

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111060.D
 Acq On : 28 Nov 2018 22:01
 Operator : JU/SJ
 Sample : J6051-02RE 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-02RE

Quant Time: Nov 29 01:29:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	10826	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	45955	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	18288	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	28178	20.00	ng	0.00
76) Chrysene-d12	14.13	240	25738	20.00	ng	0.00
87) Perylene-d12	15.66	264	20522	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	32593	49.93	ng	0.03
7) Phenol-d6	6.59	99	44728	52.57	ng	0.02
23) Nitrobenzene-d5	7.53	82	29517	36.76	ng	0.02
42) 2,4,6-Tribromophenol	10.78	330	7328	40.35	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	49640	39.32	ng	0.00
79) Terphenyl-d14	13.05	244	32383	24.49	ng	0.00

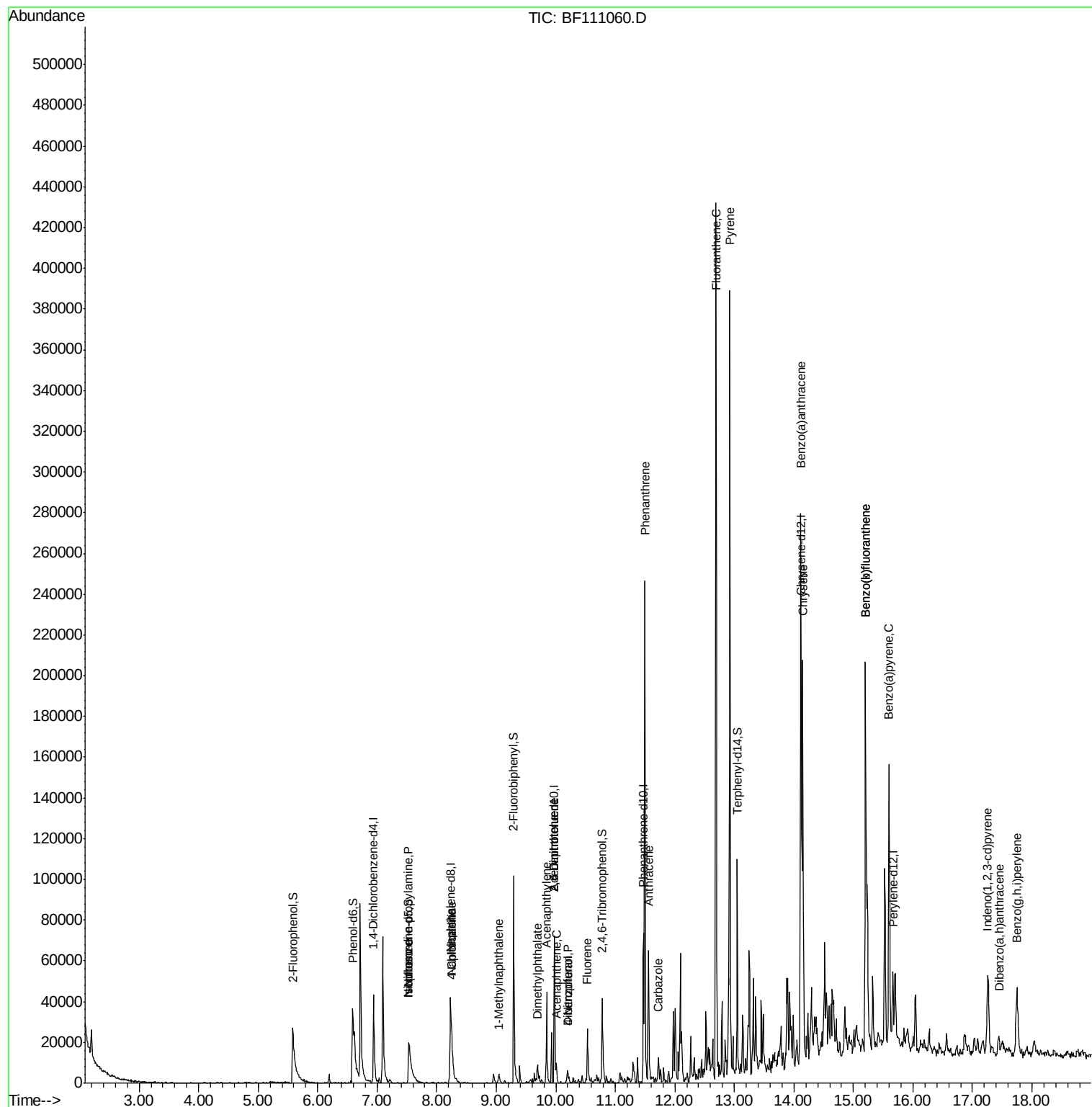
Target Compounds				Qvalue		
9) Benzaldehyde	6.72	77	607	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.53	70	2772	5.002 ng	#	85
25) Isophorone	7.53	82	29517	22.409 ng	#	67
31) Naphthalene	8.25	128	17546	8.145 ng		99
33) 4-Chloroaniline	8.26	127	1916	2.090 ng	#	44
38) 1-Methylnaphthalene	9.04	142	2770	2.001 ng	#	87
49) Acenaphthylene	9.85	152	27956	16.082 ng		94
50) Dimethylphthalate	9.69	163	7181	5.354 ng	#	97
51) 2,6-Dinitrotoluene	9.97	165	2316	7.756 ng	#	21
52) Acenaphthene	10.01	154	2786	2.500 ng		97
55) Dibenzofuran	10.20	168	5152	3.169 ng		100
56) 4-Nitrophenol	10.20	139	2105	14.542 ng	#	6
57) 2,4-Dinitrotoluene	9.97	165	2316	5.978 ng	#	17
58) Fluorene	10.53	166	11267	8.907 ng		94
71) Phenanthrene	11.50	178	110066	73.752 ng		100
72) Anthracene	11.56	178	36796	24.210 ng		99
73) Carbazole	11.72	167	4425	3.000 ng		95
75) Fluoranthene	12.69	202	175694	114.544 ng		98
78) Pyrene	12.92	202	165265	87.915 ng		98
81) Benzo(a)anthracene	14.12	228	95318	62.728 ng		99
83) Chrysene	14.15	228	81037	54.174 ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	33658	31.347 ng		97
88) Benzo(b)fluoranthene	15.20	252	123607	102.528 ng		99
89) Benzo(k)fluoranthene	15.20	252	123607	99.611 ng		98
90) Benzo(a)pyrene	15.60	252	65764	58.603 ng		97
91) Dibenzo(a,h)anthracene	17.44	278	8106	8.755 ng		98
92) Benzo(g,h,i)perylene	17.74	276	30478	34.139 ng		93

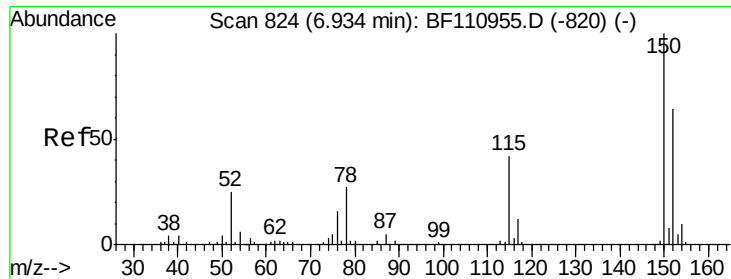
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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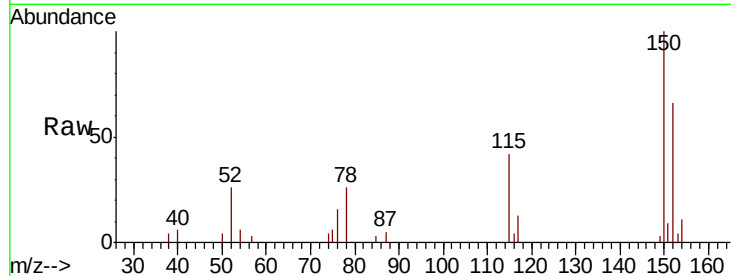




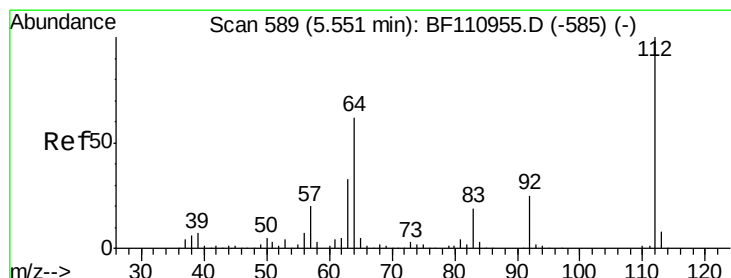
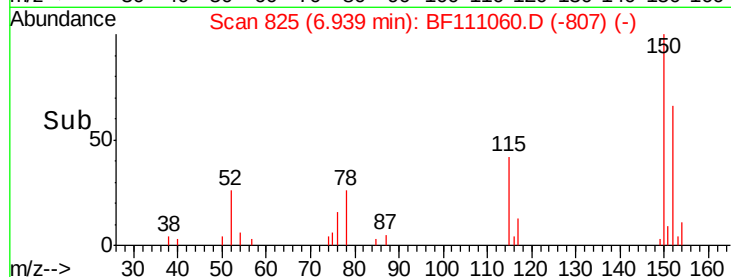
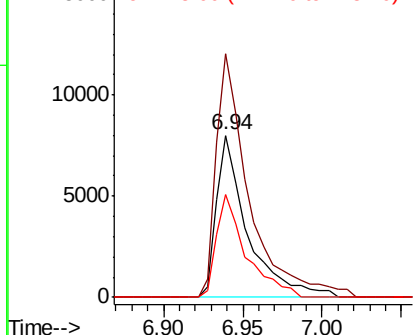
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-02RE

Tgt Ion:152 Resp: 10826
 Ion Ratio Lower Upper
 152 100
 150 150.5 122.7 184.1
 115 63.4 49.1 73.7

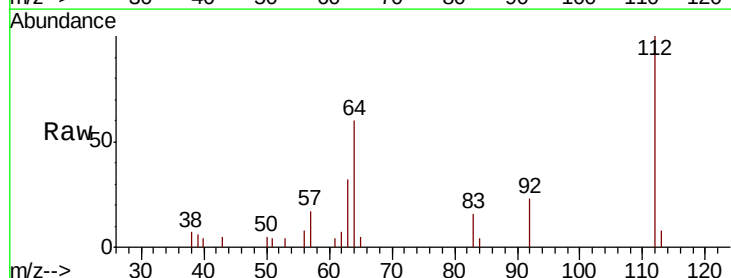


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

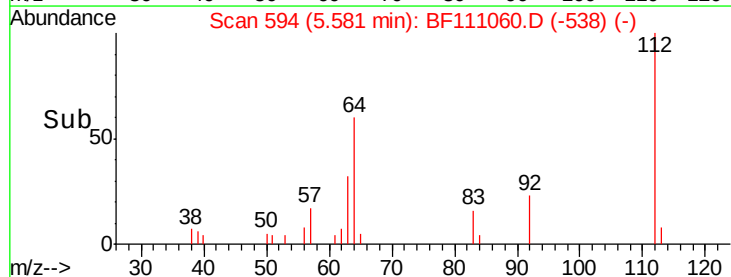
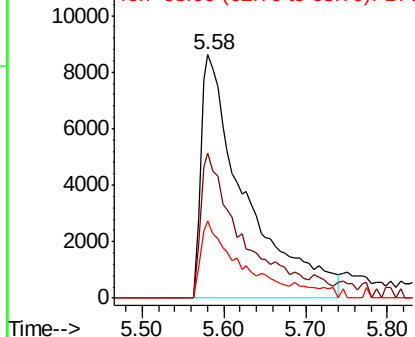


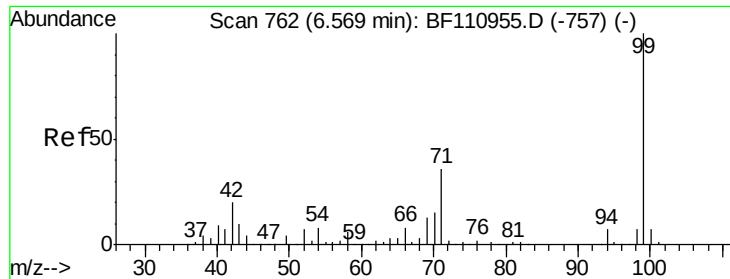
#5
 2-Fluorophenol
 Concen: 49.926 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.03 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Tgt Ion:112 Resp: 32593
 Ion Ratio Lower Upper
 112 100
 64 59.7 44.1 66.1
 63 31.9 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





#7

Phenol-d6

Concen: 52.575 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.02 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

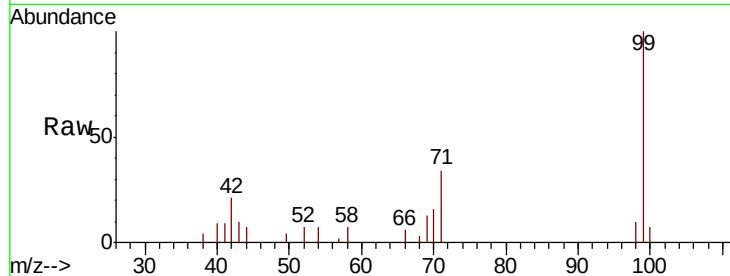
Tgt Ion: 99 Resp: 44728

Ion Ratio Lower Upper

99 100

42 20.9 15.8 23.6

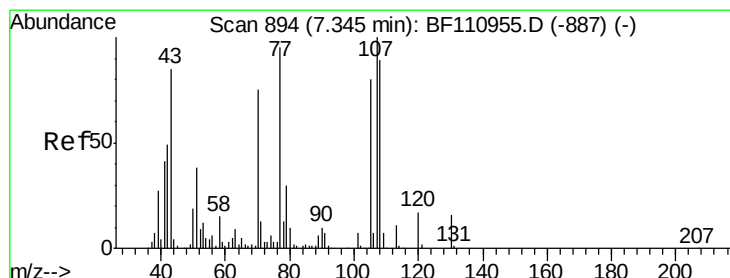
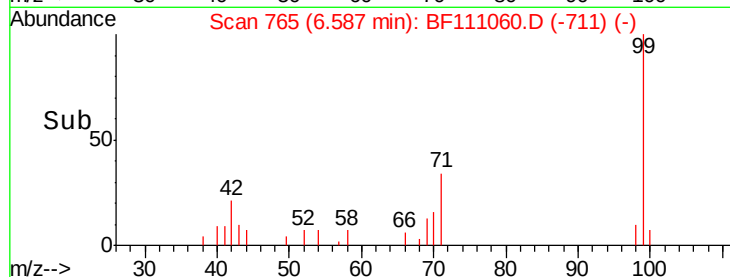
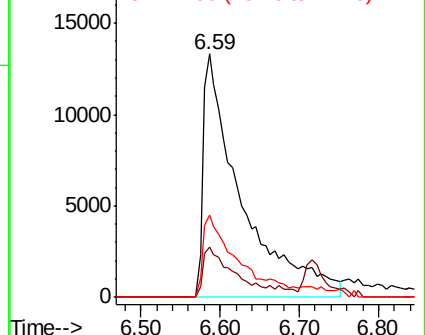
71 33.8 28.0 42.0



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: 5.002 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.18 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Tgt Ion: 70 Resp: 2772

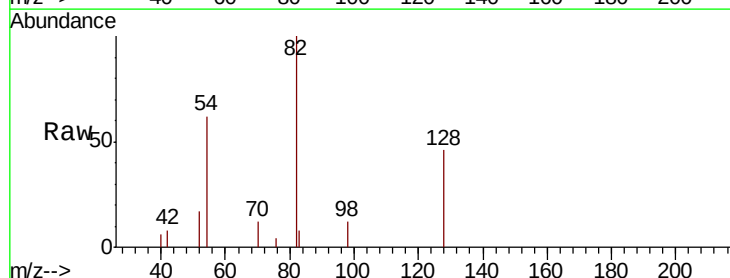
Ion Ratio Lower Upper

70 100

42 61.7 47.4 71.2

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

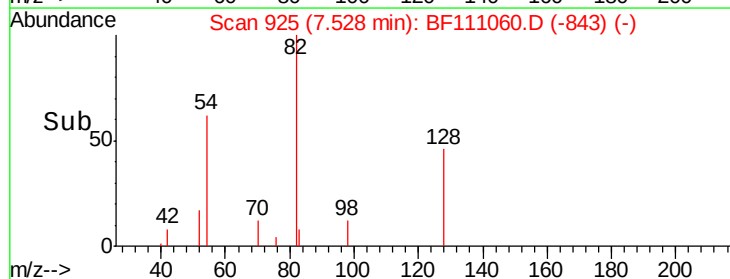
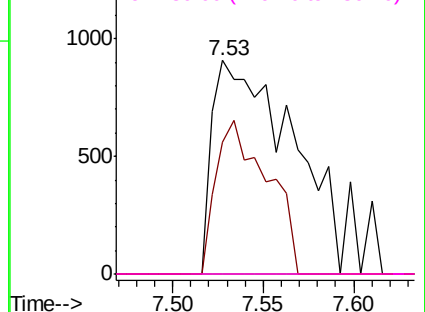


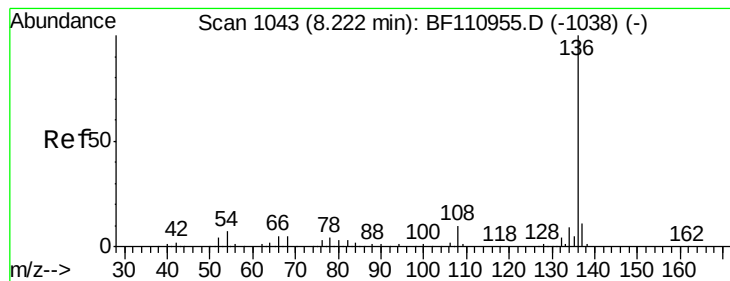
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

Tgt Ion: 136 Resp: 45955

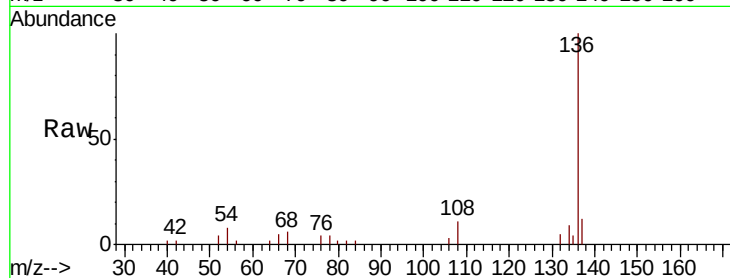
Ion Ratio Lower Upper

136 100

137 12.1 8.8 13.2

54 8.1 5.4 8.2

68 6.1 4.2 6.2

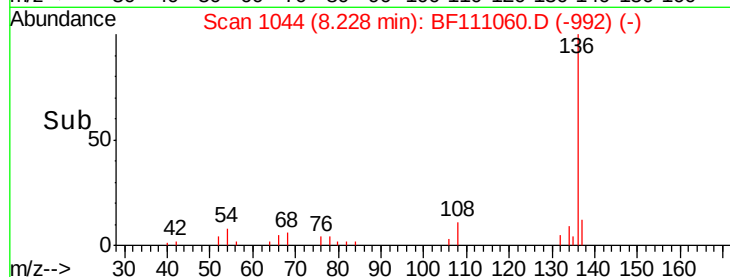


Abundance Ion 136.00 (135.70 to 136.70): E

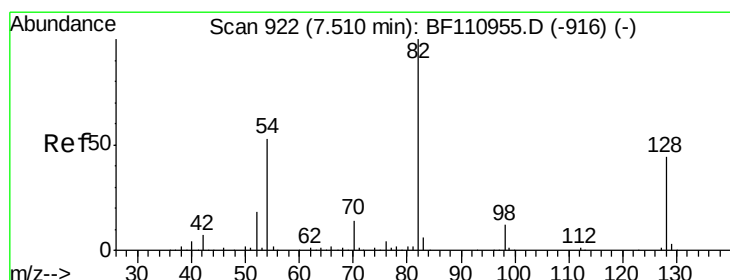
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 36.759 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.02 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

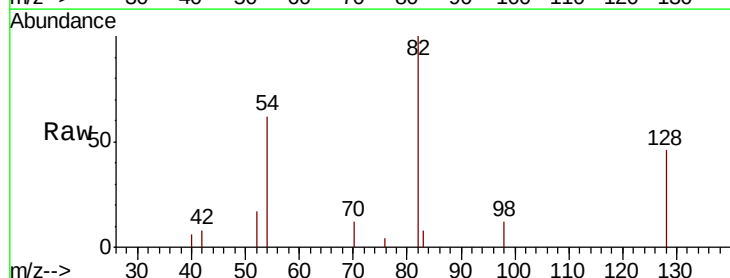
Tgt Ion: 82 Resp: 29517

Ion Ratio Lower Upper

82 100

128 46.2 34.2 51.2

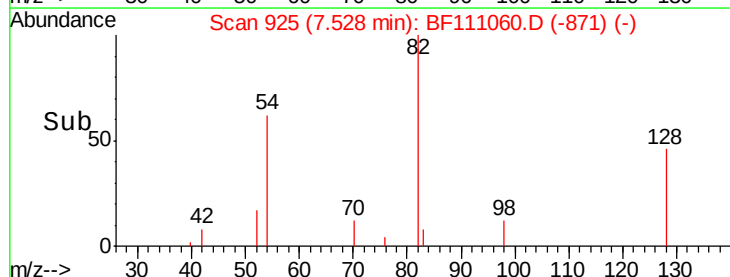
54 62.0 38.6 58.0#



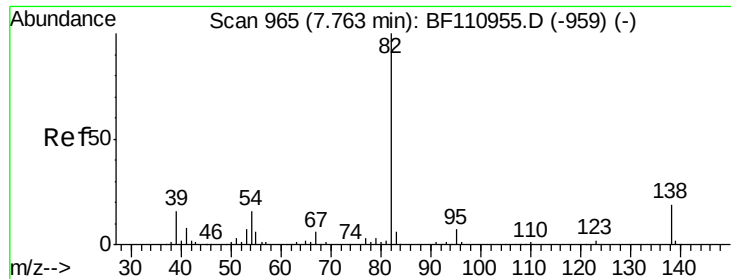
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



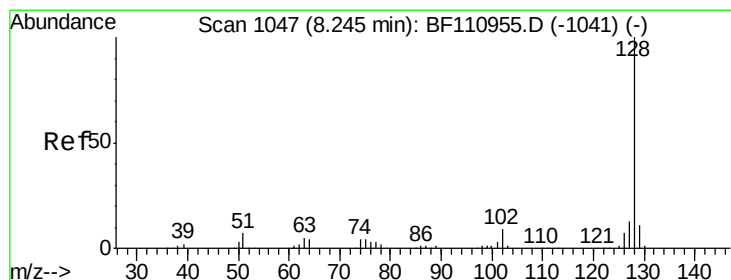
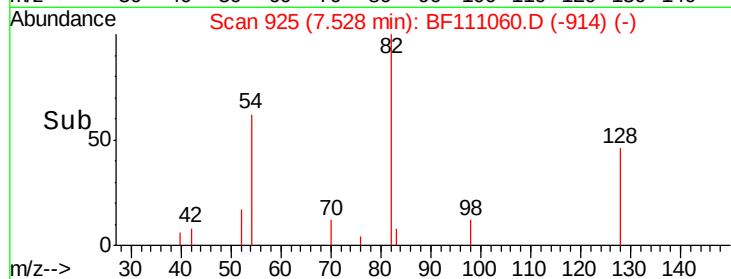
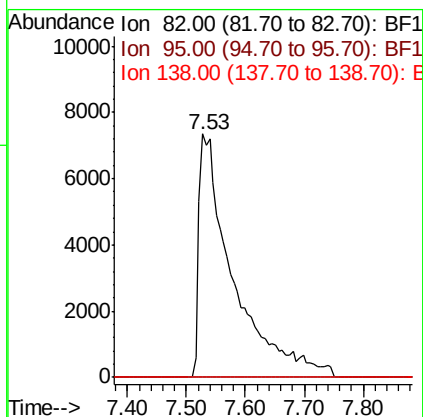
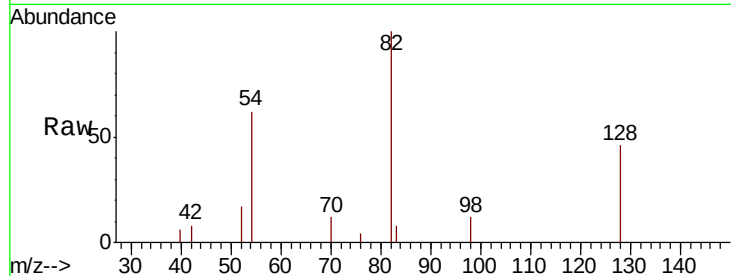
Time-->



#25
Isophorone
Concen: 22.409 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.24 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

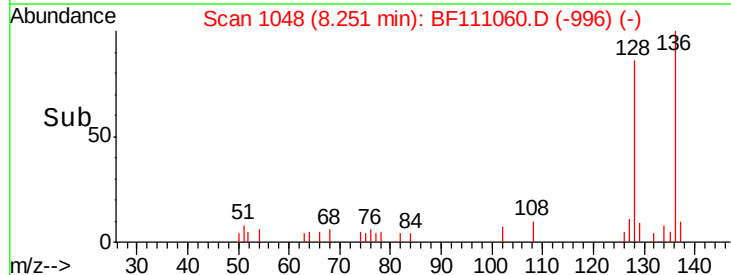
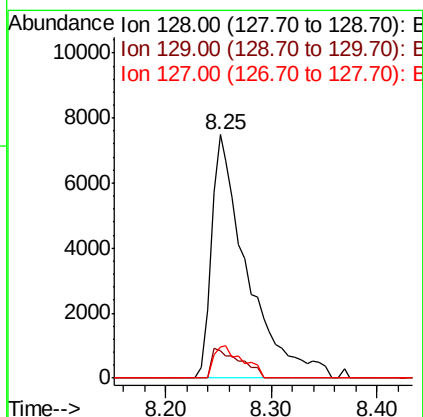
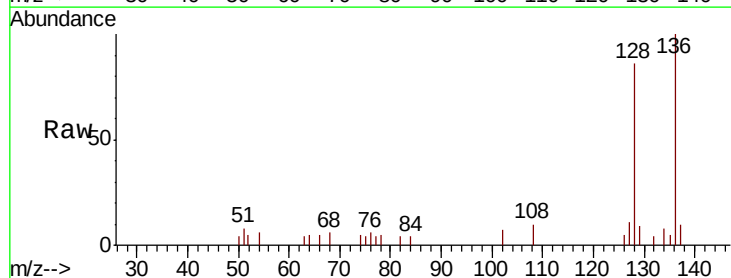
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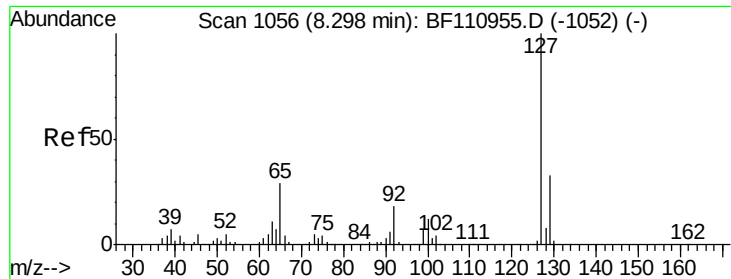
Tgt Ion: 82 Resp: 29517
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#31
Naphthalene
Concen: 8.145 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion: 128 Resp: 17546
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.8 16.2

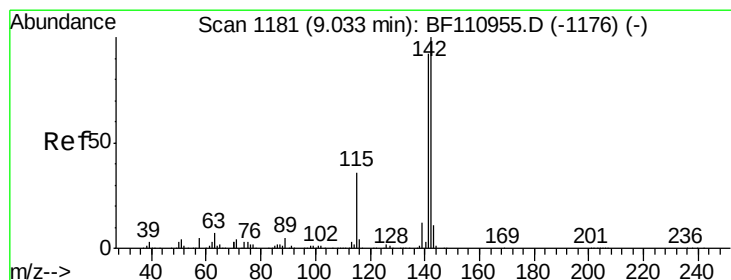
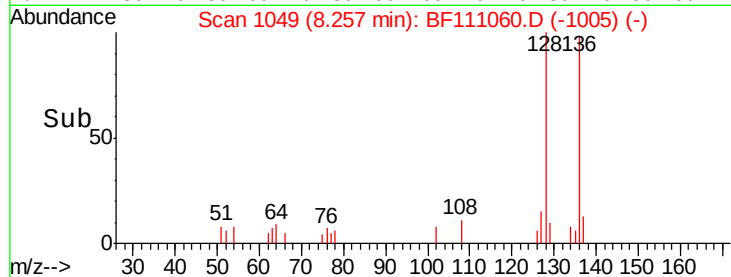
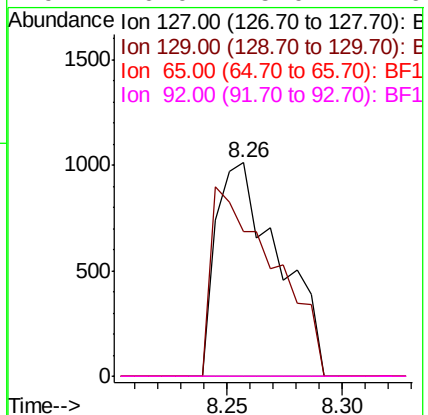
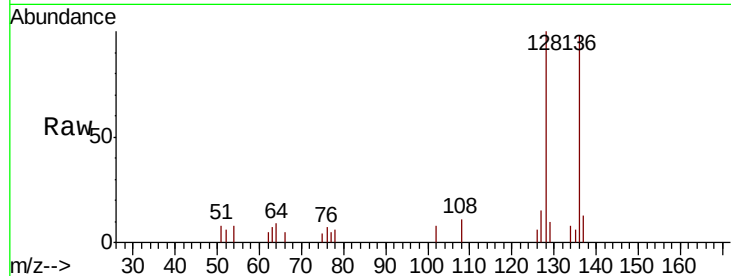




#33
4-Chloroaniline
Concen: 2.090 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.04 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

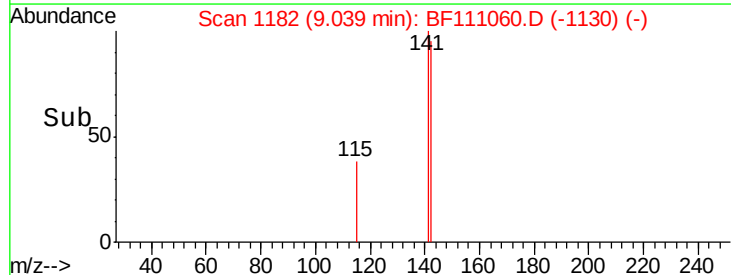
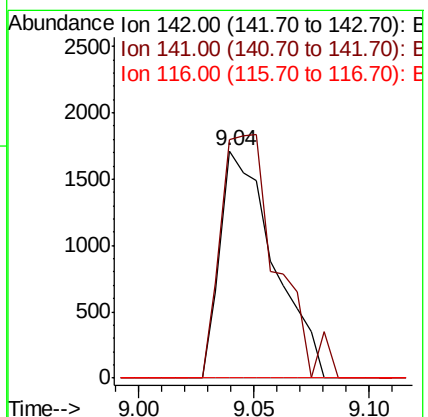
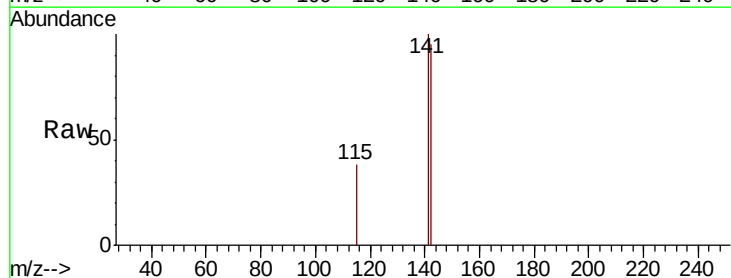
Instrument :
BNA_F
ClientSampleId :
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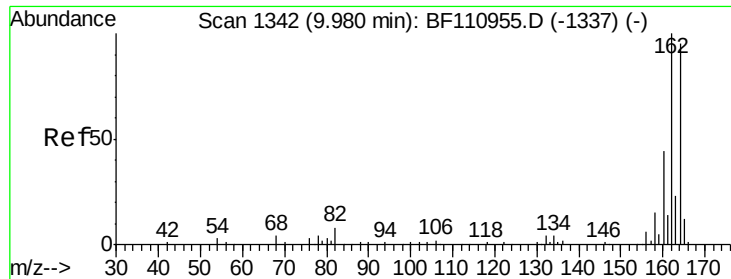
Tgt Ion:	127	Resp:	1916
Ion	Ratio	Lower	Upper
127	100		
129	67.9	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



#38
1-Methylnaphthalene
Concen: 2.001 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion:	142	Resp:	2770
Ion	Ratio	Lower	Upper
142	100		
141	104.9	74.2	111.4
116	0.0	2.6	4.0#

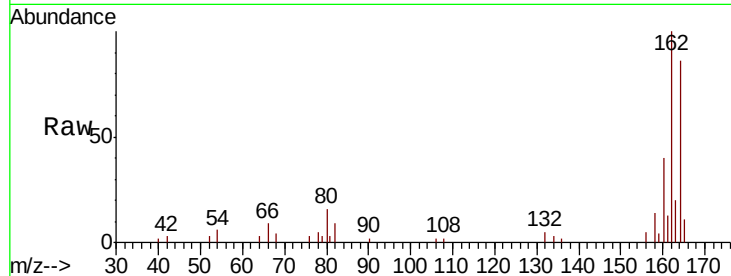




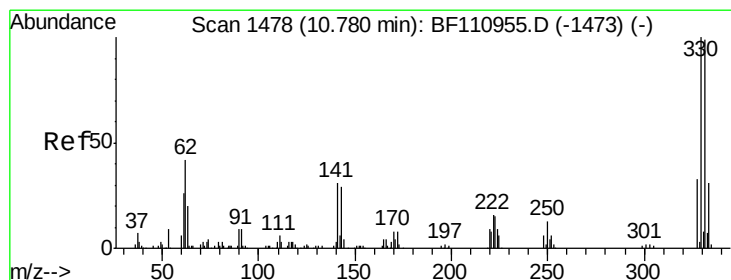
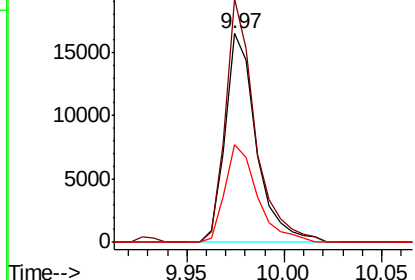
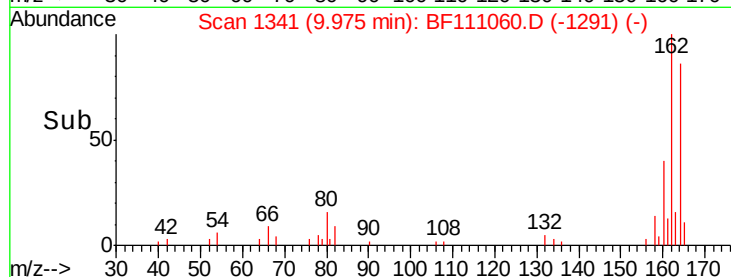
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-02RE

Tgt Ion:164 Resp: 18288
 Ion Ratio Lower Upper
 164 100
 162 116.6 83.0 124.6
 160 46.6 37.0 55.6

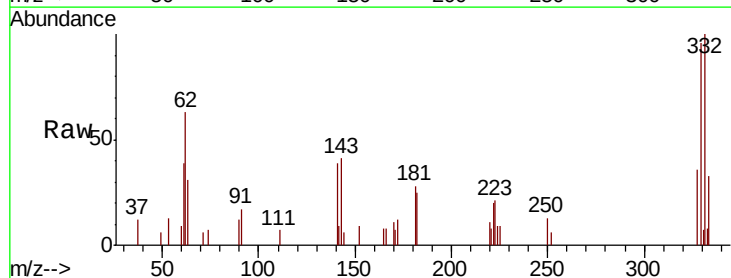


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

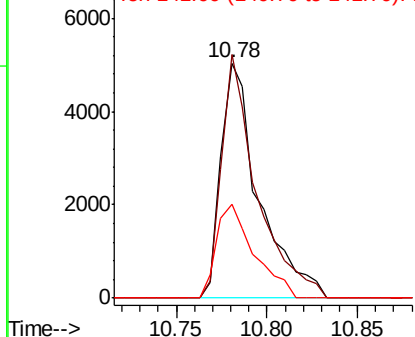
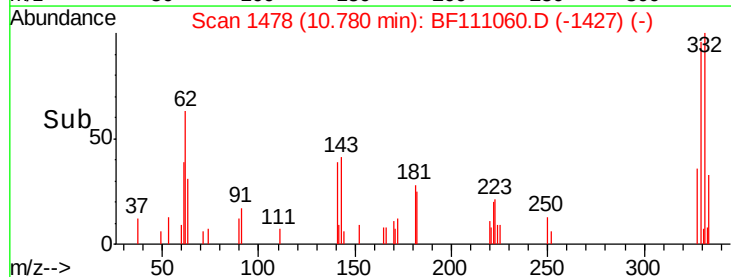


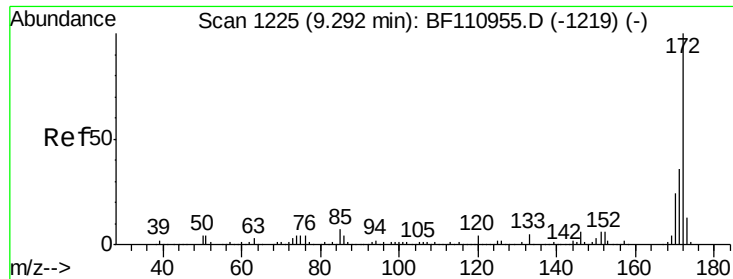
#42
 2,4,6-Tribromophenol
 Concen: 40.347 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Tgt Ion:330 Resp: 7328
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 39.7 27.0 40.4



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

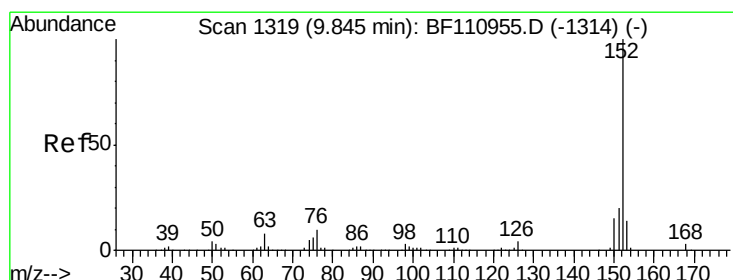
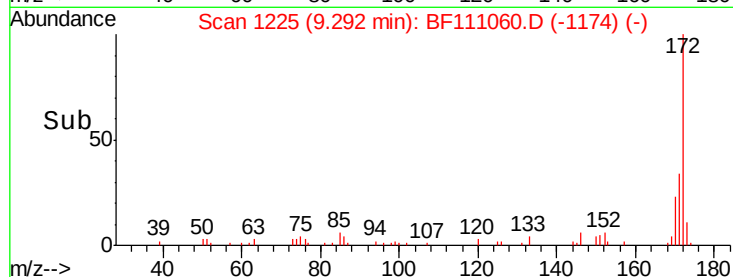
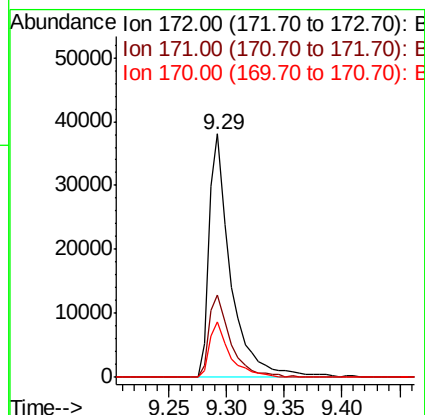
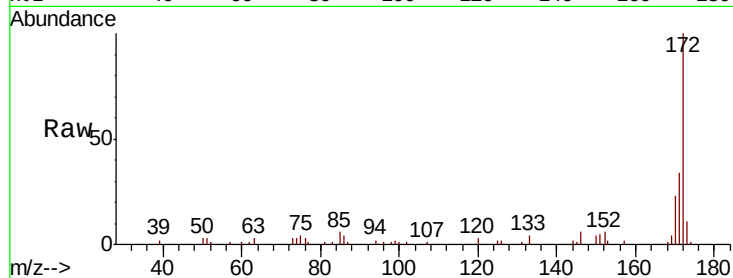




#45
2-Fluorobiphenyl
Concen: 39.325 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

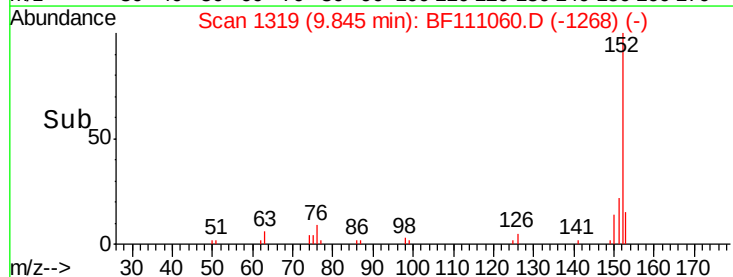
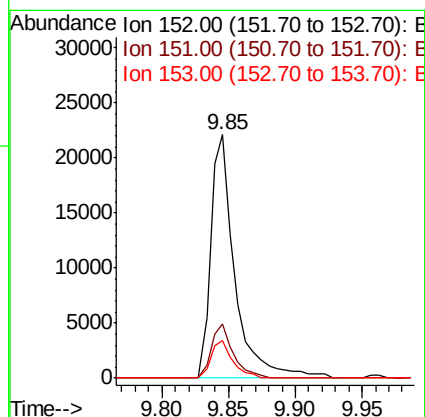
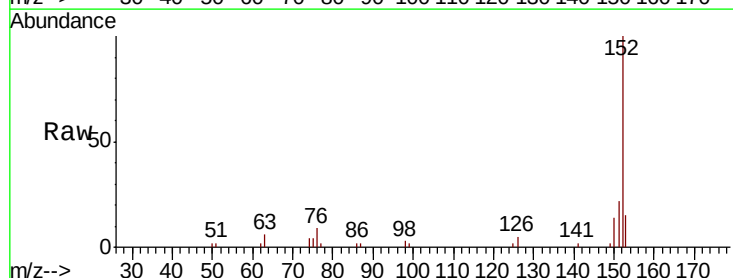
Instrument :
BNA_F
ClientSampleId :
SS-02RE

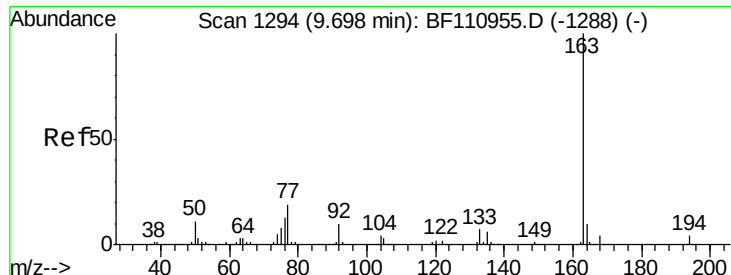
Tgt Ion:172 Resp: 49640
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 22.6 19.7 29.5



#49
Acenaphthylene
Concen: 16.082 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion:152 Resp: 27956
Ion Ratio Lower Upper
152 100
151 22.1 15.8 23.8
153 15.4 10.4 15.6





#50

Dimethylphthalate

Concen: 5.354 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

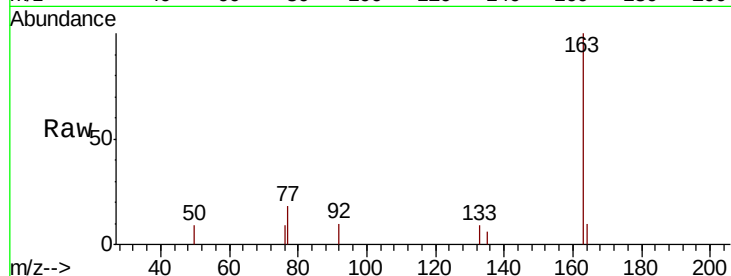
Tgt Ion:163 Resp: 7181

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

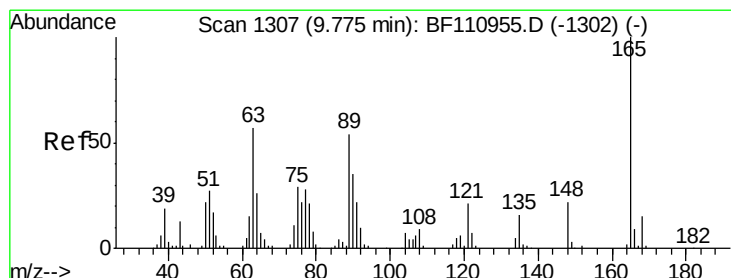
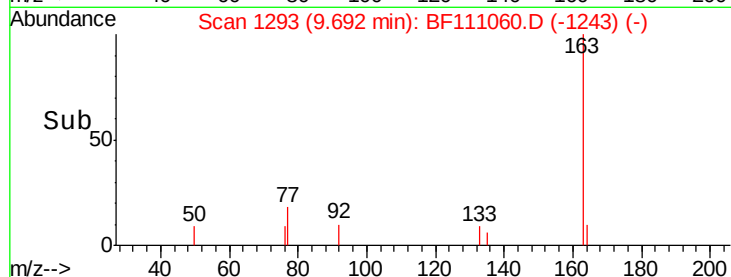
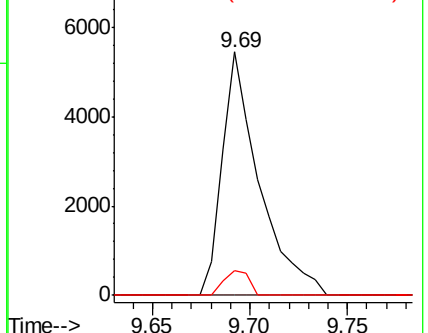
164 10.1 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 7.756 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.20 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

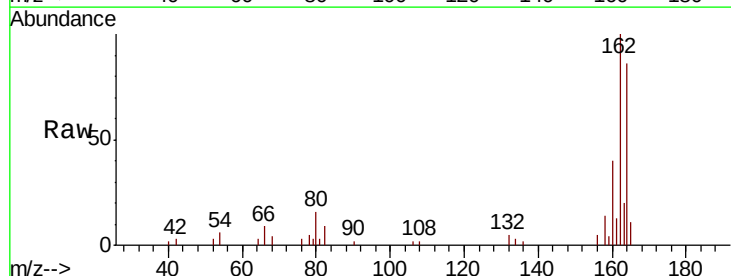
Tgt Ion:165 Resp: 2316

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

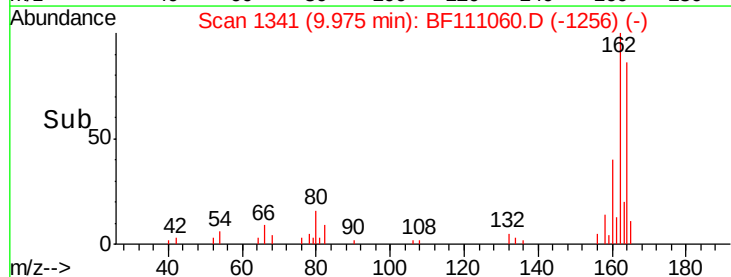
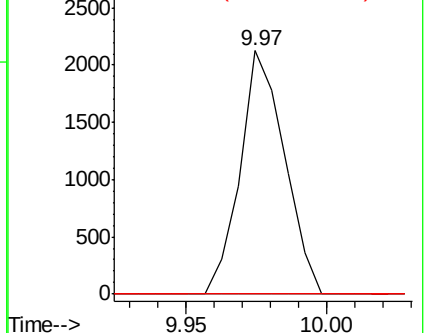
89 0.0 46.6 69.8#

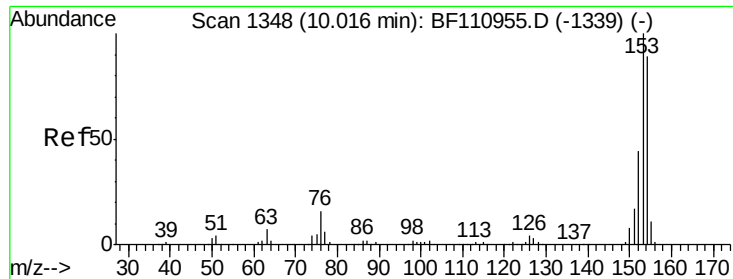


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 2.500 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

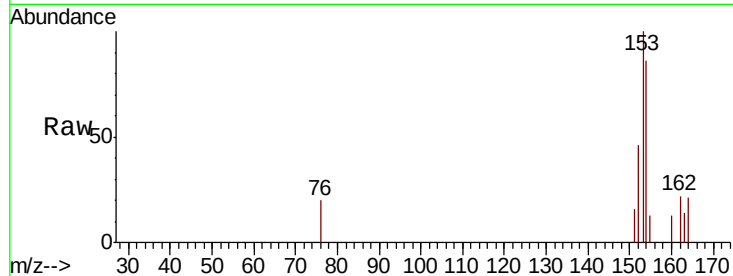
Tgt Ion:154 Resp: 2786

Ion Ratio Lower Upper

154 100

153 115.7 90.1 135.1

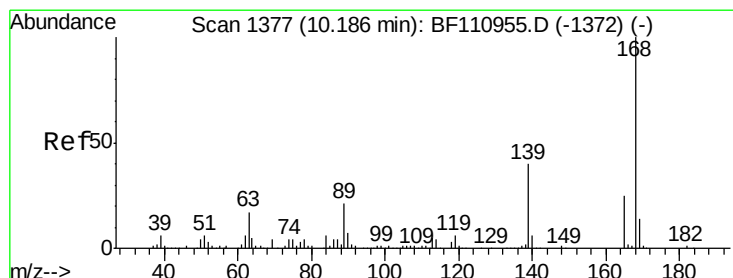
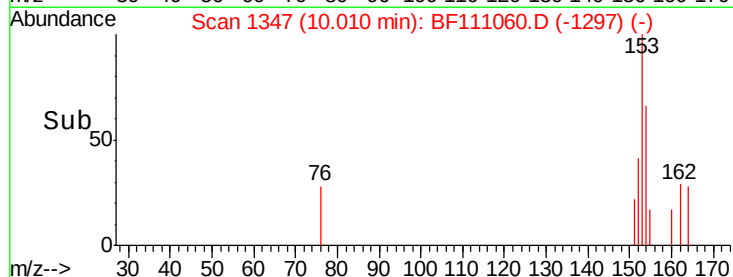
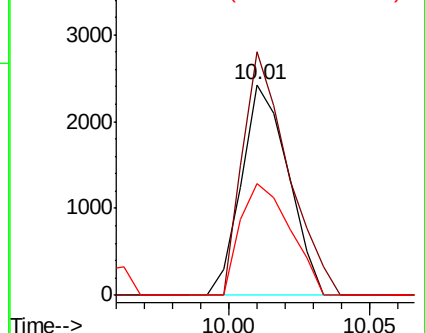
152 53.0 43.4 65.2



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

Dibenzofuran

Concen: 3.169 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

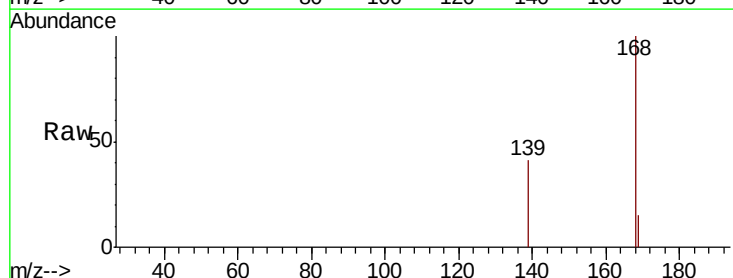
Tgt Ion:168 Resp: 5152

Ion Ratio Lower Upper

168 100

139 41.2 33.0 49.6

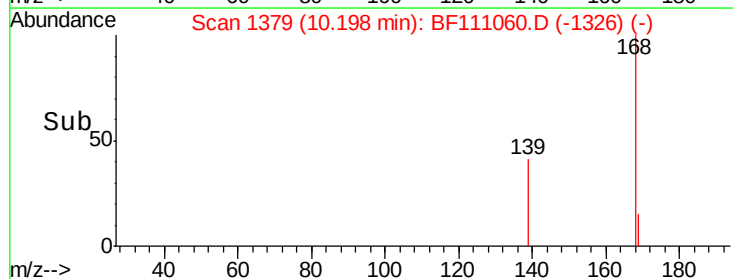
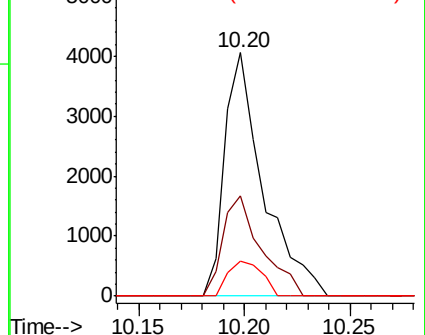
169 14.5 11.3 16.9

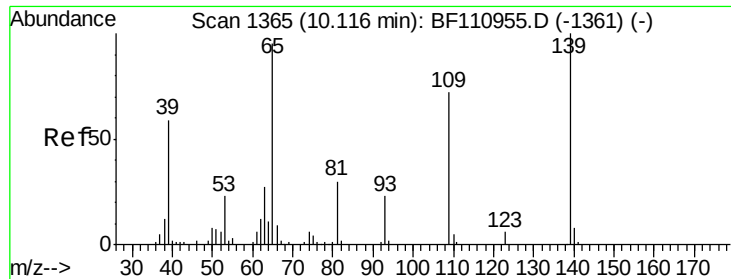


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

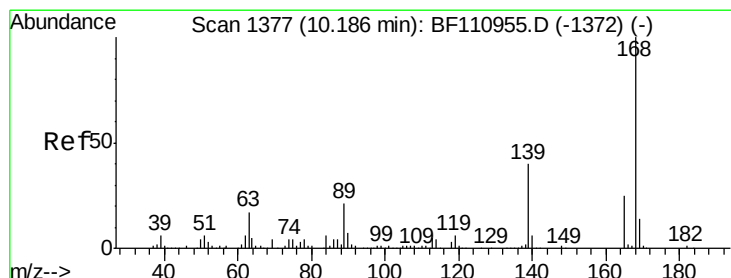
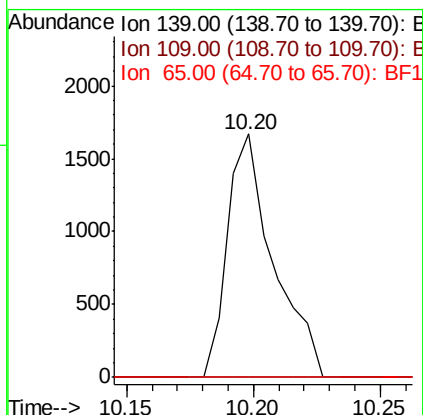
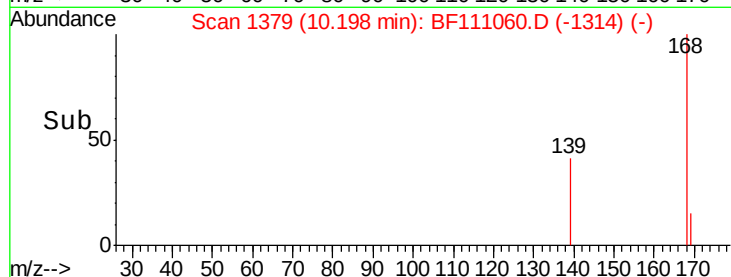
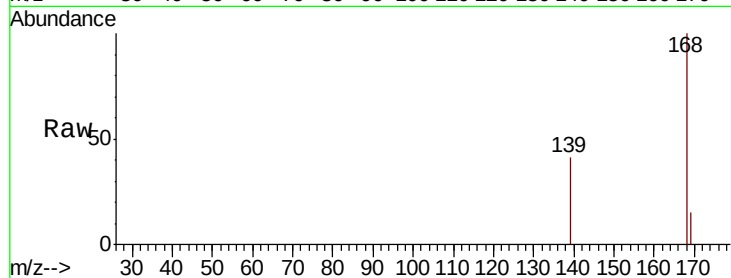




#56
4-Nitrophenol
Concen: 14.542 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.08 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

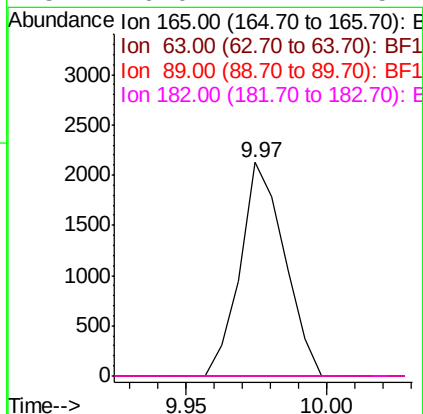
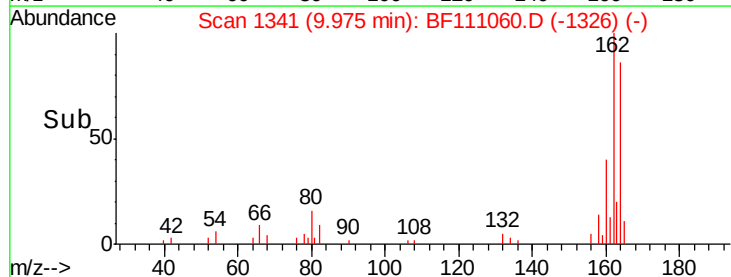
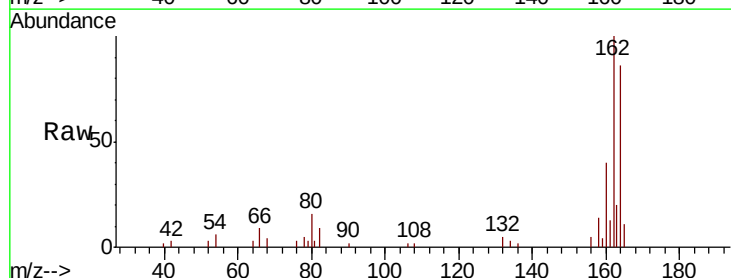
Instrument :
BNA_F
ClientSampleId :
SS-02RE

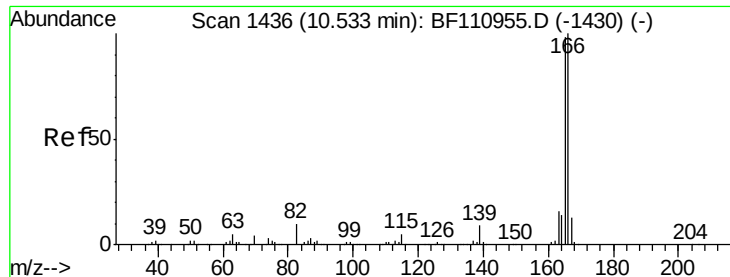
Tgt Ion:139 Resp: 2105
Ion Ratio Lower Upper
139 100
109 0.0 55.8 95.8#
65 0.0 77.9 117.9#



#57
2,4-Dinitrotoluene
Concen: 5.978 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.21 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion:165 Resp: 2316
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 8.907 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

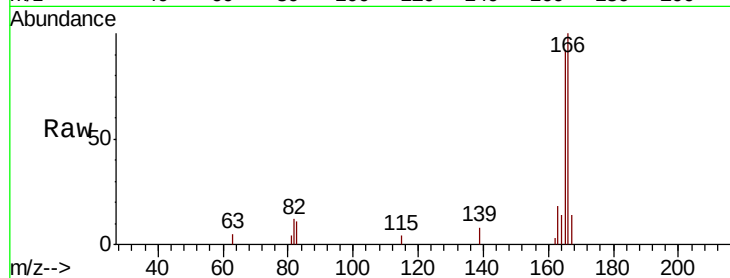
Tgt Ion:166 Resp: 11267

Ion Ratio Lower Upper

166 100

165 92.0 78.6 117.8

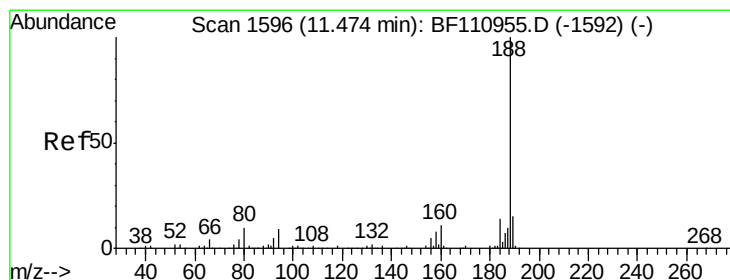
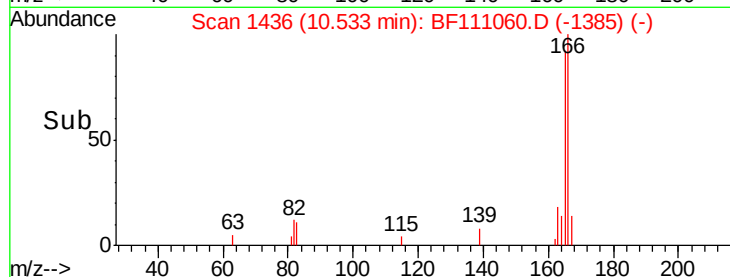
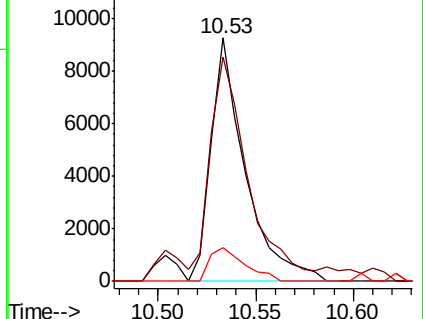
167 14.1 10.8 16.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

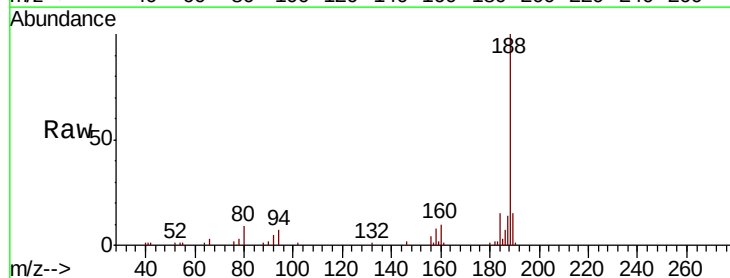
Tgt Ion:188 Resp: 28178

Ion Ratio Lower Upper

188 100

94 7.5 7.2 10.8

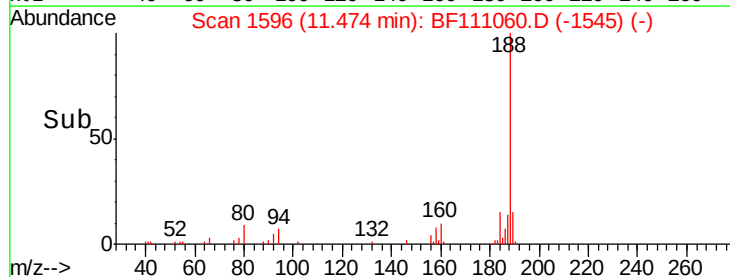
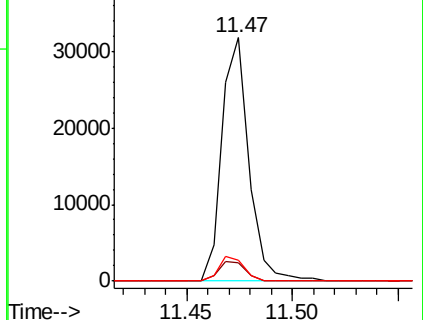
80 8.7 7.9 11.9

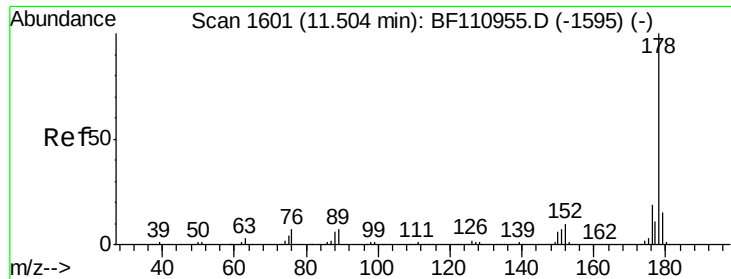


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

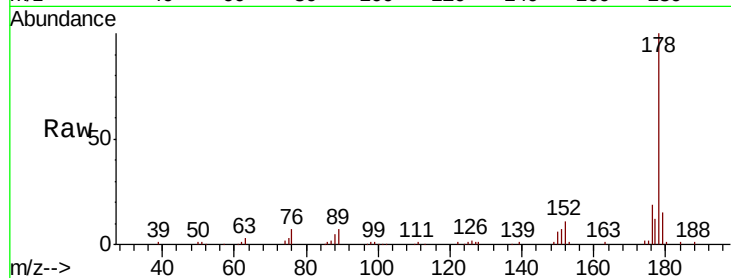




#71
Phenanthrene
Concen: 73.752 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SS-02RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.2	12.5	18.7

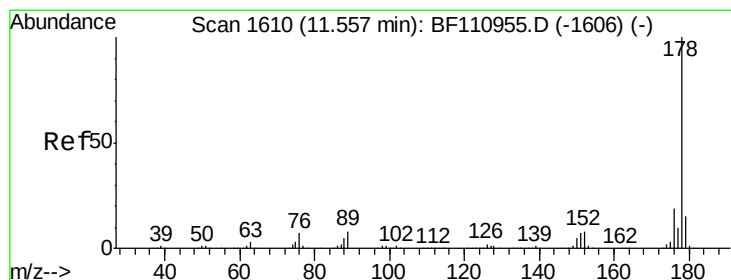
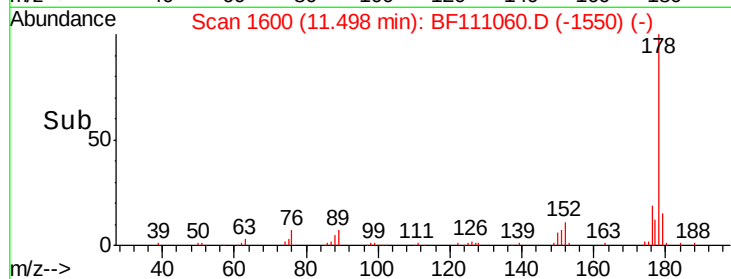
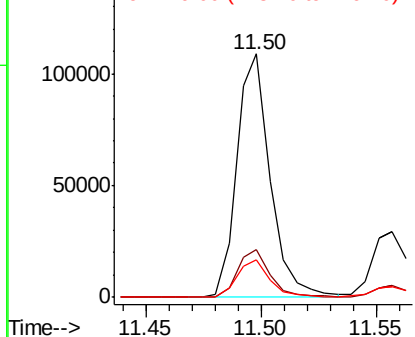


Abundance

Ion 178.00 (177.70 to 178.70): E

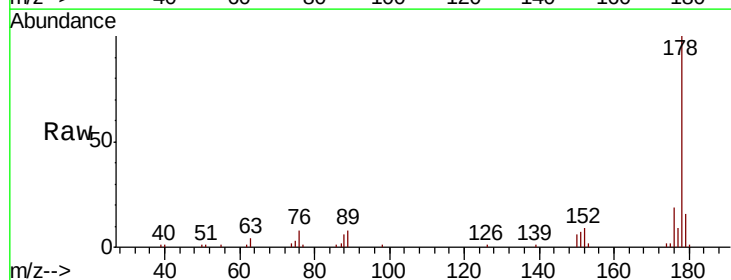
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 24.210 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.3	12.6	18.8

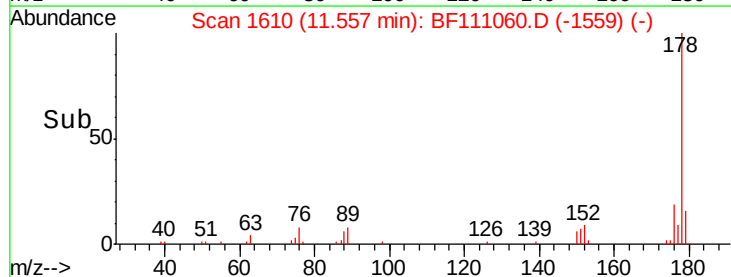
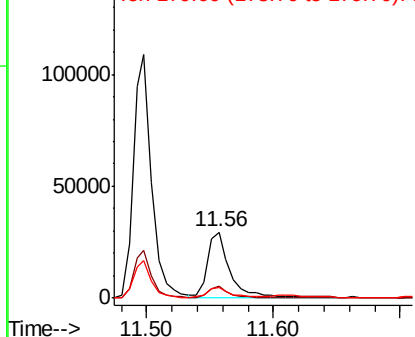


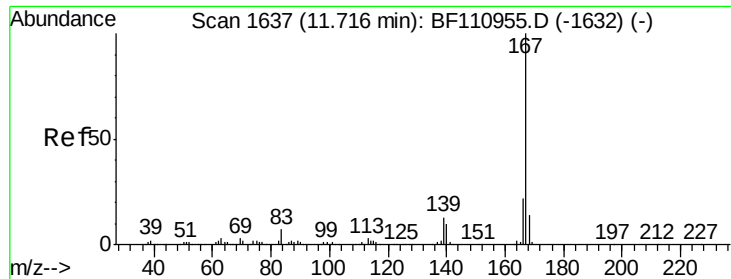
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

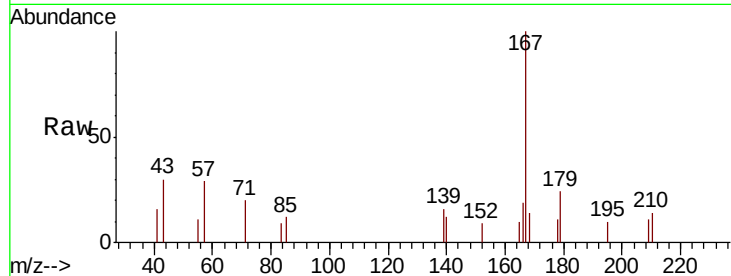




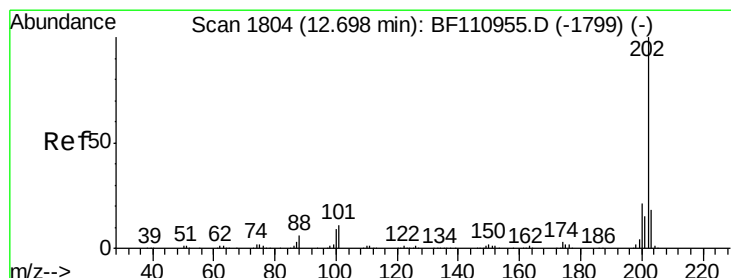
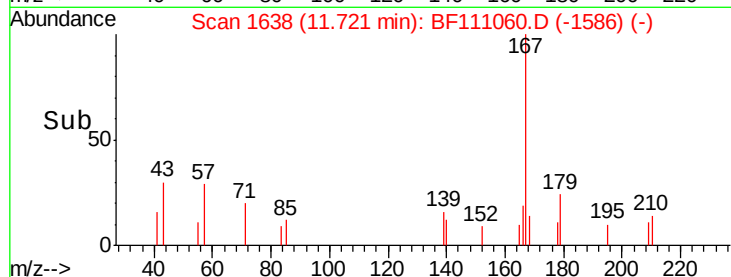
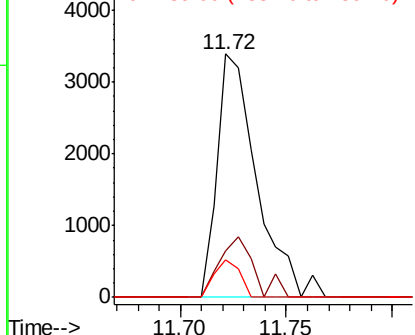
#73
 Carbazole
 Concen: 3.000 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SS-02RE

Tgt Ion:167 Resp: 4425
 Ion Ratio Lower Upper
 167 100
 166 19.3 17.4 26.0
 139 15.6 10.9 16.3

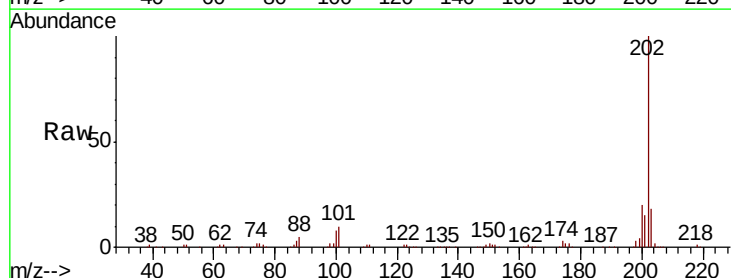


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

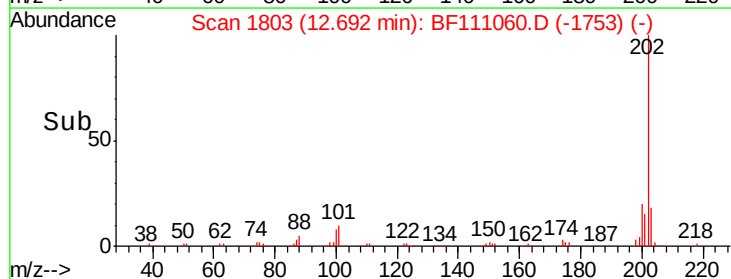
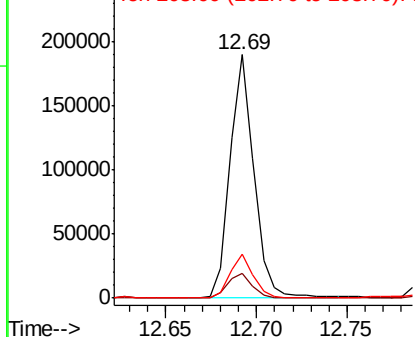


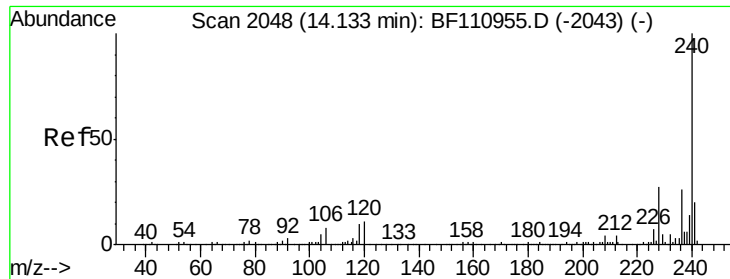
#75
 Fluoranthene
 Concen: 114.544 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF111060.D
 Acq: 28 Nov 2018 22:01

Tgt Ion:202 Resp: 175694
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 18.1 0.0 37.7



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

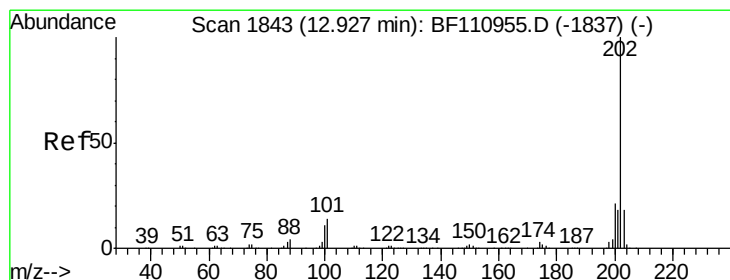
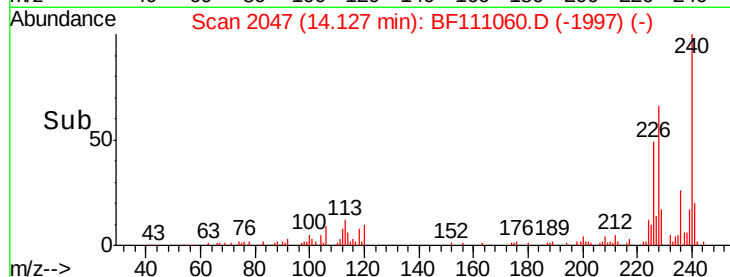
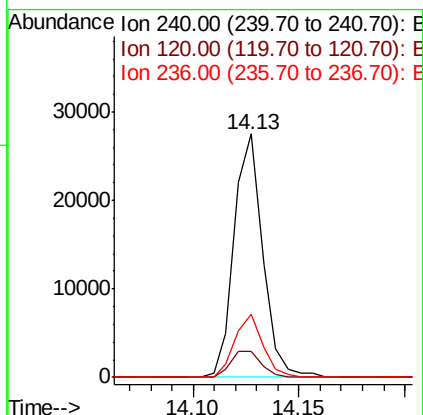
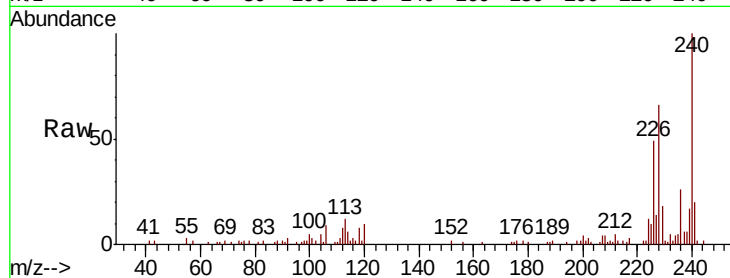




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

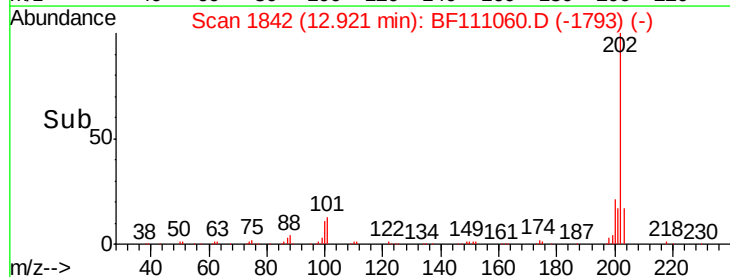
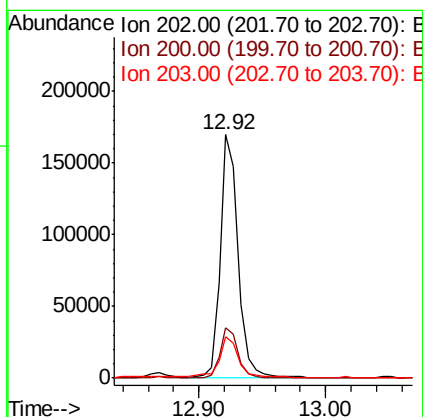
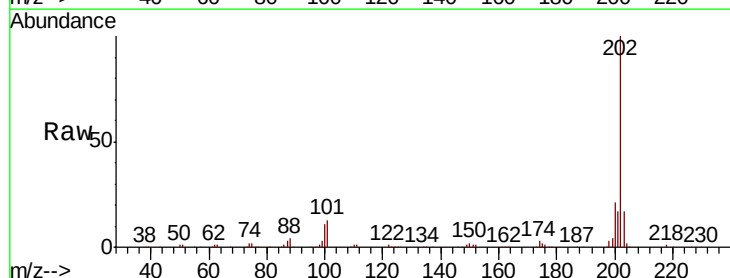
Instrument :
BNA_F
ClientSampleId :
SS-02RE

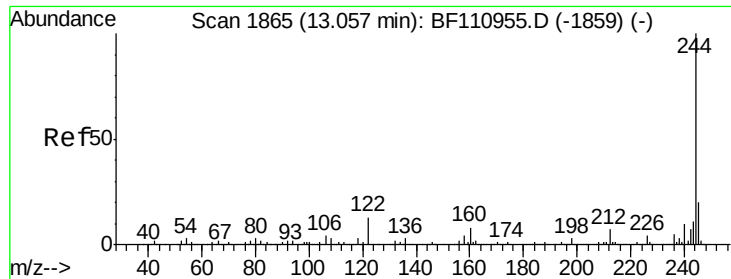
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.7	21.2	31.8



#78
Pyrene
Concen: 87.915 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	17.1	14.2	21.4





#79

Terphenyl-d14

Concen: 24.492 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

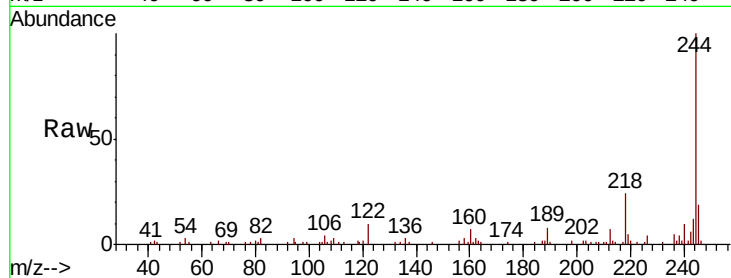
Tgt Ion:244 Resp: 32383

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

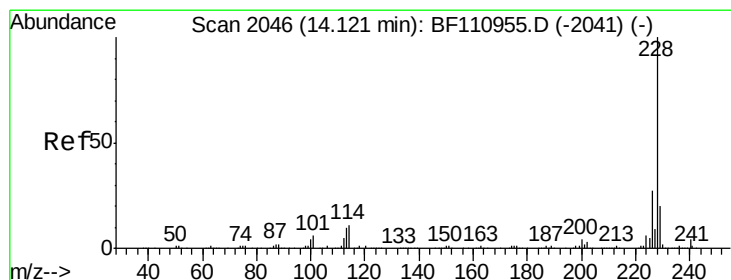
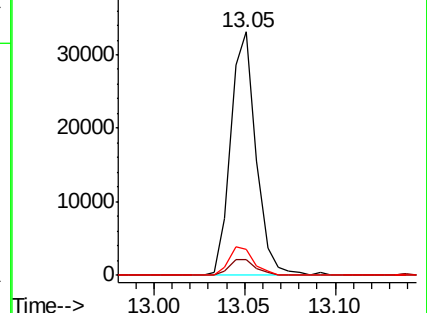
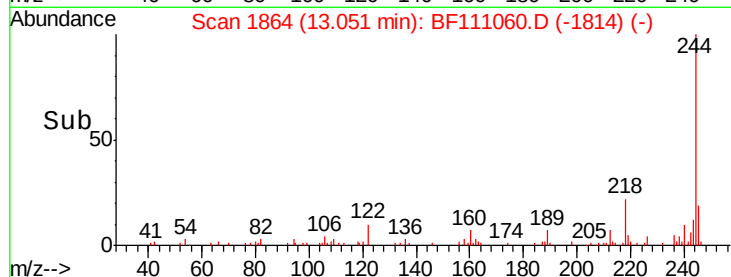
122 10.5 8.7 13.1



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



#81

Benzo(a)anthracene

Concen: 62.728 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

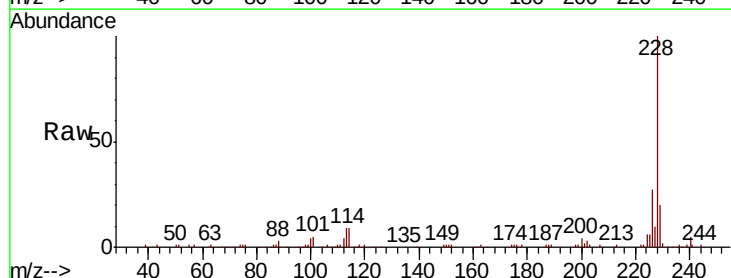
Tgt Ion:228 Resp: 95318

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

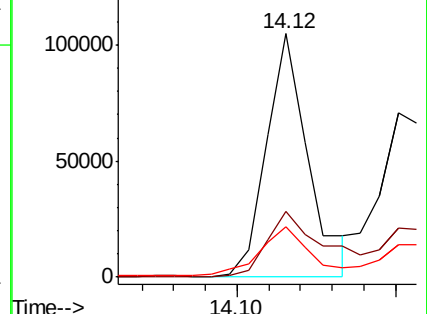
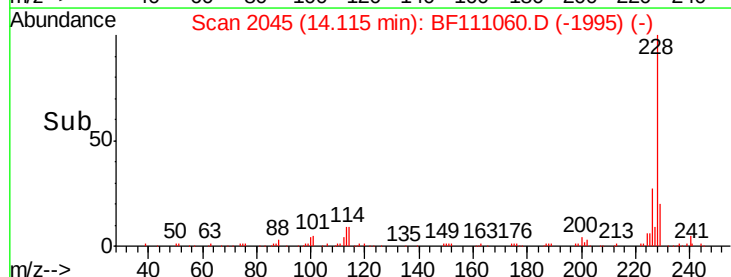
229 20.5 15.6 23.4

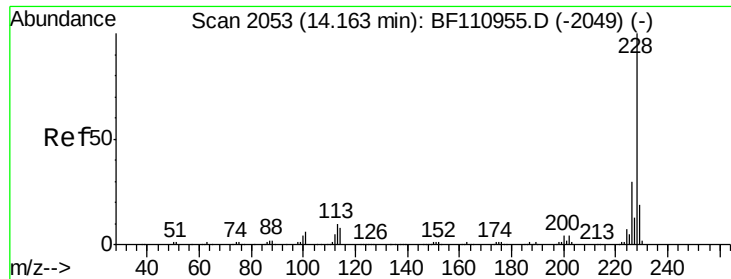


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 54.174 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

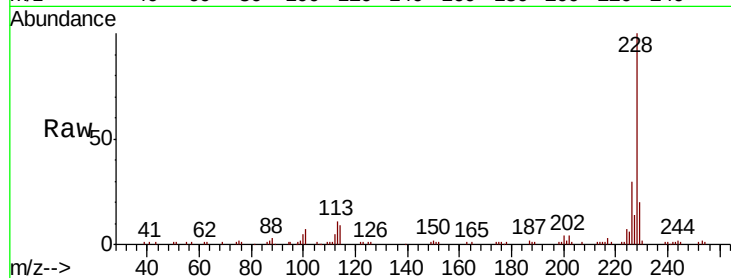
Tgt Ion:228 Resp: 81037

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

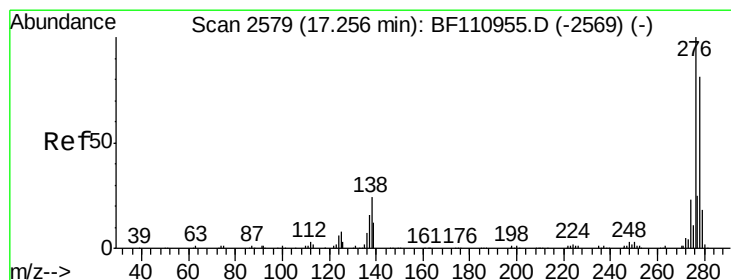
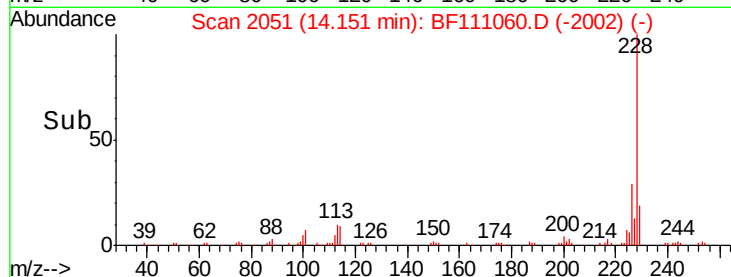
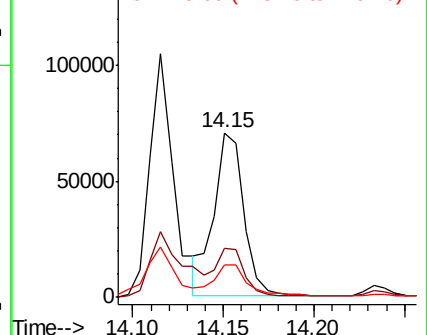
229 19.9 15.9 23.9



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.347 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

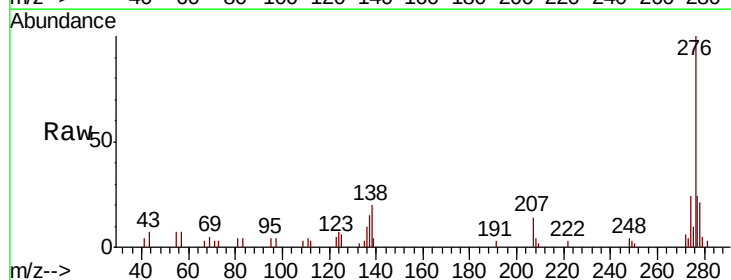
Tgt Ion:276 Resp: 33658

Ion Ratio Lower Upper

276 100

138 21.2 18.5 27.7

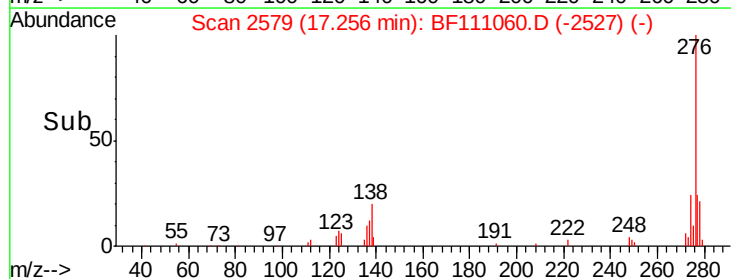
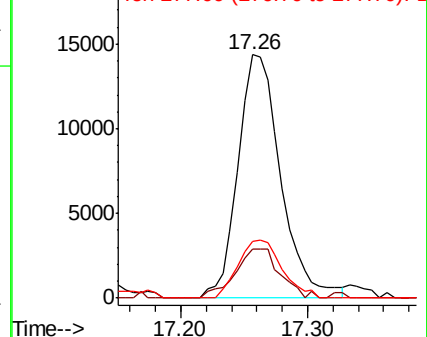
277 24.4 20.0 30.0

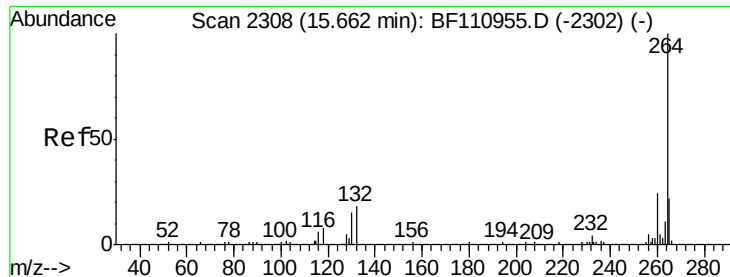


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

Instrument :

BNA_F

ClientSampleId :

SS-02RE

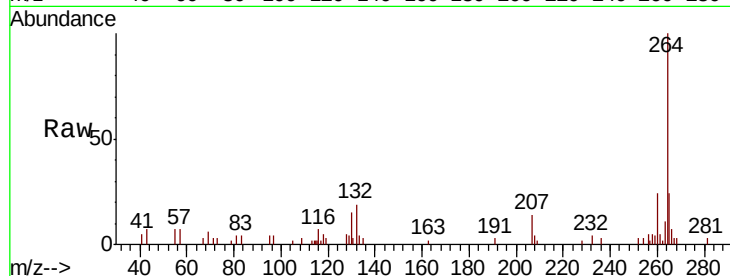
Tgt Ion:264 Resp: 20522

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 24.2 16.7 25.1

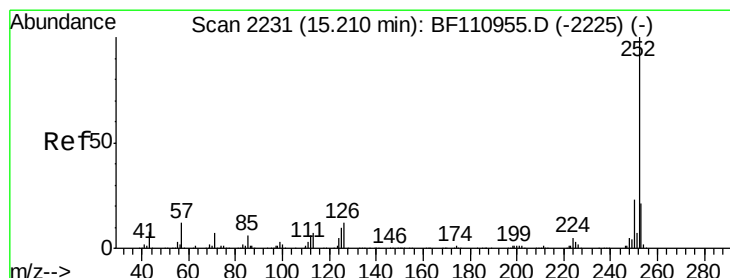
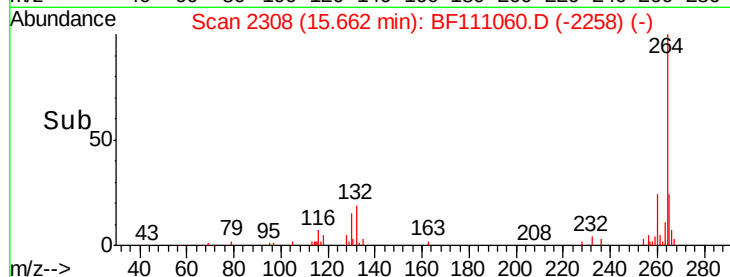
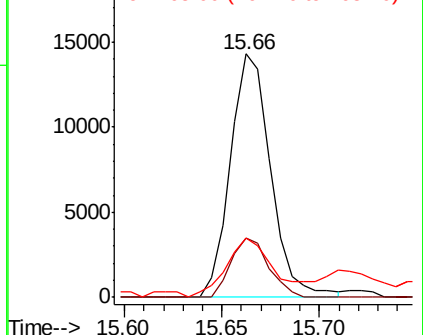


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 102.528 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF111060.D

Acq: 28 Nov 2018 22:01

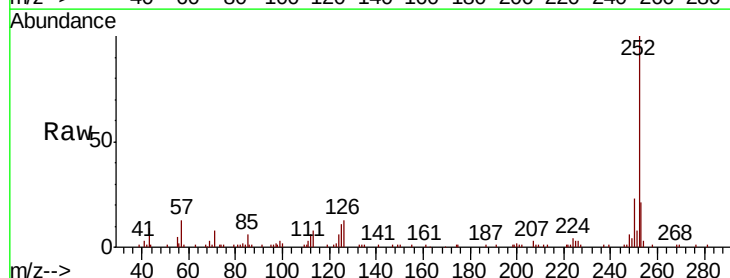
Tgt Ion:252 Resp: 123607

Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 10.6 8.2 12.4

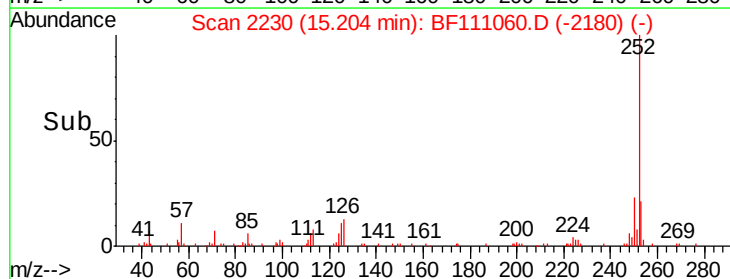
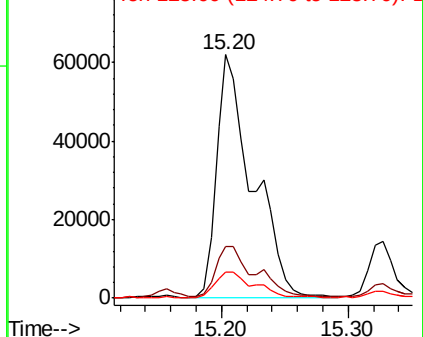


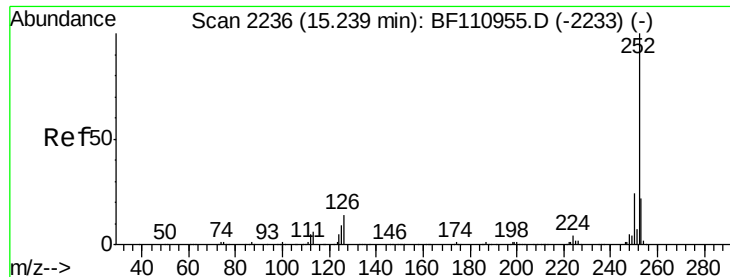
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

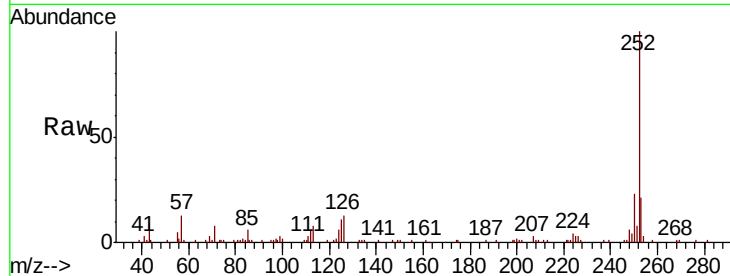




#89
Benzo(k)fluoranthene
Concen: 99.611 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Instrument :
BNA_F
ClientSampleId :
SS-02RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	10.6	7.4	11.0

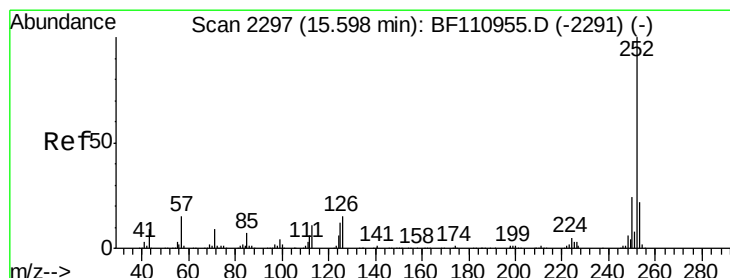
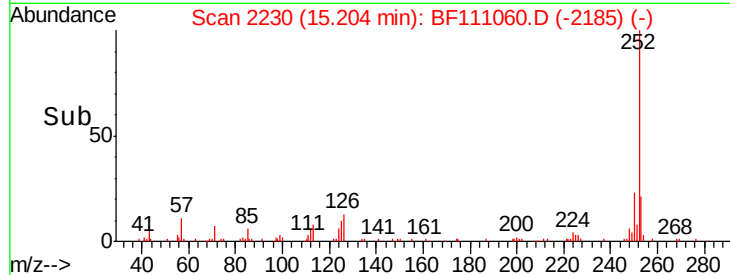
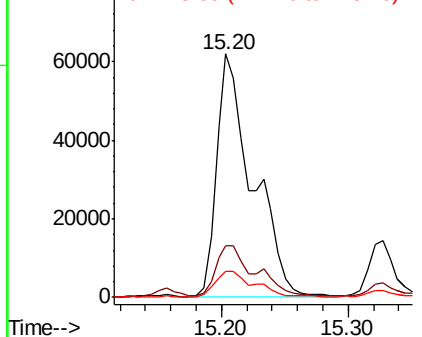


Abundance

Ion 252.00 (251.70 to 252.70): E

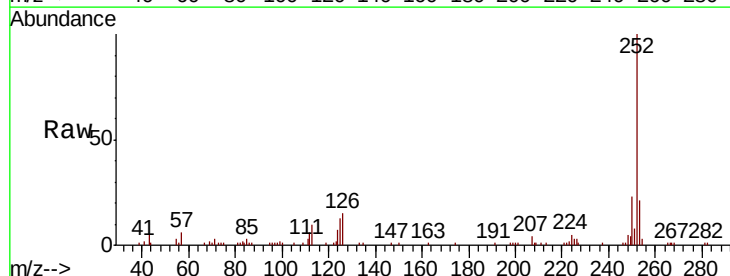
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 58.603 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	12.7	9.0	13.6

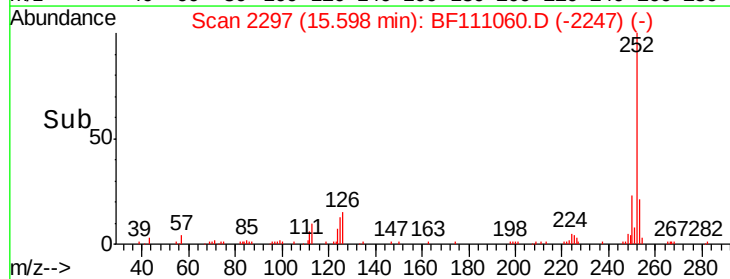
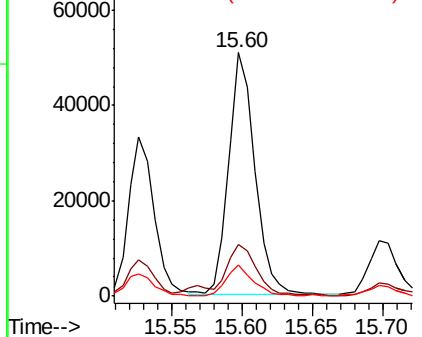


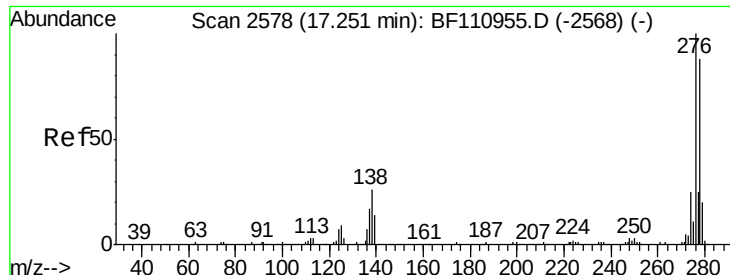
Abundance

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



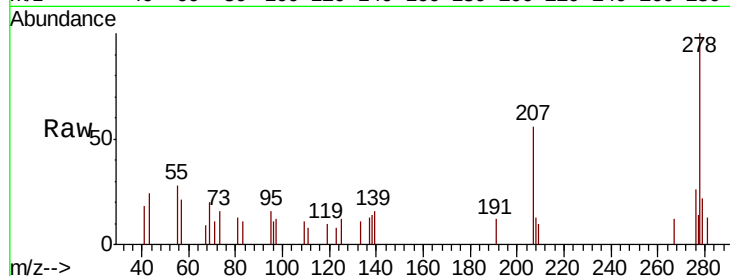


#91
Dibenzo(a,h)anthracene
Concen: 8.755 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.19 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

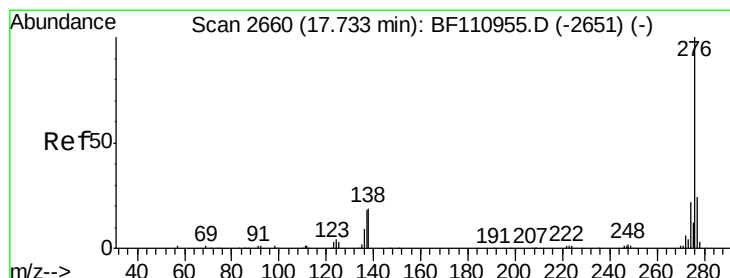
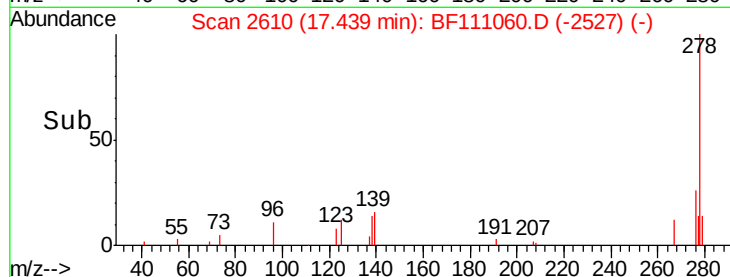
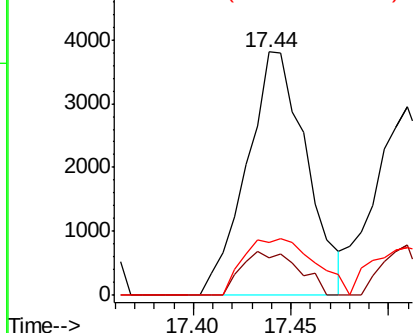
Instrument :
BNA_F
ClientSampleId :
SS-02RE

Tgt Ion:278 Resp: 8106

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	21.9	19.0	28.4



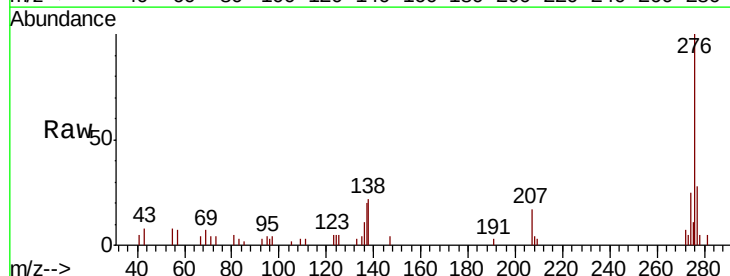
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.139 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF111060.D
Acq: 28 Nov 2018 22:01

Tgt Ion:276 Resp: 30478

Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.8	28.2
138	22.0	16.0	24.0



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

