

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113861.D
 Acq On : 19 Apr 2019 16:29
 Operator : JU/SJ
 Sample : K2202-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Quant Time: Apr 19 23:23:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

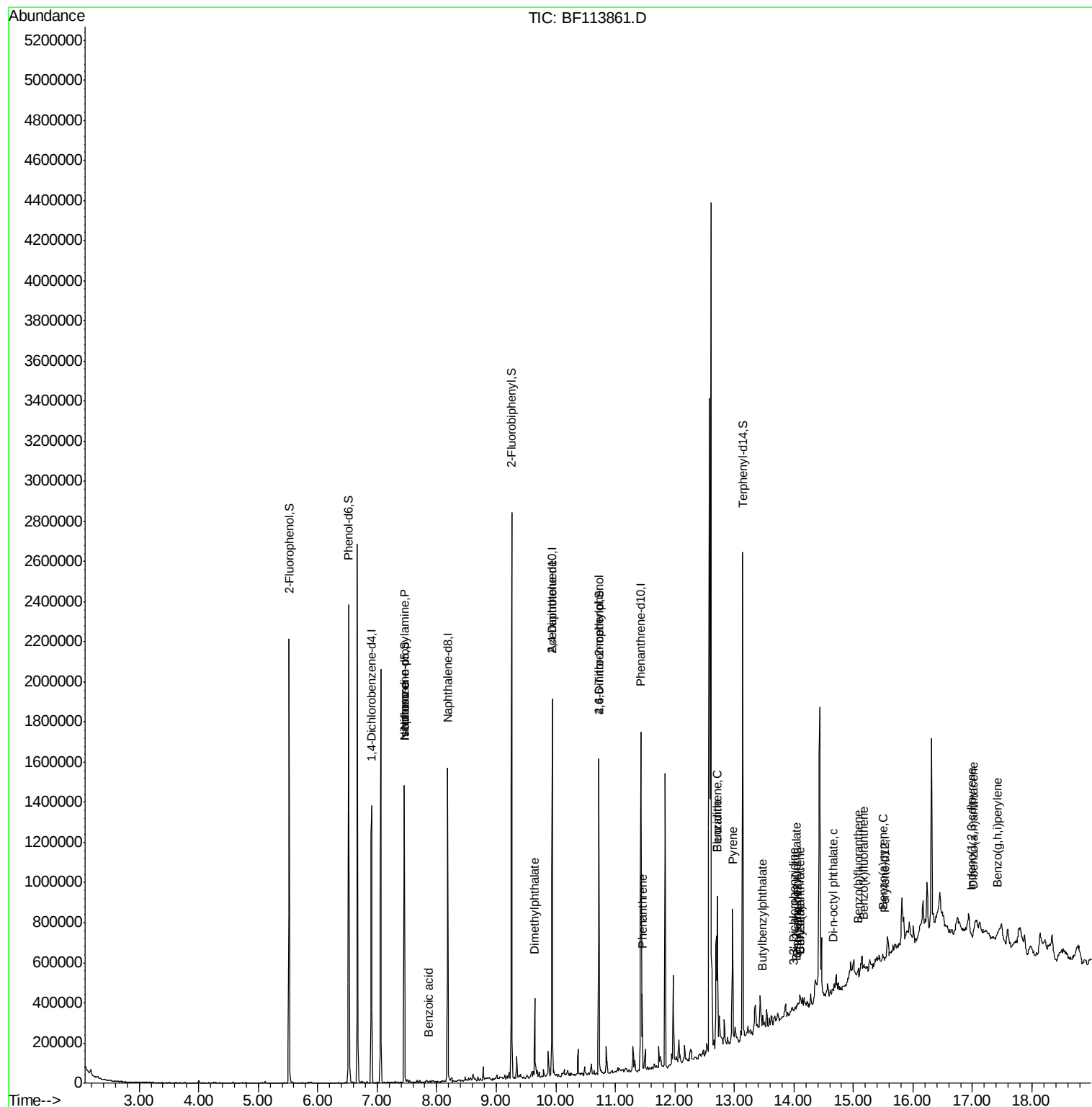
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205523	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	731844	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	336788	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	631462	20.00	ng	0.02
76) Chrysene-d12	14.06	240	696	20.00	ng	0.02
87) Perylene-d12	15.53	264	449	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	636005	51.46	ng	0.01
7) Phenol-d6	6.52	99	809766	52.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	448266	37.30	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	213691	57.43	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	819495	37.11	ng	0.00
79) Terphenyl-d14	13.14	244	890617	26833.05	ng	0.14
Target Compounds						
9) Benzaldehyde	6.67	77	15134	Below Cal		Qvalue 83
19) n-Nitroso-di-n-propylamine	7.46	70	59396	5.773	ng	# 77
25) Isophorone	7.46	82	445551	17.906	ng	# 65
32) Benzoic acid	7.86	122	394	5.977	ng	# 87
50) Dimethylphthalate	9.65	163	138961	5.896	ng	100
57) 2,4-Dinitrotoluene	9.94	165	44506	6.897	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	282	7.020	ng	# 1
71) Phenanthrene	11.45	178	132910	4.133	ng	97
75) Fluoranthene	12.72	202	303566	8.906	ng	97
77) Benzidine	12.72	184	593	25.226	ng	# 1
78) Pyrene	12.97	202	294178	5997.347	ng	97
80) Butylbenzylphthalate	13.48	149	1235	67.967	ng	# 52
81) Benzo(a)anthracene	14.09	228	949	23.326	ng	# 1
82) 3,3'-Dichlorobenzidine	14.00	252	279	19.294	ng	# 69
83) Chrysene	14.09	228	949	23.501	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	659	30.316	ng	# 58
85) Di-n-octyl phthalate	14.66	149	396	11.741	ng	# 17
86) Indeno(1,2,3-cd)pyrene	16.99	276	140	4.247	ng	# 1
88) Benzo(b)fluoranthene	15.08	252	3114	111.251	ng	# 1
89) Benzo(k)fluoranthene	15.17	252	1289	50.561	ng	# 1
90) Benzo(a)pyrene	15.49	252	477	19.272	ng	# 1
91) Dibenzo(a,h)anthracene	17.02	278	377	17.119	ng	# 1
92) Benzo(g,h,i)perylene	17.42	276	3249	145.151	ng	# 1

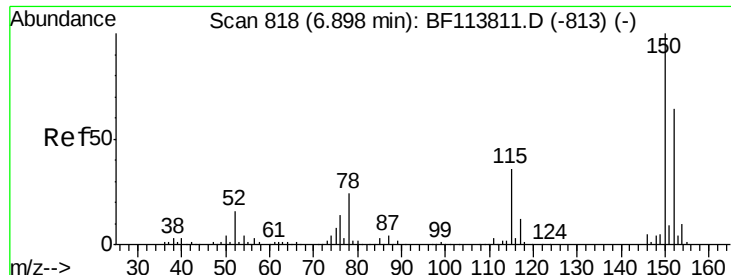
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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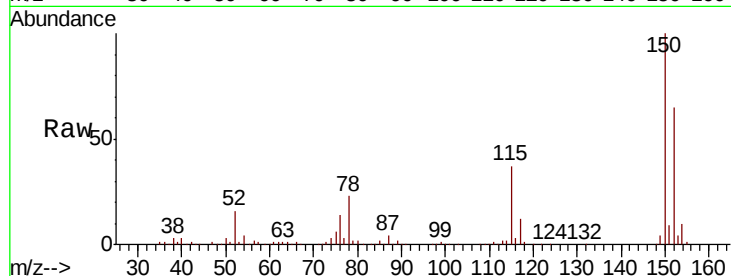


#1

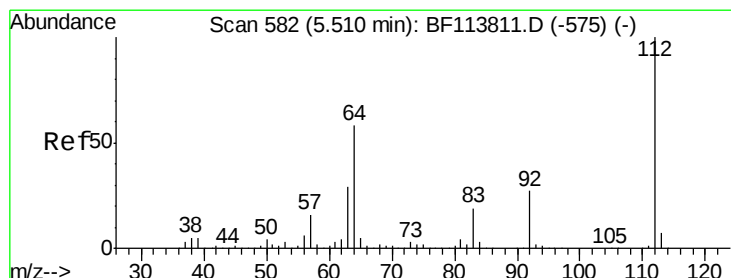
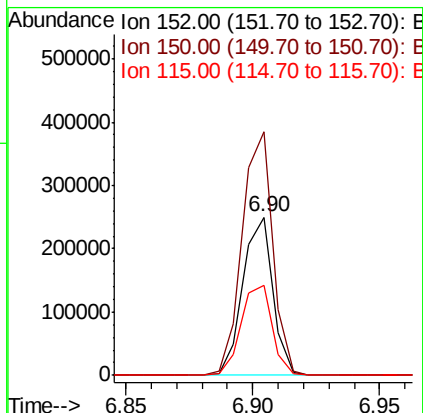
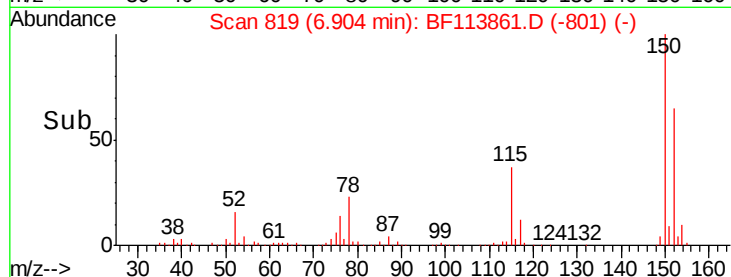
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion:152 Resp: 205523
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 57.0 45.9 68.9



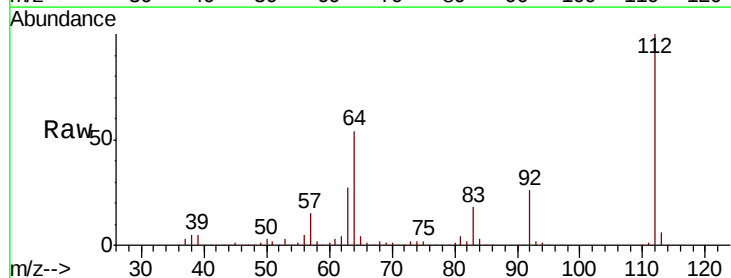
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



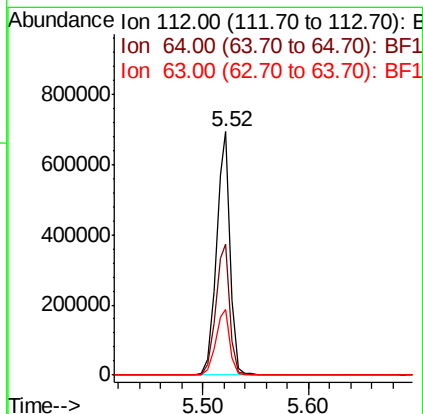
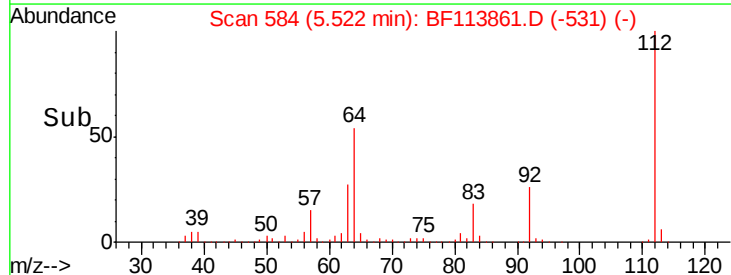
#5

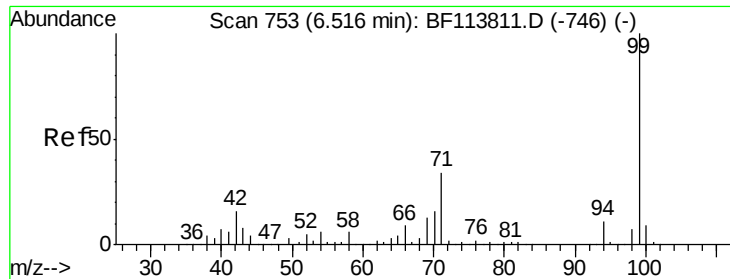
2-Fluorophenol
Concen: 51.456 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion:112 Resp: 636005
Ion Ratio Lower Upper
112 100
64 53.9 46.6 69.8
63 26.9 23.1 34.7



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: 52.534 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

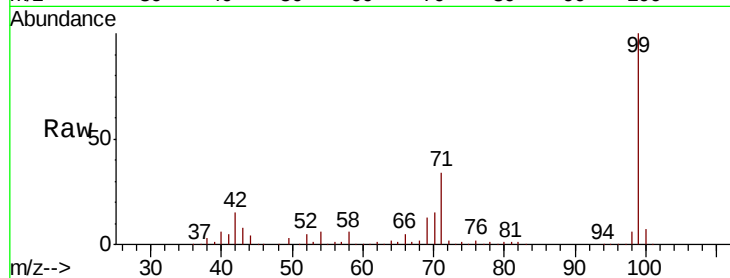
Tgt Ion: 99 Resp: 809766

Ion Ratio Lower Upper

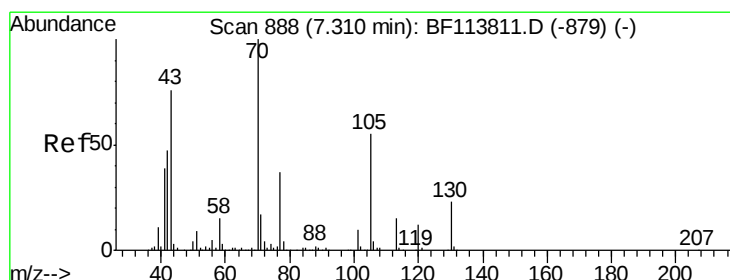
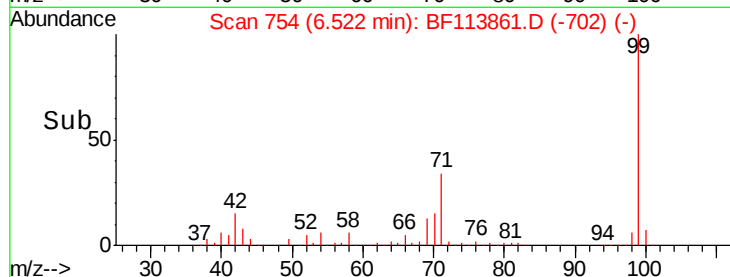
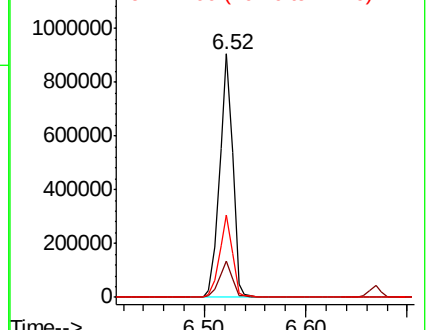
99 100

42 15.1 12.5 18.7

71 33.7 26.9 40.3



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: 5.773 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Tgt Ion: 70 Resp: 59396

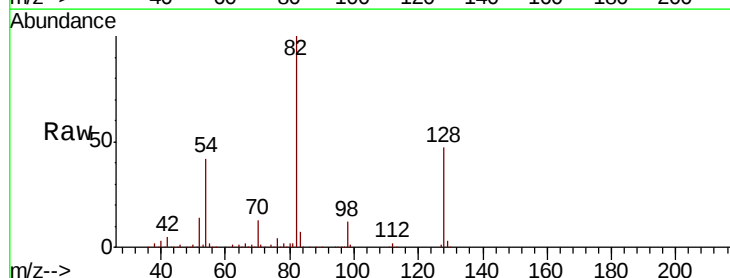
Ion Ratio Lower Upper

70 100

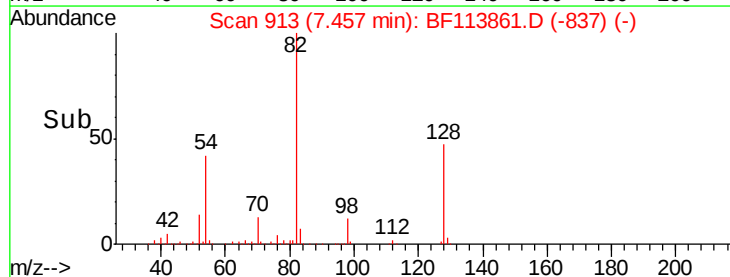
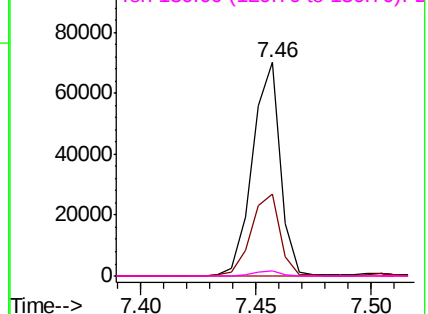
42 38.3 37.3 55.9

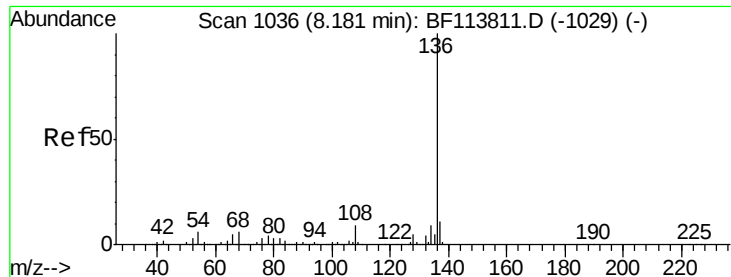
101 0.0 7.8 11.8#

130 2.3 18.2 27.2#



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

Tgt Ion: 136 Resp: 731844

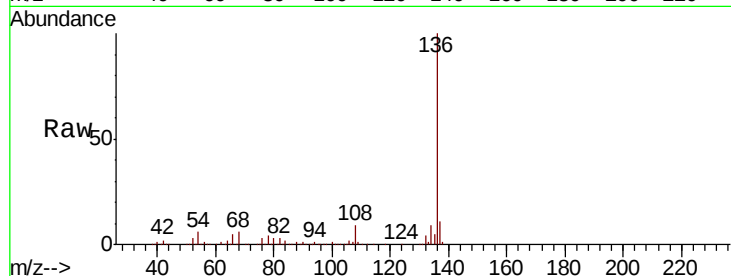
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.0 5.0 7.6

68 5.7 4.9 7.3

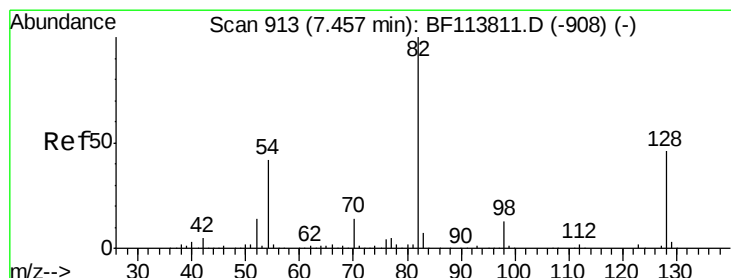
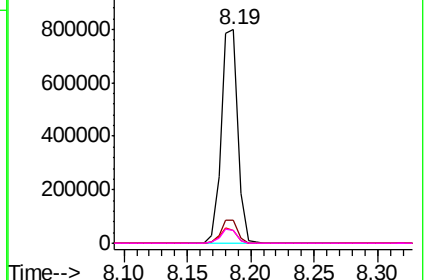
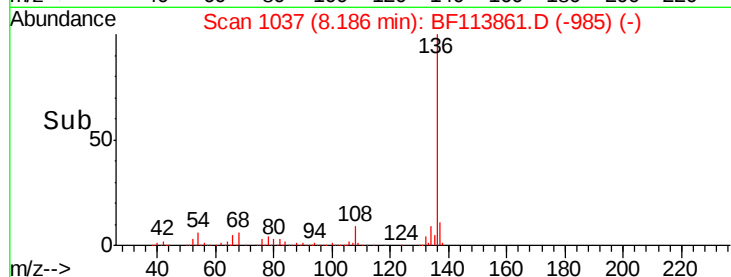


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.300 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

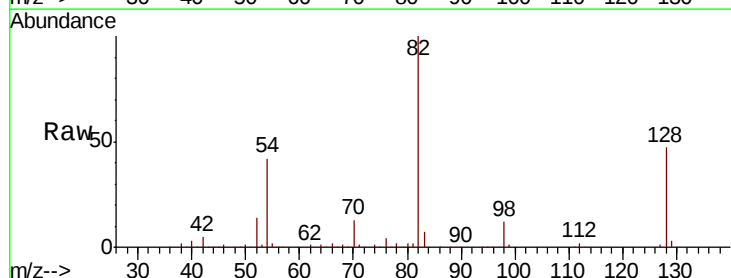
Tgt Ion: 82 Resp: 448266

Ion Ratio Lower Upper

82 100

128 47.0 36.8 55.2

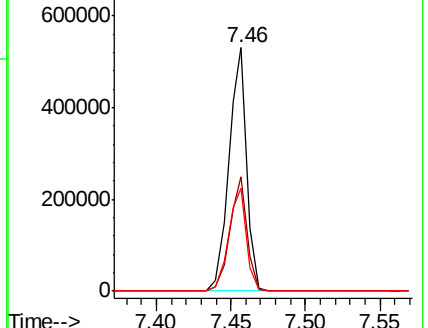
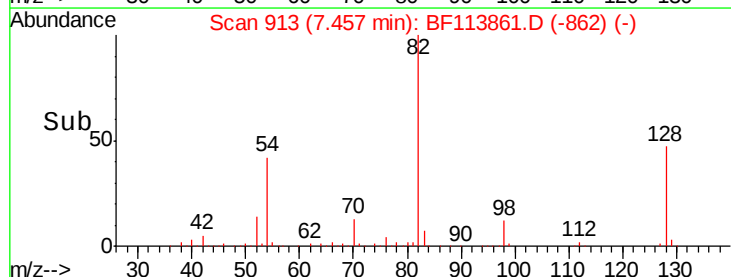
54 42.2 33.8 50.6

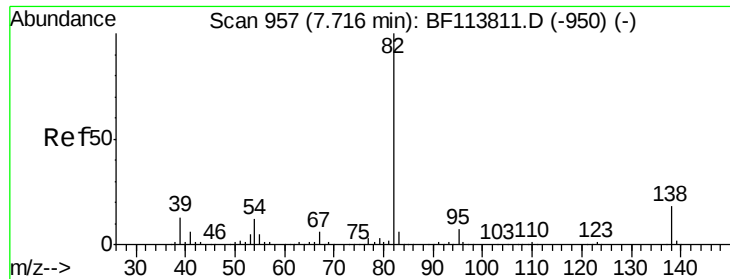


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.906 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

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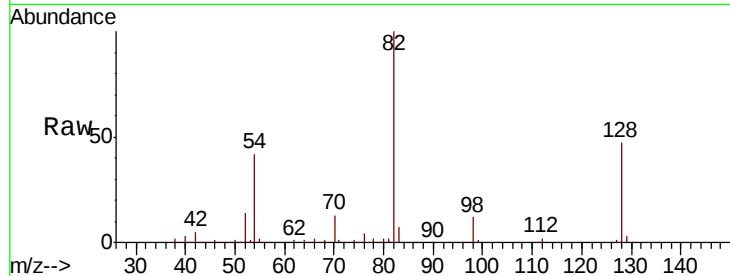
Tgt Ion: 82 Resp: 445551

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

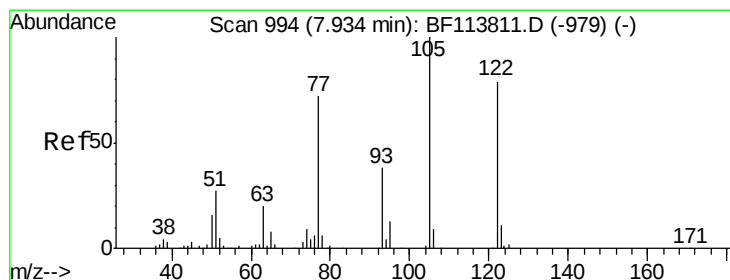
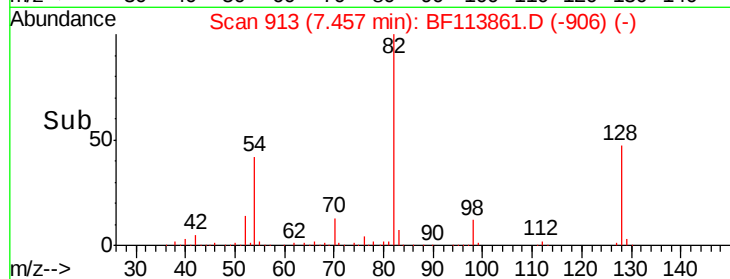
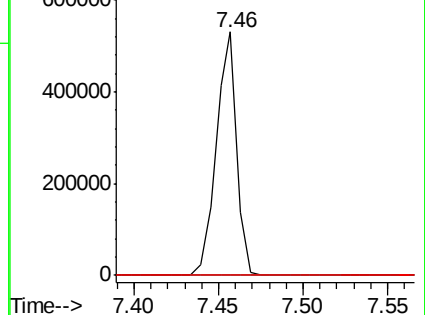
138 0.0 14.6 22.0#



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



#32

Benzoic acid

Concen: 5.977 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.08 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

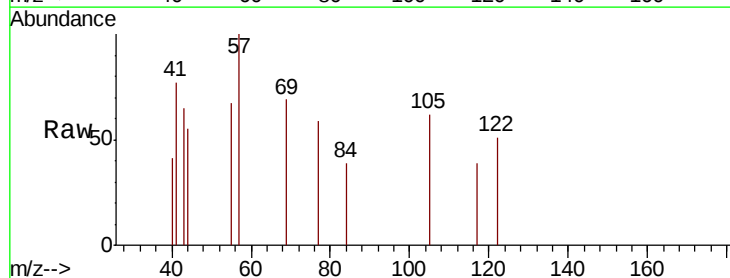
Tgt Ion: 122 Resp: 394

Ion Ratio Lower Upper

122 100

105 120.4 104.3 144.3

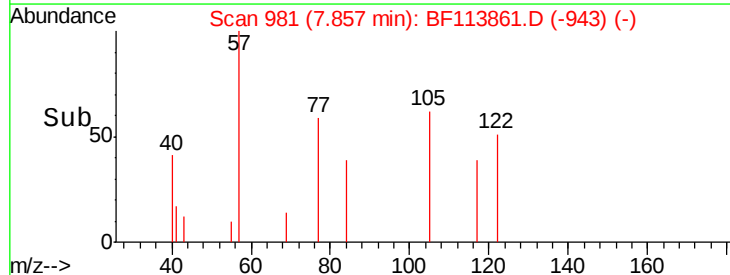
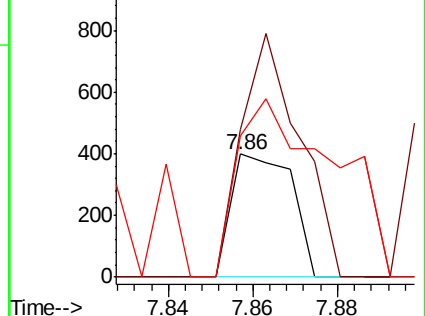
77 115.6 70.4 110.4#

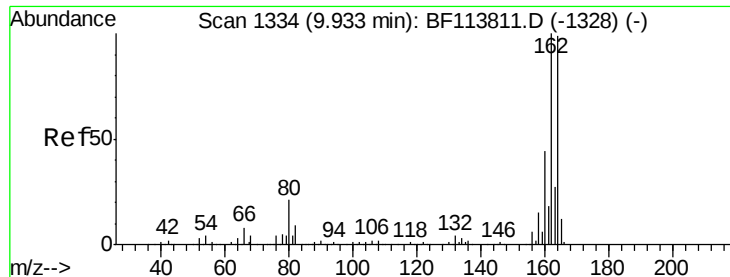


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

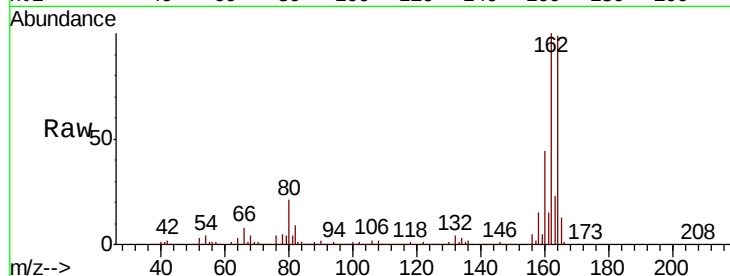




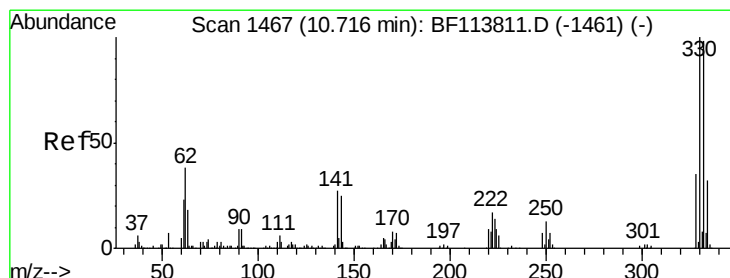
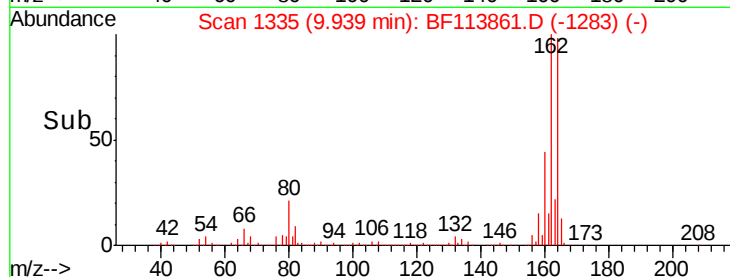
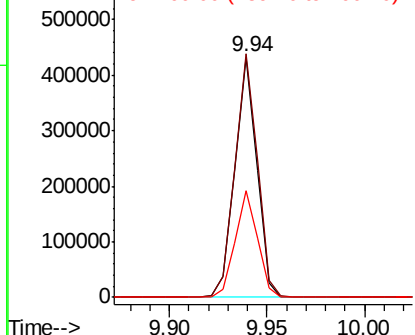
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
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ClientSampleId :
SA-06-041819-A

Tgt Ion:164 Resp: 336788
Ion Ratio Lower Upper
164 100
162 101.5 81.1 121.7
160 44.3 35.8 53.6

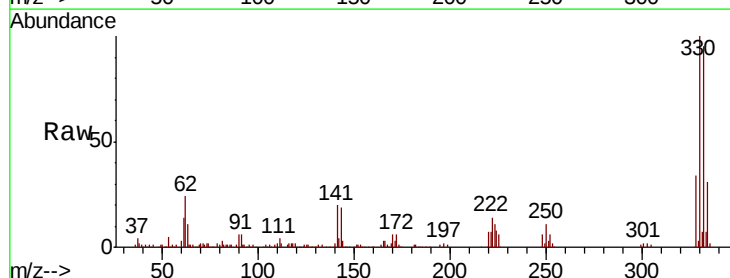


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

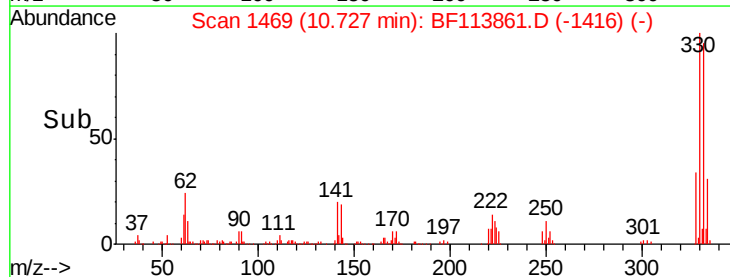
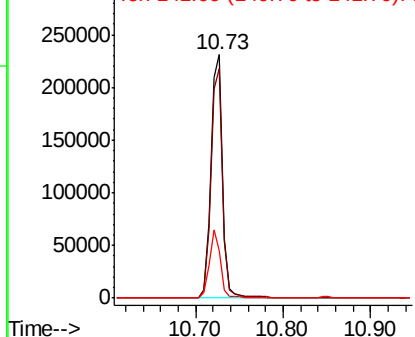


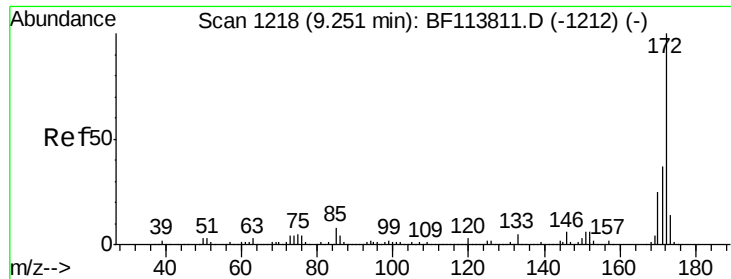
#42
2,4,6-Tribromophenol
Concen: 57.430 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion:330 Resp: 213691
Ion Ratio Lower Upper
330 100
332 94.2 77.5 116.3
141 27.0 22.2 33.2



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

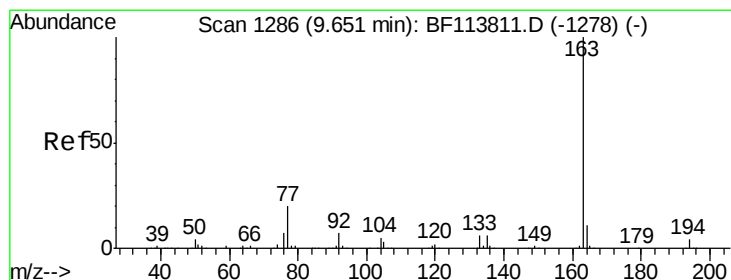
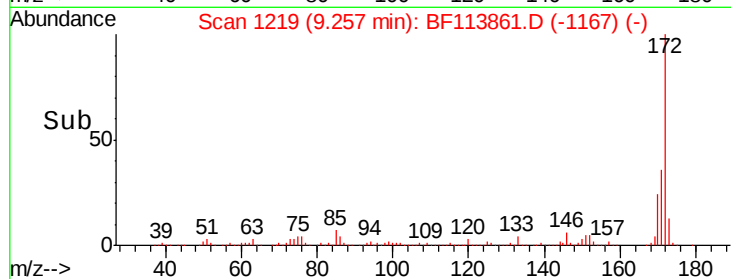
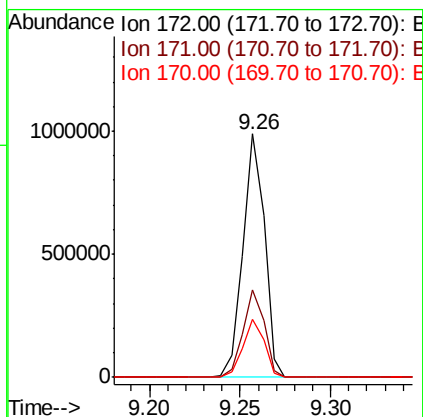
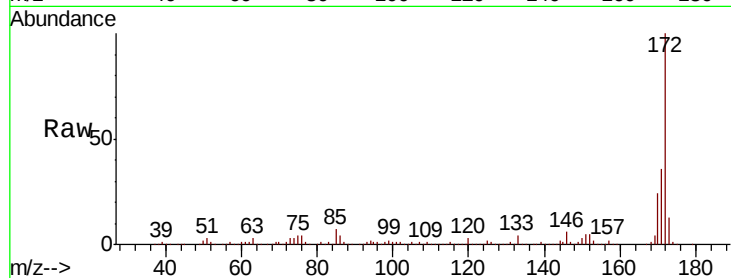




#45
2-Fluorobiphenyl
Concen: 37.108 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

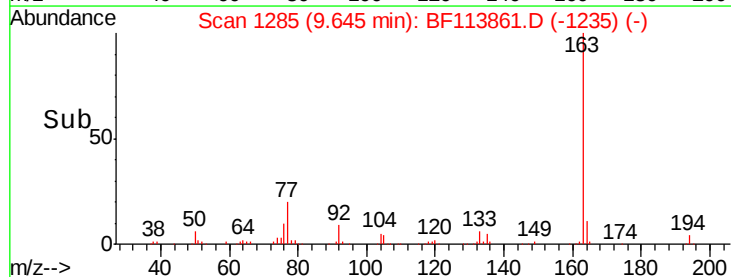
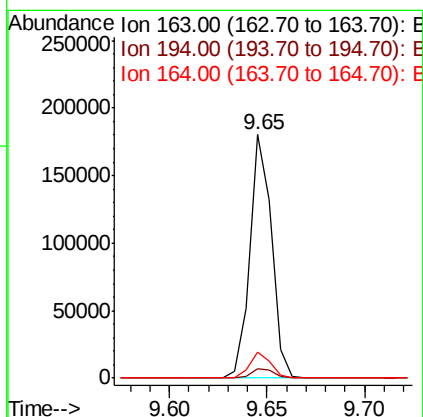
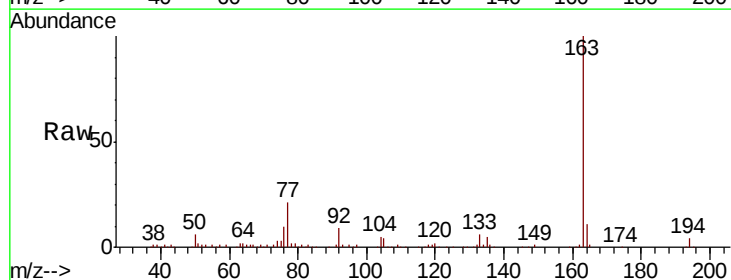
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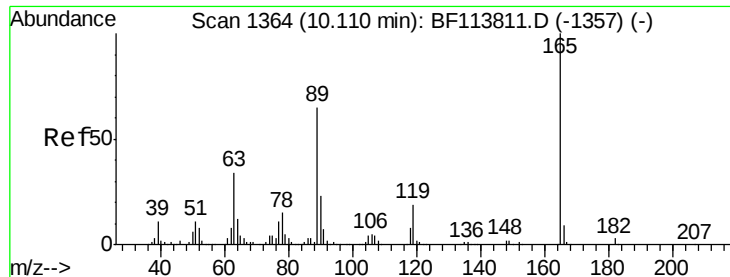
Tgt Ion:172 Resp: 819495
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.8 19.9 29.9



#50
Dimethylphthalate
Concen: 5.896 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion:163 Resp: 138961
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.7 8.5 12.7





#57

2,4-Dinitrotoluene

Concen: 6.897 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

Tgt Ion:165 Resp: 44506

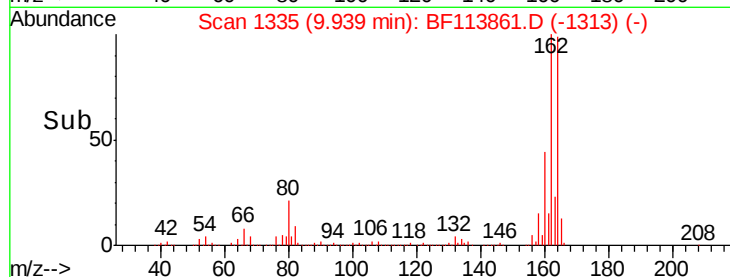
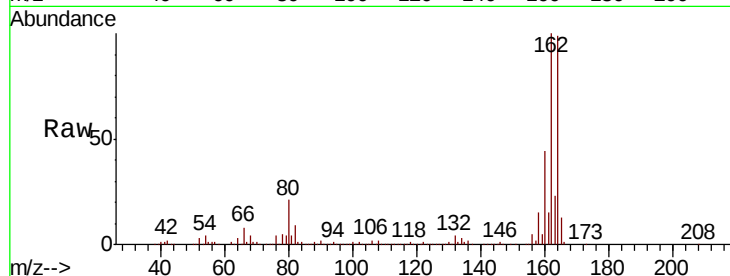
Ion Ratio Lower Upper

165 100

63 1.1 27.4 41.0#

89 1.3 51.8 77.6#

182 0.0 2.2 3.2#

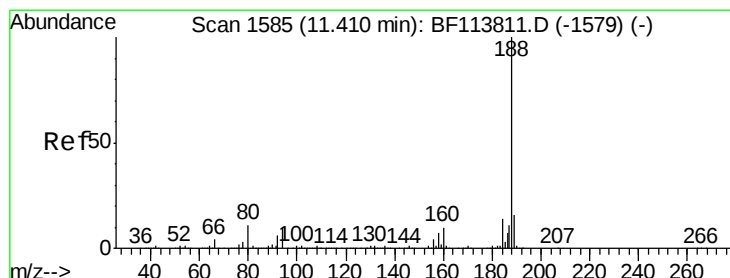
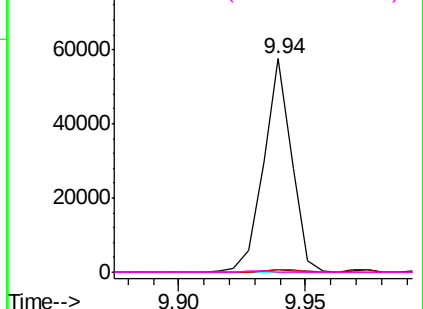


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

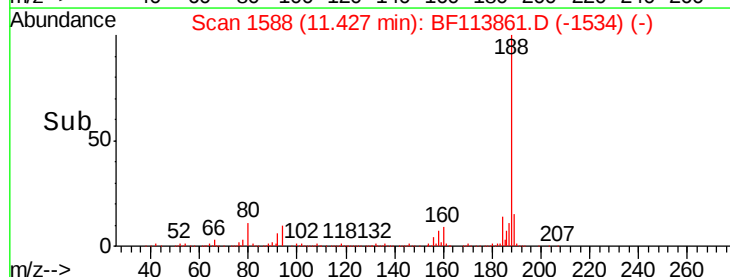
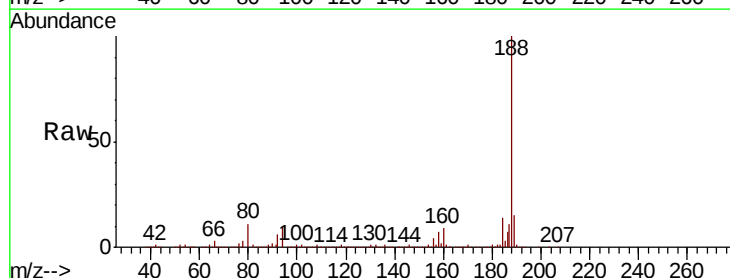
Tgt Ion:188 Resp: 631462

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

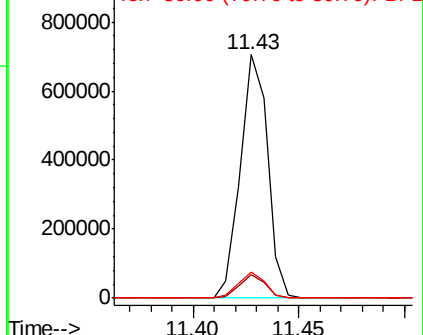
80 10.9 9.0 13.6

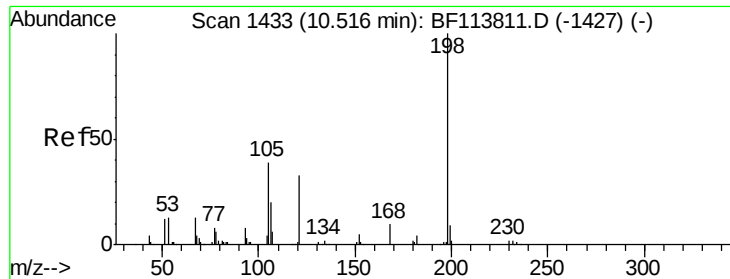


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

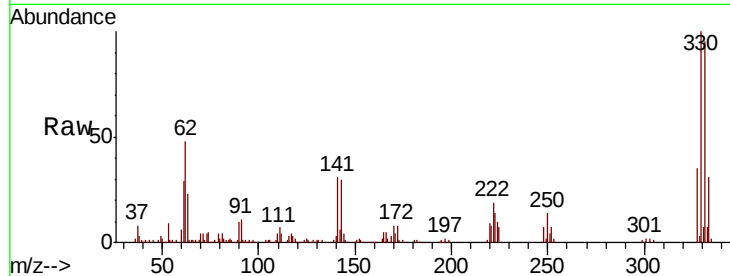




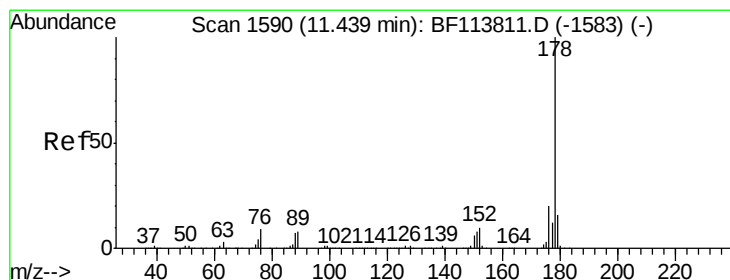
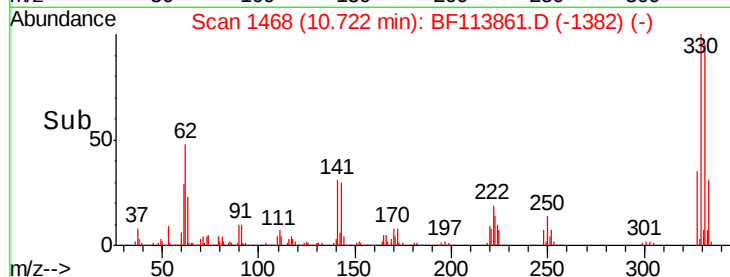
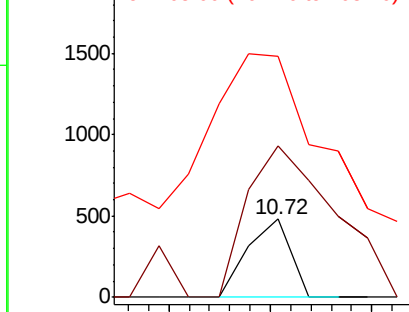
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.020 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.21 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-A

Tgt Ion:198 Resp: 282
 Ion Ratio Lower Upper
 198 100
 51 194.4 11.1 51.1#
 105 308.3 20.7 60.7#

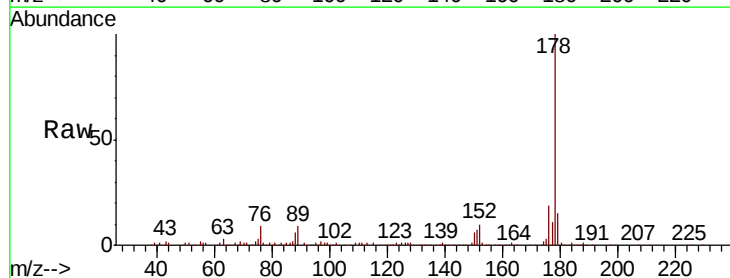


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

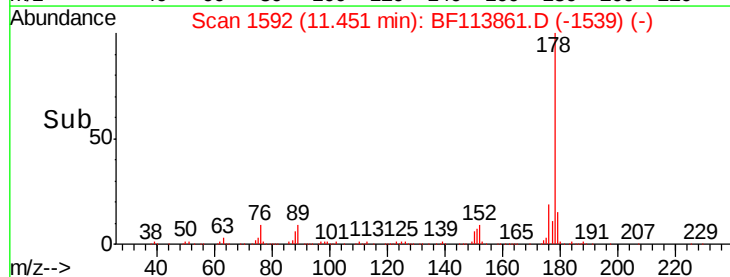
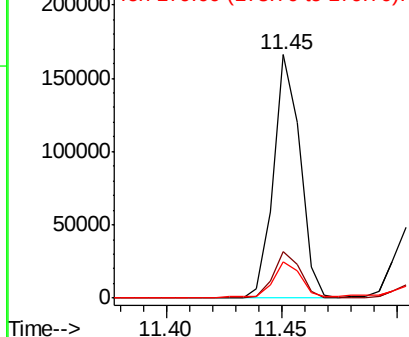


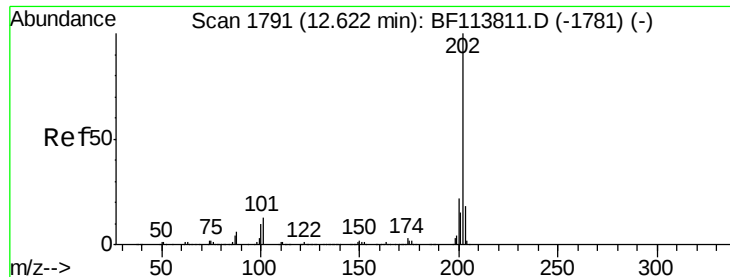
#71
 Phenanthrene
 Concen: 4.133 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113861.D
 Acq: 19 Apr 2019 16:29

Tgt Ion:178 Resp: 132910
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.1 24.1
 179 15.0 12.8 19.2



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





#75

Fluoranthene

Concen: 8.906 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.09 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

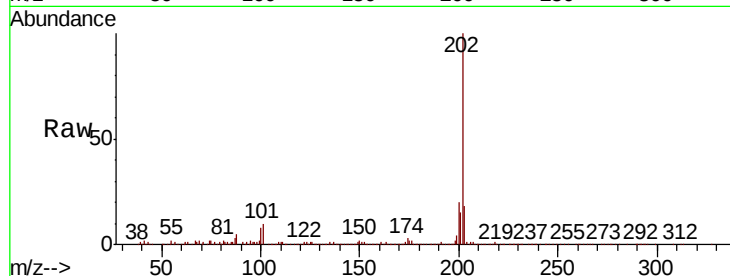
Tgt Ion:202 Resp: 303566

Ion Ratio Lower Upper

202 100

101 10.5 0.0 32.9

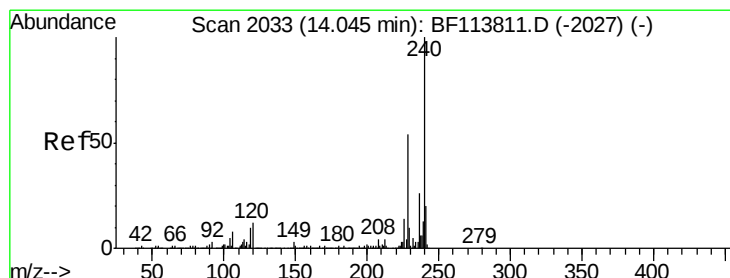
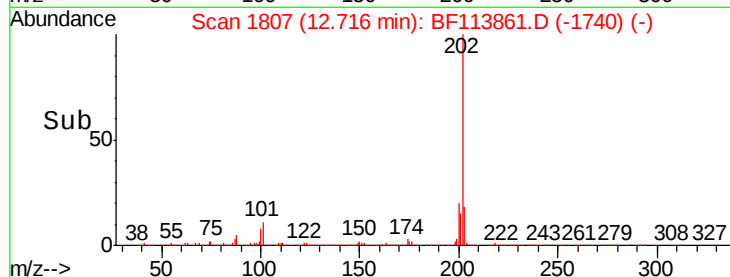
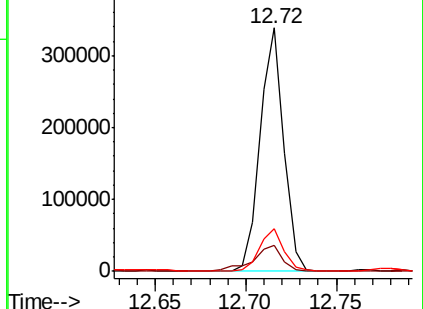
203 17.7 0.0 38.2



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: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

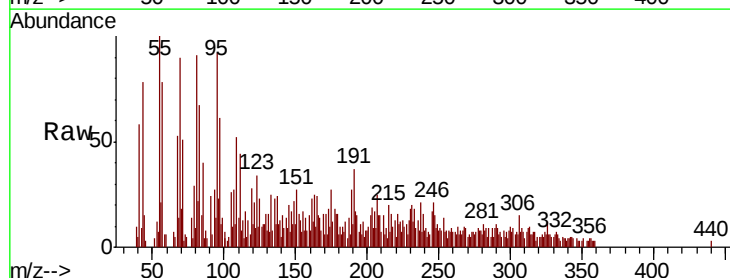
Tgt Ion:240 Resp: 696

Ion Ratio Lower Upper

240 100

120 128.0 9.3 13.9#

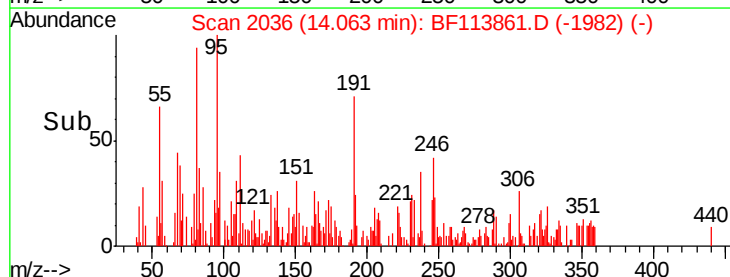
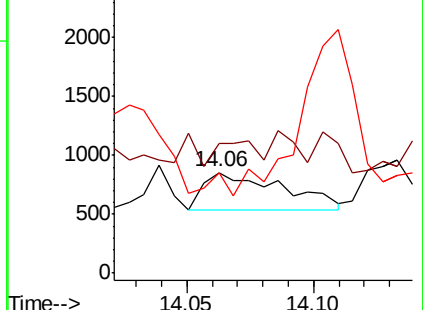
236 99.8 21.2 31.8#

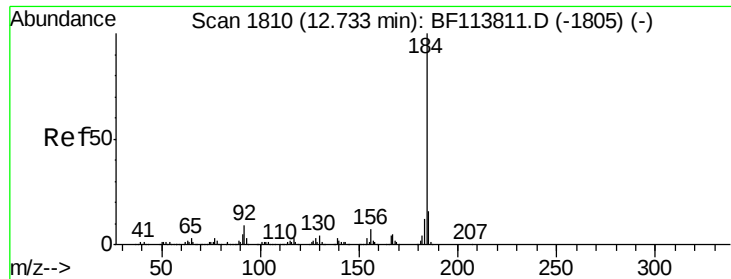


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.226 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

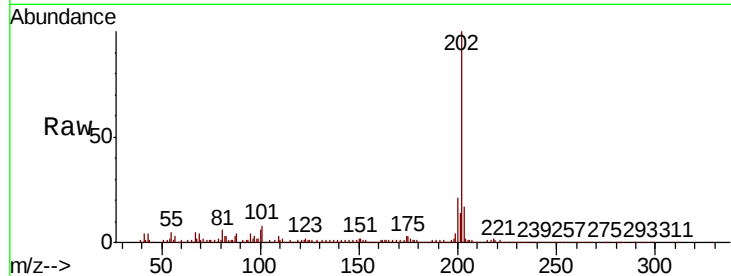
Tgt Ion:184 Resp: 593

Ion Ratio Lower Upper

184 100

185 107.4 13.0 19.6#

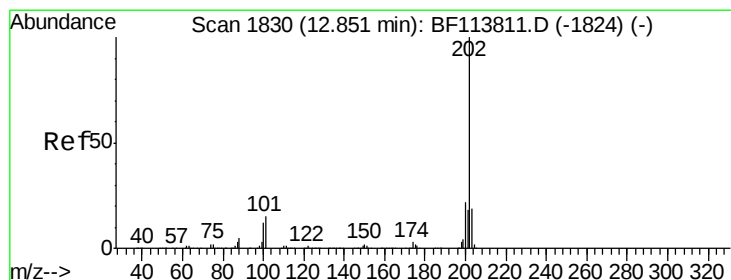
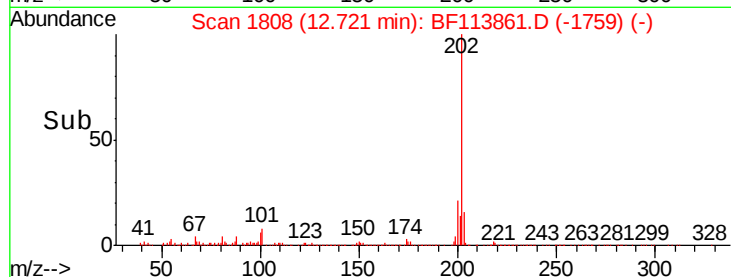
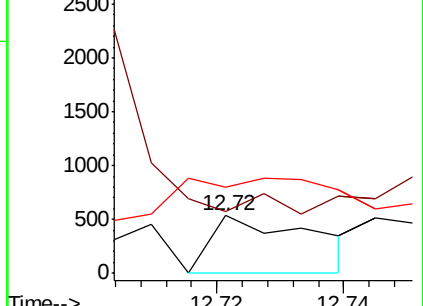
183 147.6 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5997.347 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.12 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

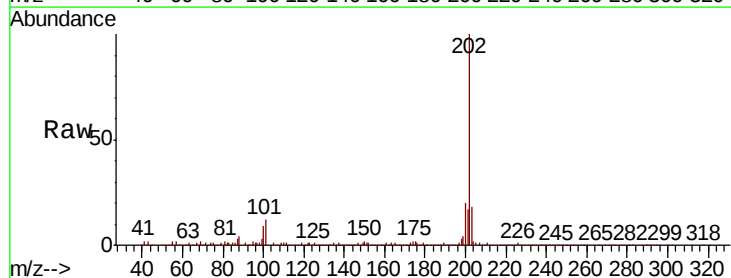
Tgt Ion:202 Resp: 294178

Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

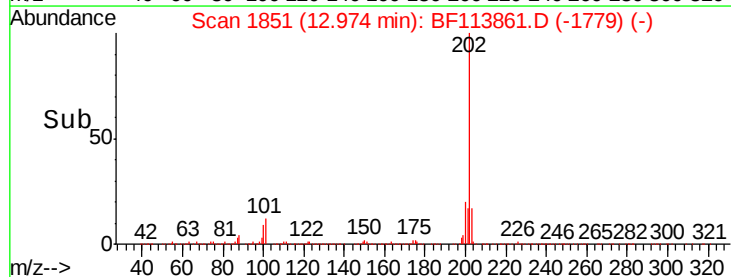
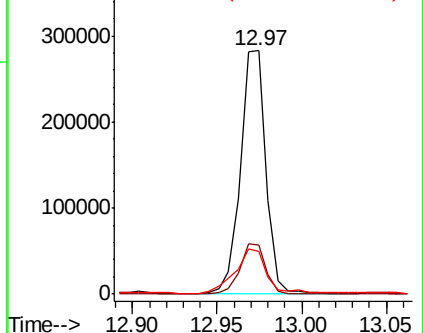
203 17.6 15.0 22.6

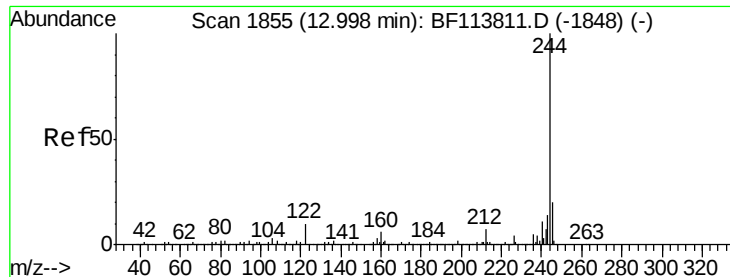


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 26833.050 ng

RT: 13.14 min Scan# 1879

Delta R.T. 0.14 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

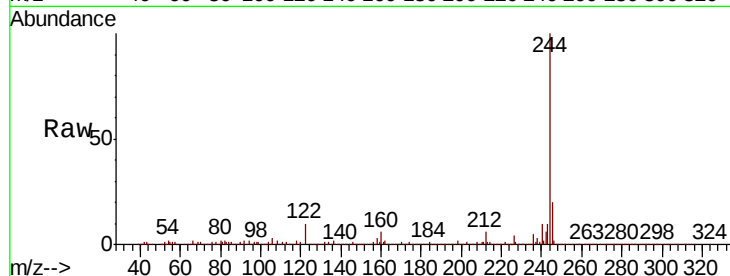
Tgt Ion:244 Resp: 890617

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

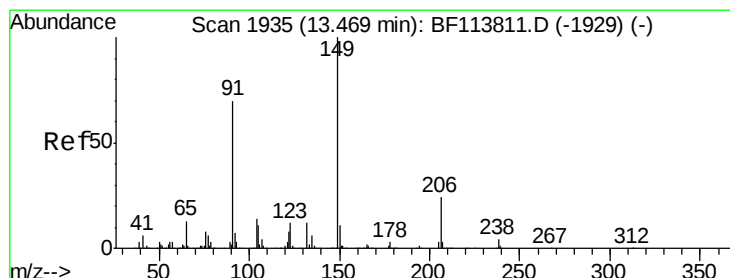
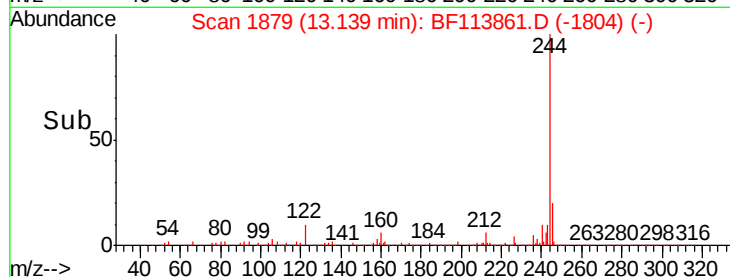
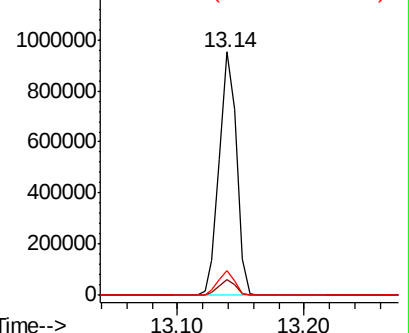
122 10.2 7.6 11.4



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

Butylbenzylphthalate

Concen: 67.967 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

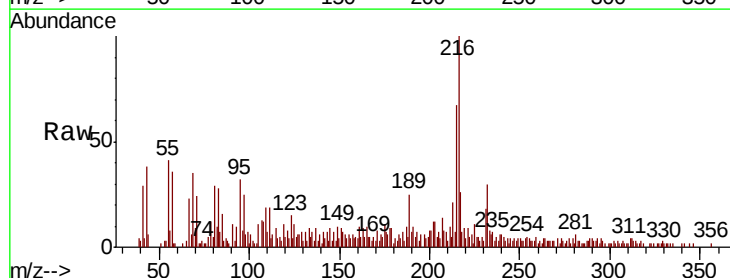
Tgt Ion:149 Resp: 1235

Ion Ratio Lower Upper

149 100

91 111.6 56.3 84.5#

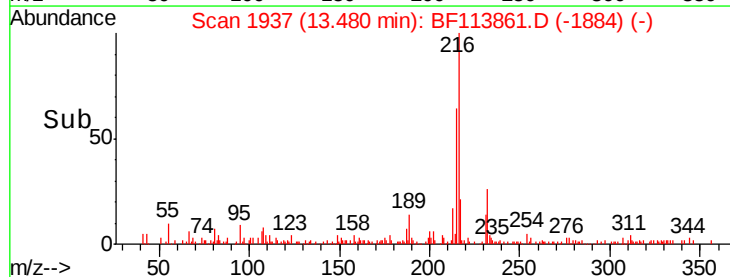
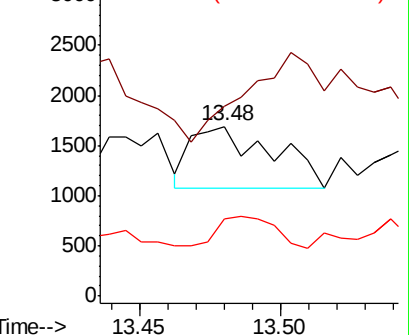
206 45.2 19.0 28.6#

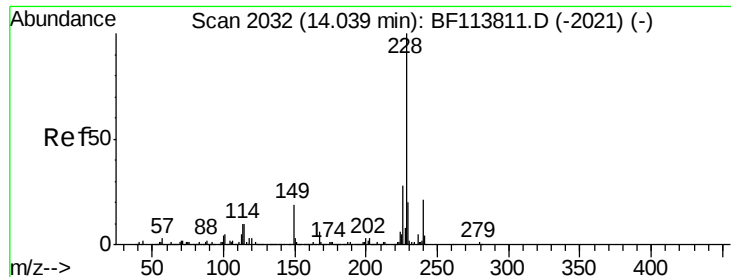


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

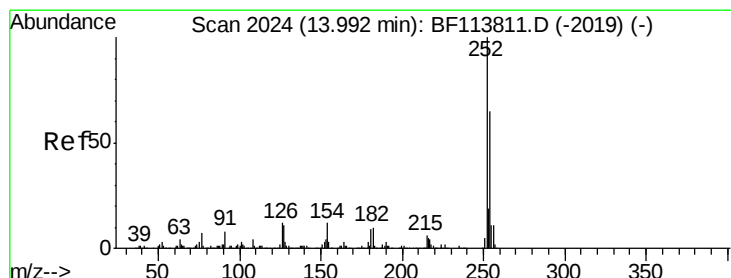
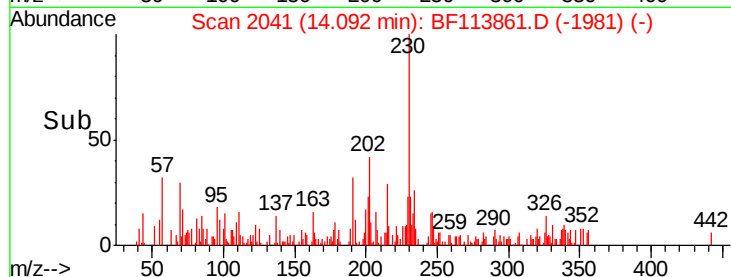
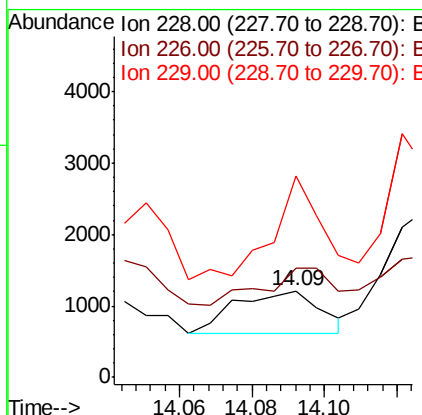
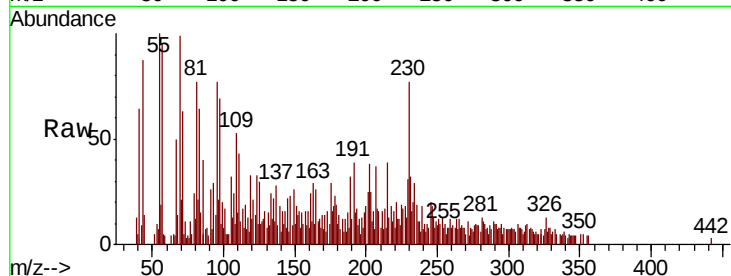




#81
Benzo(a)anthracene
Concen: 23.326 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.05 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

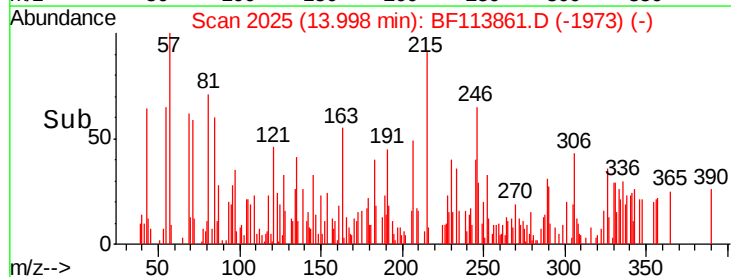
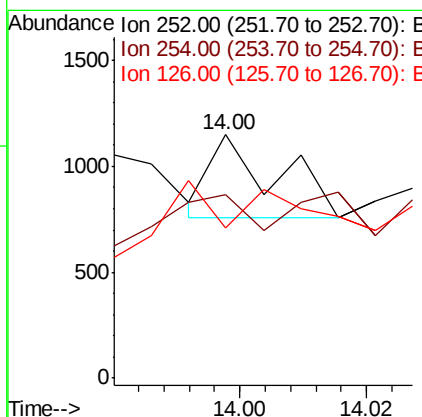
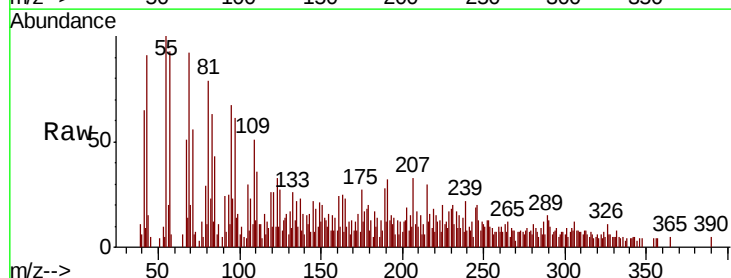
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

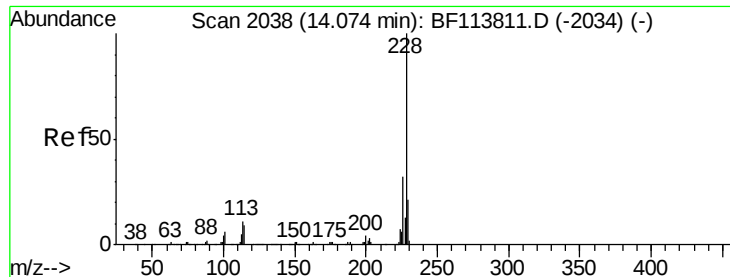
Tgt Ion:228 Resp: 949
Ion Ratio Lower Upper
228 100
226 126.3 22.2 33.2#
229 233.2 16.0 24.0#



#82
3,3'-Dichlorobenzidine
Concen: 19.294 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion:252 Resp: 279
Ion Ratio Lower Upper
252 100
254 75.4 52.1 78.1
126 61.8 9.3 13.9#

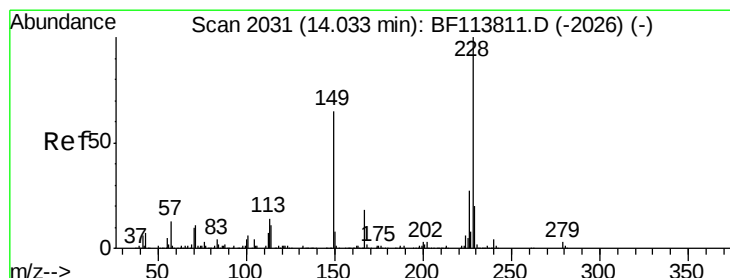
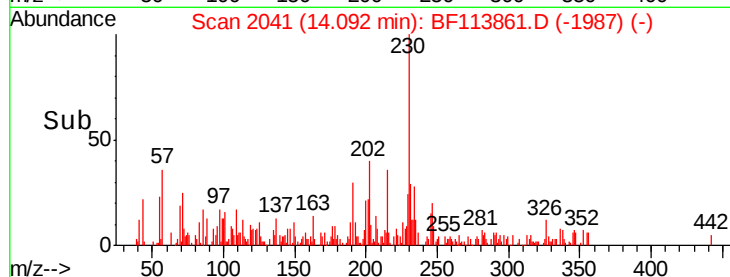
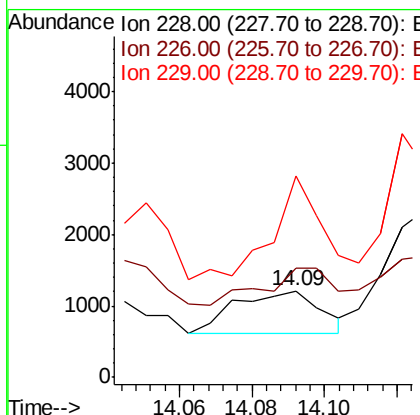
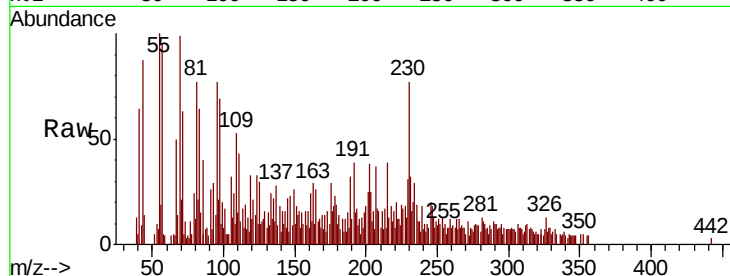




#83
Chrysene
Concen: 23.501 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

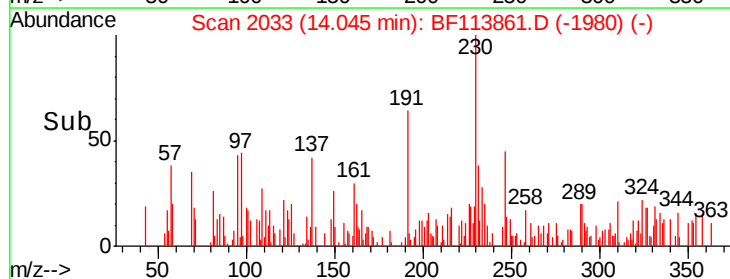
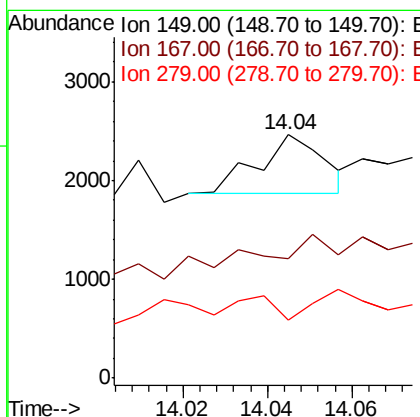
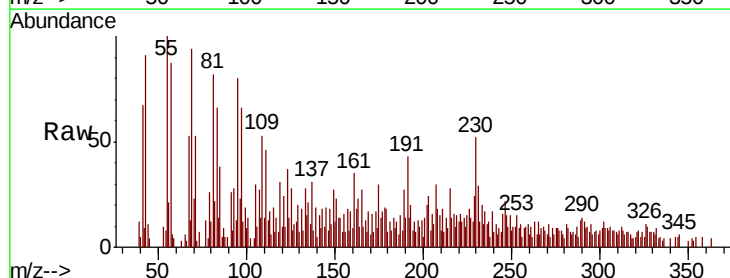
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

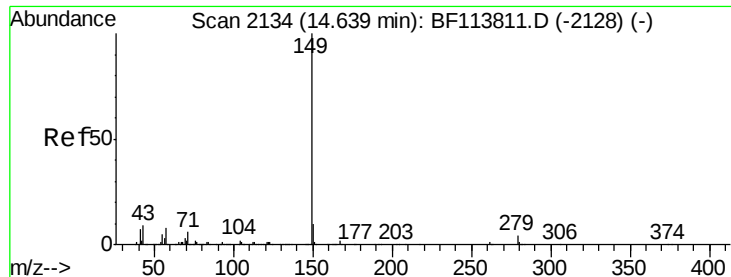
Tgt Ion: 228 Resp: 949
Ion Ratio Lower Upper
228 100
226 126.3 25.2 37.8#
229 233.2 16.7 25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 30.316 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion: 149 Resp: 659
Ion Ratio Lower Upper
149 100
167 49.3 22.9 34.3#
279 23.8 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 11.741 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

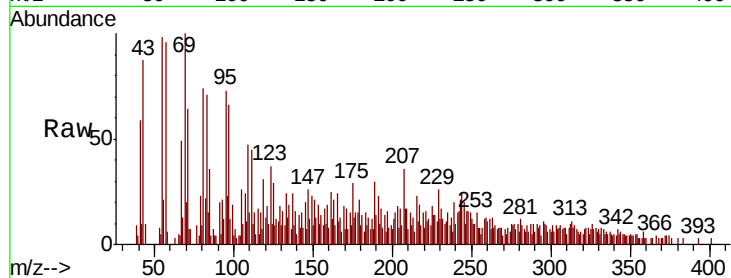
Tgt Ion:149 Resp: 396

Ion Ratio Lower Upper

149 100

167 147.7 1.3 1.9#

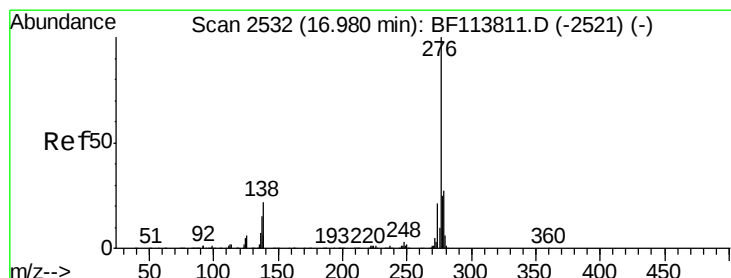
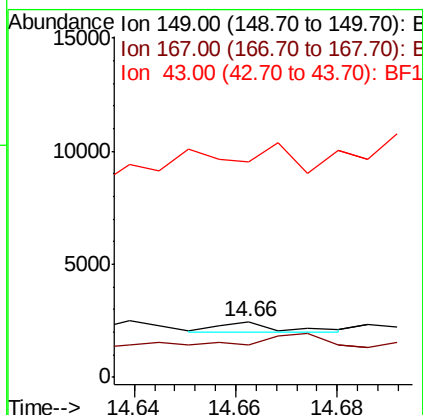
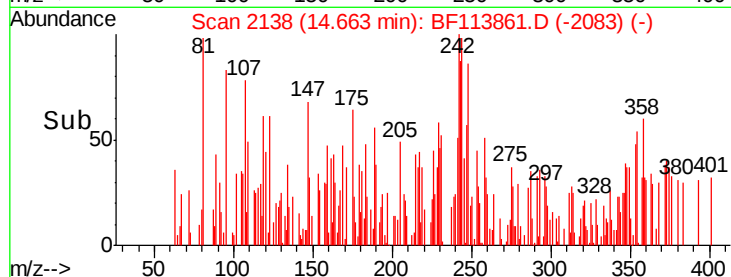
43 0.0 6.6 10.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 4.247 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

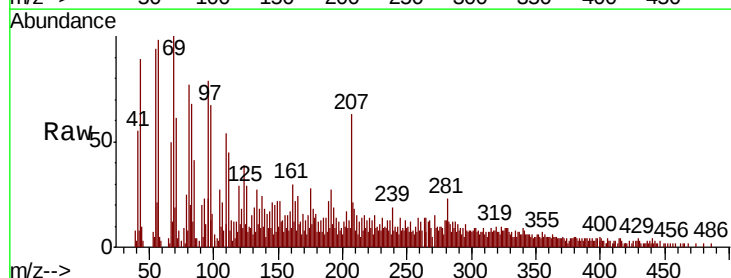
Tgt Ion:276 Resp: 140

Ion Ratio Lower Upper

276 100

138 511.4 19.6 29.4#

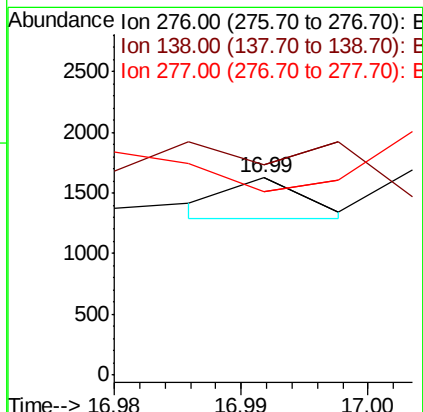
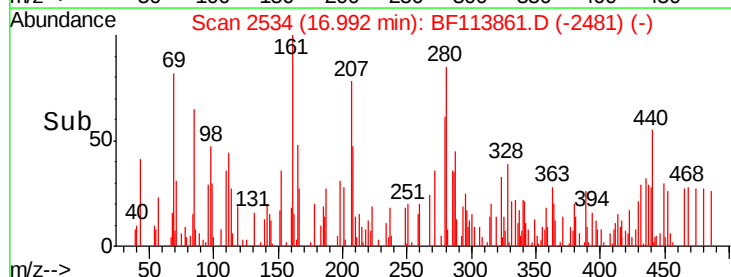
277 497.1 20.2 30.4#

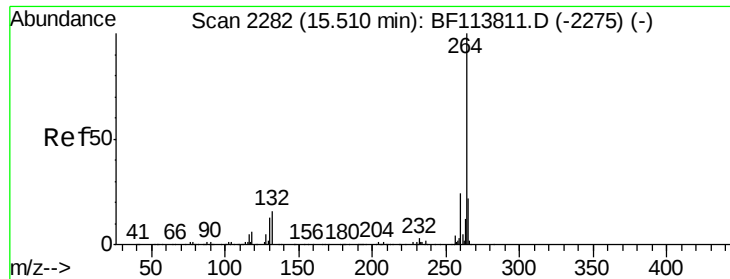


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



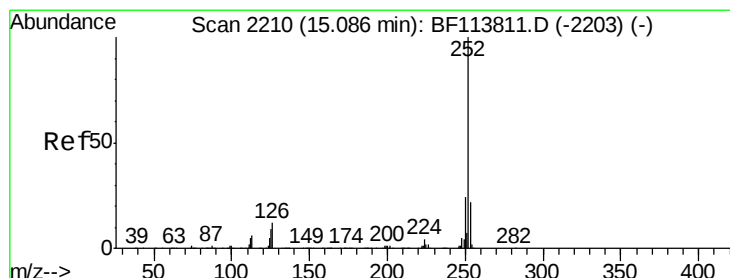
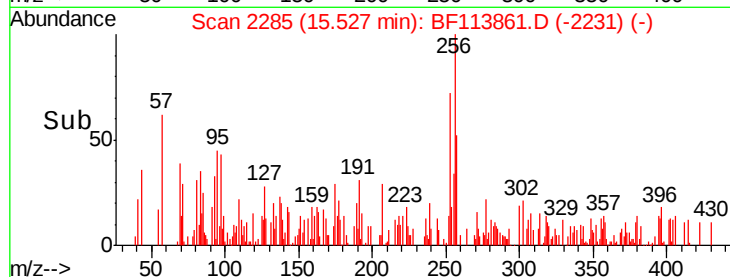
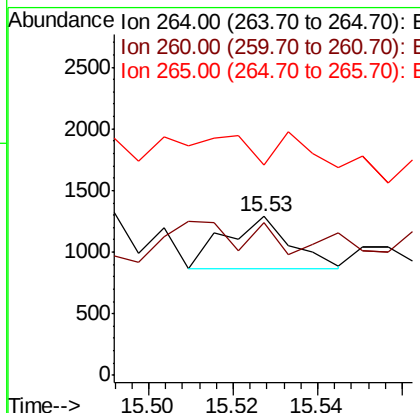
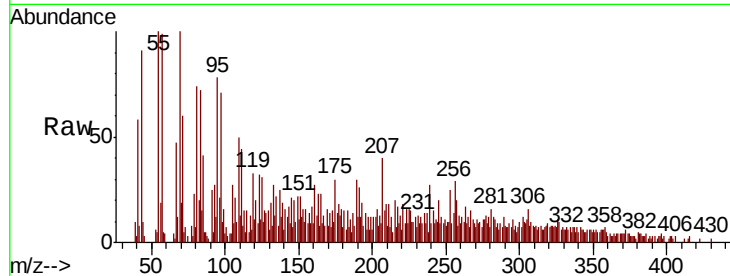


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.02 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-A

Tgt Ion: 264 Resp: 449

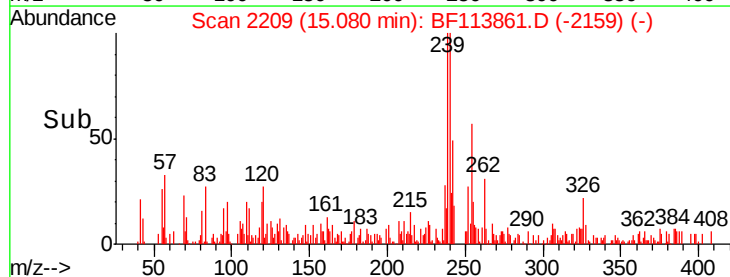
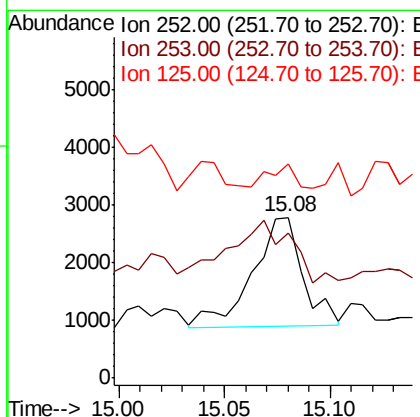
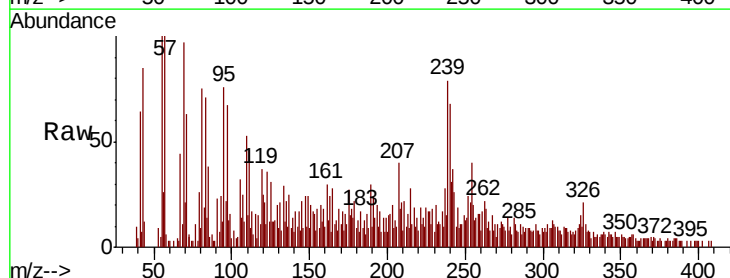
Ion	Ratio	Lower	Upper
264	100		
260	95.9	18.9	28.3#
265	132.8	17.3	25.9#

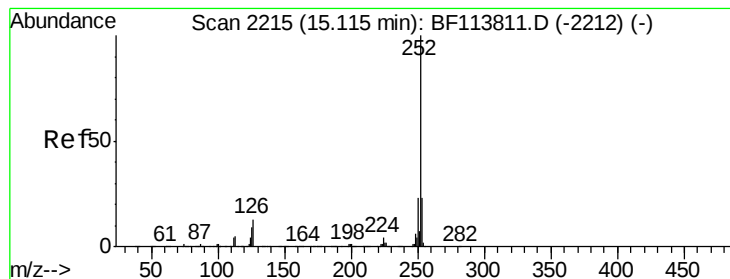


#88
Benzo(b)fluoranthene
Concen: 111.251 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF113861.D
Acq: 19 Apr 2019 16:29

Tgt Ion: 252 Resp: 3114

Ion	Ratio	Lower	Upper
252	100		
253	90.2	17.8	26.6#
125	132.8	7.0	10.6#





#89

Benzo(k)fluoranthene

Concen: 50.561 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.05 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

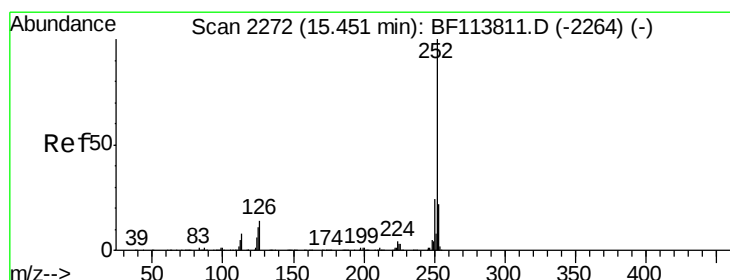
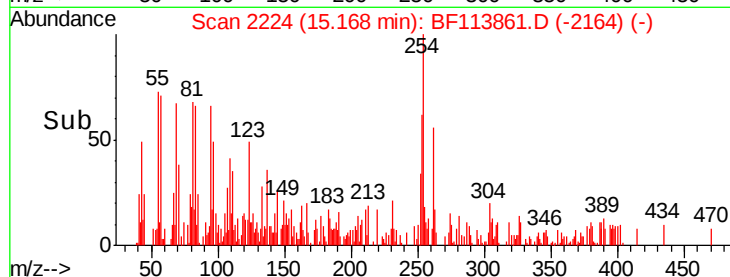
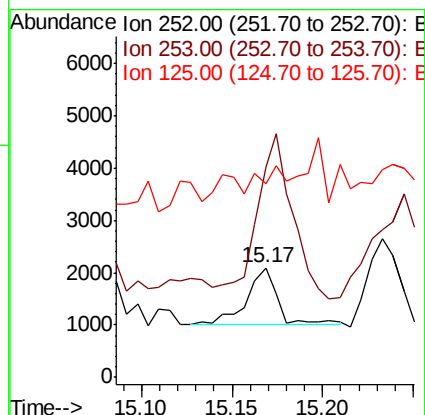
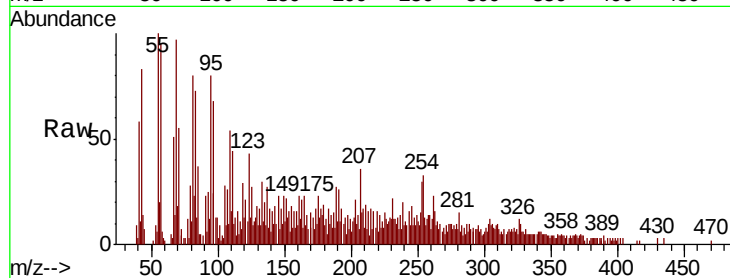
Tgt Ion:252 Resp: 1289

Ion Ratio Lower Upper

252 100

253 192.1 18.2 27.2#

125 177.3 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 19.272 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.04 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

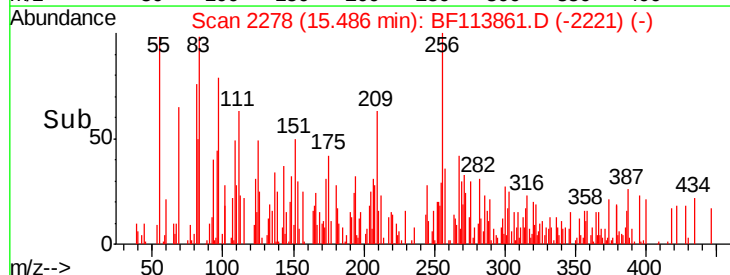
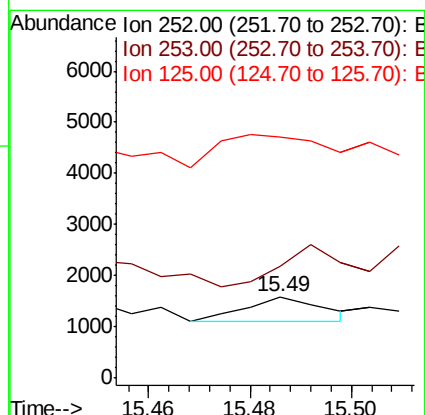
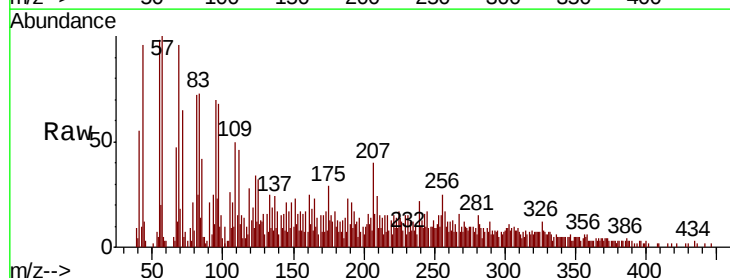
Tgt Ion:252 Resp: 477

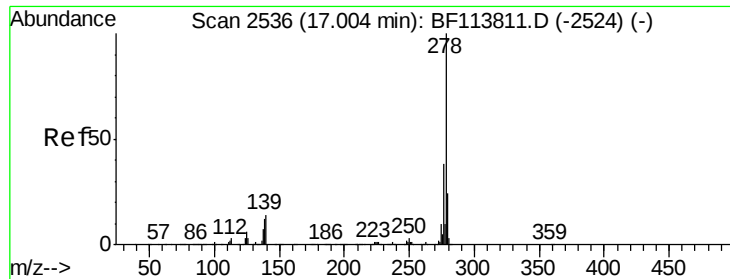
Ion Ratio Lower Upper

252 100

253 138.3 17.5 26.3#

125 297.1 8.5 12.7#





#91

Dibenzo(a,h)anthracene

Concen: 17.119 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

Instrument :

BNA_F

ClientSampleId :

SA-06-041819-A

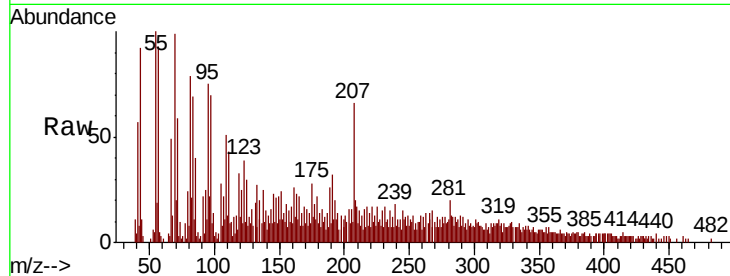
Tgt Ion:278 Resp: 377

Ion Ratio Lower Upper

278 100

139 178.0 11.6 17.4#

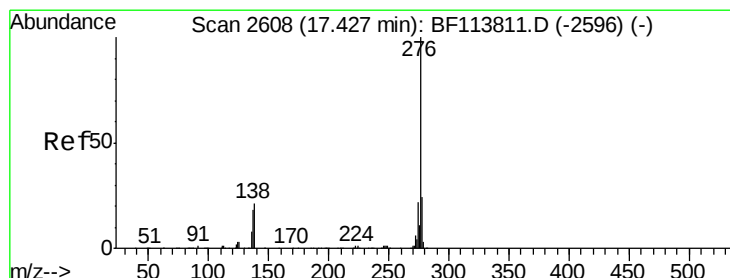
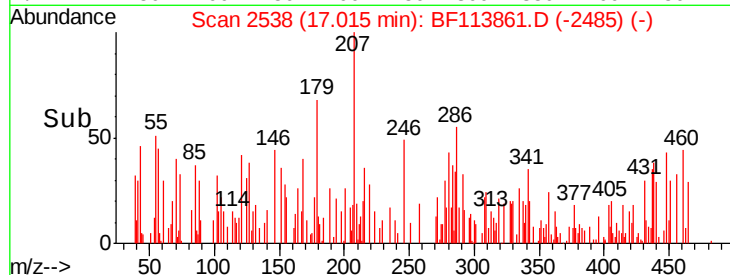
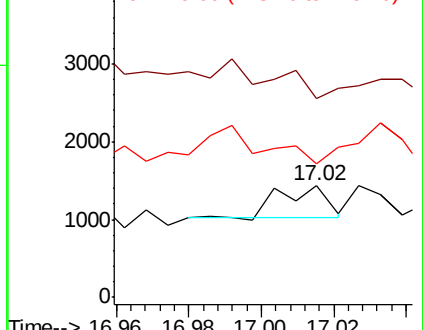
279 120.2 19.0 28.6#



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: 145.151 ng

RT: 17.42 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BF113861.D

Acq: 19 Apr 2019 16:29

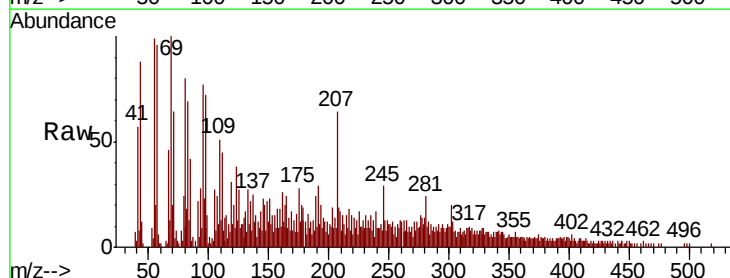
Tgt Ion:276 Resp: 3249

Ion Ratio Lower Upper

276 100

277 92.5 19.0 28.4#

138 80.0 16.6 25.0#



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

