

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078627.D
 Acq On : 18 Apr 2015 6:38
 Operator : TP/IZ
 Sample : G1891-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-69S

Quant Time: Apr 18 07:14:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:24:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	36317	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	152633	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	81106	20.00	ng	0.00
63) Phenanthrene-d10	12.22	188	169679	20.00	ng	0.00
75) Chrysene-d12	15.47	240	181850	20.00	ng	0.01
86) Perylene-d12	17.15	264	188323	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	206830	93.90	ng	0.01
7) Phenol-d6	6.28	99	273221	98.98	ng	0.00
23) Nitrobenzene-d5	7.38	82	167066	66.34	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	80201	119.23	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	344788	60.77	ng	0.00
78) Terphenyl-d14	14.21	244	454614	56.49	ng	0.00

Target Compounds

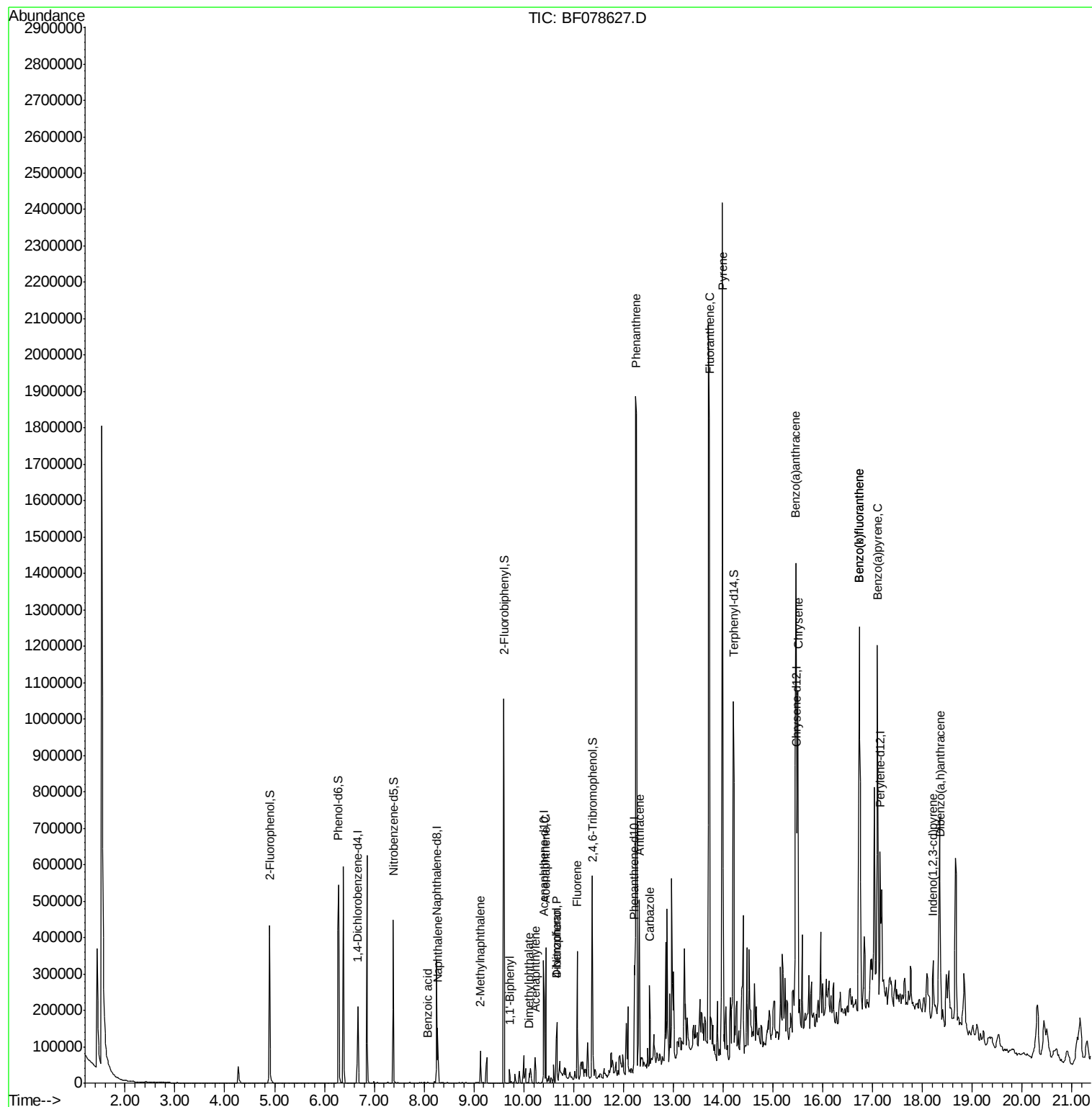
						Qvalue
31) Naphthalene	8.27	128	78134	9.84	ng	98
32) Benzoic acid	8.08	122	1322	6.85	ng	# 20
37) 2-Methylnaphthalene	9.13	142	31581	5.86	ng	# 95
45) 1,1'-Biphenyl	9.71	154	14627	2.20	ng	97
48) Acenaphthylene	10.23	152	29945	3.55	ng	98
49) Dimethylphthalate	10.11	163	13396	2.20	ng	# 98
51) Acenaphthene	10.44	154	90361	19.04	ng	99
54) Dibenzofuran	10.66	168	88419	12.20	ng	95
55) 4-Nitrophenol	10.66	139	33124	33.23	ng	# 20
57) Fluorene	11.07	166	108280	18.43	ng	98
70) Phenanthrene	12.26	178	1173268	119.54	ng	99
71) Anthracene	12.32	178	283591	29.32	ng	99
72) Carbazole	12.53	167	108832	12.01	ng	98
74) Fluoranthene	13.73	202	1336039	129.07	ng	90
77) Pyrene	13.99	202	1130700	99.05	ng	# 91
80) Benzo(a)anthracene	15.46	228	594401	54.94	ng	98
82) Chrysene	15.51	228	501191	49.30	ng	97
85) Indeno(1,2,3-cd)pyrene	18.22	276	73214	6.35	ng	95
87) Benzo(b)fluoranthene	16.73	252	911354	78.30	ng	# 94
88) Benzo(k)fluoranthene	16.73	252	910864	88.06	ng	96
89) Benzo(a)pyrene	17.10	252	520244	51.22	ng	# 91
90) Dibenzo(a,h)anthracene	18.35	278	90166	8.87	ng	91

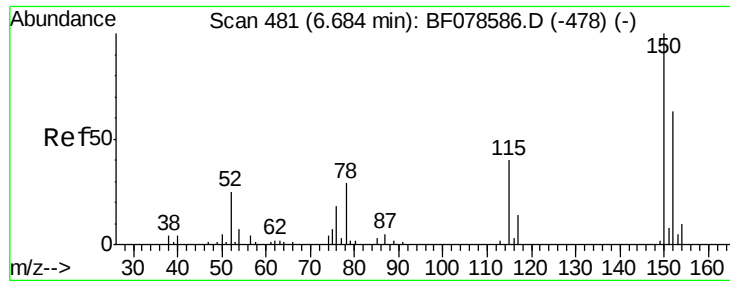
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 18 05:24:48 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

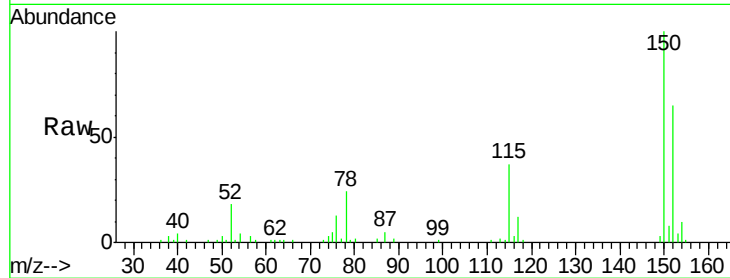
Tgt Ion:152 Resp: 36317

Ion Ratio Lower Upper

152 100

150 153.6 125.9 188.9

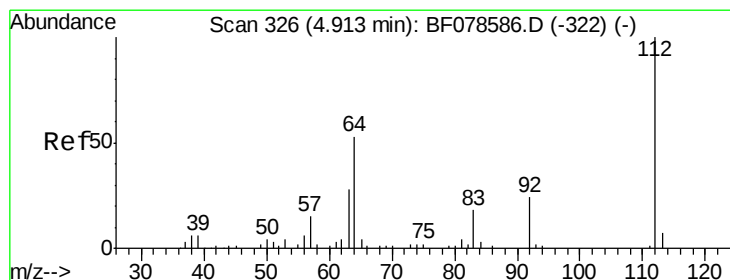
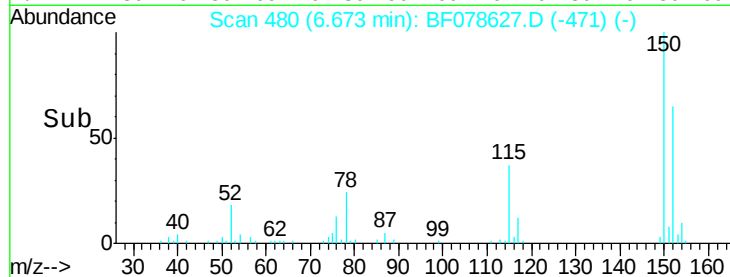
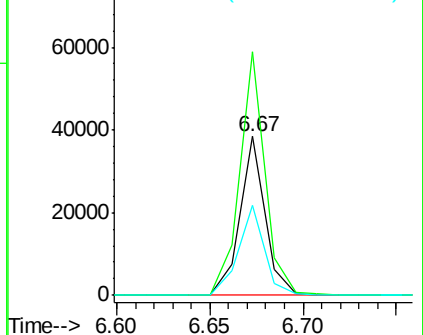
115 56.7 52.7 79.1



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: 93.90 ng

RT: 4.90 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

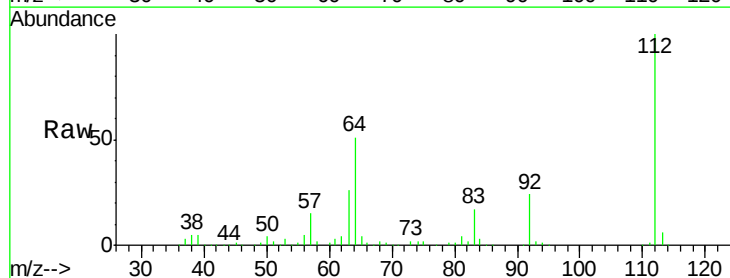
Tgt Ion:112 Resp: 206830

Ion Ratio Lower Upper

112 100

64 50.9 39.9 59.9

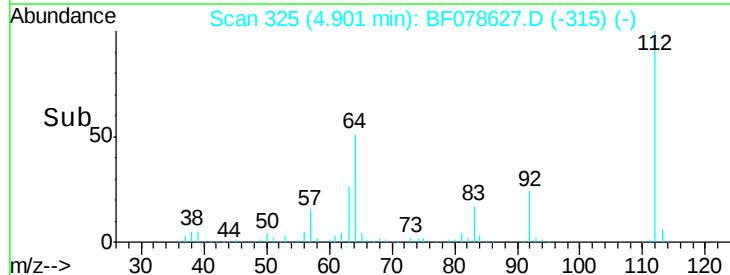
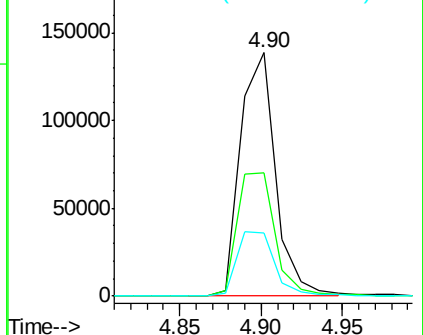
63 26.1 20.2 30.4

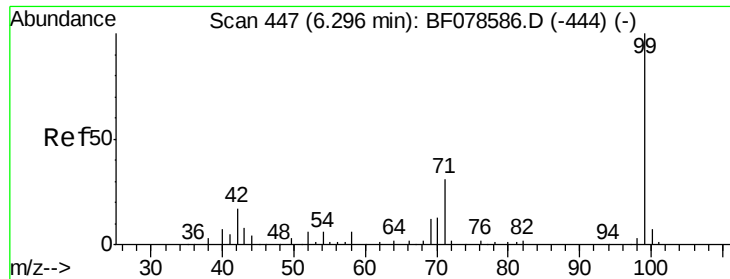


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.98 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

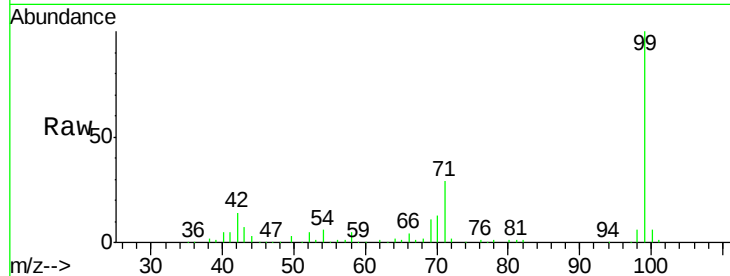
Tgt Ion: 99 Resp: 273221

Ion Ratio Lower Upper

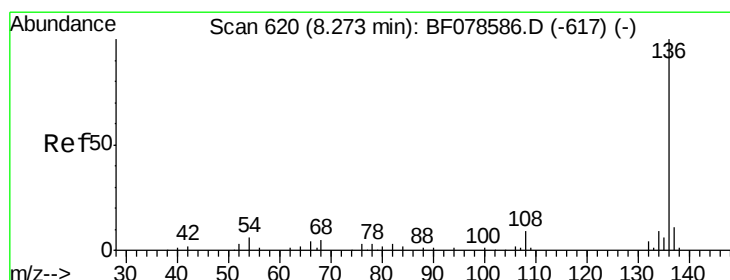
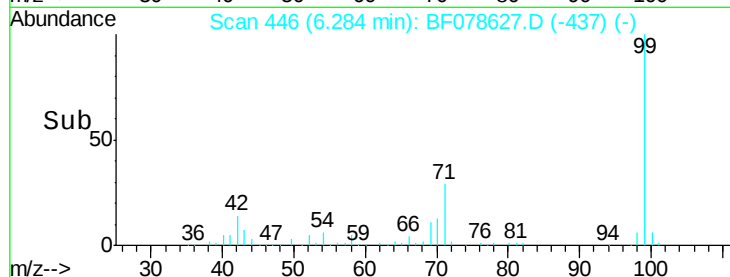
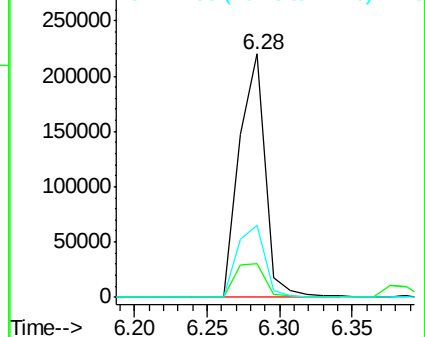
99 100

42 13.9 14.8 22.2#

71 29.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Tgt Ion: 136 Resp: 152633

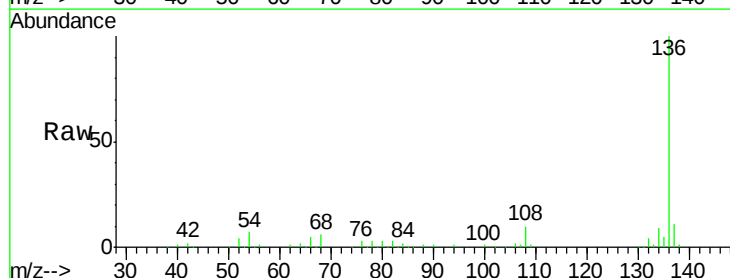
Ion Ratio Lower Upper

136 100

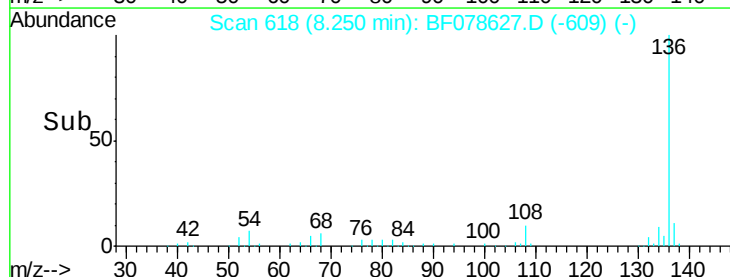
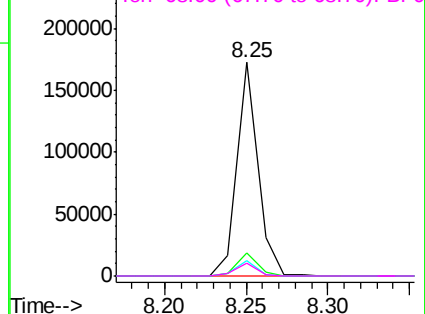
137 10.9 9.0 13.4

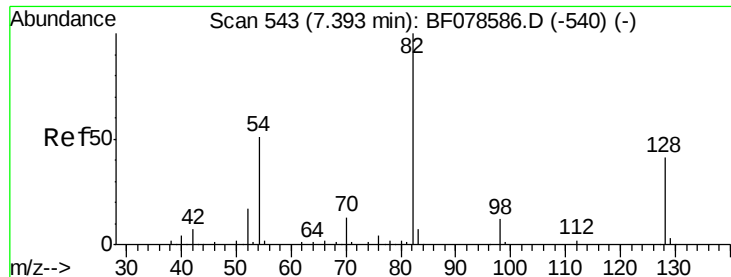
54 7.0 7.0 10.6

68 5.8 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

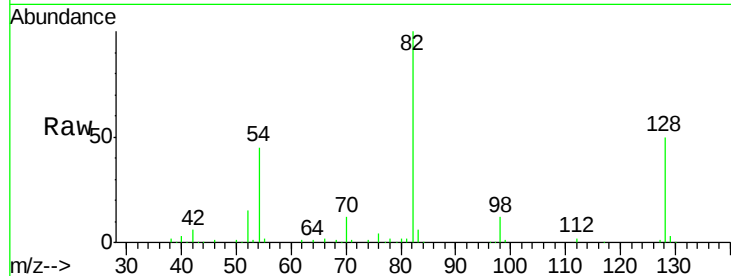




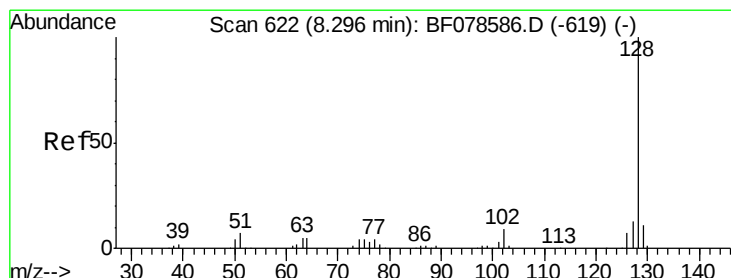
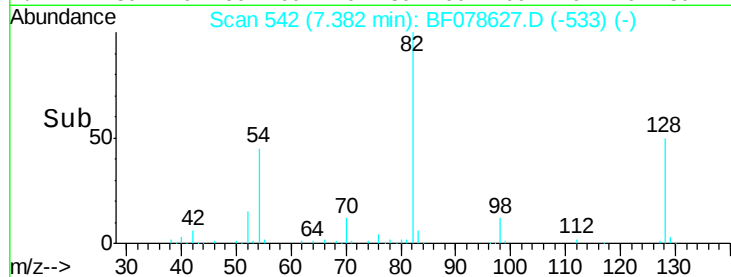
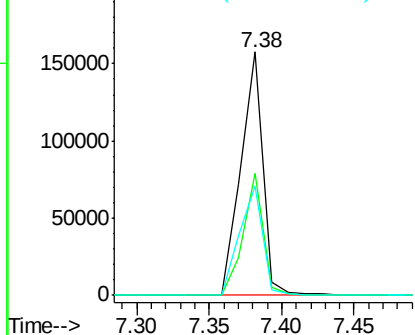
#23
 Nitrobenzene-d5
 Concen: 66.34 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078627.D
 Acq: 18 Apr 2015 6:38

Instrument :
 BNA_F
 ClientSampleID :
 SB-69S

Tgt Ion: 82 Resp: 167066
 Ion Ratio Lower Upper
 82 100
 128 49.9 31.8 47.8#
 54 44.8 41.5 62.3

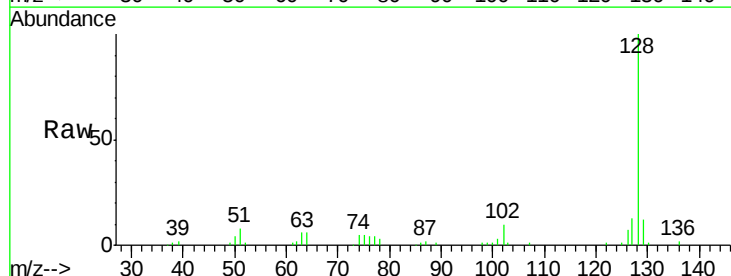


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

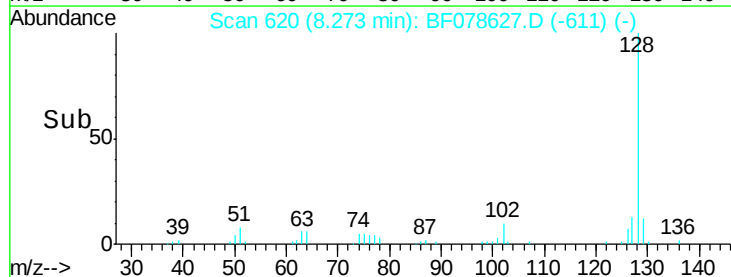
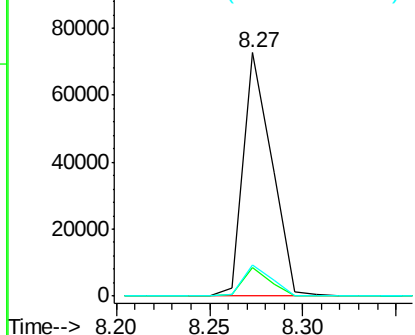


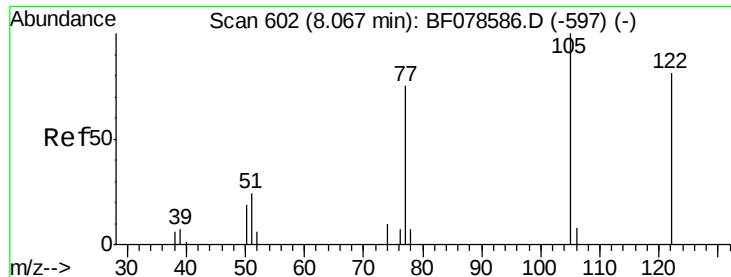
#31
 Naphthalene
 Concen: 9.84 ng
 RT: 8.27 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF078627.D
 Acq: 18 Apr 2015 6:38

Tgt Ion: 128 Resp: 78134
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.6 12.8
 127 13.0 10.7 16.1



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

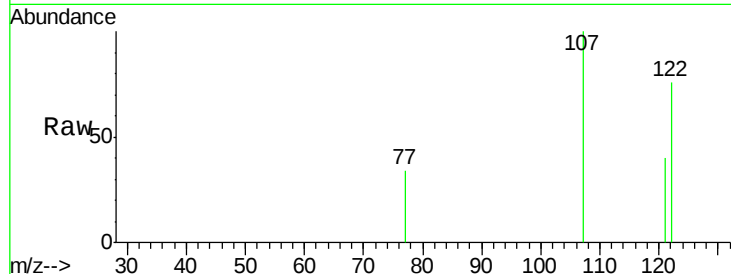




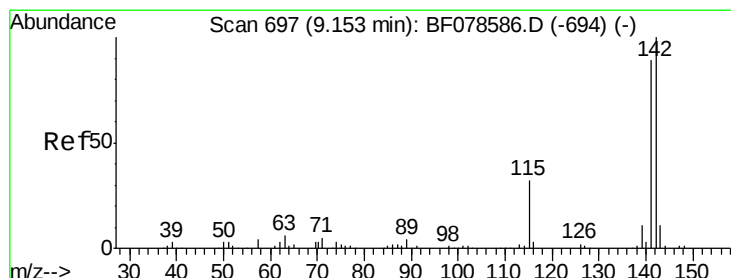
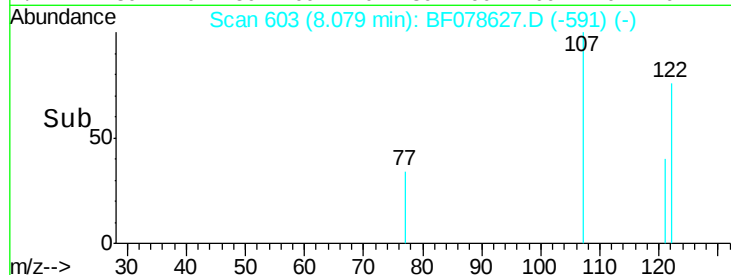
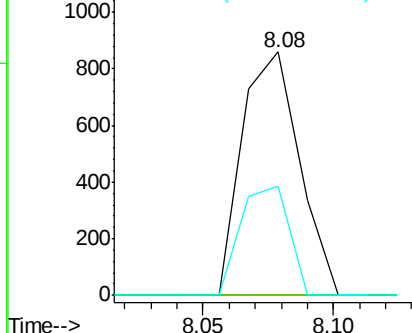
#32
Benzoic acid
Concen: 6.85 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.03 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

Instrument :
BNA_F
ClientSampleId :
SB-69S

Tgt Ion:122 Resp: 1322
Ion Ratio Lower Upper
122 100
105 0.0 96.1 136.1#
77 45.0 64.1 104.1#

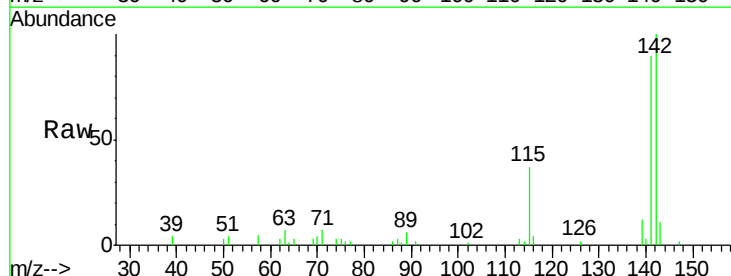


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

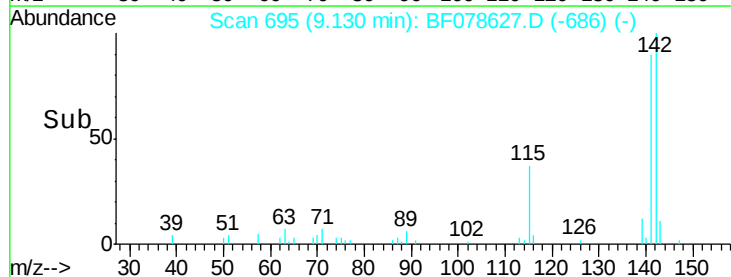
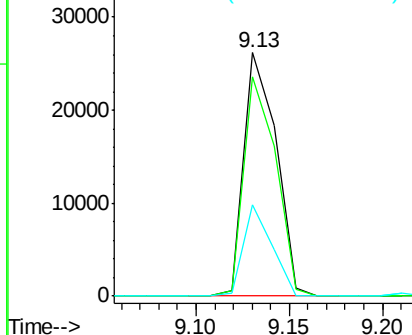


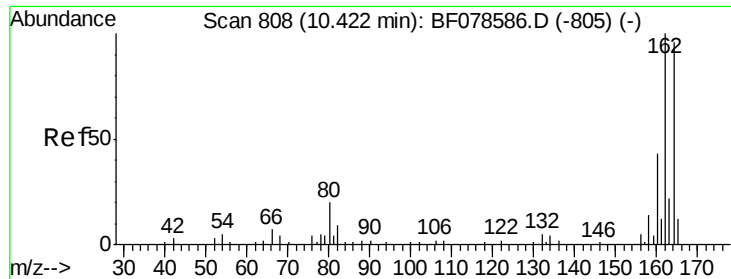
#37
2-Methylnaphthalene
Concen: 5.86 ng
RT: 9.13 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

Tgt Ion:142 Resp: 31581
Ion Ratio Lower Upper
142 100
141 90.3 70.3 105.5
115 37.5 24.6 37.0#



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

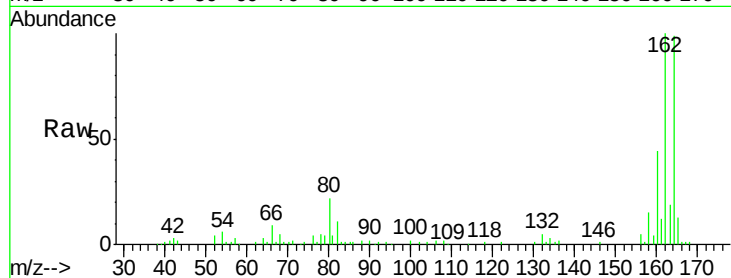




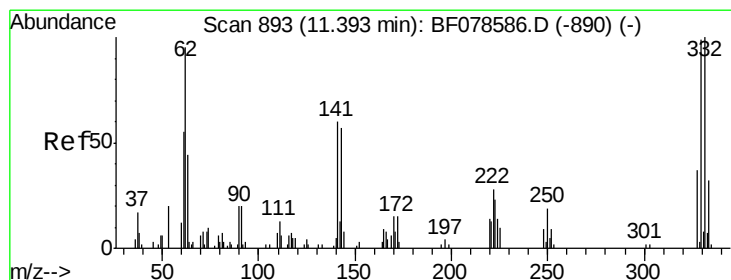
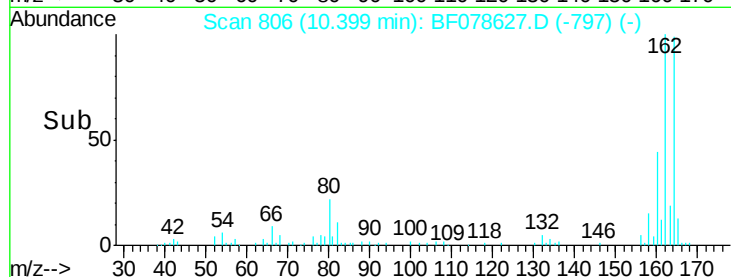
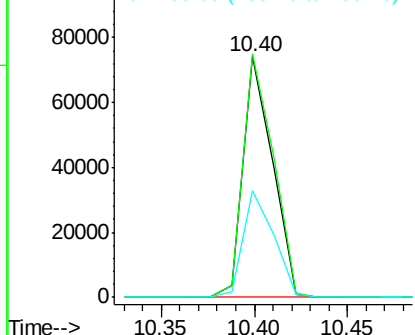
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

Instrument :
BNA_F
ClientSampleId :
SB-69S

Tgt Ion:164 Resp: 81106
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 44.3 34.7 52.1

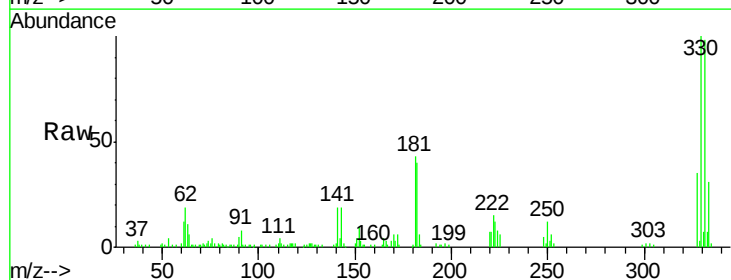


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

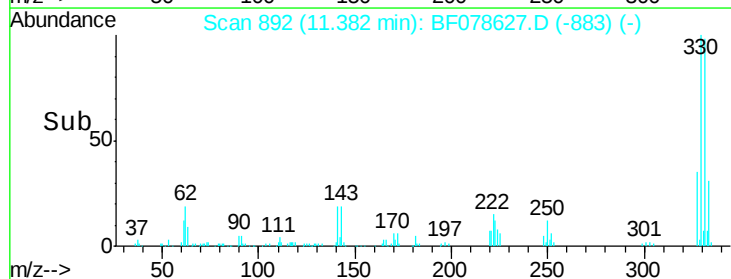
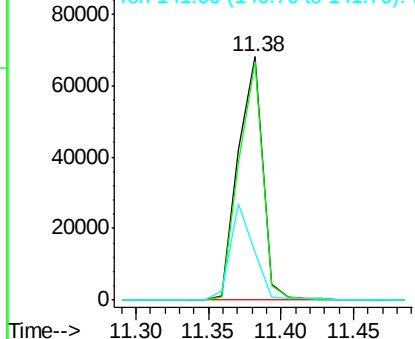


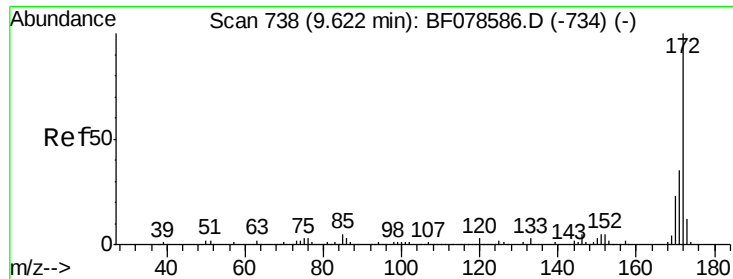
#41
2,4,6-Tribromophenol
Concen: 119.23 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

Tgt Ion:330 Resp: 80201
Ion Ratio Lower Upper
330 100
332 95.3 78.6 117.8
141 38.4 31.2 46.8



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

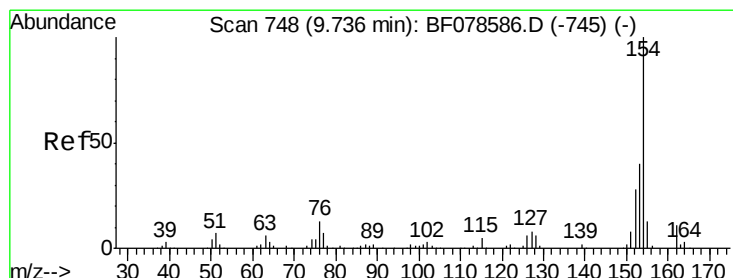
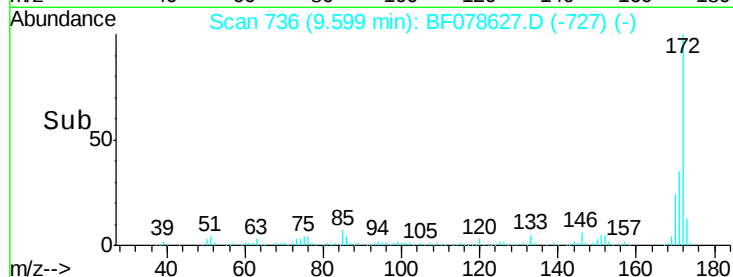
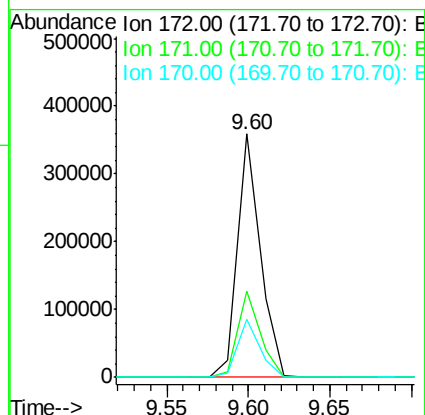
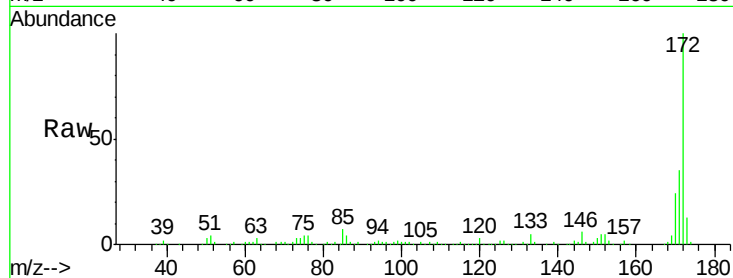




#44
 2-Fluorobiphenyl
 Concen: 60.77 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078627.D
 Acq: 18 Apr 2015 6:38

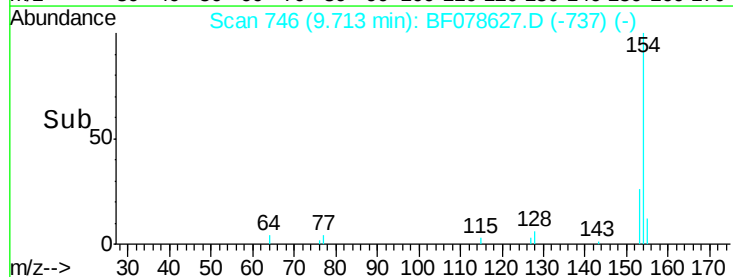
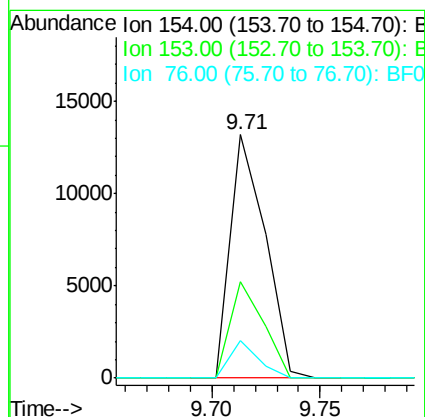
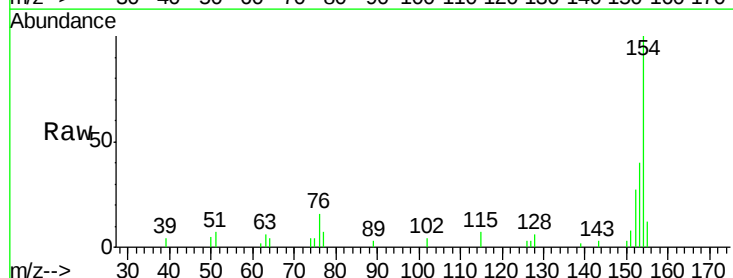
Instrument :
 BNA_F
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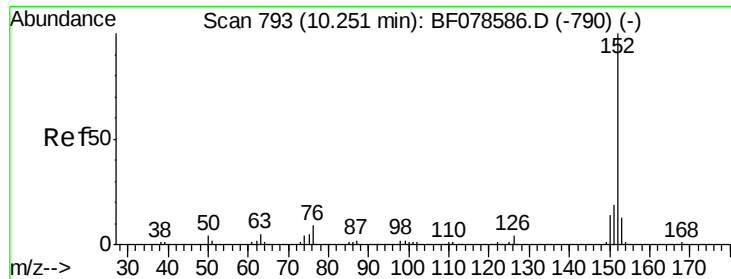
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.7	18.5	27.7



#45
 1,1'-Biphenyl
 Concen: 2.20 ng
 RT: 9.71 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF078627.D
 Acq: 18 Apr 2015 6:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	15.5	0.0	30.6





#48

Acenaphthylene

Concen: 3.55 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

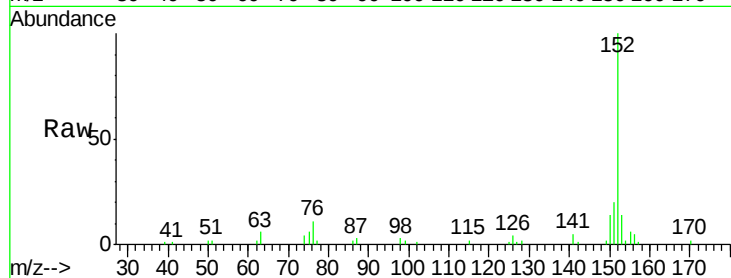
Tgt Ion:152 Resp: 29945

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

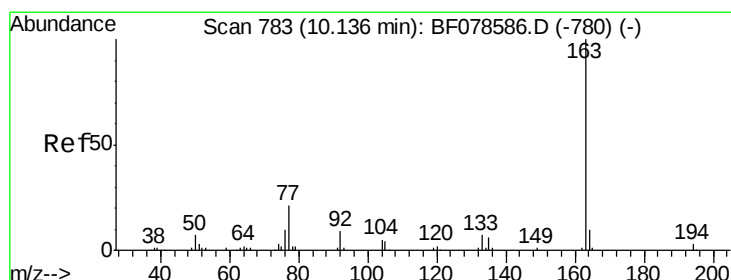
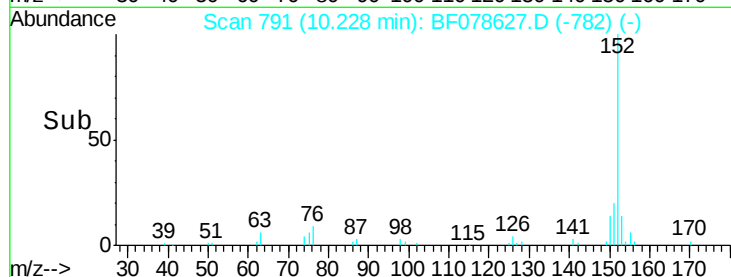
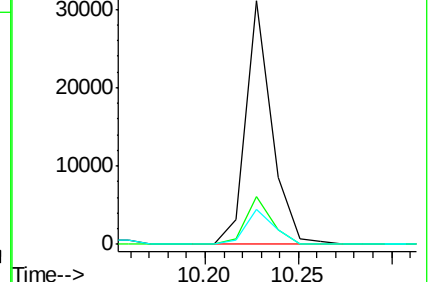
153 14.3 10.2 15.2



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: 2.20 ng

RT: 10.11 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

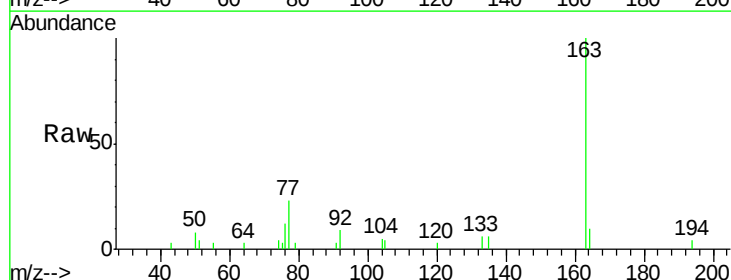
Tgt Ion:163 Resp: 13396

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

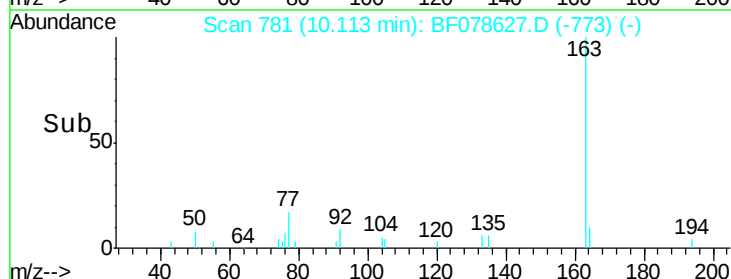
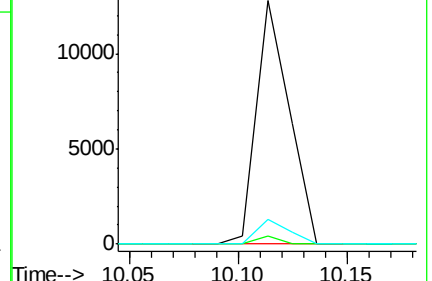
164 10.3 8.6 13.0

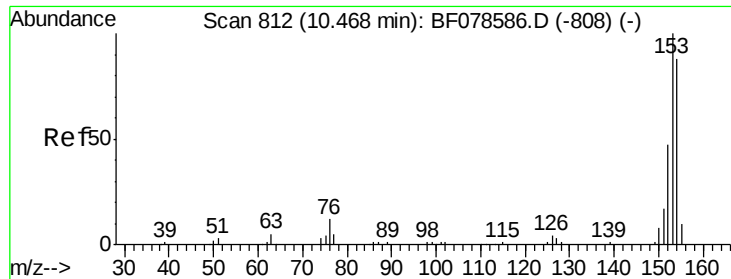


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 19.04 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

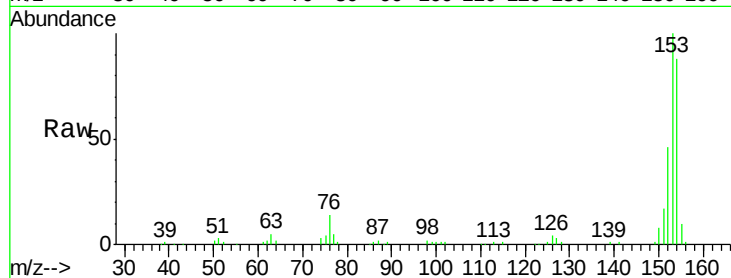
Tgt Ion:154 Resp: 90361

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

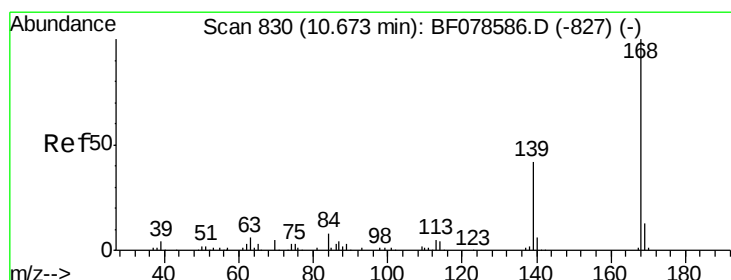
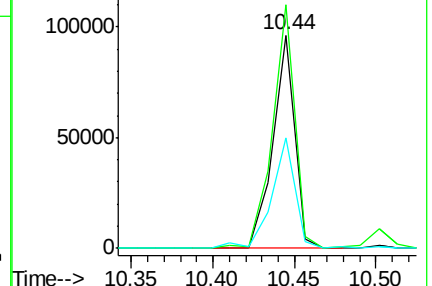
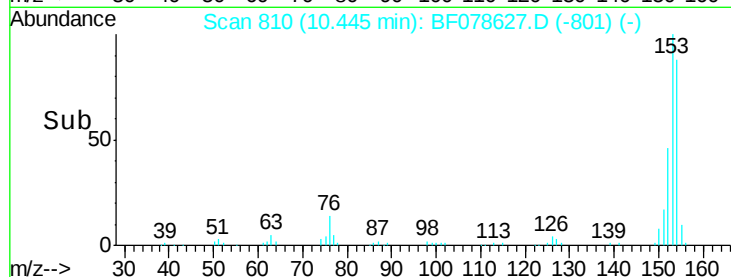
152 52.1 43.0 64.6



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: 12.20 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

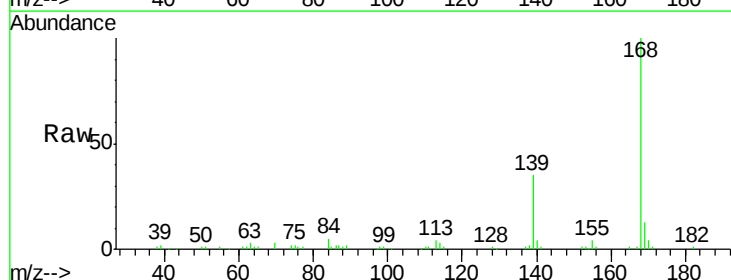
Tgt Ion:168 Resp: 88419

Ion Ratio Lower Upper

168 100

139 34.8 31.0 46.4

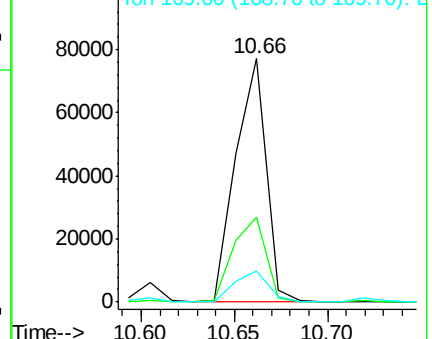
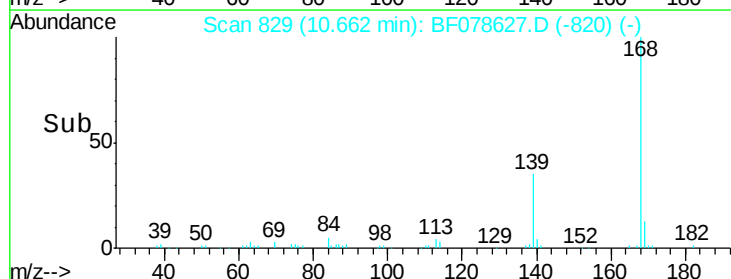
169 12.9 10.7 16.1

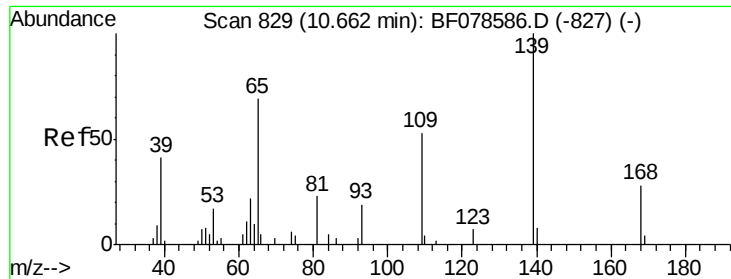


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 33.23 ng

RT: 10.66 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

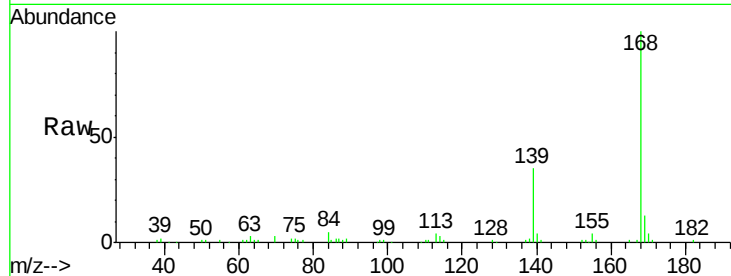
Tgt Ion:139 Resp: 33124

Ion Ratio Lower Upper

139 100

109 1.1 36.7 76.7#

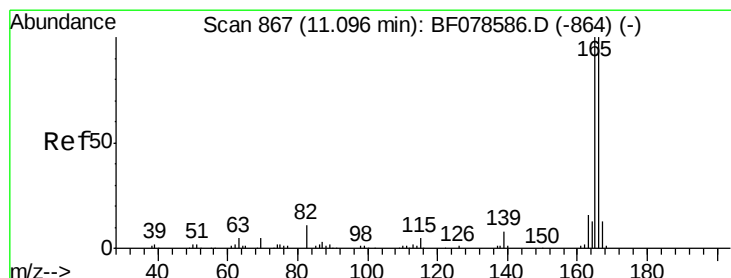
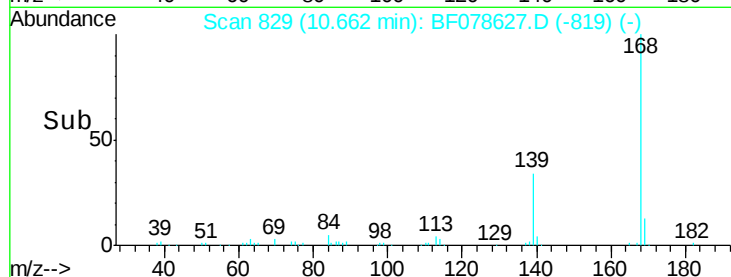
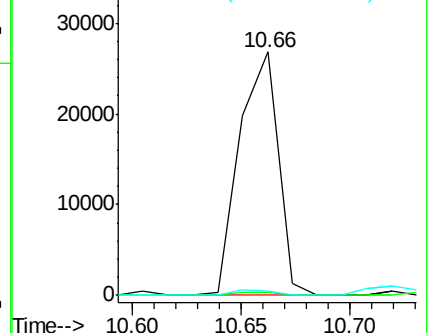
65 1.9 49.9 89.9#



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: 18.43 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

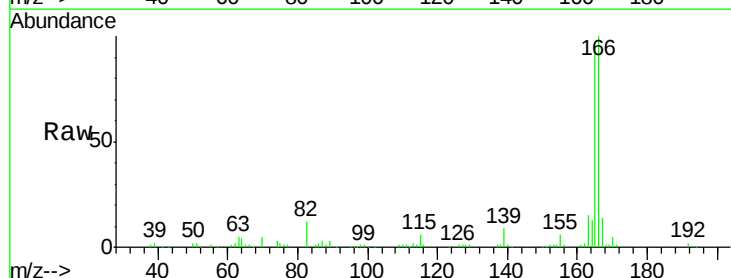
Tgt Ion:166 Resp: 108280

Ion Ratio Lower Upper

166 100

165 96.6 78.9 118.3

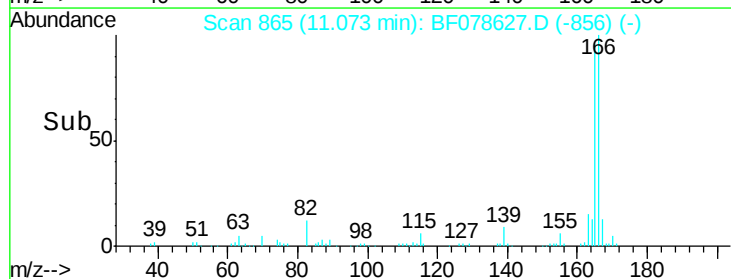
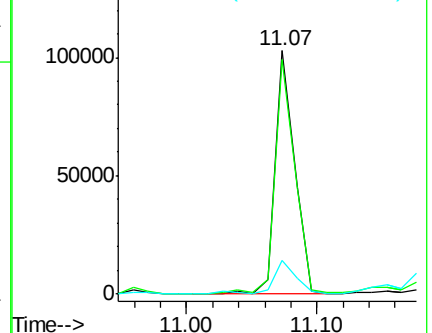
167 13.7 10.7 16.1

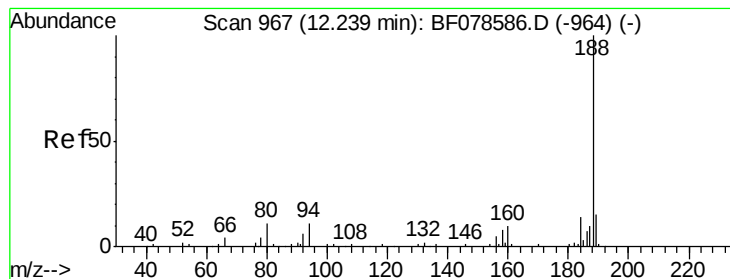


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

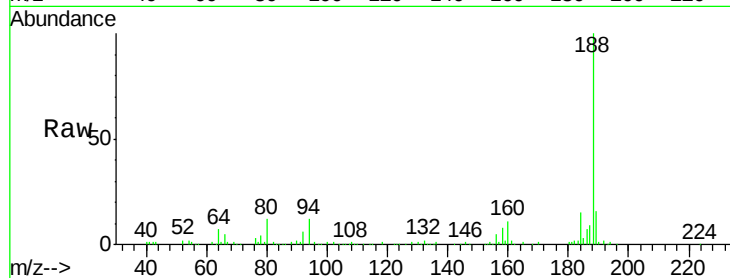
Tgt Ion:188 Resp: 169679

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

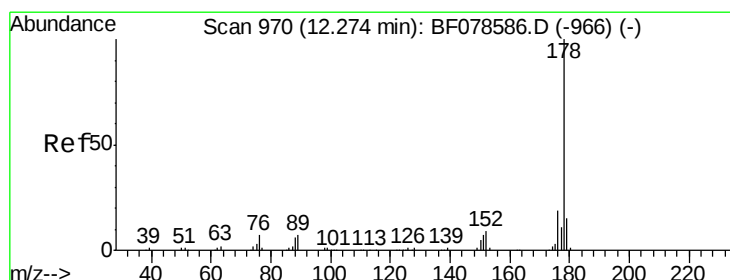
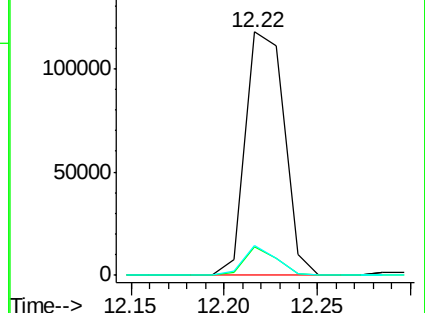
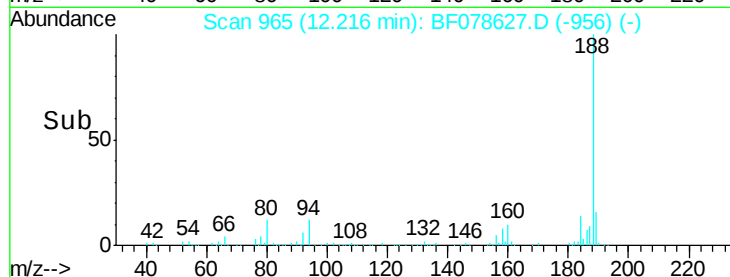
80 12.4 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 119.54 ng

RT: 12.26 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

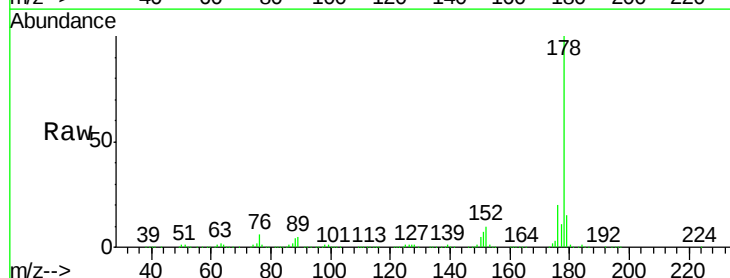
Tgt Ion:178 Resp: 1173268

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

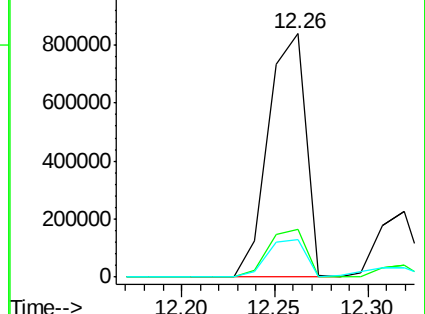
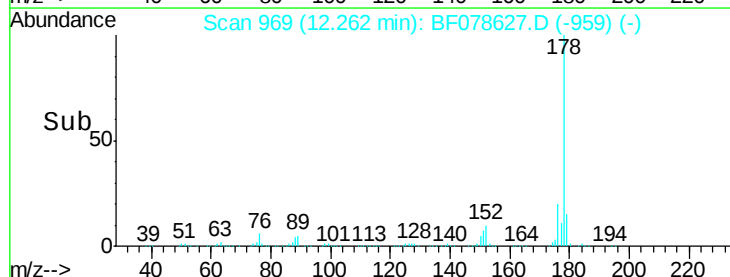
179 15.2 12.2 18.2

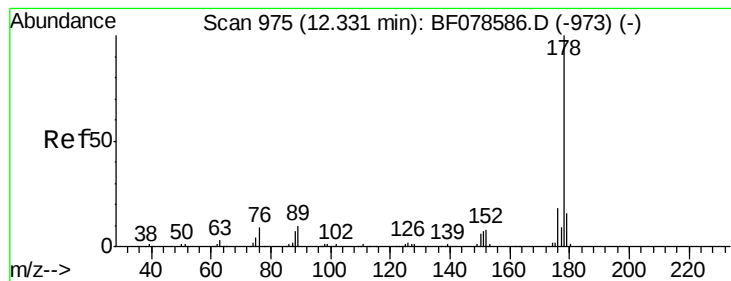


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.32 ng

RT: 12.32 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

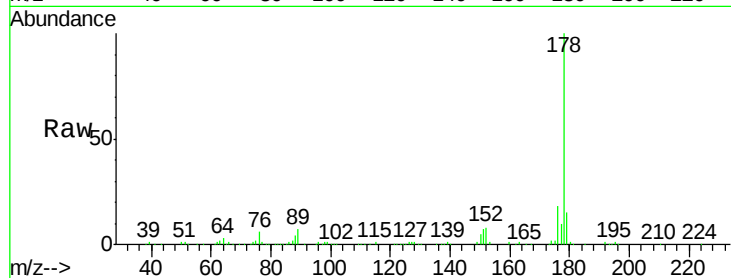
Tgt Ion:178 Resp: 283591

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

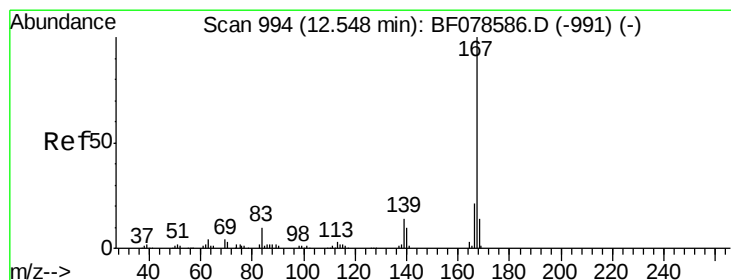
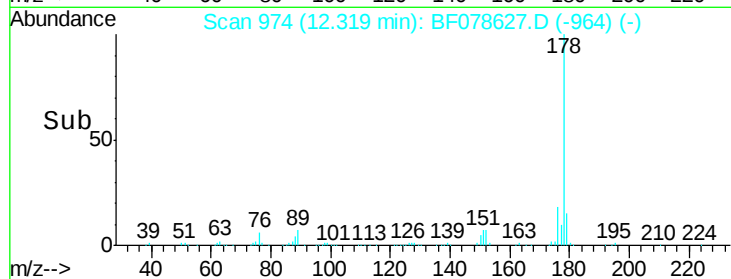
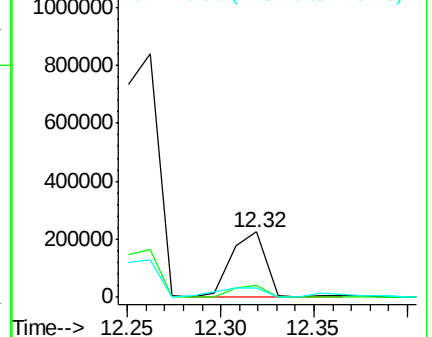
179 15.0 12.4 18.6



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



#72

Carbazole

Concen: 12.01 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

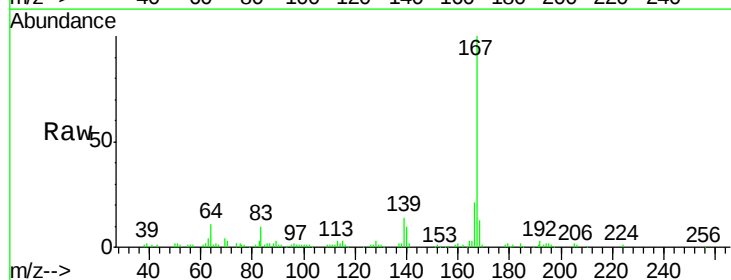
Tgt Ion:167 Resp: 108832

Ion Ratio Lower Upper

167 100

166 21.3 16.8 25.2

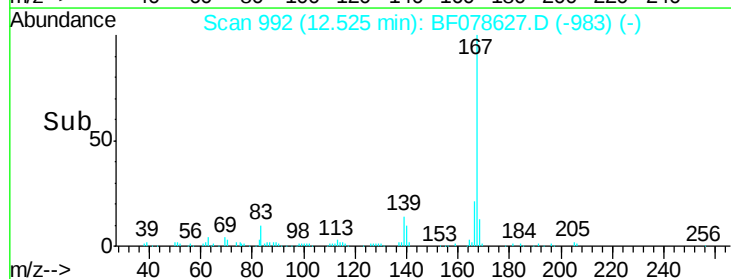
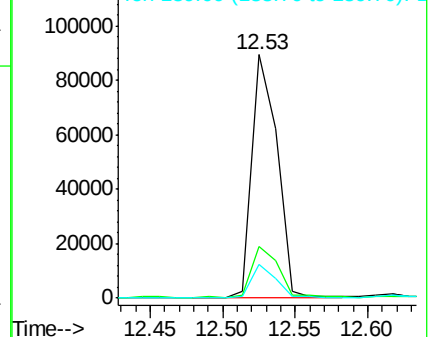
139 14.0 10.0 15.0

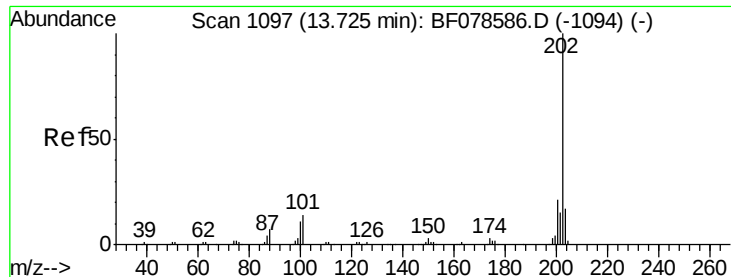


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 129.07 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.02 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

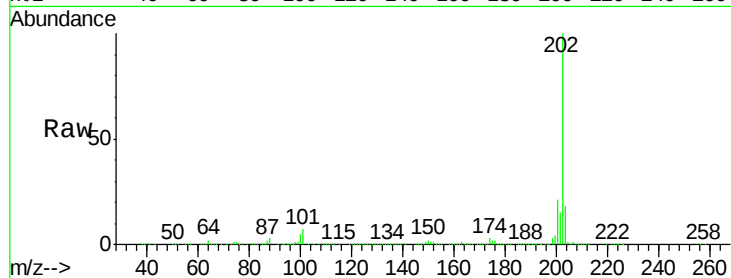
Tgt Ion:202 Resp: 1336039

Ion Ratio Lower Upper

202 100

101 6.6 0.0 35.2

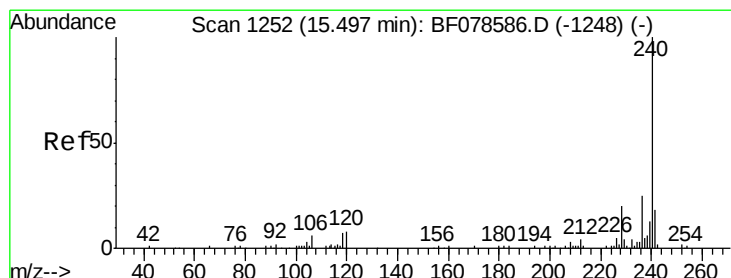
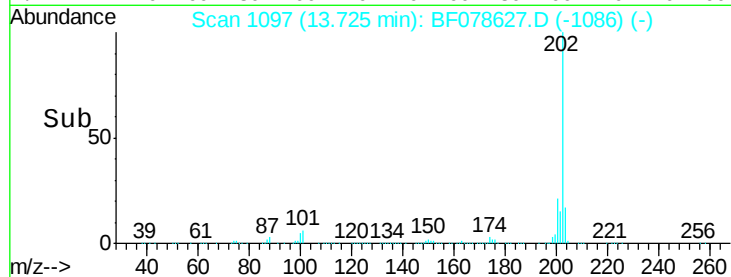
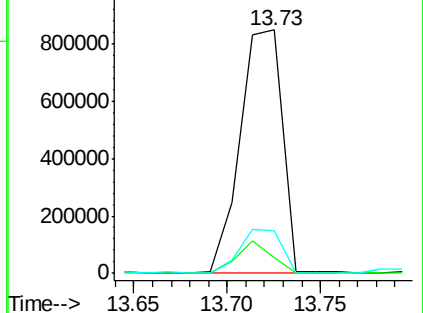
203 17.6 0.0 38.5



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: 15.47 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

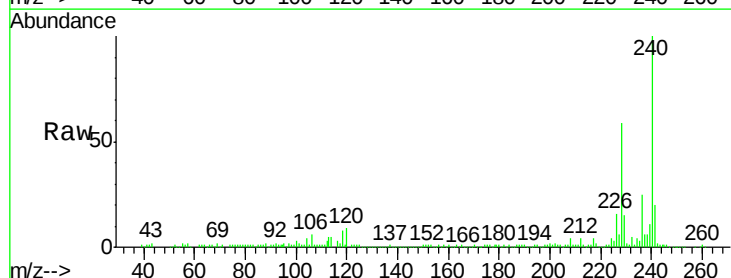
Tgt Ion:240 Resp: 181850

Ion Ratio Lower Upper

240 100

120 9.4 7.1 10.7

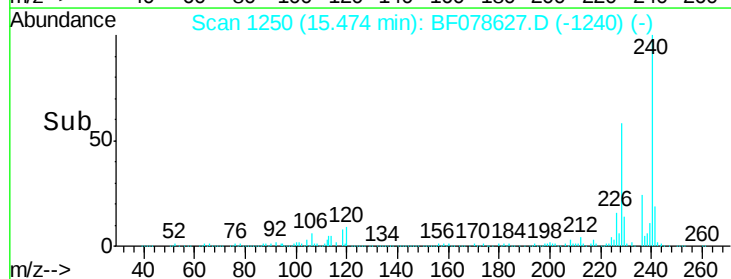
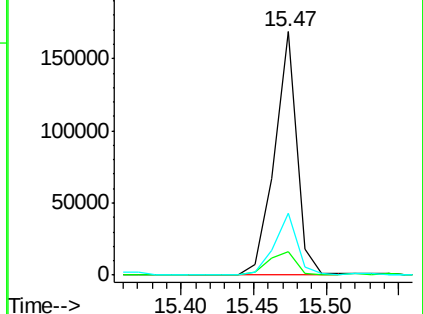
236 25.3 21.4 32.2

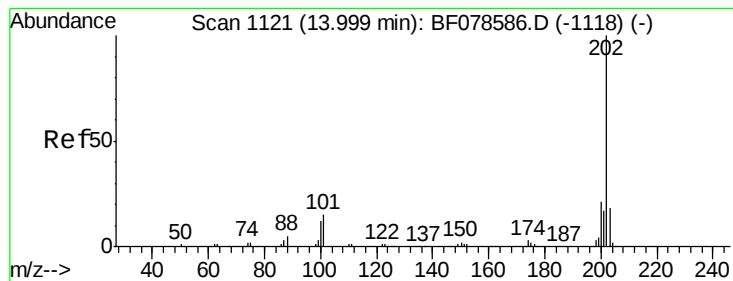


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 99.05 ng

RT: 13.99 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

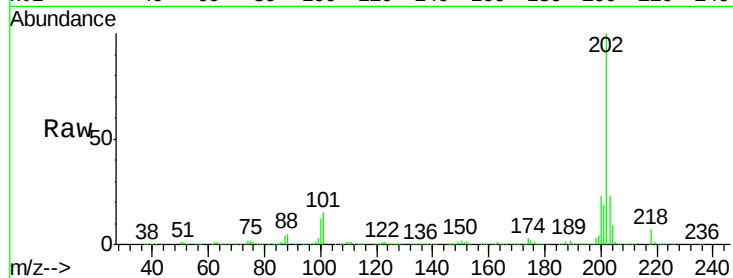
Tgt Ion: 202 Resp: 1130700

Ion Ratio Lower Upper

202 100

200 22.5 16.3 24.5

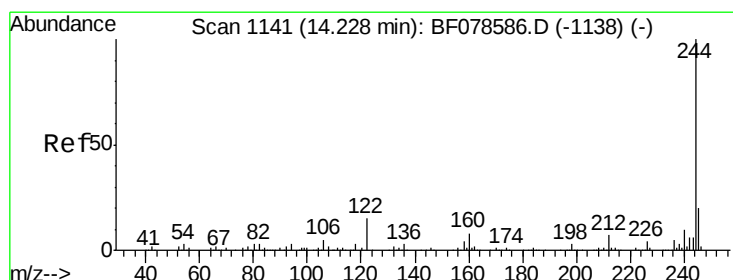
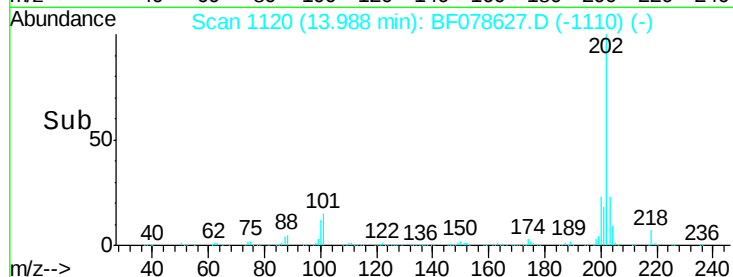
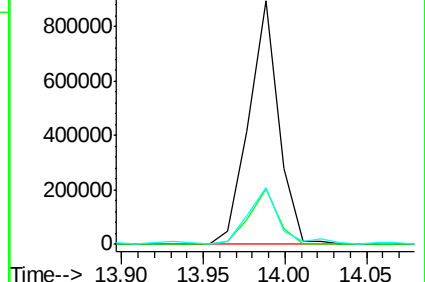
203 23.3 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 56.49 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

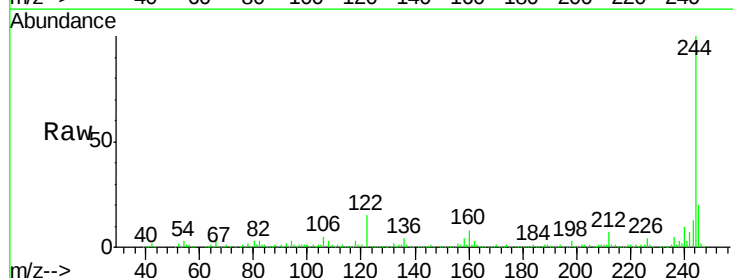
Tgt Ion: 244 Resp: 454614

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

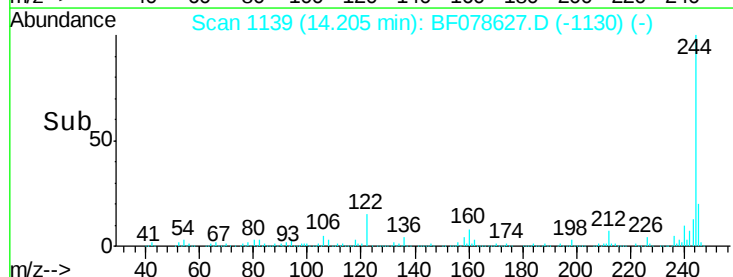
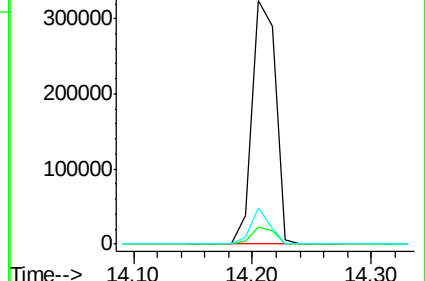
122 14.9 7.1 10.7#

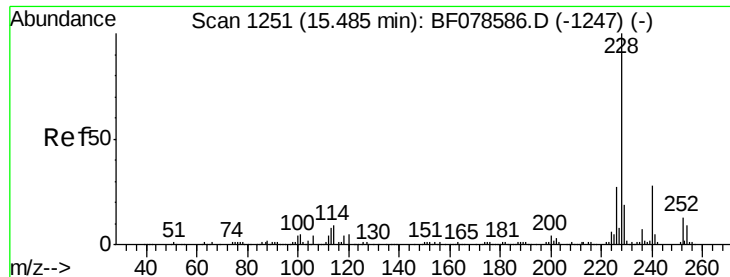


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 54.94 ng

RT: 15.46 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

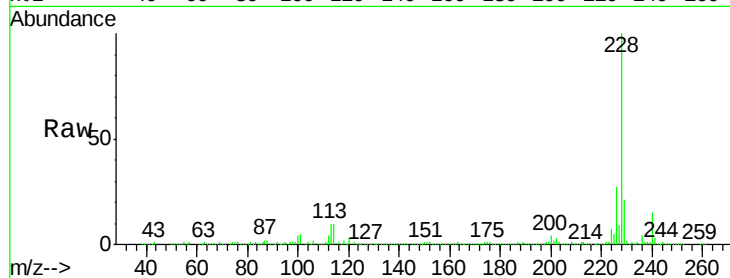
Tgt Ion:228 Resp: 594401

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

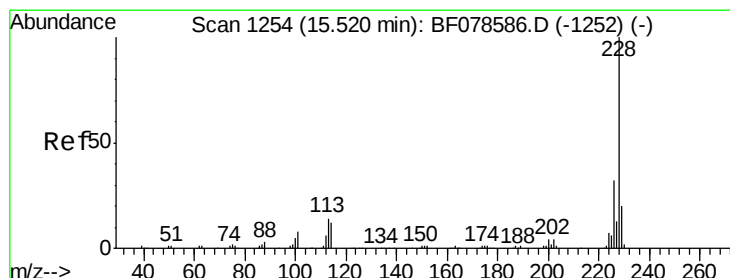
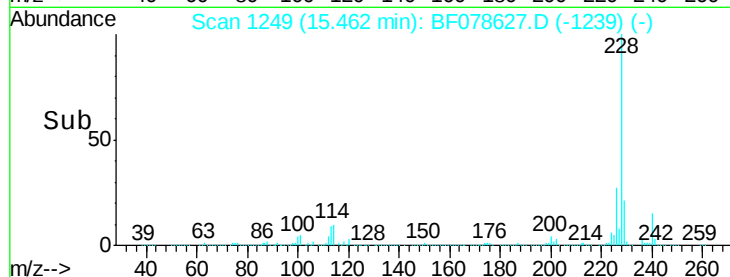
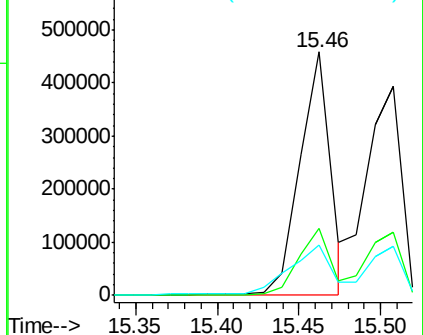
229 20.8 15.4 23.2



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



#82

Chrysene

Concen: 49.30 ng

RT: 15.51 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

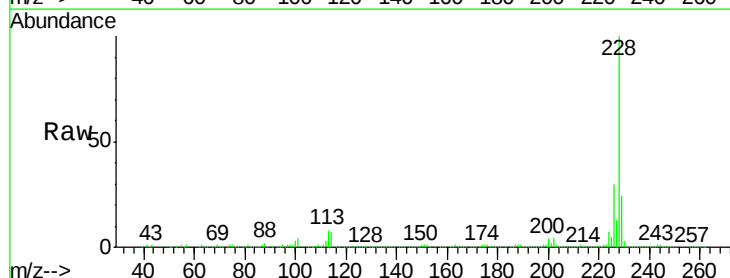
Tgt Ion:228 Resp: 501191

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

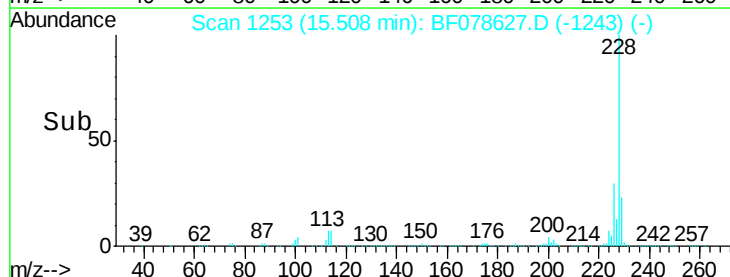
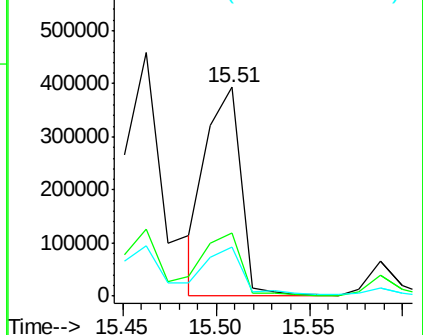
229 23.6 15.8 23.8

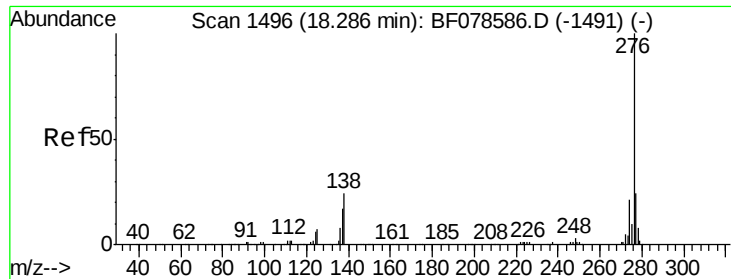


Abundance Ion 228.00 (227.70 to 228.70): E

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: 6.35 ng

RT: 18.22 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampleId :

SB-69S

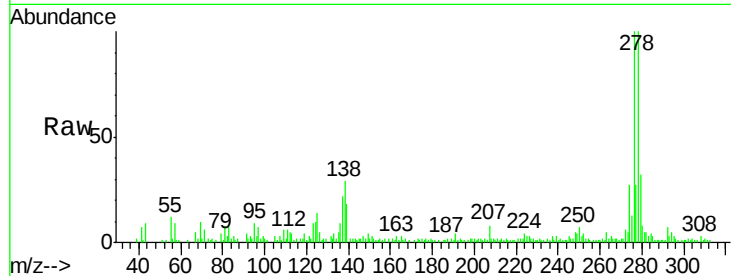
Tgt Ion:276 Resp: 73214

Ion Ratio Lower Upper

276 100

138 23.8 16.9 25.3

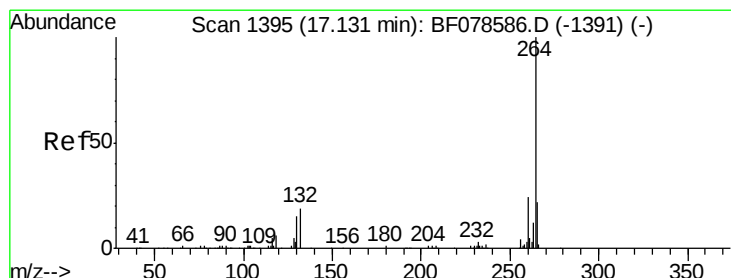
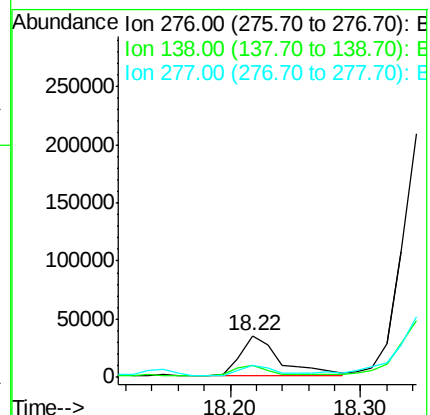
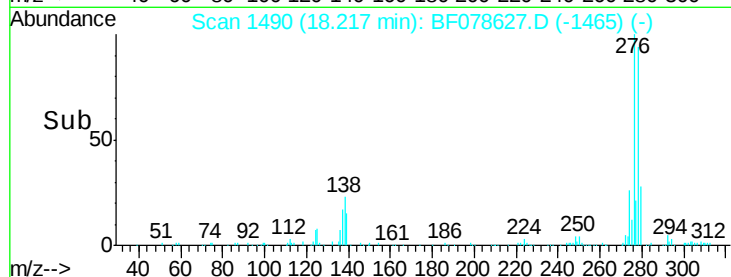
277 22.0 15.8 23.6



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: 17.15 min Scan# 1397

Delta R.T. 0.06 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

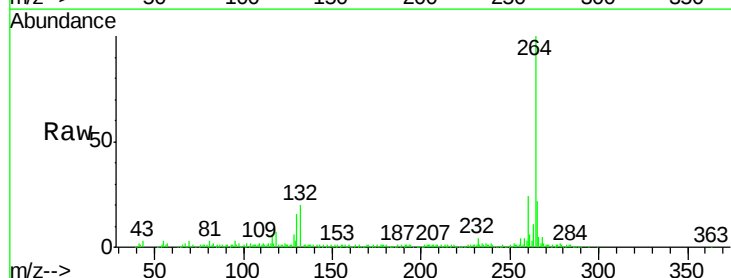
Tgt Ion:264 Resp: 188323

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

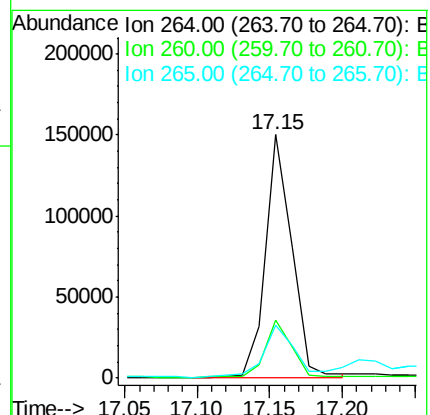
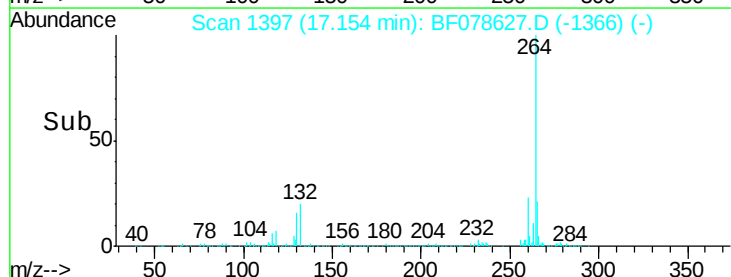
265 22.0 17.0 25.6

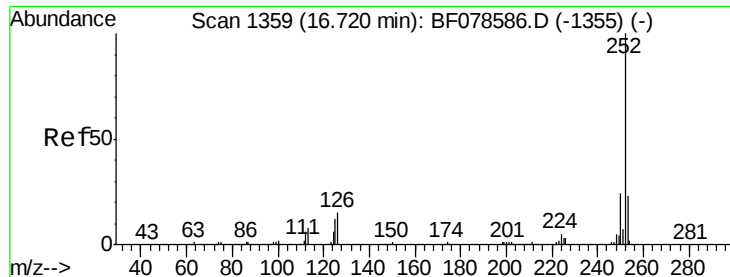


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

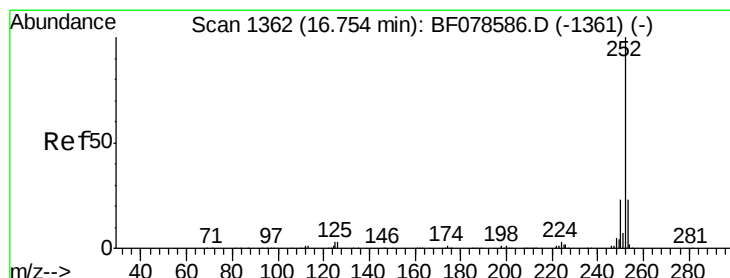
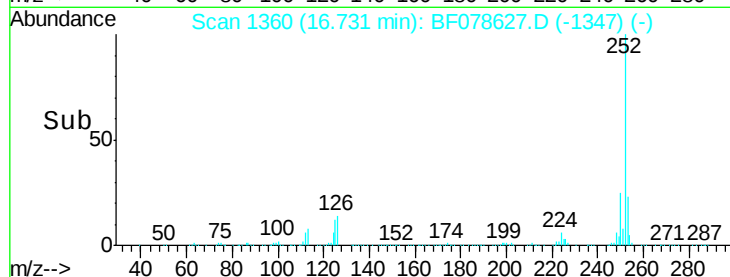
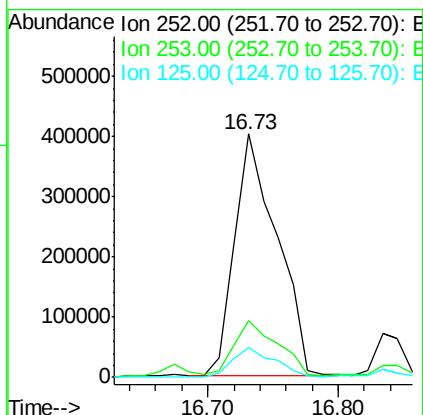
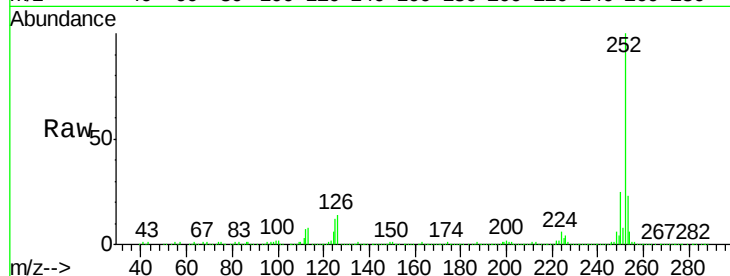




#87
Benzo(b)fluoranthene
Concen: 78.30 ng
RT: 16.73 min Scan# 1360
Delta R.T. 0.05 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

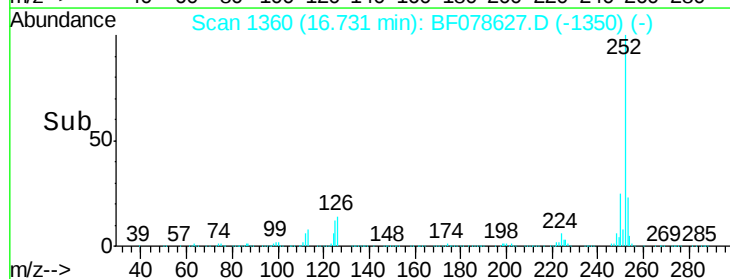
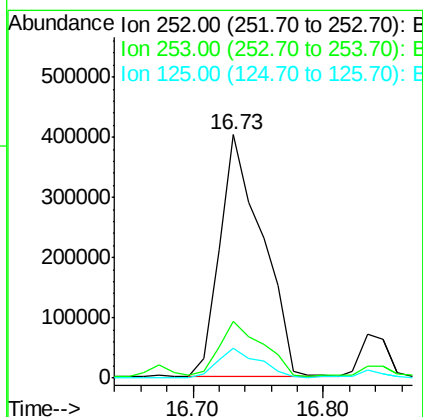
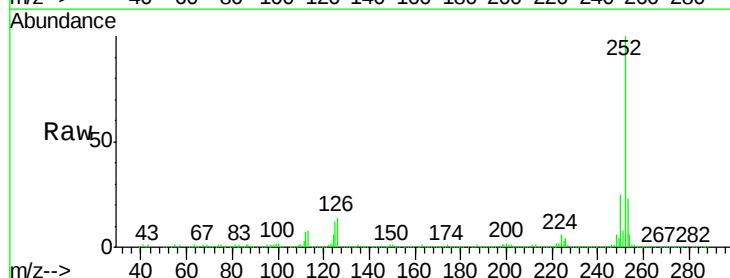
Instrument :
BNA_F
ClientSampled :
SB-69S

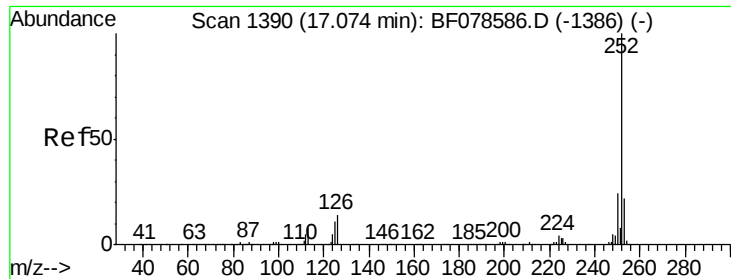
Tgt Ion:252 Resp: 911354
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 12.5 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 88.06 ng
RT: 16.73 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF078627.D
Acq: 18 Apr 2015 6:38

Tgt Ion:252 Resp: 910864
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 12.5 11.6 17.4





#89

Benzo(a)pyrene

Concen: 51.22 ng

RT: 17.10 min Scan# 1392

Delta R.T. 0.06 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

Instrument :

BNA_F

ClientSampled :

SB-69S

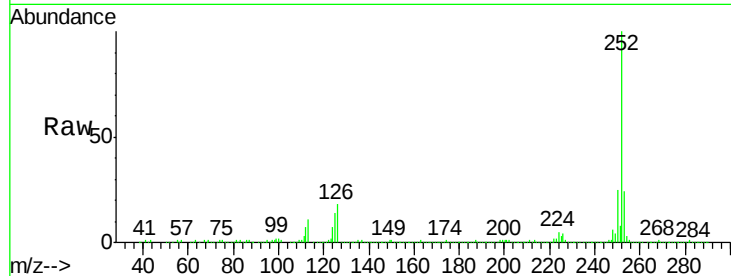
Tgt Ion:252 Resp: 520244

Ion Ratio Lower Upper

252 100

253 24.5 16.8 25.2

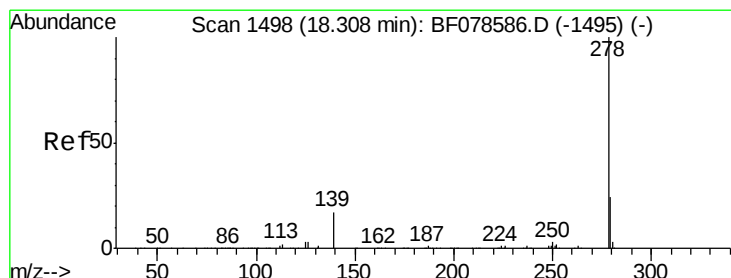
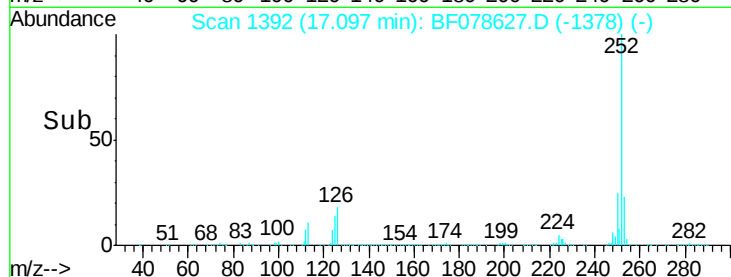
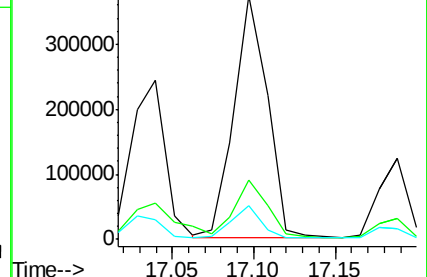
125 13.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.87 ng

RT: 18.35 min Scan# 1502

Delta R.T. 0.10 min

Lab File: BF078627.D

Acq: 18 Apr 2015 6:38

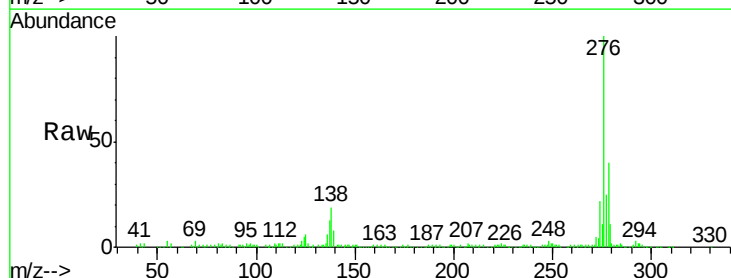
Tgt Ion:278 Resp: 90166

Ion Ratio Lower Upper

278 100

139 20.3 13.6 20.4

279 28.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

