

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101032.D
 Acq On : 30 Nov 2017 21:58
 Operator : SJ/JU
 Sample : I6289-09 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 00:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

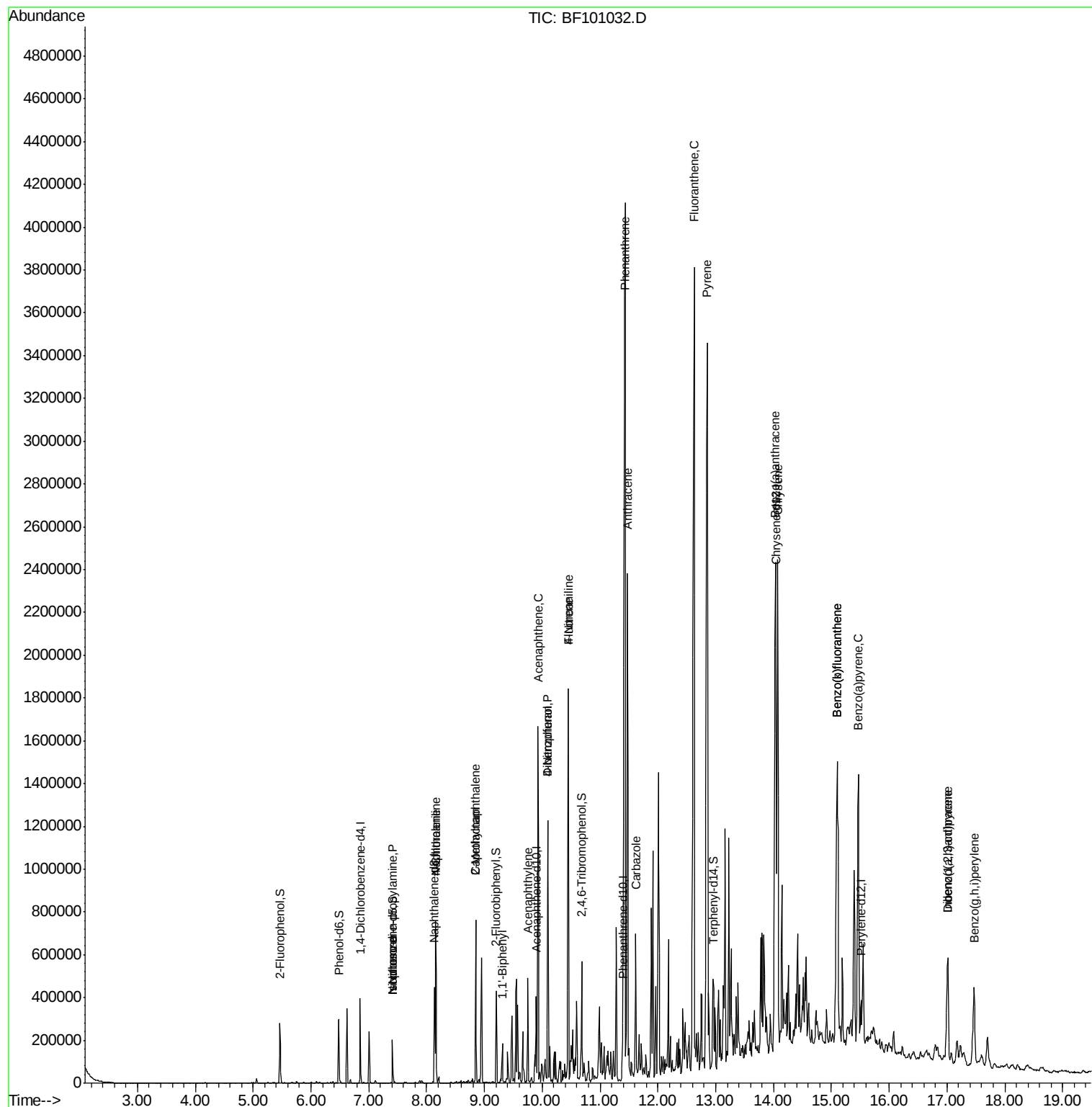
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53120	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	196204	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	74740	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	111968	20.00	ng	0.00
75) Chrysene-d12	14.04	240	107451	20.00	ng	0.02
86) Perylene-d12	15.52	264	90214	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	73281	22.80	ng	0.00
7) Phenol-d6	6.48	99	102304	26.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	61538	18.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	20827	23.20	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	136398	24.97	ng	0.00
78) Terphenyl-d14	12.96	244	110507	22.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	7861	2.991	ng	# 80
25) Isophorone	7.41	82	61538	10.953	ng	# 64
31) Naphthalene	8.16	128	305803	31.624	ng	100
33) 4-Chloroaniline	8.16	127	40233	10.355	ng	# 35
35) Caprolactam	8.85	113	3981	4.584	ng	# 1
37) 2-Methylnaphthalene	8.85	142	196200	29.860	ng	98
45) 1,1'-Biphenyl	9.31	154	50223	7.334	ng	98
48) Acenaphthylene	9.75	152	150487	18.830	ng	98
51) Acenaphthene	9.93	154	338163	70.664	ng	99
54) Dibenzofuran	10.10	168	478508	69.386	ng	98
55) 4-Nitrophenol	10.10	139	179941	186.886	ng	# 10
57) Fluorene	10.45	166	597586	106.594	ng	99
61) 4-Nitroaniline	10.45	138	6659	4.493	ng	# 19
70) Phenanthrene	11.43	178	2977996	482.968	ng	99
71) Anthracene	11.47	178	967515	155.037	ng	100
72) Carbazole	11.62	167	246397	43.214	ng	99
74) Fluoranthene	12.63	202	2885751	422.206	ng	98
77) Pyrene	12.86	202	2475916	333.931	ng	99
80) Benzo(a)anthracene	14.03	228	1300194	191.648	ng	98
82) Chrysene	14.07	228	968322	153.685	ng	97
85) Indeno(1,2,3-cd)pyrene	17.02	276	356329	63.612	ng	# 87
87) Benzo(b)fluoranthene	15.10	252	1327622	245.693	ng	97
88) Benzo(k)fluoranthene	15.10	252	1327622	249.378	ng	98
89) Benzo(a)pyrene	15.47	252	704883	143.487	ng	97
90) Dibenzo(a,h)anthracene	17.02	278	82077	18.952	ng	94
91) Benzo(g,h,i)perylene	17.47	276	328306	80.438	ng	# 91

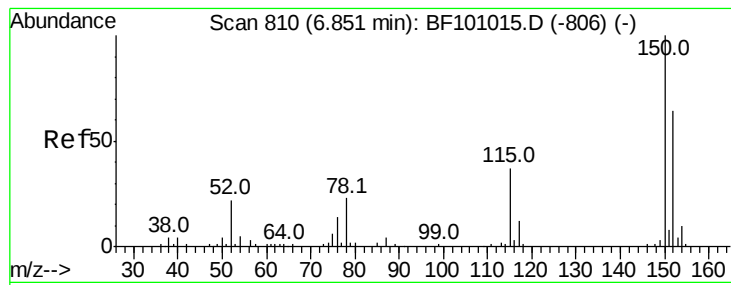
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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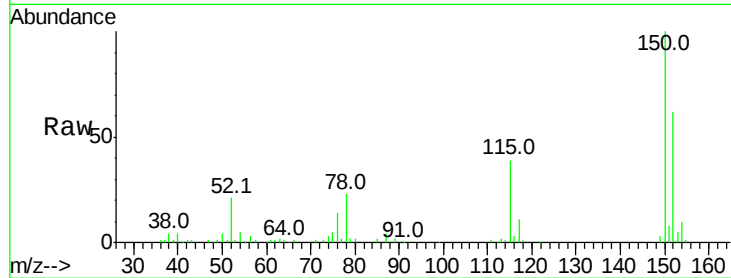


#1

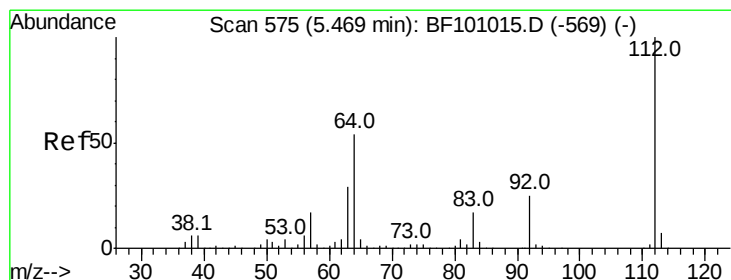
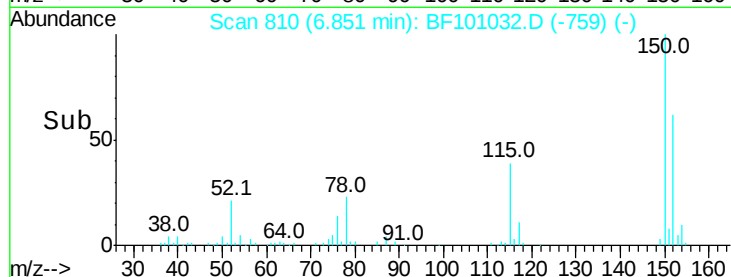
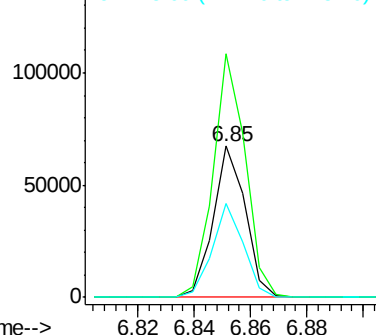
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 53120
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 62.2 50.1 75.1



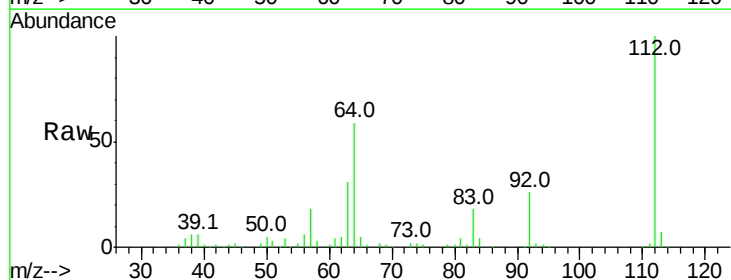
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



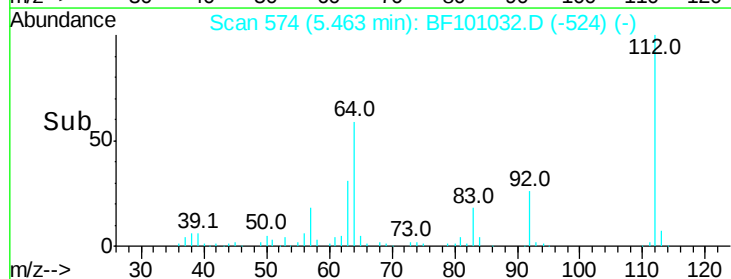
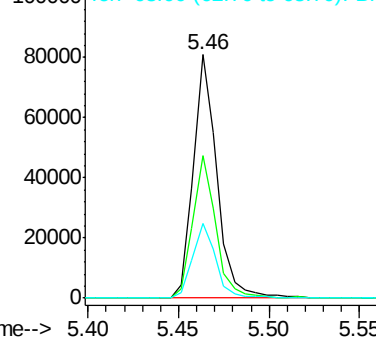
#5

2-Fluorophenol
Concen: 22.796 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:112 Resp: 73281
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.8 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: 26.212 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampleID :

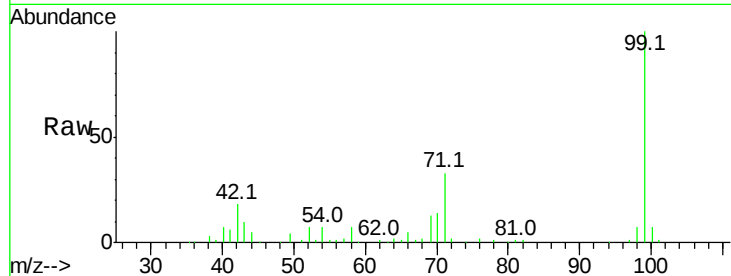
Tot Ion: 99 Resp: 102304

Ion Ratio Lower Upper

99 100

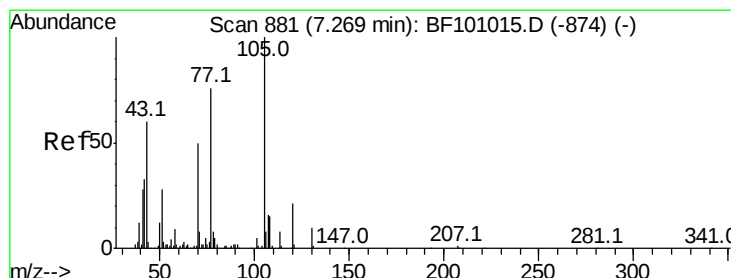
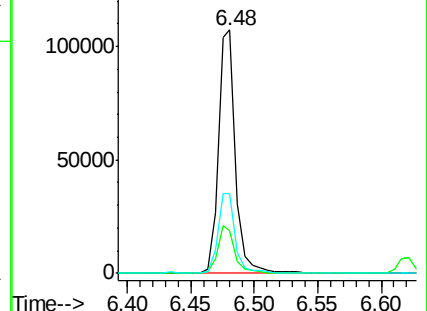
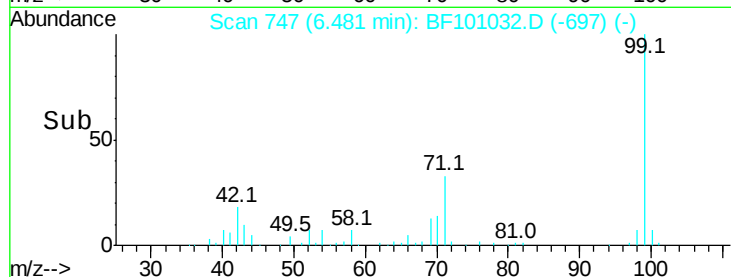
42 17.7 14.5 21.7

71 32.6 25.4 38.0



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

6.48



#19

n-Nitroso-di-n-propylamine

Concen: 2.991 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Tgt Ion: 70 Resp: 7861

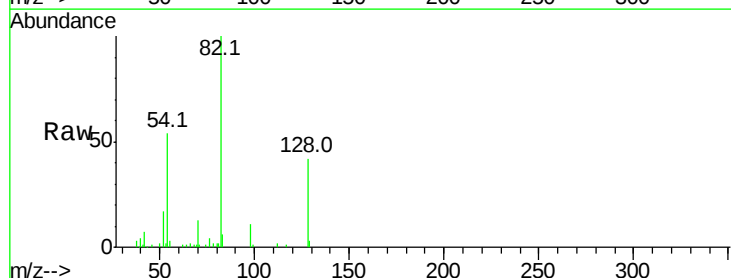
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

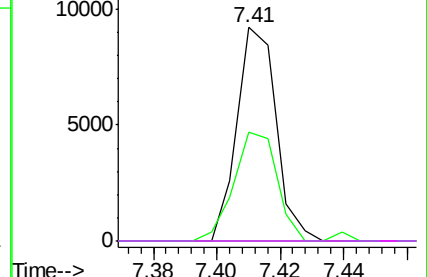
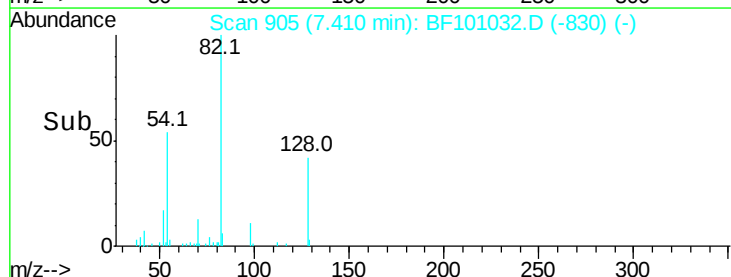
101 0.0 7.4 11.2#

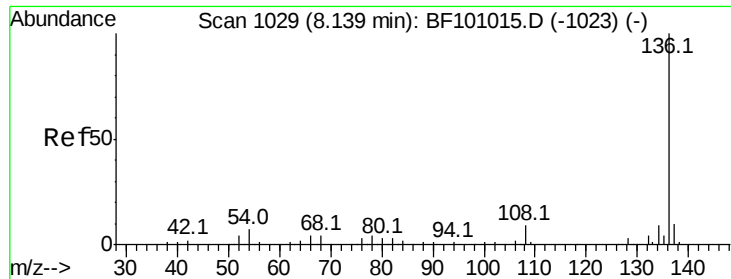
130 0.0 16.6 25.0#



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

7.41

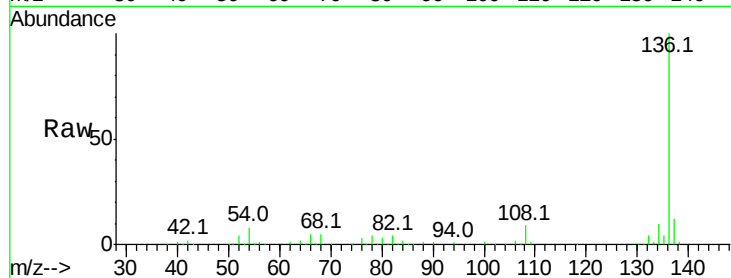




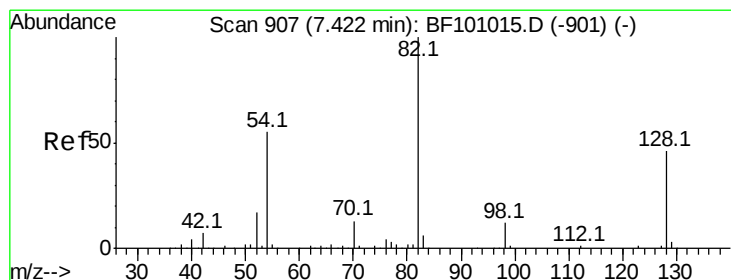
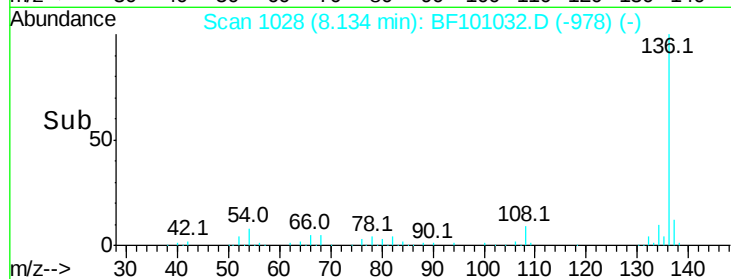
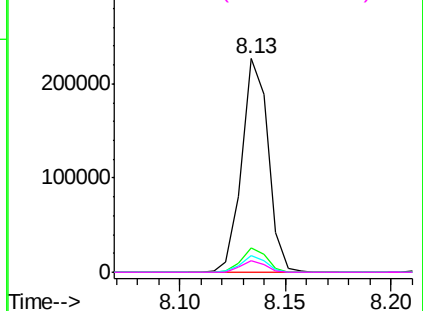
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	196204
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.0	6.6	9.8
68	5.1	5.0	7.4

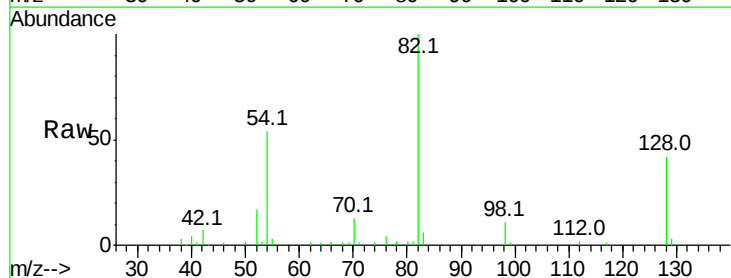


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

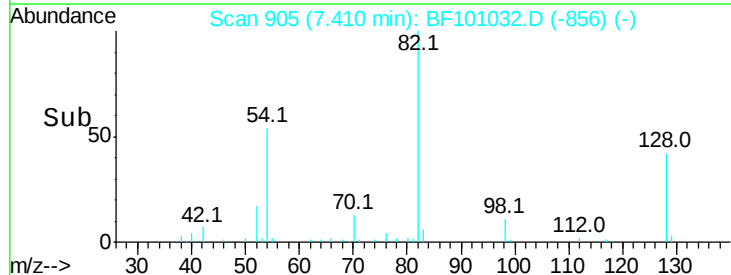
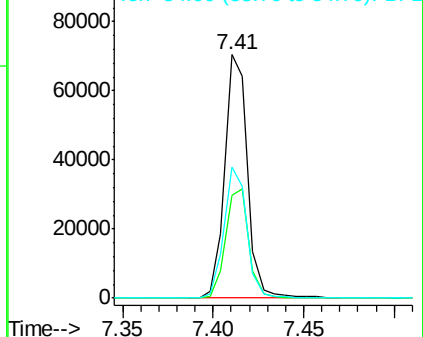


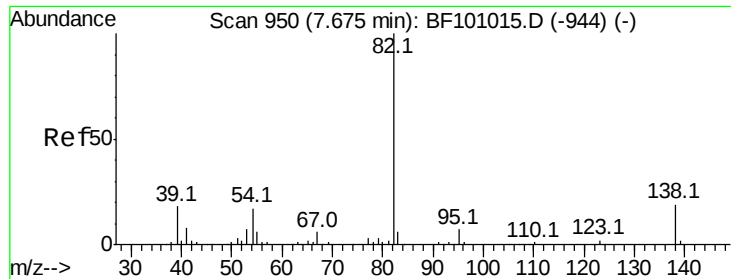
#23
Nitrobenzene-d5
Concen: 18.710 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:	82	Resp:	61538
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	53.8	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





#25

Isophorone

Concen: 10.953 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampled :

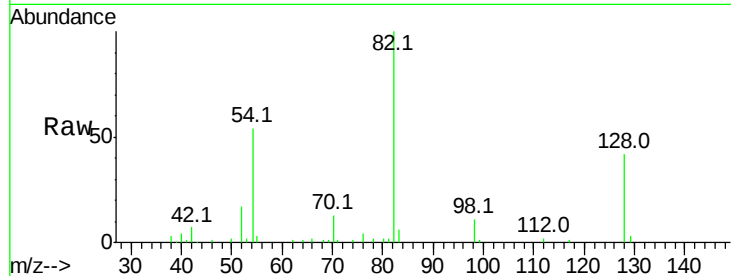
Tot Ion: 82 Resp: 61538

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

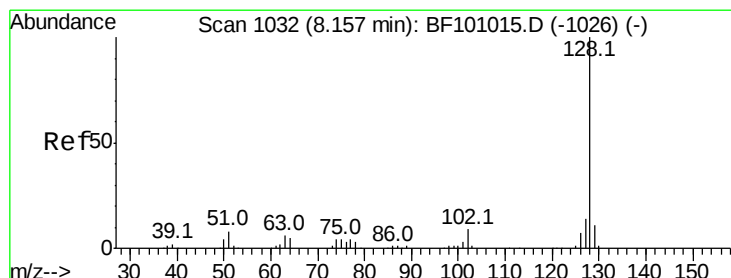
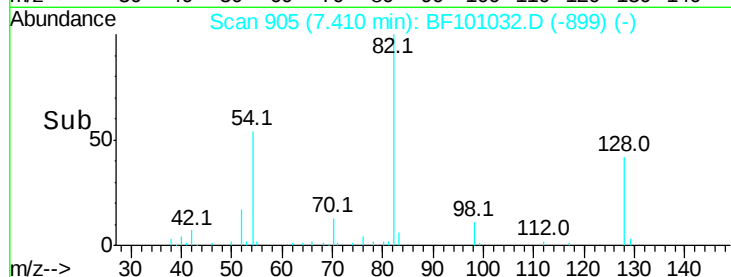
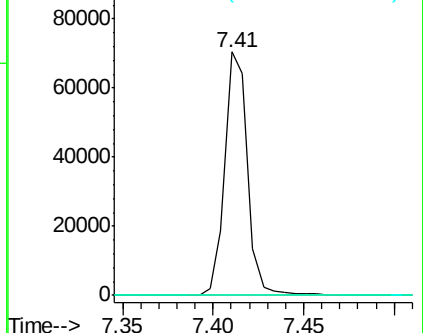
138 0.0 14.9 22.3#



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: 31.624 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

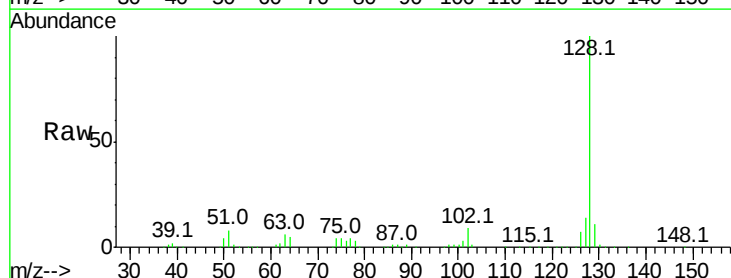
Tgt Ion: 128 Resp: 305803

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

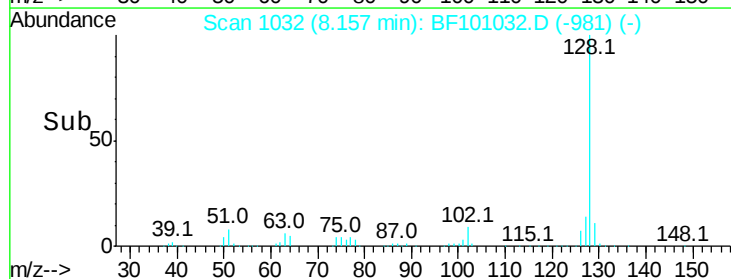
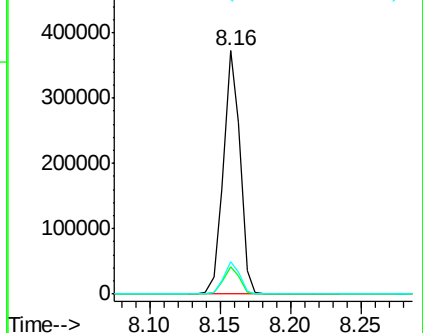
127 13.5 10.9 16.3

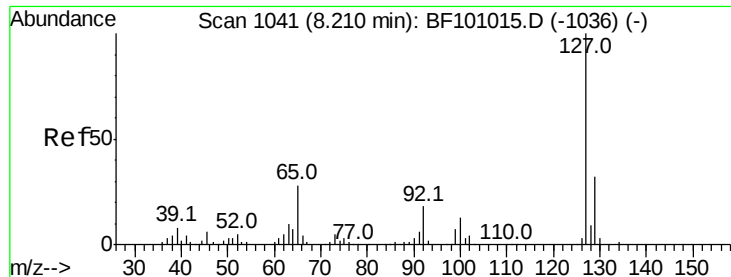


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

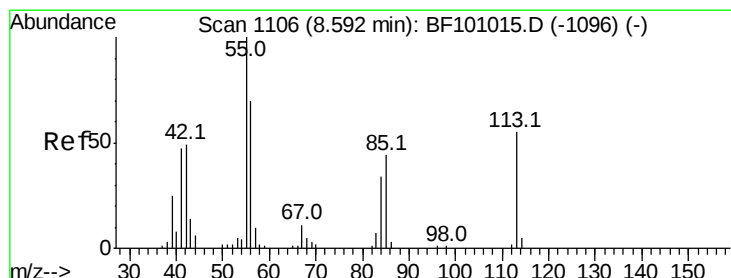
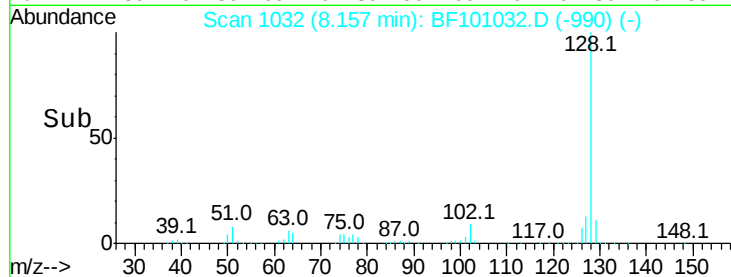
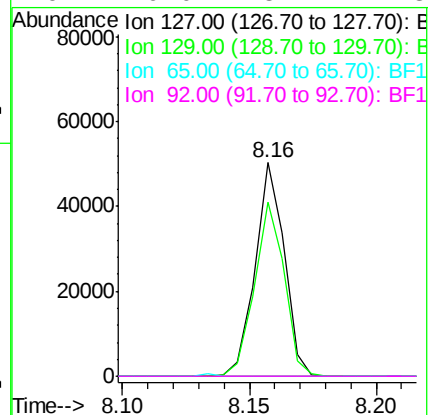
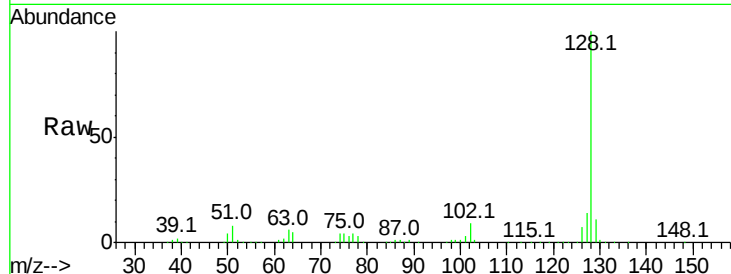




#33
4-Chloroaniline
Concen: 10.355 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

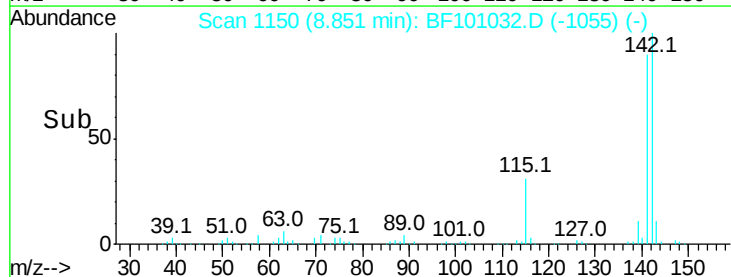
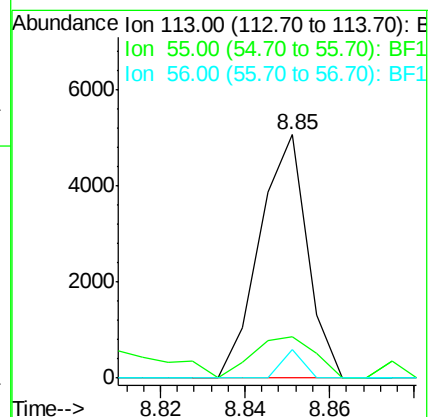
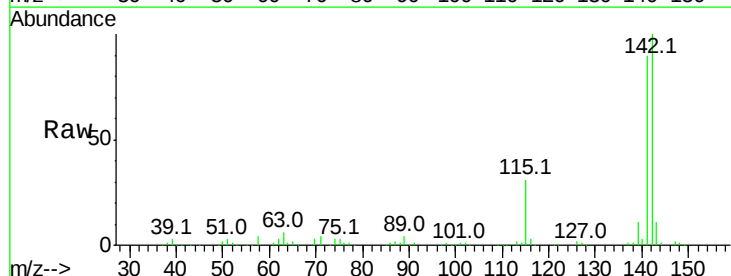
Instrument :
BNA_F
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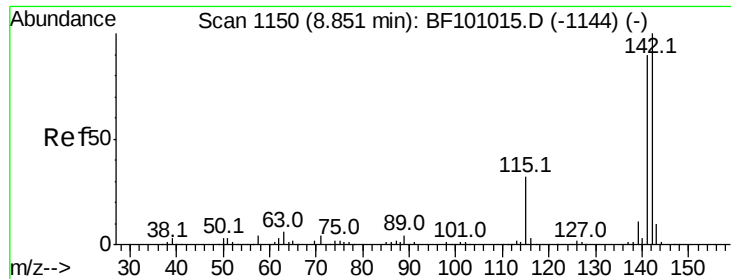
Tot Ion:127	Resp:	40233
Ion Ratio	Lower	Upper
127	100	
129	81.3	25.9 38.9#
65	0.0	25.0 37.4#
92	0.0	15.2 22.8#



#35
Caprolactam
Concen: 4.584 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.26 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:113	Resp:	3981
Ion Ratio	Lower	Upper
113	100	
55	16.9	163.3 203.3#
56	11.7	115.7 155.7#

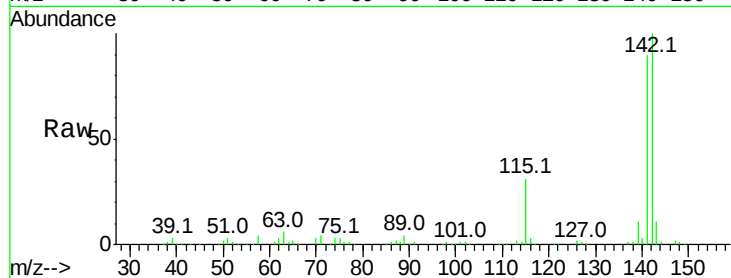




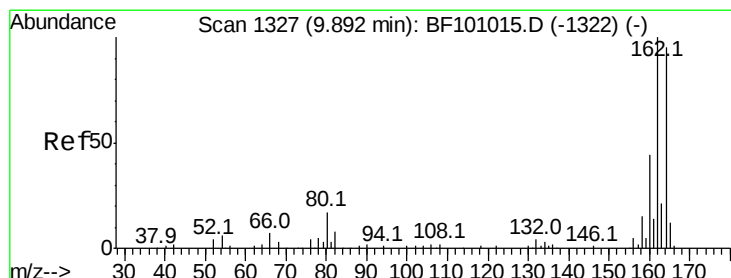
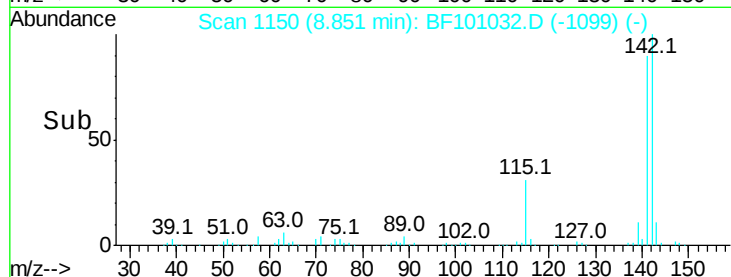
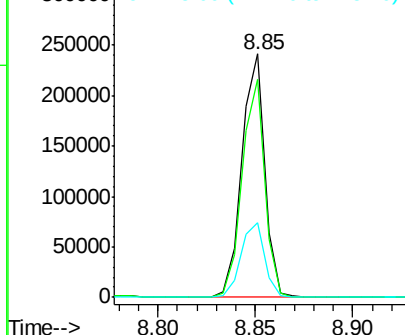
#37
2-Methylnaphthalene
Concen: 29.860 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	30.6	26.1	39.1

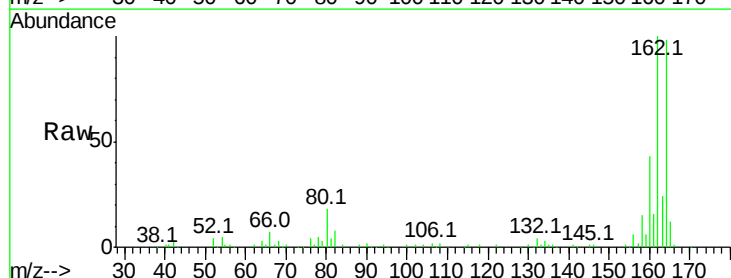


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

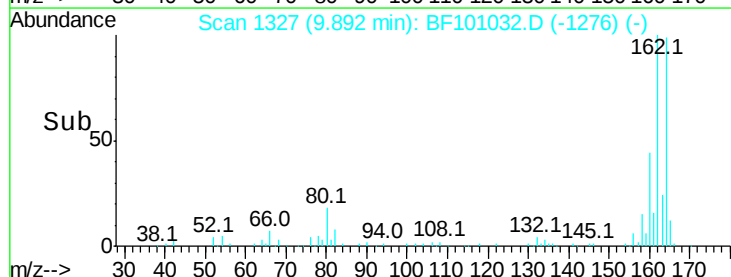
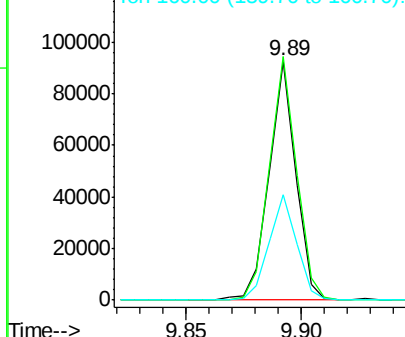


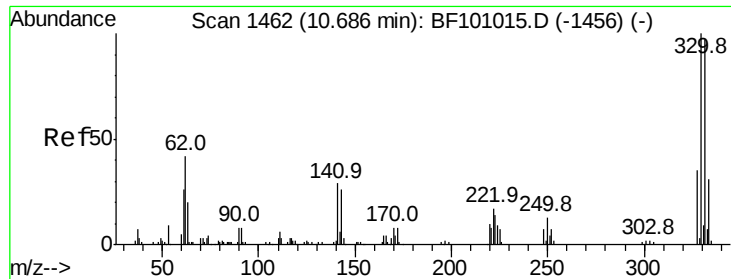
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	44.2	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

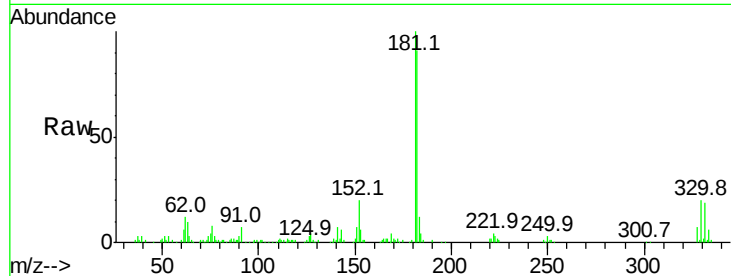




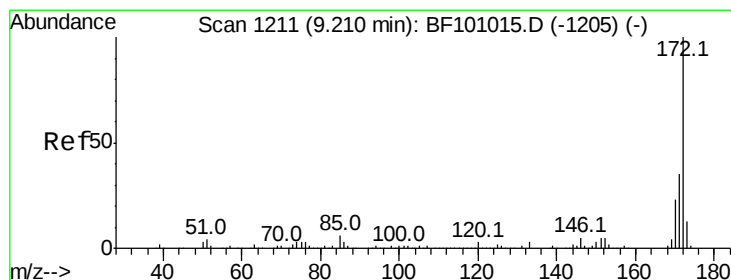
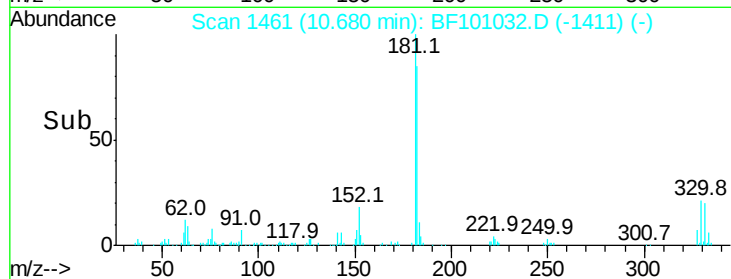
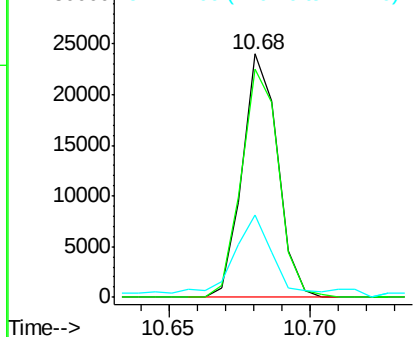
#41
 2,4,6-Tribromophenol
 Concen: 23.197 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 20827
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 46.6 29.9 44.9#

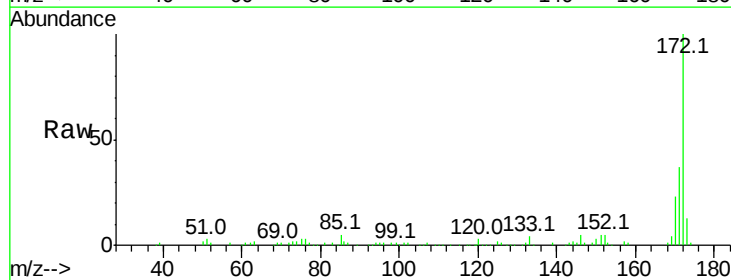


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

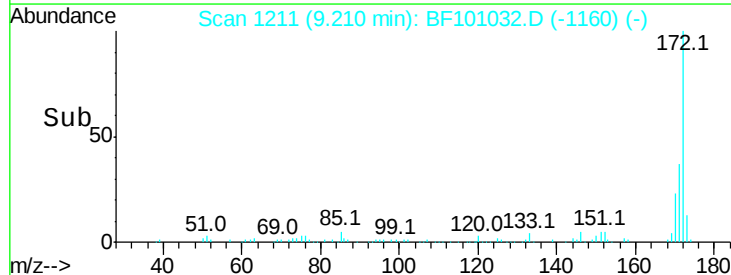
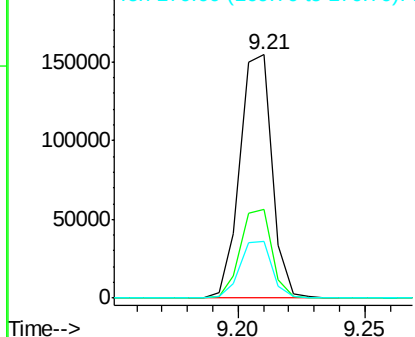


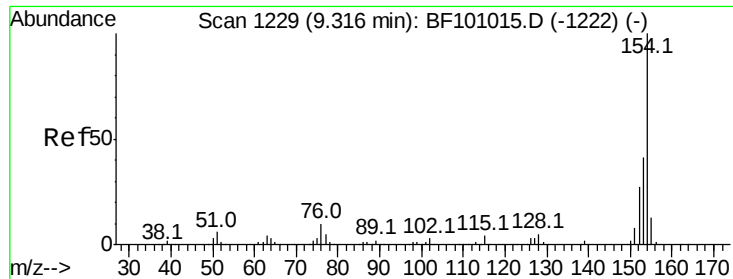
#44
 2-Fluorobiphenyl
 Concen: 24.969 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Tgt Ion:172 Resp: 136398
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.2 19.6 29.4



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

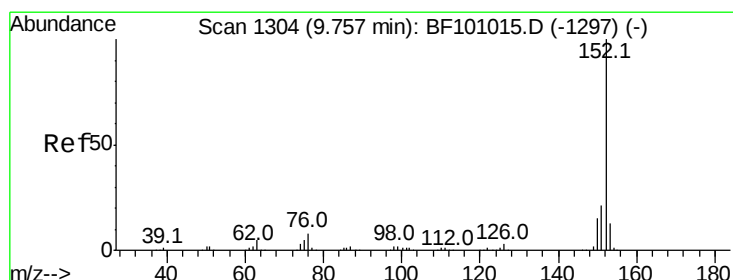
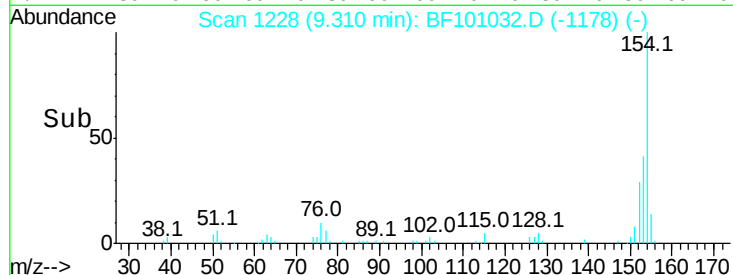
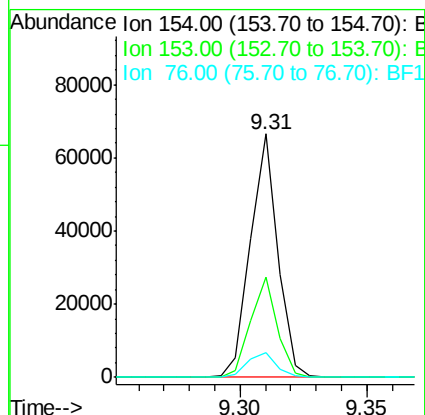
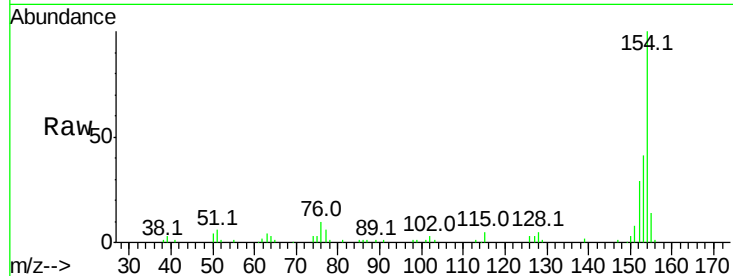




#45
 1,1'-Biphenyl
 Concen: 7.334 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

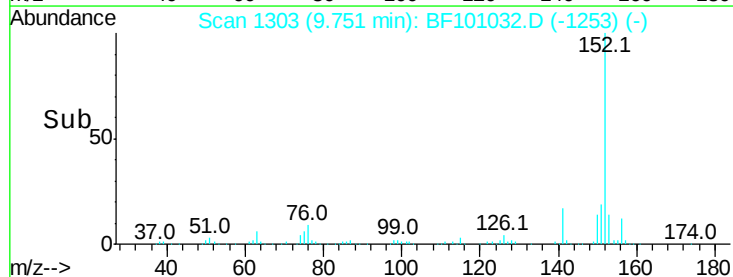
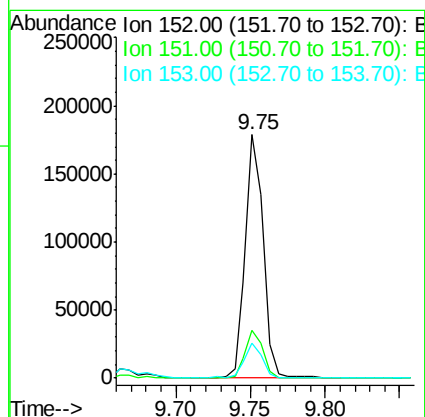
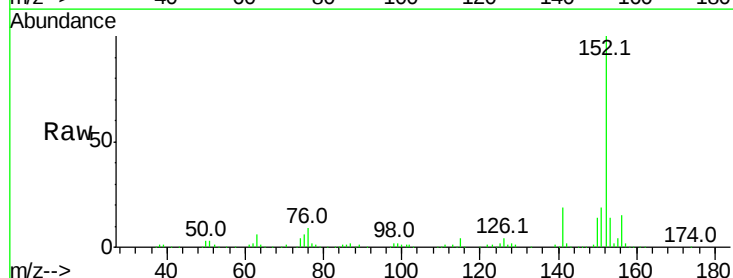
Instrument :
 BNA_F
 ClientSampled :

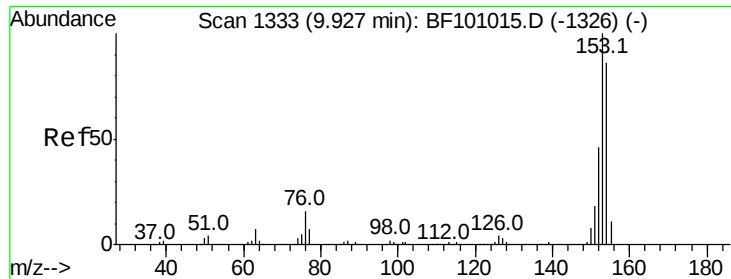
Tot Ion:	154	Resp:	50223
Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	10.2	0.0	34.0



#48
 Acenaphthylene
 Concen: 18.830 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Tgt Ion:	152	Resp:	150487
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	14.5	10.7	16.1





#51

Acenaphthene

Concen: 70.664 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampleId :

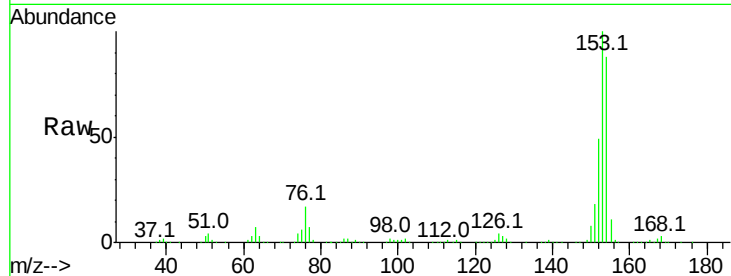
Tot Ion:154 Resp: 338163

Ion Ratio Lower Upper

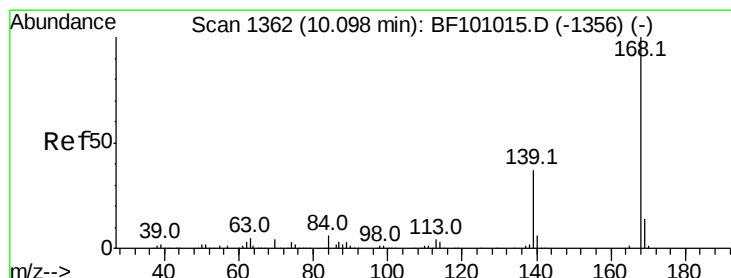
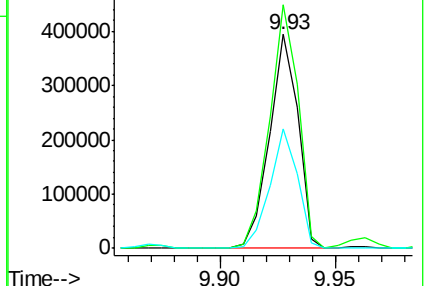
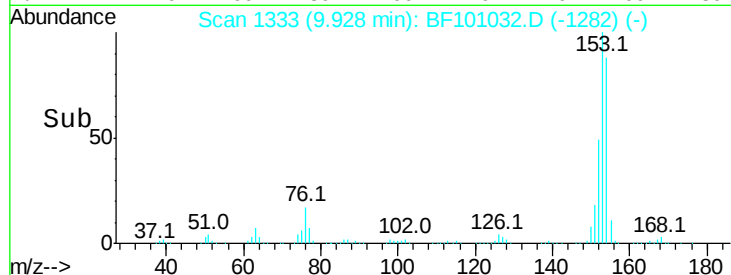
154 100

153 113.7 91.2 136.8

152 55.5 43.8 65.8



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



#54

Dibenzofuran

Concen: 69.386 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

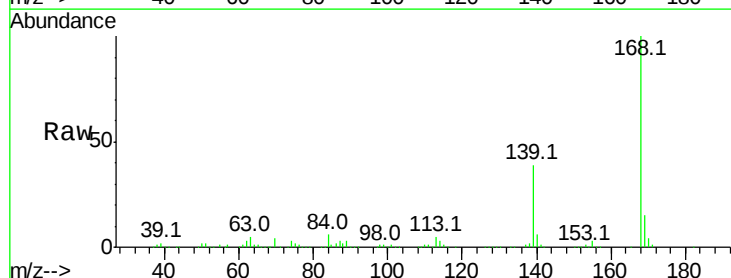
Tgt Ion:168 Resp: 478508

Ion Ratio Lower Upper

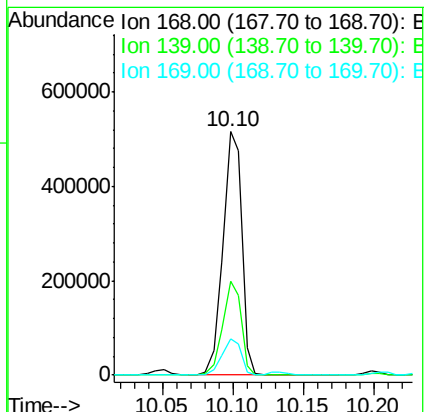
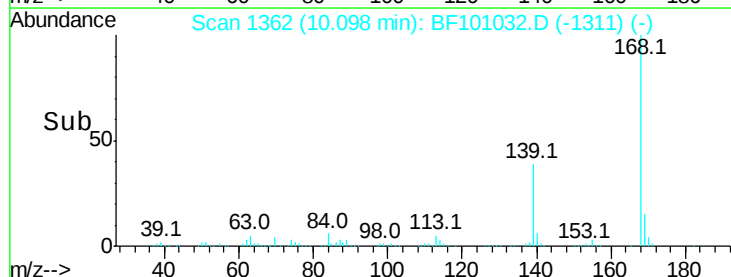
168 100

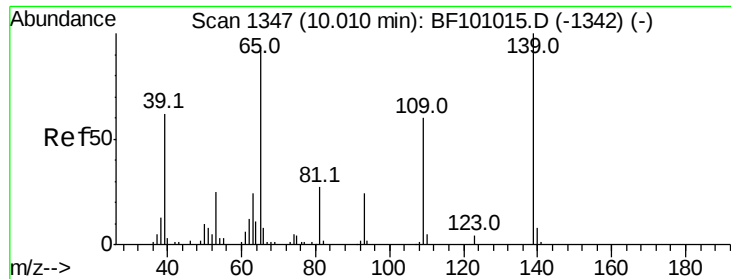
139 38.6 30.1 45.1

169 15.0 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: 186.886 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampled :

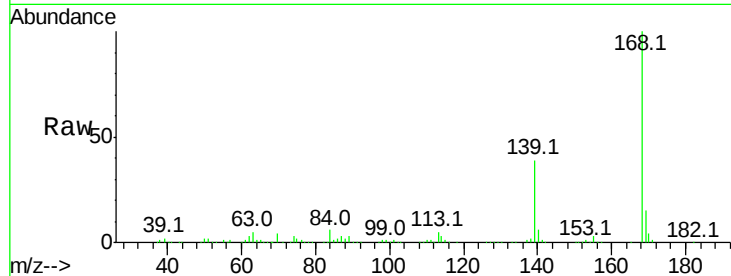
Tot Ion:139 Resp: 179941

Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

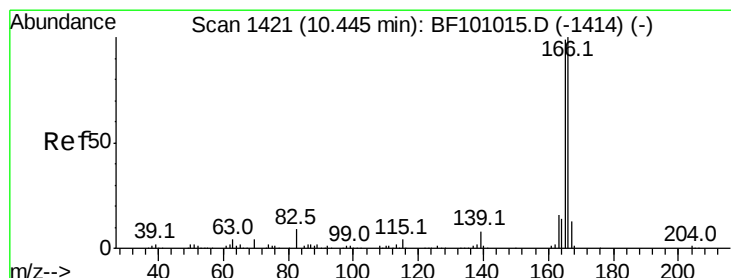
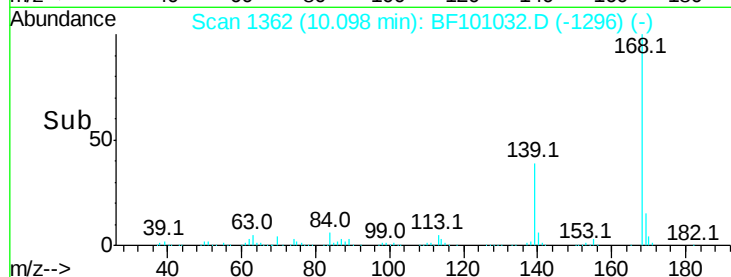
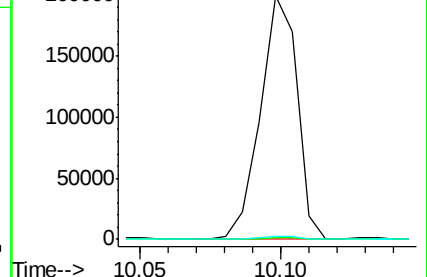
65 1.5 72.6 112.6#



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: 106.594 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

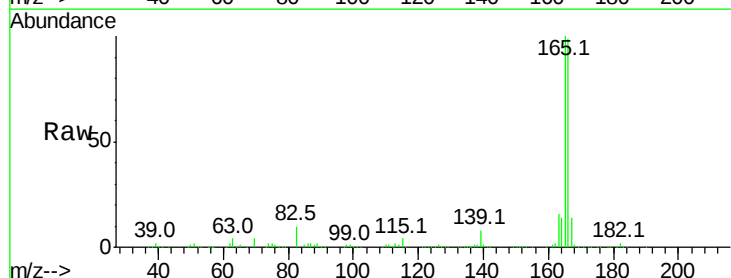
Tgt Ion:166 Resp: 597586

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

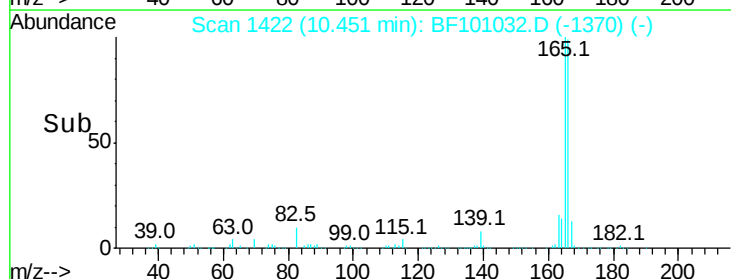
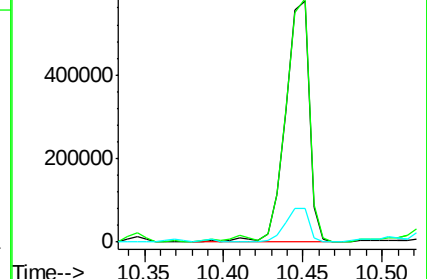
167 13.9 10.6 16.0

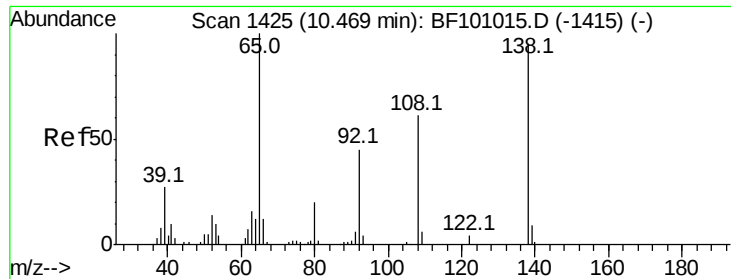


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

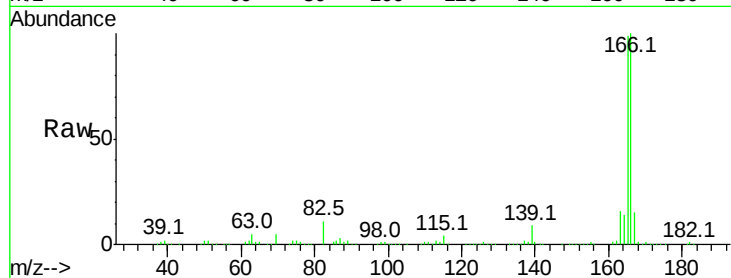




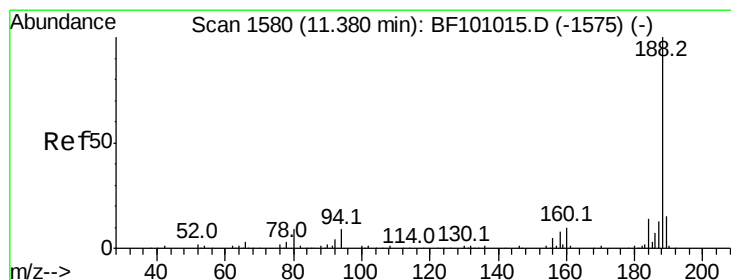
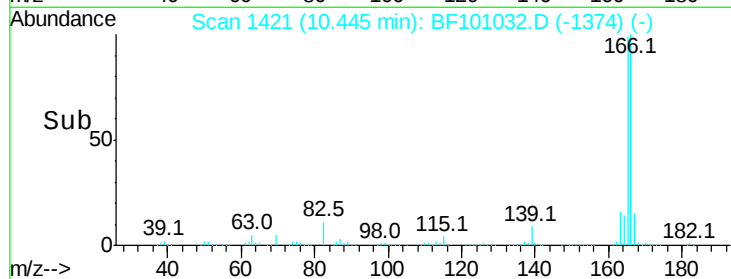
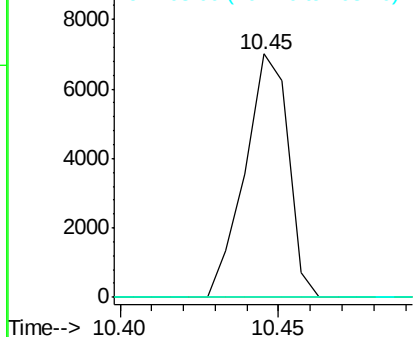
#61
4-Nitroaniline
Concen: 4.493 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 6659
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

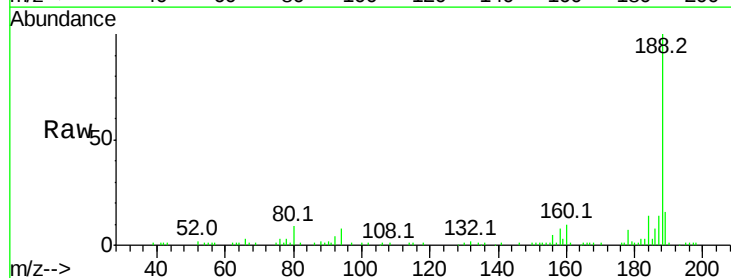


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

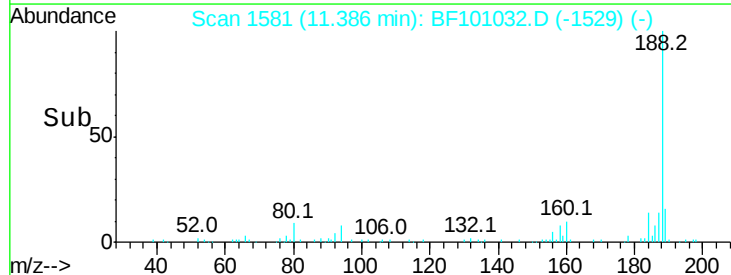
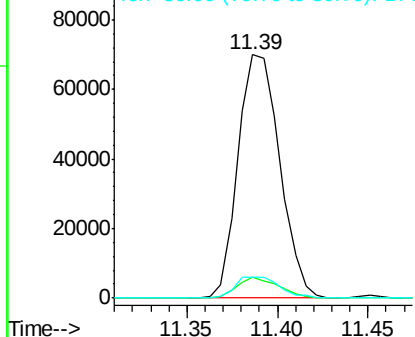


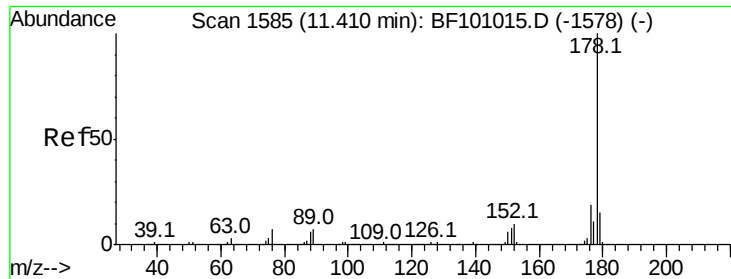
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:188 Resp: 111968
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.7 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: 482.968 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.02 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampleId :

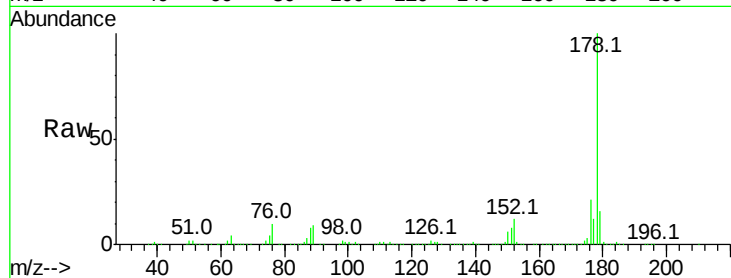
Tot Ion:178 Resp: 2977996

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	16.4	13.0	19.6

178 100

176 20.6 15.8 23.8

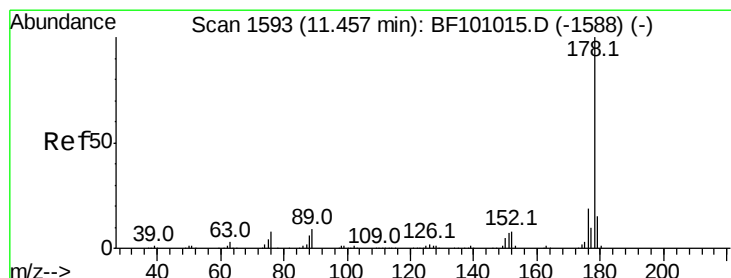
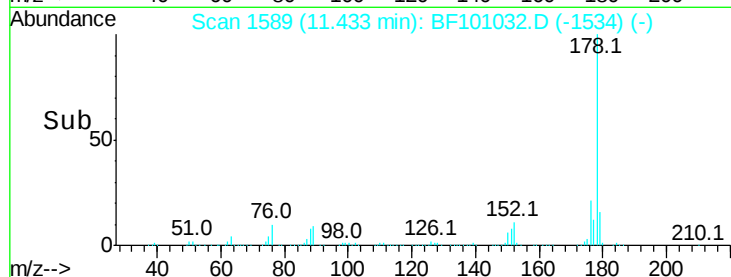
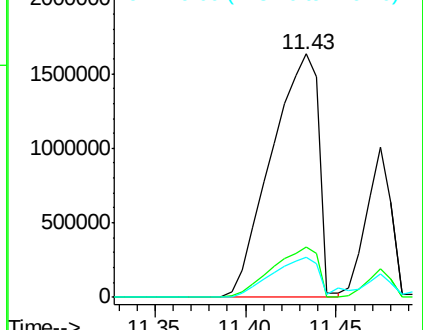
179 16.4 13.0 19.6



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: 155.037 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.02 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

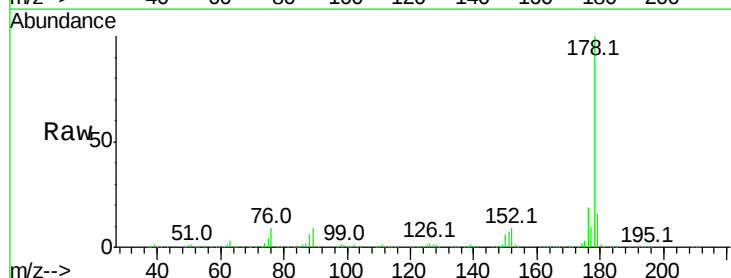
Tgt Ion:178 Resp: 967515

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

178 100

176 19.2 15.4 23.2

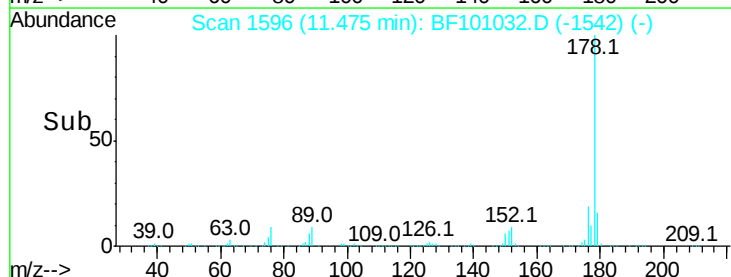
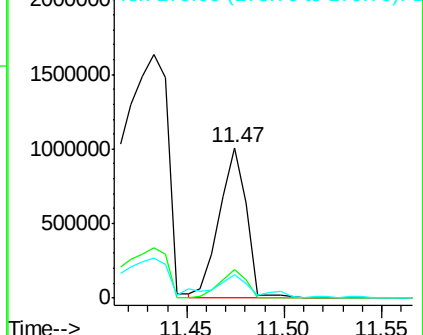
179 15.9 12.6 19.0

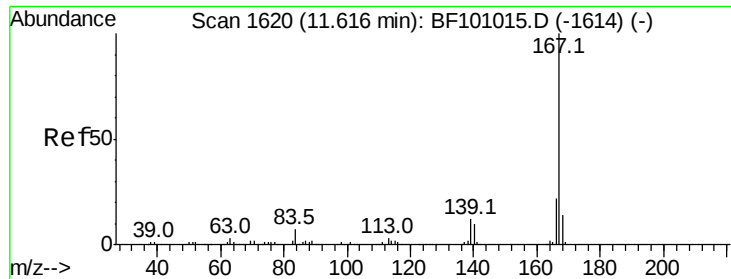


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

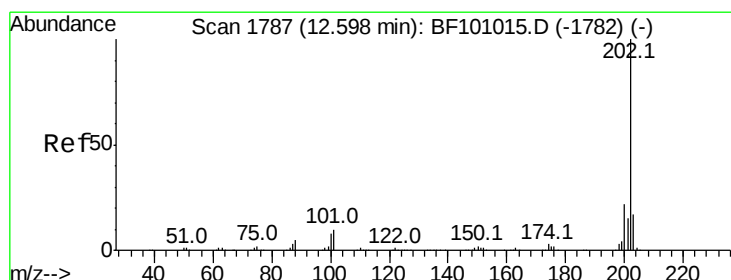
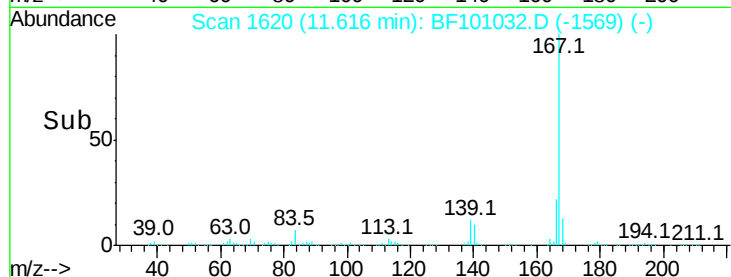
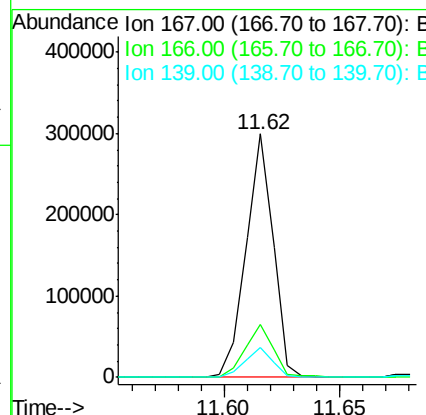
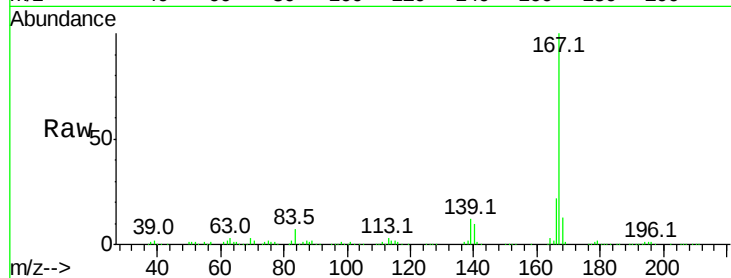




#72
 Carbazole
 Concen: 43.214 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

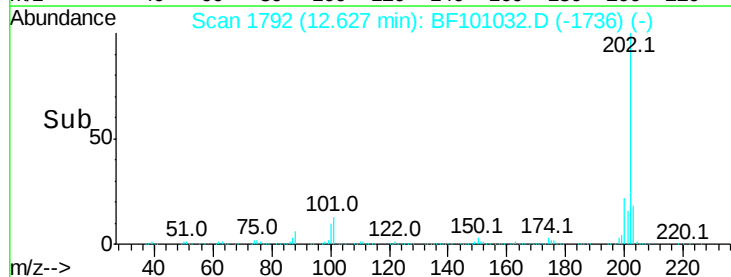
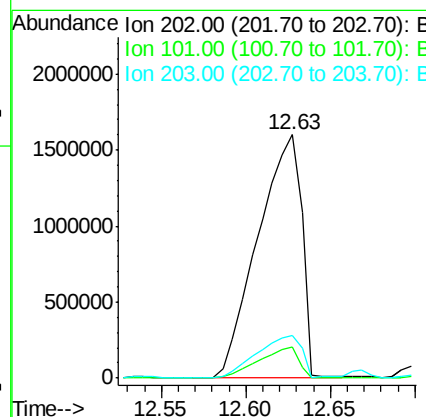
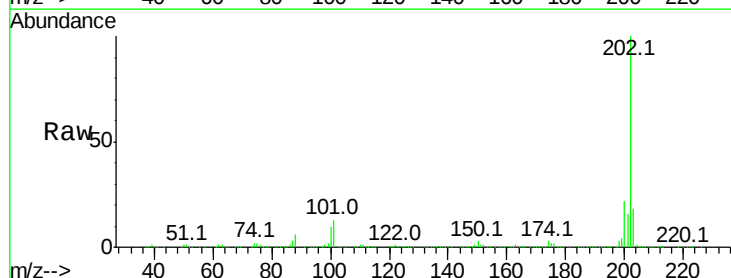
Instrument :
 BNA_F
 ClientSampleId :

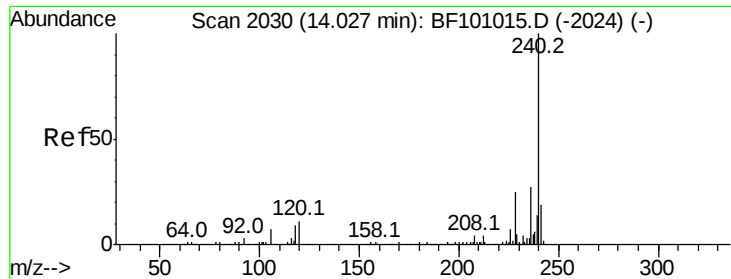
Tot Ion:167 Resp: 246397
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.4 10.9 16.3



#74
 Fluoranthene
 Concen: 422.206 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.03 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Tgt Ion:202 Resp: 2885751
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.1
 203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampled :

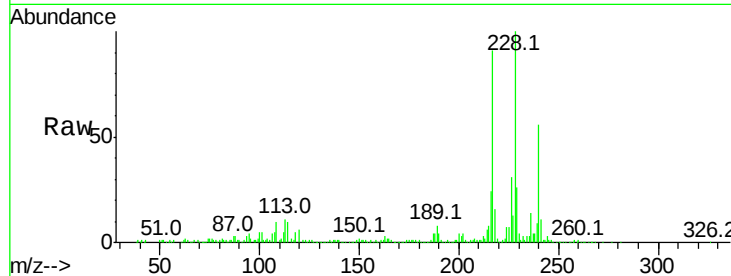
Tot Ion:240 Resp: 107451

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

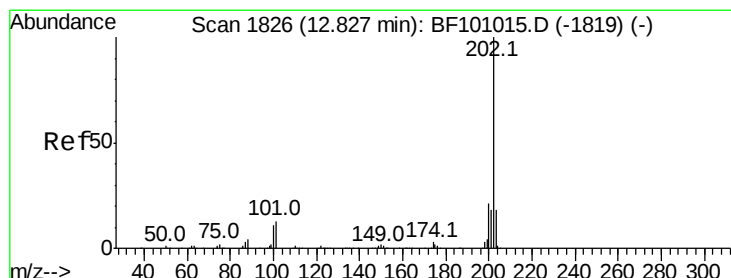
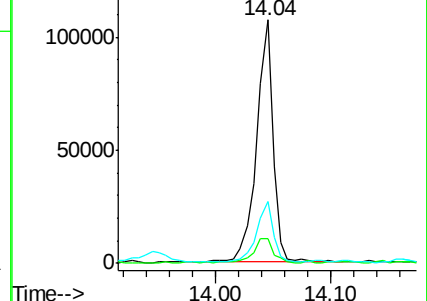
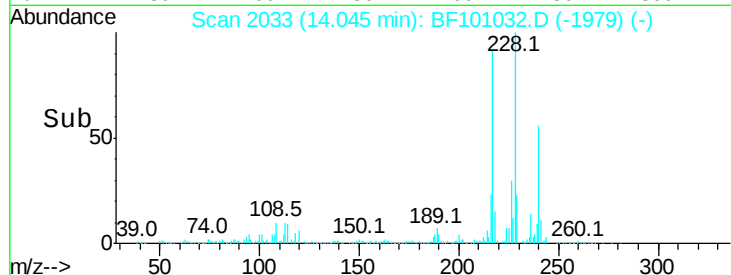
236 25.2 20.7 31.1



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

Pyrene

Concen: 333.931 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.03 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

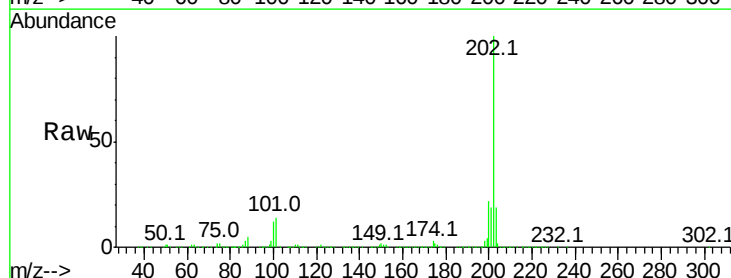
Tgt Ion:202 Resp: 2475916

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

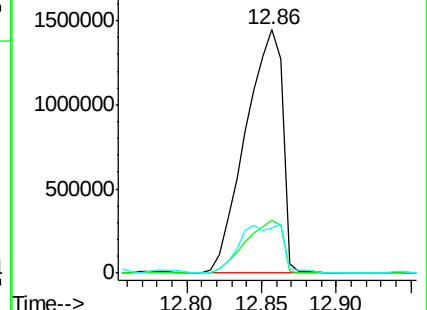
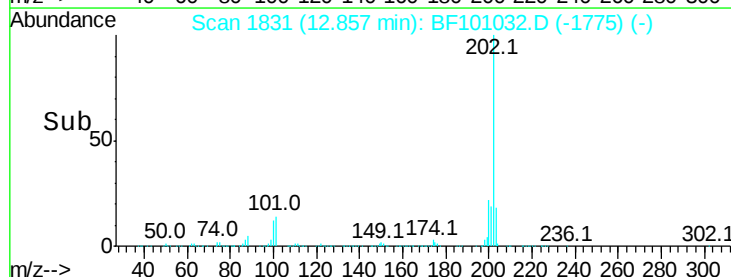
203 18.7 14.3 21.5

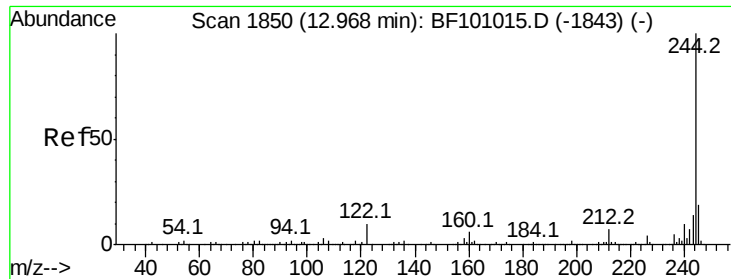


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

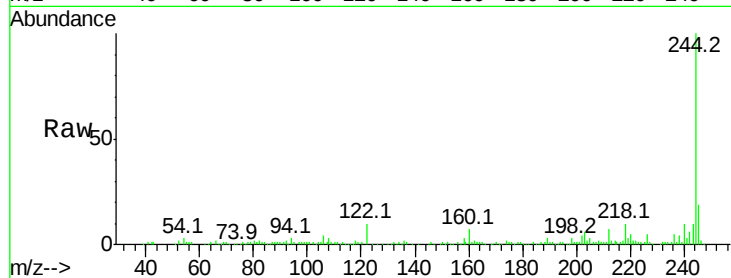




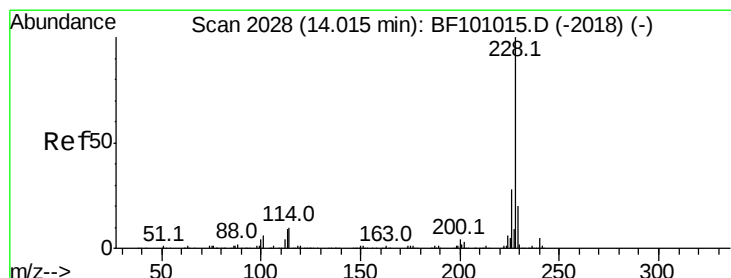
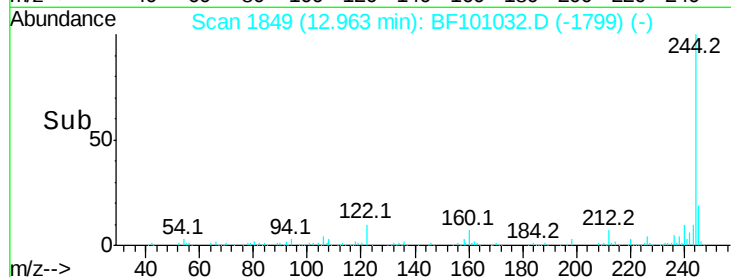
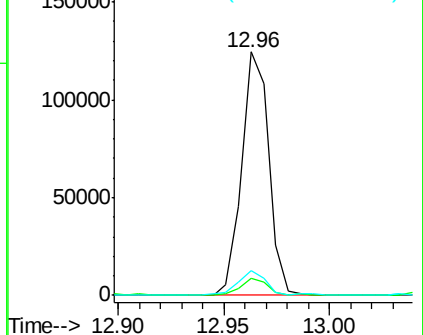
#78
 Terphenyl-d14
 Concen: 22.495 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 110507
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.3 11.0 16.4#

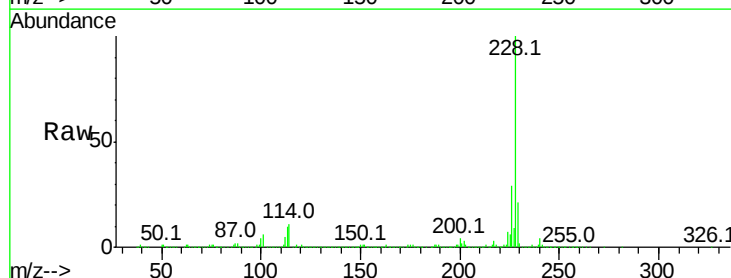


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

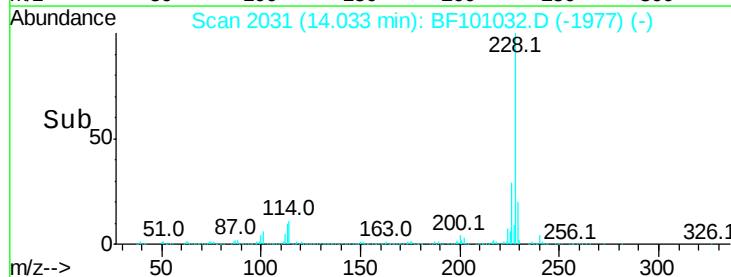
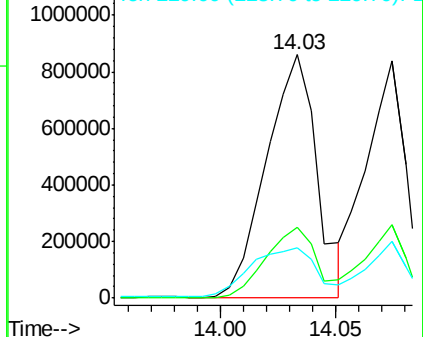


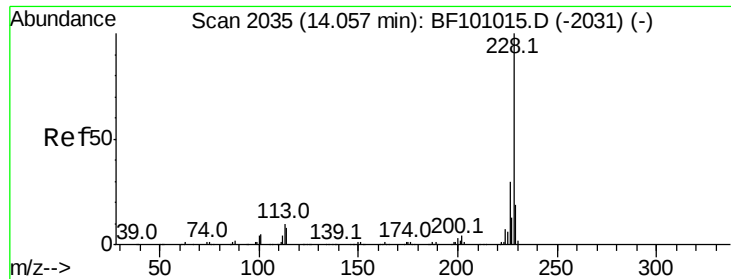
#80
 Benzo(a)anthracene
 Concen: 191.648 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.02 min
 Lab File: BF101032.D
 Acq: 30 Nov 2017 21:58

Tgt Ion:228 Resp: 1300194
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.6 33.8
 229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

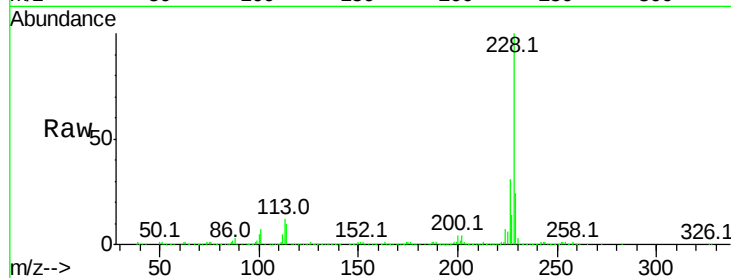




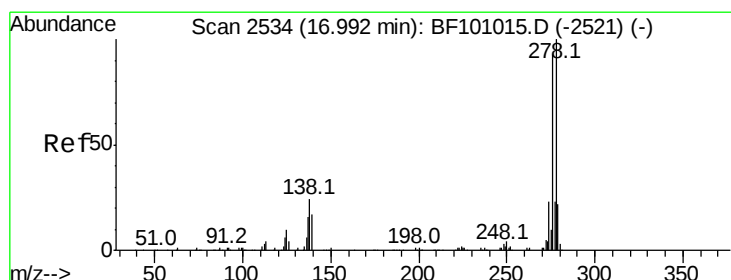
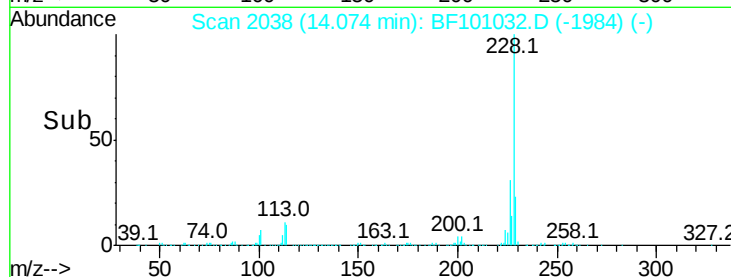
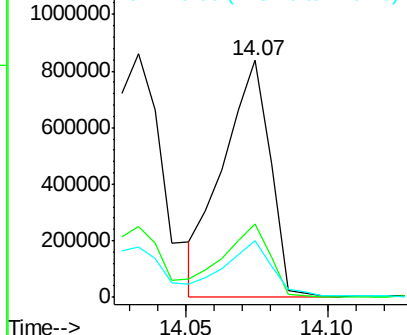
#82
Chrysene
Concen: 153.685 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.02 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 968322
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 23.7 16.2 24.4

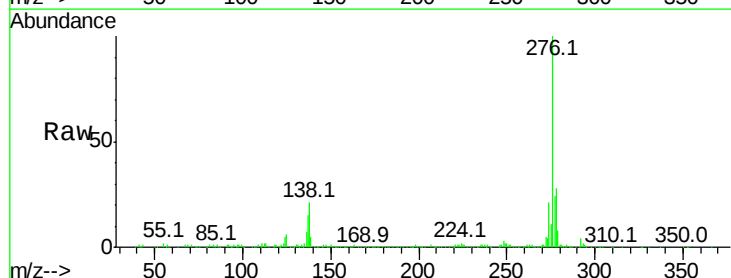


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

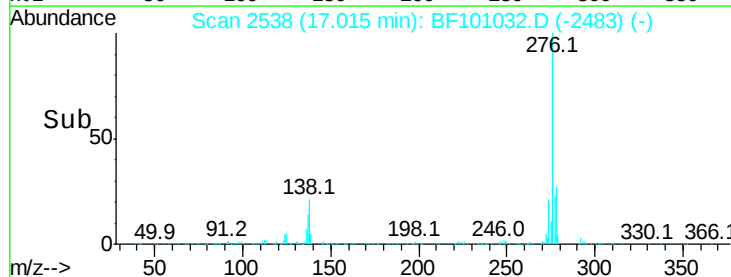
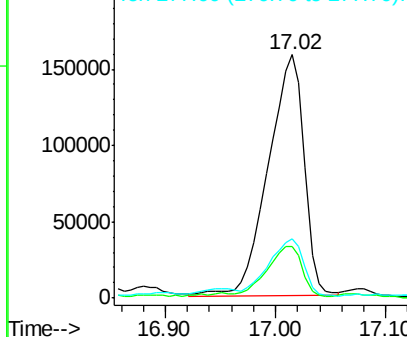


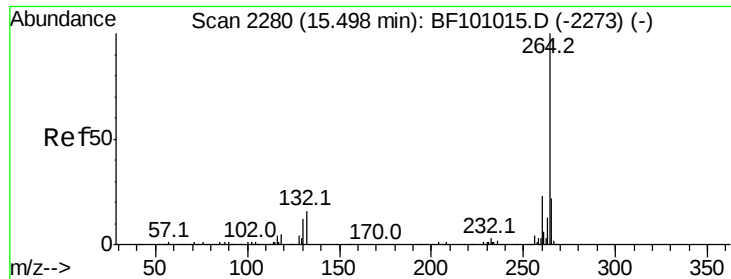
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.612 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:276 Resp: 356329
Ion Ratio Lower Upper
276 100
138 20.4 25.0 37.6#
277 23.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

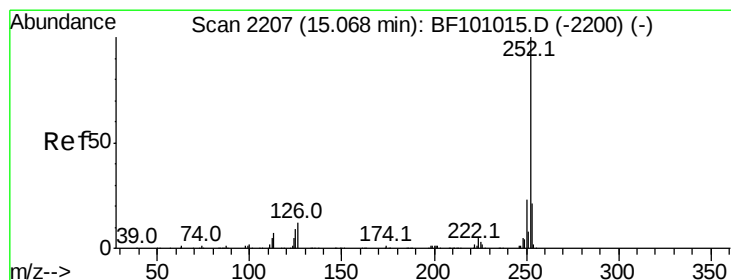
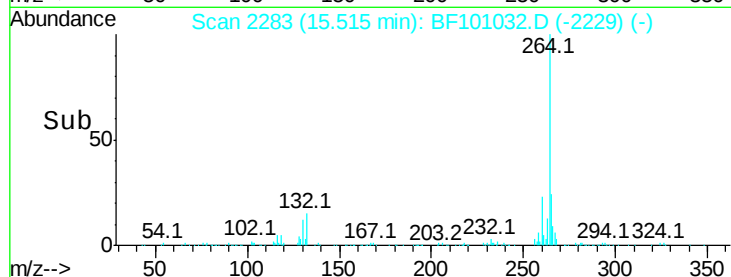
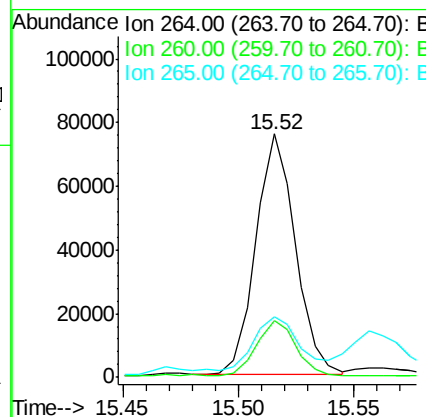
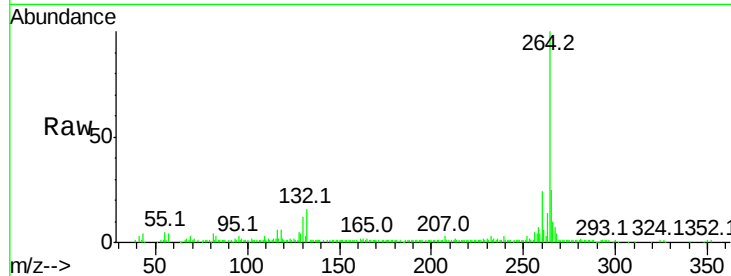




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.02 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

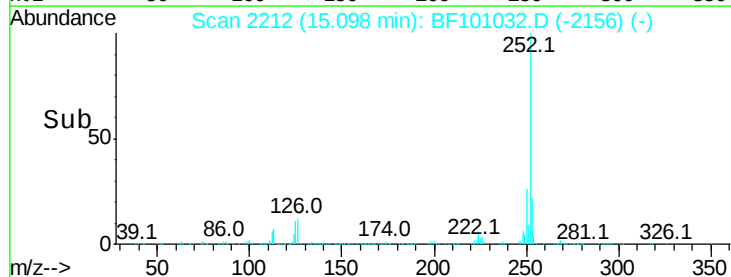
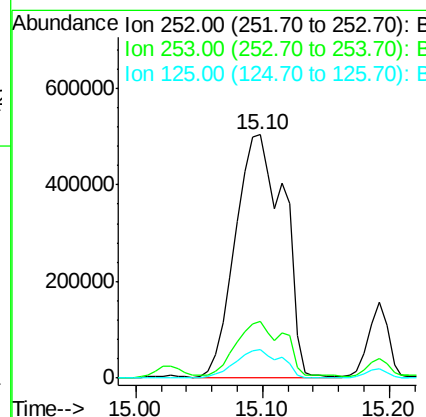
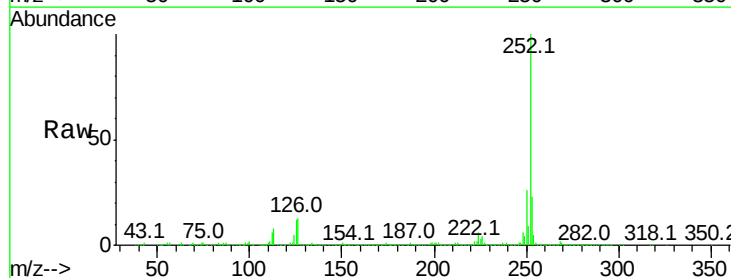
Instrument :
BNA_F
ClientSampleId :

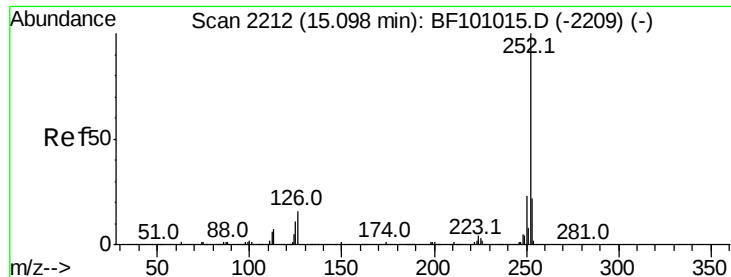
Tot Ion:264 Resp: 90214
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 25.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 245.693 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.03 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:252 Resp: 1327622
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 11.6 9.0 13.6

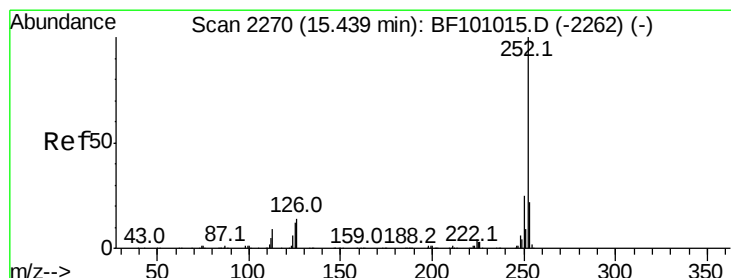
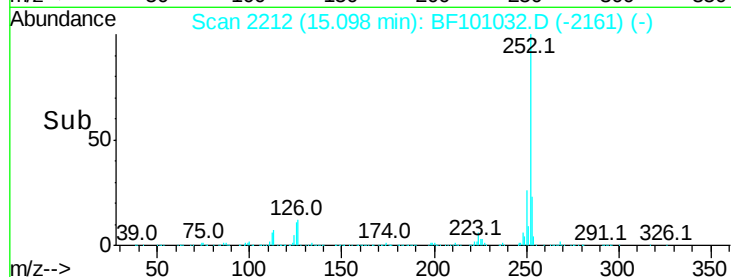
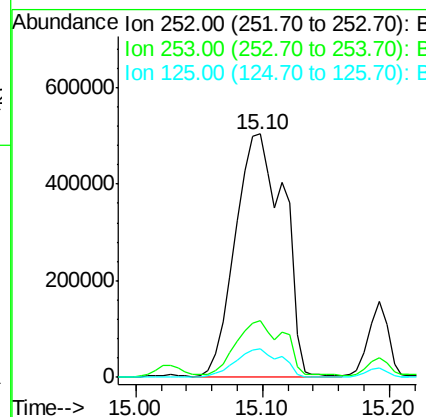
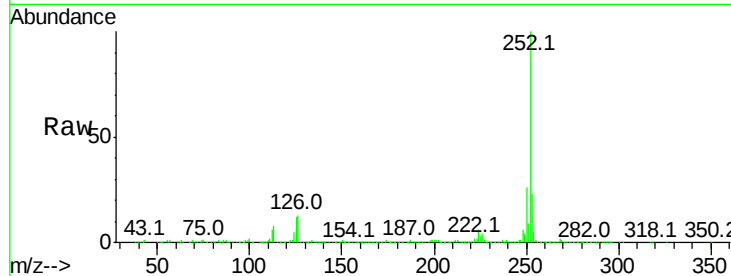




#88
Benzo(k)fluoranthene
Concen: 249.378 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

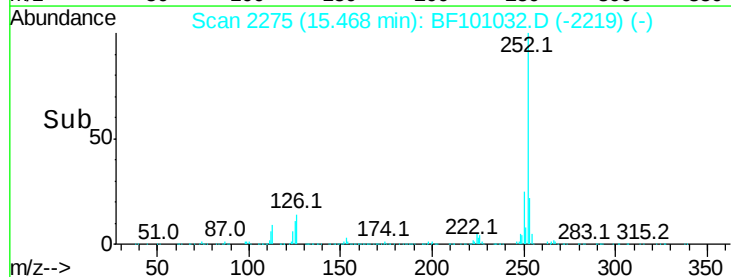
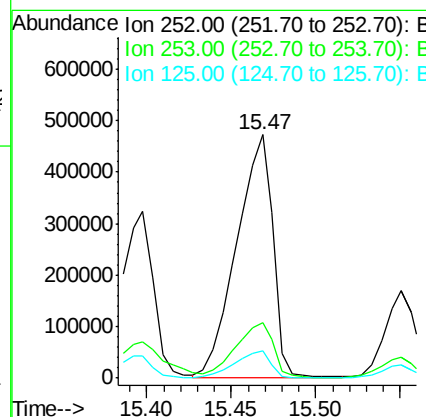
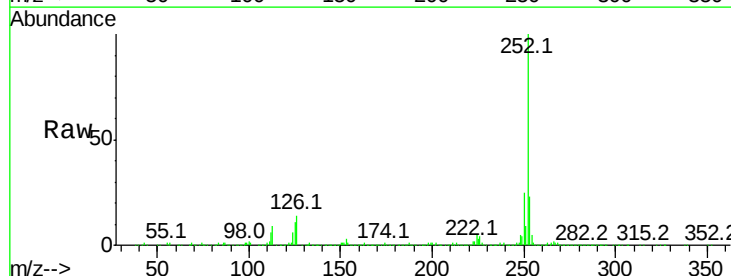
Instrument :
BNA_F
ClientSampleId :

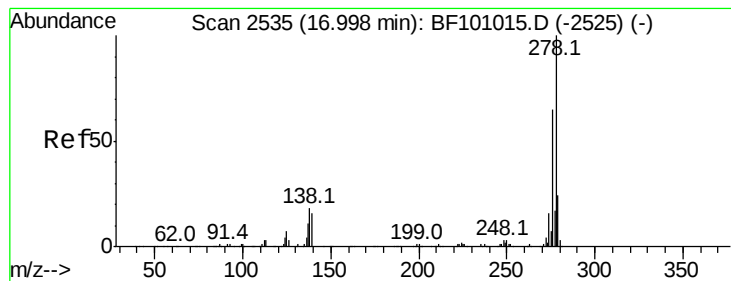
Tot Ion:252 Resp: 1327622
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 11.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 143.487 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.03 min
Lab File: BF101032.D
Acq: 30 Nov 2017 21:58

Tgt Ion:252 Resp: 704883
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 11.5 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 18.952 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

Instrument :

BNA_F

ClientSampleId :

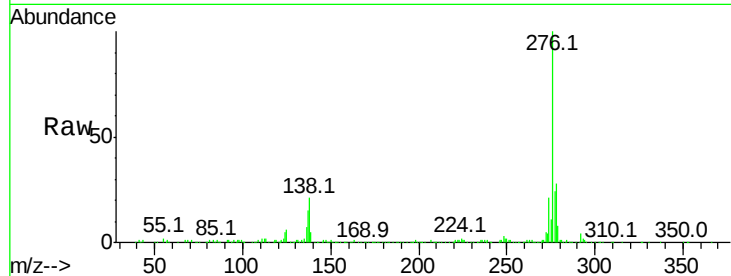
Tot Ion:278 Resp: 82077

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

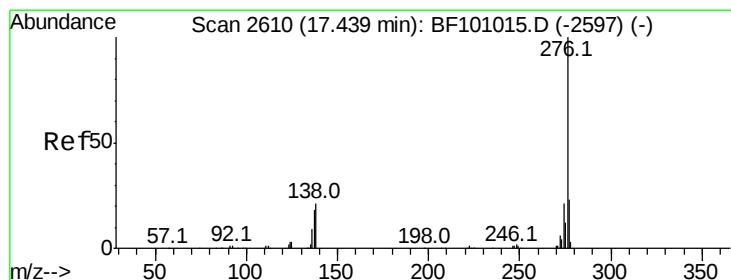
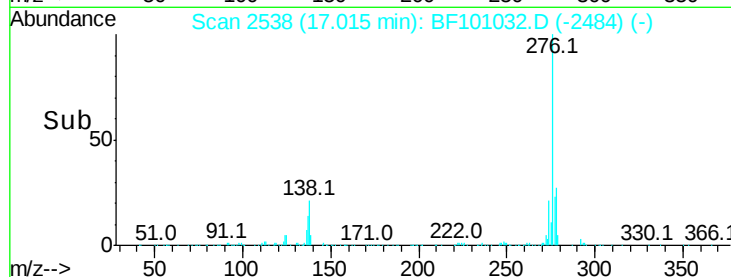
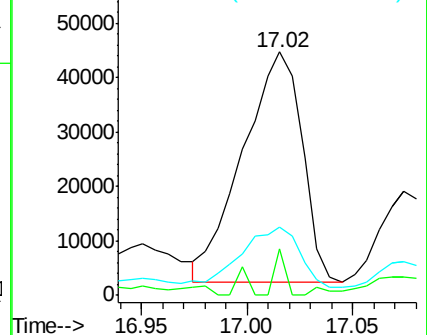
279 28.0 19.0 28.4



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: 80.438 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.03 min

Lab File: BF101032.D

Acq: 30 Nov 2017 21:58

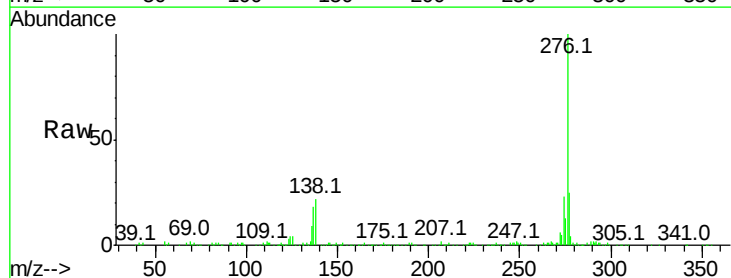
Tgt Ion:276 Resp: 328306

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 21.5 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

