

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102594.D
 Acq On : 29 Jan 2018 13:42
 Operator : SJ/JU
 Sample : J1257-15 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

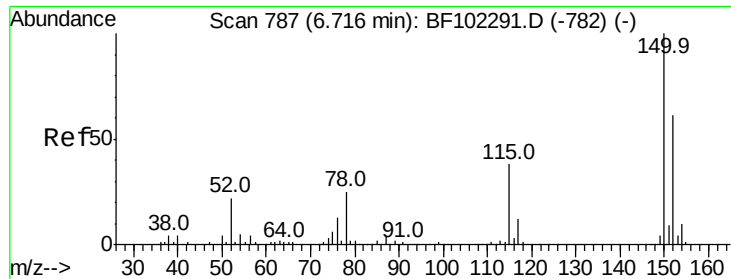
Quant Time: Jan 30 00:06:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168981	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	672602	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	245344	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	334618	20.00	ng	0.00
75) Chrysene-d12	13.90	240	252343	20.00	ng	0.02
86) Perylene-d12	15.35	264	213320	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	594699	53.36	ng	0.00
7) Phenol-d6	6.36	99	699958	52.10	ng	0.00
23) Nitrobenzene-d5	7.28	82	397170	33.93	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	86852	35.73	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	688701	41.27	ng	0.00
78) Terphenyl-d14	12.83	244	418055	37.35	ng	0.01

Target Compounds				Qvalue		
10) Phenol	6.37	94	31009	2.114	ng	90
25) Isophorone	7.28	82	396941	19.024	ng	# 65
31) Naphthalene	8.02	128	266783	7.944	ng	99
33) 4-Chloroaniline	8.02	127	34998	2.478	ng	# 35
37) 2-Methylnaphthalene	8.71	142	125377	5.606	ng	96
48) Acenaphthylene	9.62	152	151541	5.704	ng	99
49) Dimethylphthalate	9.47	163	85121	4.197	ng	99
51) Acenaphthene	9.79	154	118763	7.655	ng	99
53) 2,4-Dinitrophenol	9.97	184	150	3.769	ng	# 1
54) Dibenzofuran	9.96	168	128564	6.123	ng	# 97
57) Fluorene	10.30	166	247035	14.847	ng	99
70) Phenanthrene	11.27	178	1401073	71.854	ng	100
71) Anthracene	11.32	178	351512	17.662	ng	99
72) Carbazole	11.48	167	171918	8.854	ng	97
74) Fluoranthene	12.47	202	1418823	71.354	ng	100
77) Pyrene	12.70	202	1407072	72.120	ng	99
80) Benzo(a)anthracene	13.89	228	631245	40.631	ng	95
82) Chrysene	13.93	228	589268	37.351	ng	97
85) Indeno(1,2,3-cd)pyrene	16.77	276	211299	16.217	ng	97
87) Benzo(b)fluoranthene	14.94	252	790585	57.180	ng	# 85
88) Benzo(k)fluoranthene	14.94	252	790585	60.522	ng	# 87
89) Benzo(a)pyrene	15.29	252	388126	31.125	ng	# 87
90) Dibenzo(a,h)anthracene	16.76	278	63967	6.333	ng	# 66
91) Benzo(g,h,i)perylene	17.19	276	203167	20.370	ng	92

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

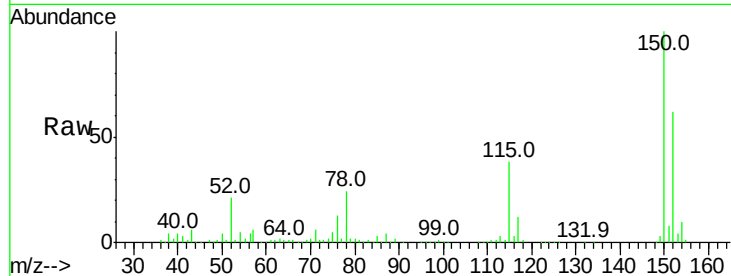


#1

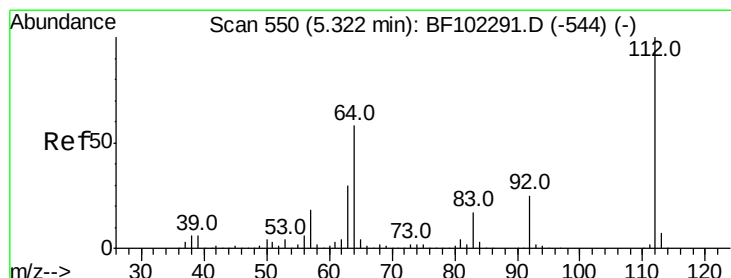
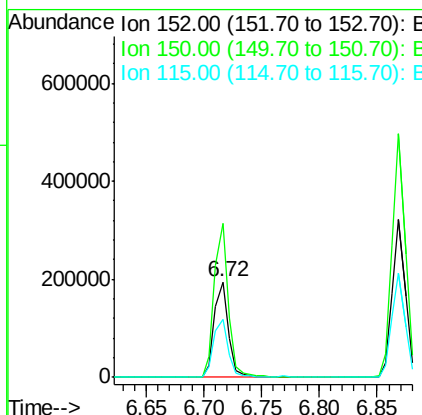
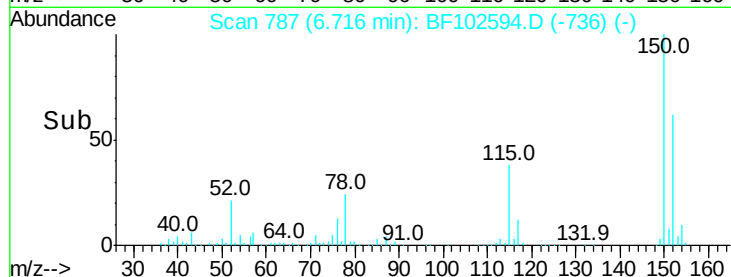
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168981
Ion Ratio Lower Upper
152 100
150 160.7 124.6 186.8
115 61.0 50.1 75.1



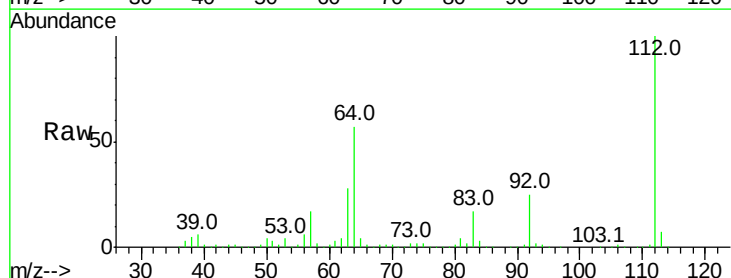
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



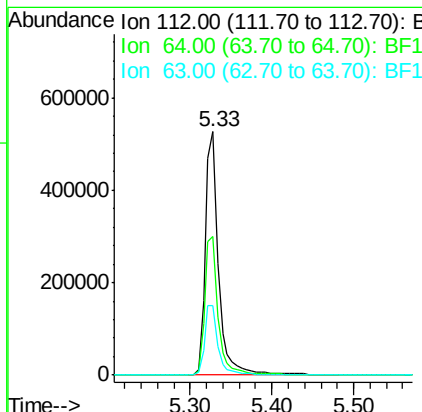
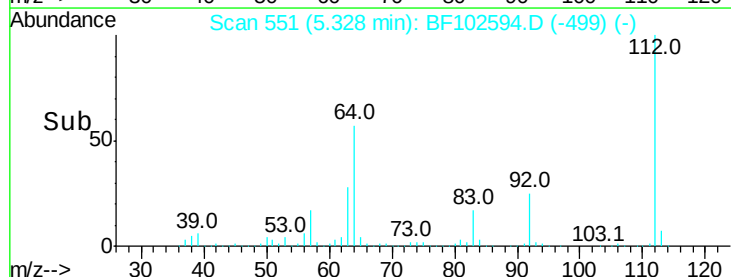
#5

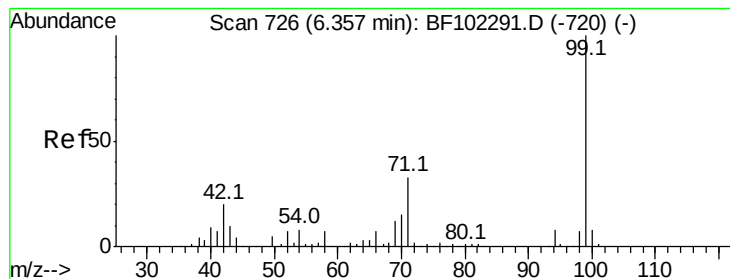
2-Fluorophenol
Concen: 53.362 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Tgt Ion:112 Resp: 594699
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: 52.096 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

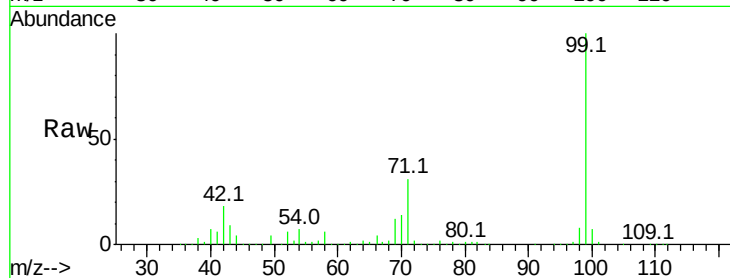
Tot Ion: 99 Resp: 699958

Ion Ratio Lower Upper

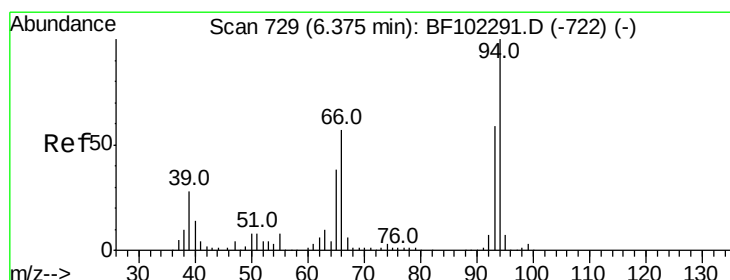
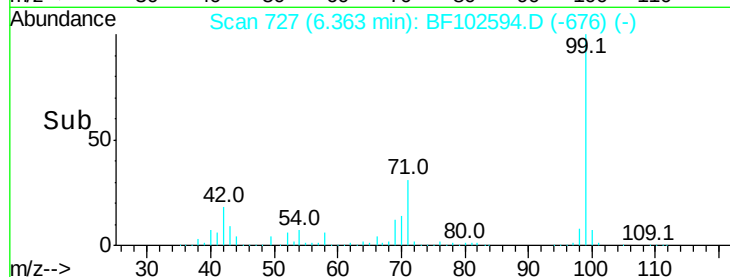
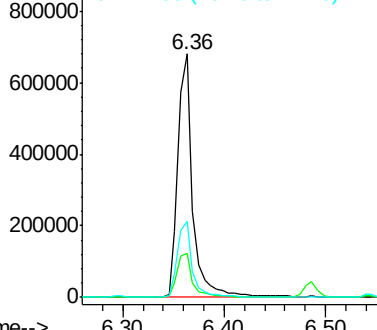
99 100

42 18.0 14.5 21.7

71 31.4 25.4 38.0



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



#10

Phenol

Concen: 2.114 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

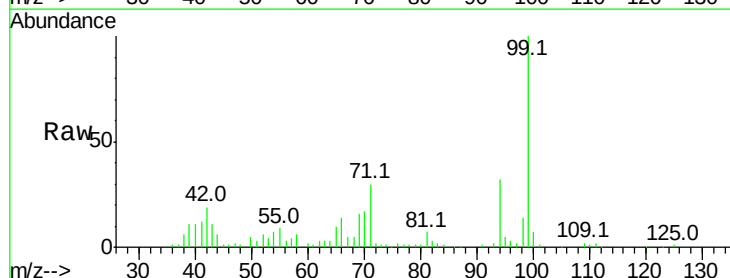
Tgt Ion: 94 Resp: 31009

Ion Ratio Lower Upper

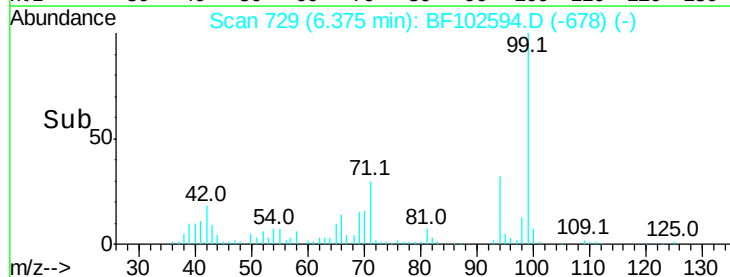
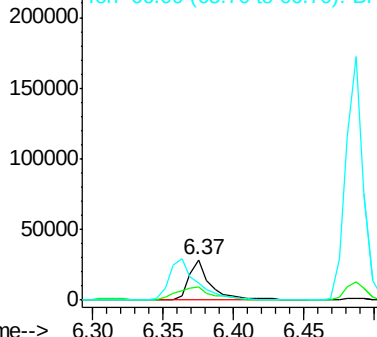
94 100

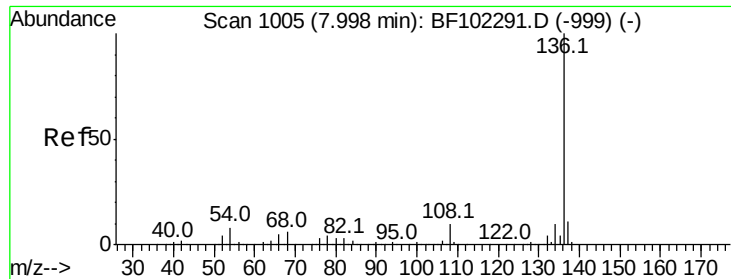
65 31.8 7.9 47.9

66 43.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

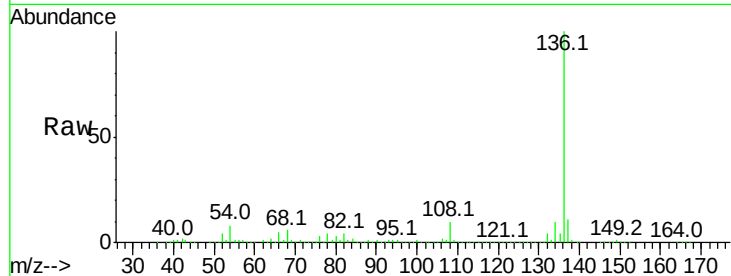




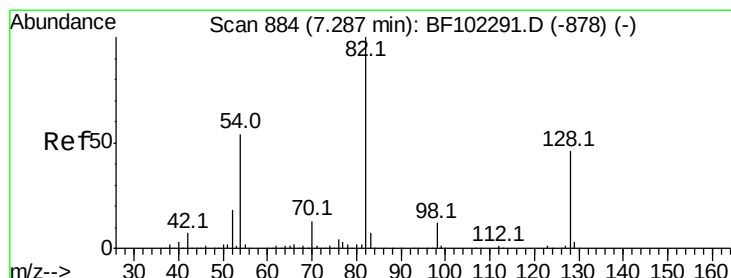
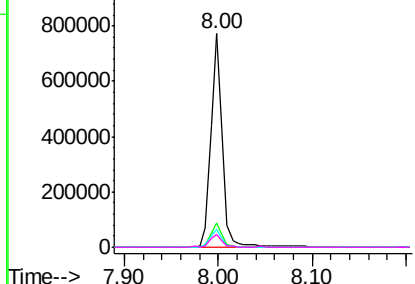
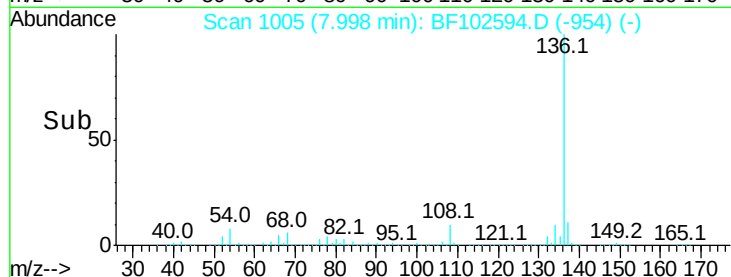
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 672602
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 8.5	6.6 9.8
68 6.1	5.0 7.4

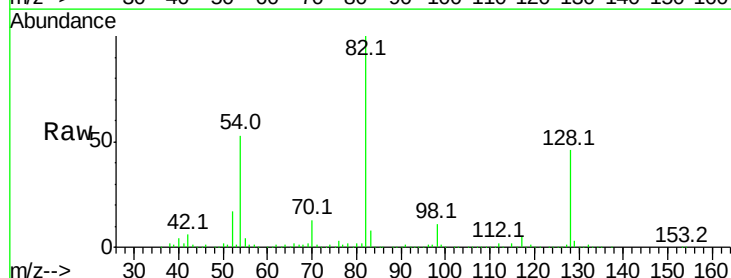


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

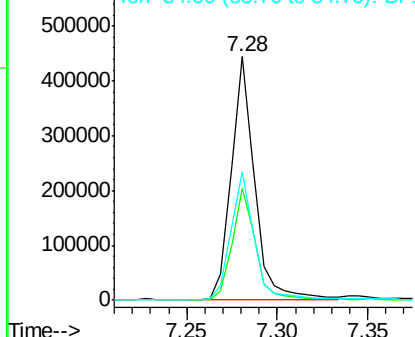
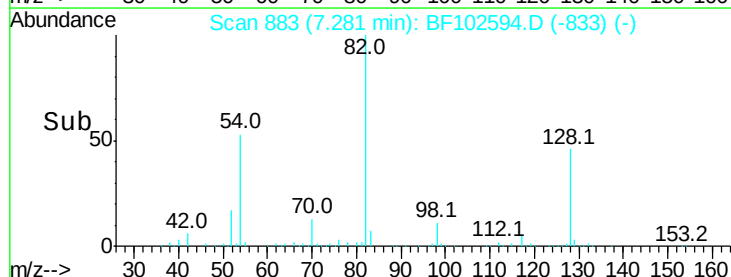


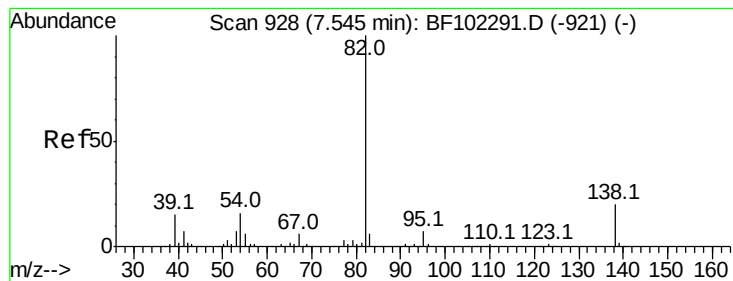
#23
Nitrobenzene-d5
Concen: 33.934 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Tgt	Ion: 82	Resp:	397170
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.024 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

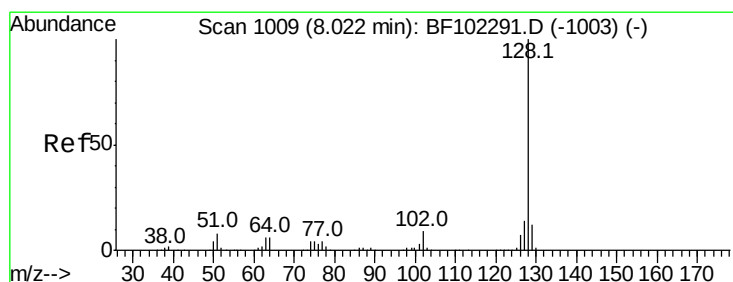
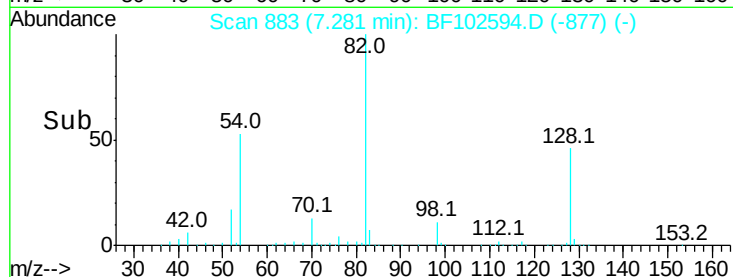
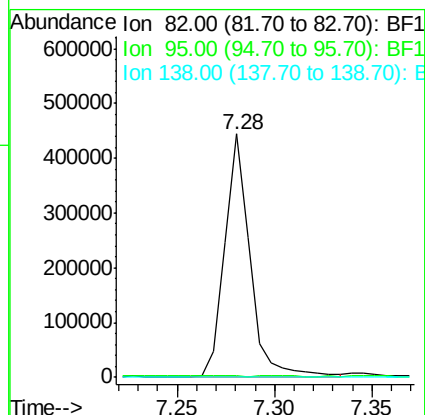
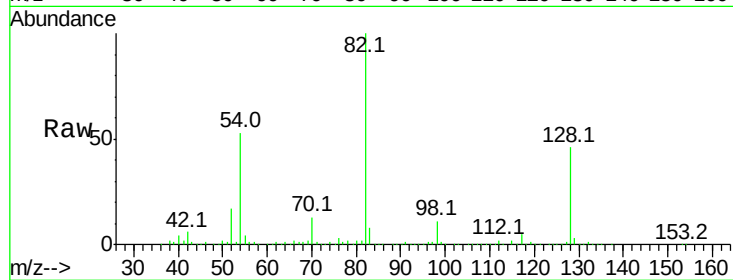
Tot Ion: 82 Resp: 396941

Ion Ratio Lower Upper

82 100

95 0.4 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 7.944 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

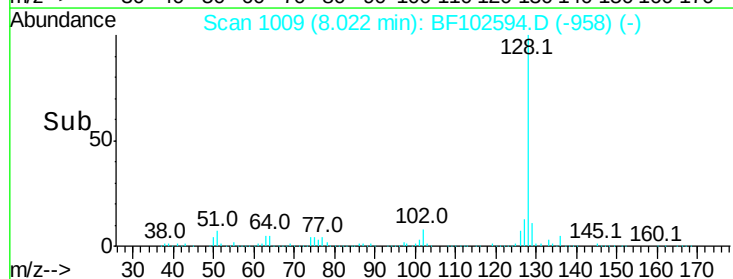
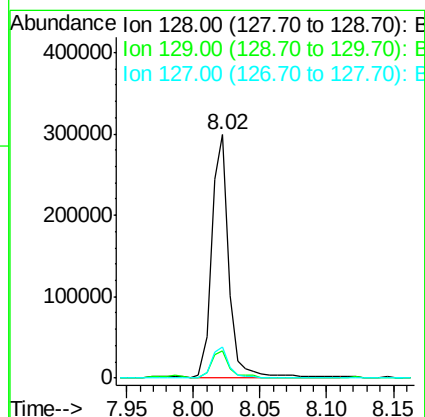
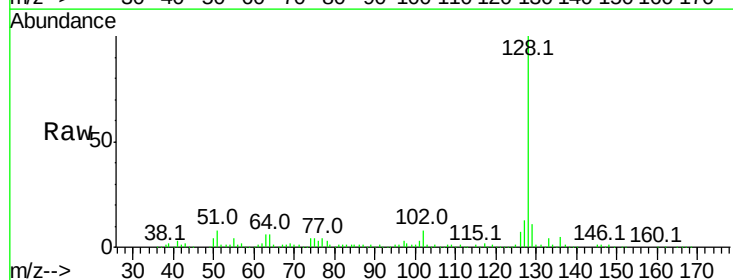
Tgt Ion: 128 Resp: 266783

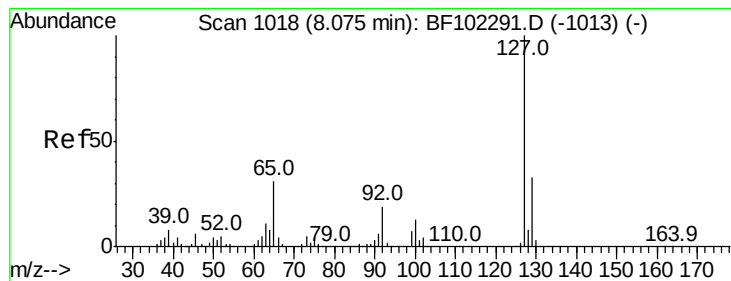
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.7 10.9 16.3





#33

4-Chloroaniline

Concen: 2.478 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 34998

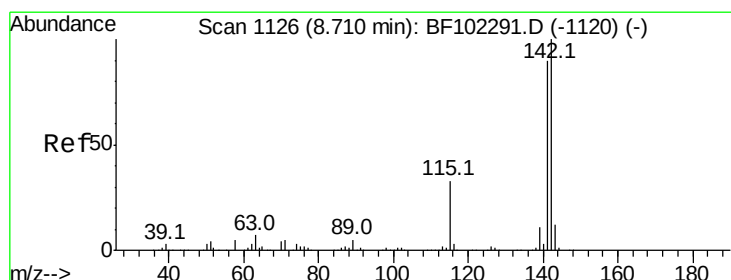
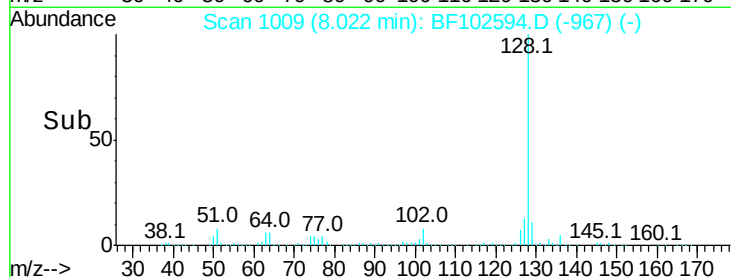
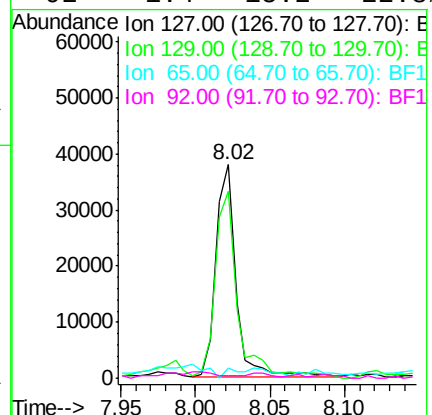
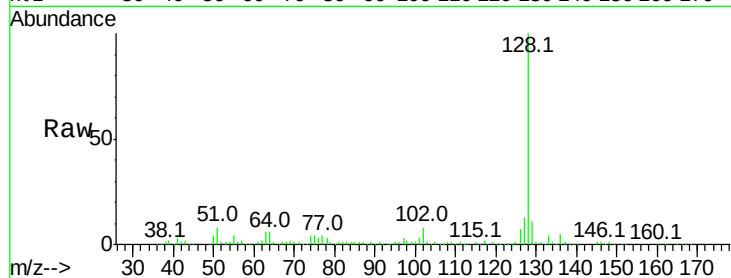
Ion Ratio Lower Upper

127 100

129 87.4 25.9 38.9#

65 5.0 25.0 37.4#

92 1.4 15.2 22.8#



#37

2-Methylnaphthalene

Concen: 5.606 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

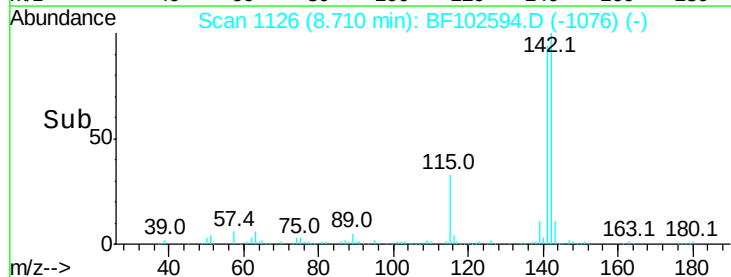
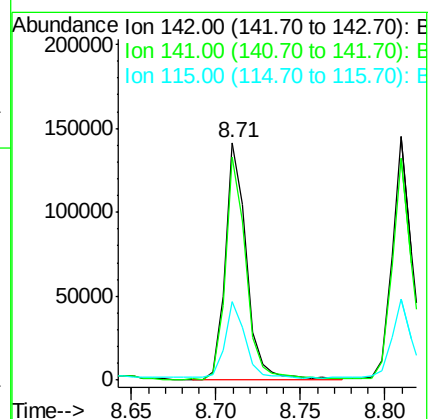
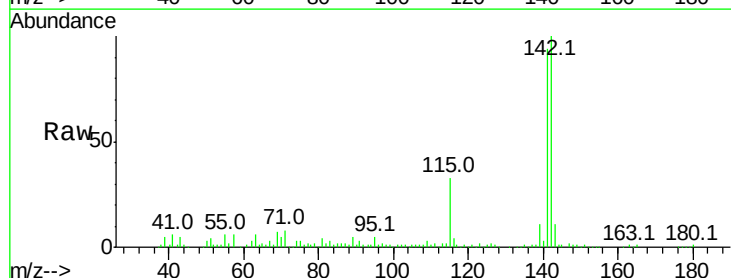
Tgt Ion:142 Resp: 125377

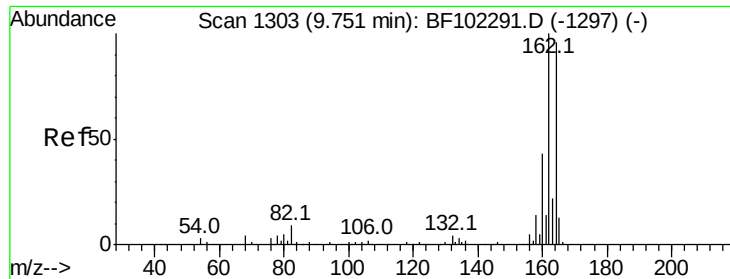
Ion Ratio Lower Upper

142 100

141 94.0 70.8 106.2

115 33.0 26.1 39.1

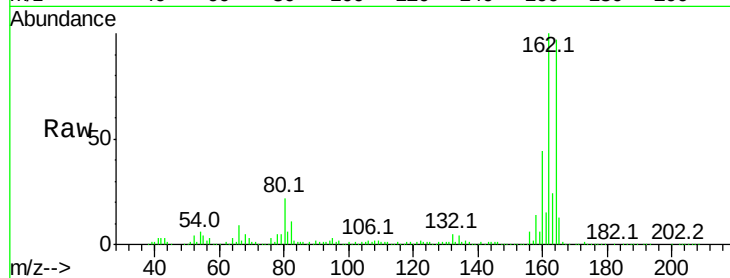




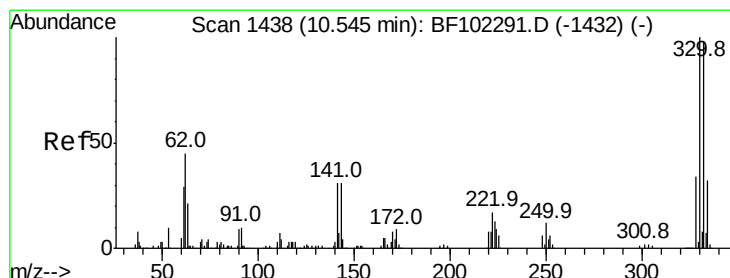
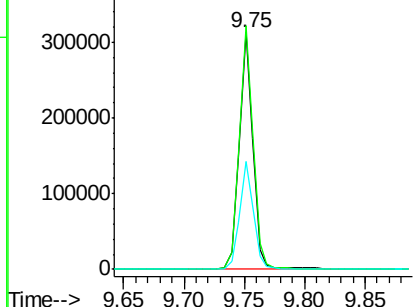
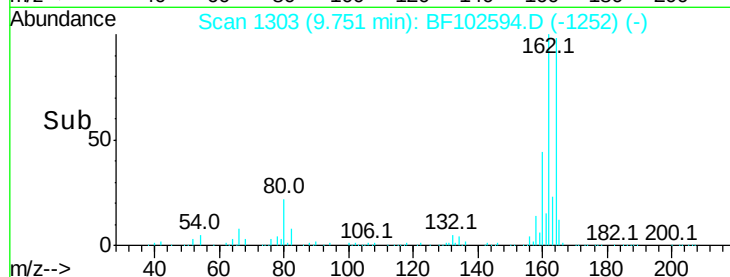
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102594.D
 Acq: 29 Jan 2018 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 245344
 Ion Ratio Lower Upper
 164 100
 162 102.9 86.1 129.1
 160 45.6 38.3 57.5

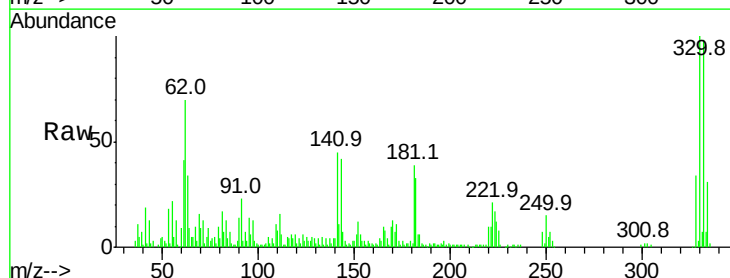


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

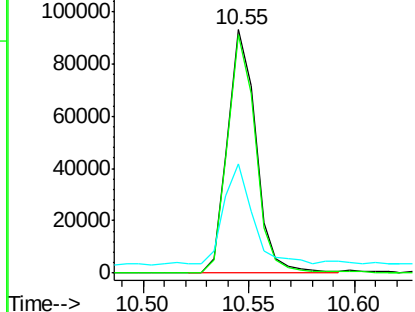
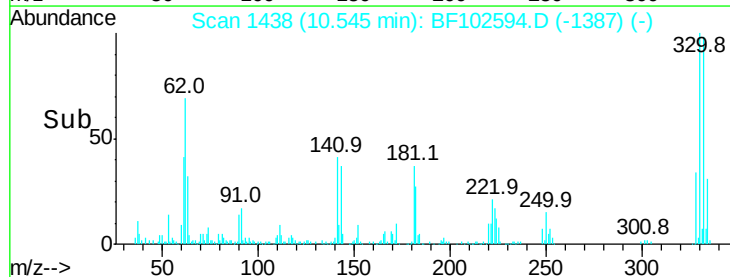


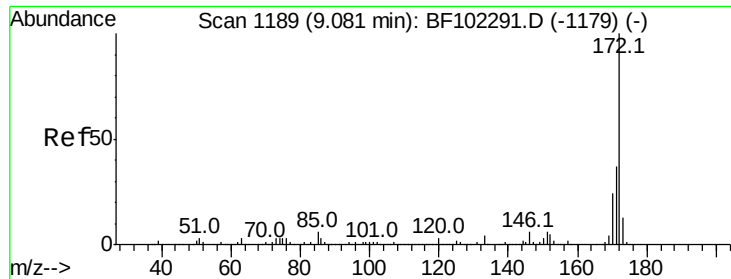
#41
 2,4,6-Tribromophenol
 Concen: 35.727 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102594.D
 Acq: 29 Jan 2018 13:42

Tgt Ion:330 Resp: 86852
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 42.5 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

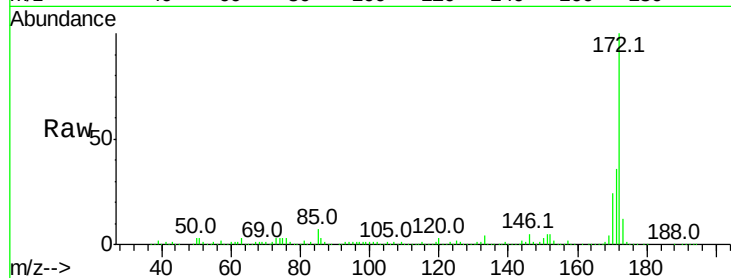




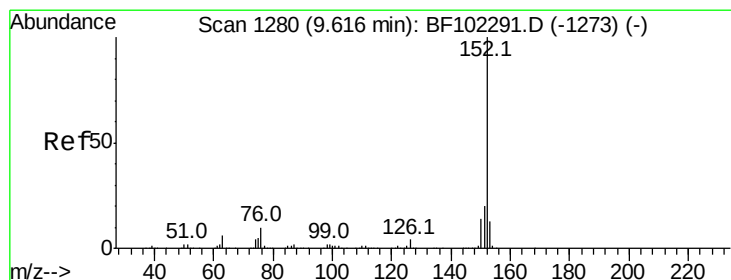
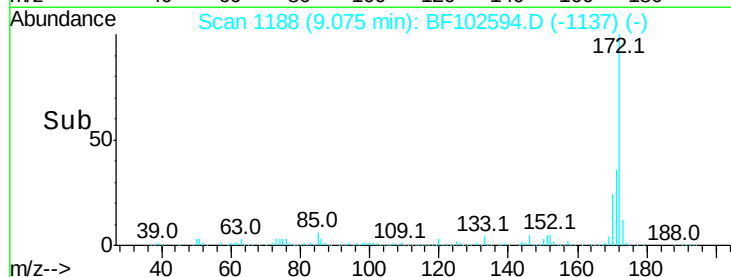
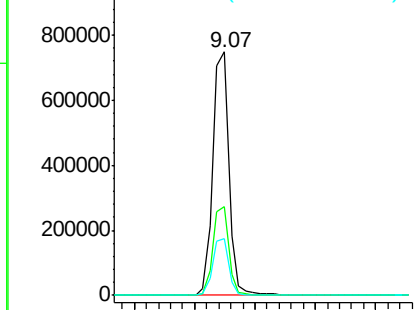
#44
2-Fluorobiphenyl
Concen: 41.274 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 688701
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.5 19.6 29.4

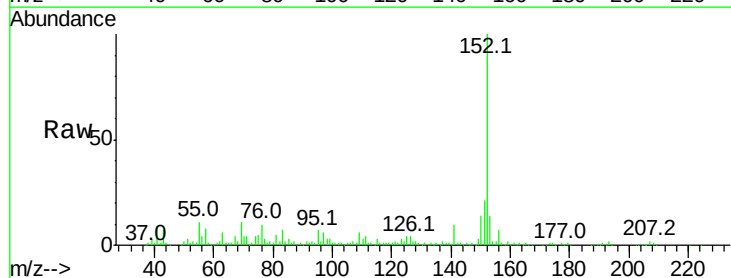


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

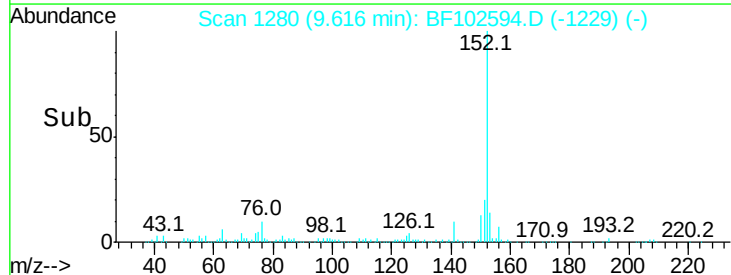
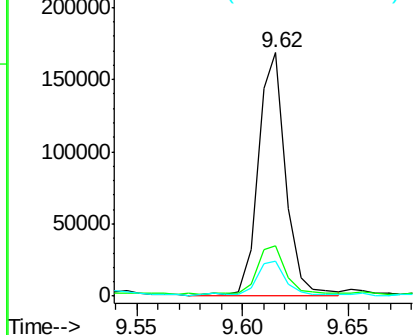


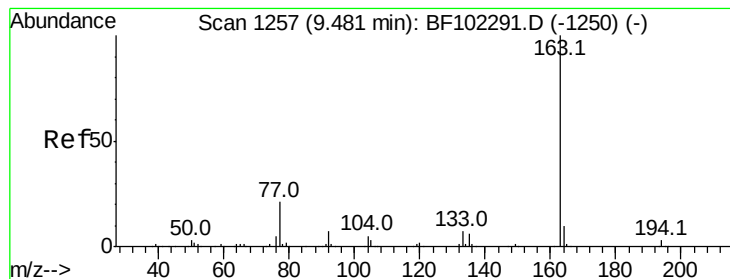
#48
Acenaphthylene
Concen: 5.704 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Tgt Ion:152 Resp: 151541
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.3 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: 4.197 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampled :

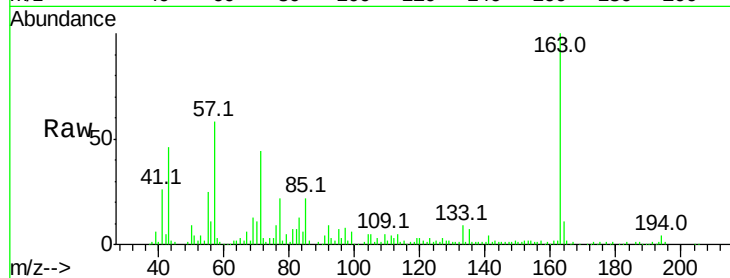
Tot Ion:163 Resp: 85121

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

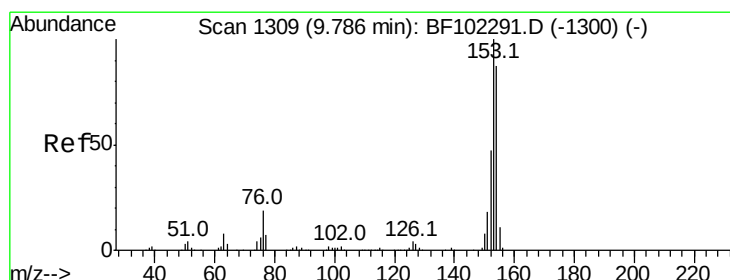
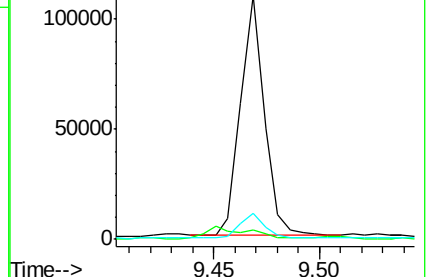
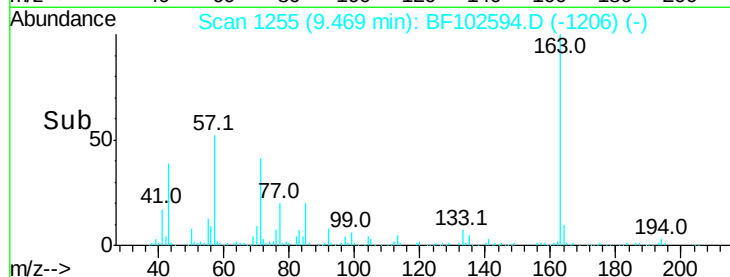
164 10.5 8.2 12.2



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: 7.655 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

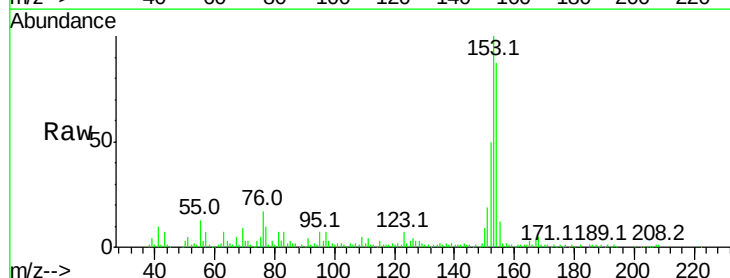
Tgt Ion:154 Resp: 118763

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

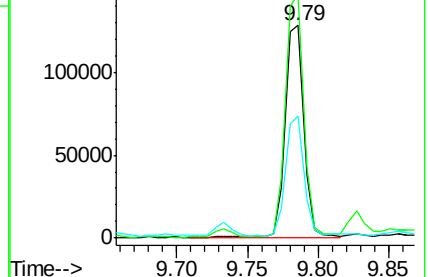
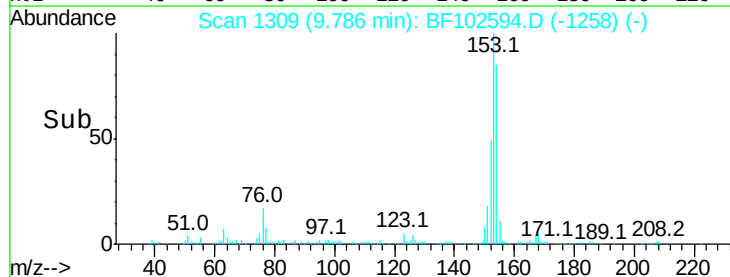
152 57.4 43.8 65.8

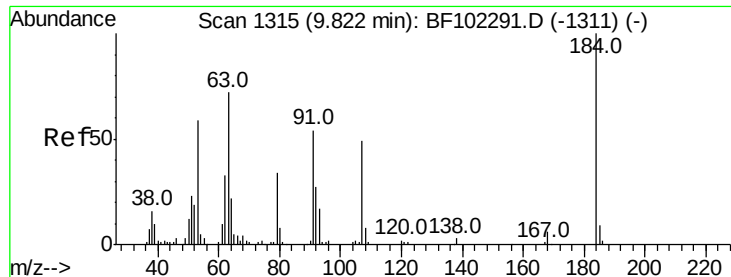


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

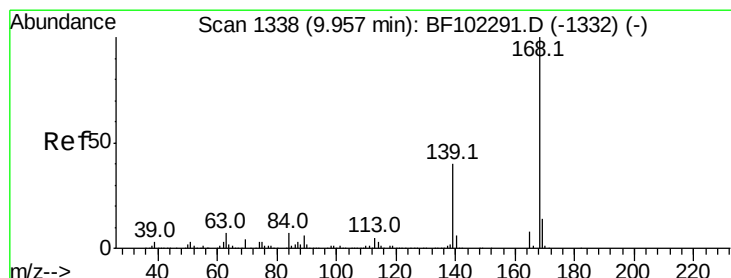
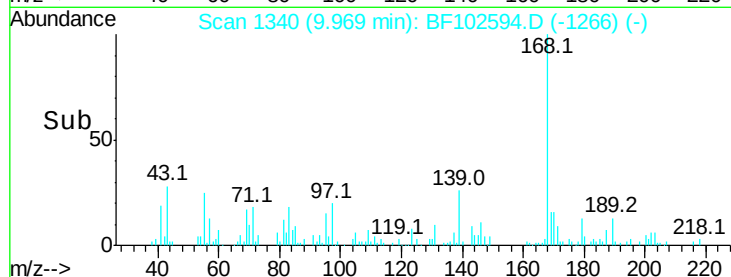
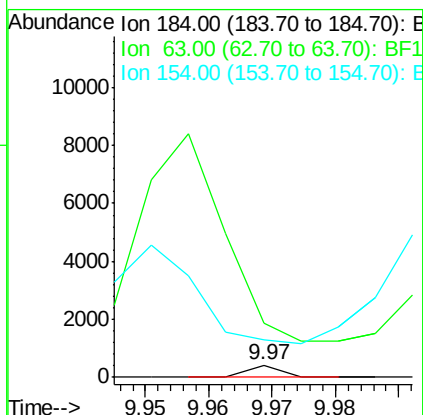
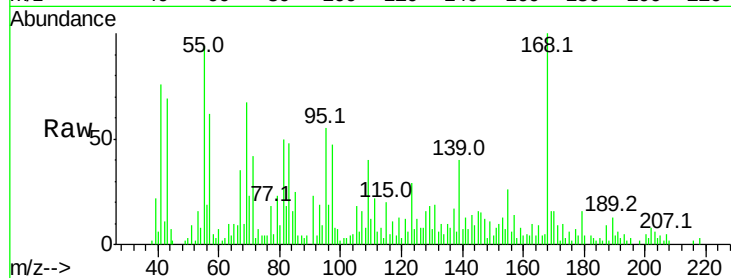




#53
2,4-Dinitrophenol
Concen: 3.769 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.14 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

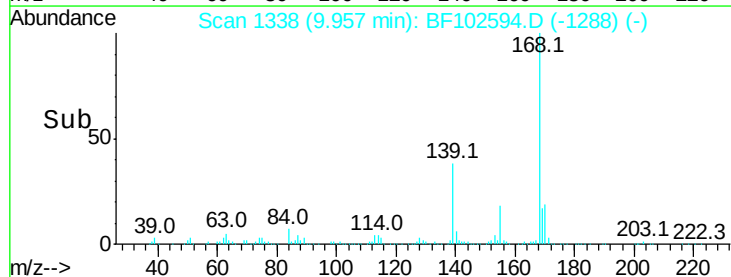
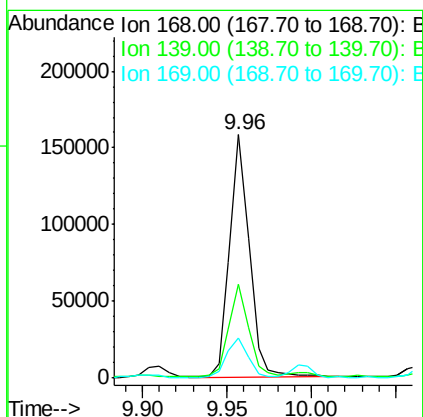
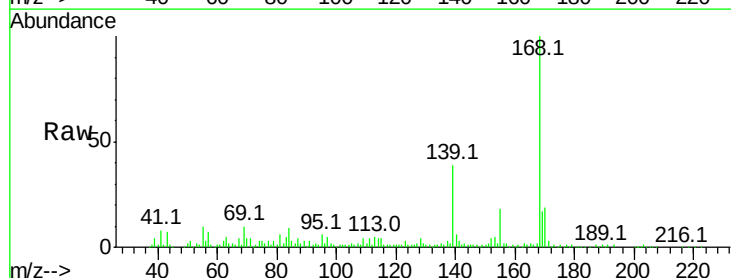
Instrument :
BNA_F
ClientSampled :

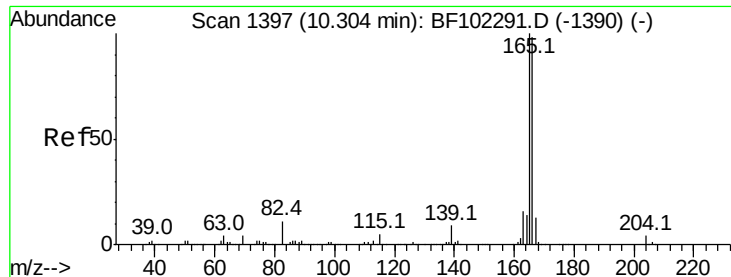
Tot Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 442.3 54.2 81.2#
154 304.9 184.0 276.0#



#54
Dibenzofuran
Concen: 6.123 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Tgt Ion:168 Resp: 128564
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 16.6 10.9 16.3#





#57

Fluorene

Concen: 14.847 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

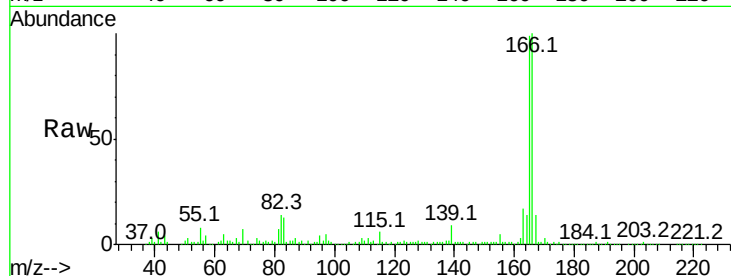
Tot Ion:166 Resp: 247035

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

167 14.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

300000

200000

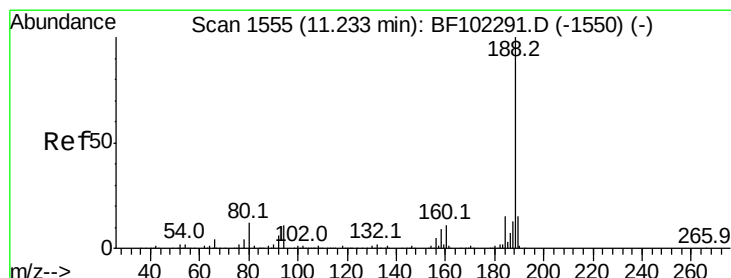
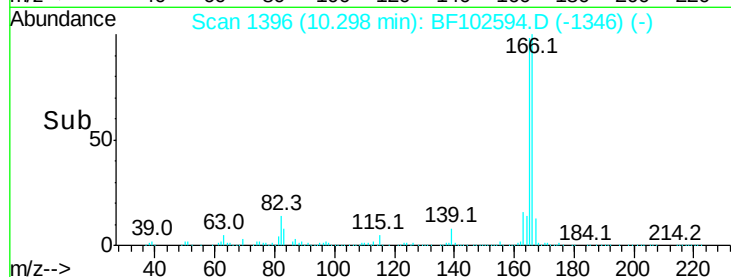
100000

0

10.30

10.35

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

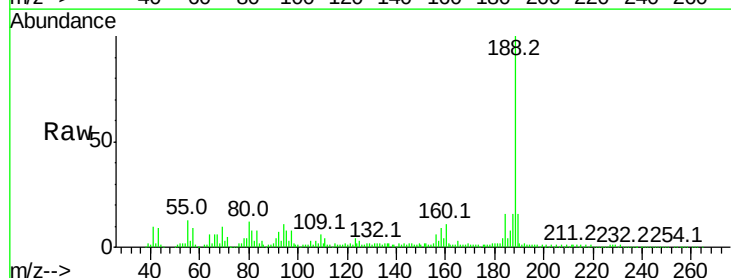
Tgt Ion:188 Resp: 334618

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

80 12.1 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

400000

300000

200000

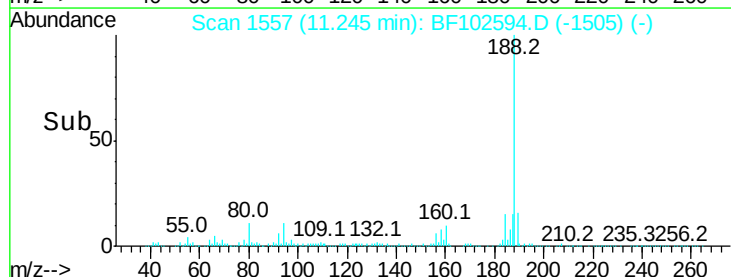
100000

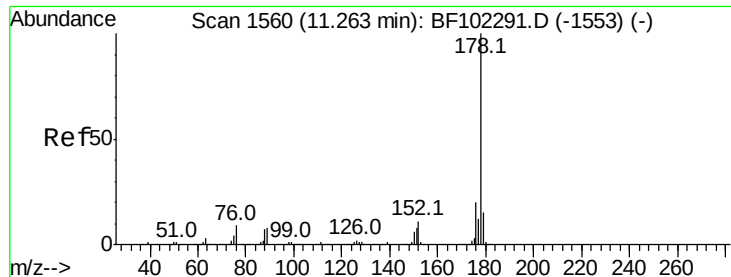
0

11.24

11.25

Time-->





#70

Phenanthrene

Concen: 71.854 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

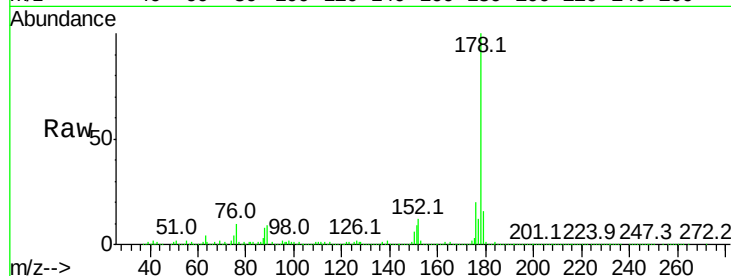
Tot Ion:178 Resp: 1401073

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

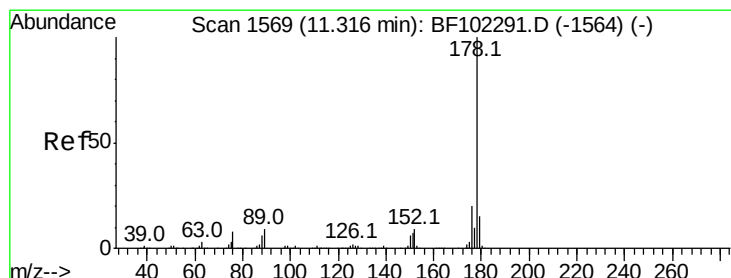
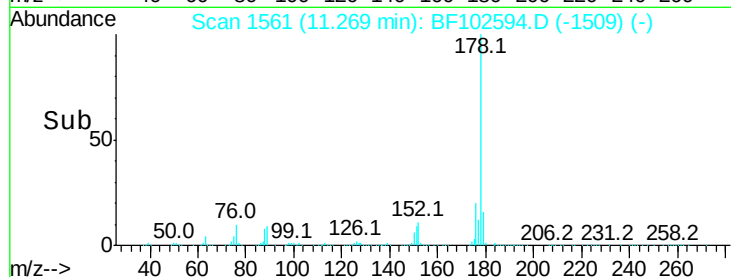
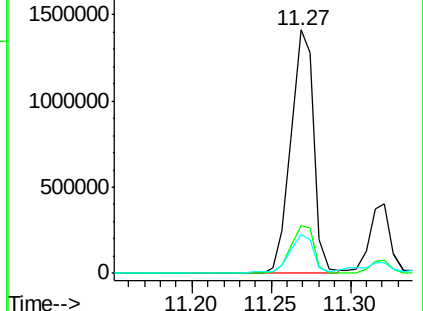
179 16.2 13.0 19.6



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: 17.662 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

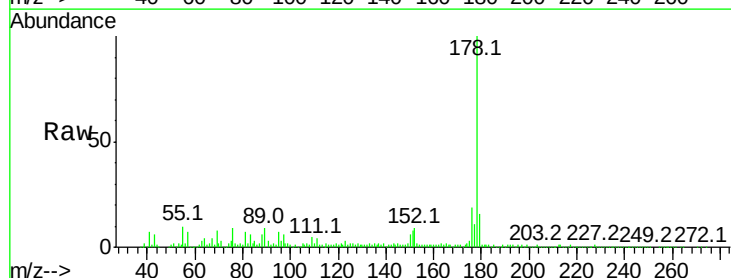
Tgt Ion:178 Resp: 351512

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

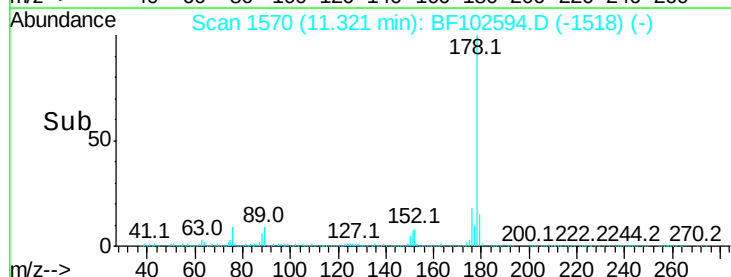
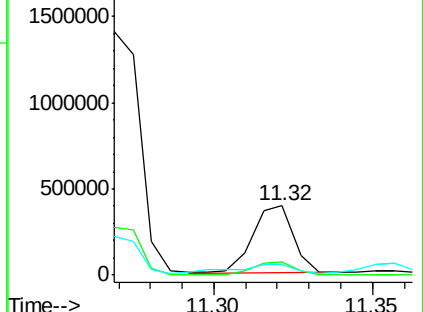
179 16.0 12.6 19.0

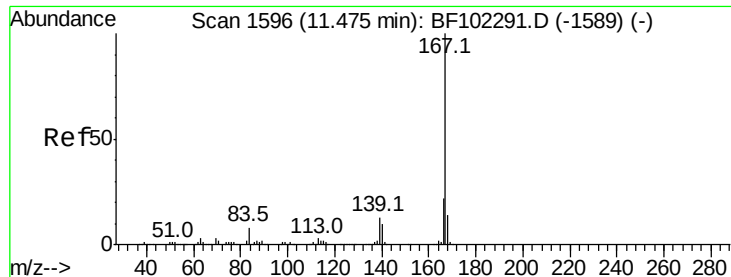


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 8.854 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

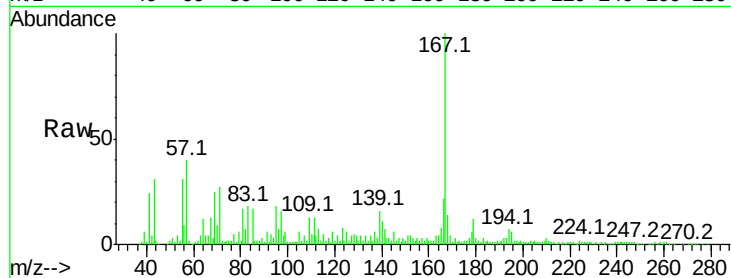
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 171918

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	15.9	10.9	16.3

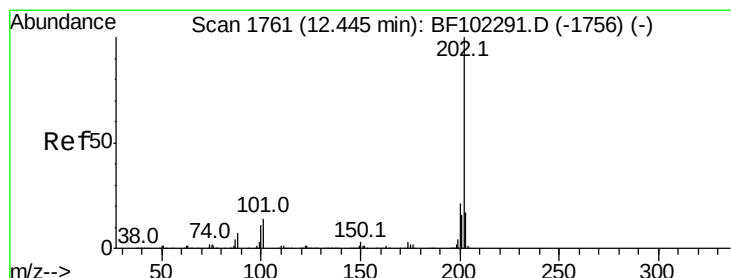
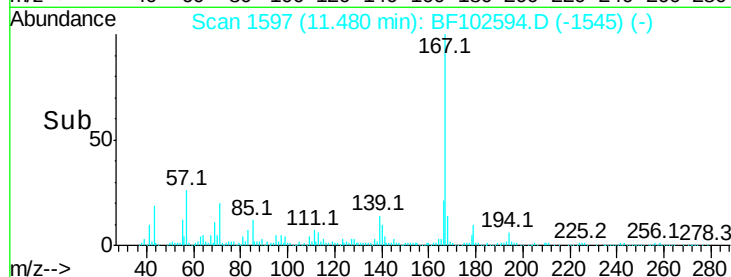
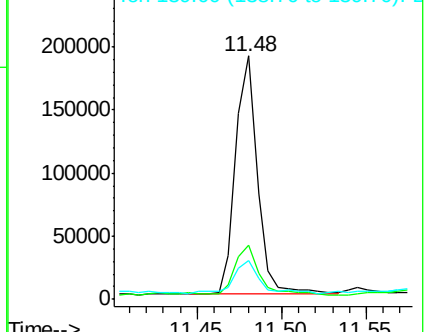


Abundance

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



#74

Fluoranthene

Concen: 71.354 ng

RT: 12.47 min Scan# 1765

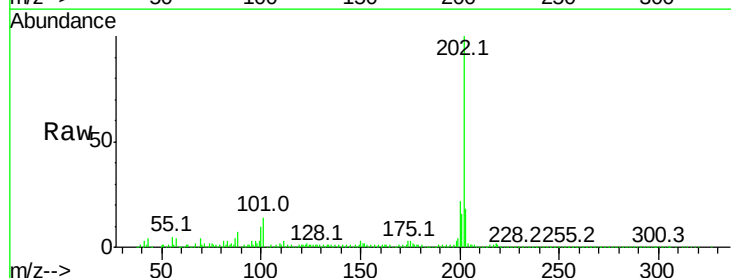
Delta R.T. 0.02 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Tgt Ion:202 Resp: 1418823

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	18.4	0.0	38.1

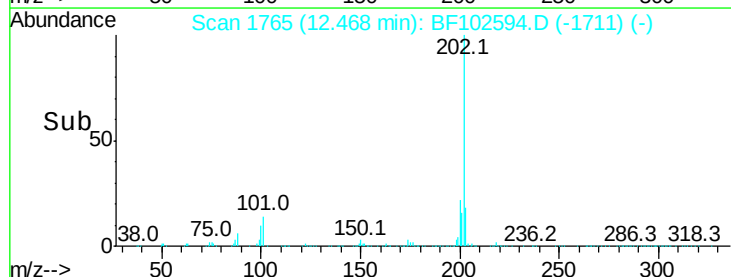
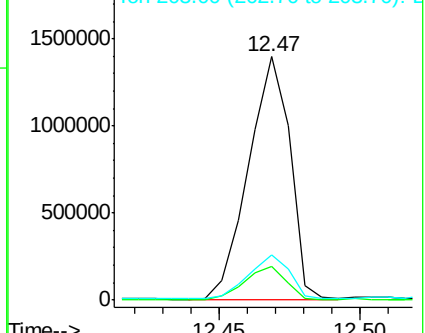


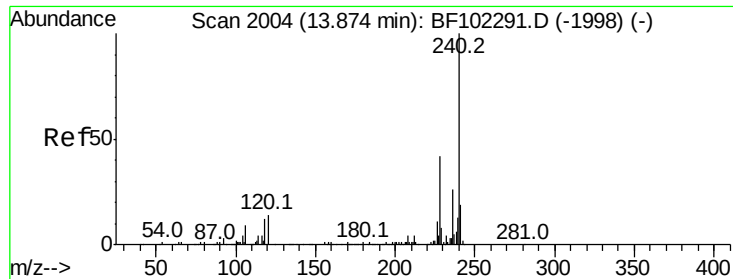
Abundance

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# 2009

Delta R.T. 0.02 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

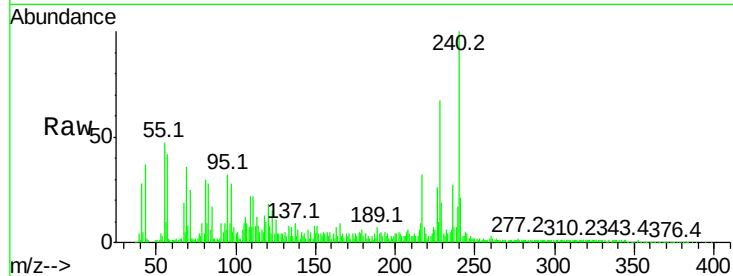
Tot Ion:240 Resp: 252343

Ion Ratio Lower Upper

240 100

120 17.6 9.5 14.3#

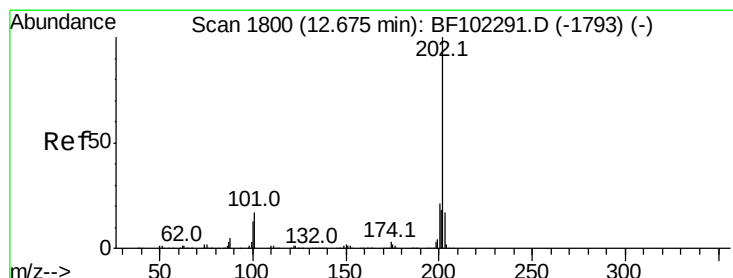
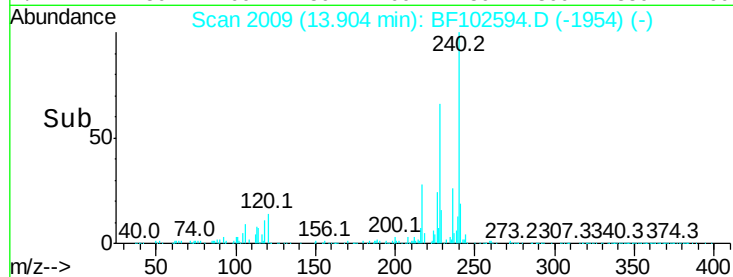
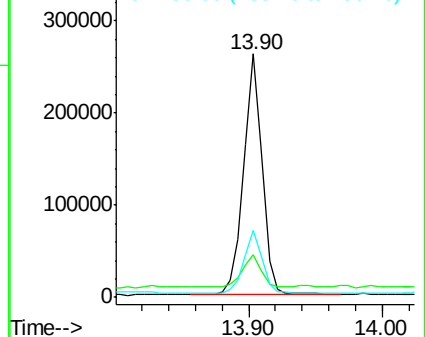
236 27.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 72.120 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

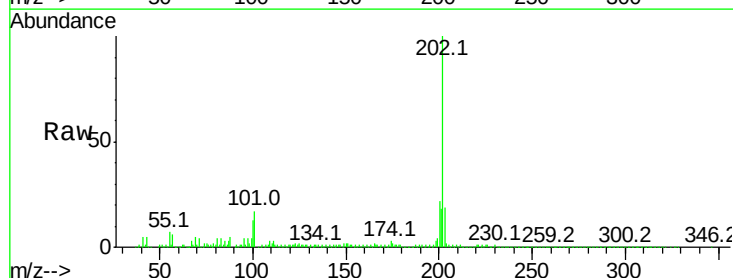
Tgt Ion:202 Resp: 1407072

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

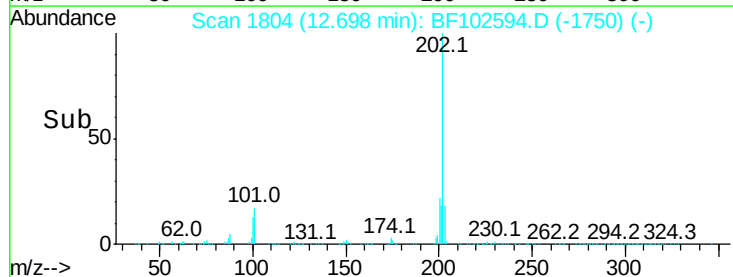
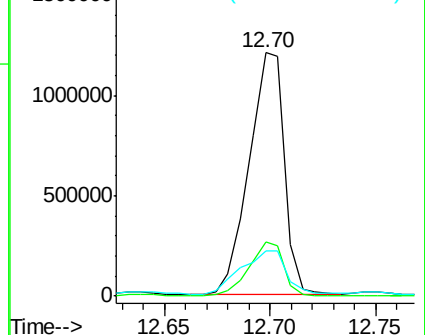
203 18.6 14.3 21.5

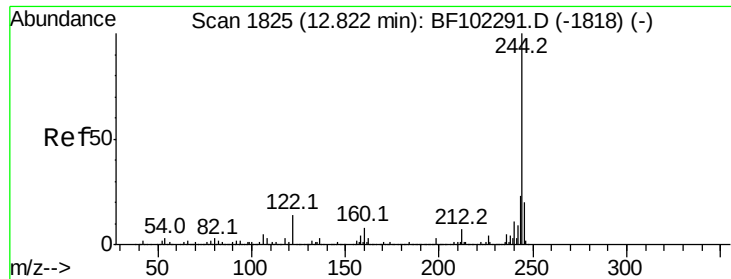


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

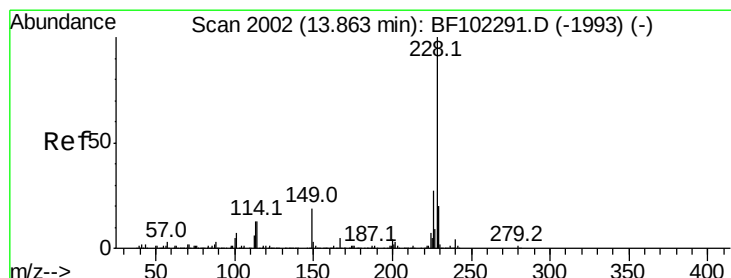
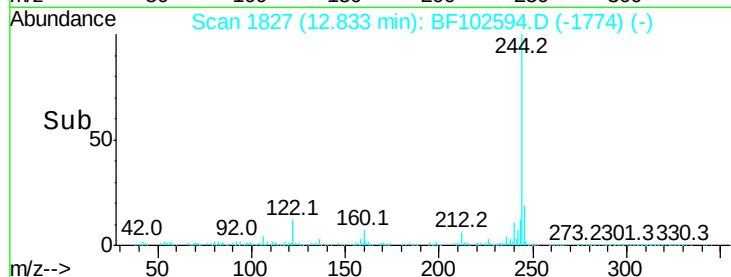
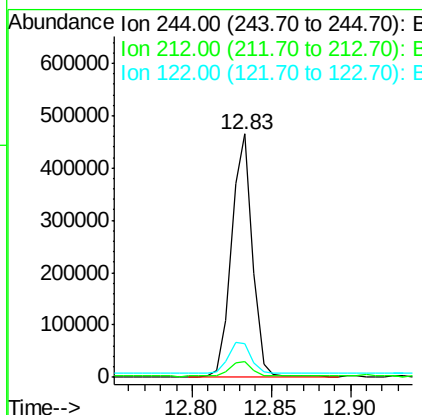
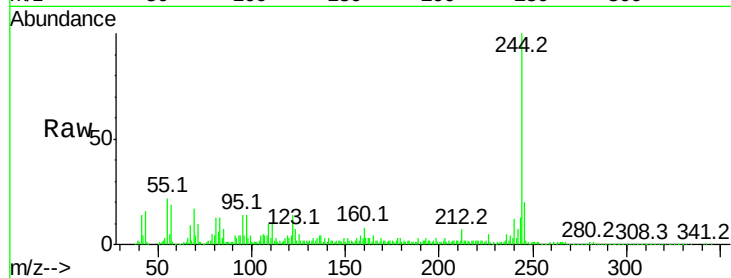




#78
 Terphenyl-d14
 Concen: 37.348 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF102594.D
 Acq: 29 Jan 2018 13:42

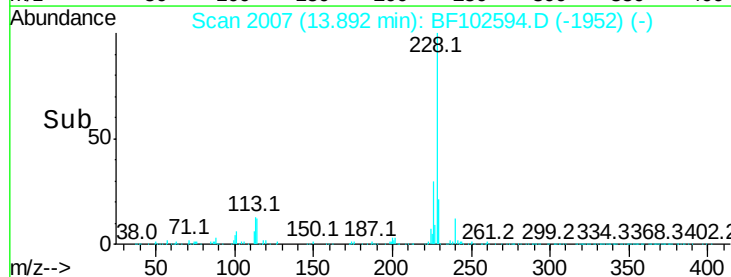
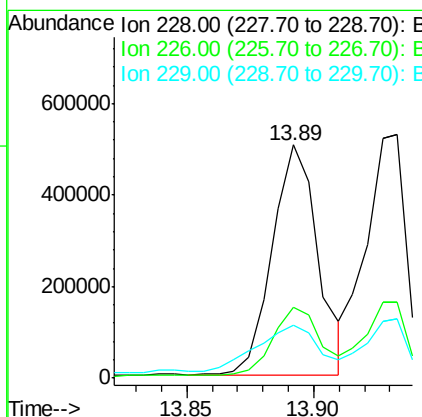
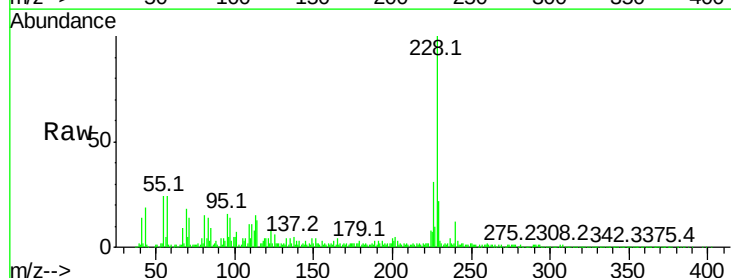
Instrument :
 BNA_F
 ClientSampleId :

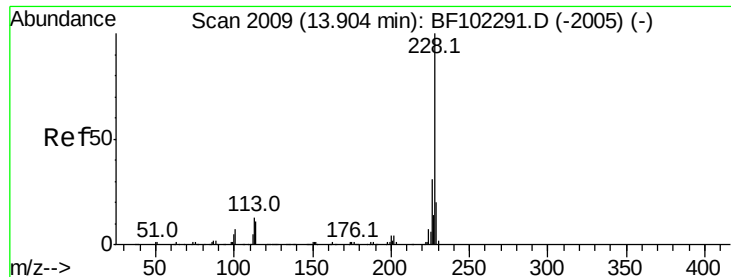
Tot Ion:244 Resp: 418055
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.6 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 40.631 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.02 min
 Lab File: BF102594.D
 Acq: 29 Jan 2018 13:42

Tgt Ion:228 Resp: 631245
 Ion Ratio Lower Upper
 228 100
 226 30.5 22.6 33.8
 229 22.5 15.8 23.6





#82

Chrysene

Concen: 37.351 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

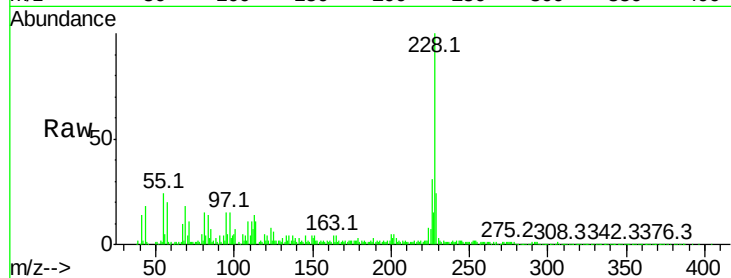
Tot Ion:228 Resp: 589268

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

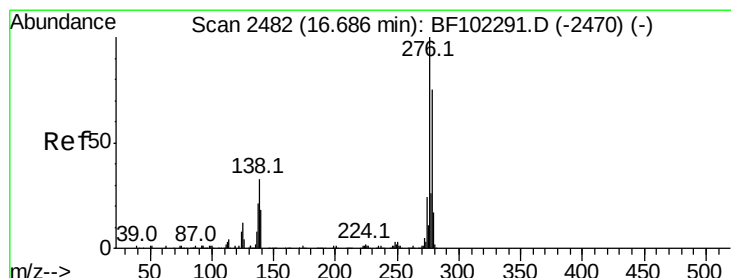
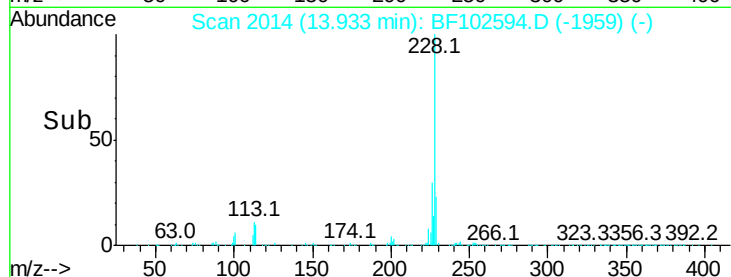
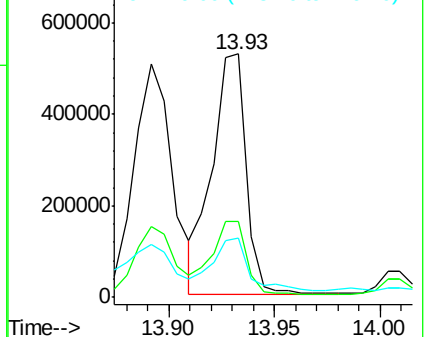
229 24.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 16.217 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.06 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

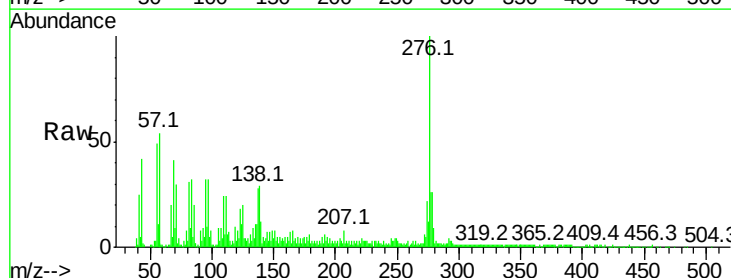
Tgt Ion:276 Resp: 211299

Ion Ratio Lower Upper

276 100

138 29.0 25.0 37.6

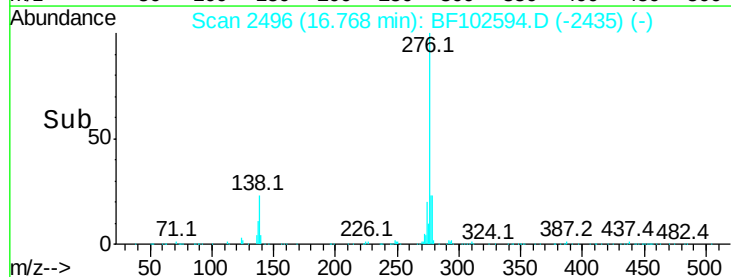
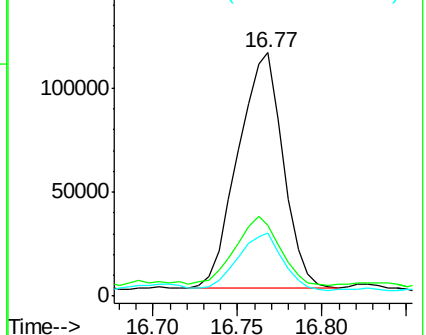
277 24.6 20.1 30.1

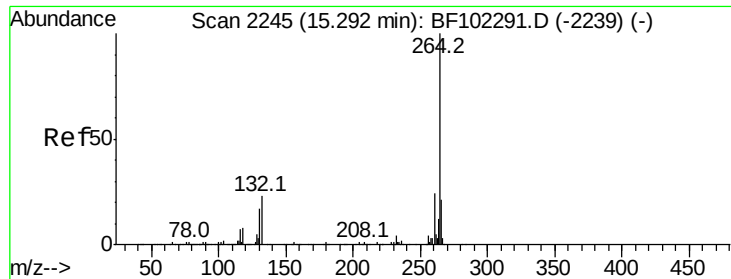


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

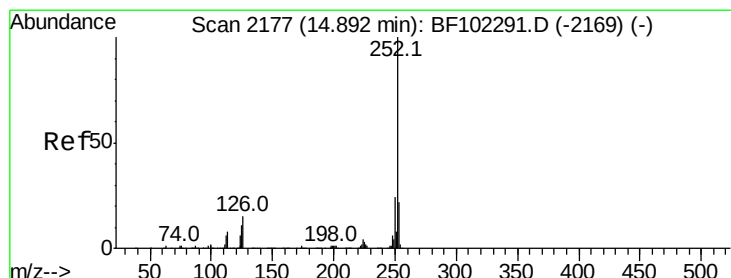
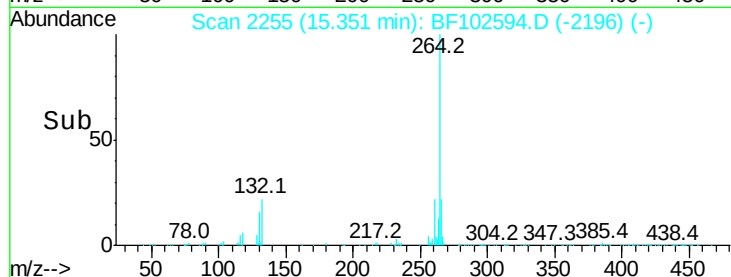
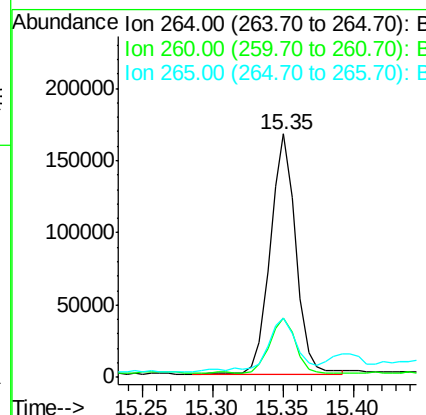
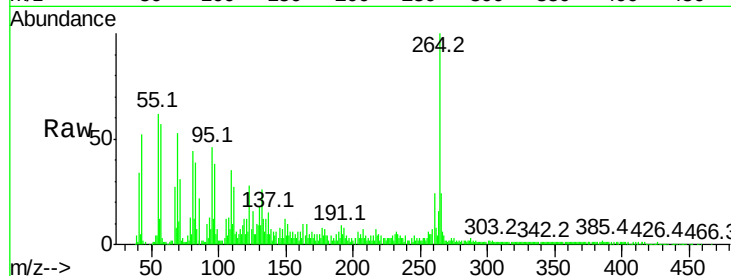




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.05 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

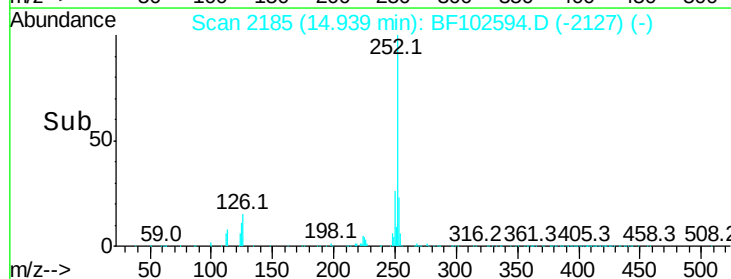
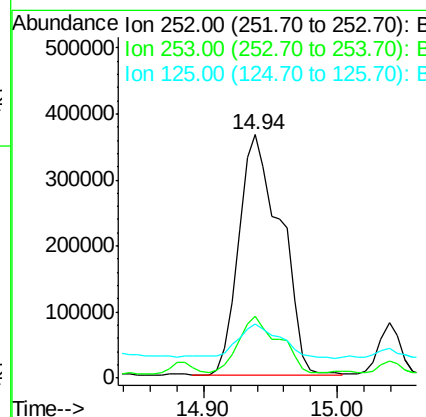
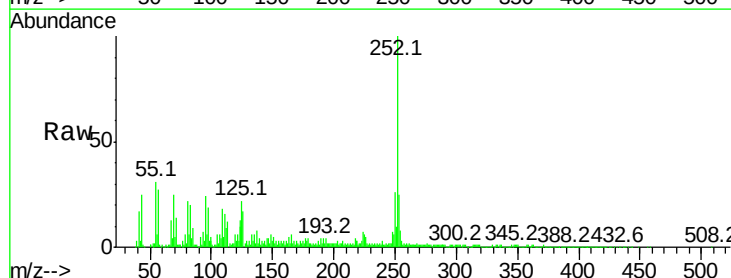
Instrument :
BNA_F
ClientSampleId :

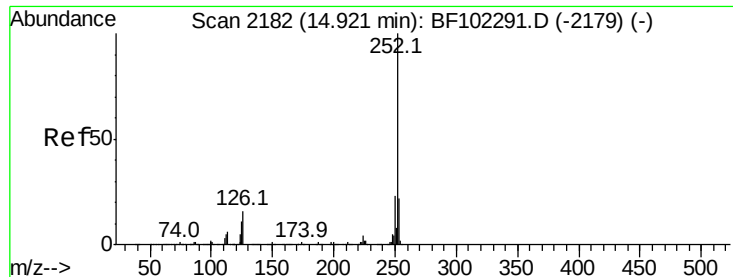
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	24.4	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 57.180 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.04 min
Lab File: BF102594.D
Acq: 29 Jan 2018 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	22.0	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 60.522 ng

RT: 14.94 min Scan# 2185

Delta R.T. 0.01 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampled :

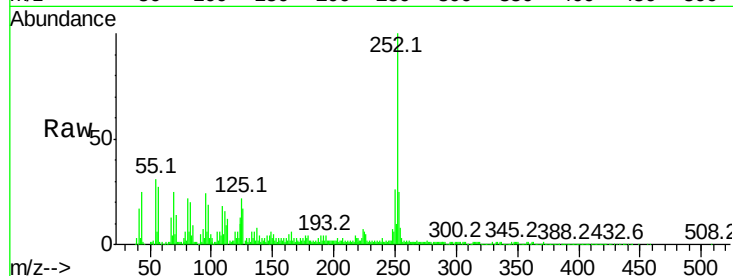
Tot Ion:252 Resp: 790585

Ion Ratio Lower Upper

252 100

253 25.4 17.9 26.9

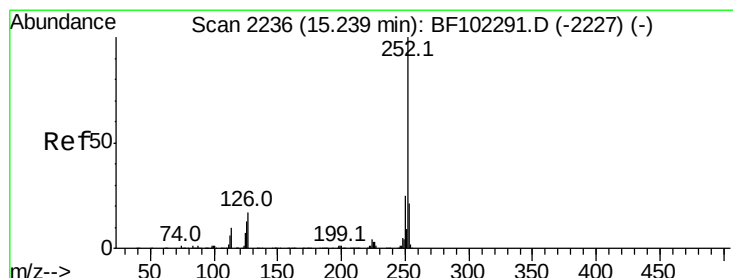
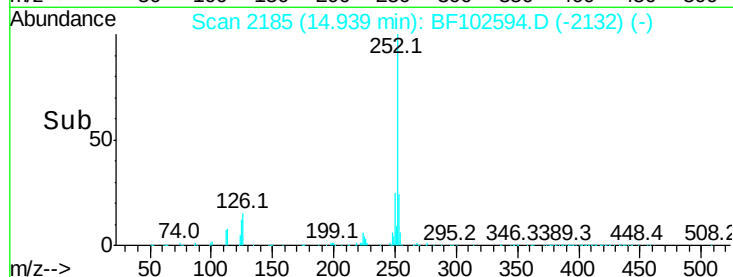
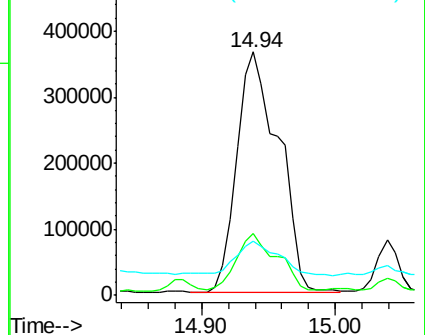
125 22.0 10.2 15.2#



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(a)pyrene

Concen: 31.125 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.04 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

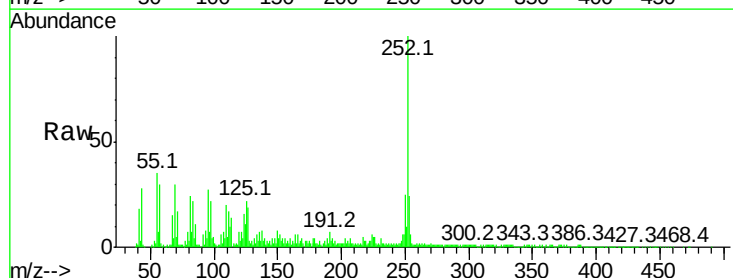
Tgt Ion:252 Resp: 388126

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

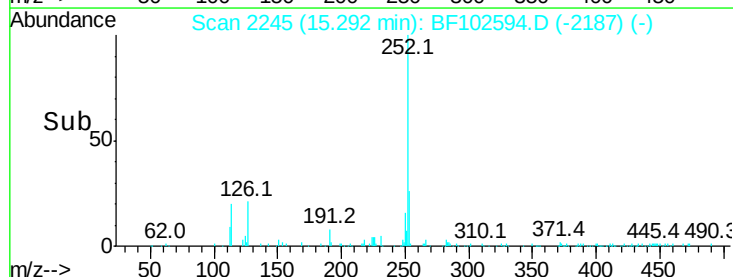
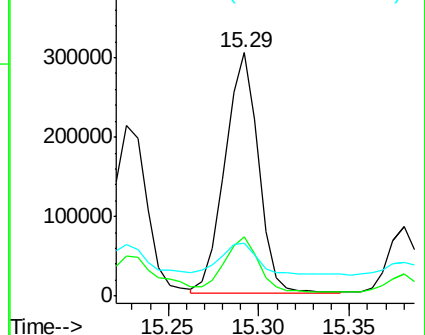
125 21.8 9.8 14.6#

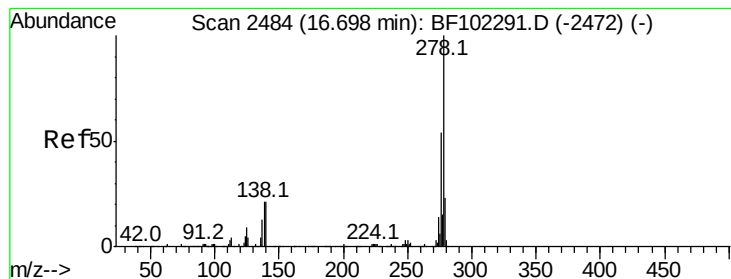


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.333 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.04 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Instrument :

BNA_F

ClientSampleId :

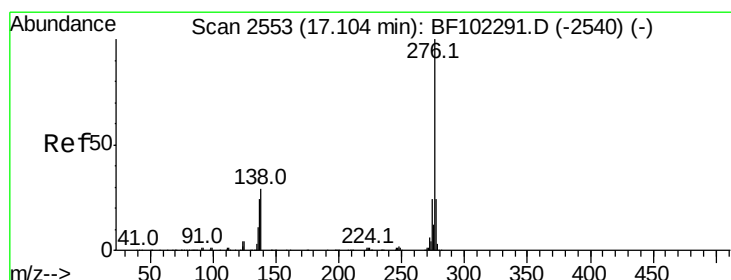
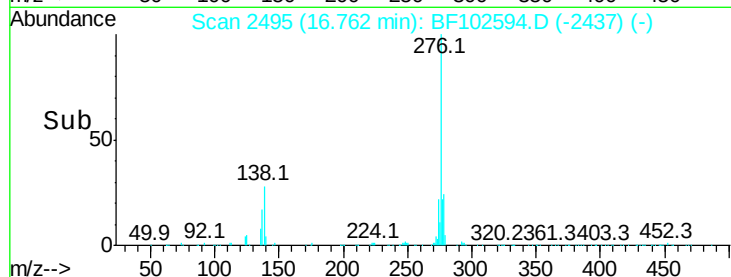
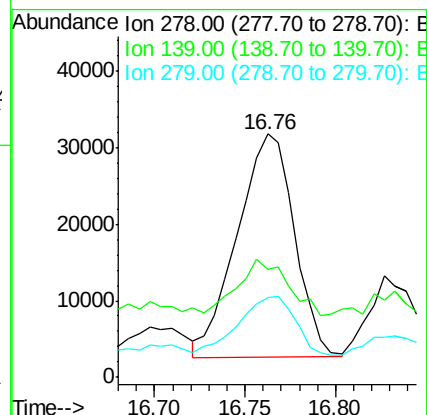
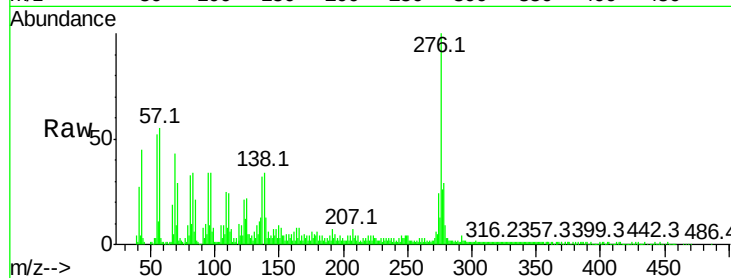
Tot Ion:278 Resp: 63967

Ion Ratio Lower Upper

278 100

139 44.6 15.9 23.9#

279 32.6 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 20.370 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.06 min

Lab File: BF102594.D

Acq: 29 Jan 2018 13:42

Tgt Ion:276 Resp: 203167

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 31.9 21.8 32.8

