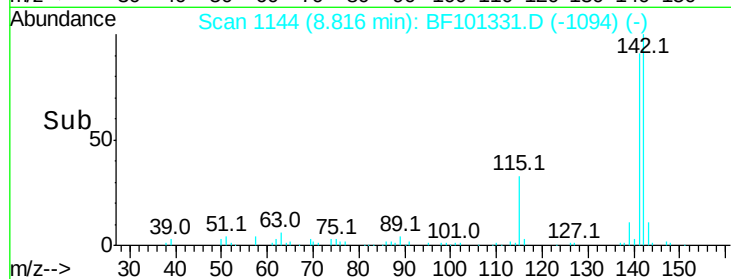
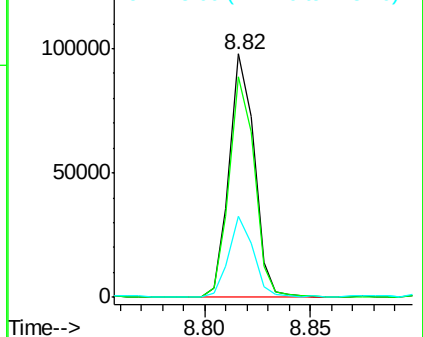
#37
2-Methylnaphthalene
Concen: 13.417 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 80578
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 33.1 26.1 39.1

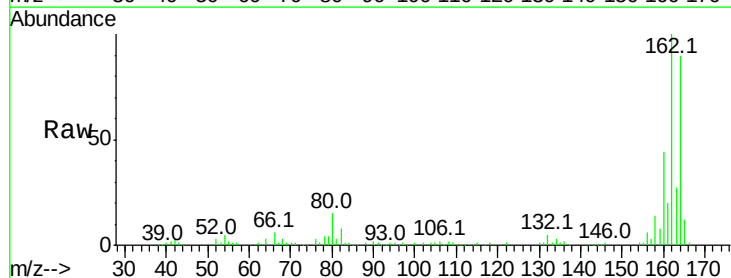


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

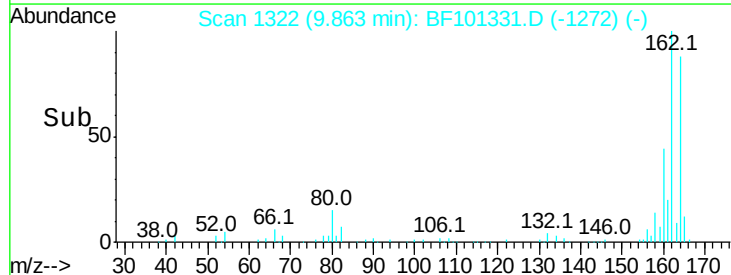
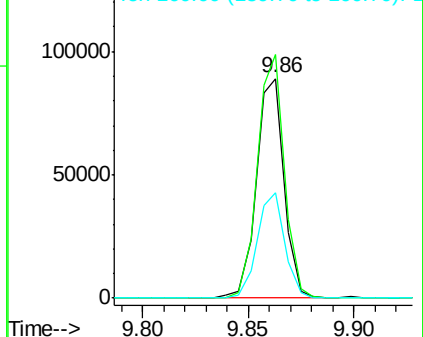


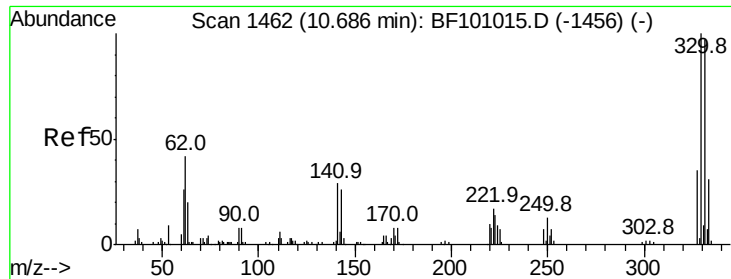
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion:164 Resp: 81146
Ion Ratio Lower Upper
164 100
162 110.8 86.1 129.1
160 48.2 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

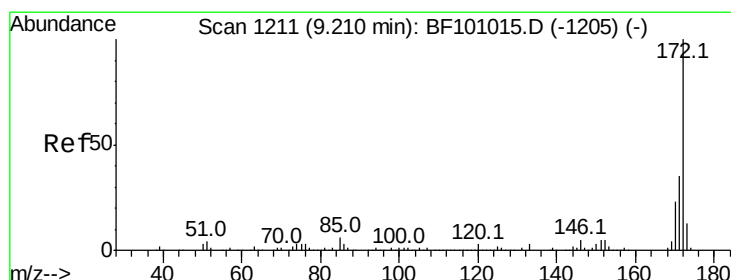
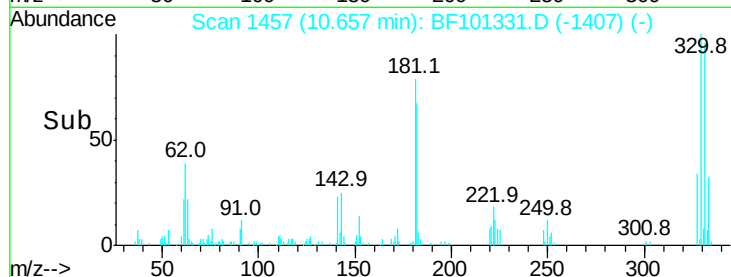
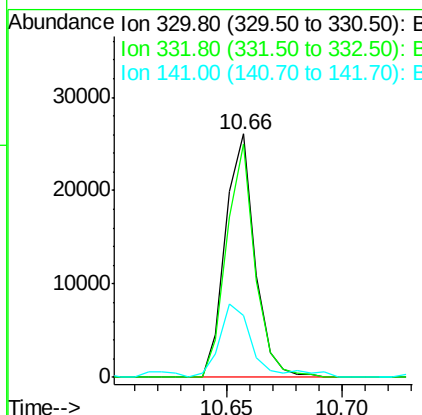
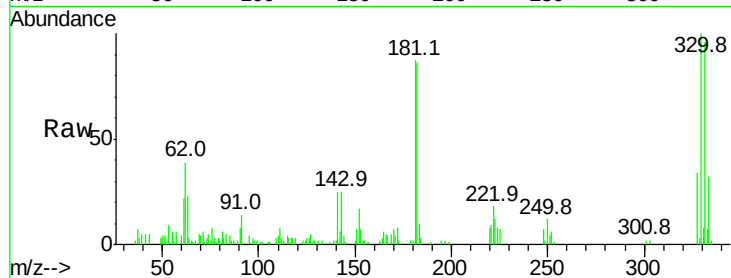




#41
 2,4,6-Tribromophenol
 Concen: 23.789 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

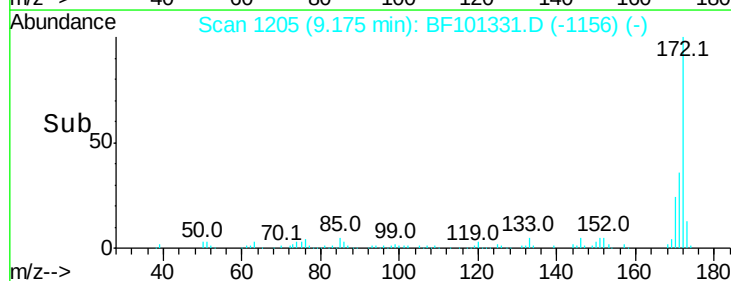
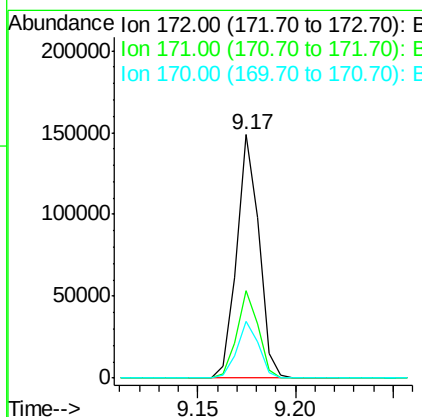
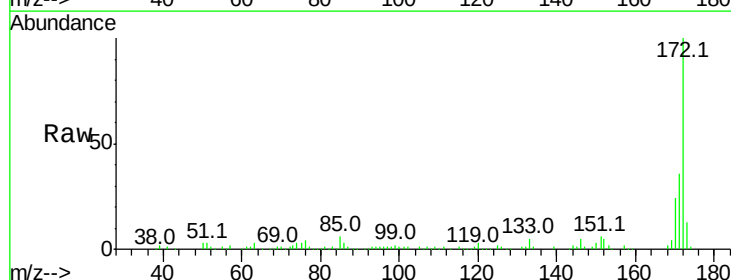
Instrument :
 BNA_F
 ClientSampleId :

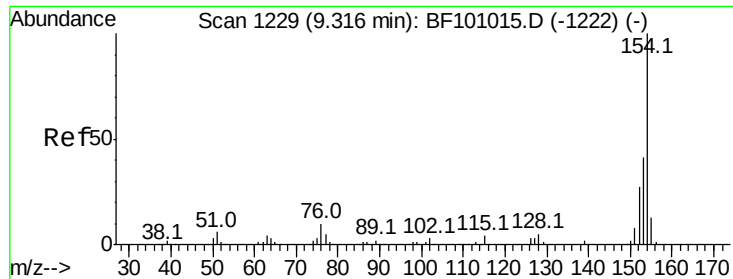
Tot Ion:330 Resp: 23189
 Ion Ratio Lower Upper
 330 100
 332 92.5 77.0 115.6
 141 31.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 19.888 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

Tgt Ion:172 Resp: 117951
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.5 19.6 29.4

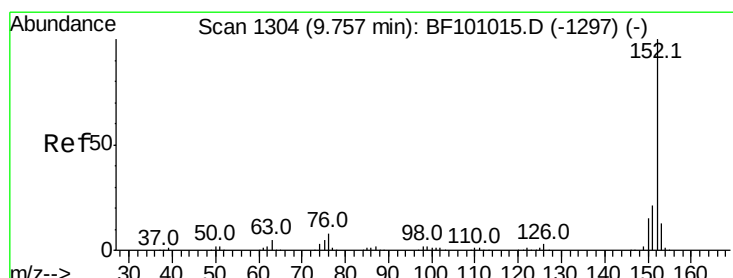
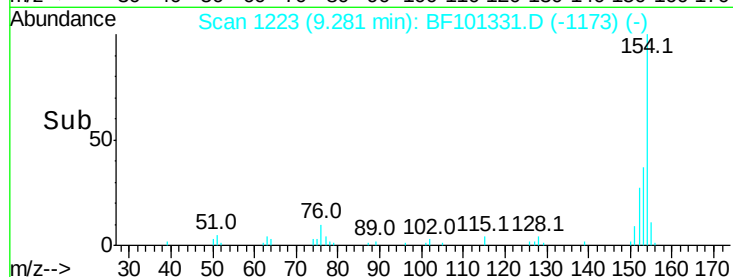
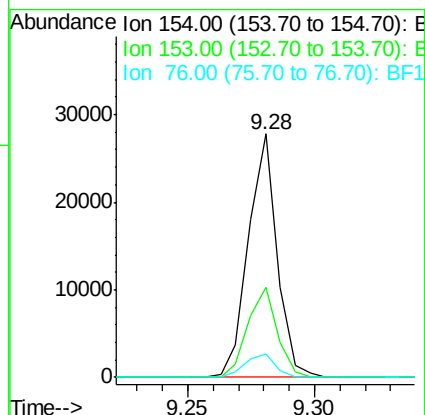
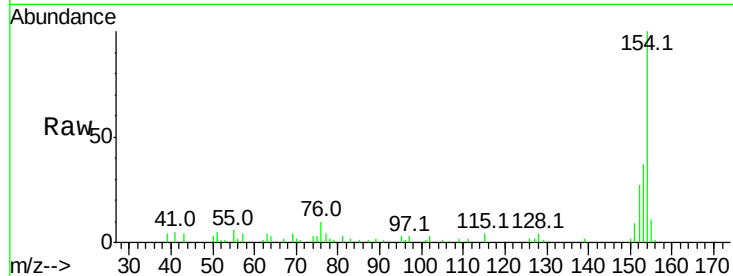




#45
 1,1'-Biphenyl
 Concen: 2.940 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

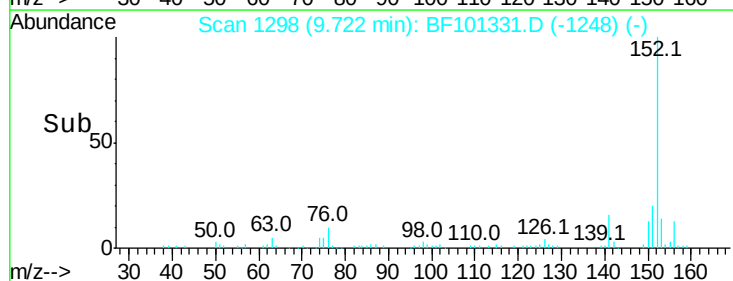
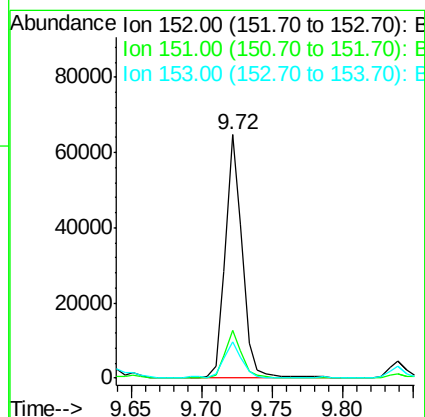
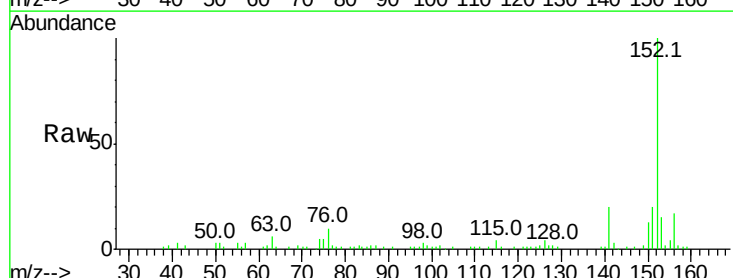
Instrument :
 BNA_F
 ClientSampleId :

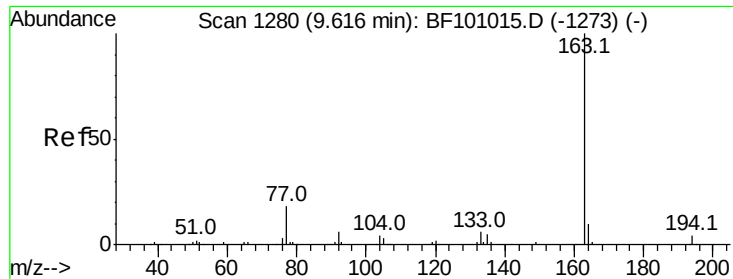
Tot Ion:154 Resp: 21856
 Ion Ratio Lower Upper
 154 100
 153 37.2 21.3 61.3
 76 9.7 0.0 34.0



#48
 Acenaphthylene
 Concen: 6.253 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

Tgt Ion:152 Resp: 54256
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.3 24.5
 153 14.9 10.7 16.1

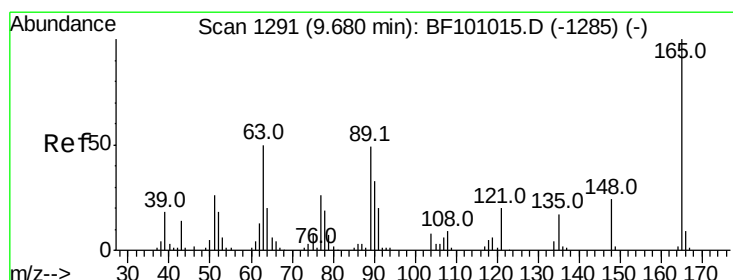
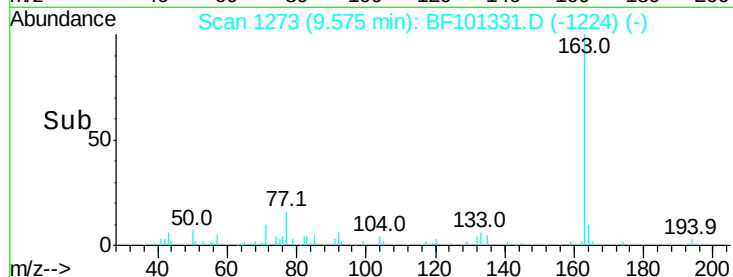
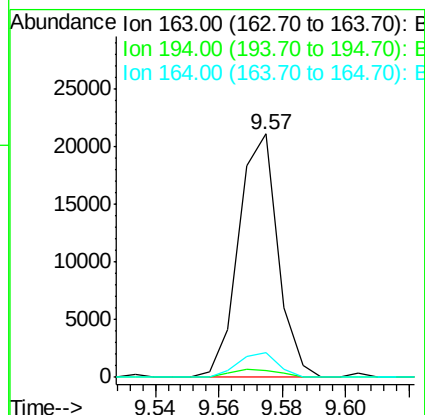
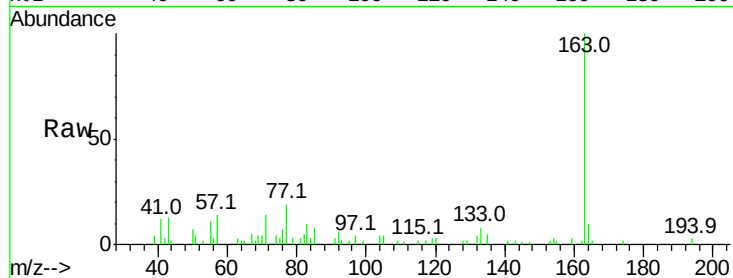




#49
Dimethylphthalate
Concen: 2.754 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

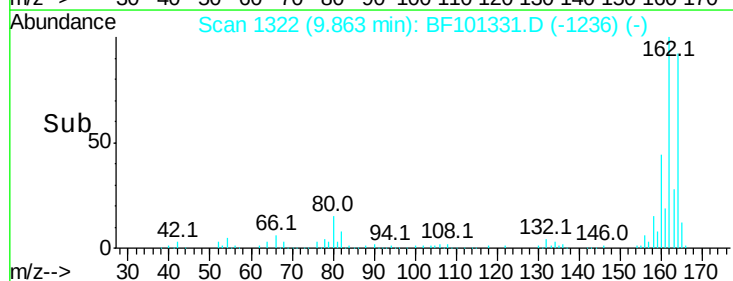
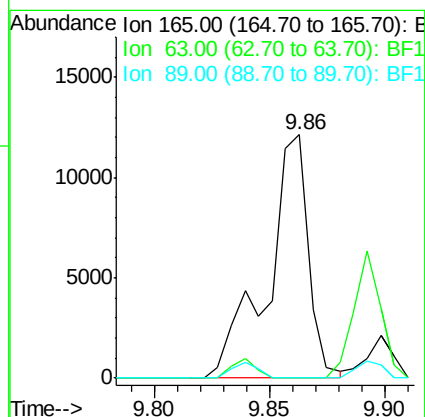
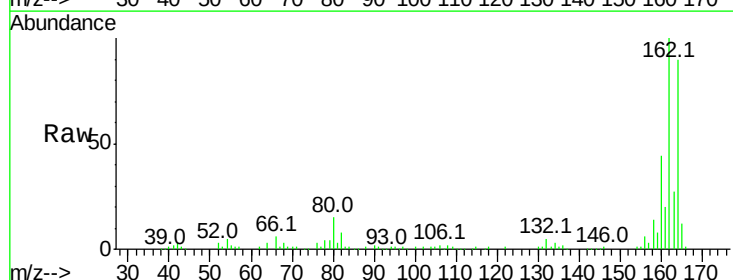
Instrument :
BNA_F
ClientSampled :

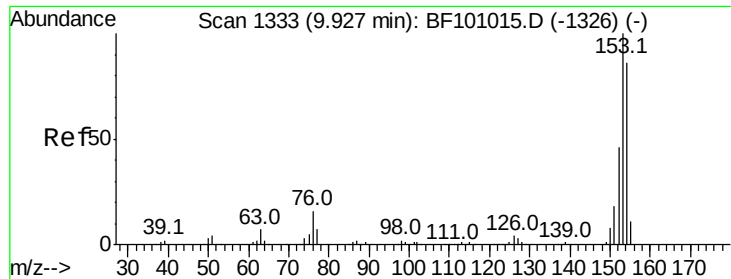
Tot Ion:163 Resp: 18025
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 10.816 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion:165 Resp: 14908
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#





#51

Acenaphthene

Concen: 11.793 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampled :

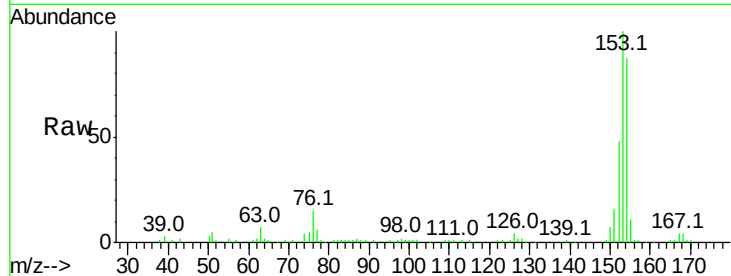
Tot Ion:154 Resp: 61275

Ion Ratio Lower Upper

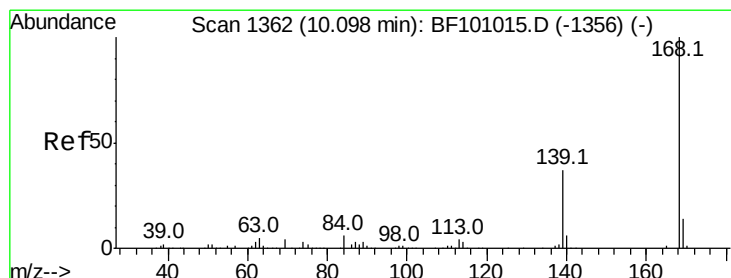
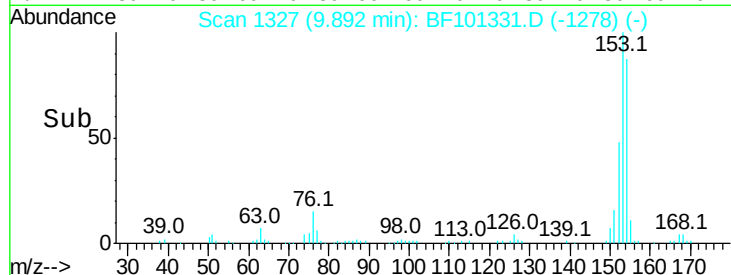
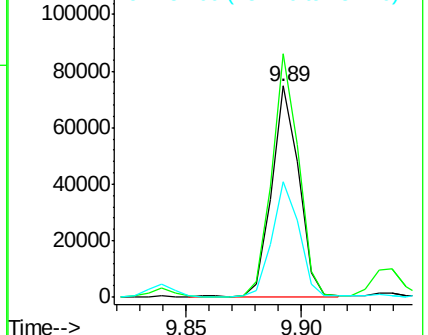
154 100

153 115.3 91.2 136.8

152 54.8 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



#54

Dibenzofuran

Concen: 15.129 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

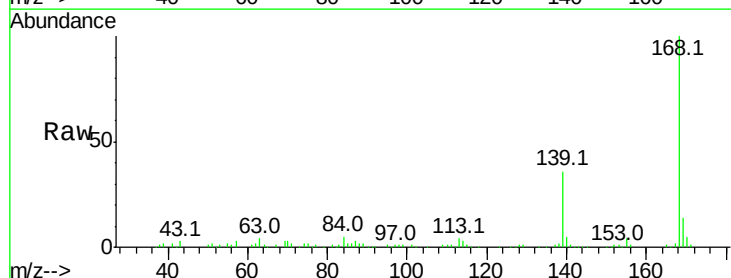
Tgt Ion:168 Resp: 113279

Ion Ratio Lower Upper

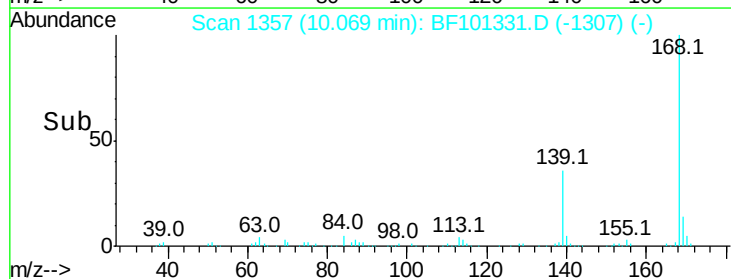
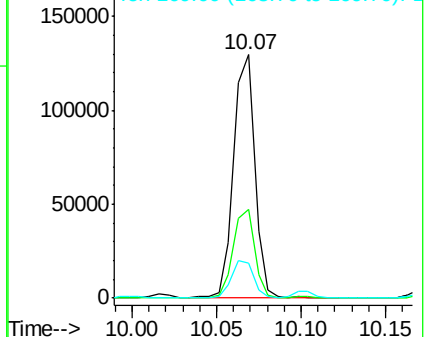
168 100

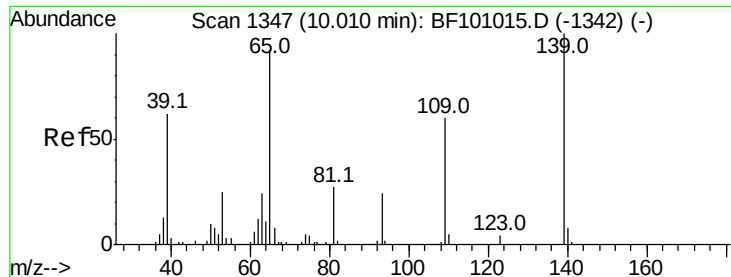
139 36.4 30.1 45.1

169 14.2 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

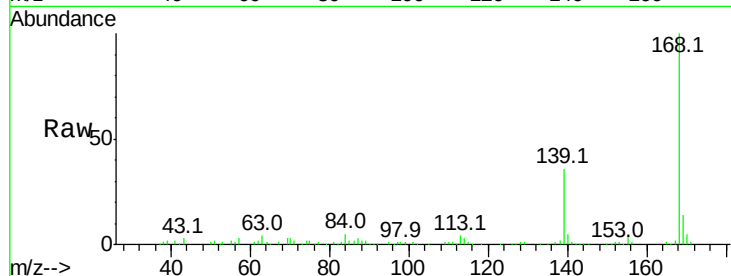




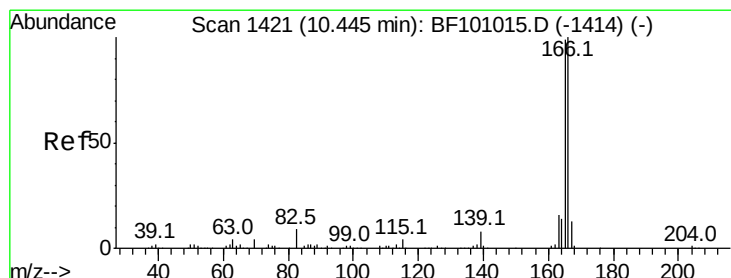
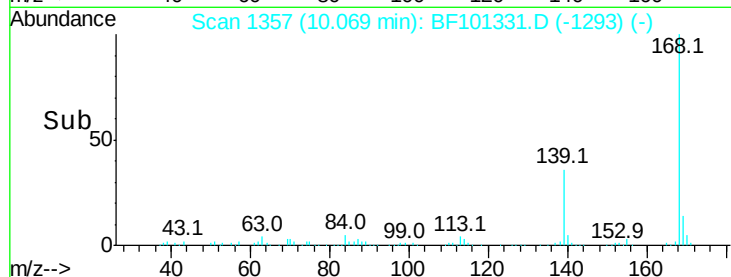
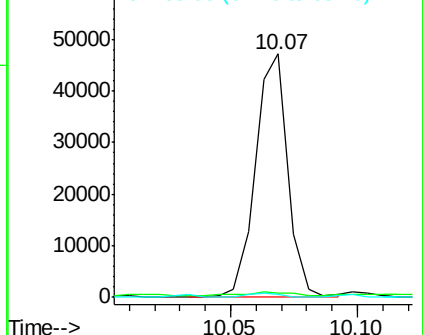
#55
4-Nitrophenol
Concen: 40.154 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.08 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.8	48.4	88.4#
65	1.3	72.6	112.6#

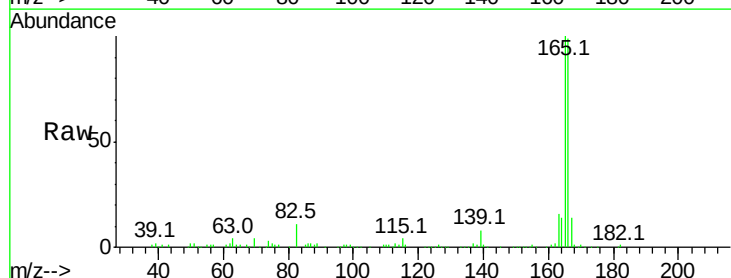


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

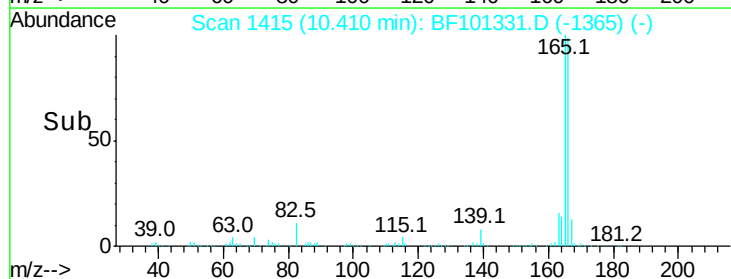
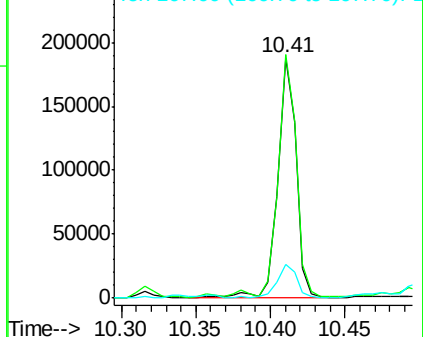


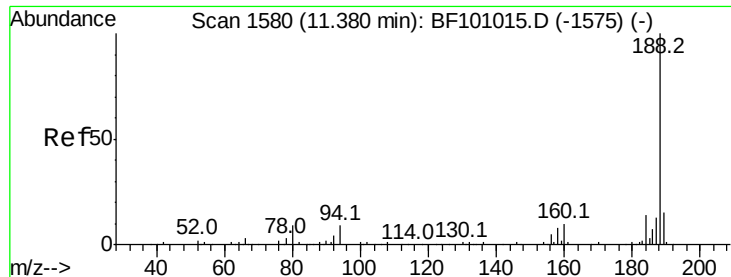
#57
Fluorene
Concen: 26.407 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	13.9	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

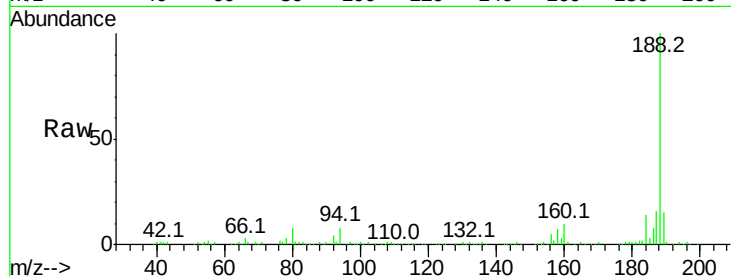




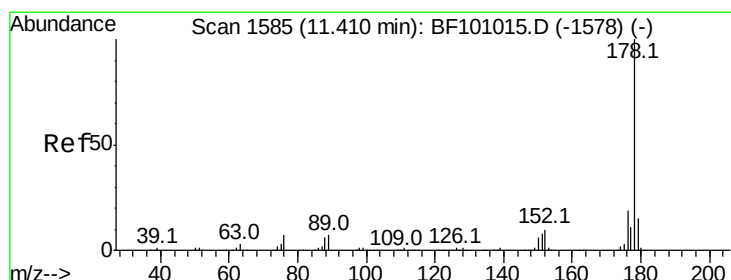
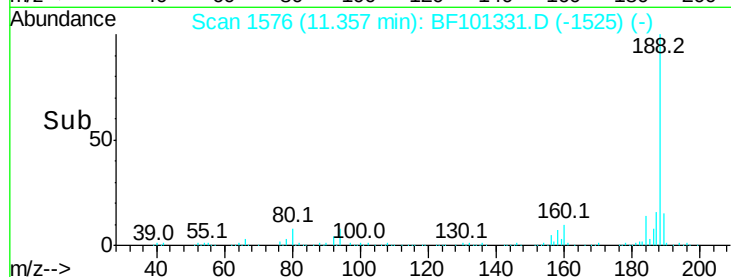
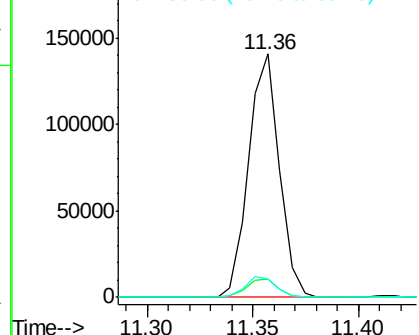
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 141616
Ion Ratio Lower Upper
188 100
94 7.7 8.5 12.7#
80 7.7 9.2 13.8#

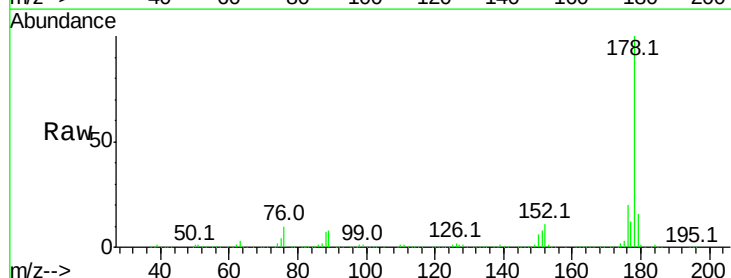


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

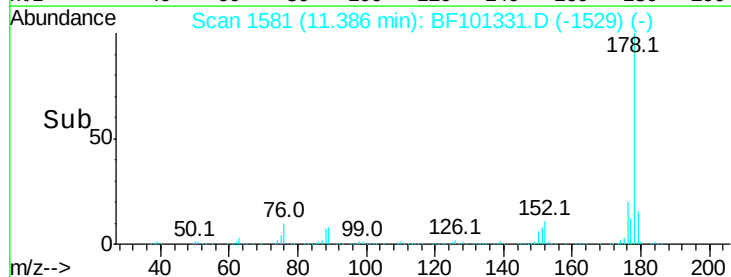
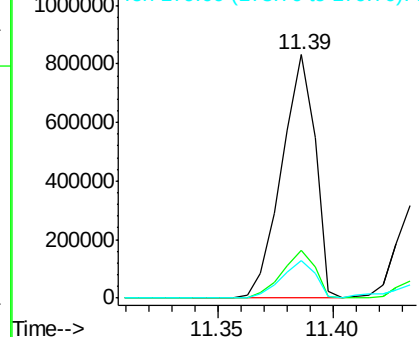


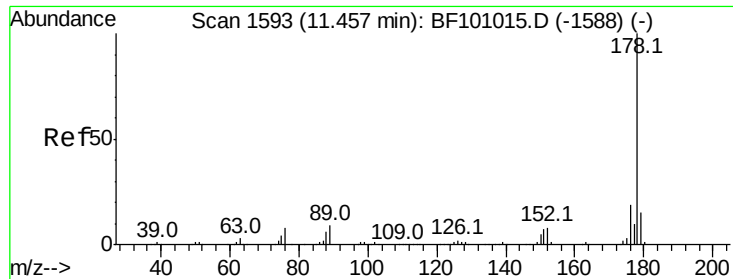
#70
Phenanthrene
Concen: 107.290 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion:178 Resp: 836728
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.6 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

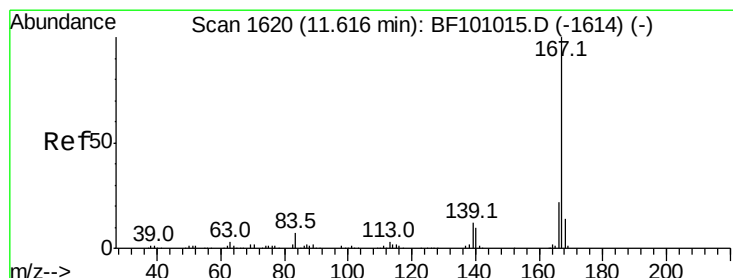
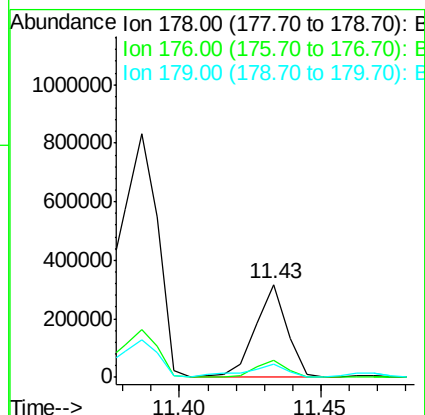
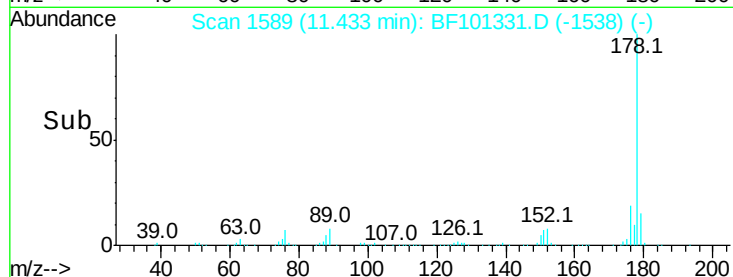
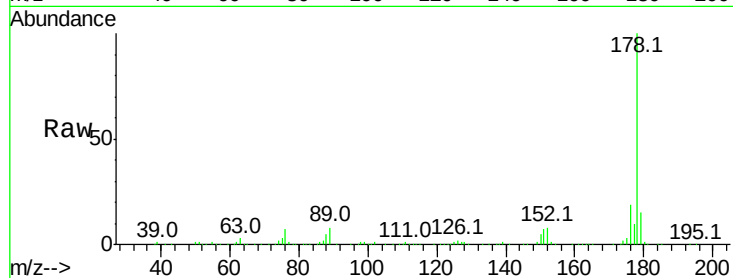




#71
 Anthracene
 Concen: 30.833 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

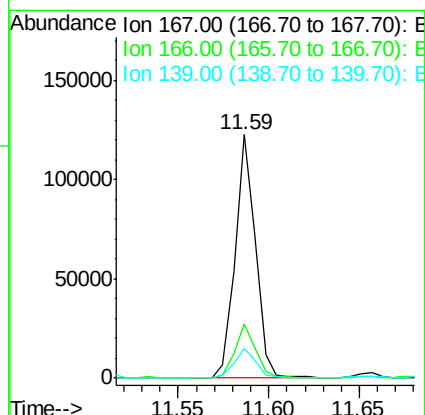
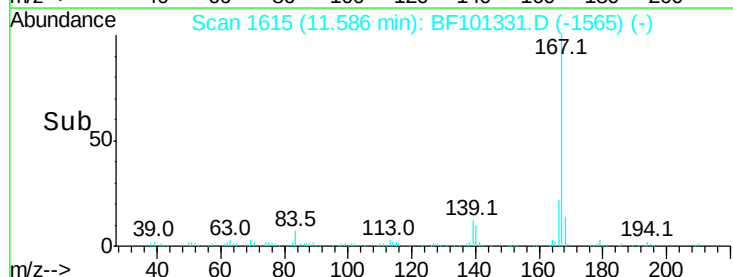
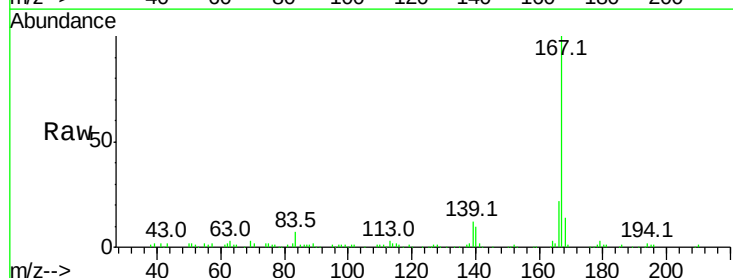
Instrument :
 BNA_F
 ClientSampleId :

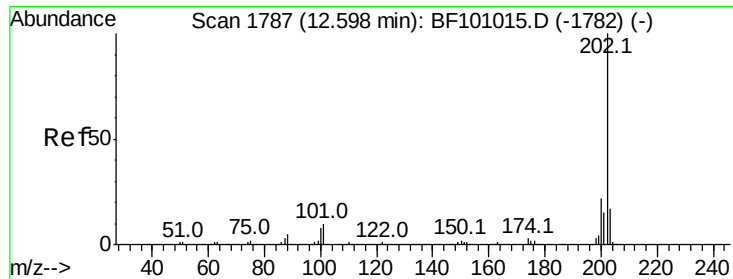
Tot Ion:178 Resp: 243361
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 13.420 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF101331.D
 Acq: 12 Dec 2017 15:55

Tgt Ion:167 Resp: 96778
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.5 10.9 16.3





#74

Fluoranthene

Concen: 86.262 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF101331.D

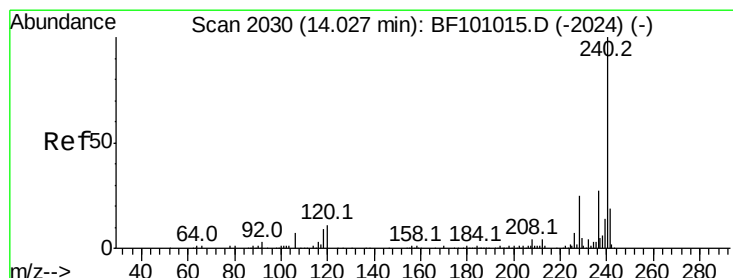
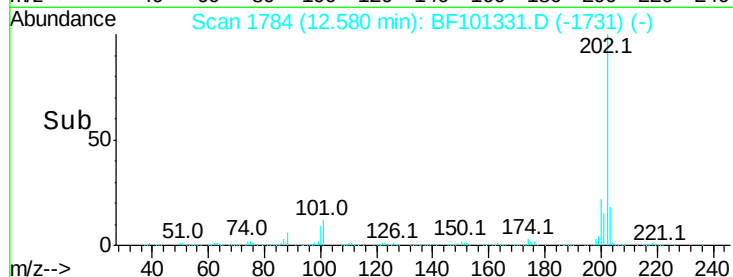
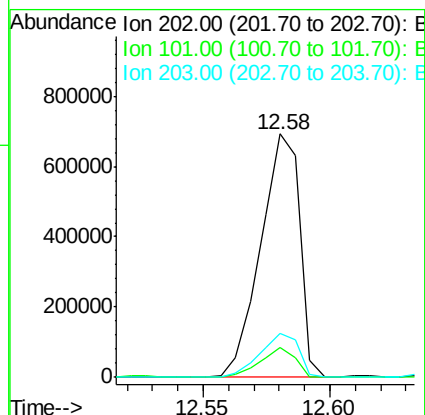
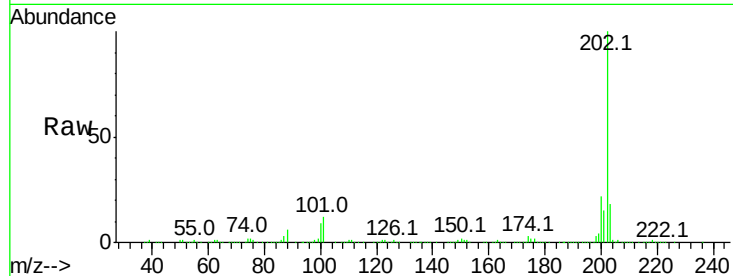
Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	745717
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.1	0.0	38.1



#75

Chrysene-d12

Concen: 20.000 ng

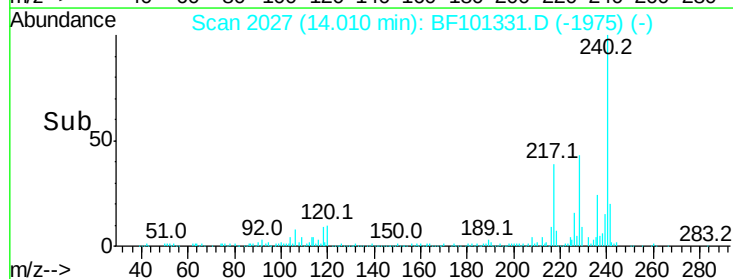
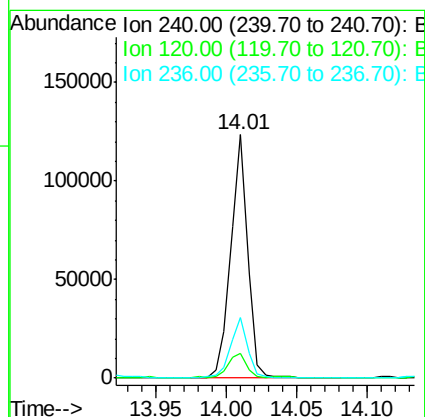
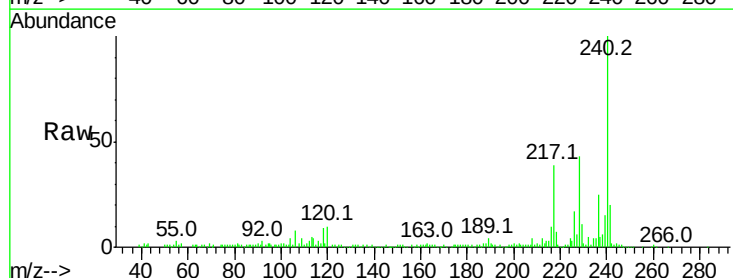
RT: 14.01 min Scan# 2027

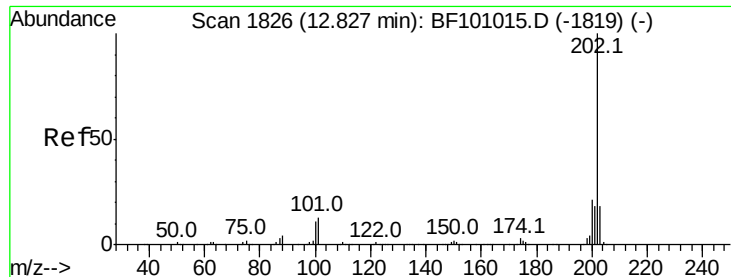
Delta R.T. 0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Tgt Ion:	240	Resp:	101754
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	24.9	20.7	31.1





#77

Pvrene

Concen: 89.337 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

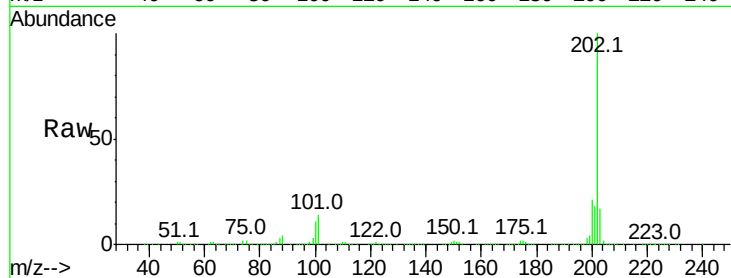
Tot Ion:202 Resp: 627267

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

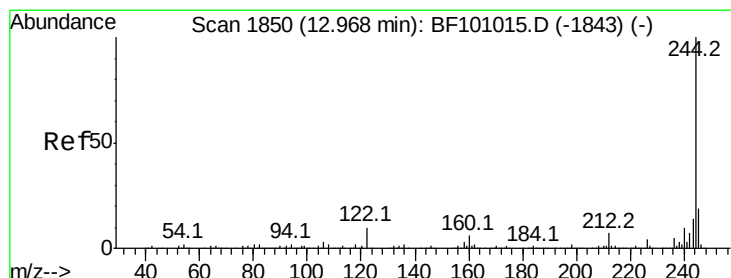
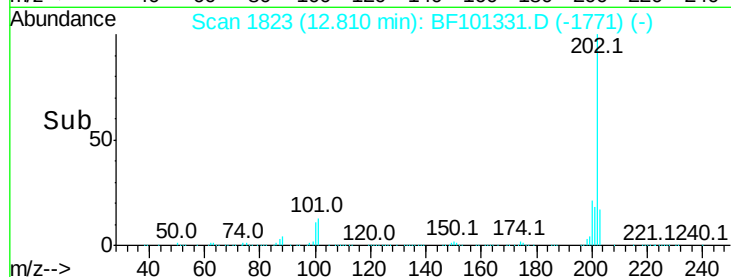
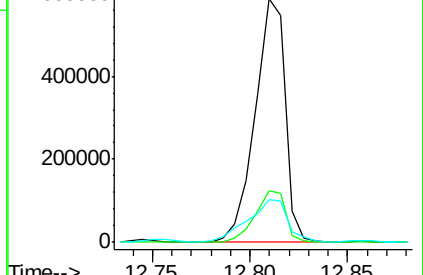
203 17.4 14.3 21.5



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: 19.329 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

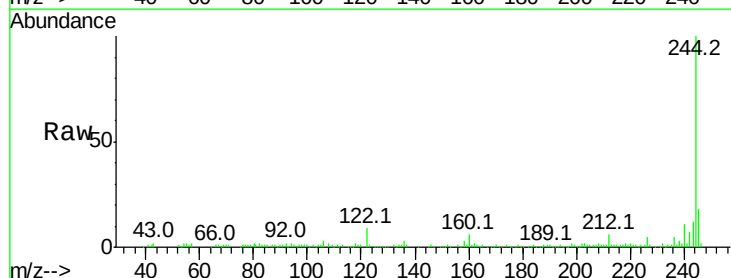
Tgt Ion:244 Resp: 89919

Ion Ratio Lower Upper

244 100

212 5.8 5.4 8.0

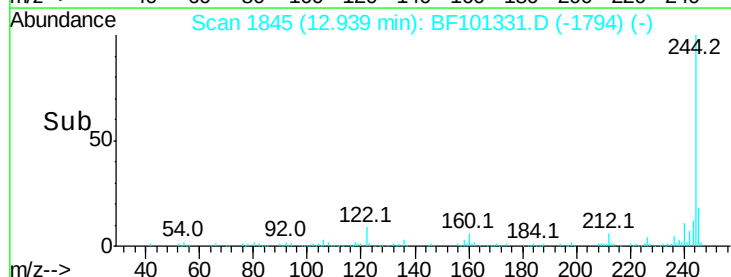
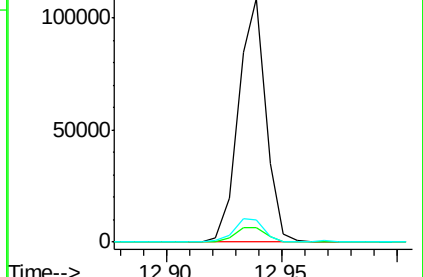
122 8.9 11.0 16.4#

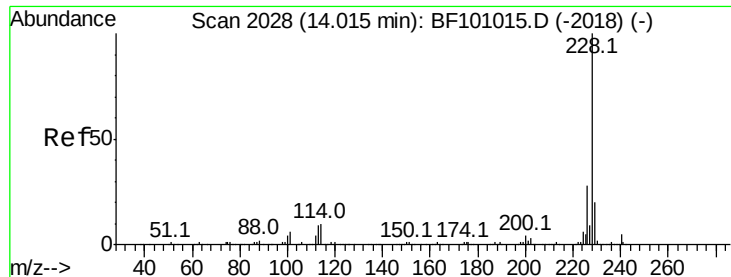


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 48.845 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

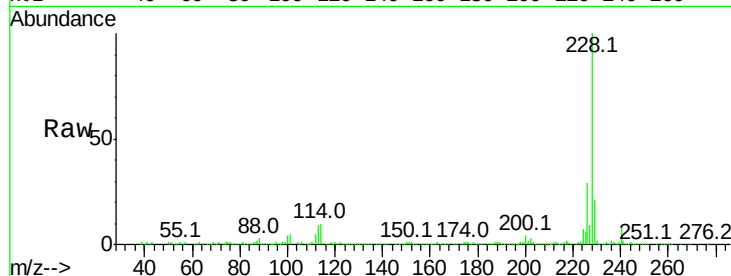
Tot Ion:228 Resp: 313809

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

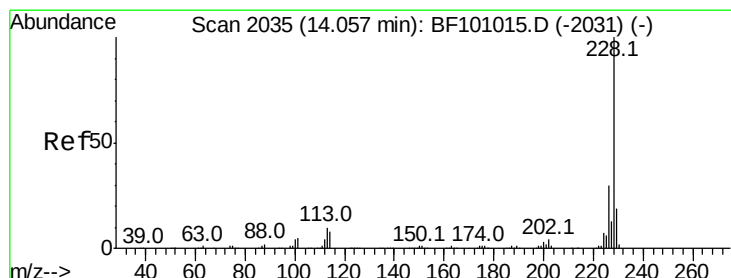
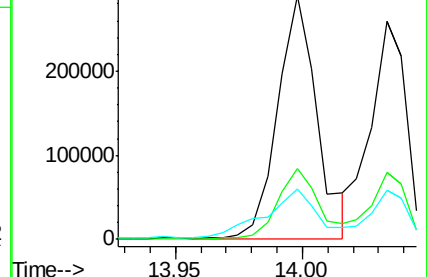
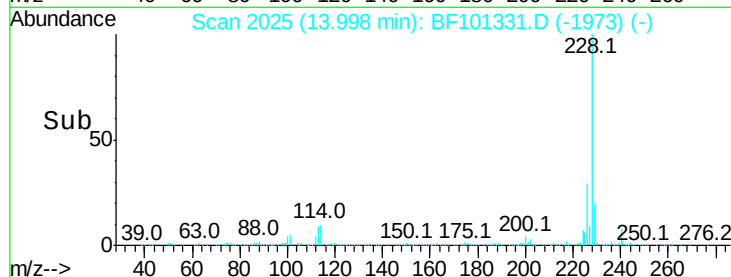
229 20.8 15.8 23.6



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: 42.410 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

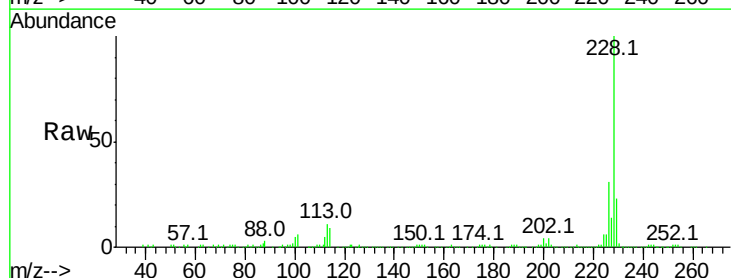
Tgt Ion:228 Resp: 253044

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

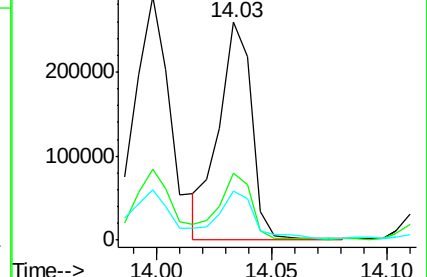
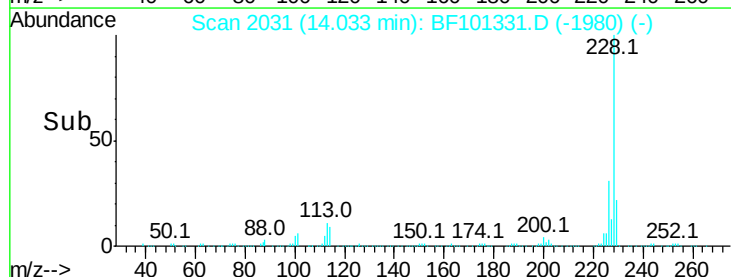
229 22.8 16.2 24.4

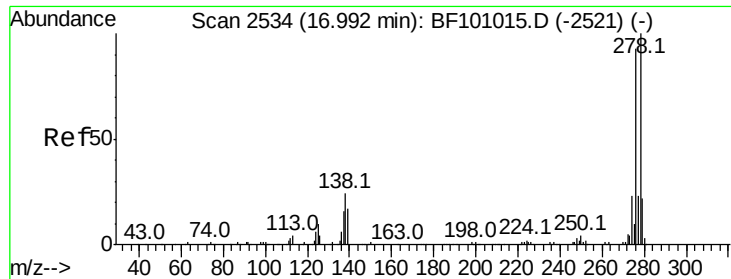


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.727 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.03 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

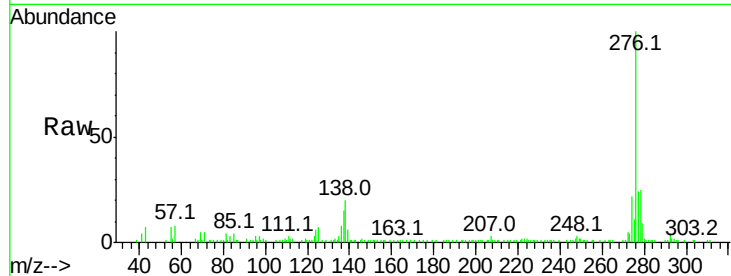
Tot Ion:276 Resp: 104642

Ion Ratio Lower Upper

276 100

138 20.5 25.0 37.6#

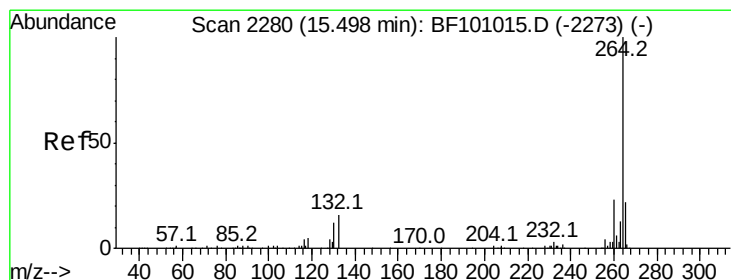
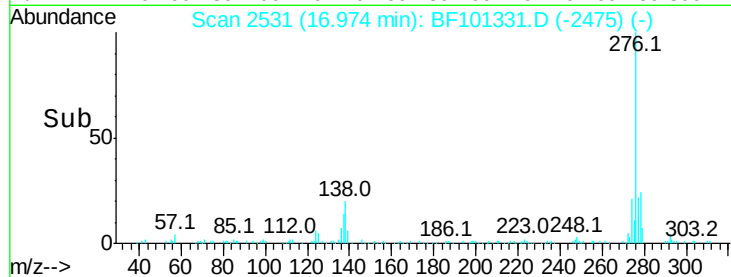
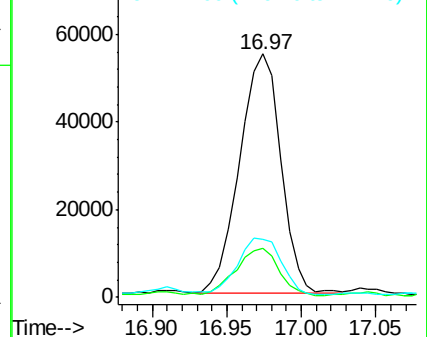
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

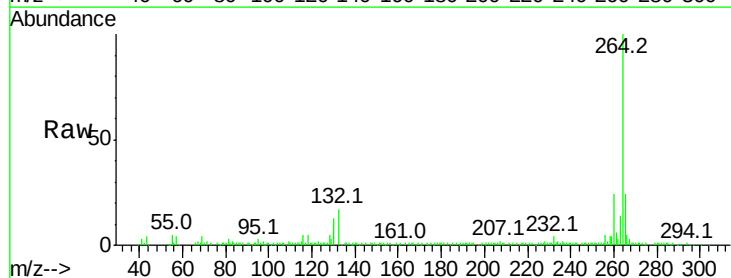
Tgt Ion:264 Resp: 101555

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

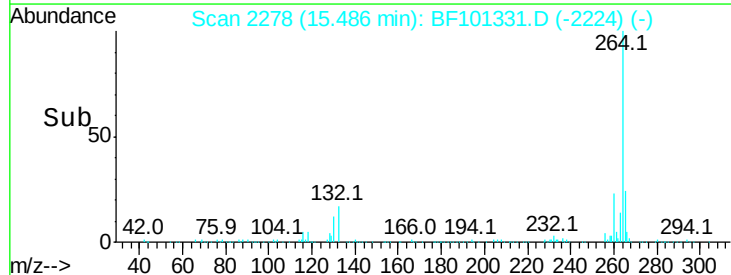
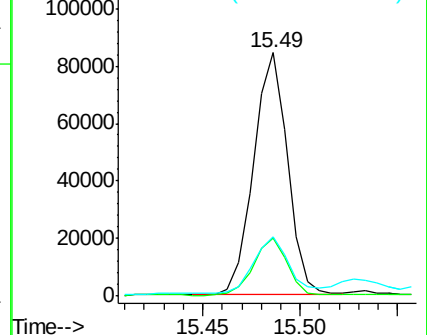
265 24.3 17.5 26.3

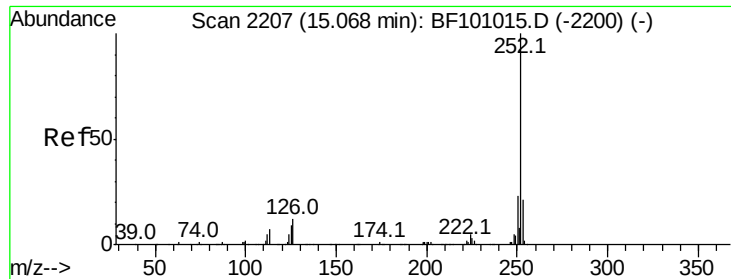


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

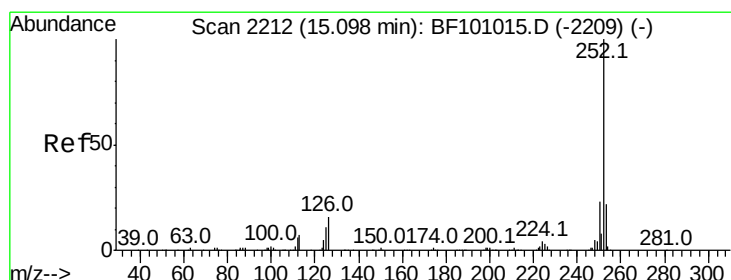
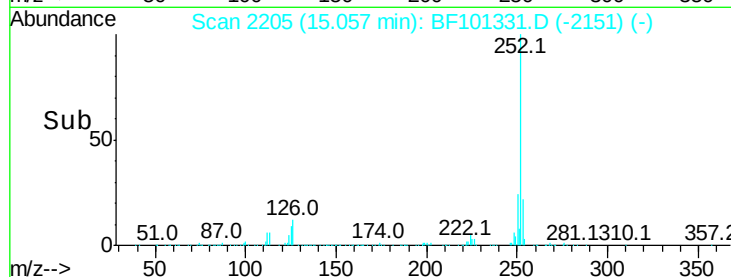
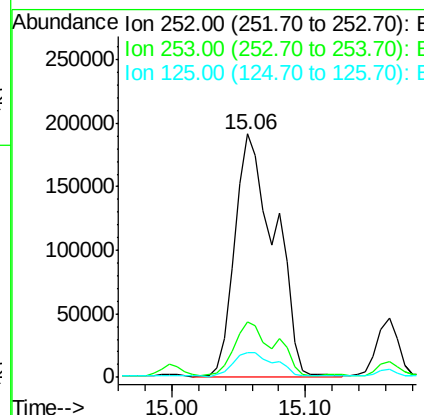
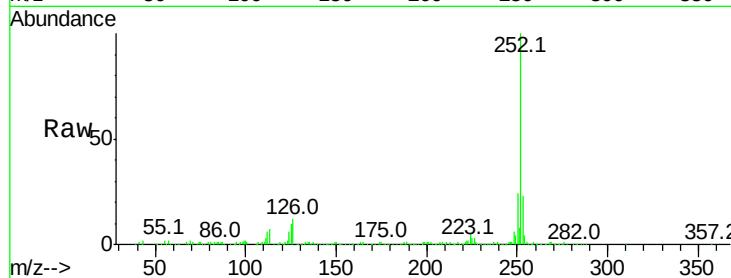




#87
Benzo(b)fluoranthene
Concen: 65.655 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

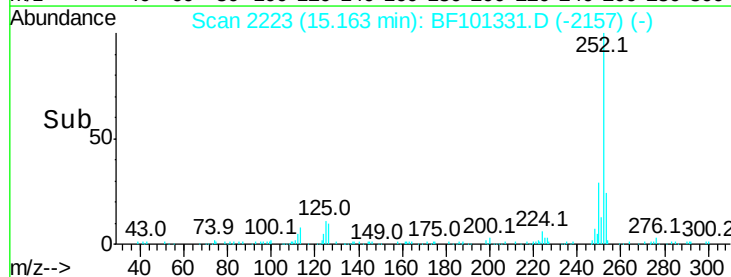
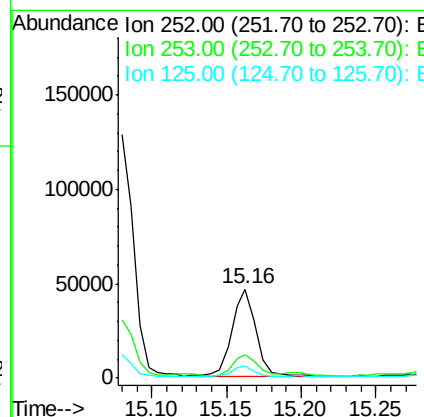
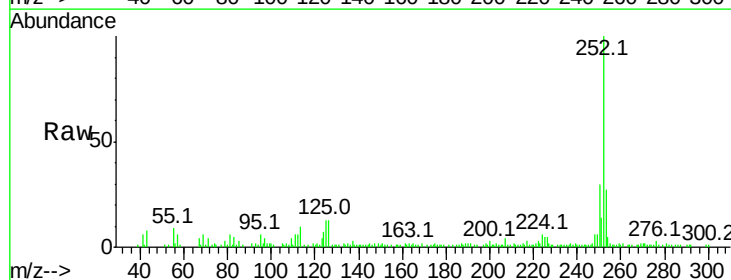
Instrument :
BNA_F
ClientSampleId :

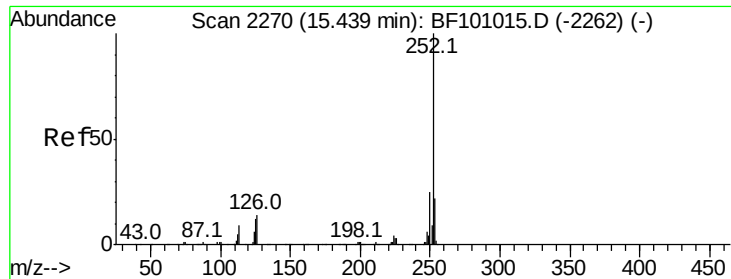
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.1	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 8.909 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.09 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	12.8	10.2	15.2

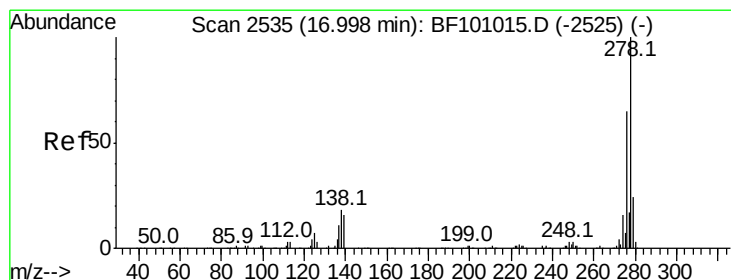
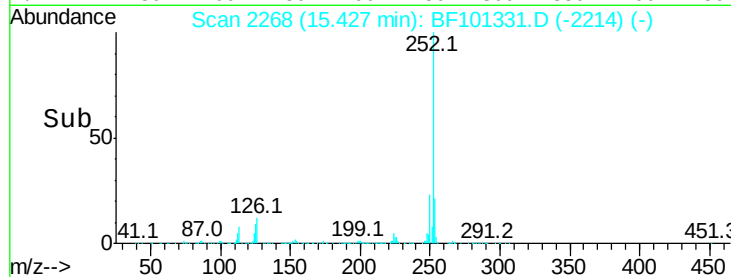
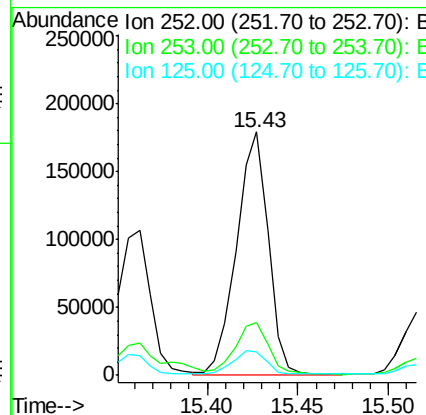
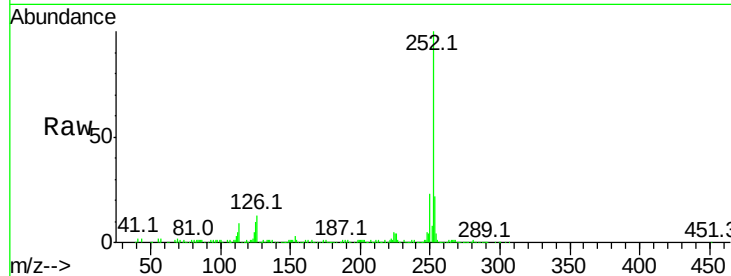




#89
Benzo(a)pyrene
Concen: 39.134 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

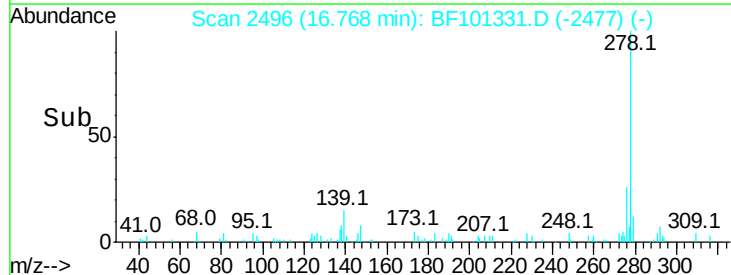
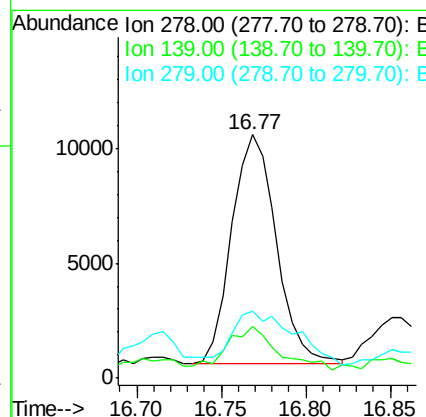
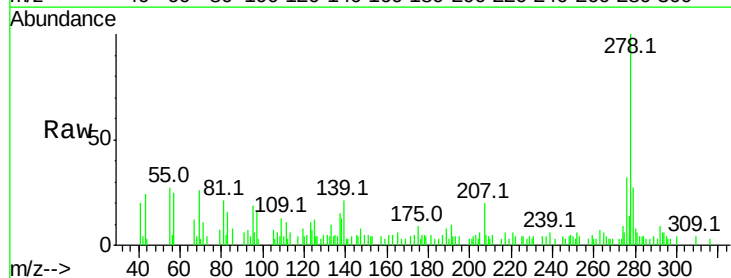
Instrument :
BNA_F
ClientSampleId :

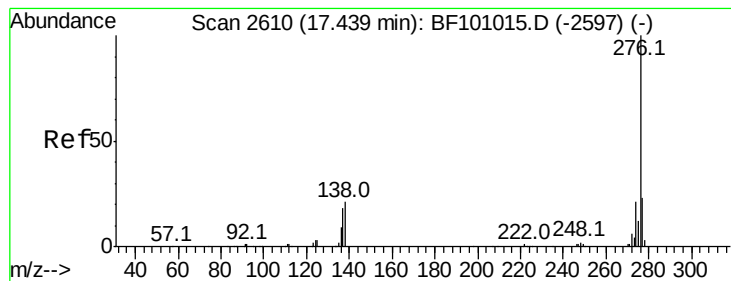
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.8	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.763 ng
RT: 16.77 min Scan# 2496
Delta R.T. -0.19 min
Lab File: BF101331.D
Acq: 12 Dec 2017 15:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	27.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 21.094 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.04 min

Lab File: BF101331.D

Acq: 12 Dec 2017 15:55

Instrument :

BNA_F

ClientSampleId :

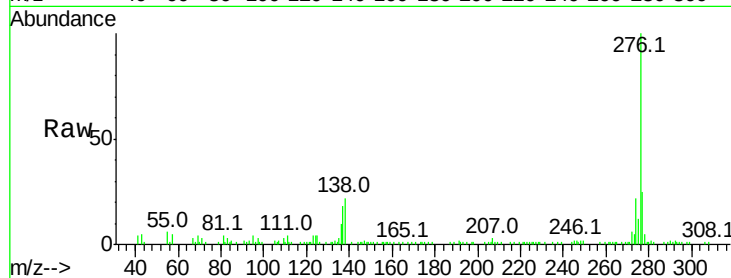
Tot Ion:276 Resp: 96918

Ion Ratio Lower Upper

276 100

277 25.1 17.9 26.9

138 21.7 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

