

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102471.D
 Acq On : 26 Jan 2018 16:27
 Operator : SJ/JU
 Sample : J1020-11 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 17:11:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170046	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	676936	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	270409	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	379613	20.00	ng	0.00
75) Chrysene-d12	13.90	240	278503	20.00	ng	0.02
86) Perylene-d12	15.33	264	218621	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	594761	53.03	ng	0.01
7) Phenol-d6	6.36	99	725989	53.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	342714	29.09	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	81576	30.45	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	677712	36.85	ng	0.00
78) Terphenyl-d14	12.83	244	464601	37.61	ng	0.00

Target Compounds

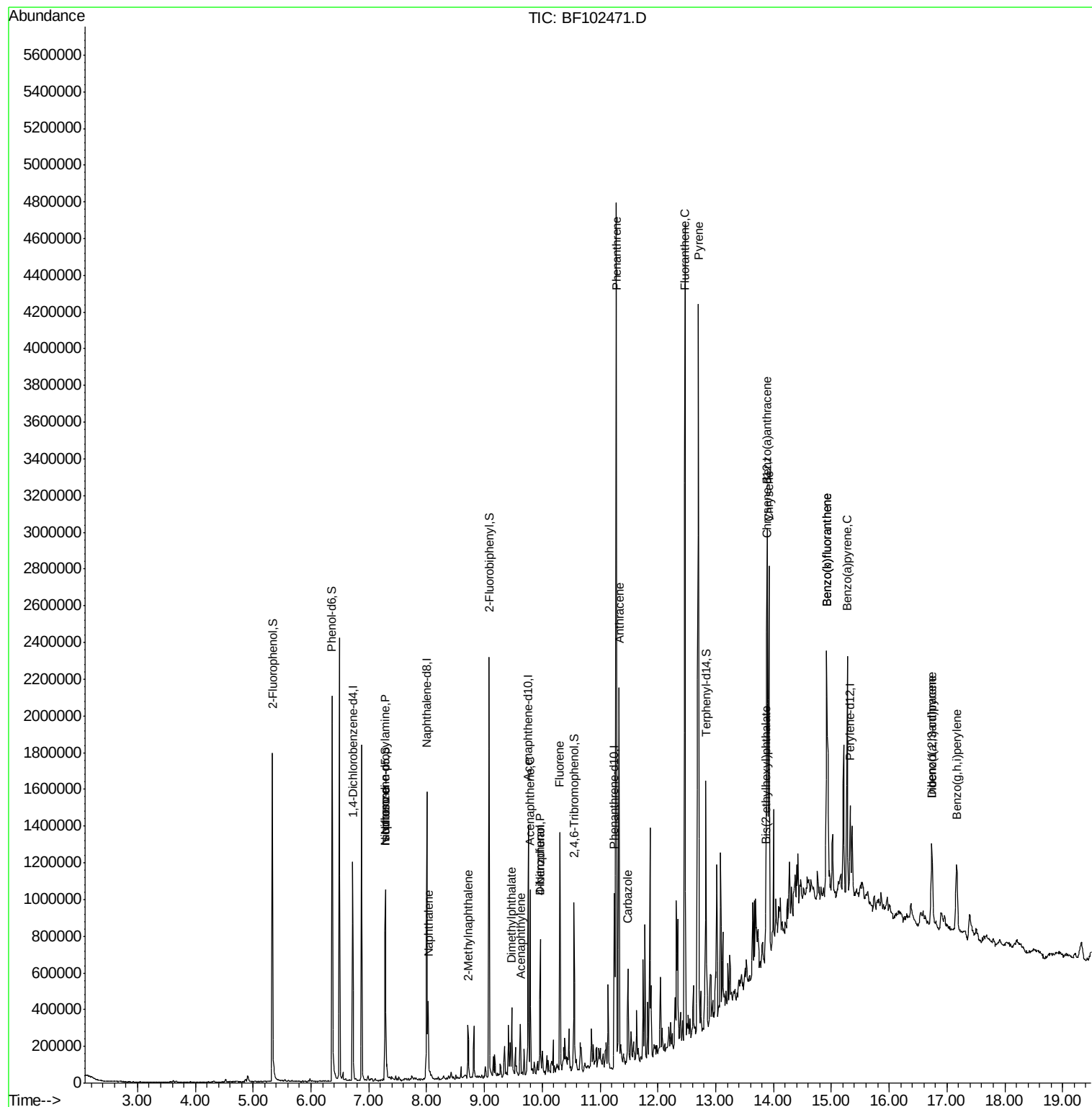
						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	44214	5.344	ng	# 81
25) Isophorone	7.29	82	339639	16.173	ng	# 64
31) Naphthalene	8.03	128	179756	5.318	ng	99
37) 2-Methylnaphthalene	8.72	142	79724	3.542	ng	98
48) Acenaphthylene	9.62	152	106577	3.640	ng	99
49) Dimethylphthalate	9.47	163	112399	5.029	ng	100
51) Acenaphthene	9.79	154	196346	11.482	ng	99
54) Dibenzofuran	9.96	168	247168	10.680	ng	99
55) 4-Nitrophenol	9.96	139	95420	25.357	ng	# 10
57) Fluorene	10.31	166	400197	21.823	ng	97
70) Phenanthrene	11.28	178	1992577	90.077	ng	99
71) Anthracene	11.33	178	784005	34.723	ng	98
72) Carbazole	11.48	167	195036	8.854	ng	99
74) Fluoranthene	12.47	202	2247080	99.614	ng	98
77) Pyrene	12.70	202	2026984	94.134	ng	99
80) Benzo(a)anthracene	13.89	228	946674	55.211	ng	97
82) Chrysene	13.92	228	779616	44.774	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	34366	2.386	ng	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	303413	21.100	ng	97
87) Benzo(b)fluoranthene	14.92	252	1122088	79.188	ng	# 95
88) Benzo(k)fluoranthene	14.92	252	1122088	83.816	ng	98
89) Benzo(a)pyrene	15.27	252	598532	46.835	ng	# 95
90) Dibenzo(a,h)anthracene	16.74	278	72112	6.966	ng	# 78
91) Benzo(g,h,i)perylene	17.17	276	309159	30.246	ng	94

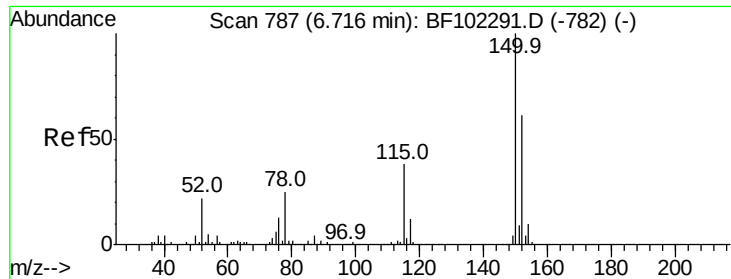
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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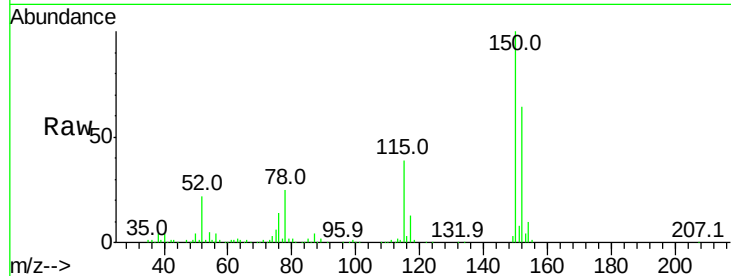


#1

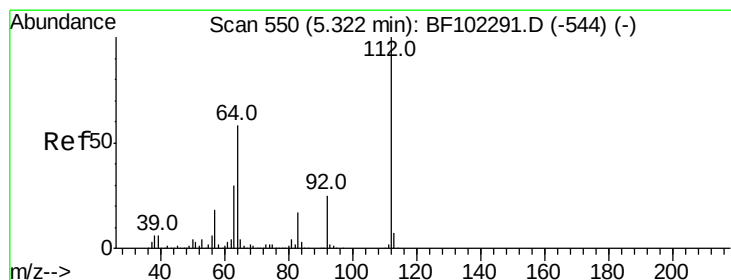
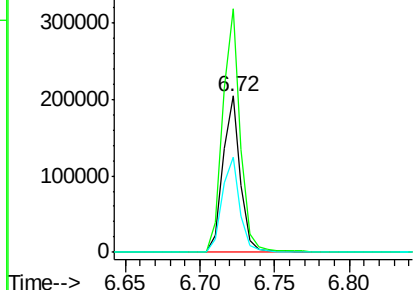
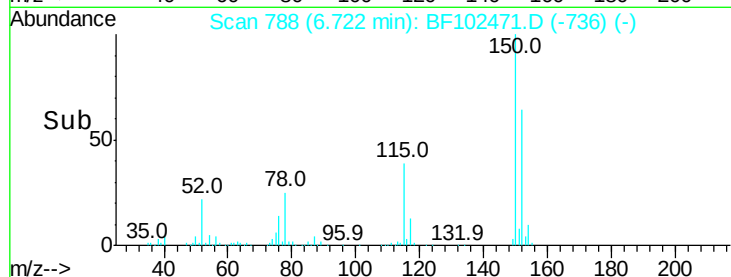
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170046
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 61.0 50.1 75.1



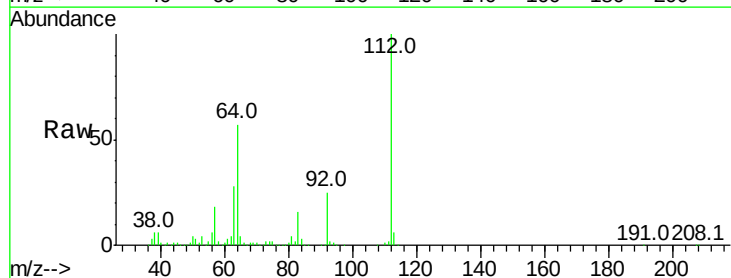
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



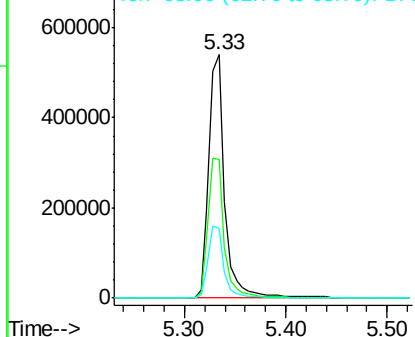
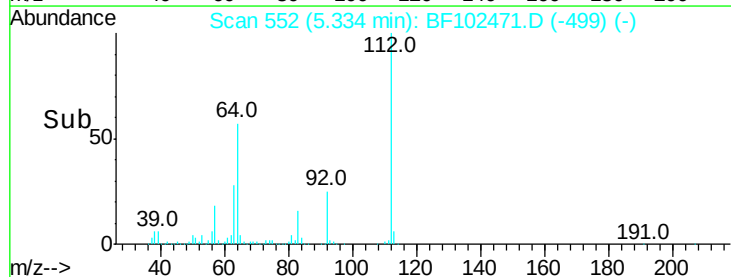
#5

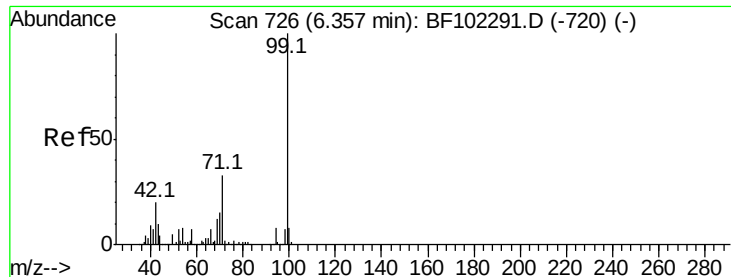
2-Fluorophenol
Concen: 53.033 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:112 Resp: 594761
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.5 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: 53.695 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampled :

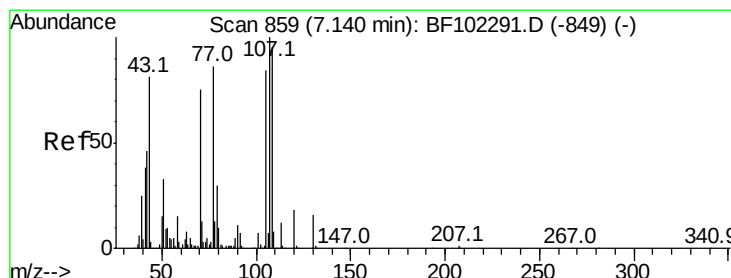
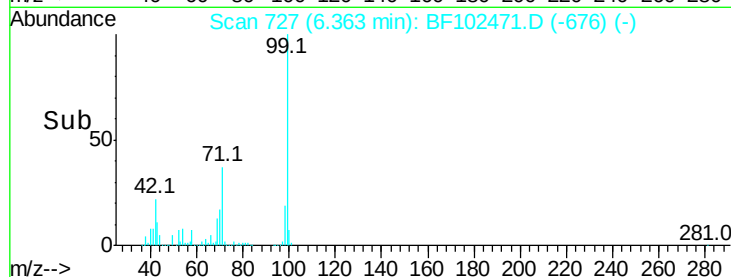
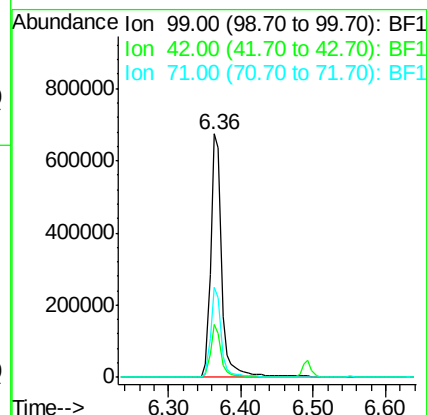
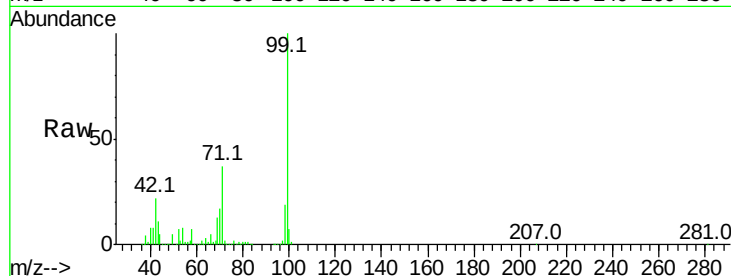
Tot Ion: 99 Resp: 725989

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

71 36.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.344 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Tgt Ion: 70 Resp: 44214

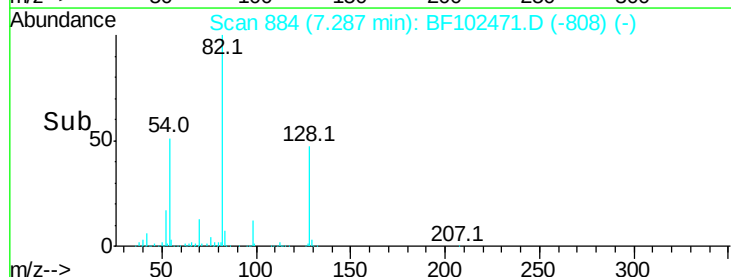
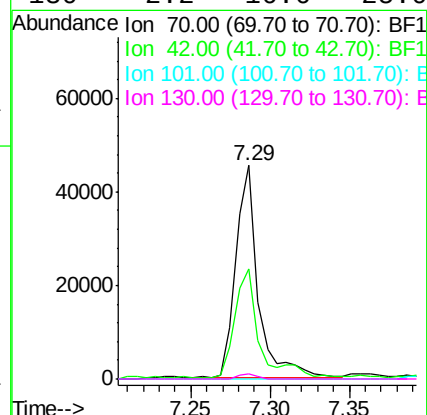
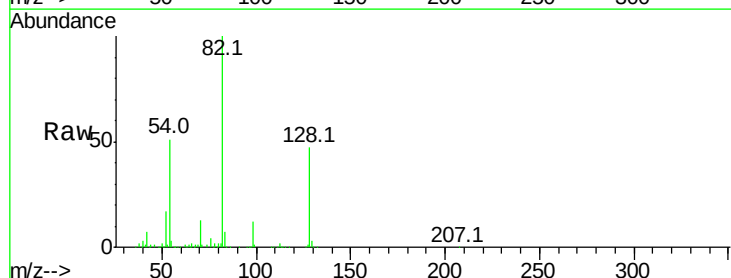
Ion Ratio Lower Upper

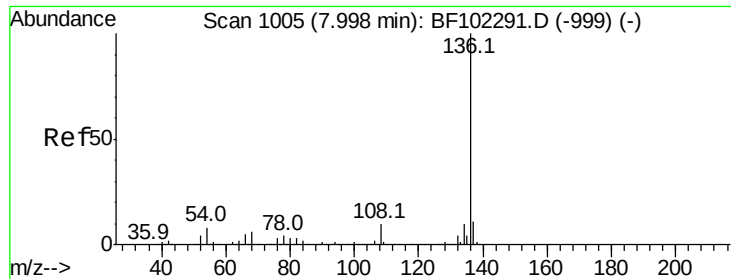
70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

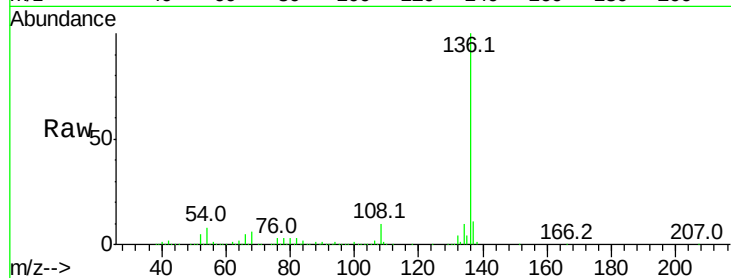




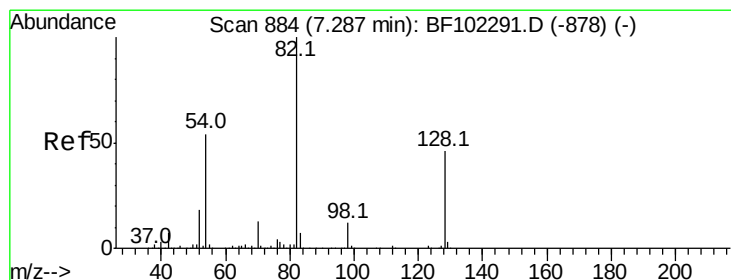
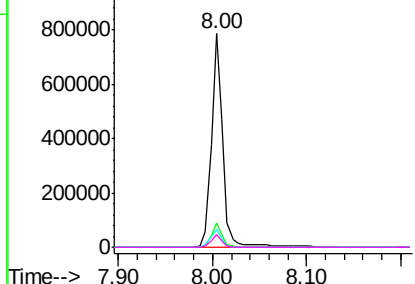
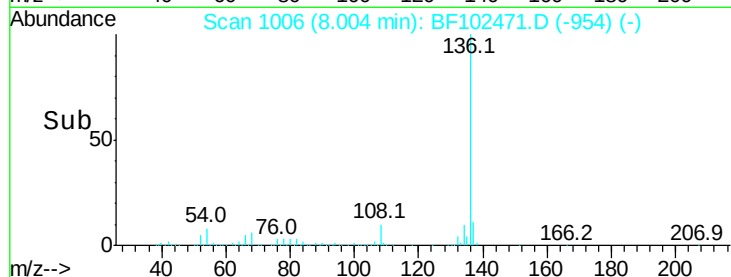
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	676936
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 8.5	6.6	9.8
68 5.9	5.0	7.4

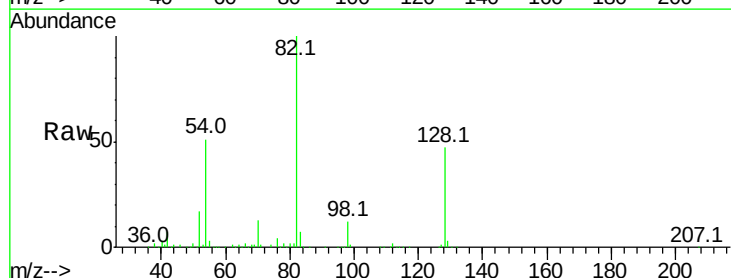


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

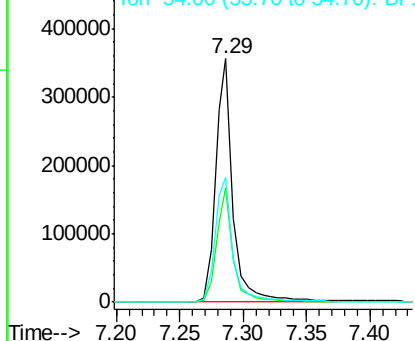
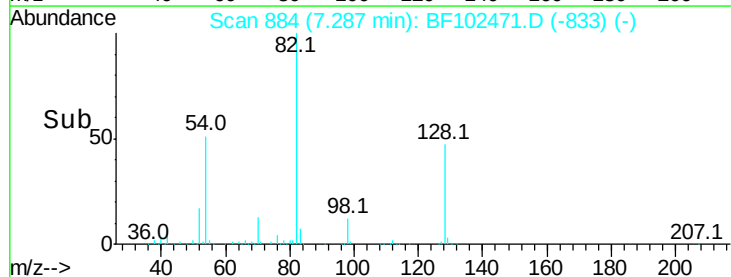


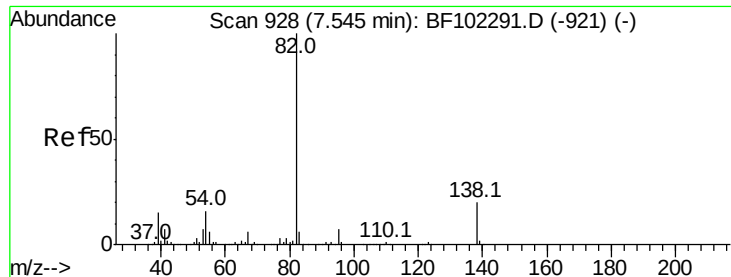
#23
Nitrobenzene-d5
Concen: 29.094 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion: 82	Resp:	342714
Ion Ratio	Lower	Upper
82 100		
128 47.0	36.1	54.1
54 51.0	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

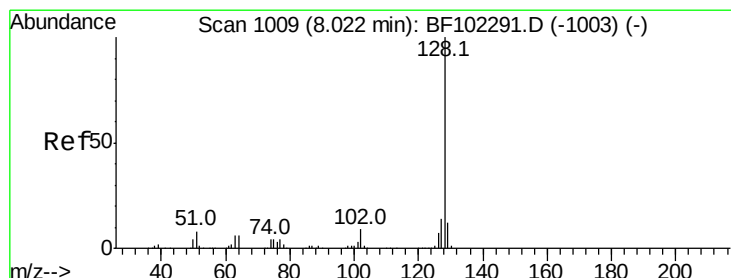
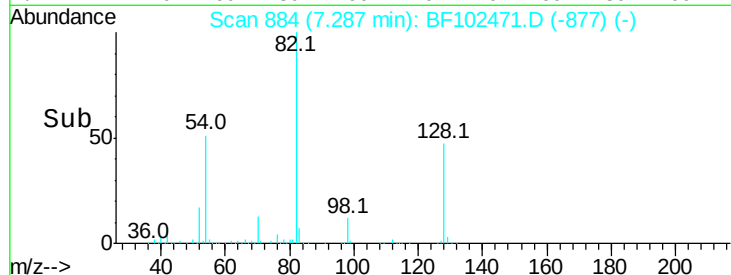
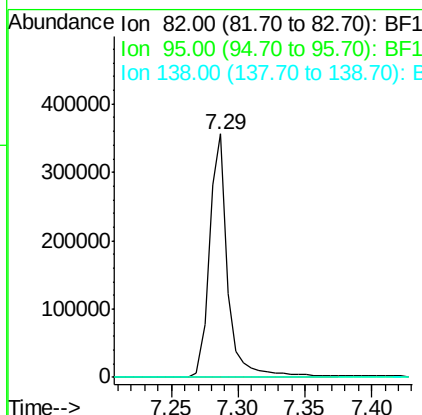
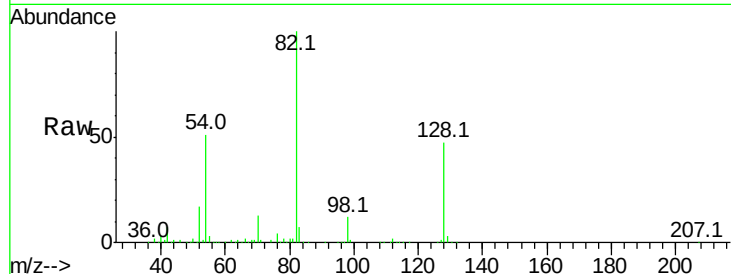




#25
Isophorone
Concen: 16.173 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

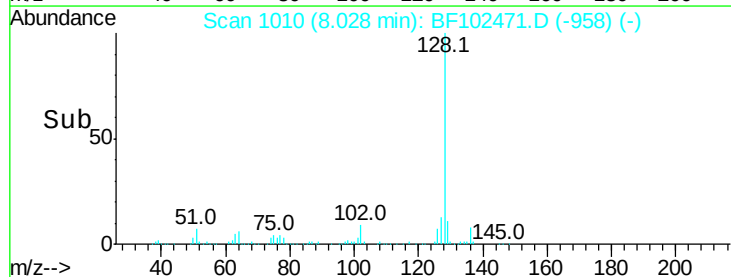
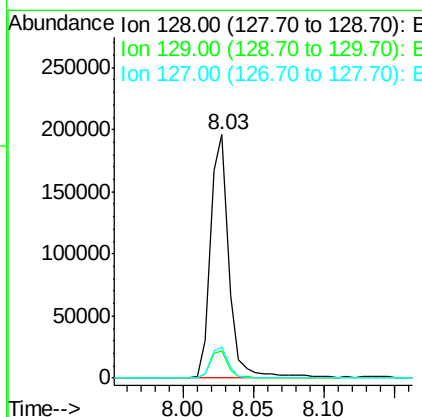
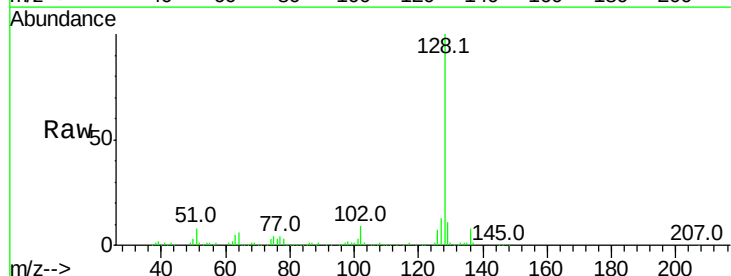
Instrument :
BNA_F
ClientSampled :

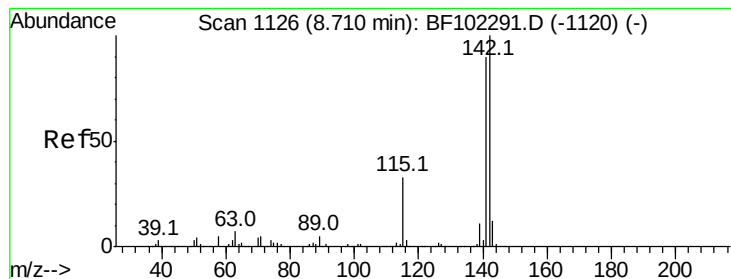
Tot Ion: 82 Resp: 339639
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 5.318 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion: 128 Resp: 179756
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.9 16.3





#37

2-Methylnaphthalene

Concen: 3.542 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

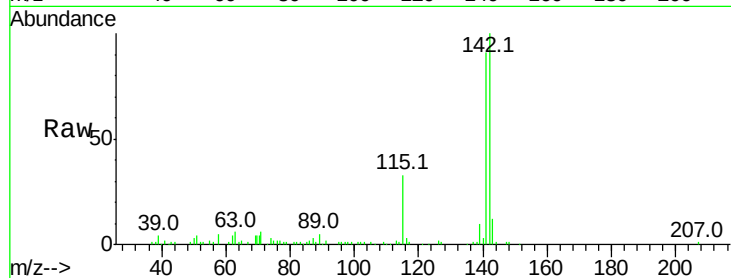
Tot Ion:142 Resp: 79724

Ion Ratio Lower Upper

142 100

141 91.1 70.8 106.2

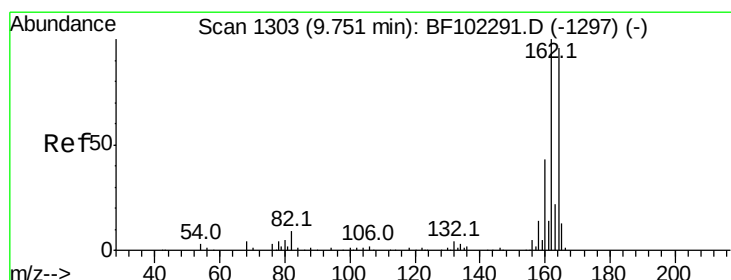
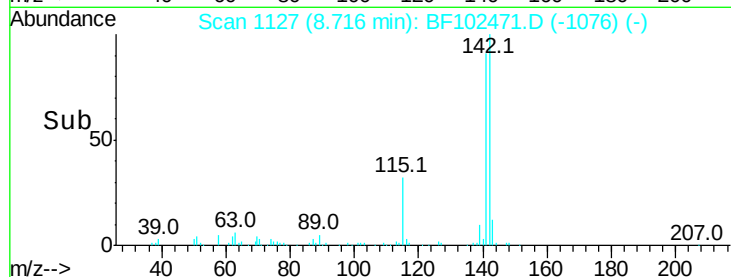
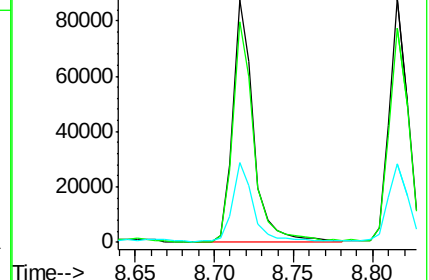
115 32.8 26.1 39.1



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: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

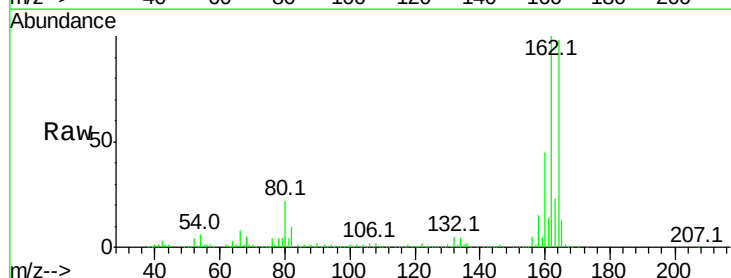
Tgt Ion:164 Resp: 270409

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

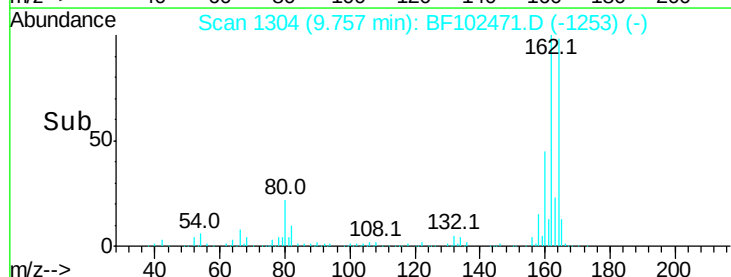
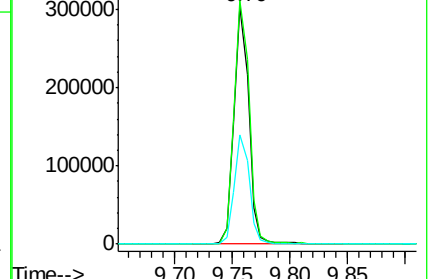
160 45.7 38.3 57.5

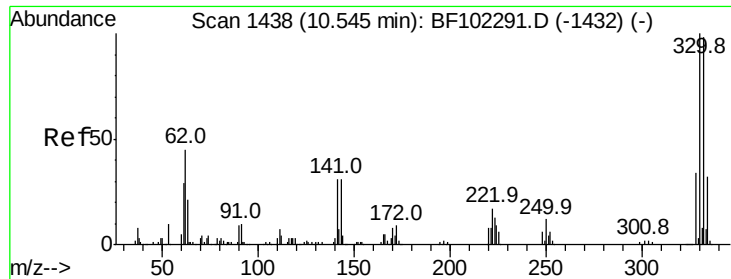


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

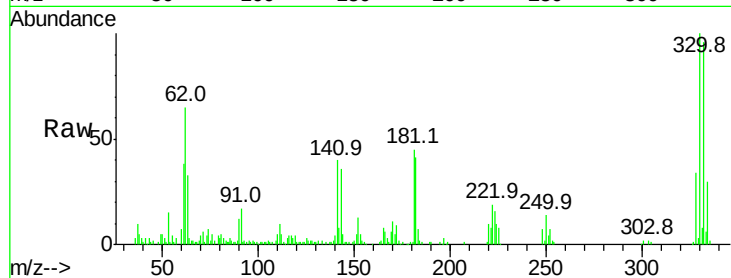




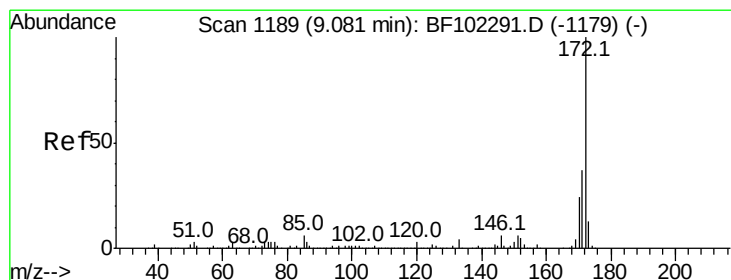
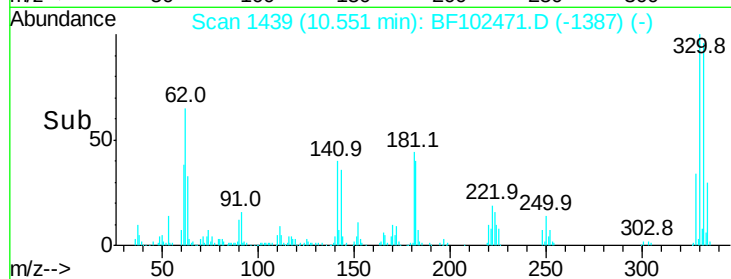
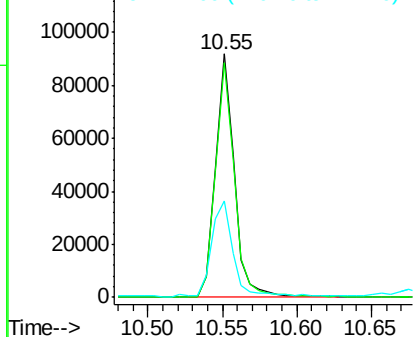
#41
 2,4,6-Tribromophenol
 Concen: 30.446 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102471.D
 Acq: 26 Jan 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 81576
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 45.7 29.9 44.9#

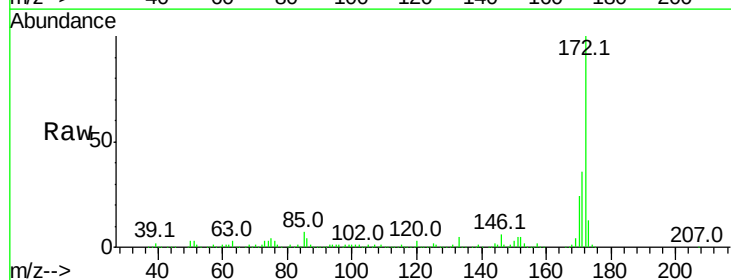


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

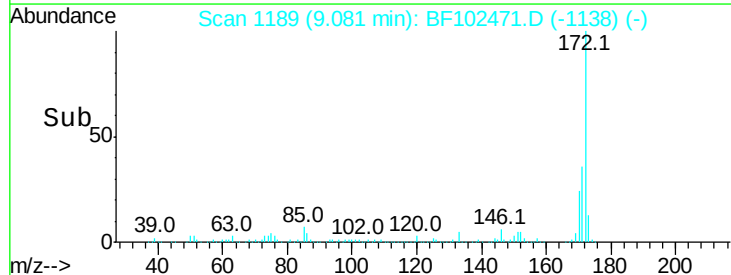
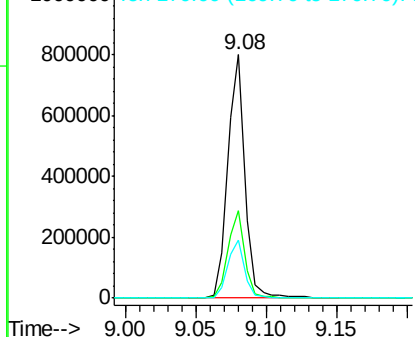


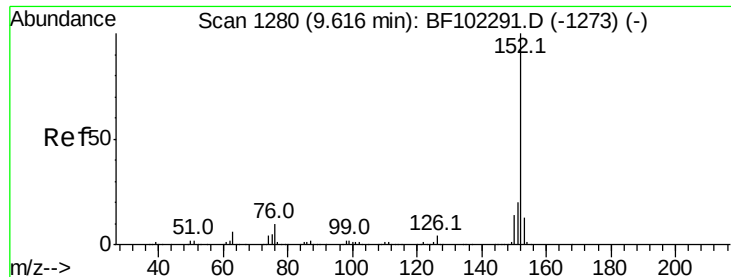
#44
 2-Fluorobiphenyl
 Concen: 36.851 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF102471.D
 Acq: 26 Jan 2018 16:27

Tgt Ion:172 Resp: 677712
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 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





#48

Acenaphthylene

Concen: 3.640 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

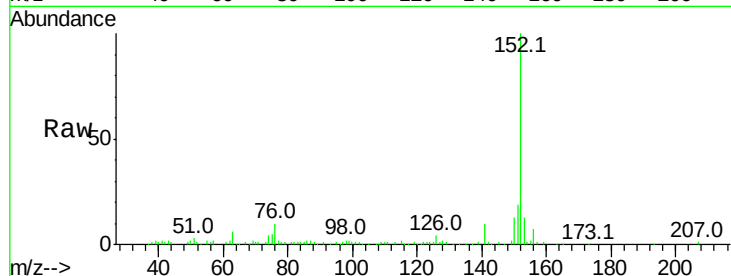
Tot Ion:152 Resp: 106577

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

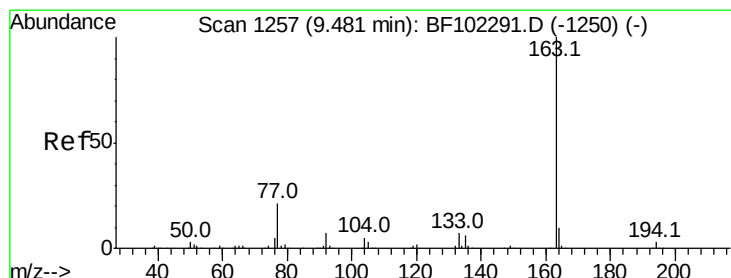
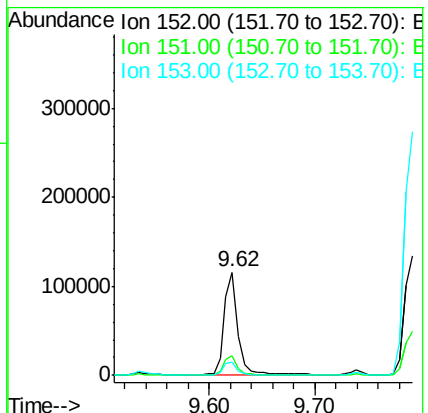
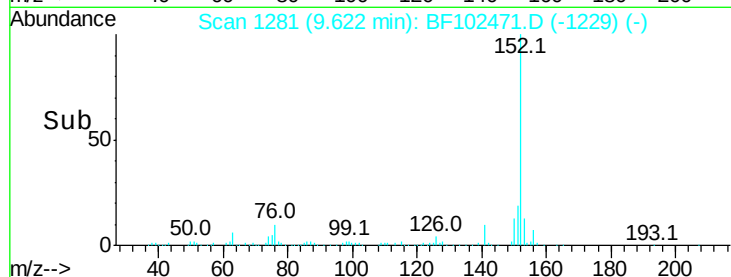
153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.029 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

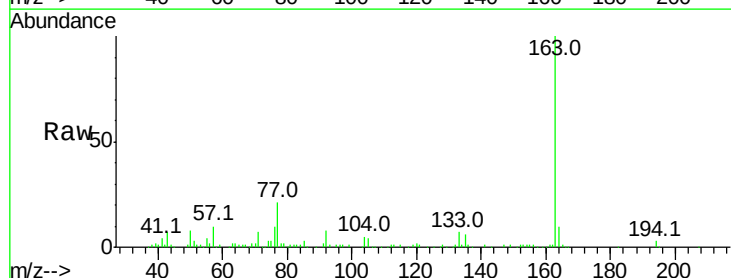
Tgt Ion:163 Resp: 112399

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

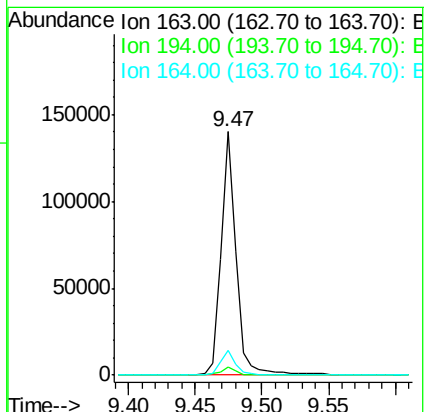
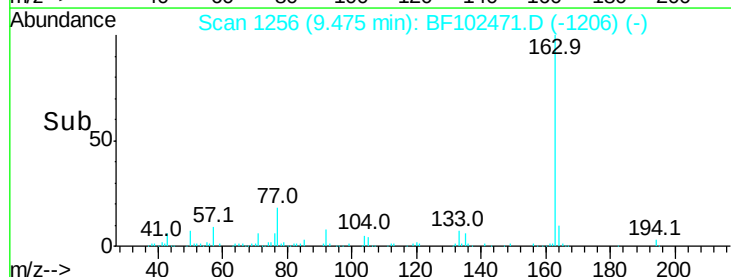
164 10.2 8.2 12.2

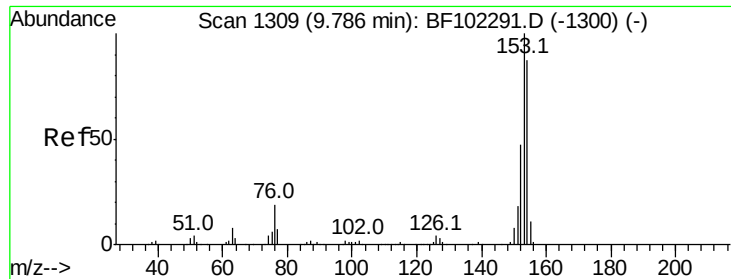


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 11.482 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

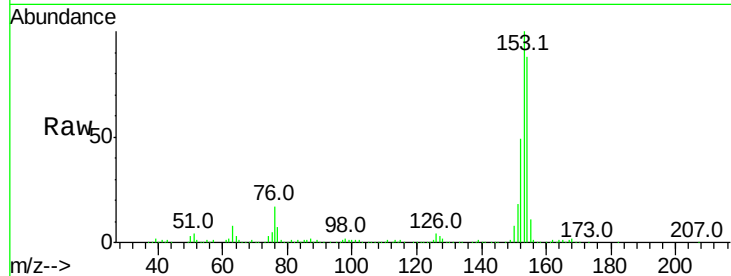
Tot Ion:154 Resp: 196346

Ion Ratio Lower Upper

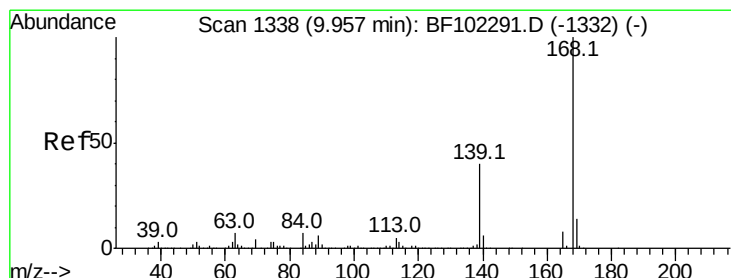
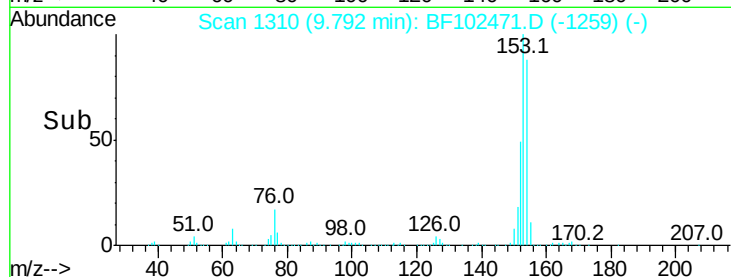
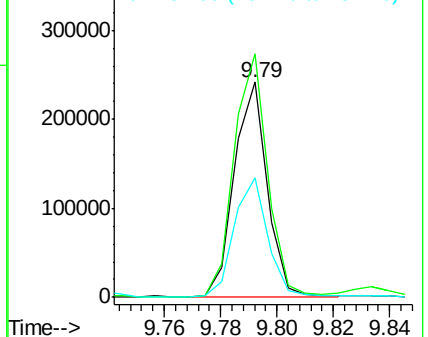
154 100

153 113.3 91.2 136.8

152 55.4 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: 10.680 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

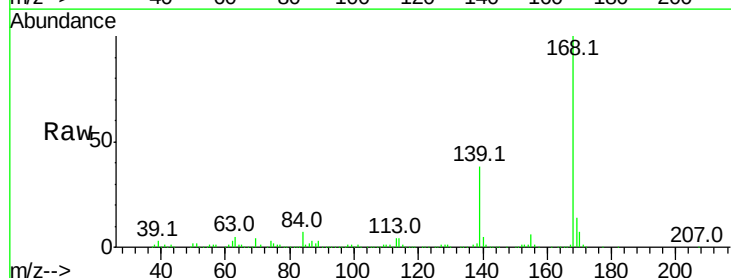
Tgt Ion:168 Resp: 247168

Ion Ratio Lower Upper

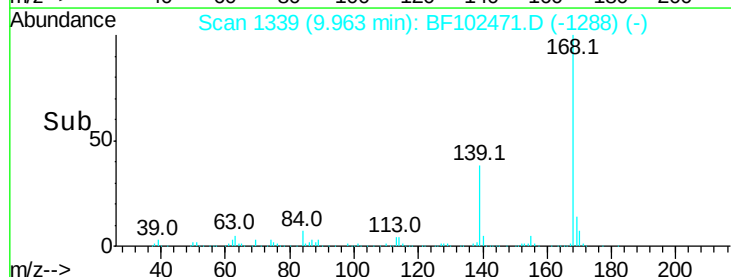
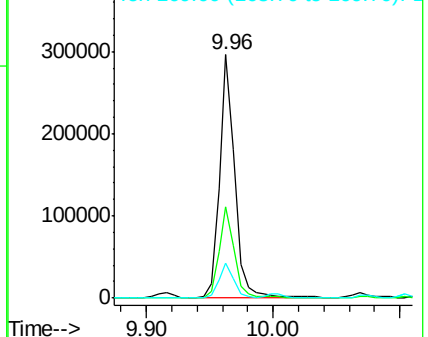
168 100

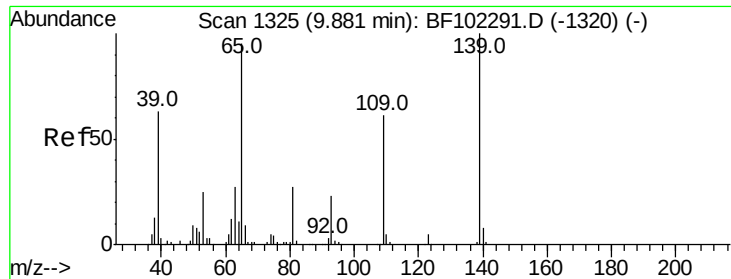
139 37.7 30.1 45.1

169 14.3 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

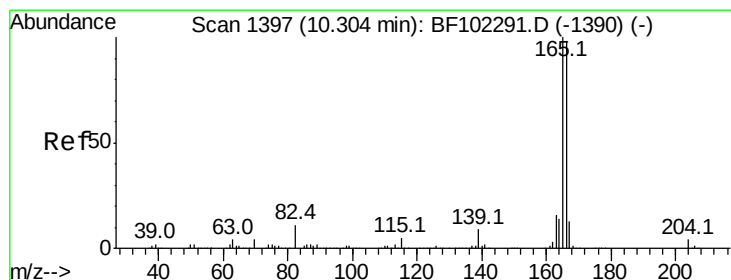
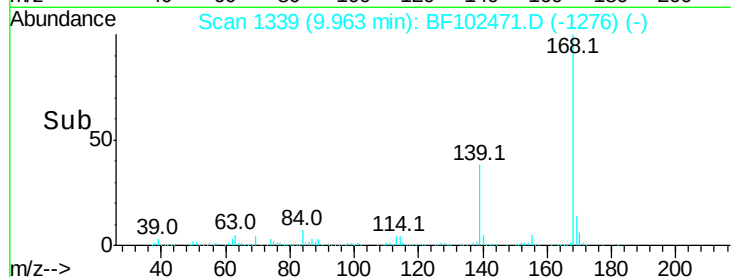
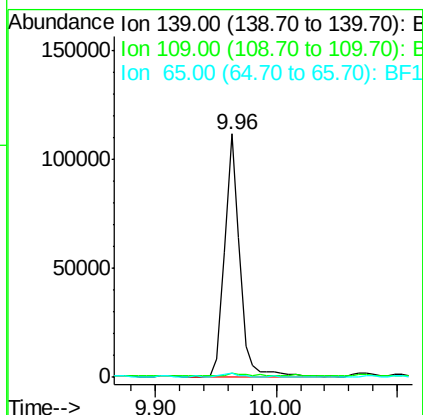
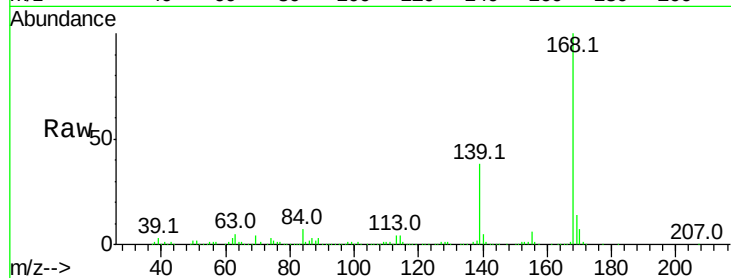




#55
4-Nitrophenol
Concen: 25.357 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.07 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

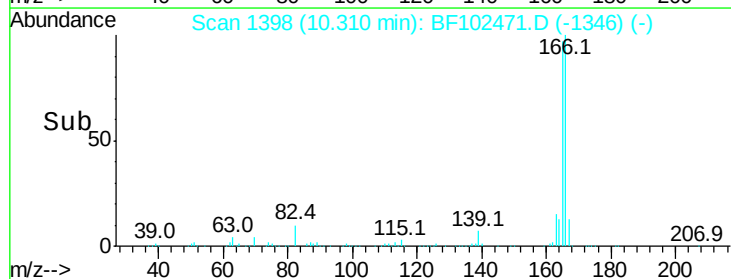
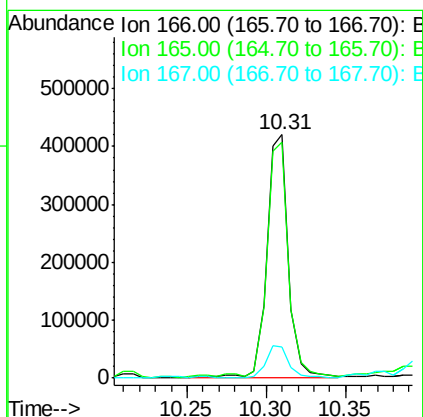
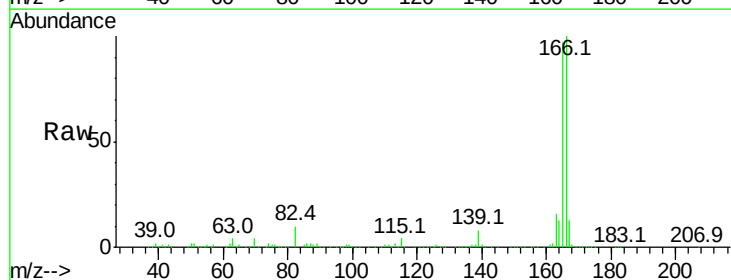
Instrument :
BNA_F
ClientSampleId :

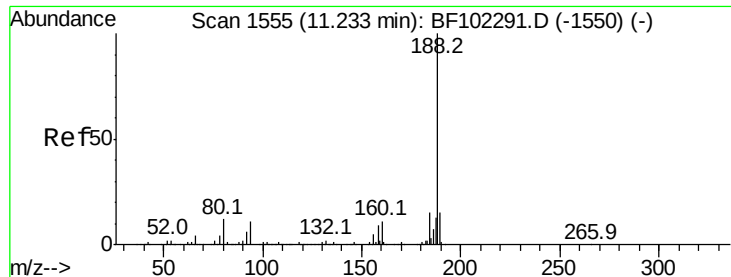
Tot Ion:139 Resp: 95420
Ion Ratio Lower Upper
139 100
109 1.6 48.4 88.4#
65 1.9 72.6 112.6#



#57
Fluorene
Concen: 21.823 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:166 Resp: 400197
Ion Ratio Lower Upper
166 100
165 97.0 79.8 119.8
167 12.9 10.6 16.0

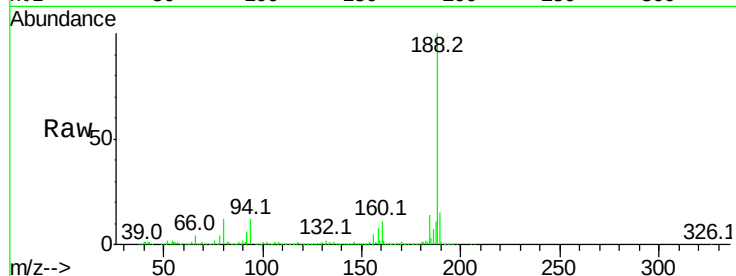




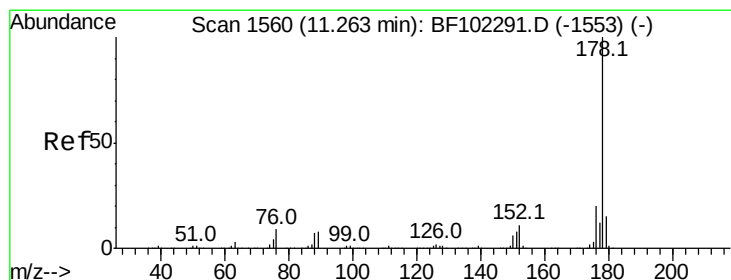
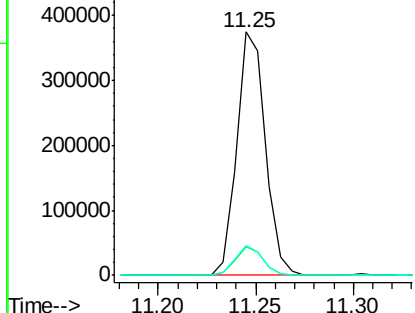
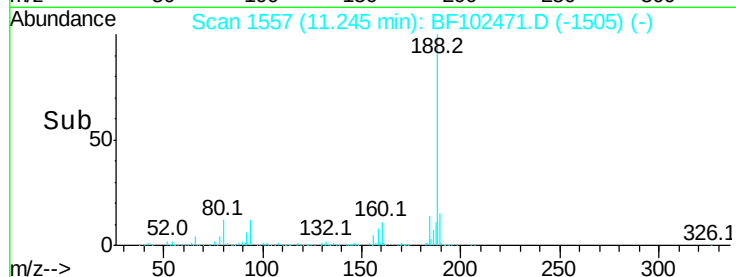
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 379613
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.4 9.2 13.8

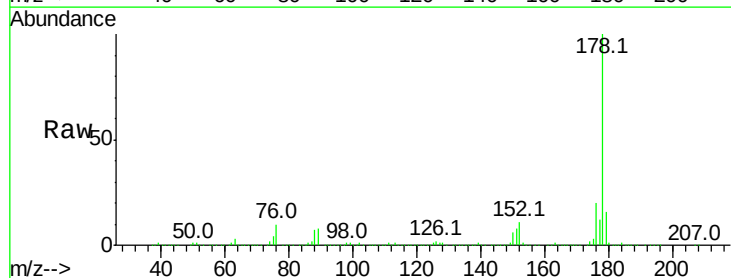


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

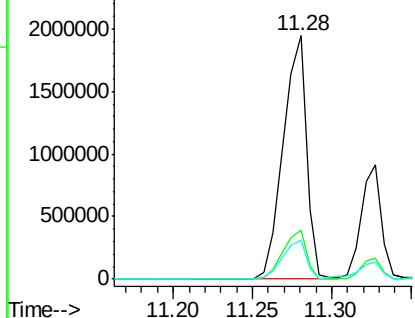
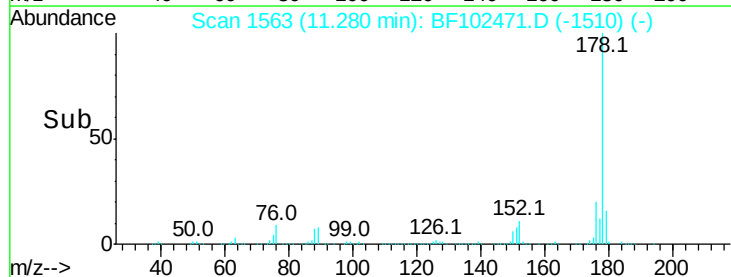


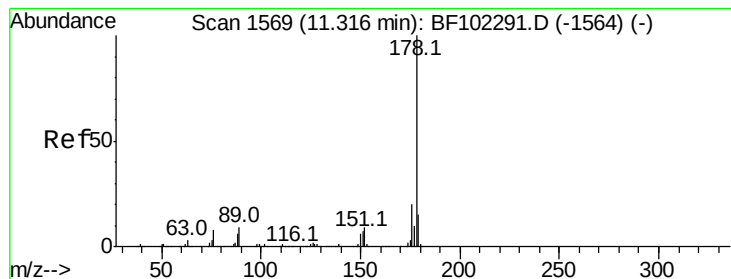
#70
Phenanthrene
Concen: 90.077 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:178 Resp: 1992577
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.9 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: 34.723 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampled :

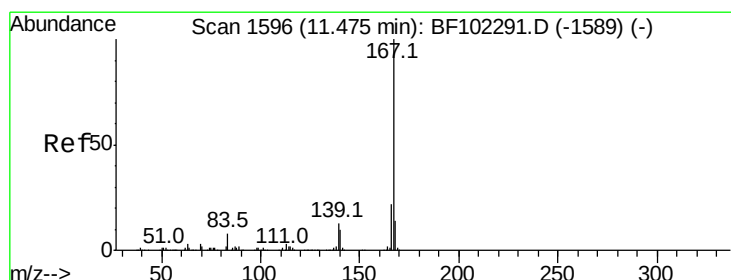
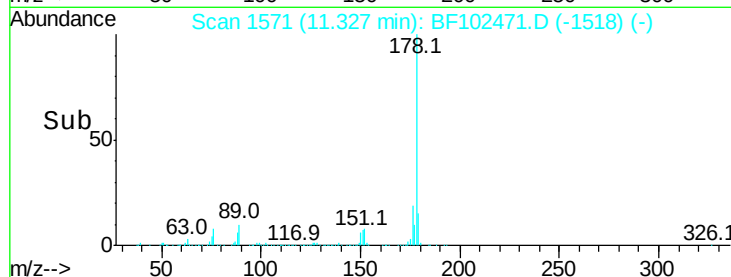
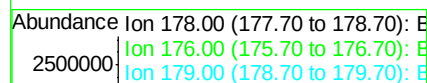
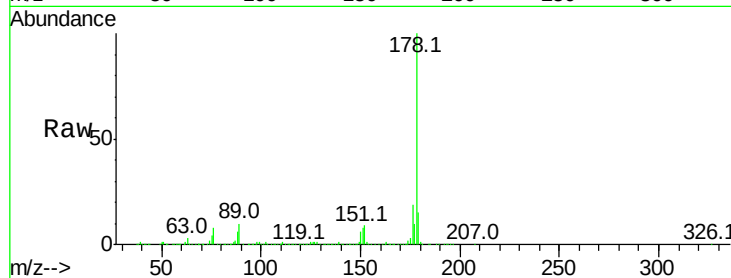
Tot Ion:178 Resp: 784005

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 14.9 12.6 19.0



#72

Carbazole

Concen: 8.854 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

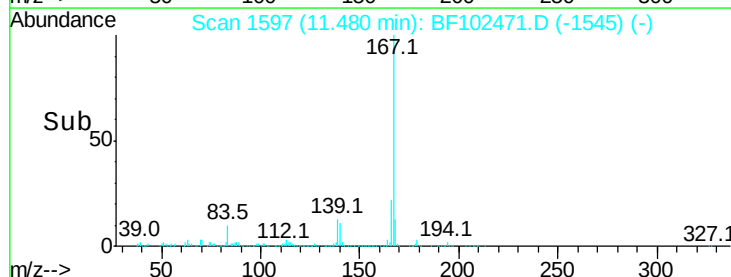
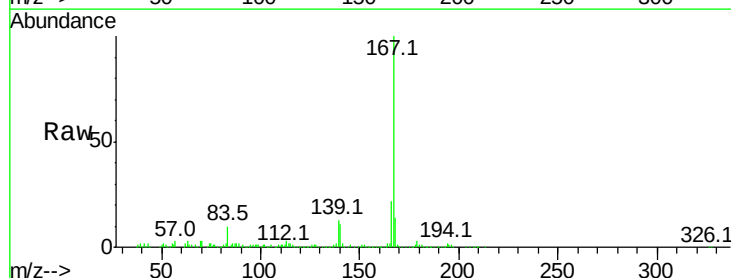
Tgt Ion:167 Resp: 195036

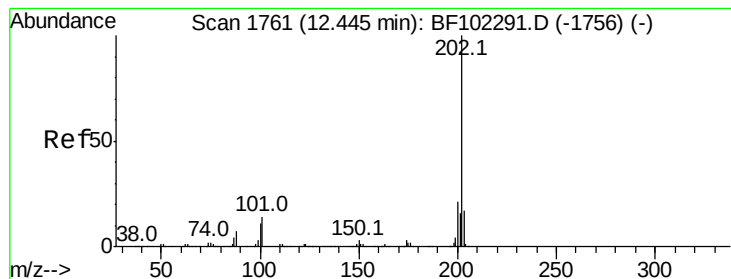
Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 13.2 10.9 16.3





#74

Fluoranthene

Concen: 99.614 ng

RT: 12.47 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

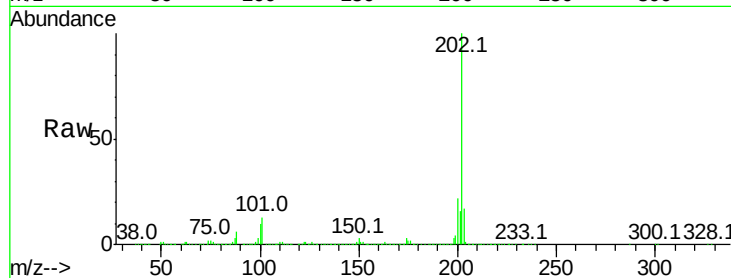
Tot Ion:202 Resp: 2247080

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.5	0.0	38.1

202 100

101 13.4 0.0 34.1

203 17.5 0.0 38.1

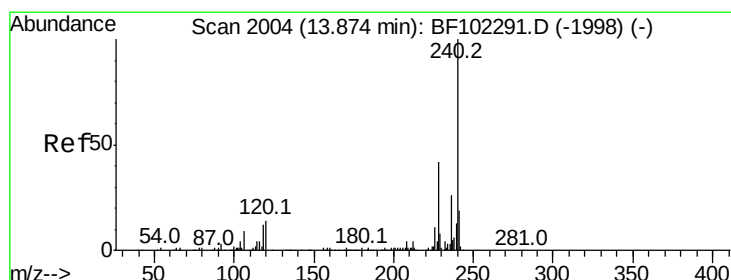
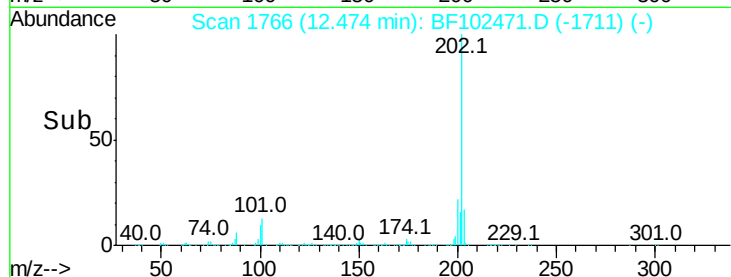
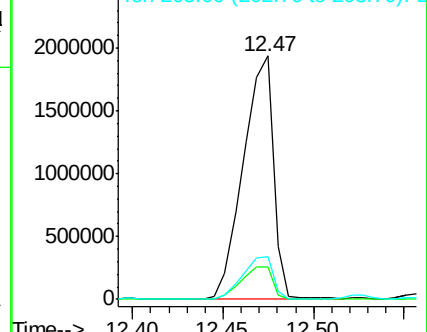


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.02 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

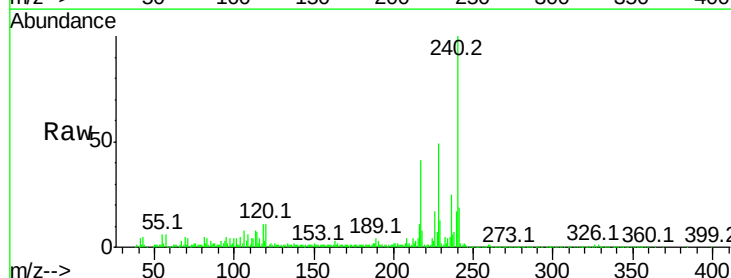
Tgt Ion:240 Resp: 278503

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.0	20.7	31.1

240 100

120 11.3 9.5 14.3

236 25.0 20.7 31.1

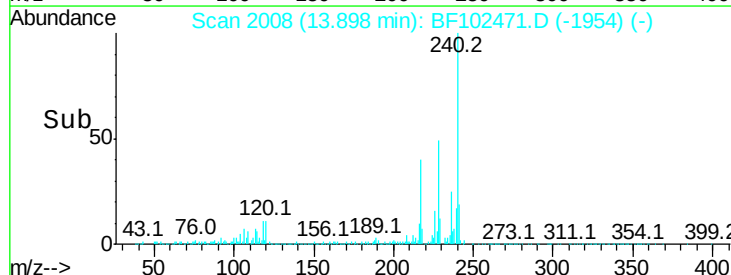
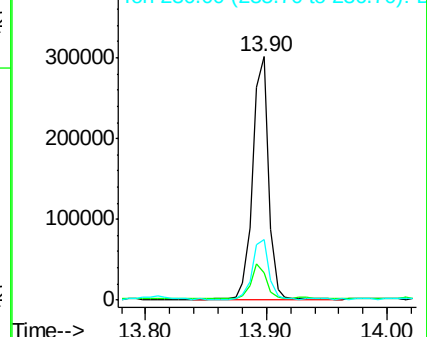


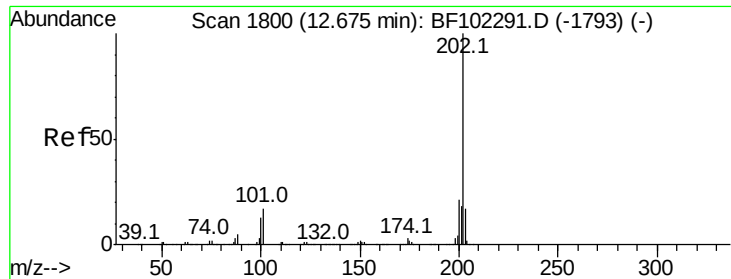
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

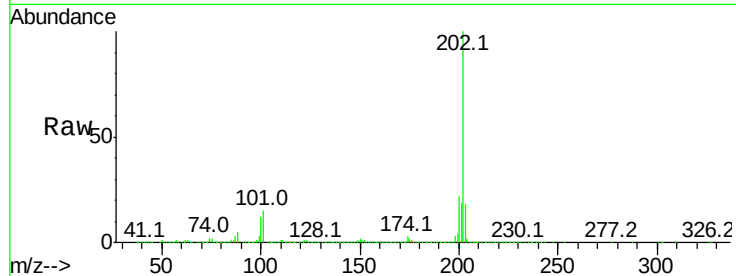




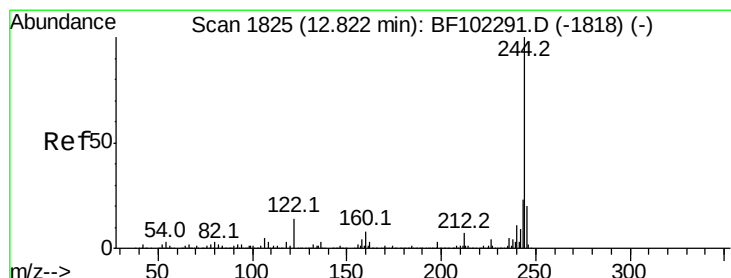
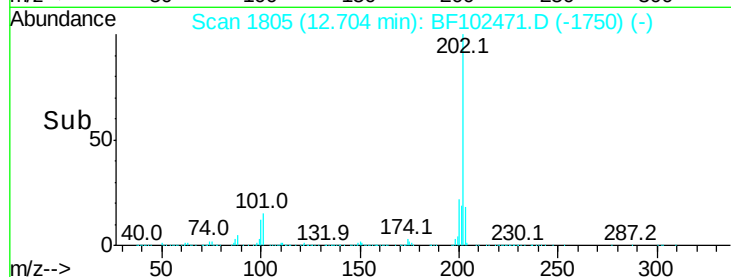
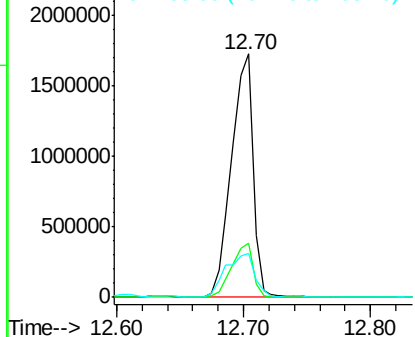
#77
Pvrene
Concen: 94.134 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2026984
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.3 14.3 21.5

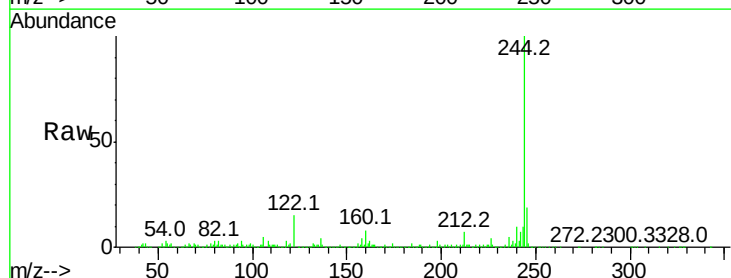


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

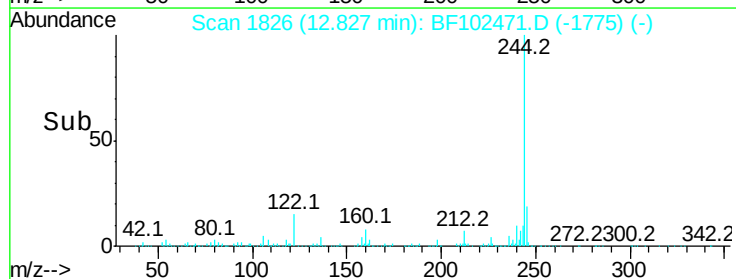
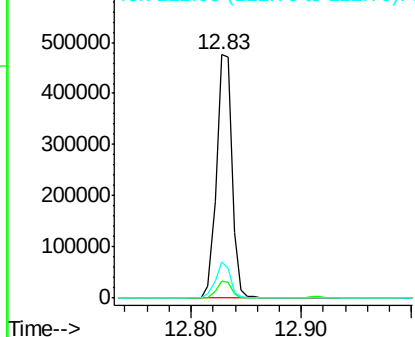


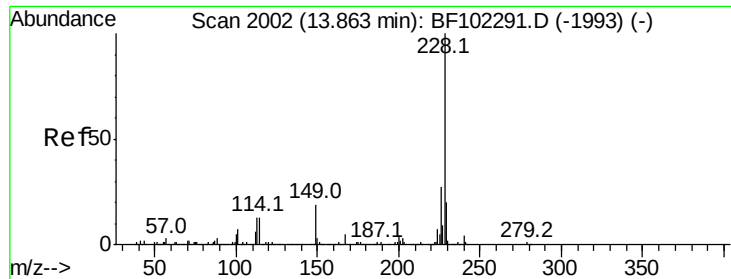
#78
Terphenyl-d14
Concen: 37.607 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:244 Resp: 464601
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 15.0 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: 55.211 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.02 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

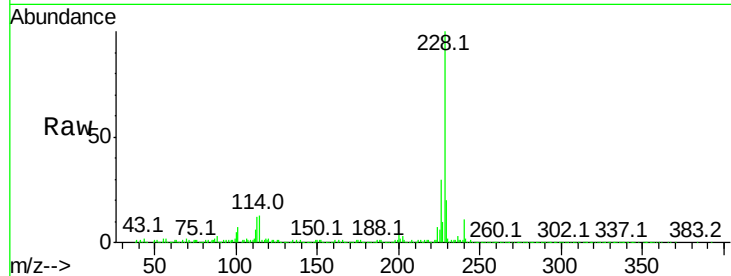
Tot Ion:228 Resp: 946674

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

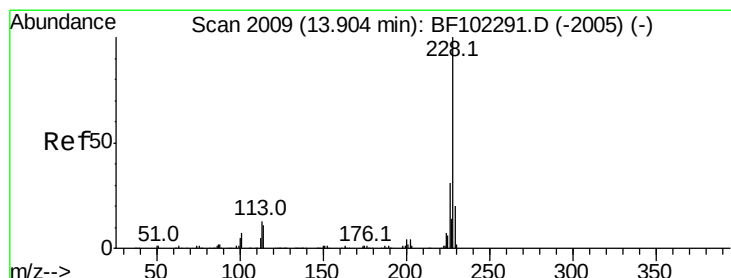
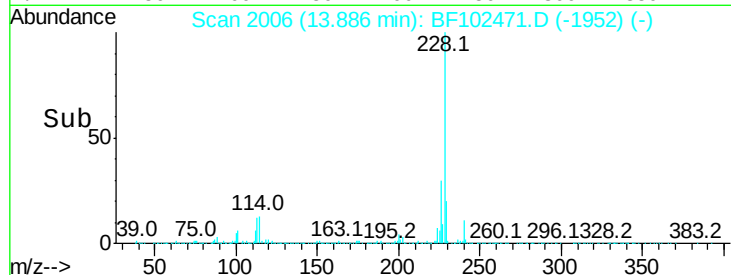
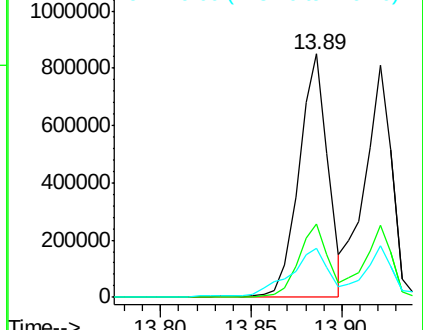
229 20.4 15.8 23.6



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: 44.774 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

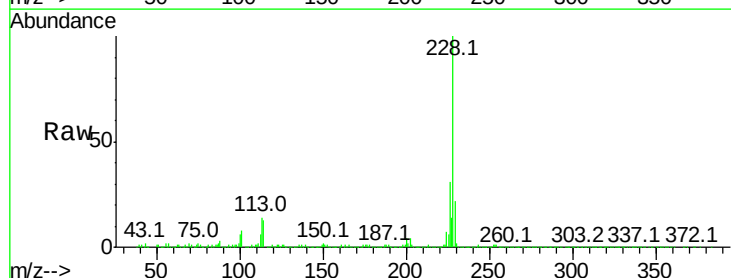
Tgt Ion:228 Resp: 779616

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

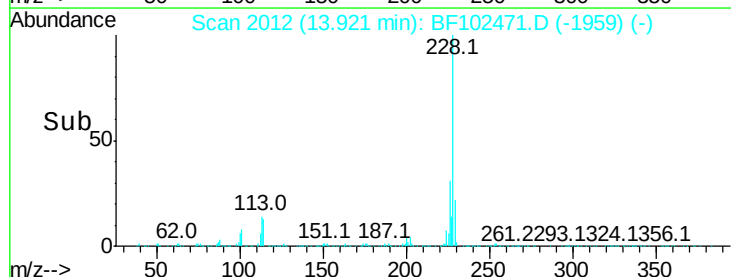
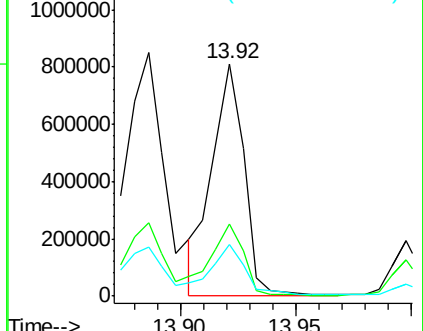
229 22.5 16.2 24.4

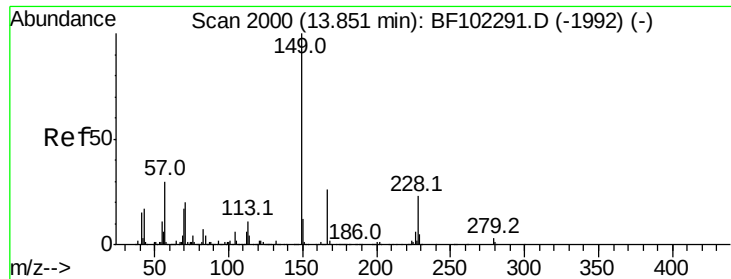


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.386 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampled :

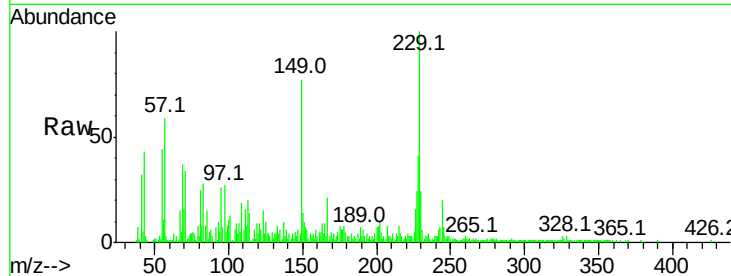
Tot Ion:149 Resp: 34366

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

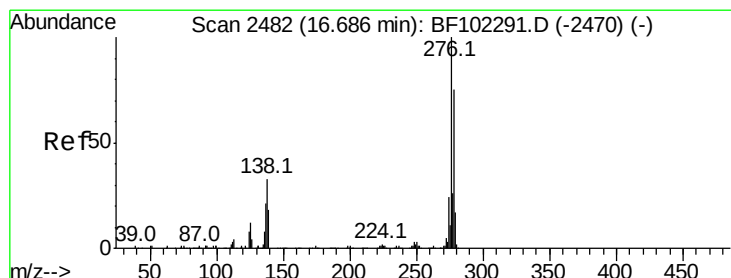
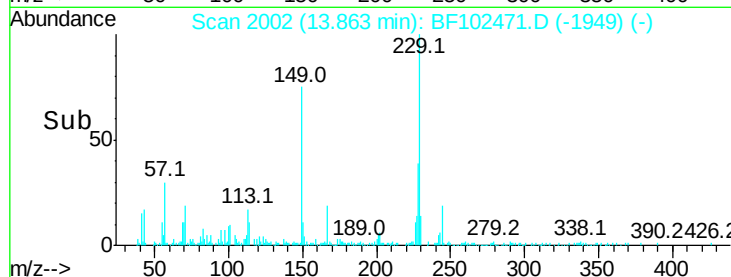
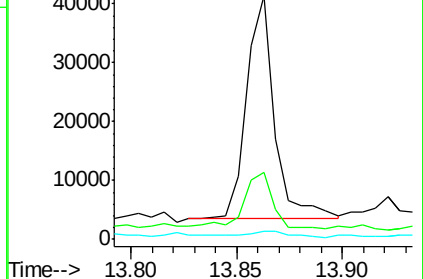
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 21.100 ng

RT: 16.74 min Scan# 2491

Delta R.T. 0.04 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

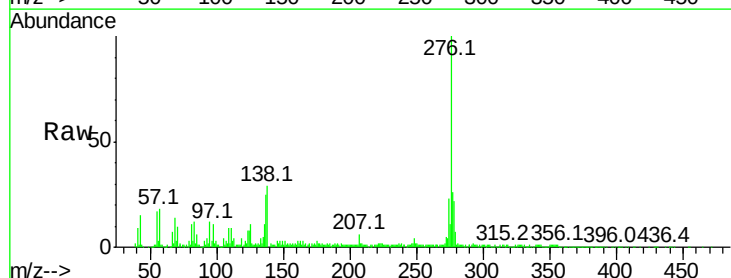
Tgt Ion:276 Resp: 303413

Ion Ratio Lower Upper

276 100

138 28.8 25.0 37.6

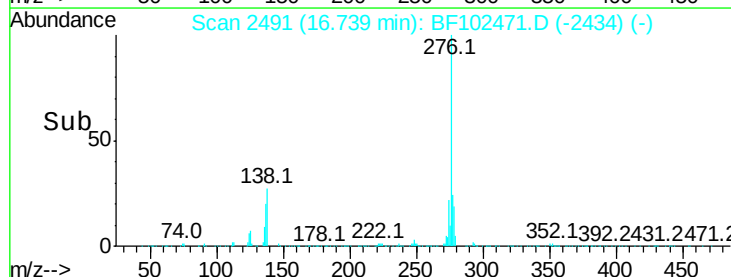
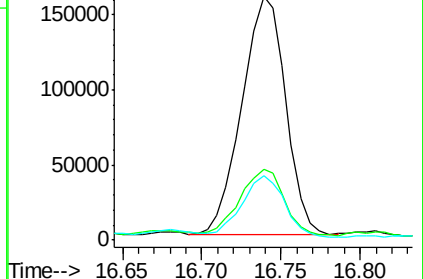
277 25.1 20.1 30.1

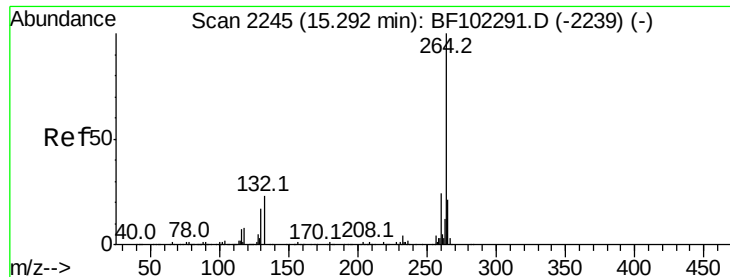


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

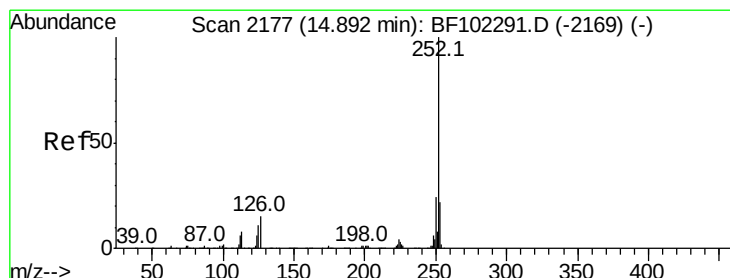
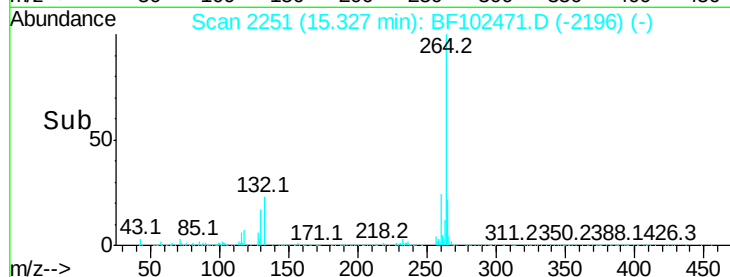
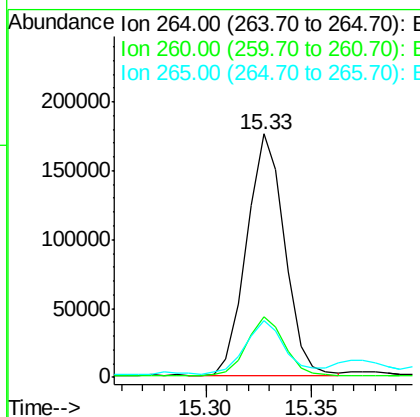
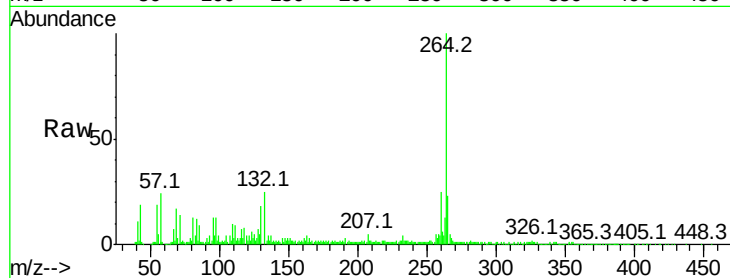




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

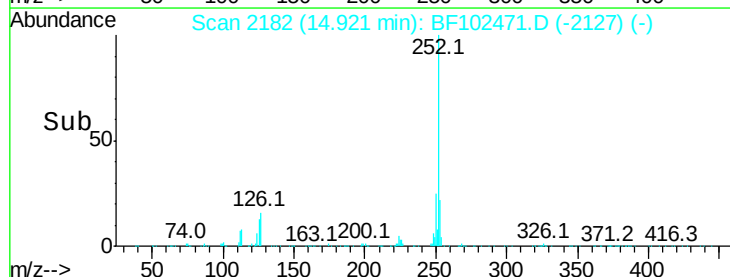
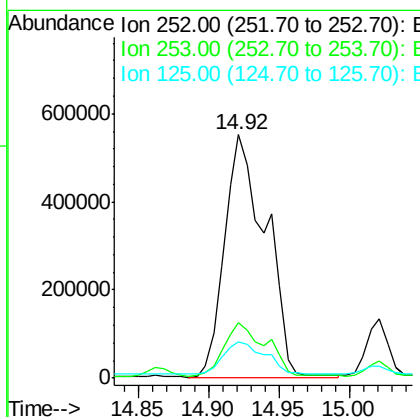
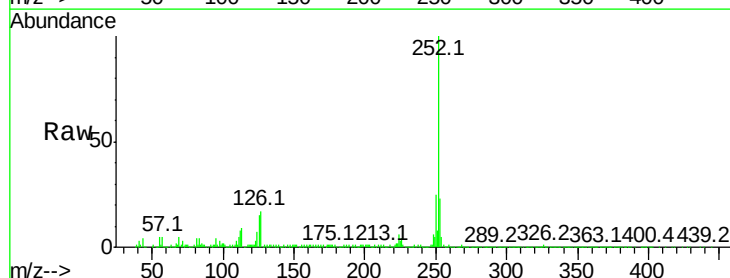
Instrument :
BNA_F
ClientSampleId :

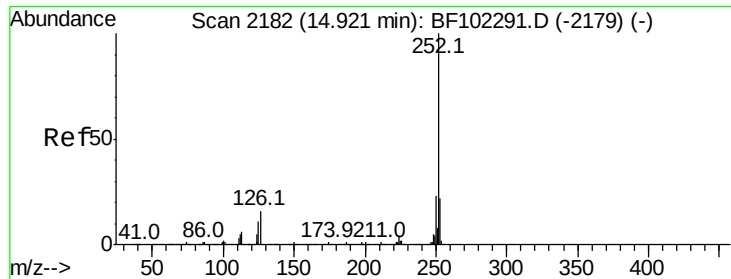
Tot Ion:264 Resp: 218621
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 23.4 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 79.188 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:252 Resp: 1122088
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 15.1 9.0 13.6#

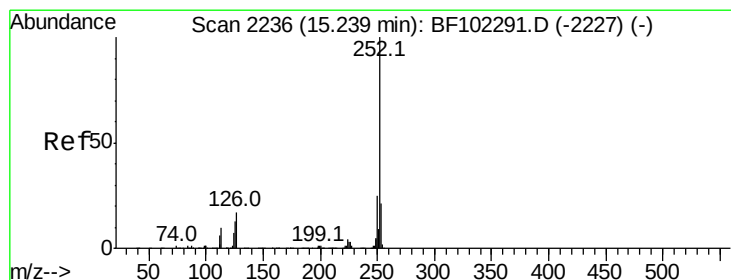
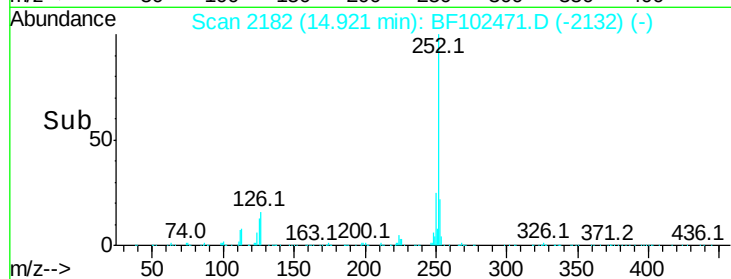
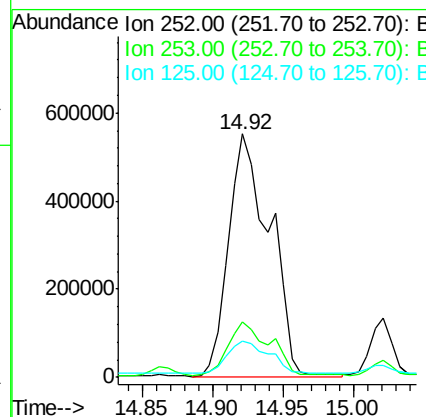
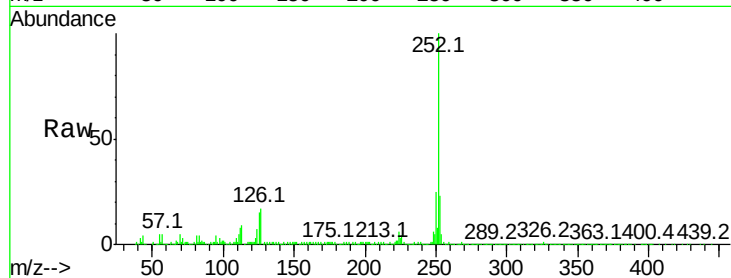




#88
Benzo(k)fluoranthene
Concen: 83.816 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

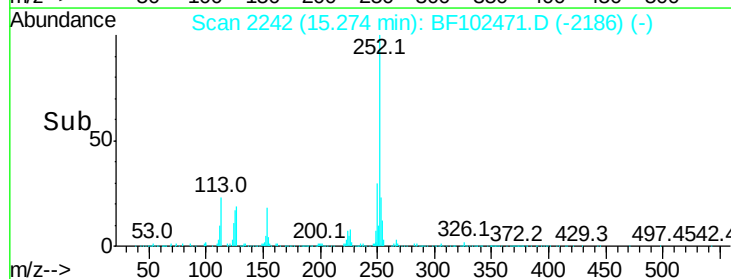
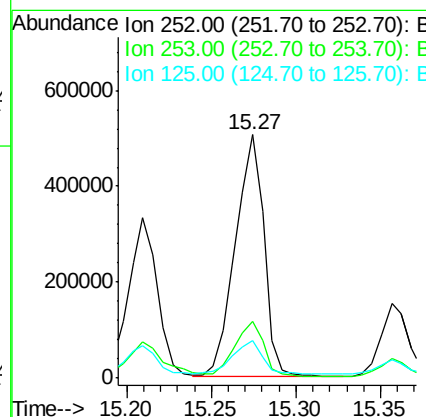
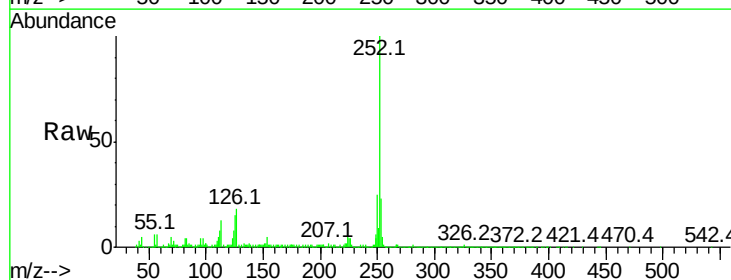
Instrument :
BNA_F
ClientSampleId :

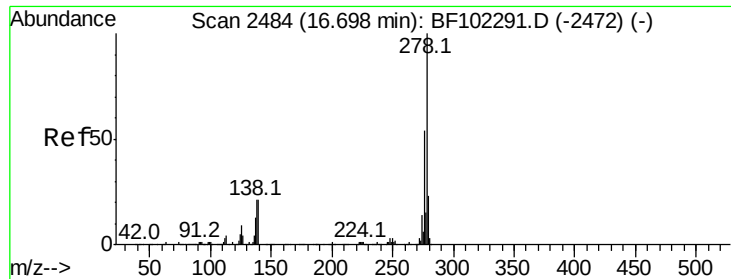
Tot Ion:252 Resp: 1122088
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 15.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 46.835 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.03 min
Lab File: BF102471.D
Acq: 26 Jan 2018 16:27

Tgt Ion:252 Resp: 598532
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 15.2 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 6.966 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.03 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

Instrument :

BNA_F

ClientSampleId :

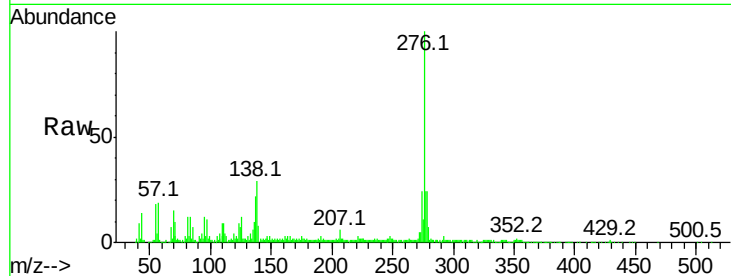
Tot Ion:278 Resp: 72112

Ion Ratio Lower Upper

278 100

139 33.5 15.9 23.9#

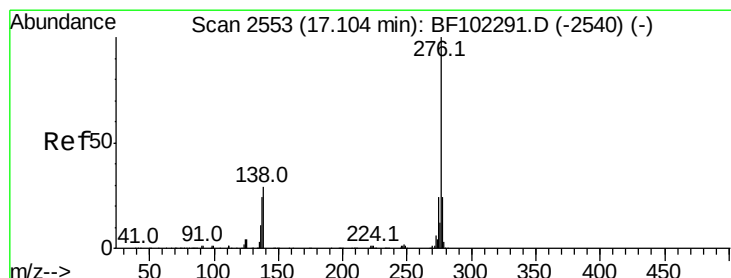
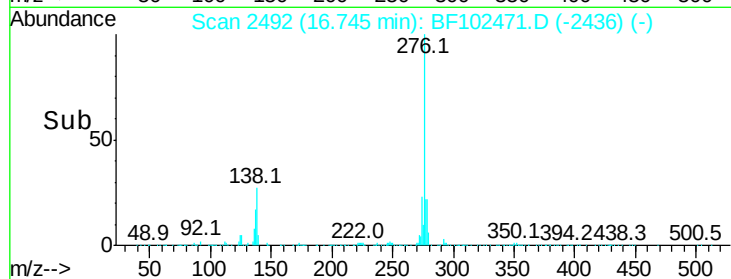
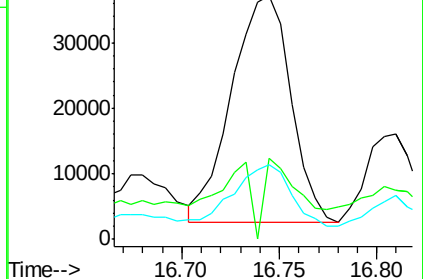
279 30.9 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 30.246 ng

RT: 17.17 min Scan# 2564

Delta R.T. 0.04 min

Lab File: BF102471.D

Acq: 26 Jan 2018 16:27

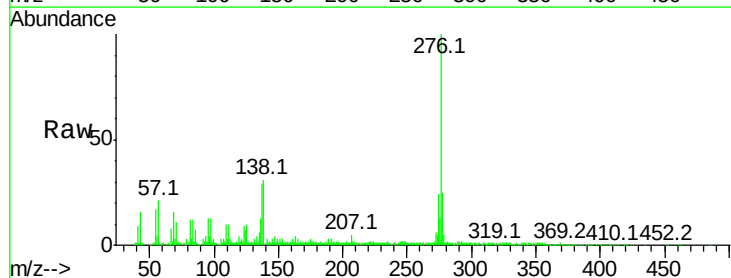
Tgt Ion:276 Resp: 309159

Ion Ratio Lower Upper

276 100

277 25.0 17.9 26.9

138 30.8 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

