

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078577.D
 Acq On : 16 Apr 2015 20:46
 Operator : TP/IZ
 Sample : G1855-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

Quant Time: Apr 17 01:23:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 00:52:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	20626	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	90589	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	46617	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	93232	20.00	ng	0.00
75) Chrysene-d12	15.50	240	107079	20.00	ng	0.01
86) Perylene-d12	17.22	264	116847	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	117330	93.79	ng	0.03
7) Phenol-d6	6.31	99	165175	105.36	ng	0.01
23) Nitrobenzene-d5	7.39	82	99907	66.85	ng	0.00
41) 2,4,6-Tribromophenol	11.41	330	41085	106.27	ng	0.01
44) 2-Fluorobiphenyl	9.62	172	206141	63.21	ng	0.00
78) Terphenyl-d14	14.24	244	231633	48.88	ng	0.01

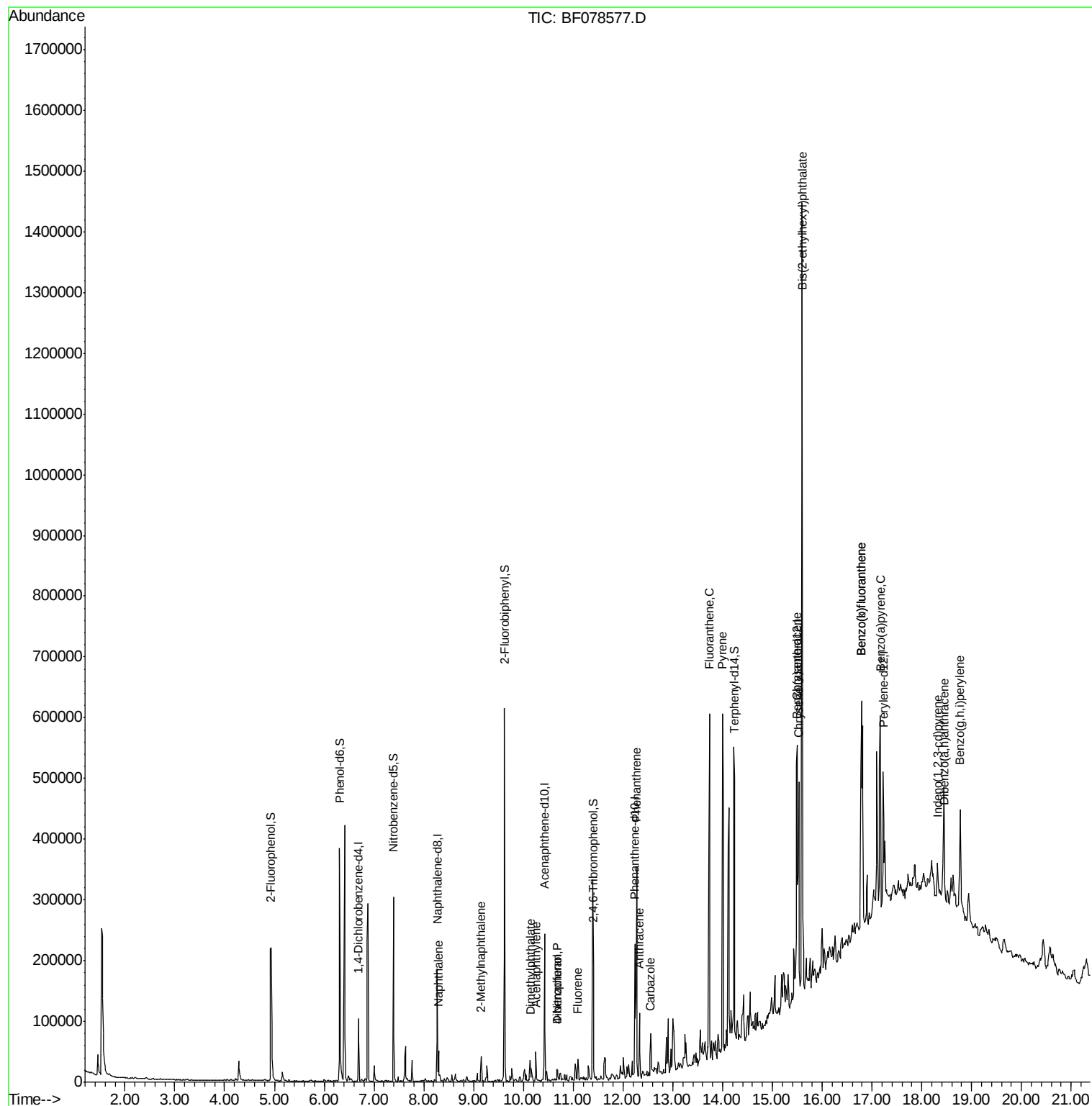
Target Compounds				Qvalue		
31) Naphthalene	8.30	128	22645	4.80	ng	98
37) 2-Methylnaphthalene	9.15	142	10192	3.18	ng	# 90
48) Acenaphthylene	10.25	152	21227	4.38	ng	99
49) Dimethylphthalate	10.14	163	14937	4.26	ng	# 99
54) Dibenzofuran	10.67	168	11228	2.70	ng	96
55) 4-Nitrophenol	10.67	139	4121	9.36	ng	# 18
57) Fluorene	11.10	166	7775	2.30	ng	# 94
70) Phenanthrene	12.27	178	149568	27.73	ng	99
71) Anthracene	12.33	178	46385	8.73	ng	99
72) Carbazole	12.55	167	12804	2.57	ng	# 92
74) Fluoranthene	13.74	202	290560	51.09	ng	92
77) Pyrene	14.00	202	266408	39.63	ng	# 93
80) Benzo(a)anthracene	15.49	228	173262	27.20	ng	95
82) Chrysene	15.53	228	145520	24.31	ng	97
83) Bis(2-ethylhexyl)phthalate	15.60	149	512956	127.66	ng	98
85) Indeno(1,2,3-cd)pyrene	18.32	276	27546	4.06	ng	96
87) Benzo(b)fluoranthene	16.79	252	313583	43.42	ng	# 96
88) Benzo(k)fluoranthene	16.79	252	314663	49.03	ng	98
89) Benzo(a)pyrene	17.17	252	175047	27.77	ng	97
90) Dibenzo(a,h)anthracene	18.46	278	34160	5.41	ng	# 85
91) Benzo(g,h,i)perylene	18.77	276	117832	18.63	ng	96

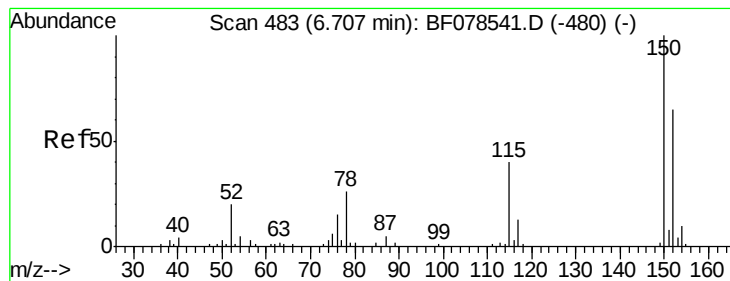
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
Data File : BF078577.D
Acq On : 16 Apr 2015 20:46
Operator : TP/IZ
Sample : G1855-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB16A(6-12)

Quant Time: Apr 17 01:23:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 00:52:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

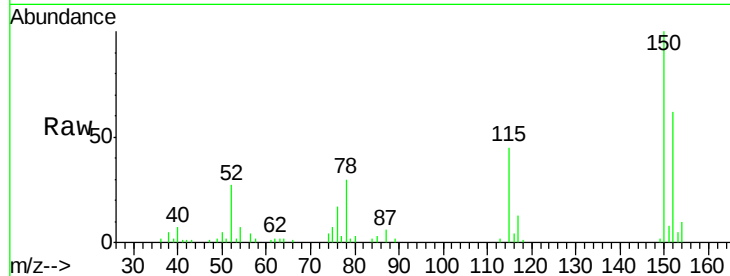
Tgt Ion:152 Resp: 20626

Ion Ratio Lower Upper

152 100

150 160.7 125.9 188.9

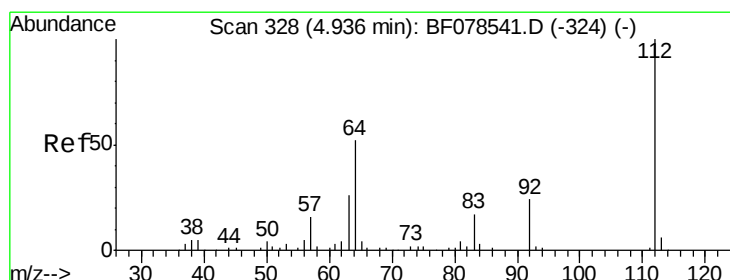
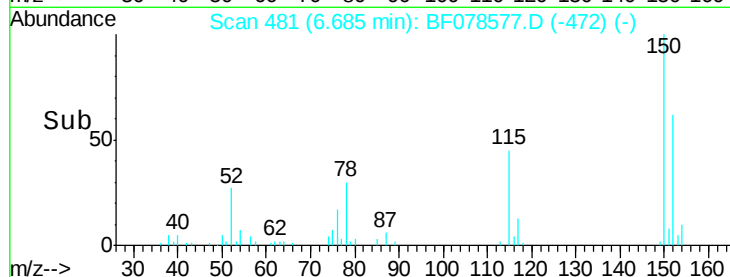
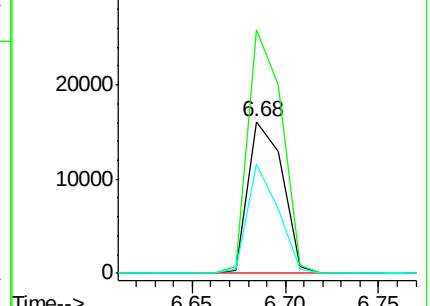
115 72.0 52.7 79.1



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: 93.79 ng

RT: 4.94 min Scan# 328

Delta R.T. 0.03 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

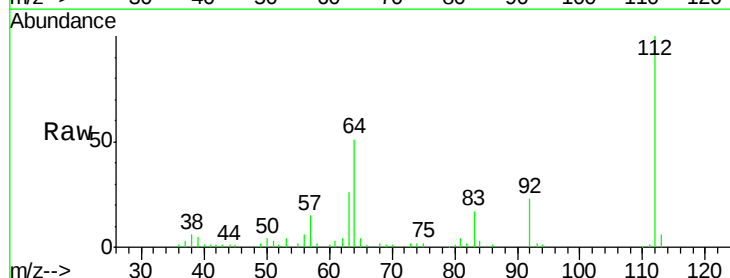
Tgt Ion:112 Resp: 117330

Ion Ratio Lower Upper

112 100

64 51.3 39.9 59.9

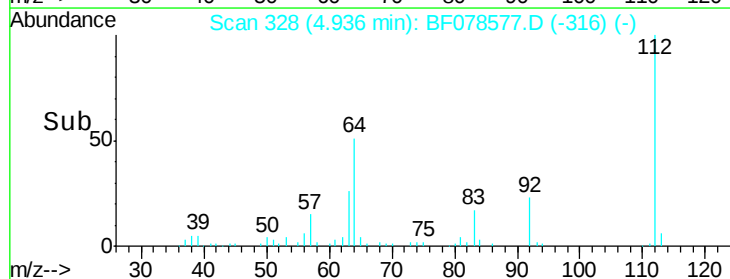
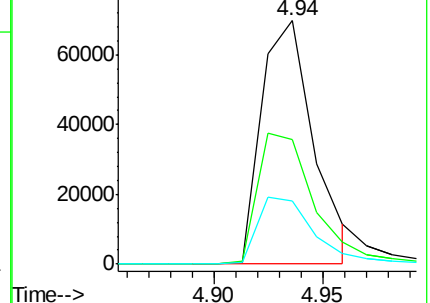
63 25.9 20.2 30.4

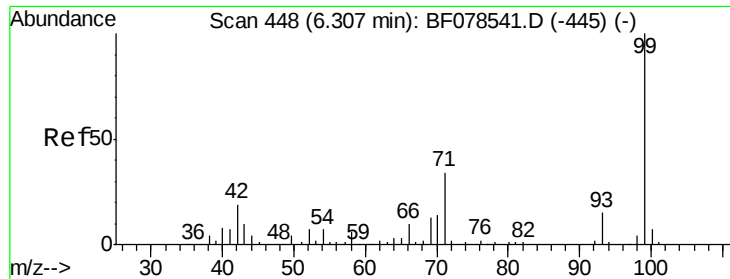


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.36 ng

RT: 6.31 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

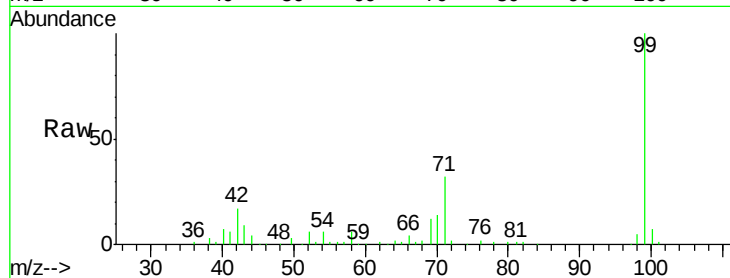
Tgt Ion: 99 Resp: 165175

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

71 32.4 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

200000

150000

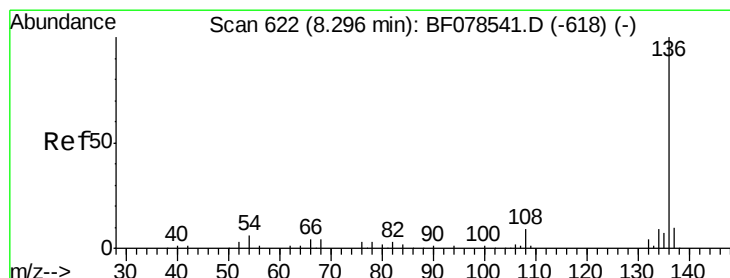
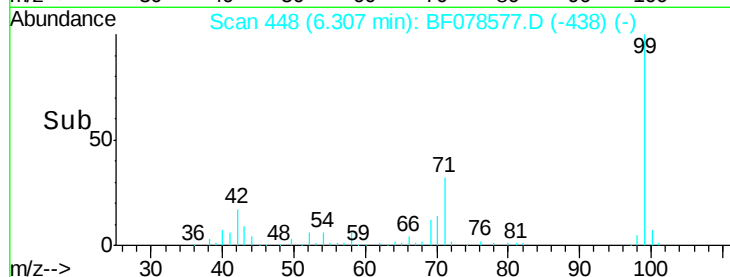
100000

50000

0

6.25 6.30 6.35

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Tgt Ion: 136 Resp: 90589

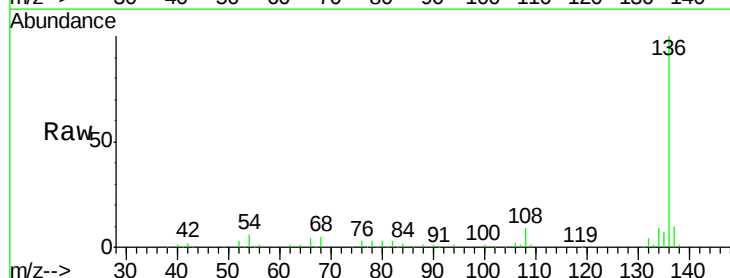
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.2 7.0 10.6#

68 4.7 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

150000

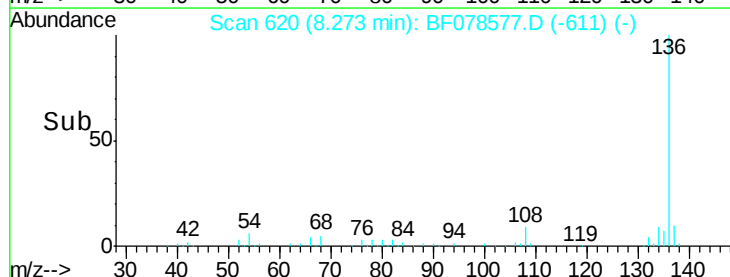
100000

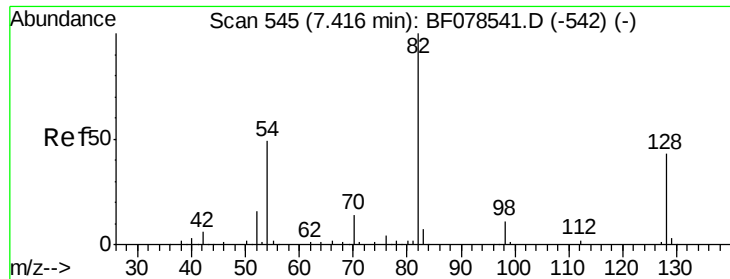
50000

0

8.20 8.25 8.30

Time-->

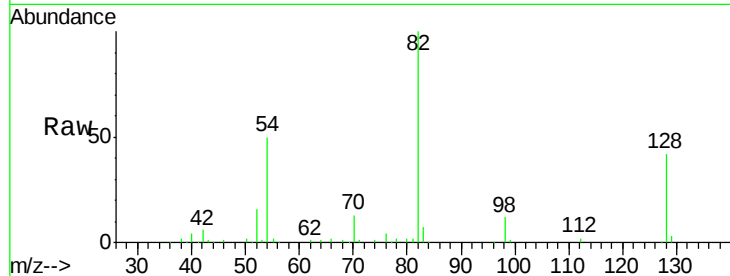




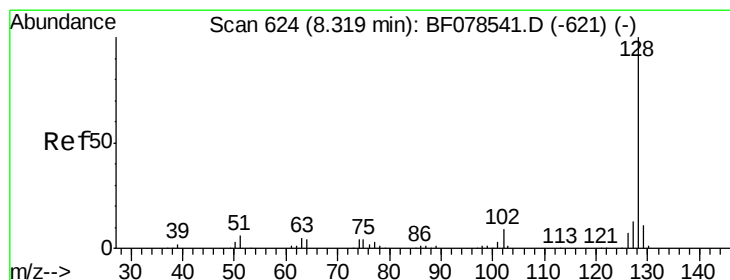
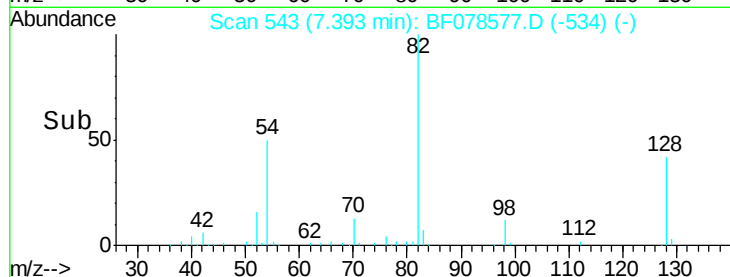
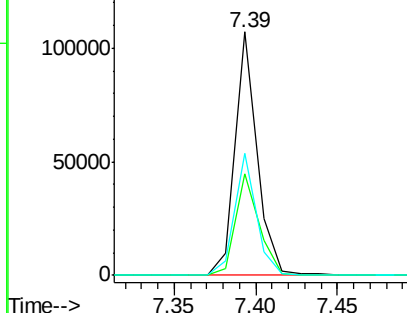
#23
 Nitrobenzene-d5
 Concen: 66.85 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.8
54	50.0	41.5	62.3

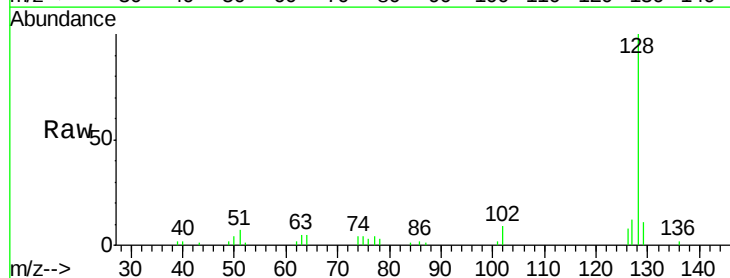


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

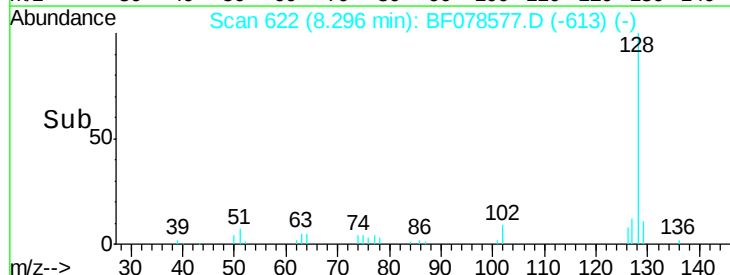
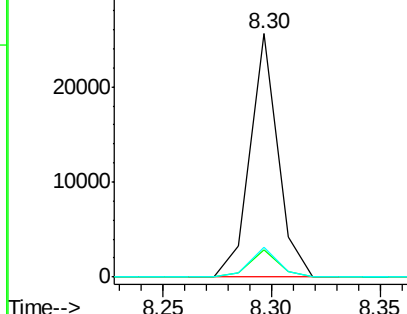


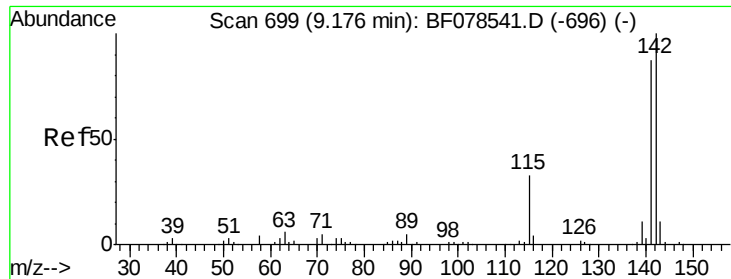
#31
 Naphthalene
 Concen: 4.80 ng
 RT: 8.30 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	12.4	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

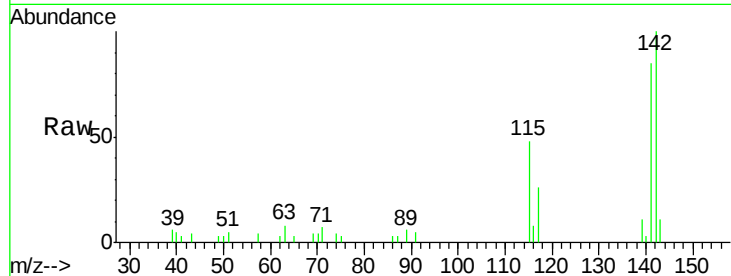




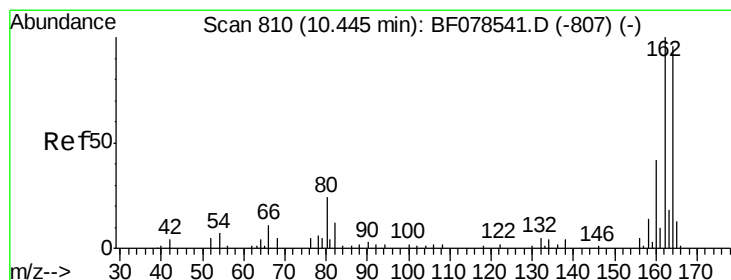
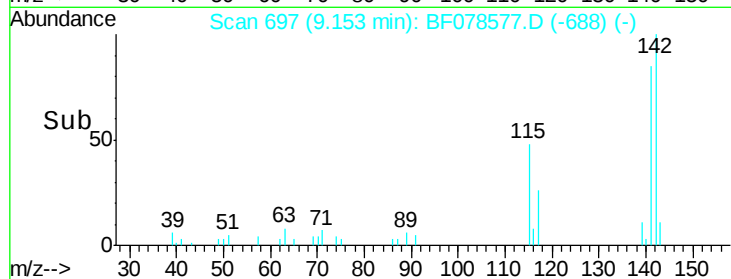
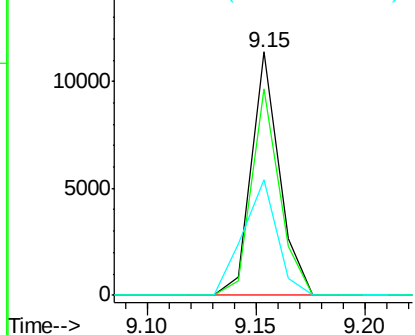
#37
 2-Methylnaphthalene
 Concen: 3.18 ng
 RT: 9.15 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

Tgt Ion:142 Resp: 10192
 Ion Ratio Lower Upper
 142 100
 141 85.0 70.3 105.5
 115 47.6 24.6 37.0#

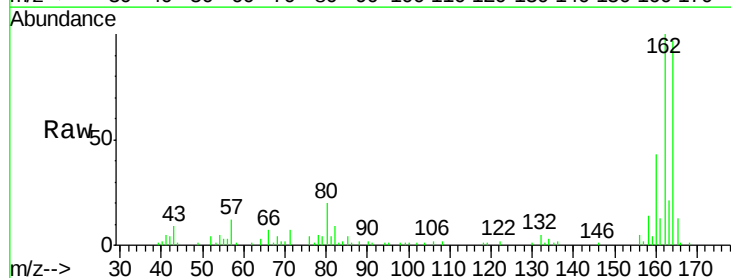


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

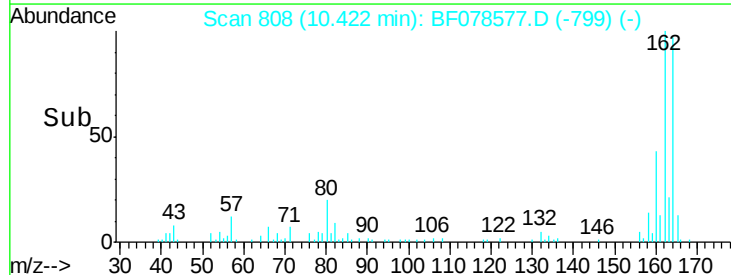
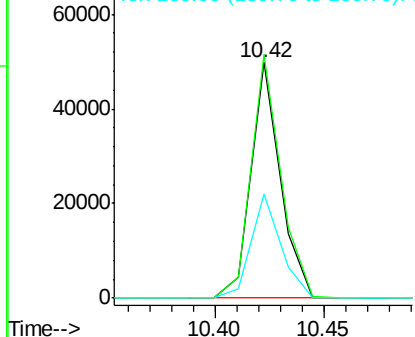


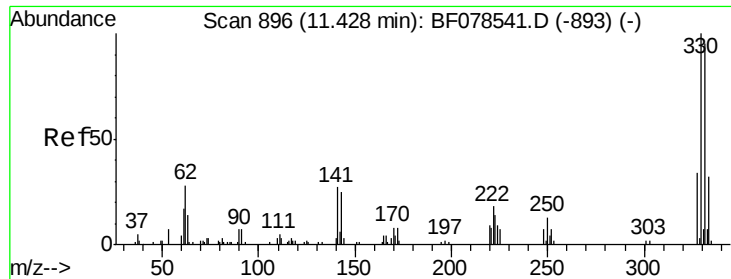
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Tgt Ion:164 Resp: 46617
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.2
 160 44.1 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

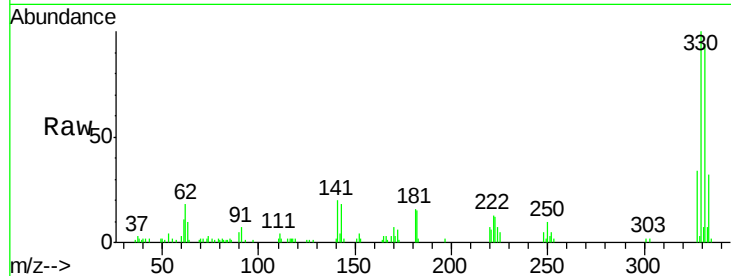




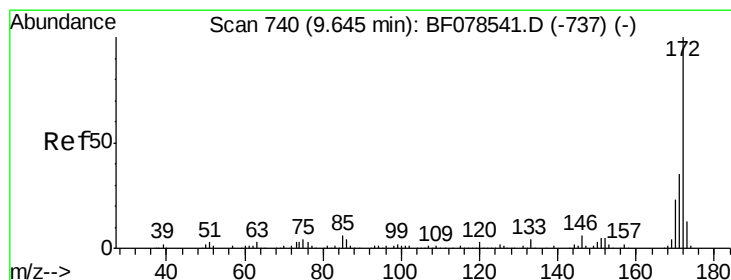
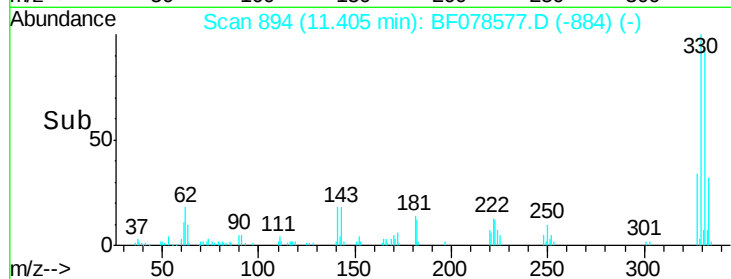
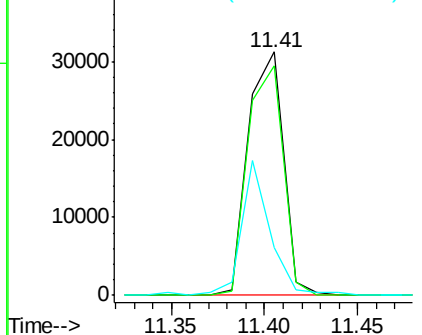
#41
 2,4,6-Tribromophenol
 Concen: 106.27 ng
 RT: 11.41 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

Tgt Ion:330 Resp: 41085
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 45.6 31.2 46.8

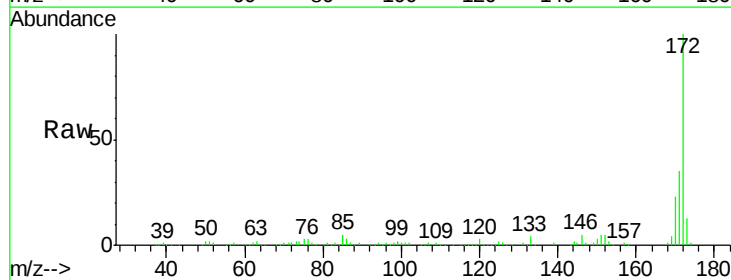


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

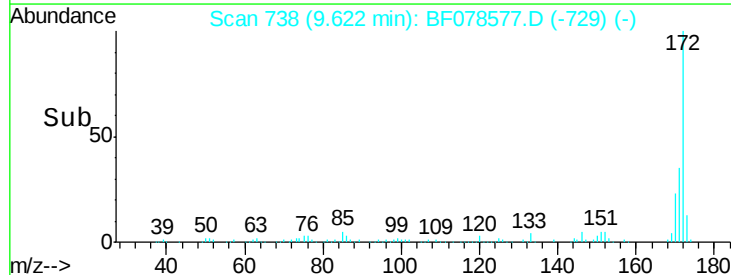
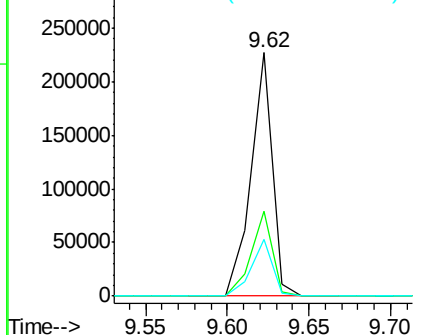


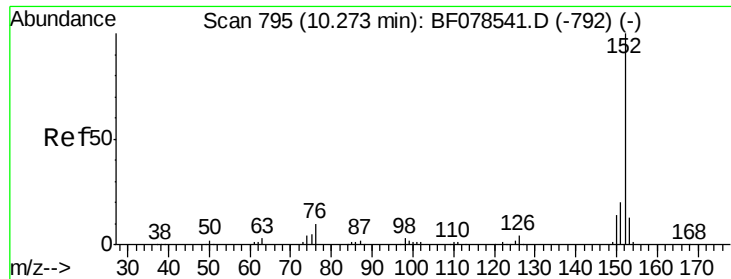
#44
 2-Fluorobiphenyl
 Concen: 63.21 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Tgt Ion:172 Resp: 206141
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.0 18.5 27.7



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: 4.38 ng

RT: 10.25 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

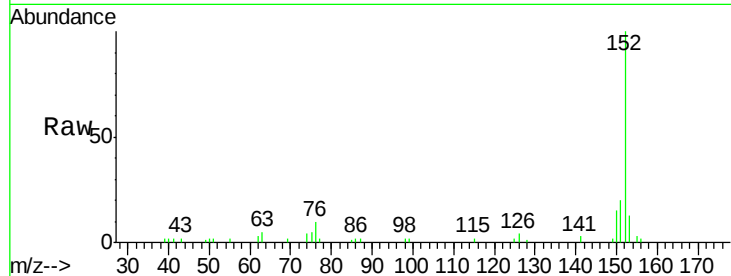
Tgt Ion:152 Resp: 21227

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

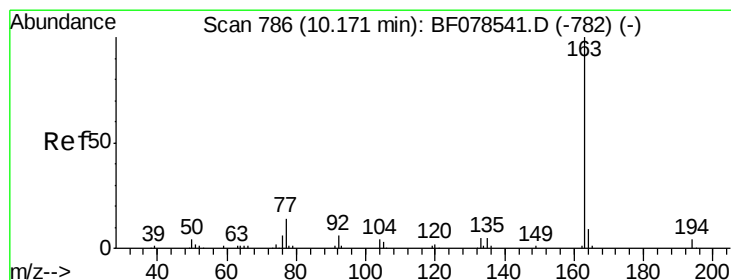
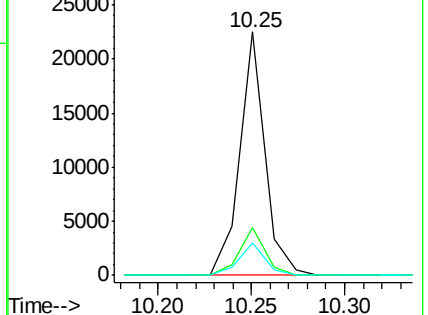
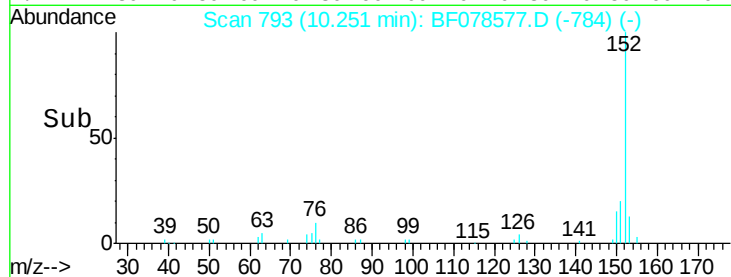
153 13.2 10.2 15.2



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: 4.26 ng

RT: 10.14 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

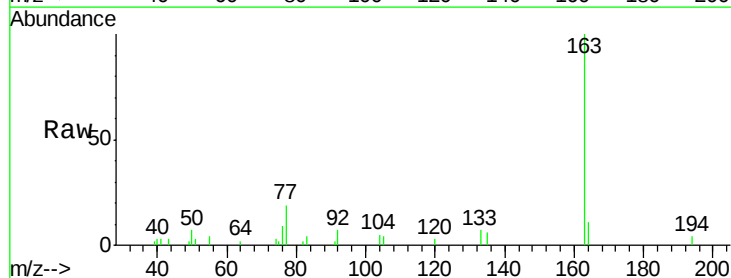
Tgt Ion:163 Resp: 14937

Ion Ratio Lower Upper

163 100

194 4.1 2.3 3.5#

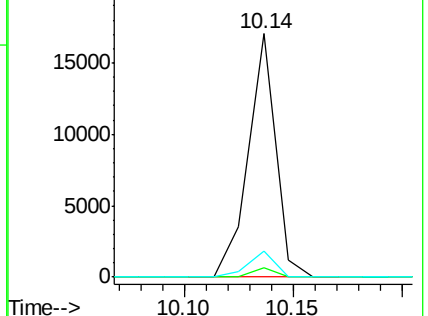
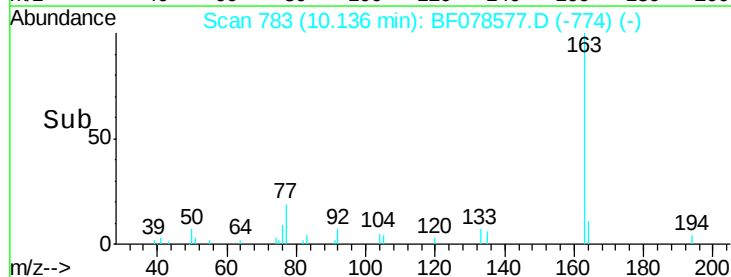
164 10.5 8.6 13.0

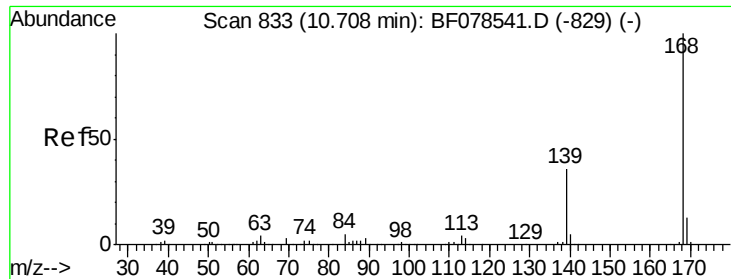


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

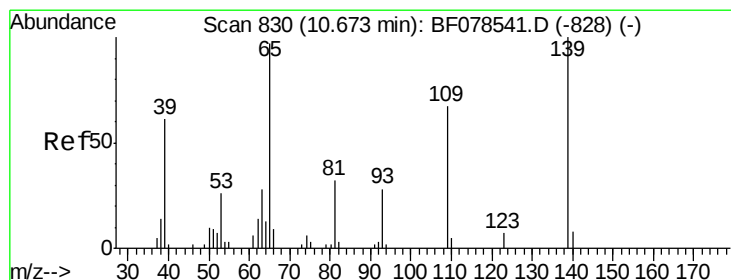
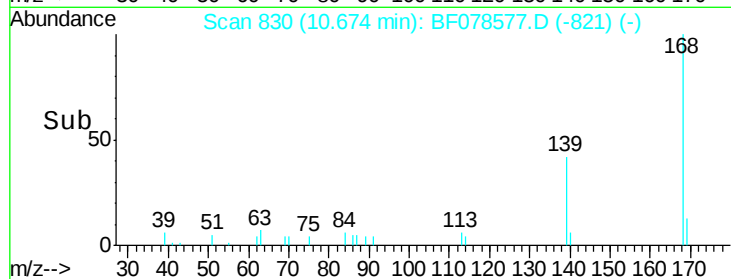
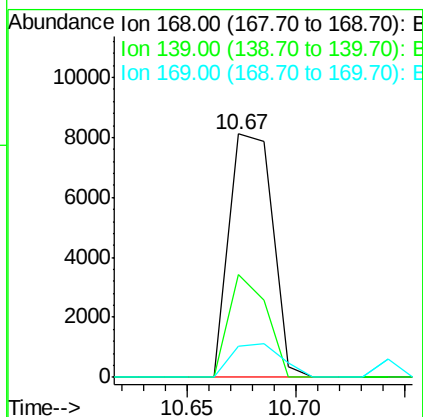
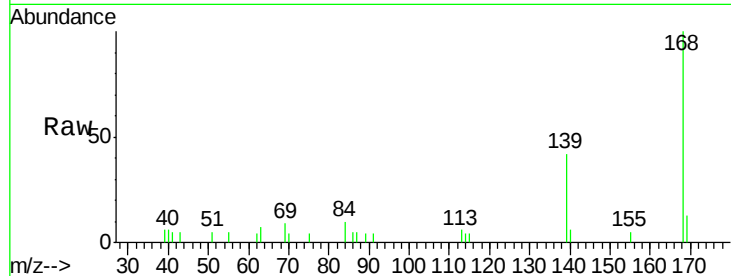




#54
Dibenzenofuran
Concen: 2.70 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF078577.D
Acq: 16 Apr 2015 20:46

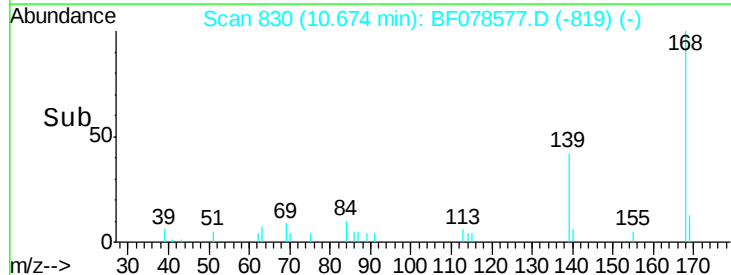
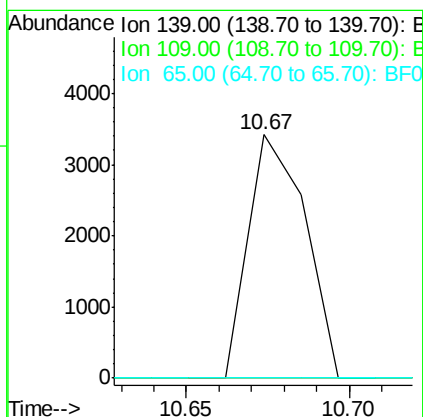
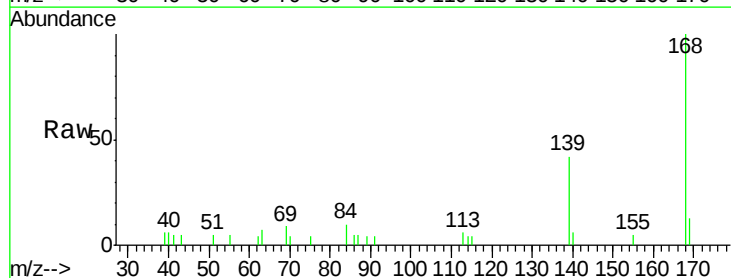
Instrument :
BNA_F
ClientSampleId :
LS-SB16A(6-12)

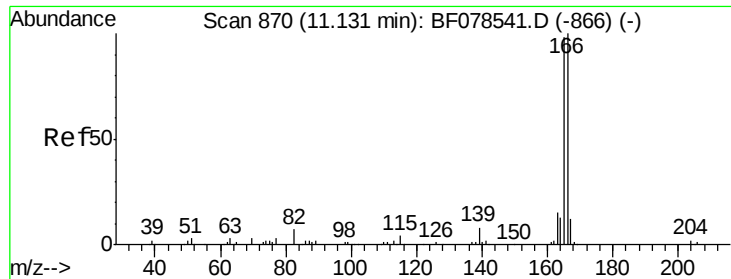
Tgt Ion:168 Resp: 11228
Ion Ratio Lower Upper
168 100
139 42.2 31.0 46.4
169 13.0 10.7 16.1



#55
4-Nitrophenol
Concen: 9.36 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.02 min
Lab File: BF078577.D
Acq: 16 Apr 2015 20:46

Tgt Ion:139 Resp: 4121
Ion Ratio Lower Upper
139 100
109 0.0 36.7 76.7#
65 0.0 49.9 89.9#

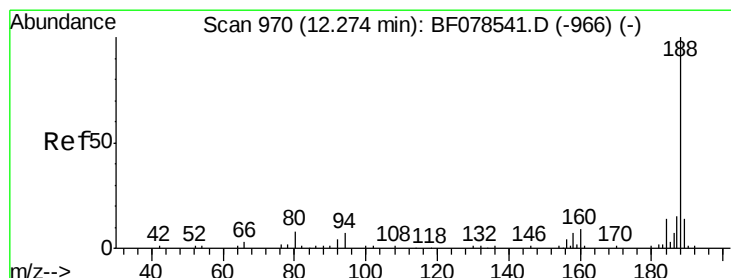
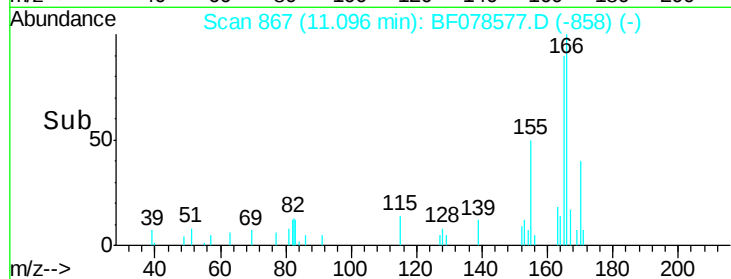
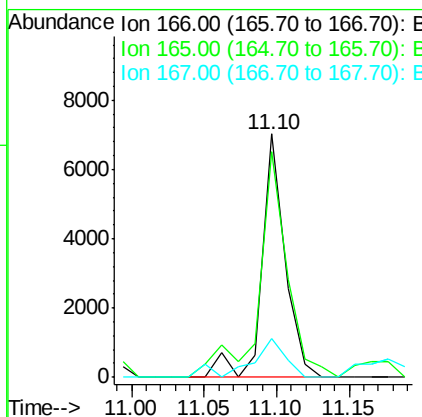
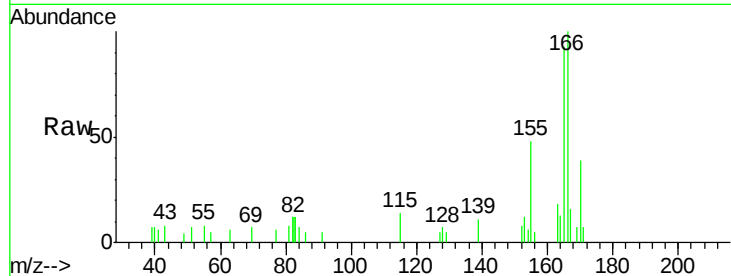




#57
 Fluorene
 Concen: 2.30 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

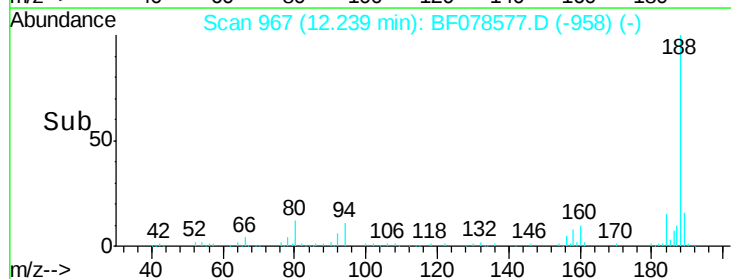
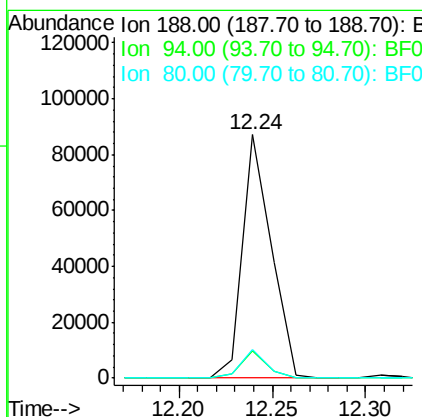
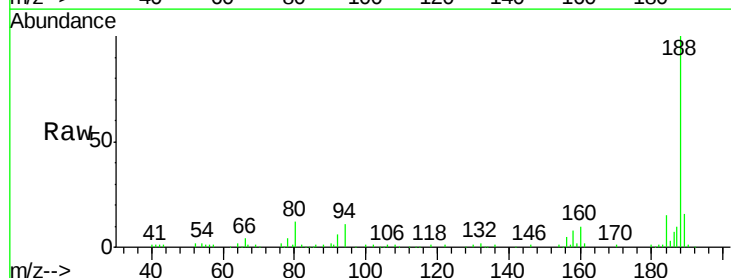
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

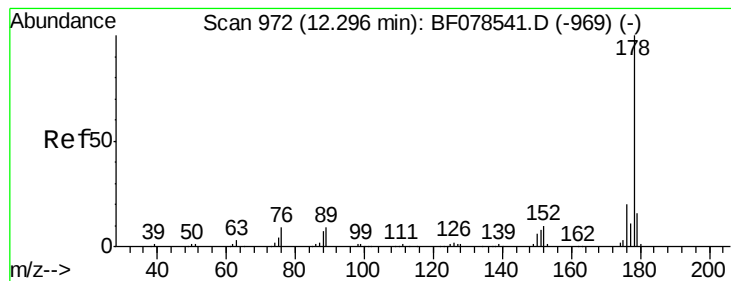
Tgt Ion:166 Resp: 7775
 Ion Ratio Lower Upper
 166 100
 165 92.6 78.9 118.3
 167 16.2 10.7 16.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Tgt Ion:188 Resp: 93232
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.0 13.4
 80 11.5 9.5 14.3





#70

Phenanthrene

Concen: 27.73 ng

RT: 12.27 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

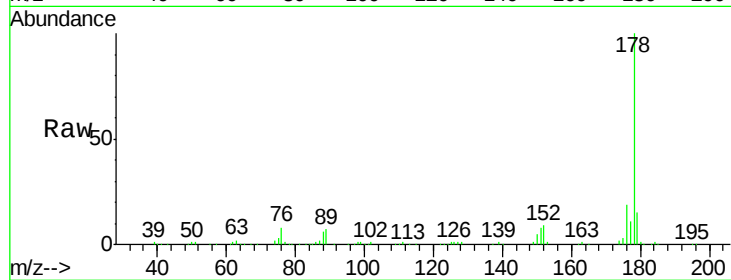
Tgt Ion:178 Resp: 149568

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

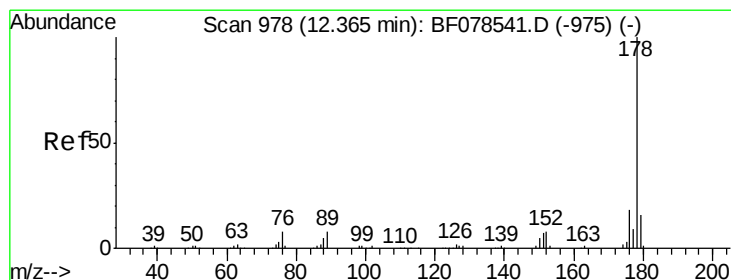
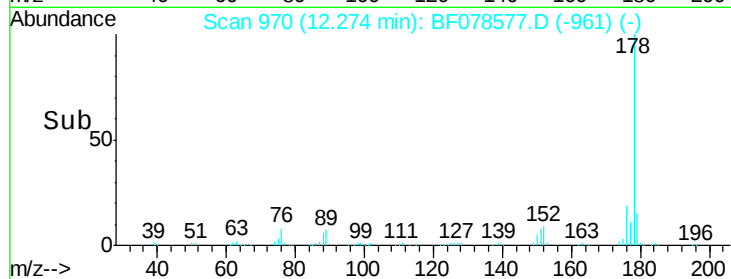
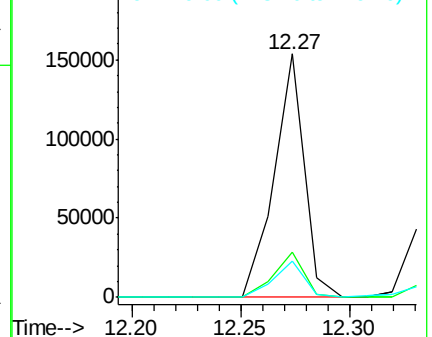
179 15.0 12.2 18.2



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: 8.73 ng

RT: 12.33 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

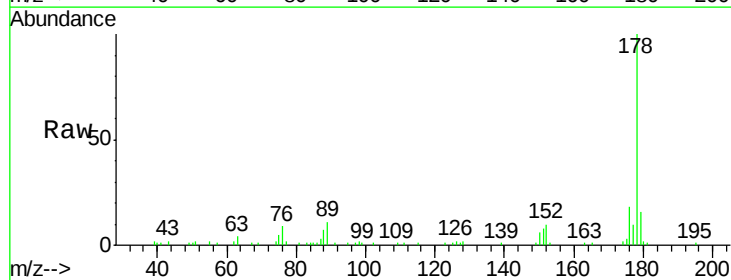
Tgt Ion:178 Resp: 46385

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

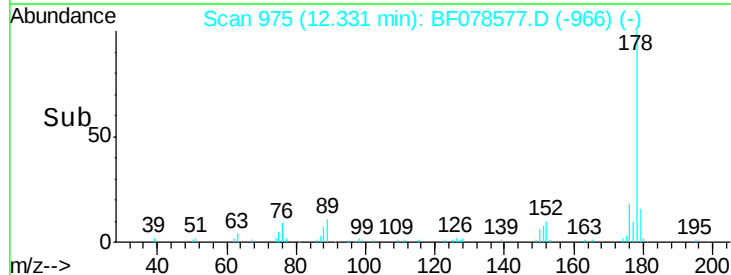
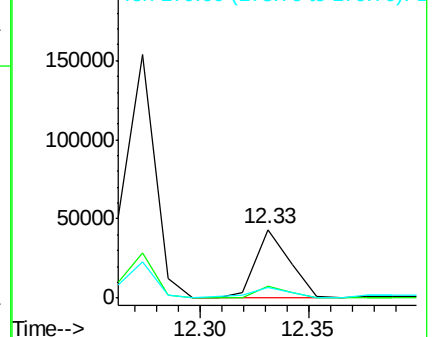
179 16.1 12.4 18.6

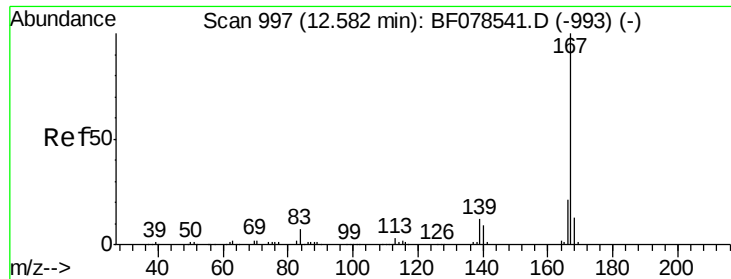


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.57 ng

RT: 12.55 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

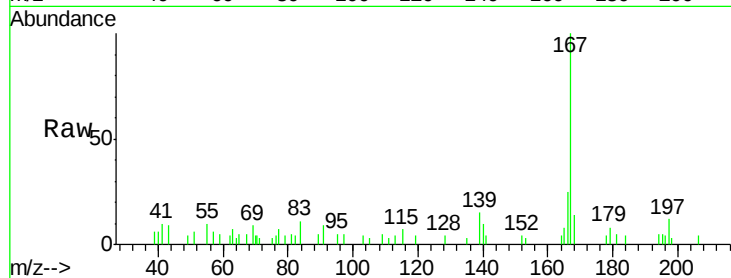
Tgt Ion:167 Resp: 12804

Ion Ratio Lower Upper

167 100

166 24.6 16.8 25.2

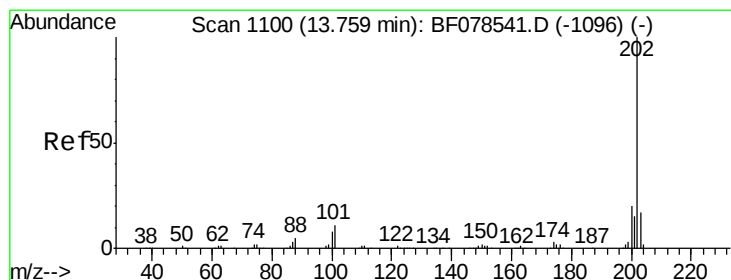
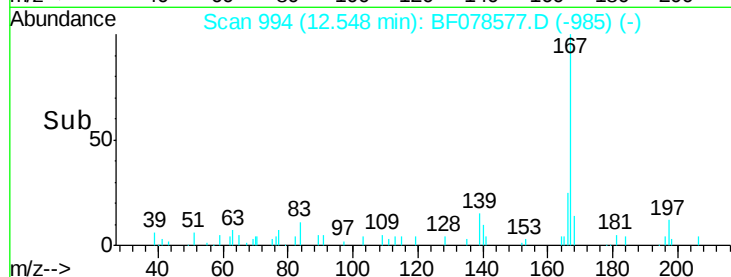
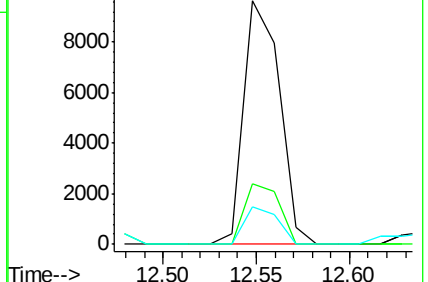
139 15.4 10.0 15.0#



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: 51.09 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

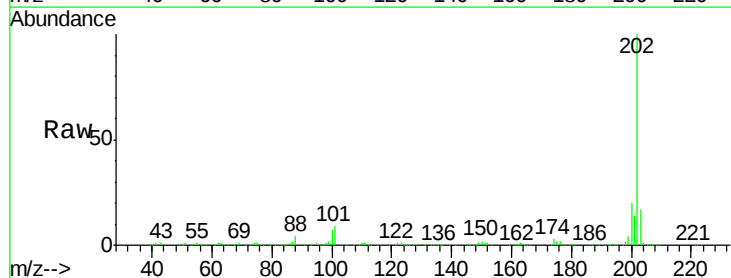
Tgt Ion:202 Resp: 290560

Ion Ratio Lower Upper

202 100

101 9.2 0.0 35.2

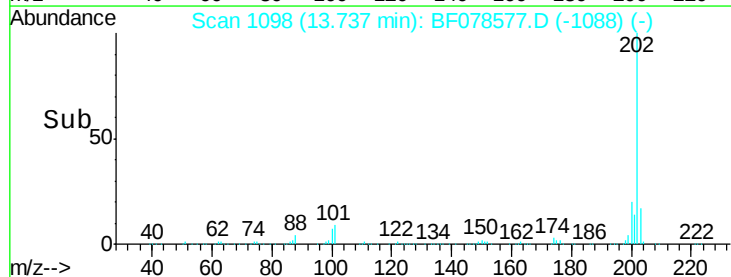
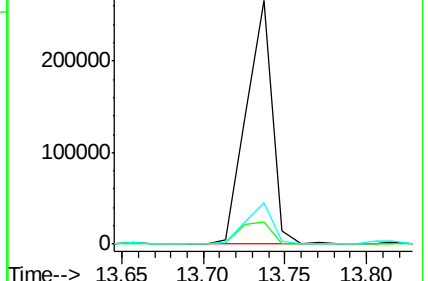
203 17.2 0.0 38.5

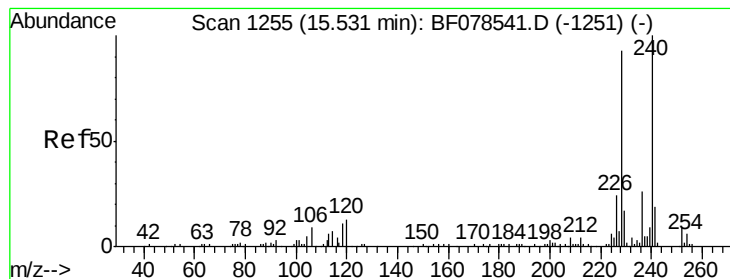


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.50 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

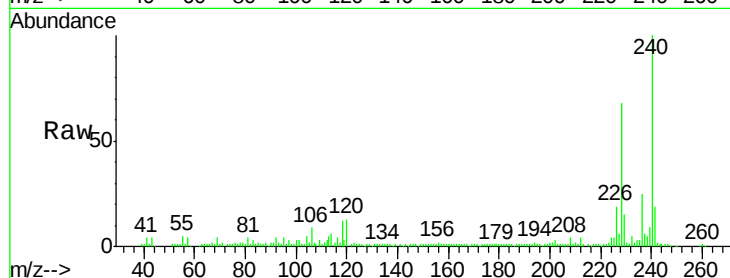
Tgt Ion:240 Resp: 107079

Ion Ratio Lower Upper

240 100

120 13.2 7.1 10.7#

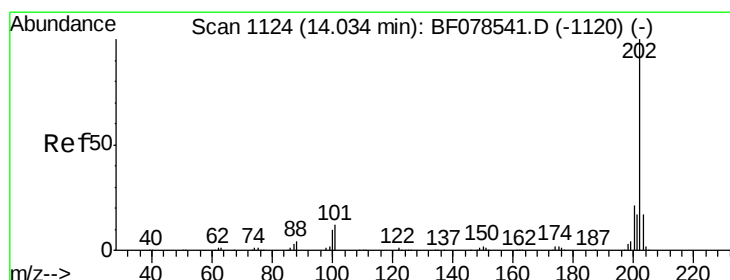
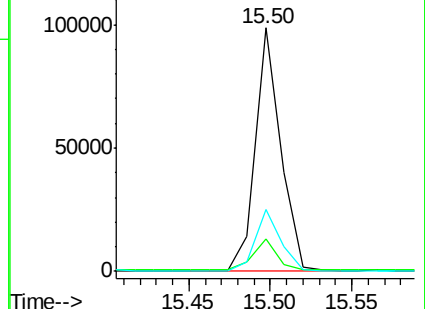
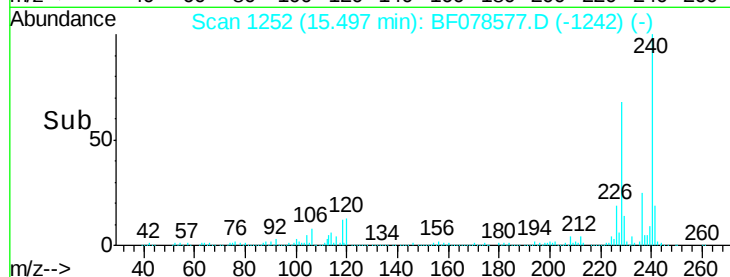
236 25.1 21.4 32.2



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: 39.63 ng

RT: 14.00 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

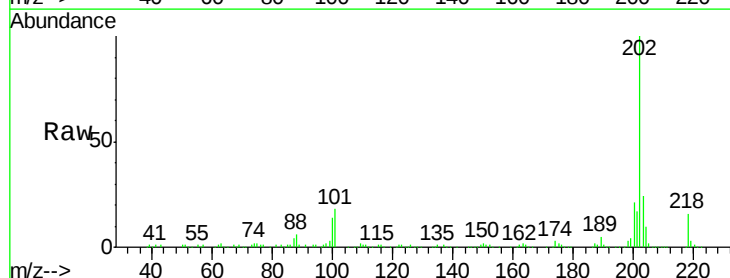
Tgt Ion:202 Resp: 266408

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

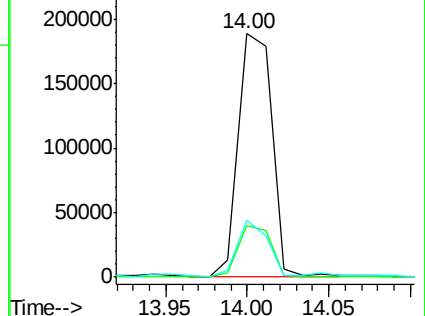
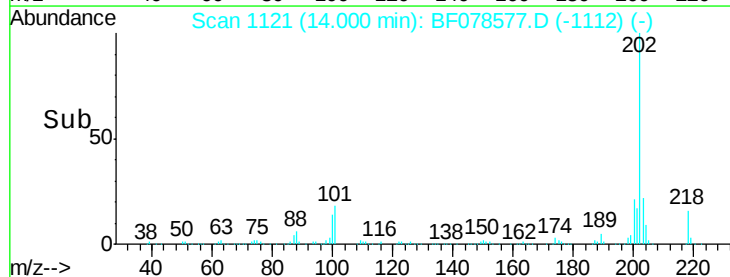
203 23.5 13.8 20.6#

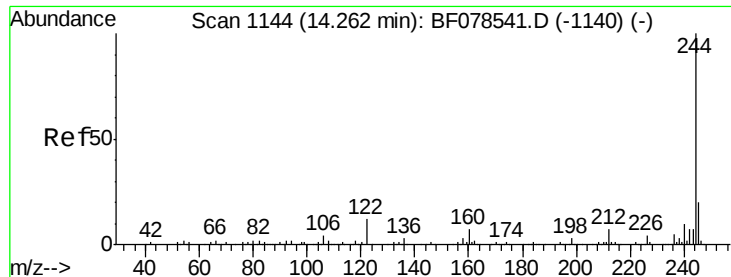


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

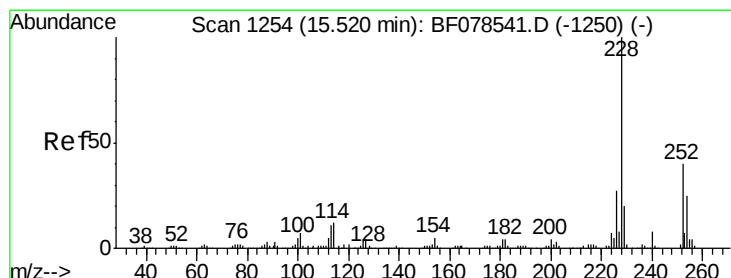
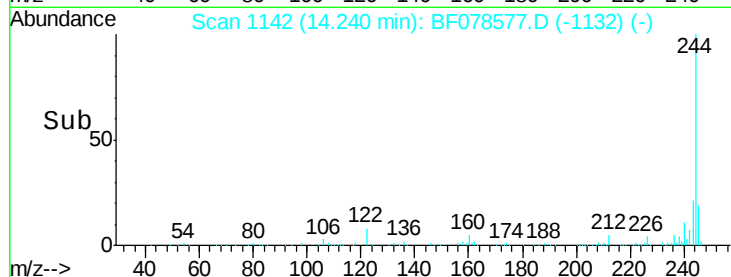
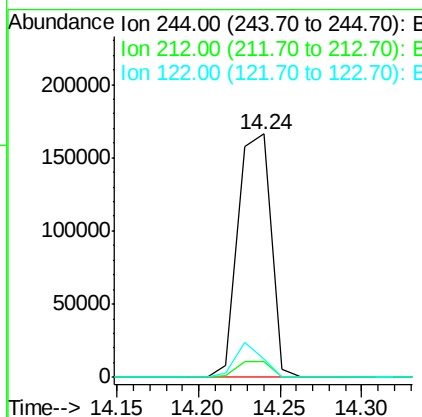
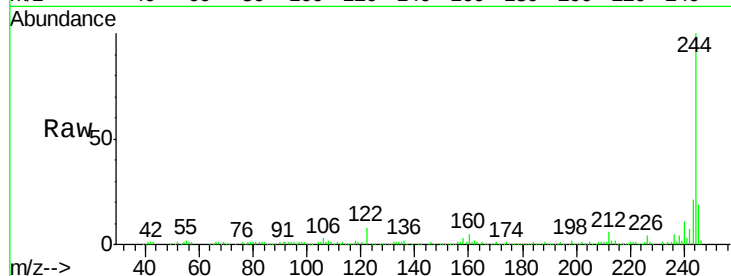




#78
 Terphenyl-d14
 Concen: 48.88 ng
 RT: 14.24 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

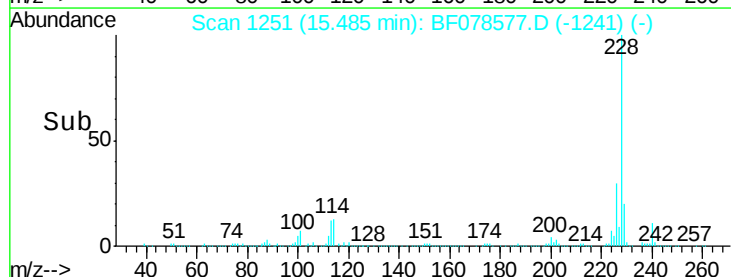
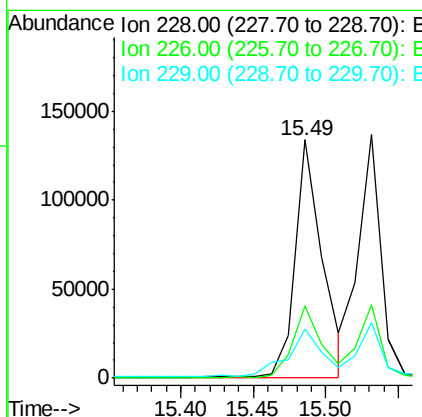
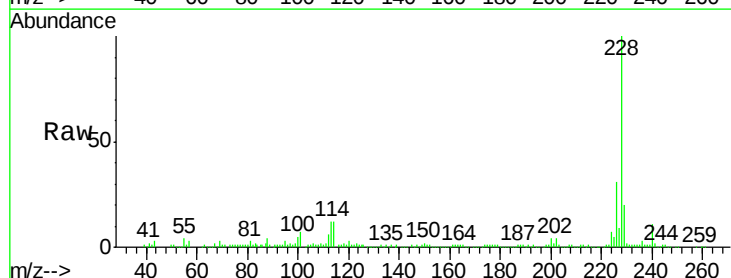
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB16A(6-12)

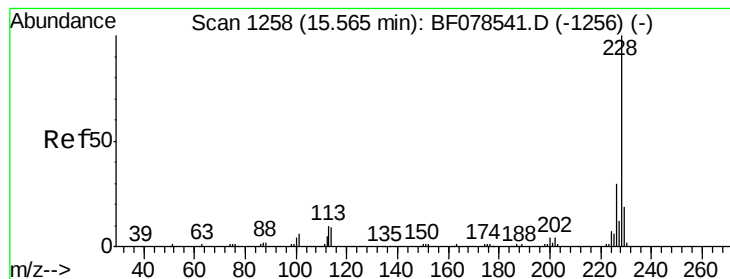
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	7.8	7.1	10.7



#80
 Benzo(a)anthracene
 Concen: 27.20 ng
 RT: 15.49 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF078577.D
 Acq: 16 Apr 2015 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.3	31.9
229	20.4	15.4	23.2





#82

Chrysene

Concen: 24.31 ng

RT: 15.53 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

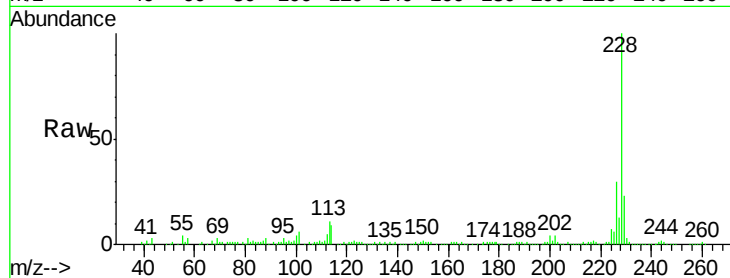
Tgt Ion:228 Resp: 145520

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

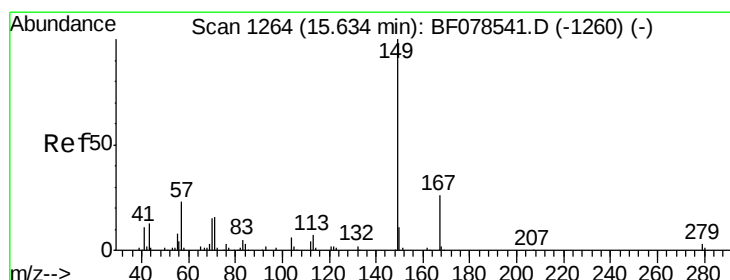
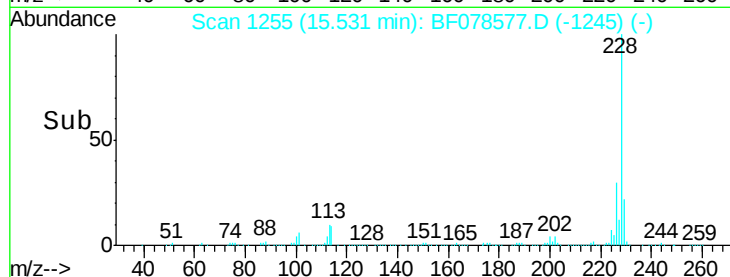
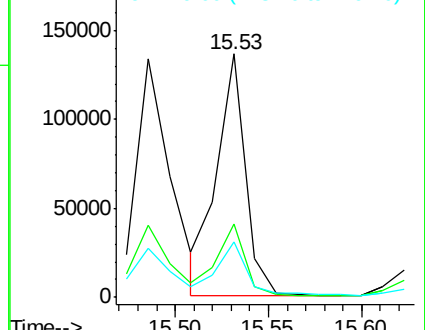
229 22.8 15.8 23.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 127.66 ng

RT: 15.60 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

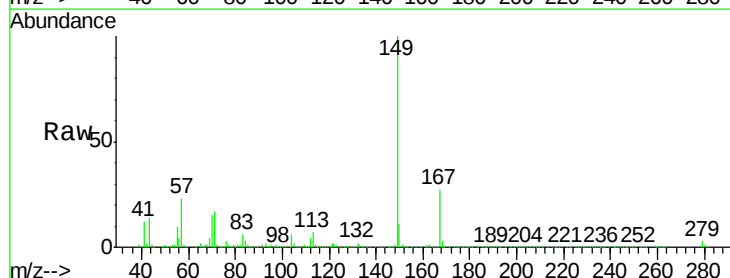
Tgt Ion:149 Resp: 512956

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

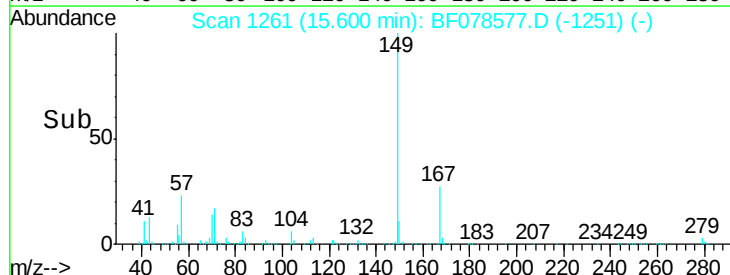
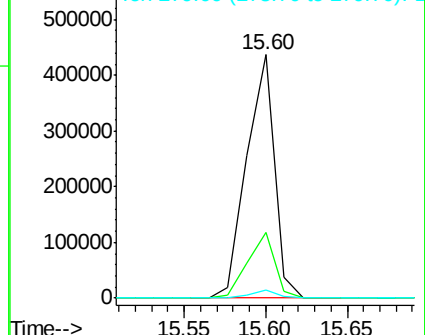
279 3.5 3.2 4.8

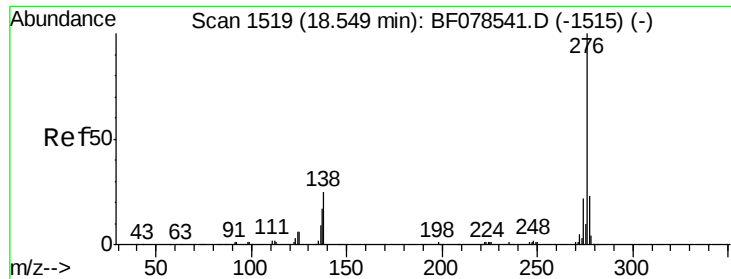


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.06 ng

RT: 18.32 min Scan# 1499

Delta R.T. -0.06 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

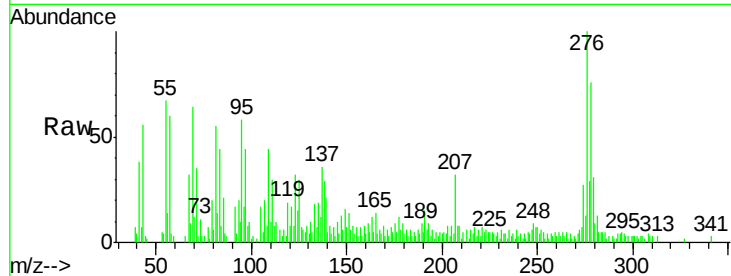
Tgt Ion:276 Resp: 27546

Ion Ratio Lower Upper

276 100

138 23.1 16.9 25.3

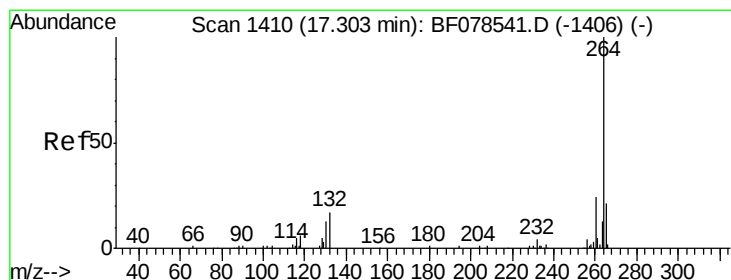
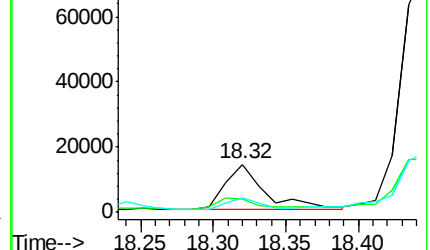
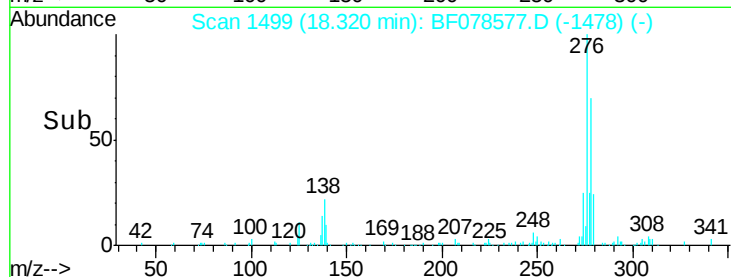
277 21.8 15.8 23.6



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: 17.22 min Scan# 1403

Delta R.T. 0.03 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

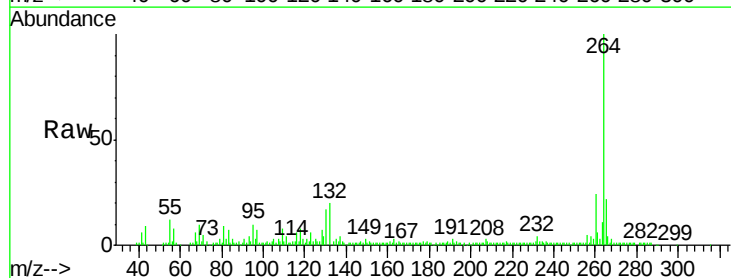
Tgt Ion:264 Resp: 116847

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

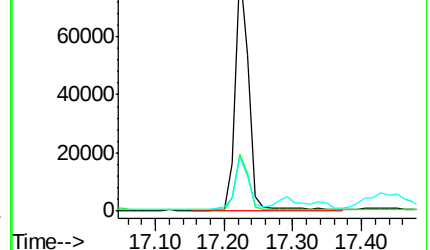
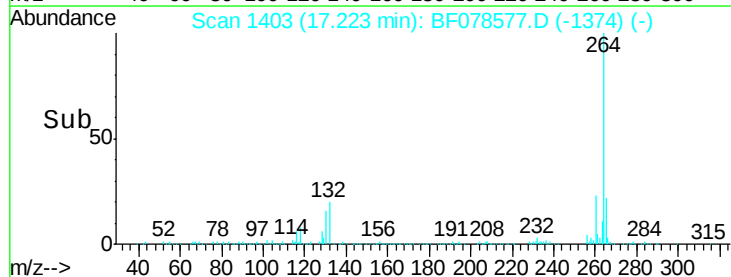
265 22.5 17.0 25.6

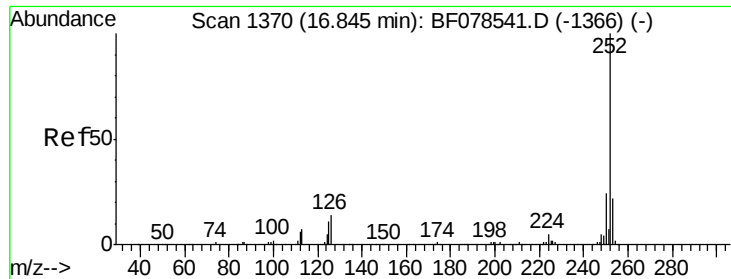


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.42 ng

RT: 16.79 min Scan# 1365

Delta R.T. 0.03 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

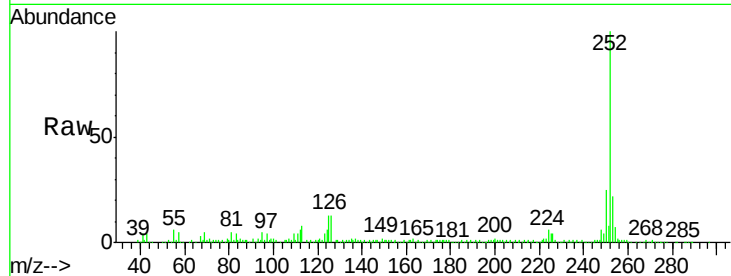
Tgt Ion:252 Resp: 313583

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

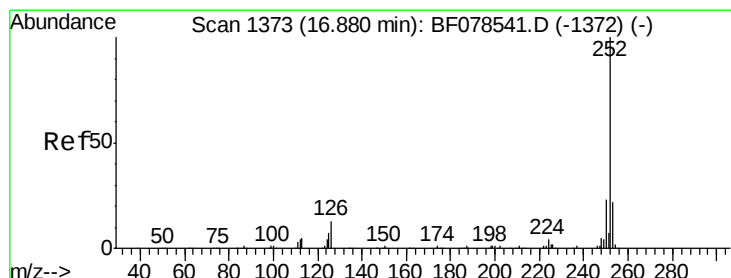
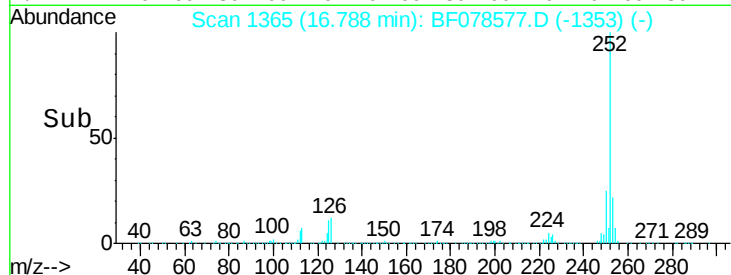
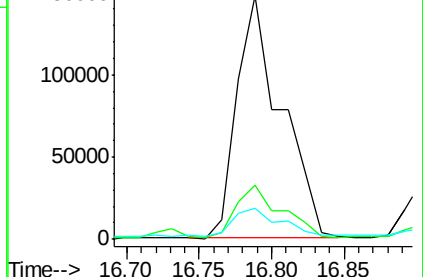
125 12.6 7.0 10.4#



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



#88

Benzo(k)fluoranthene

Concen: 49.03 ng

RT: 16.79 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

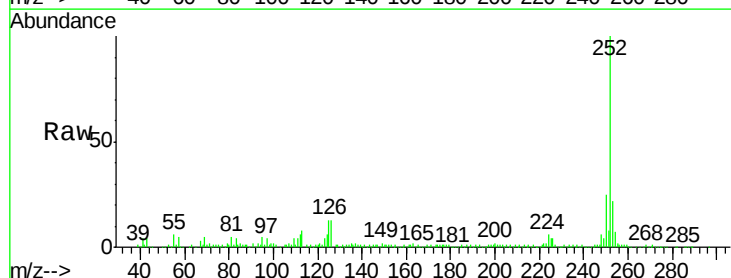
Tgt Ion:252 Resp: 314663

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

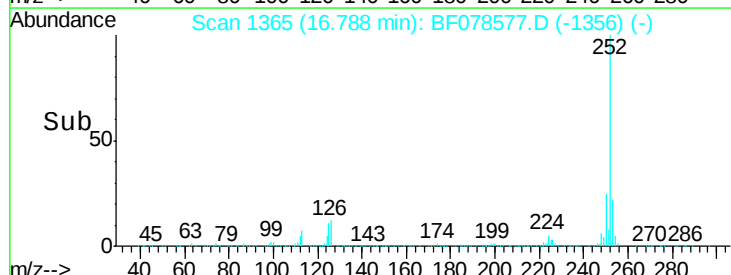
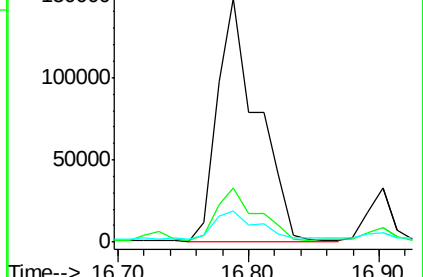
125 12.6 11.6 17.4

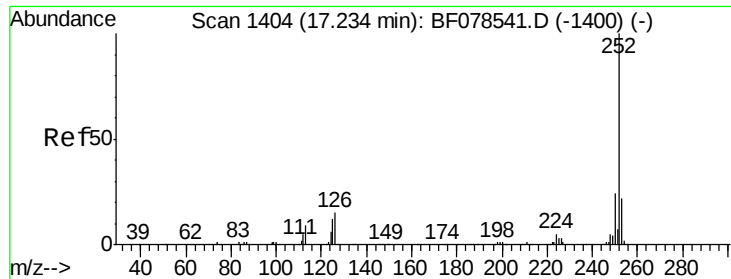


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 27.77 ng

RT: 17.17 min Scan# 1398

Delta R.T. 0.03 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

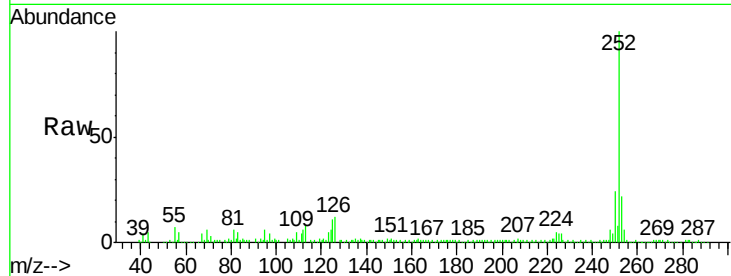
Tgt Ion:252 Resp: 175047

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

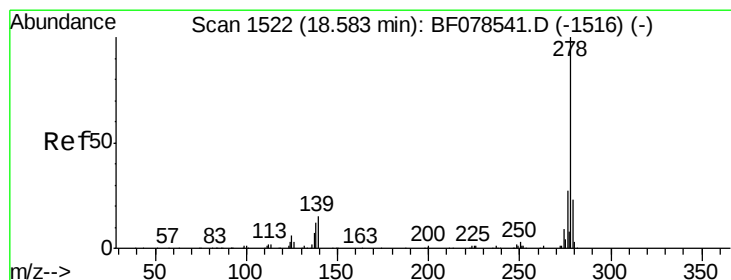
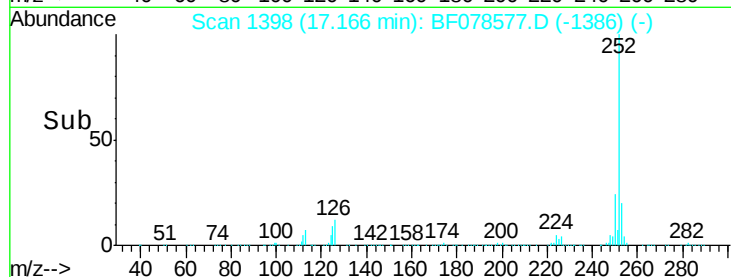
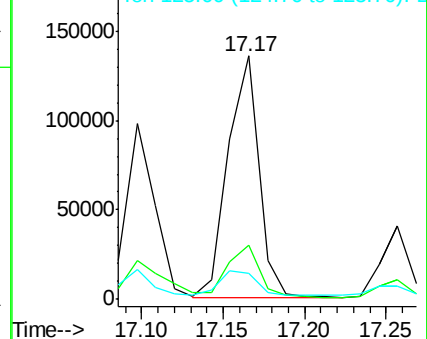
125 10.6 7.4 11.0



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: 5.41 ng

RT: 18.46 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

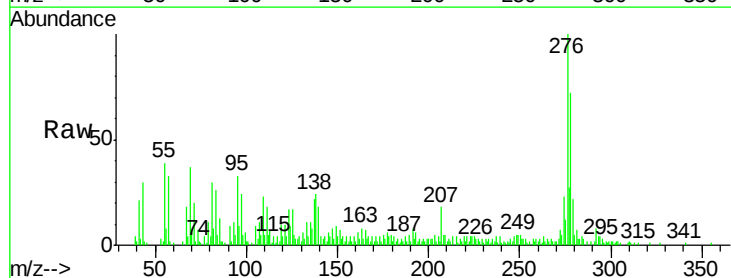
Tgt Ion:278 Resp: 34160

Ion Ratio Lower Upper

278 100

139 24.6 13.6 20.4#

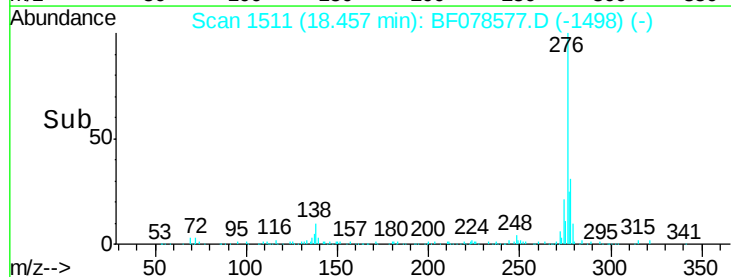
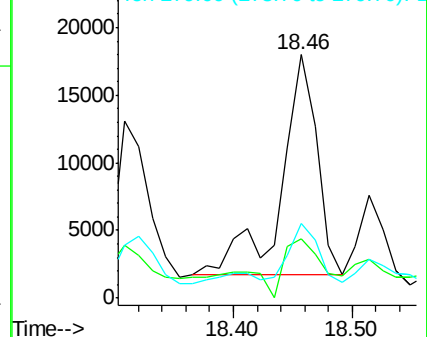
279 30.6 19.0 28.6#

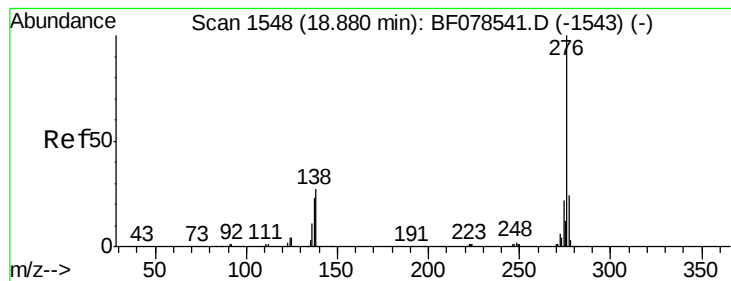


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 18.63 ng

RT: 18.77 min Scan# 1538

Delta R.T. 0.06 min

Lab File: BF078577.D

Acq: 16 Apr 2015 20:46

Instrument :

BNA_F

ClientSampleId :

LS-SB16A(6-12)

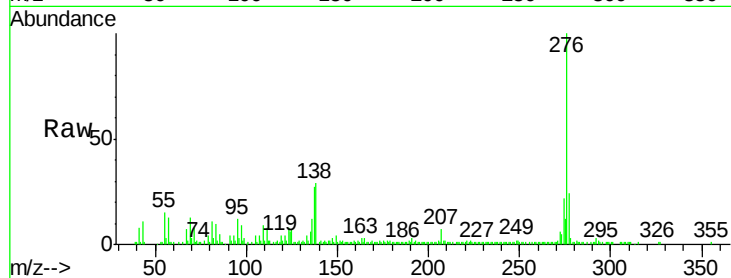
Tgt Ion:276 Resp: 117832

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 28.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

