

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
 Data File : BF092877.D
 Acq On : 9 Feb 2017 2:14
 Operator : SJ/MA
 Sample : I1728-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

Quant Time: Feb 09 02:42:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143499	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	555767	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	312169	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	525096	20.00	ng	0.00
75) Chrysene-d12	14.07	240	406828	20.00	ng	0.00
86) Perylene-d12	15.51	264	328751	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	107548	12.86	ng	-0.01
7) Phenol-d6	6.52	99	143903	13.37	ng	-0.01
23) Nitrobenzene-d5	7.46	82	81132	8.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	27237	12.06	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	168751	9.79	ng	-0.01
78) Terphenyl-d14	13.00	244	155268	8.97	ng	-0.01

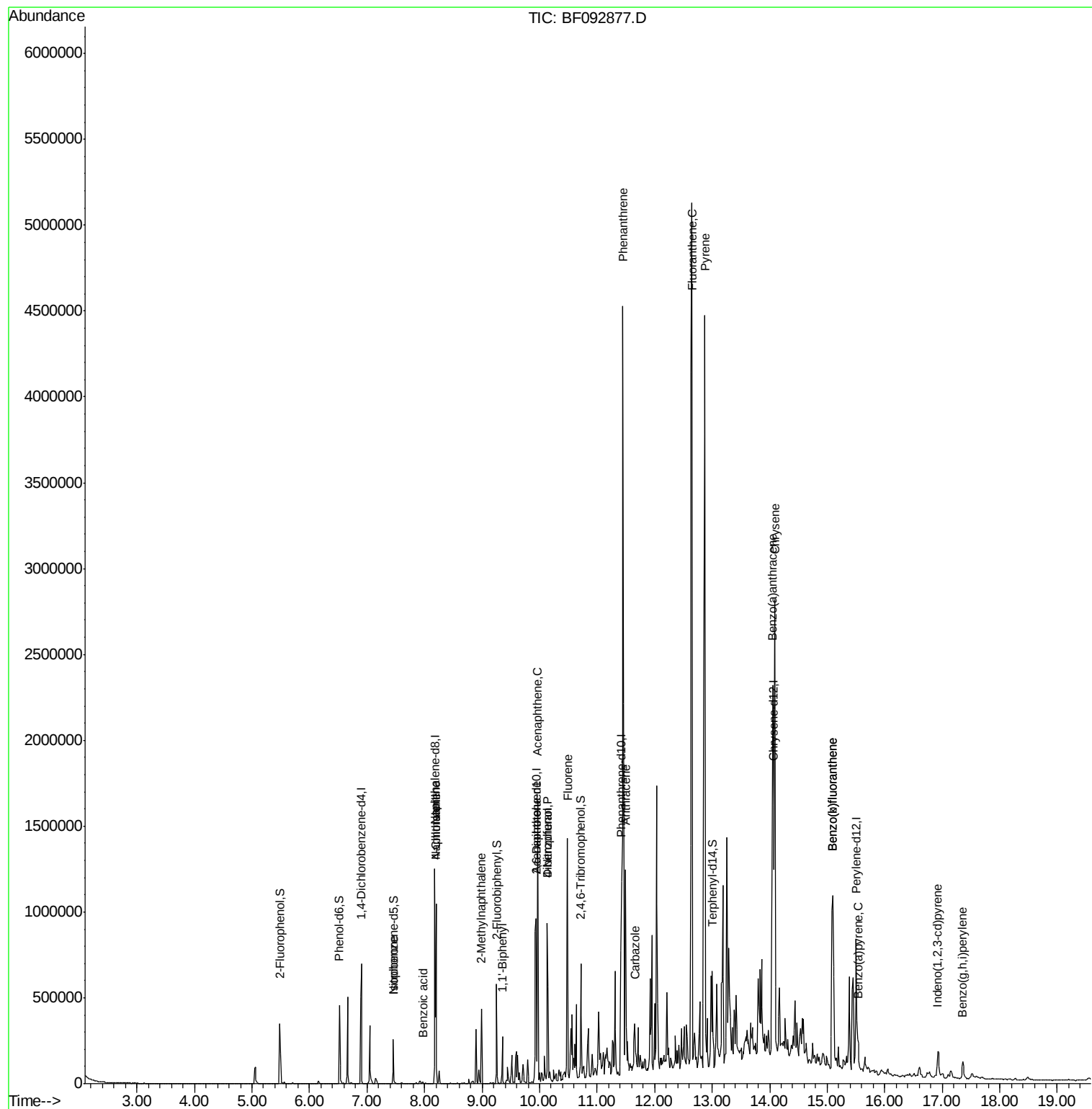
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.46	82	81144	4.36	ng	# 65
31) Naphthalene	8.20	128	415351	14.74	ng	98
32) Benzoic acid	7.97	122	266	7.21	ng	# 33
33) 4-Chloroaniline	8.20	127	55220	5.00	ng	# 34
37) 2-Methylnaphthalene	8.99	142	109944	6.08	ng	96
45) 1,1'-Biphenyl	9.36	154	82520	3.65	ng	99
50) 2,6-Dinitrotoluene	9.94	165	47364	10.43	ng	# 31
51) Acenaphthene	9.96	154	518802	28.41	ng	96
54) Dibenzofuran	10.13	168	454317	18.60	ng	97
55) 4-Nitrophenol	10.13	139	159791	42.69	ng	# 6
57) Fluorene	10.49	166	612399	32.59	ng	98
70) Phenanthrene	11.45	178	2352667	78.20	ng	99
71) Anthracene	11.49	178	456391	15.11	ng	98
72) Carbazole	11.65	167	106933	3.70	ng	97
74) Fluoranthene	12.65	202	3063111	98.71	ng	95
77) Pyrene	12.88	202	2709502	88.99	ng	100
80) Benzo(a)anthracene	14.05	228	845902	34.00	ng	98
82) Chrysene	14.09	228	1014178	43.53	ng	98
85) Indeno(1,2,3-cd)pyrene	16.92	276	108146	5.99	ng	97
87) Benzo(b)fluoranthene	15.09	252	851703	39.36	ng	99
88) Benzo(k)fluoranthene	15.09	252	851703	45.59	ng	98
89) Benzo(a)pyrene	15.54	252	76793	4.10	ng	97
91) Benzo(g,h,i)perylene	17.36	276	78477	5.14	ng	# 90

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

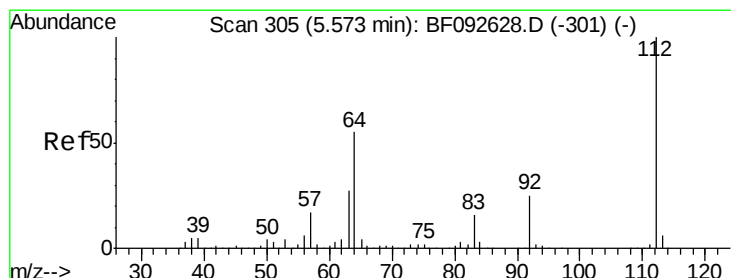
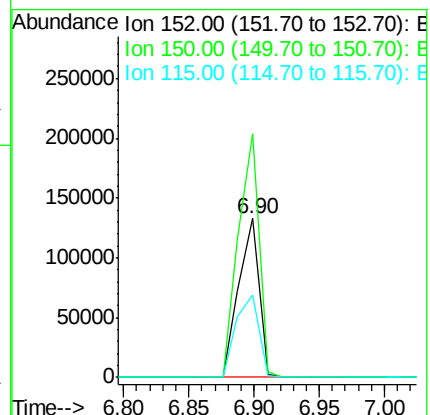
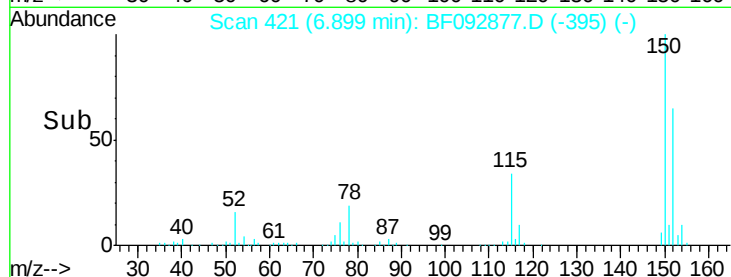
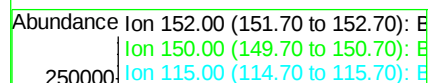
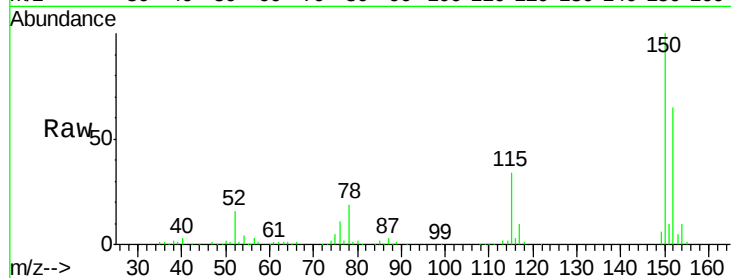
Tgt Ion:152 Resp: 143499

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

115 52.1 46.0 69.0



#5

2-Fluorophenol

Concen: 12.86 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

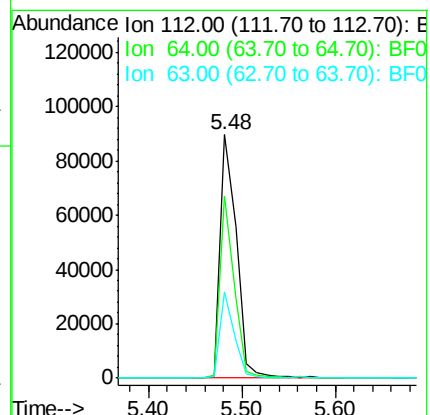
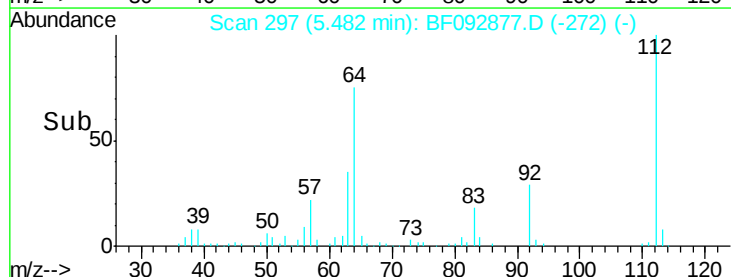
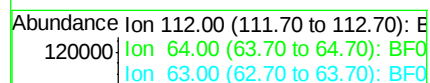
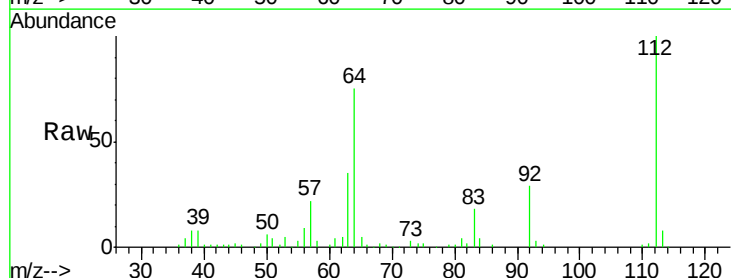
Tgt Ion:112 Resp: 107548

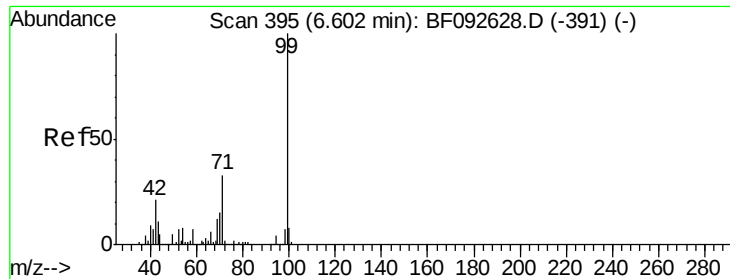
Ion Ratio Lower Upper

112 100

64 74.7 46.1 69.1#

63 35.2 23.8 35.6





#7

Phenol-d6

Concen: 13.37 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

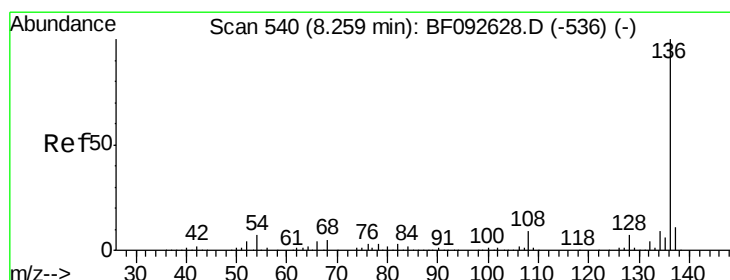
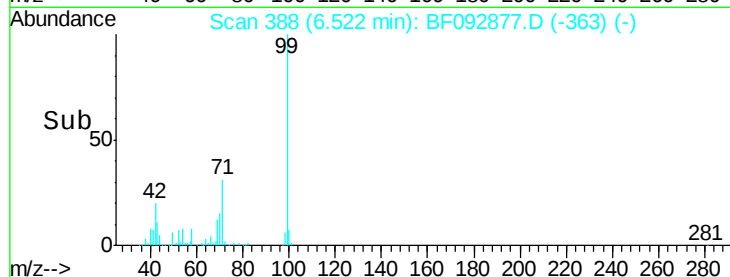
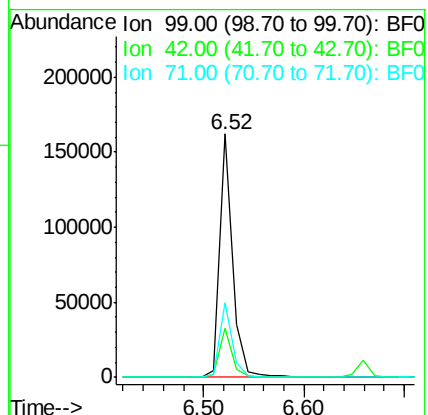
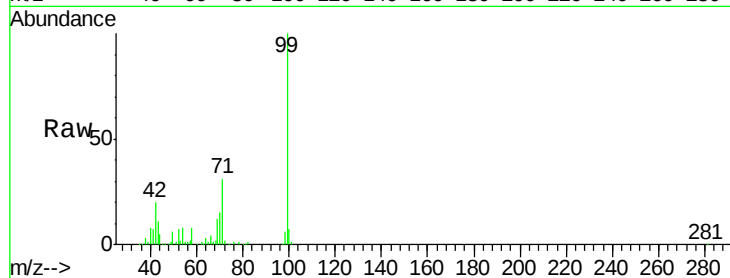
Tgt Ion: 99 Resp: 143903

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 30.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Tgt Ion: 136 Resp: 555767

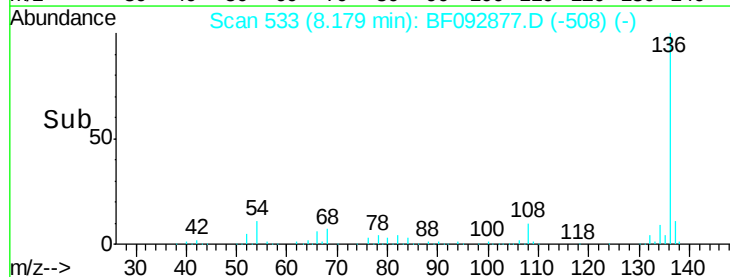
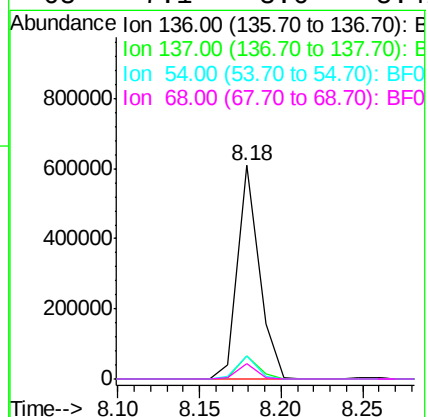
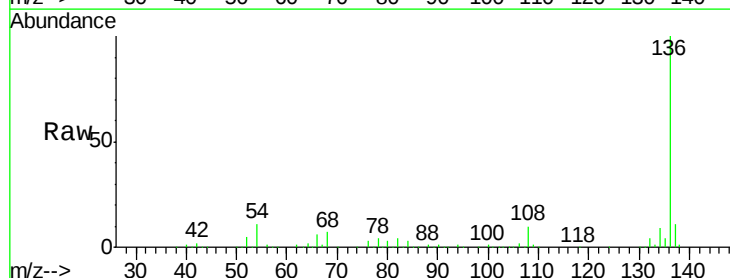
Ion Ratio Lower Upper

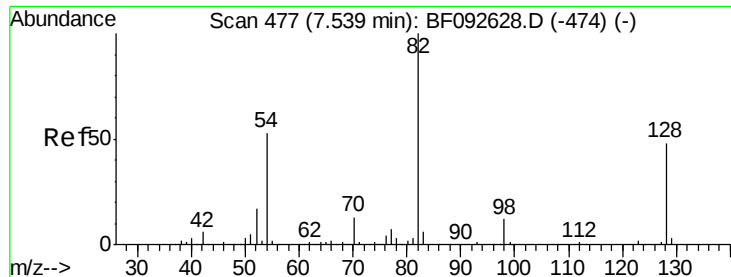
136 100

137 10.9 8.4 12.6

54 10.6 4.5 6.7#

68 7.1 3.6 5.4#

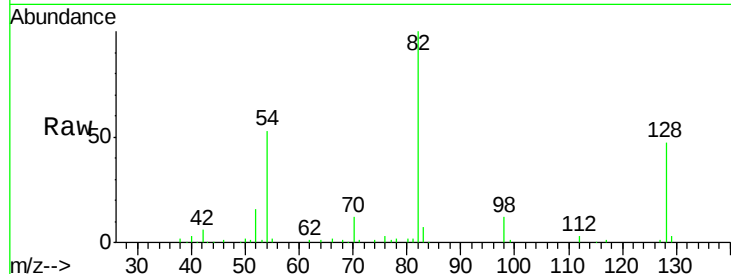




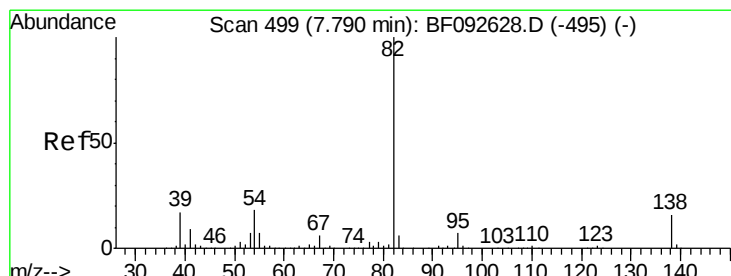
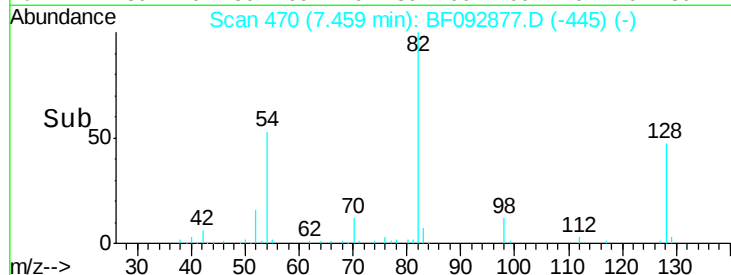
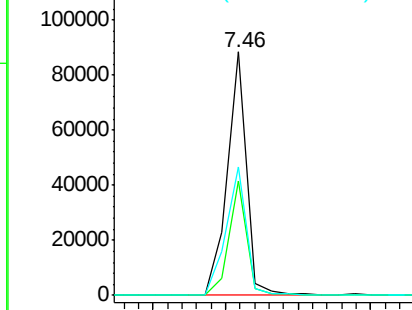
#23
 Nitrobenzene-d5
 Concen: 8.13 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

Tgt Ion: 82 Resp: 81132
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 52.0
 54 52.6 39.5 59.3

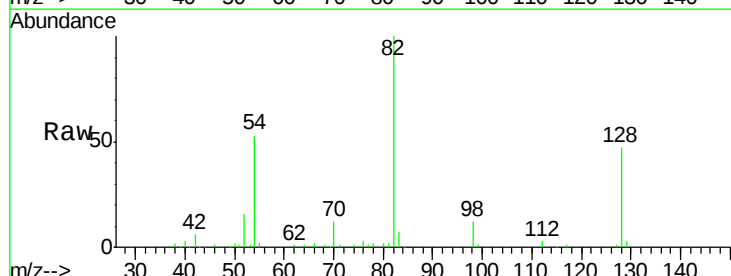


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

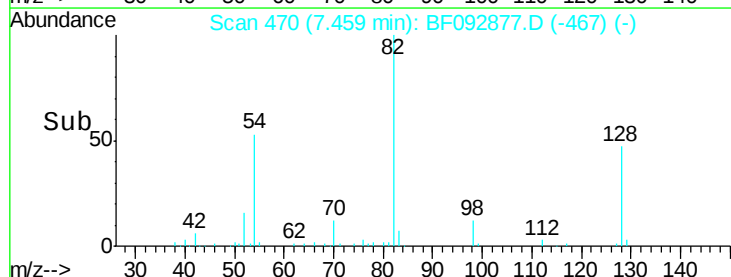
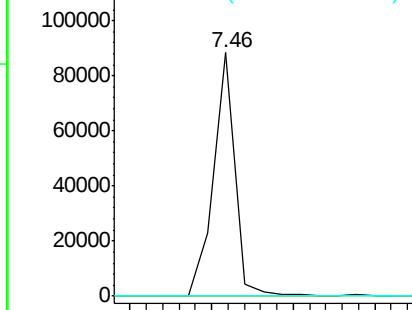


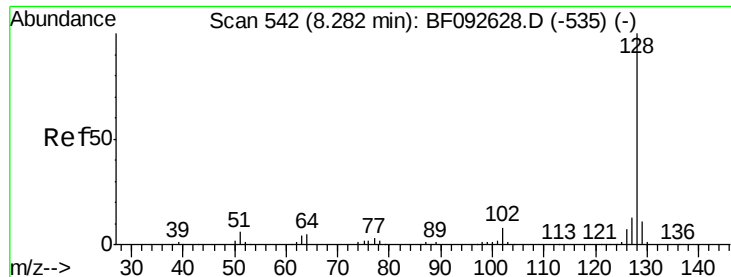
#25
 Isophorone
 Concen: 4.36 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.26 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Tgt Ion: 82 Resp: 81144
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

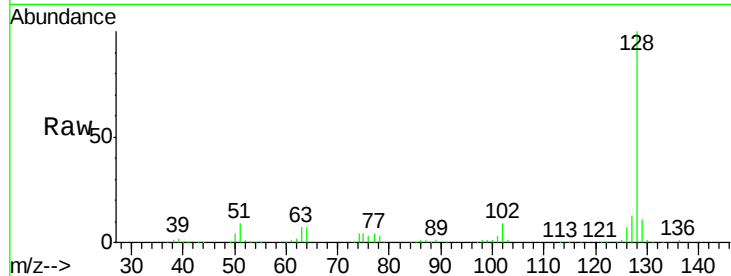




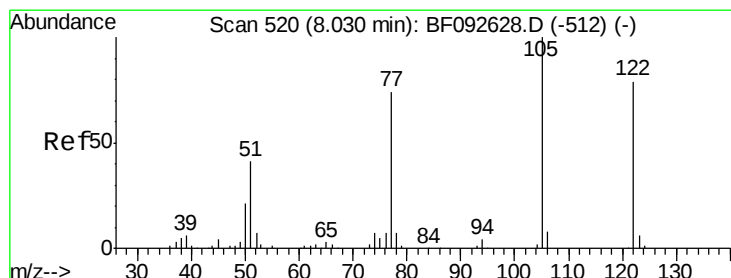
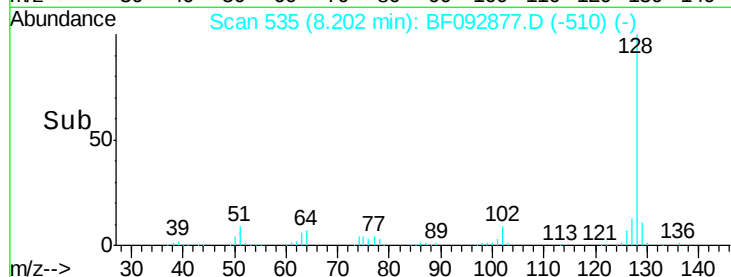
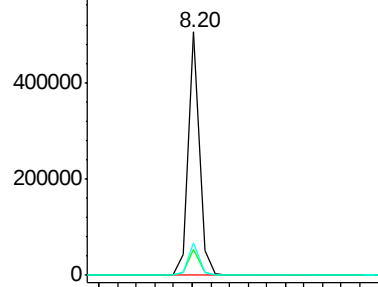
#31
Naphthalene
Concen: 14.74 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:128 Resp: 415351
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 13.2 10.8 16.2

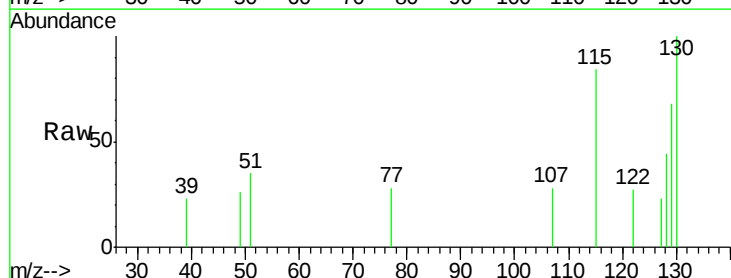


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

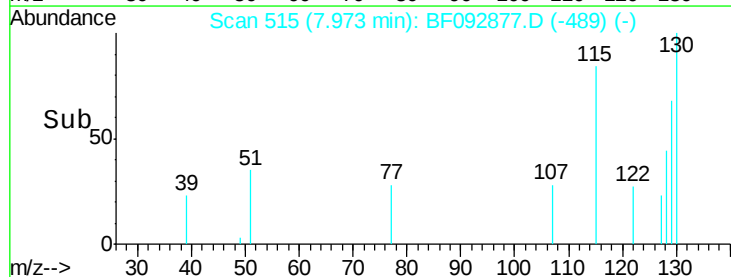
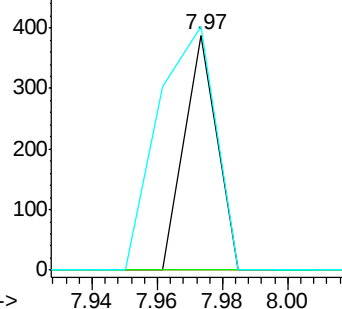


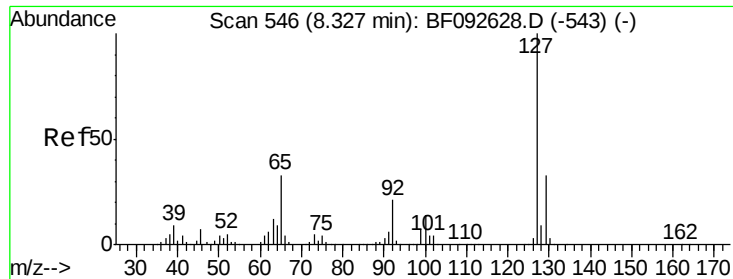
#32
Benzoic acid
Concen: 7.21 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:122 Resp: 266
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 103.6 74.5 114.5



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): BF0

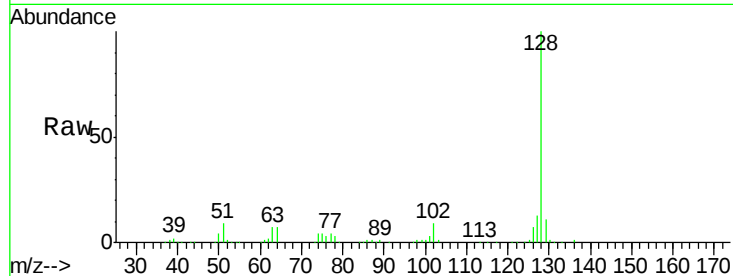




#33
 4-Chloroaniline
 Concen: 5.00 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

Tgt Ion	Ratio	Lower	Upper
127	100		
129	82.7	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



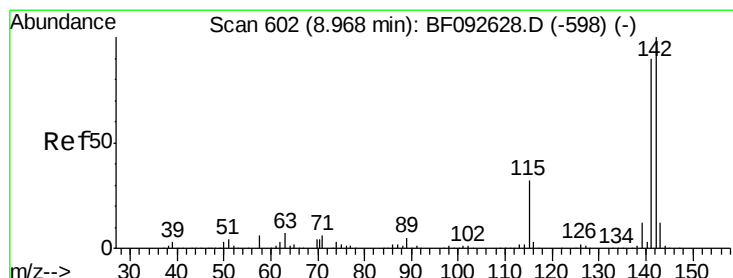
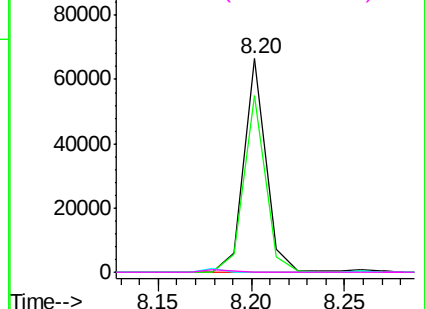
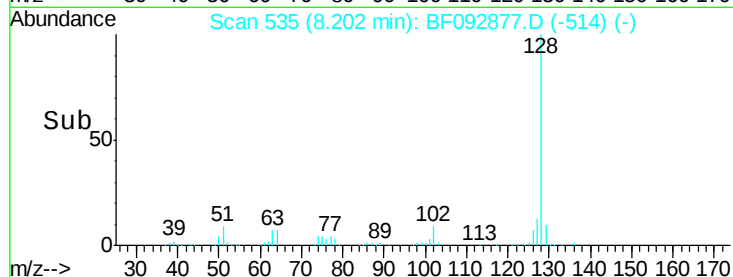
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

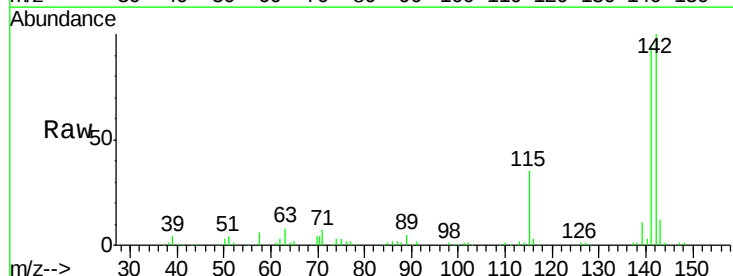
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37
 2-Methylnaphthalene
 Concen: 6.08 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.09 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	71.0	106.6
115	34.7	28.3	42.5

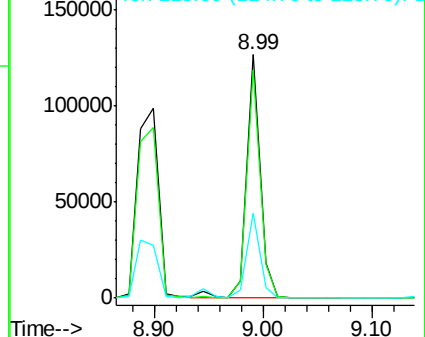
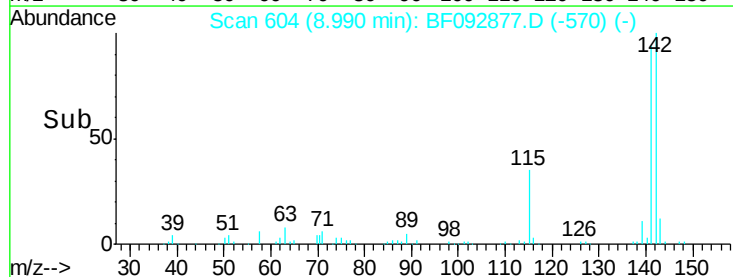


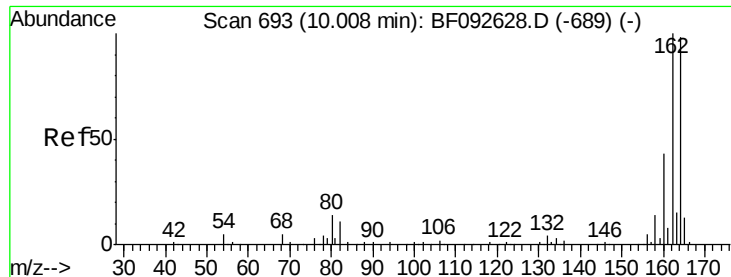
Abundance

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: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

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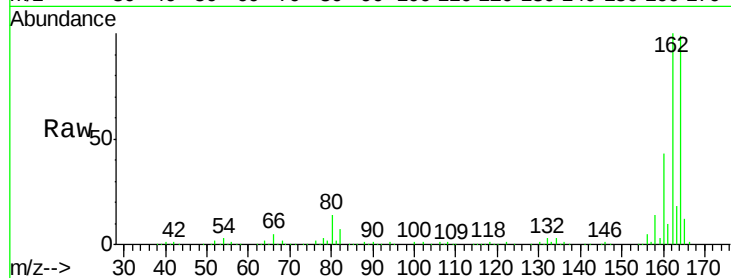
Tgt Ion:164 Resp: 312169

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

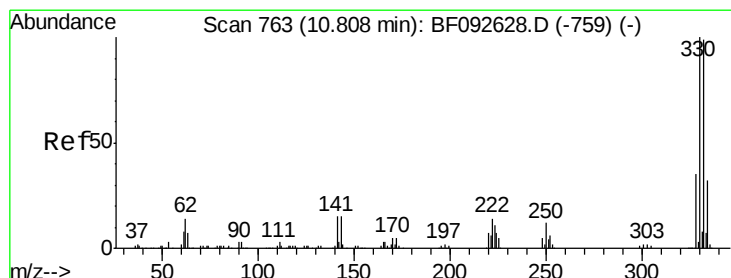
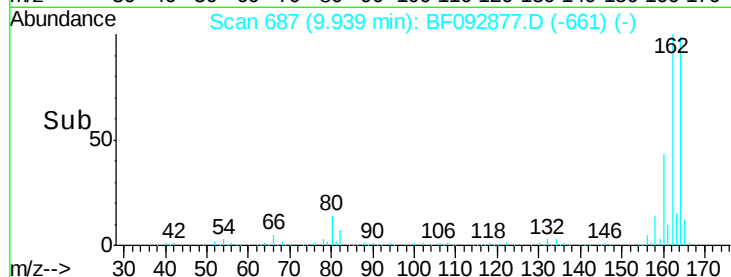
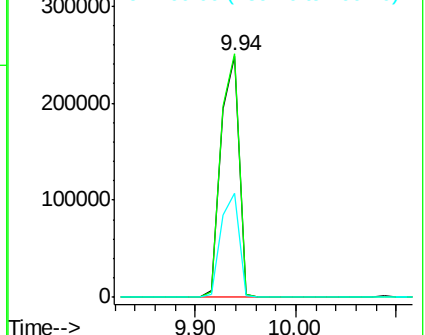
160 43.0 36.9 55.3



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: 12.06 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

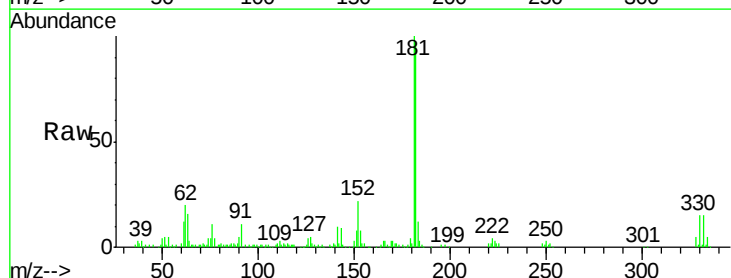
Tgt Ion:330 Resp: 27237

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

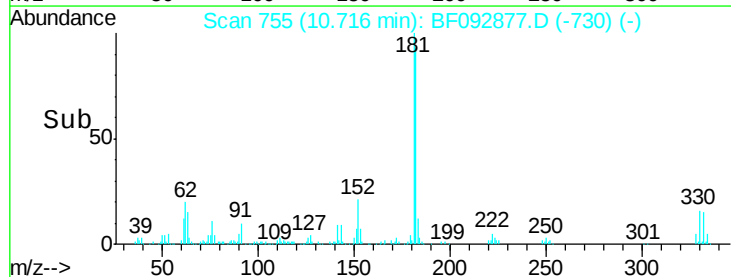
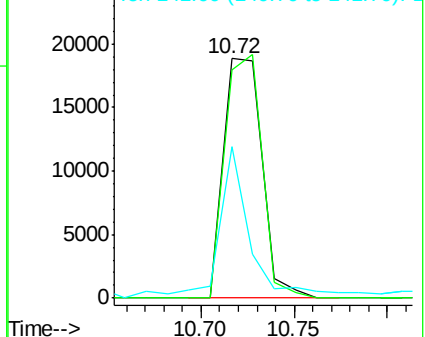
141 53.3 34.1 51.1#

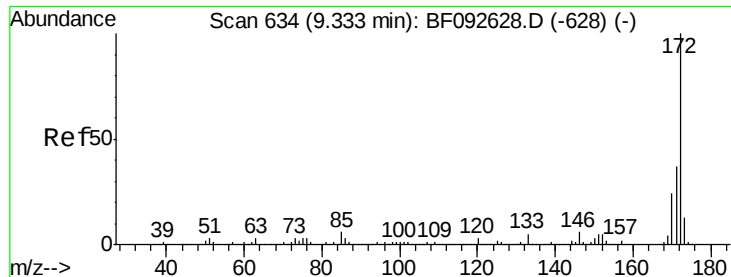


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

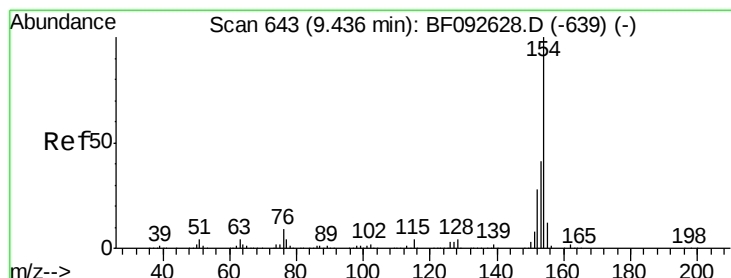
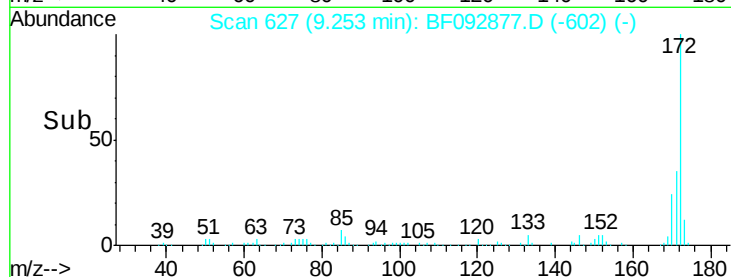
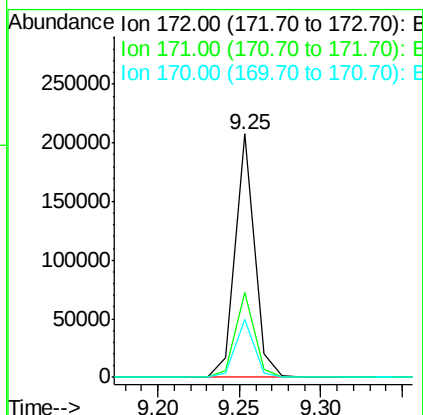
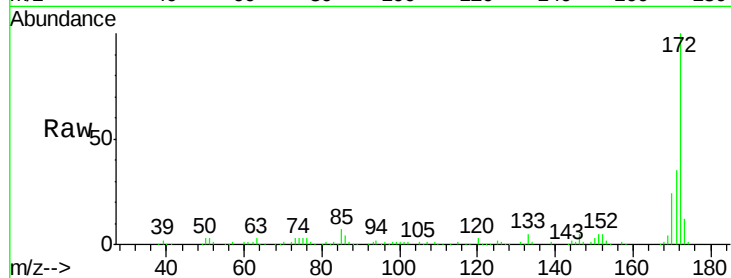




#44
2-Fluorobiphenyl
Concen: 9.79 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

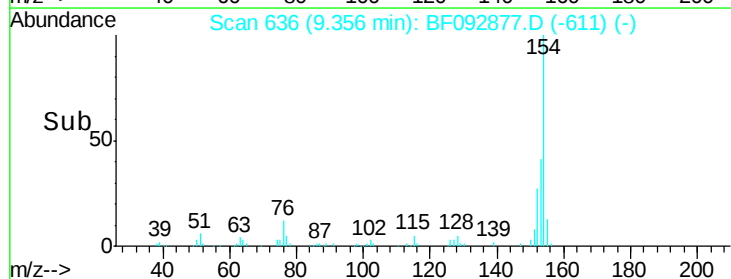
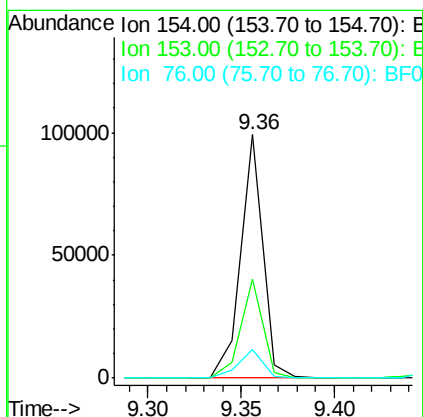
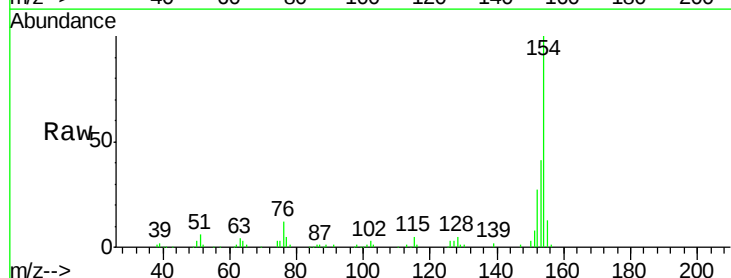
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

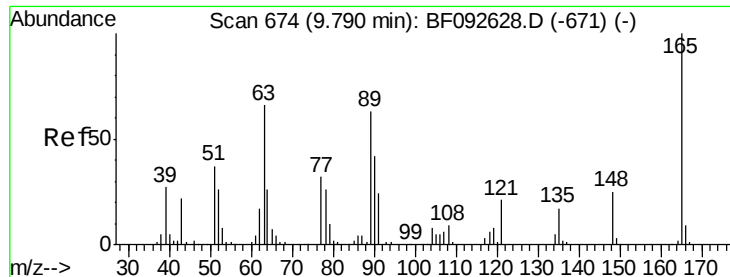
Tgt Ion:172 Resp: 168751
Ion Ratio Lower Upper
172 100
171 34.6 29.4 44.0
170 23.6 20.2 30.4



#45
1,1'-Biphenyl
Concen: 3.65 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:154 Resp: 82520
Ion Ratio Lower Upper
154 100
153 40.7 20.9 60.9
76 12.0 0.0 30.5

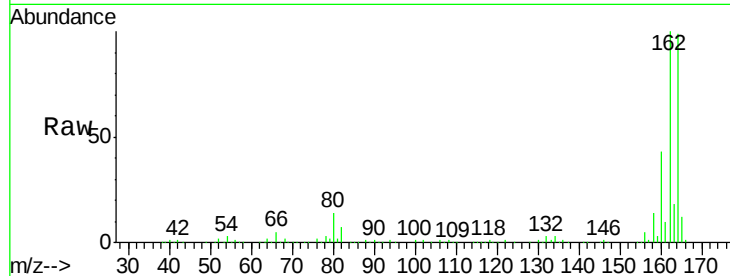




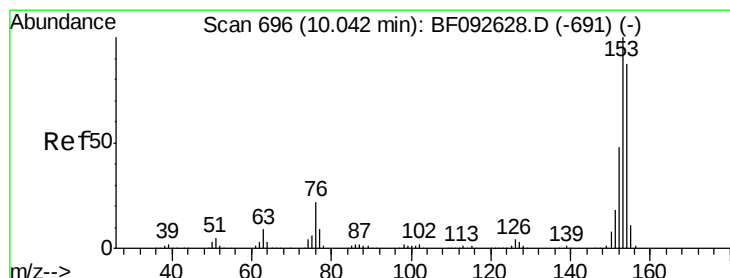
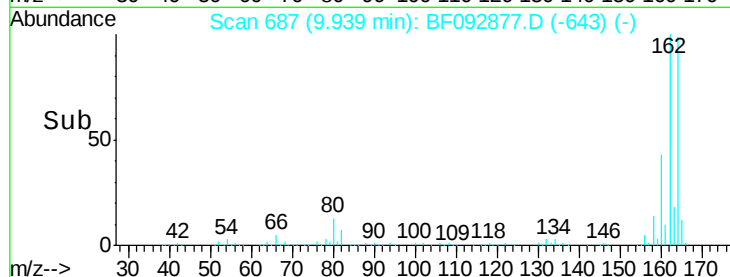
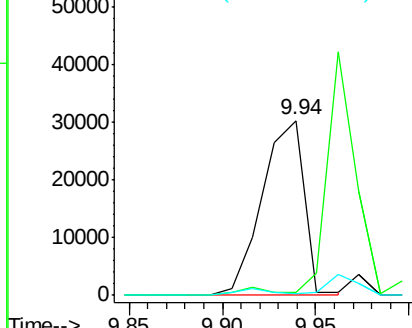
#50
 2,6-Dinitrotoluene
 Concen: 10.43 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.21 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

Tgt Ion:165 Resp: 47364
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.1 40.2 60.4#

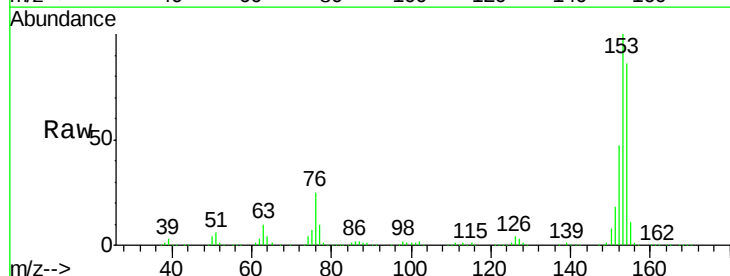


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

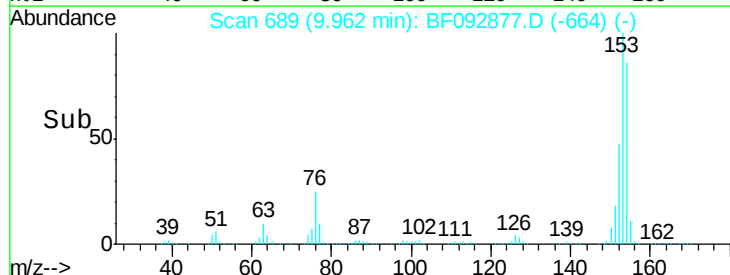
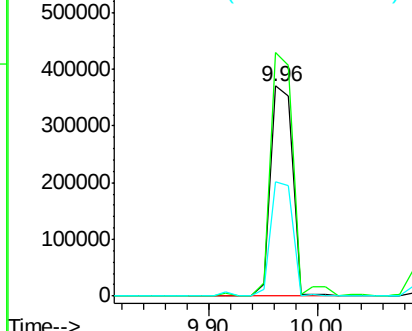


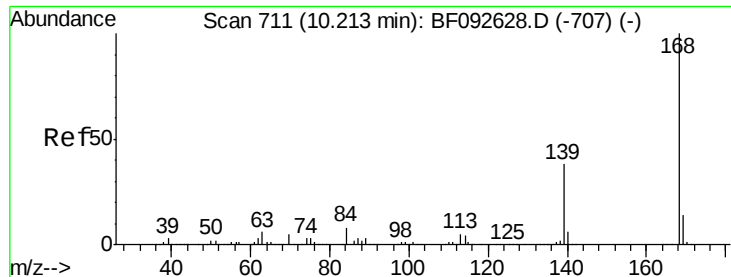
#51
 Acenaphthene
 Concen: 28.41 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Tgt Ion:154 Resp: 518802
 Ion Ratio Lower Upper
 154 100
 153 115.9 88.6 133.0
 152 54.4 41.6 62.4



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

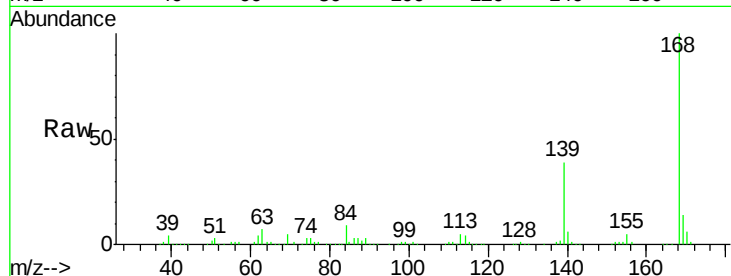




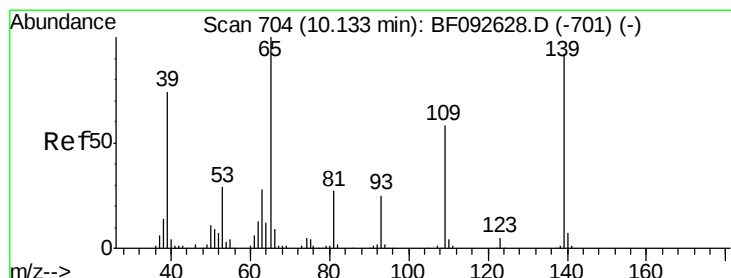
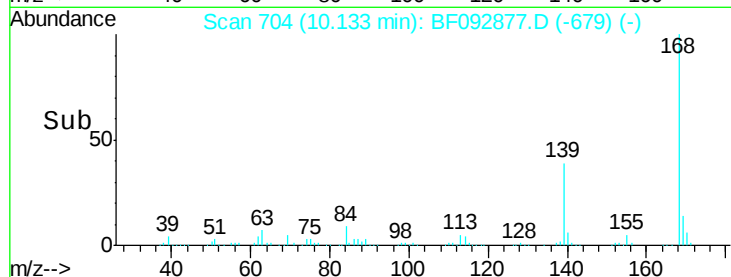
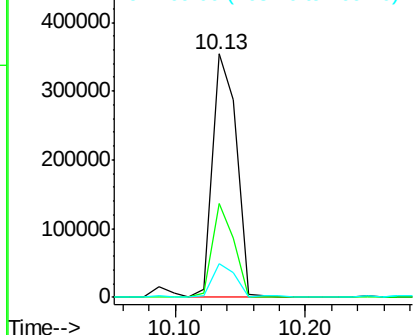
#54
Dibenzofuran
Concen: 18.60 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:168 Resp: 454317
Ion Ratio Lower Upper
168 100
139 38.5 32.6 49.0
169 14.1 11.3 16.9

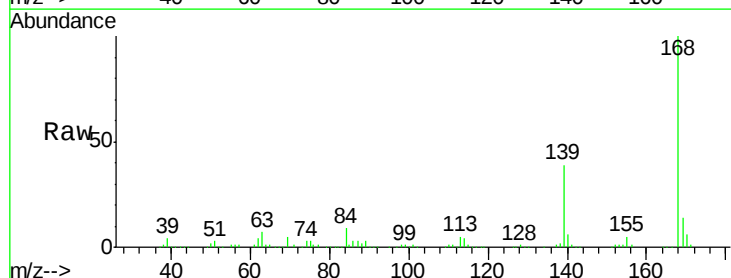


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

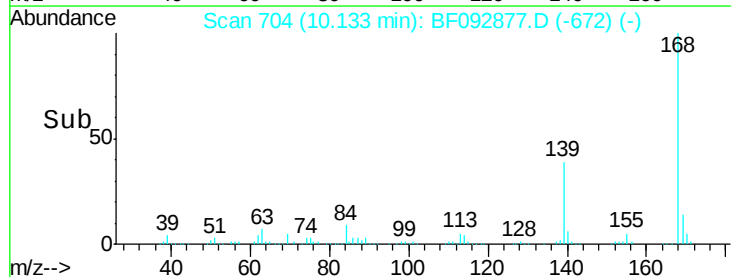
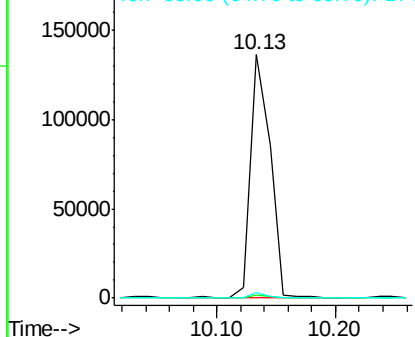


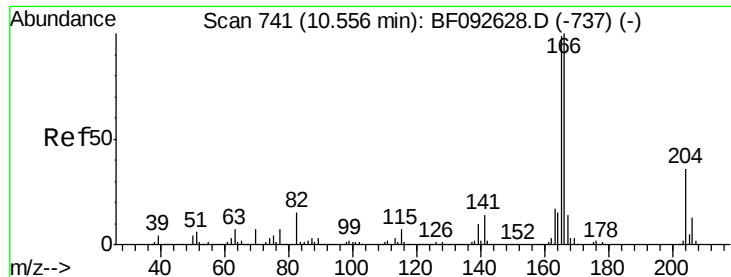
#55
4-Nitrophenol
Concen: 42.69 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.07 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:139 Resp: 159791
Ion Ratio Lower Upper
139 100
109 1.0 52.2 92.2#
65 2.2 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

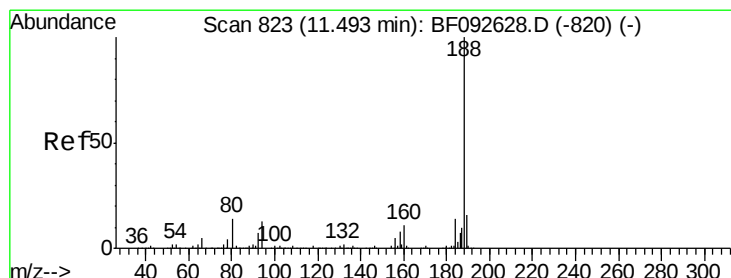
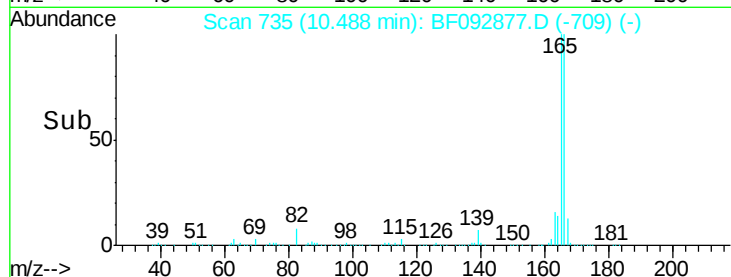
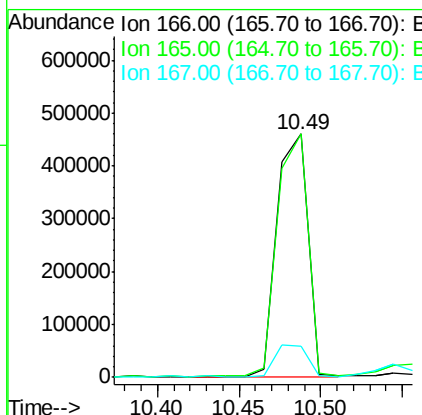
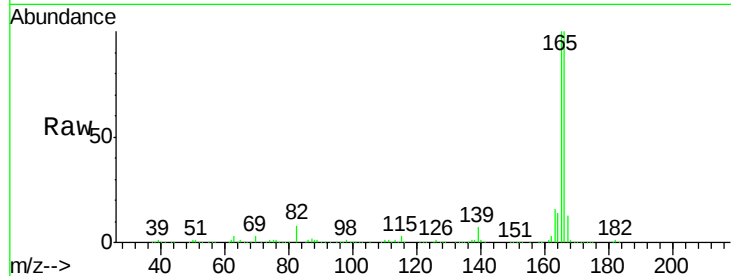




#57
Fluorene
 Concen: 32.59 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

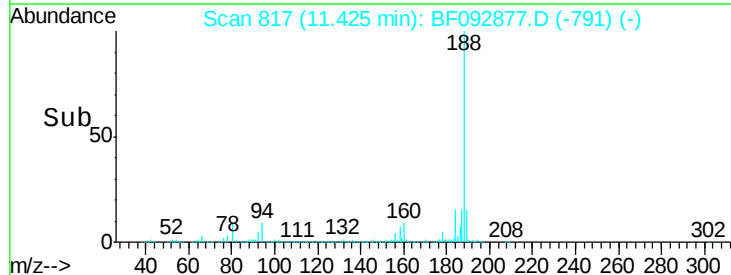
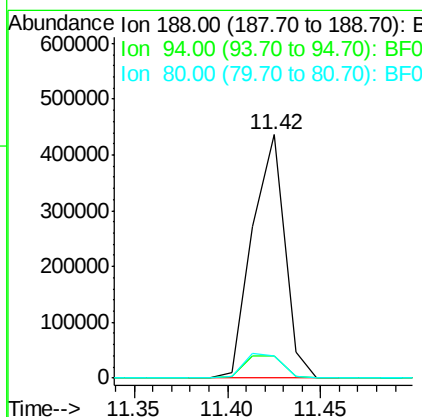
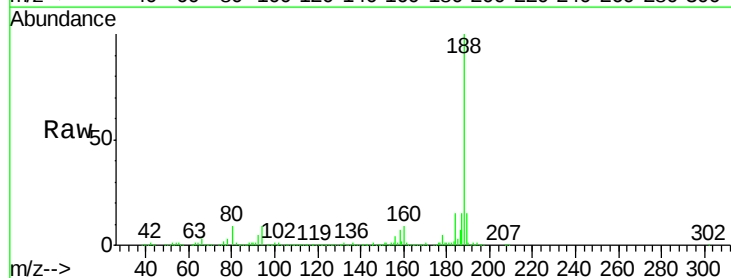
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-R2-COMP

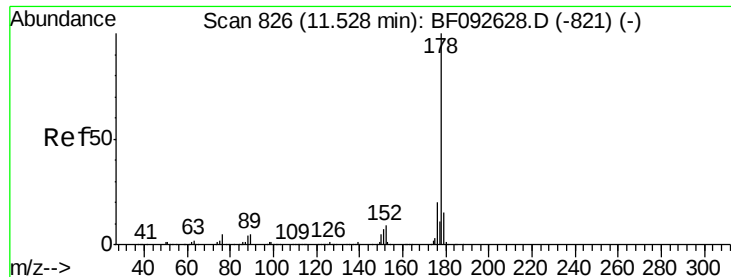
Tgt Ion:166 Resp: 612399
 Ion Ratio Lower Upper
 166 100
 165 99.9 77.8 116.8
 167 13.0 10.8 16.2



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF092877.D
 Acq: 9 Feb 2017 2:14

Tgt Ion:188 Resp: 525096
 Ion Ratio Lower Upper
 188 100
 94 8.9 10.0 15.0#
 80 9.1 11.2 16.8#

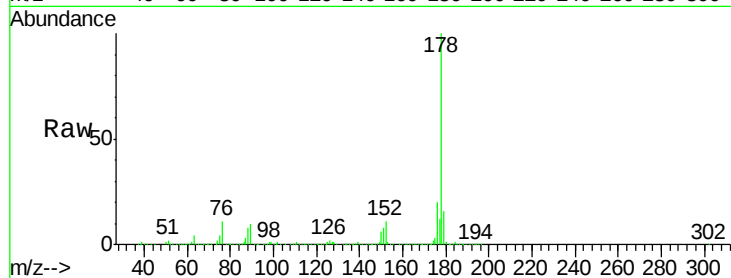




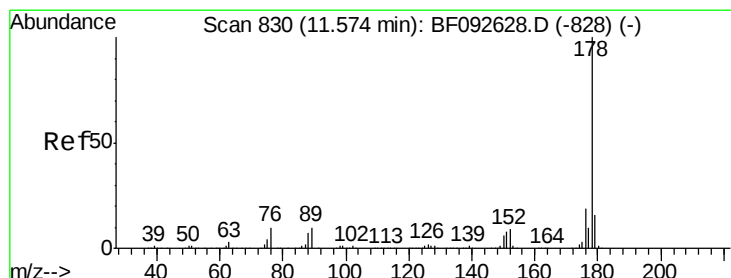
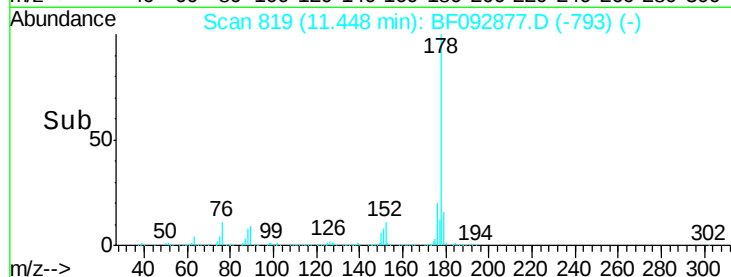
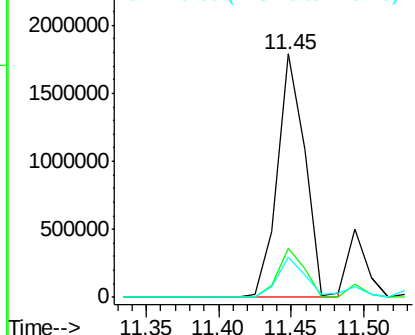
#70
Phenanthrene
Concen: 78.20 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:178 Resp: 2352667
Ion Ratio Lower Upper
178 100
176 20.0 16.6 25.0
179 16.4 12.8 19.2

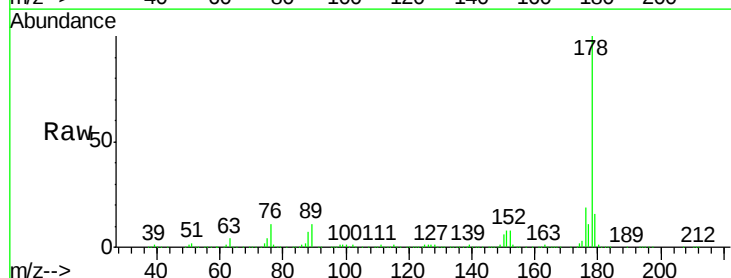


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

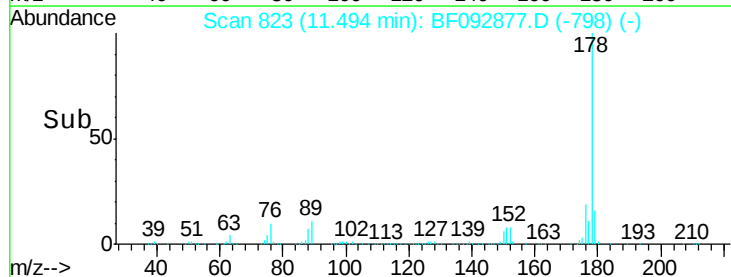
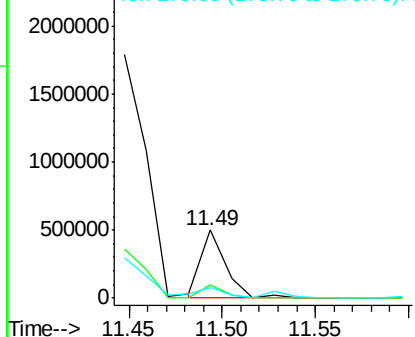


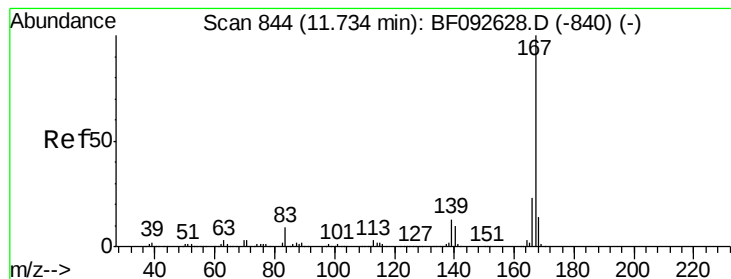
#71
Anthracene
Concen: 15.11 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:178 Resp: 456391
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.70 ng

RT: 11.65 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

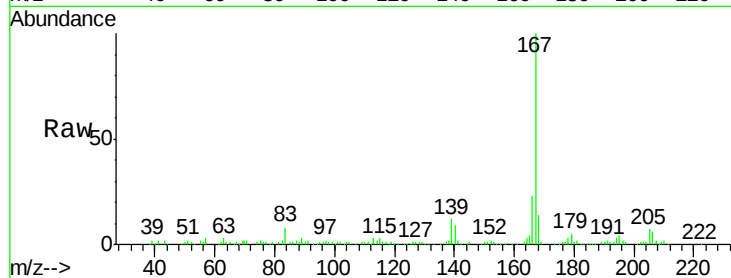
Tgt Ion:167 Resp: 106933

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.2

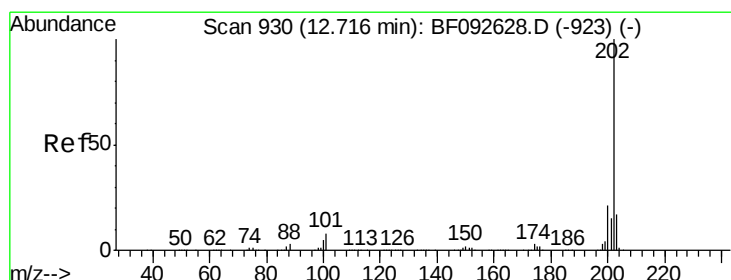
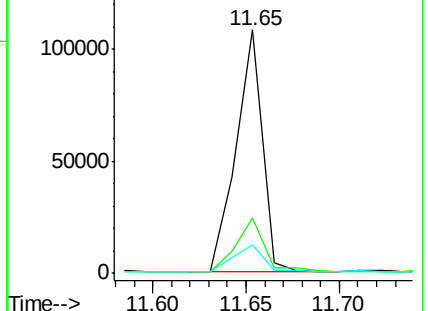
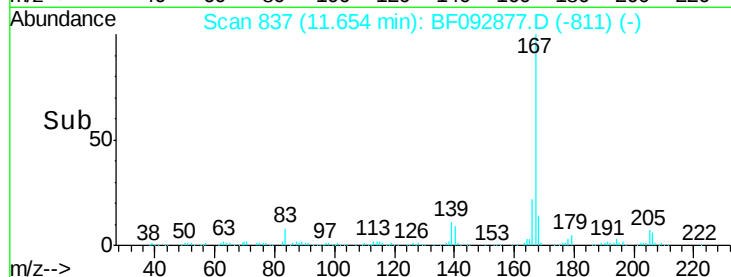
139 11.6 11.4 17.2



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: 98.71 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

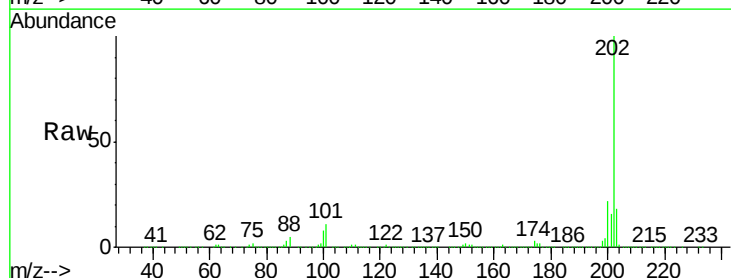
Tgt Ion:202 Resp: 3063111

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.6

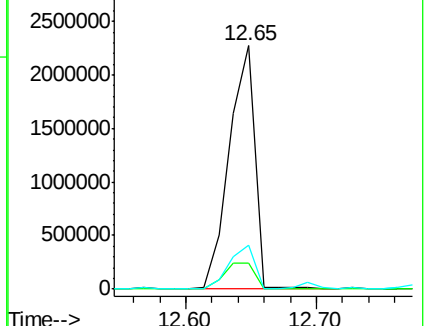
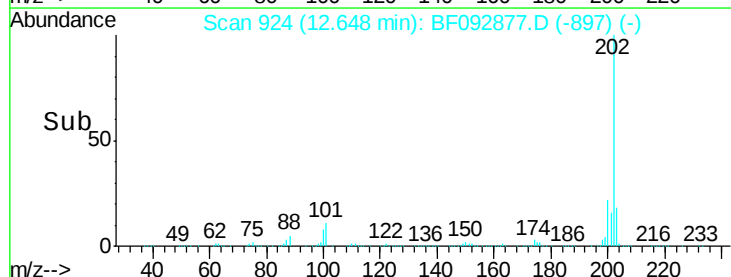
203 18.3 0.0 38.7

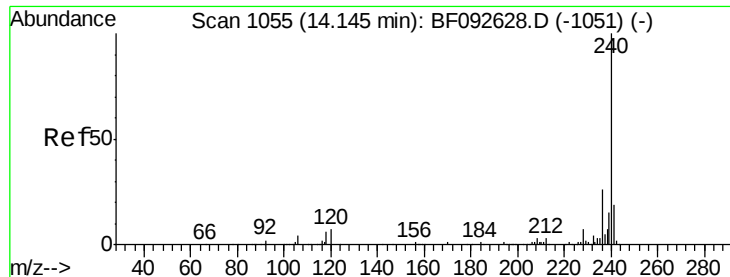


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

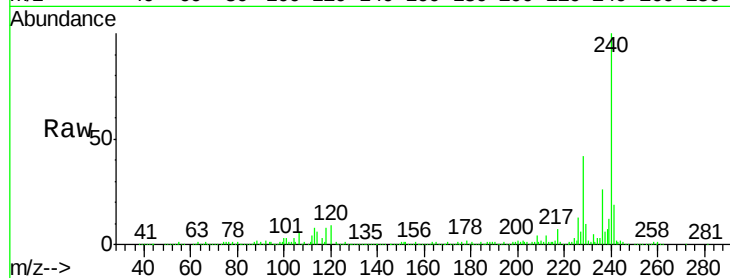
Tgt Ion:240 Resp: 406828

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

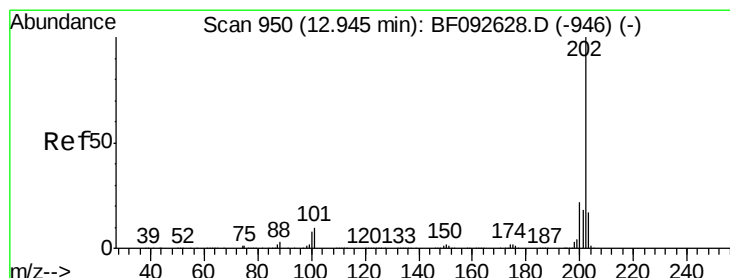
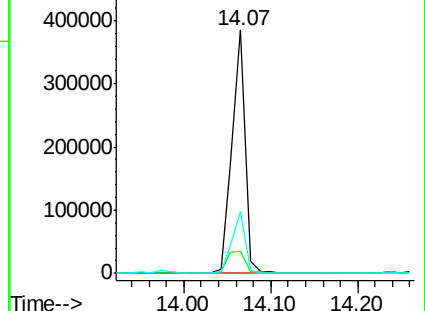
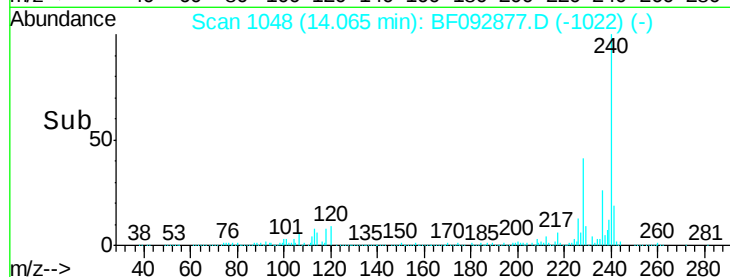
236 25.6 20.9 31.3



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: 88.99 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

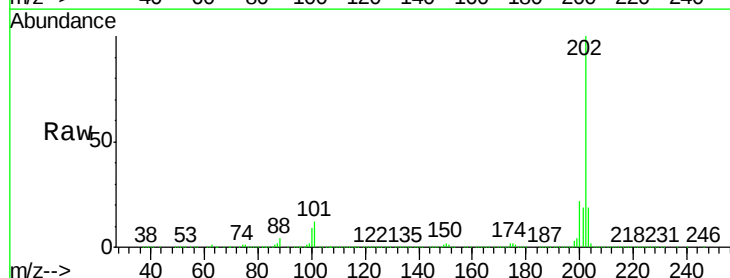
Tgt Ion:202 Resp: 2709502

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

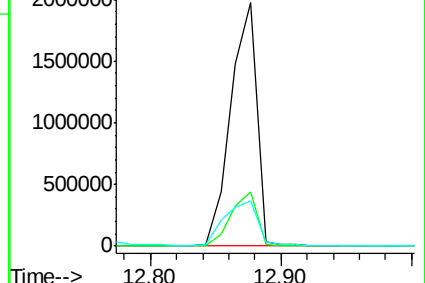
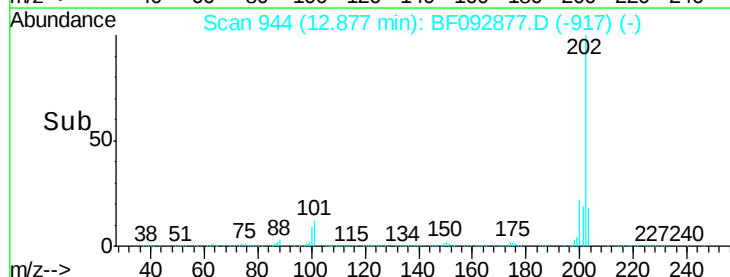
203 18.6 14.7 22.1

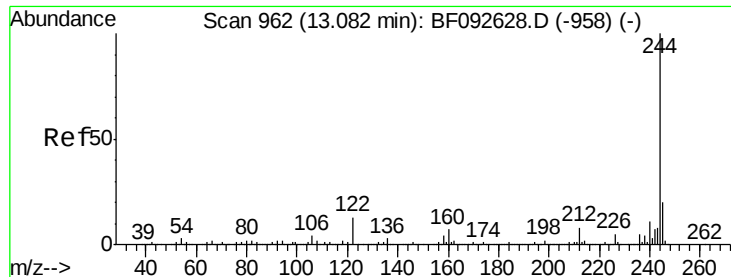


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 8.97 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

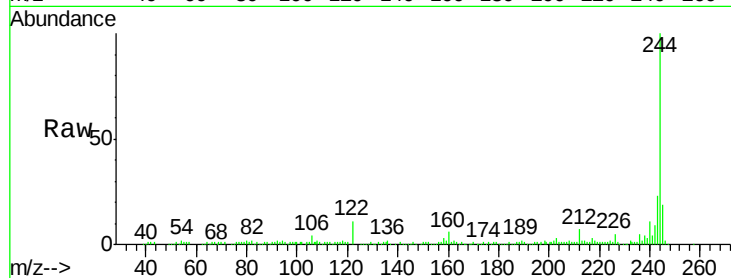
Tgt Ion:244 Resp: 155268

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

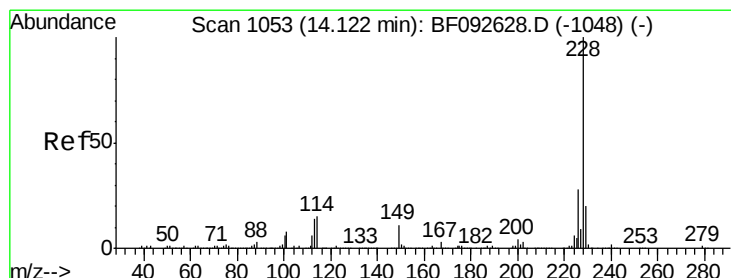
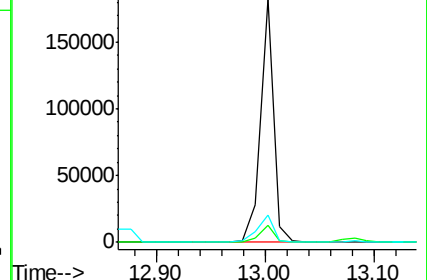
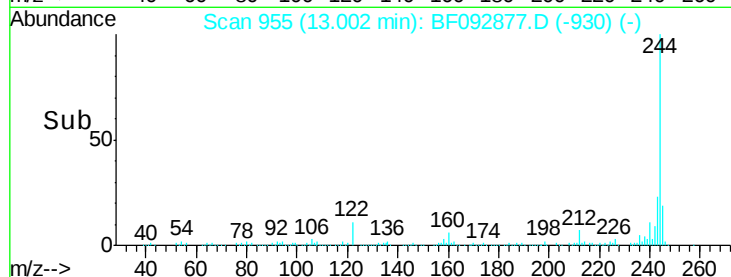
122 11.0 11.4 17.2#



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: 34.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

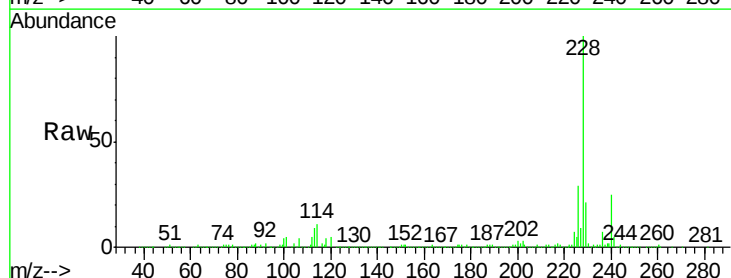
Tgt Ion:228 Resp: 845902

Ion Ratio Lower Upper

228 100

226 29.3 22.4 33.6

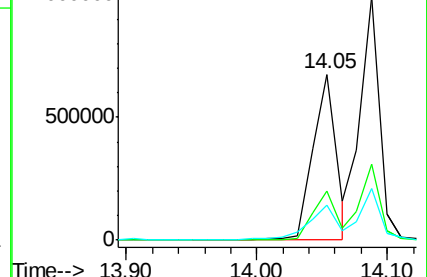
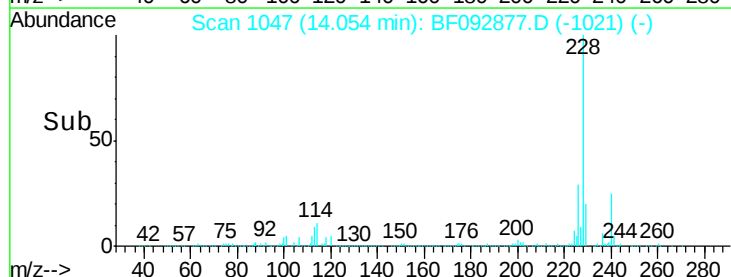
229 20.8 16.2 24.4

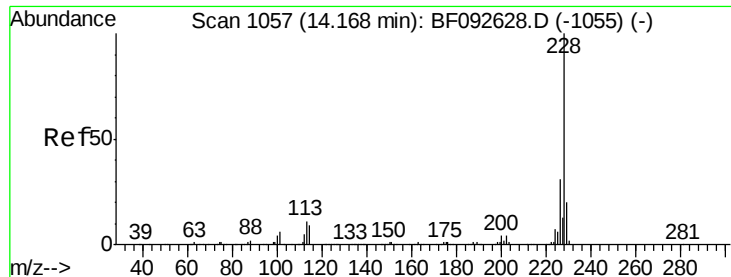


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 43.53 ng

RT: 14.09 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP

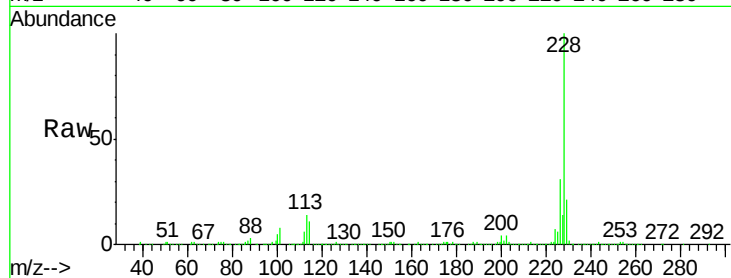
Tgt Ion:228 Resp: 1014178

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

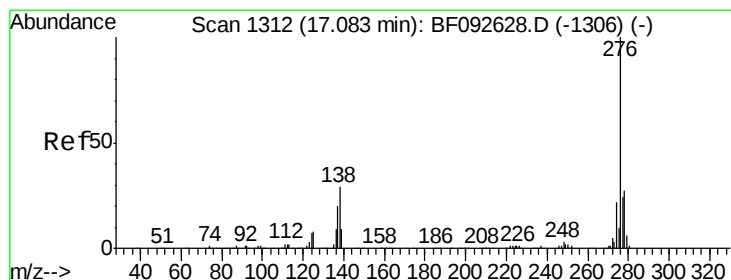
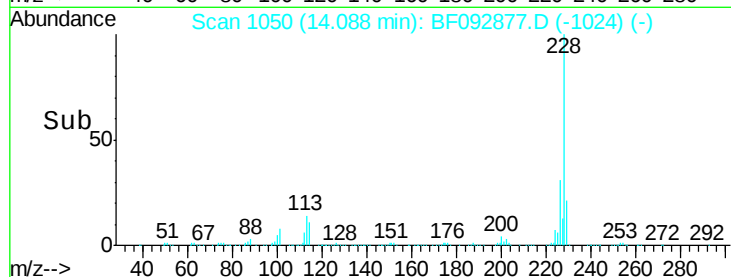
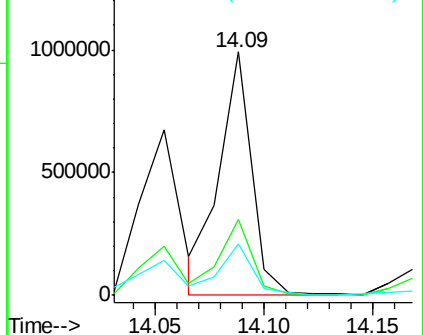
229 21.3 16.2 24.2



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: 5.99 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF092877.D

Acq: 9 Feb 2017 2:14

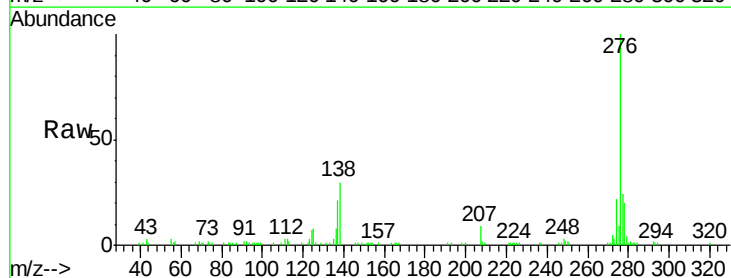
Tgt Ion:276 Resp: 108146

Ion Ratio Lower Upper

276 100

138 28.7 21.8 32.6

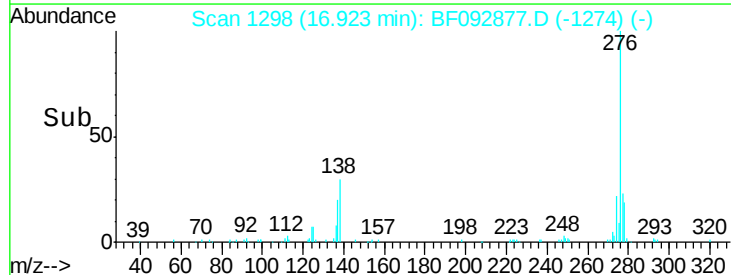
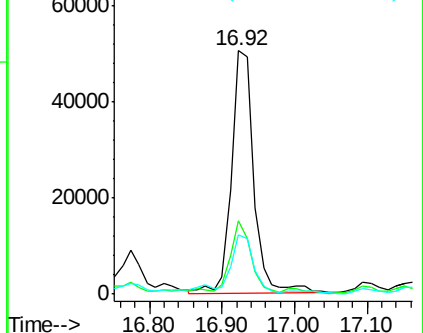
277 26.6 20.2 30.4

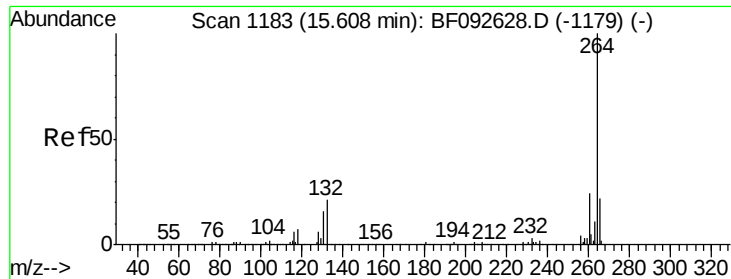


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

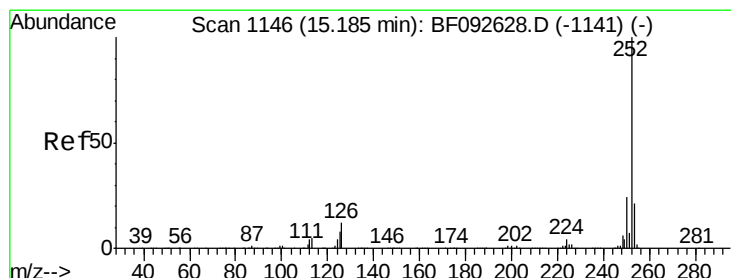
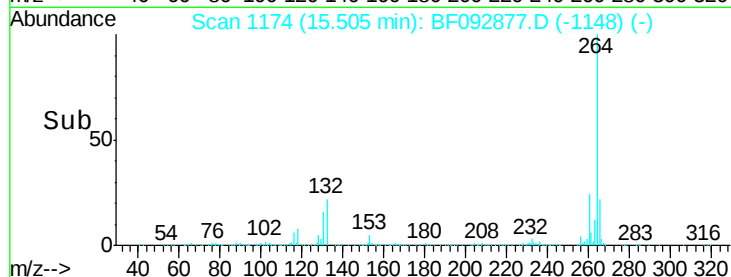
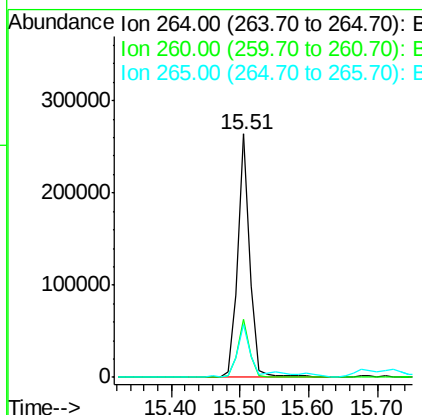
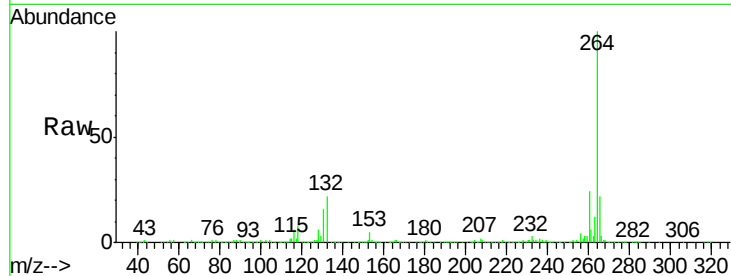




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

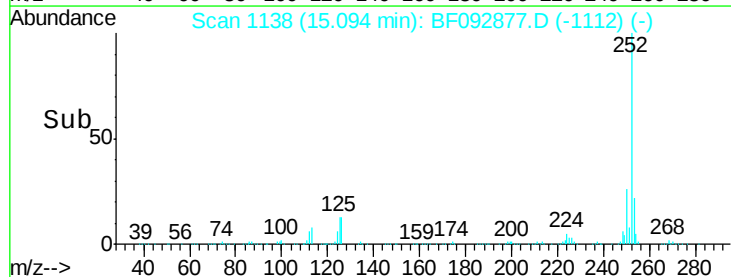
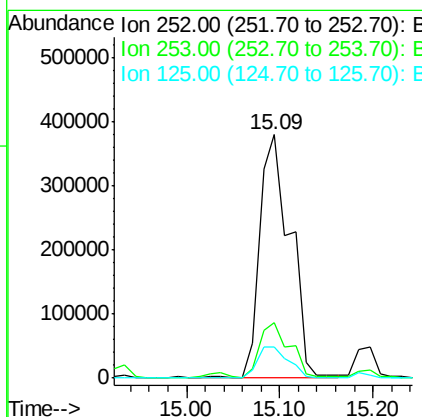
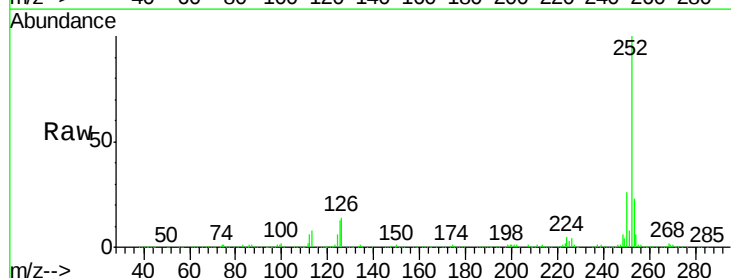
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

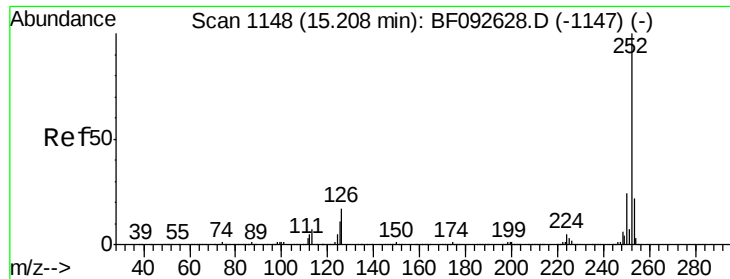
Tgt Ion: 264 Resp: 328751
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.8 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 39.36 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion: 252 Resp: 851703
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.8 9.8 14.6

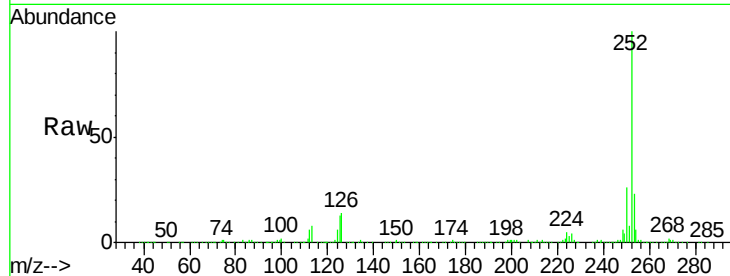




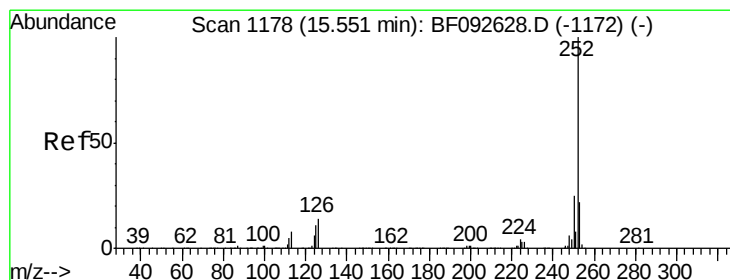
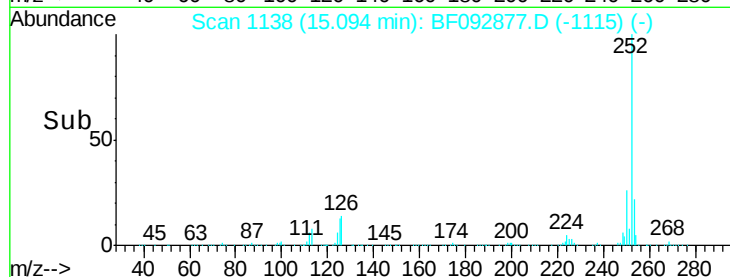
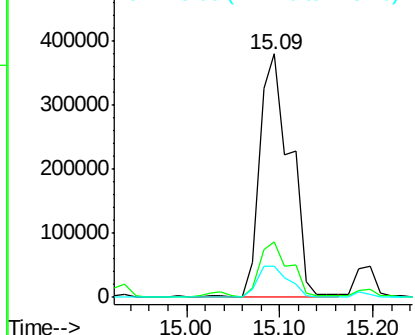
#88
Benzo(k)fluoranthene
Concen: 45.59 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:252 Resp: 851703
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 12.8 8.9 13.3

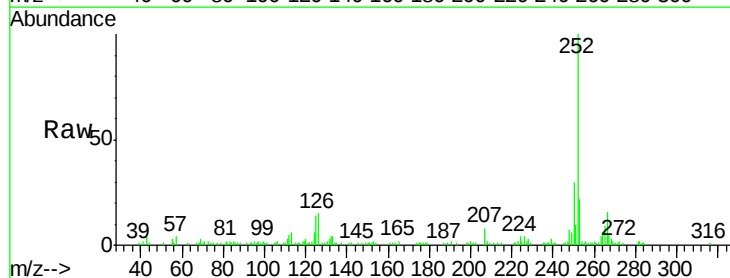


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

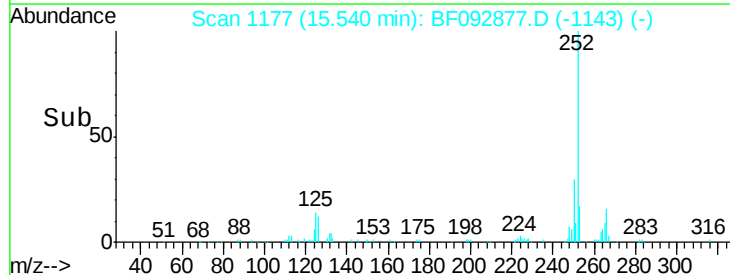
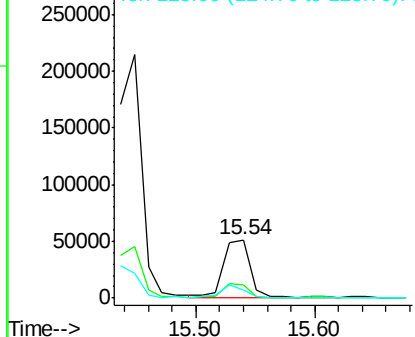


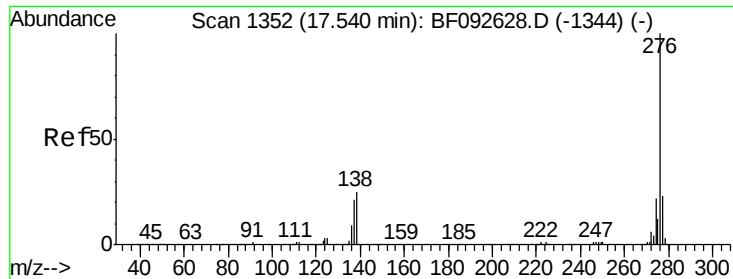
#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.09 min
Lab File: BF092877.D
Acq: 9 Feb 2017 2:14

Tgt Ion:252 Resp: 76793
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 14.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.14 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF092877.D

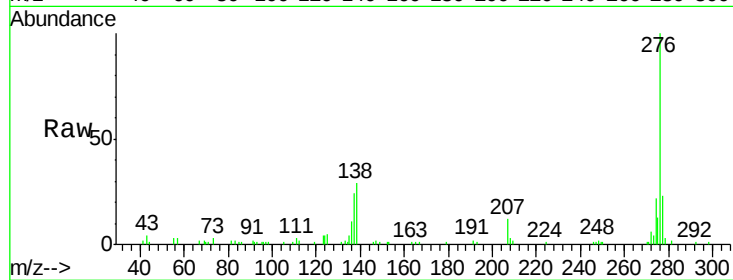
Acq: 9 Feb 2017 2:14

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-R2-COMP



Tgt Ion:	276	Resp:	78477
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.2	28.8
138	29.3	16.0	24.0

