

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078277.D
 Acq On : 7 Apr 2015 2:14
 Operator : TP/IZ
 Sample : G1745-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

Quant Time: Apr 07 03:48:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

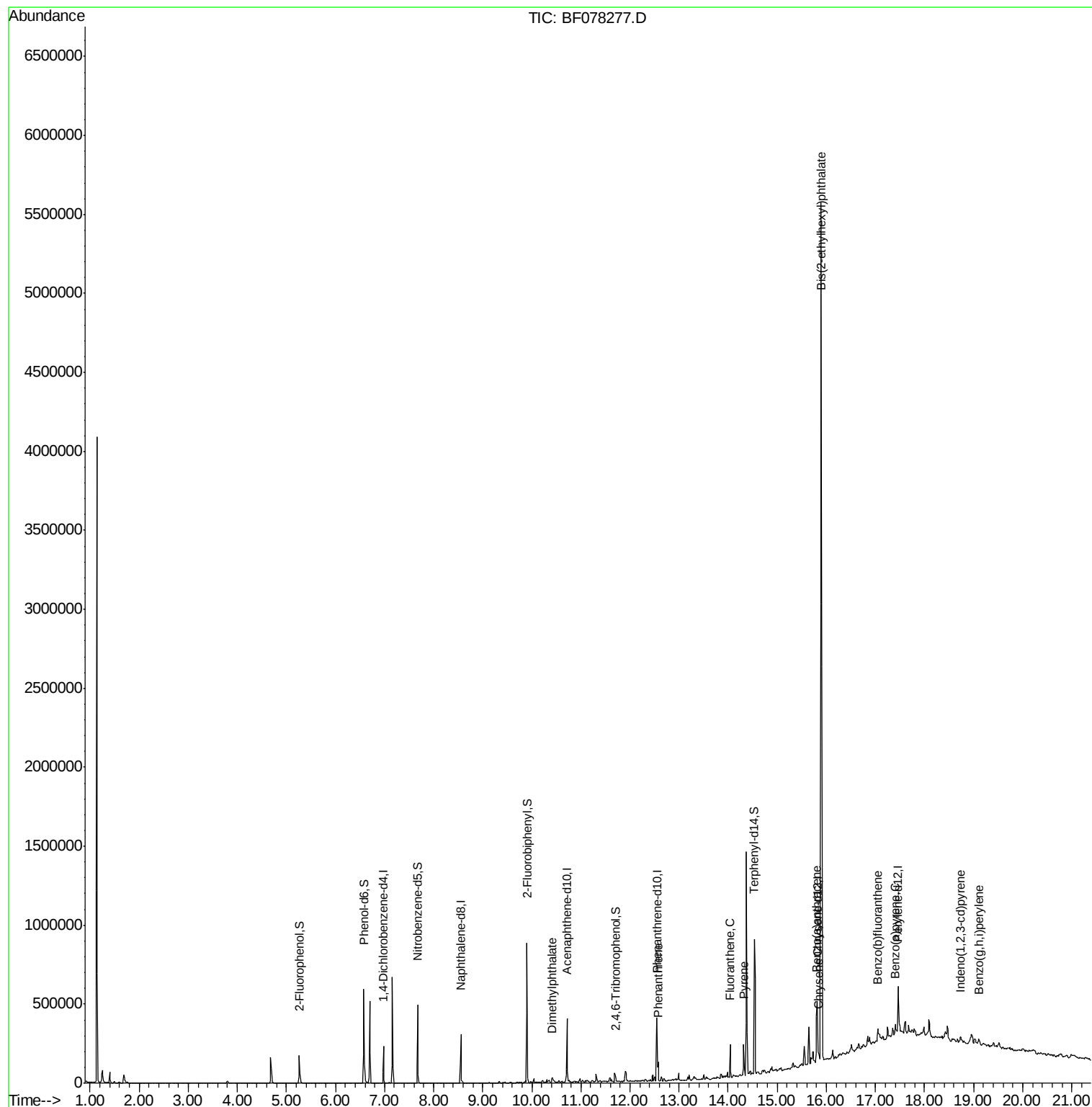
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	39404	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	158792	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	81015	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	154655	20.00	ng	0.00
75) Chrysene-d12	15.81	240	165955	20.00	ng	0.00
86) Perylene-d12	17.46	264	164840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	65526	27.42	ng	0.01
7) Phenol-d6	6.58	99	250922	83.78	ng	0.00
23) Nitrobenzene-d5	7.68	82	159866	61.02	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	6923	10.30	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	335497	59.19	ng	0.00
78) Terphenyl-d14	14.53	244	374498	50.99	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.42	163	15768	2.59	ng	# 99
70) Phenanthrene	12.58	178	63681	7.12	ng	100
74) Fluoranthene	14.04	202	90881	9.63	ng	93
77) Pyrene	14.32	202	81782	7.85	ng	96
80) Benzo(a)anthracene	15.80	228	44993	4.56	ng	96
82) Chrysene	15.85	228	32767m	3.53	ng	
83) Bis(2-ethylhexyl)phthalate	15.89	149	2441853	392.10	ng	99
85) Indeno(1,2,3-cd)pyrene	18.74	276	22559	2.14	ng	# 87
87) Benzo(b)fluoranthene	17.05	252	52284m	5.13	ng	
89) Benzo(a)pyrene	17.40	252	33153	3.73	ng	# 81
91) Benzo(g,h,i)perylene	19.11	276	25235	2.83	ng	# 87

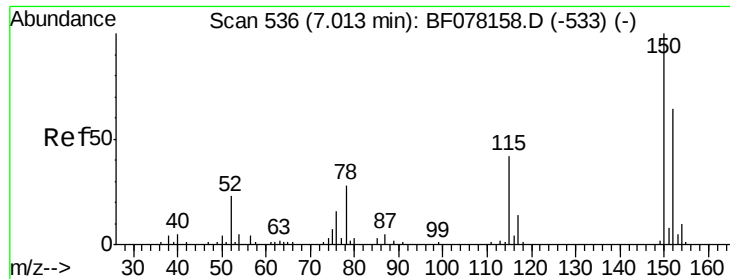
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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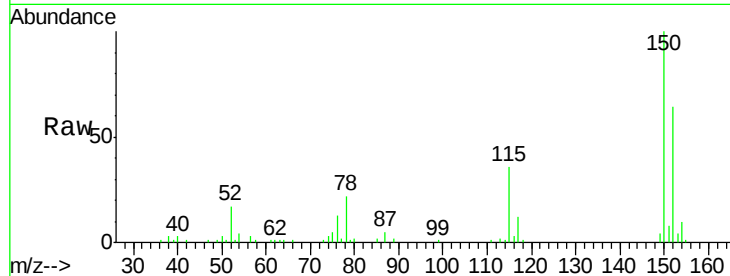


#1

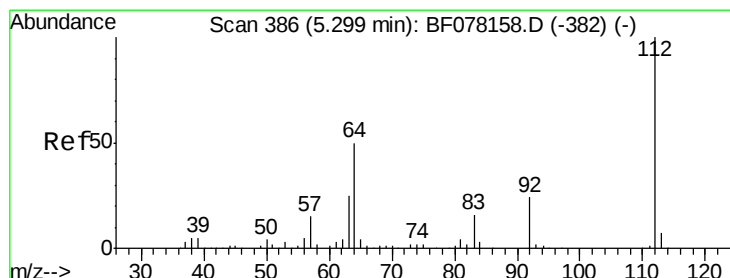
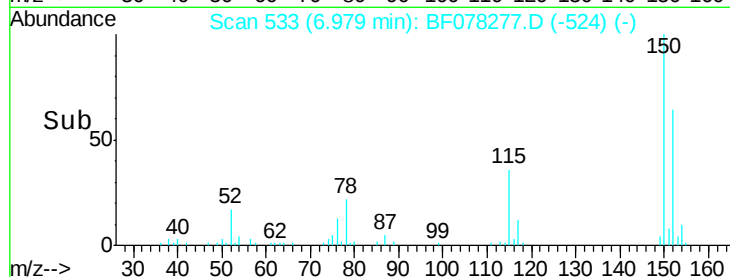
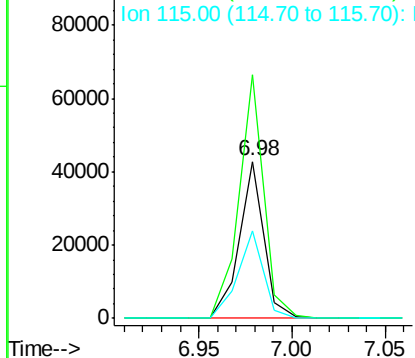
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Instrument :
BNA_F
ClientSampleId :
SB-1S

Tot Ion:152 Resp: 39404
Ion Ratio Lower Upper
152 100
150 155.2 125.9 188.9
115 56.1 52.7 79.1



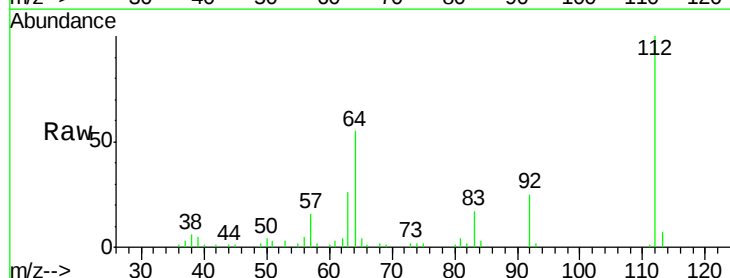
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



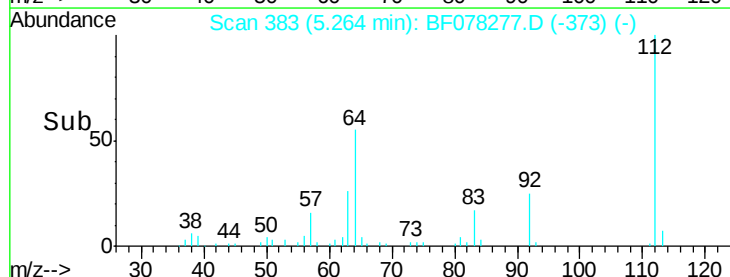
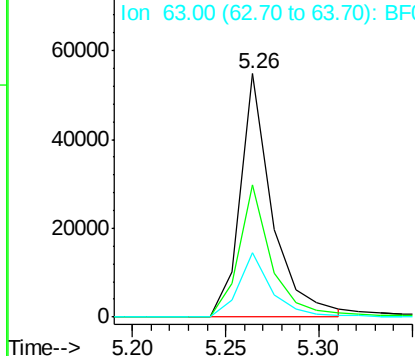
#5

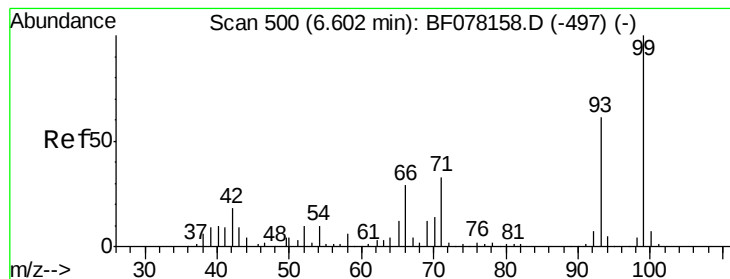
2-Fluorophenol
Concen: 27.42 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Tgt Ion:112 Resp: 65526
Ion Ratio Lower Upper
112 100
64 54.5 39.9 59.9
63 26.5 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: 83.78 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

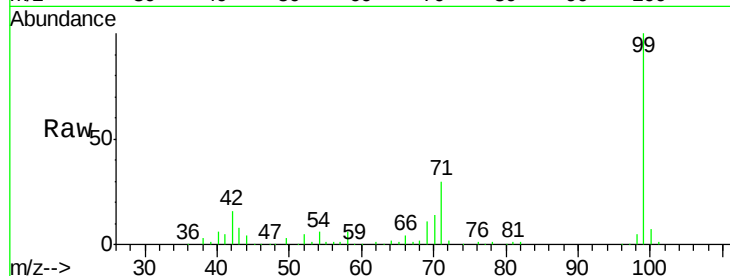
Tot Ion: 99 Resp: 250922

Ion Ratio Lower Upper

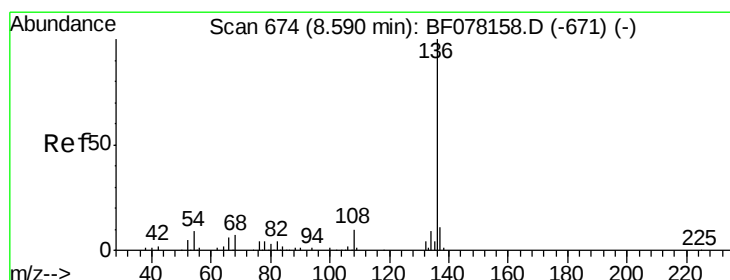
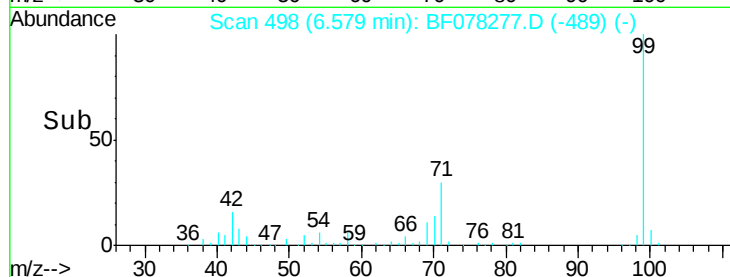
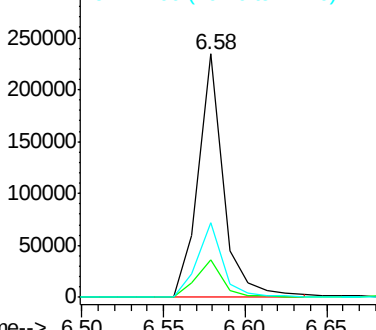
99 100

42 15.7 14.8 22.2

71 30.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Tgt Ion: 136 Resp: 158792

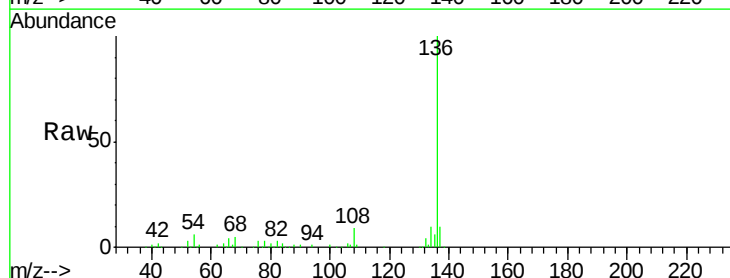
Ion Ratio Lower Upper

136 100

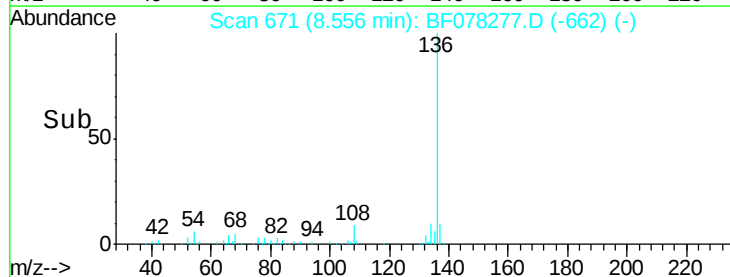
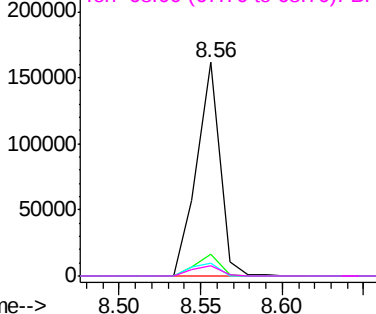
137 10.3 9.0 13.4

54 5.9 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

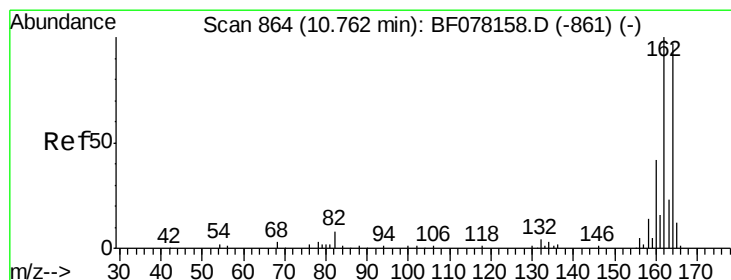
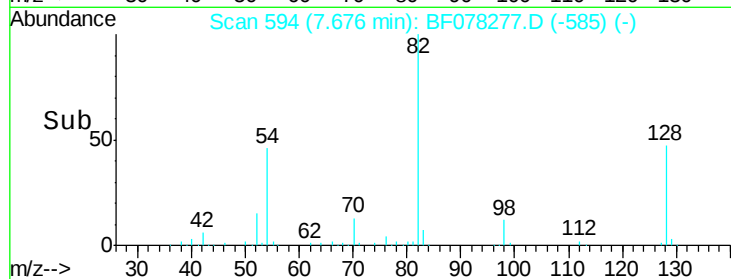
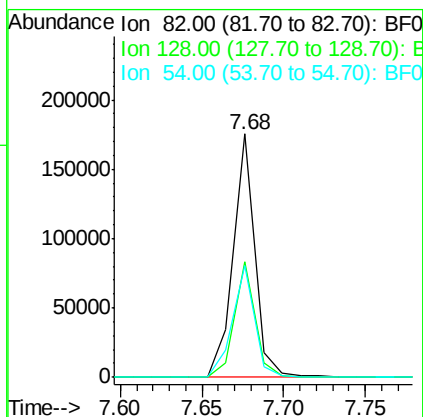
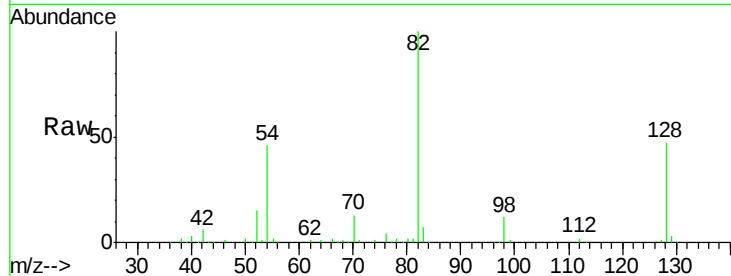




#23
 Nitrobenzene-d5
 Concen: 61.02 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

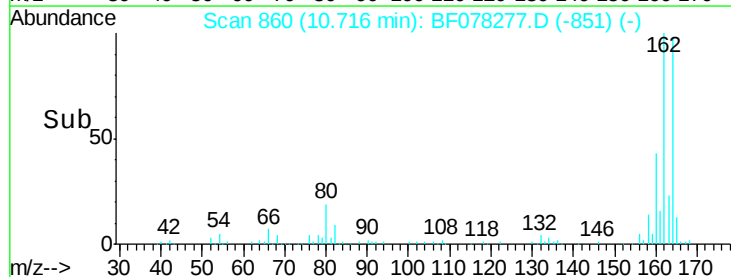
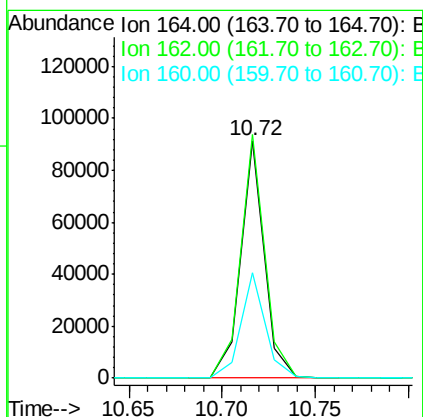
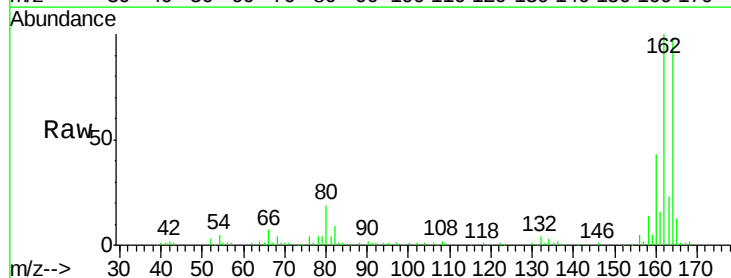
Instrument :
 BNA_F
 ClientSampleID :
 SB-1S

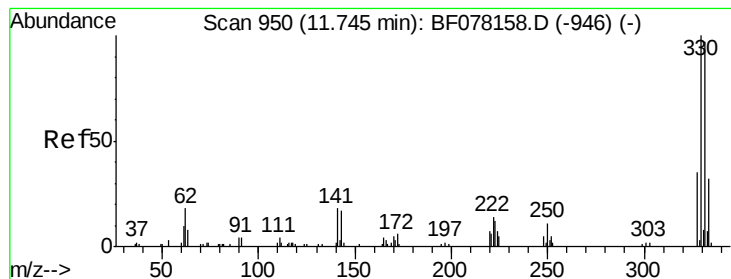
Tot Ion	82	Resp	159866
Ion Ratio	100	Lower	Upper
128	47.4	31.8	47.8
54	46.1	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Tgt Ion	164	Resp	81015
Ion Ratio	100	Lower	Upper
162	102.4	82.2	123.2
160	44.1	34.7	52.1

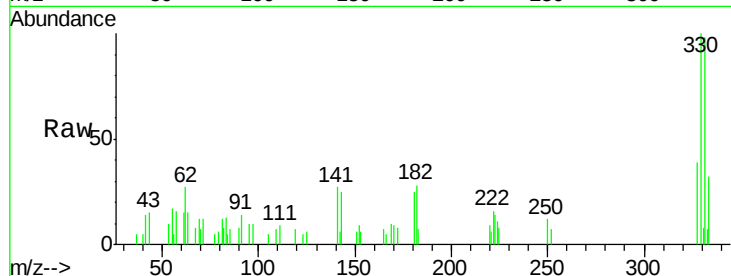




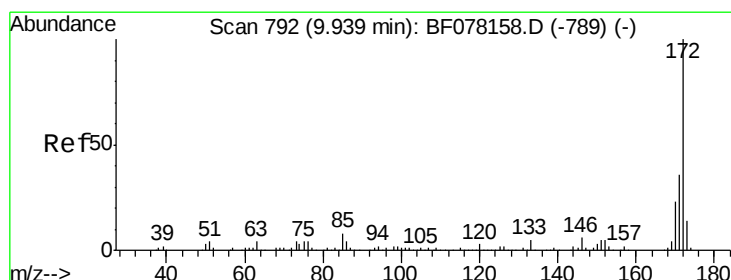
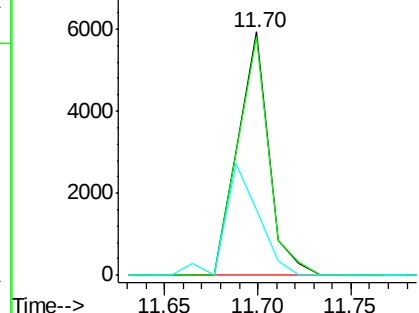
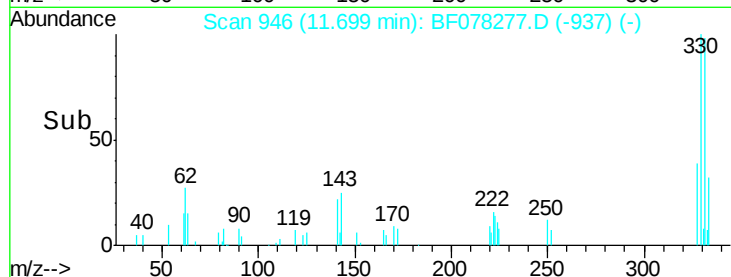
#41
 2,4,6-Tribromophenol
 Concen: 10.30 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.6	117.8
141	49.5	31.2	46.8#

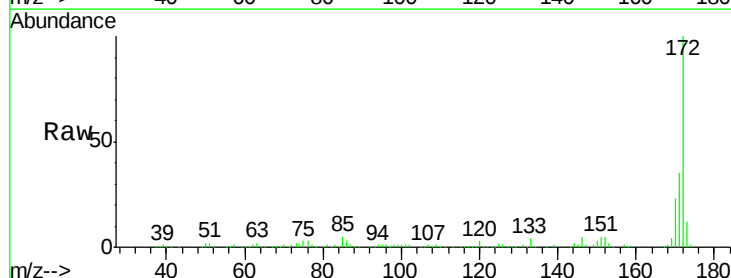


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

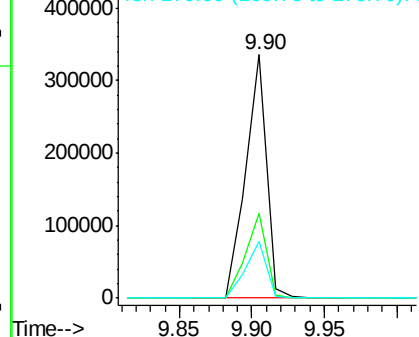
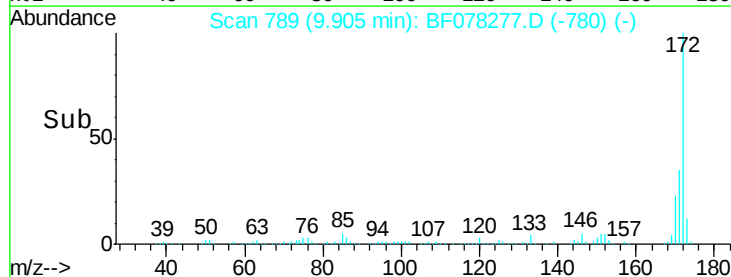


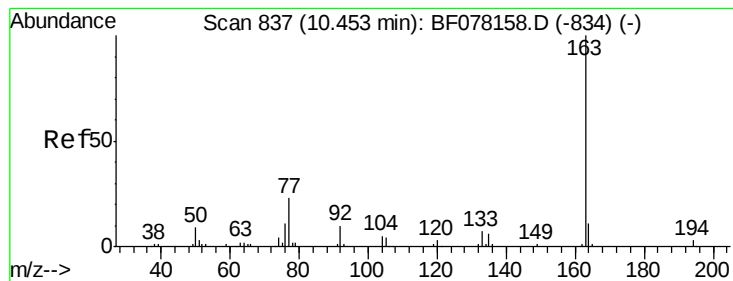
#44
 2-Fluorobiphenyl
 Concen: 59.19 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.1	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





#49

Dimethylphthalate

Concen: 2.59 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

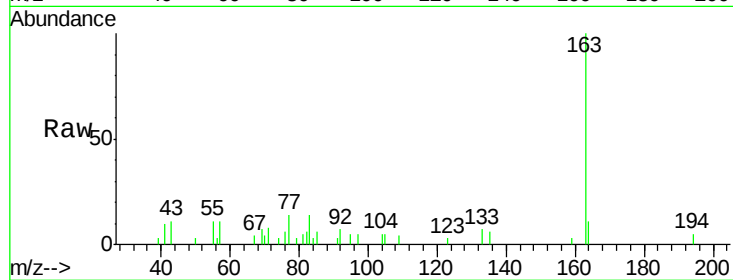
Tot Ion:163 Resp: 15768

Ion Ratio Lower Upper

163 100

194 4.7 2.3 3.5#

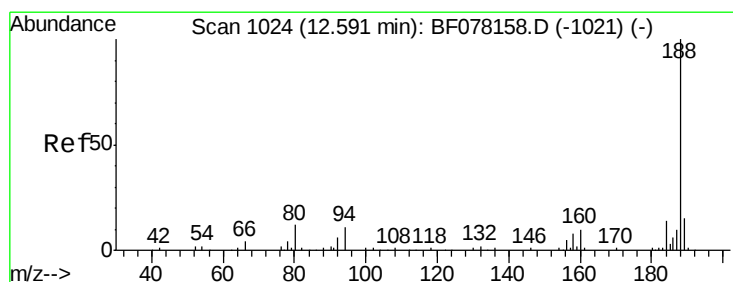
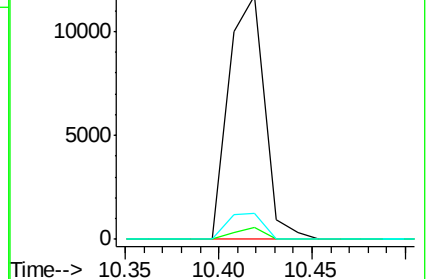
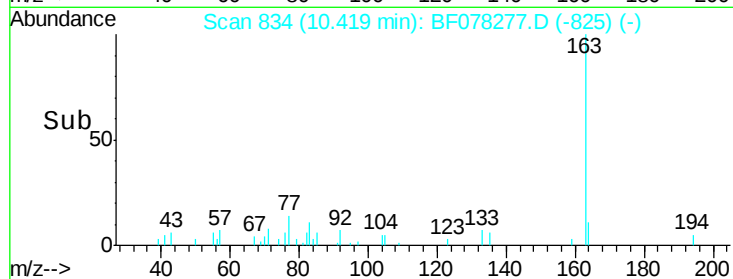
164 10.9 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

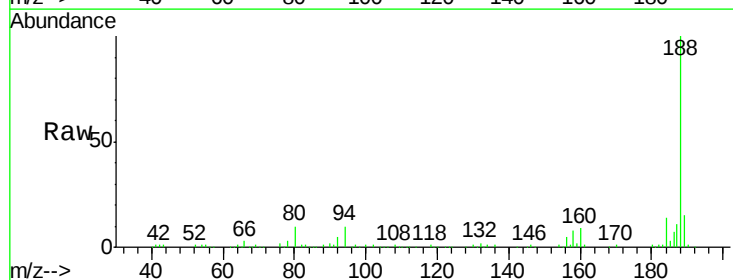
Tgt Ion:188 Resp: 154655

Ion Ratio Lower Upper

188 100

94 9.8 9.0 13.4

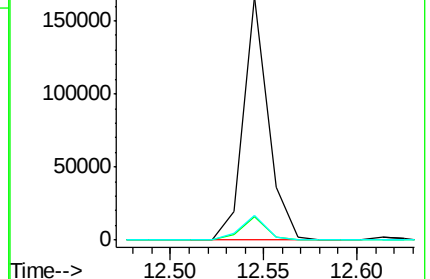
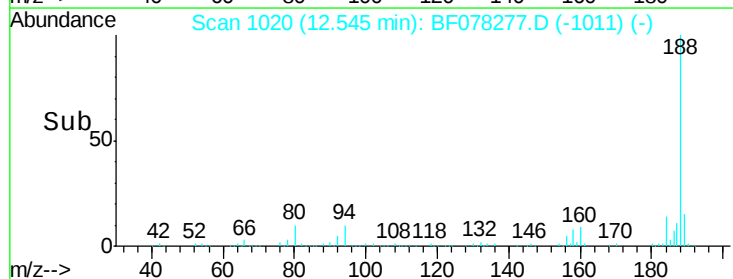
80 10.4 9.5 14.3

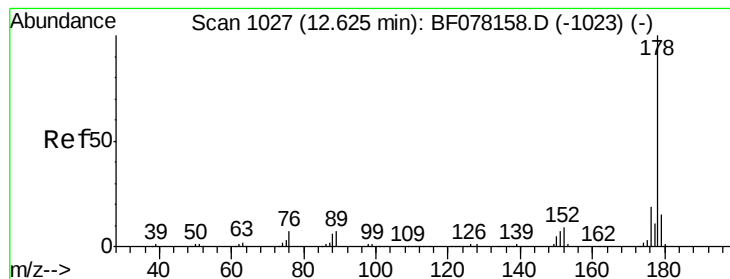


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 7.12 ng

RT: 12.58 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

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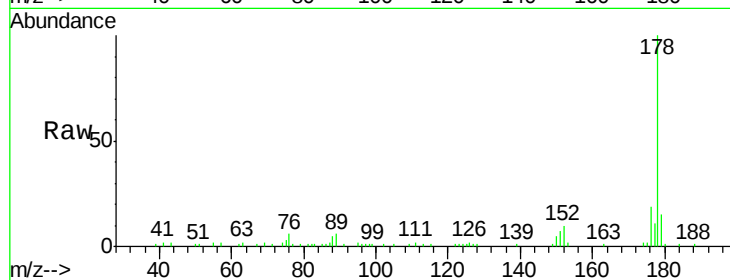
Tot Ion:178 Resp: 63681

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

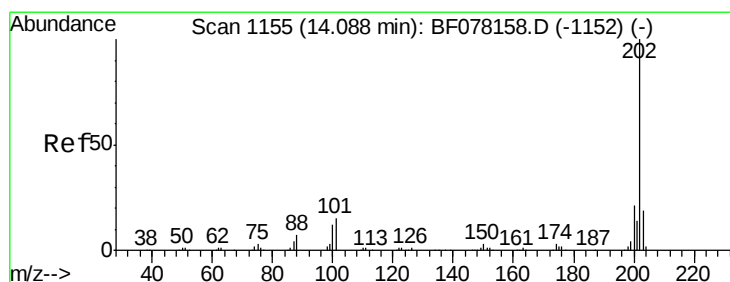
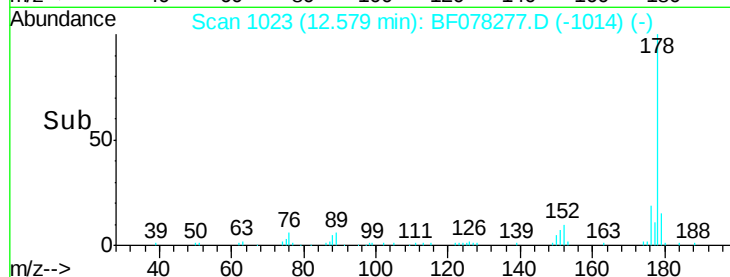
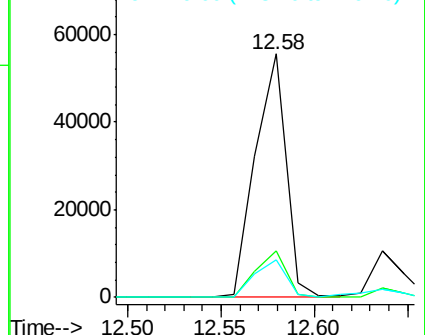
179 15.2 12.2 18.2



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



#74

Fluoranthene

Concen: 9.63 ng

RT: 14.04 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

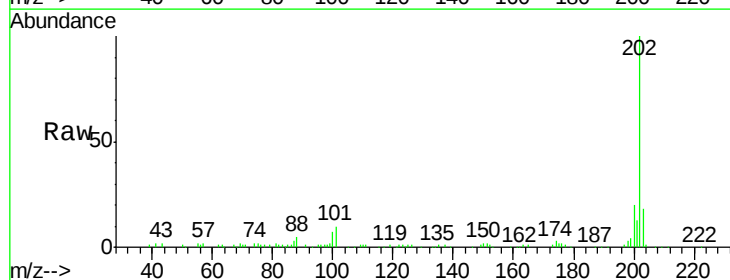
Tgt Ion:202 Resp: 90881

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.2

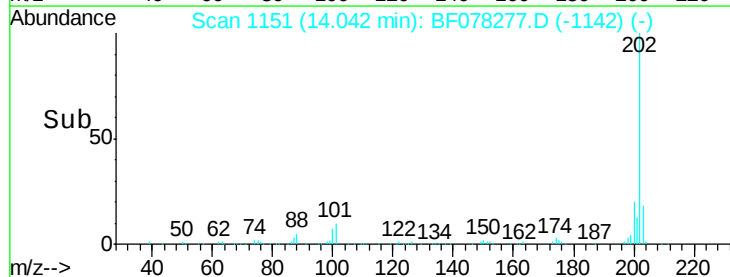
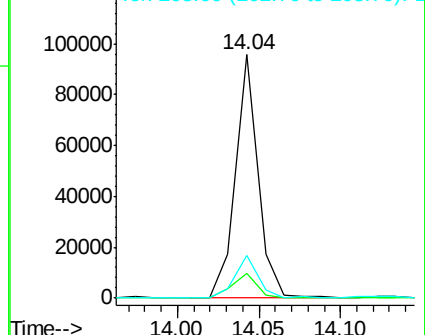
203 17.5 0.0 38.5

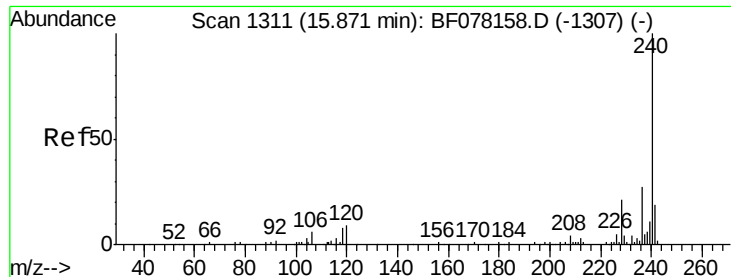


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.81 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

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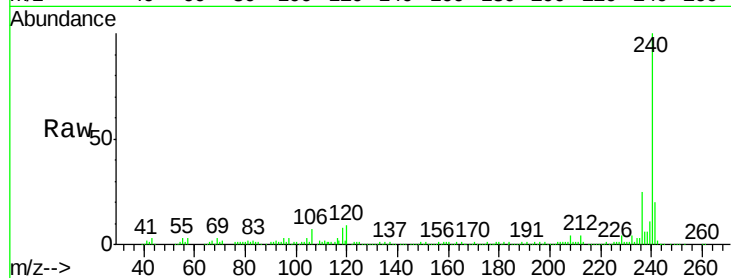
Tot Ion:240 Resp: 165955

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

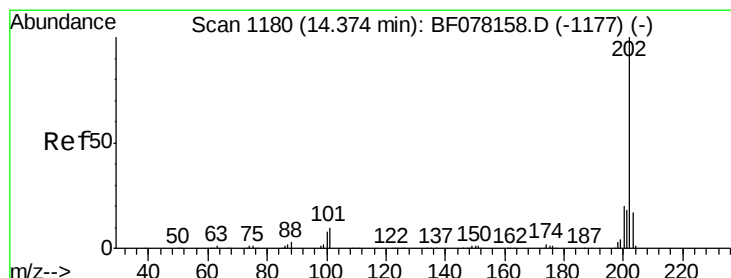
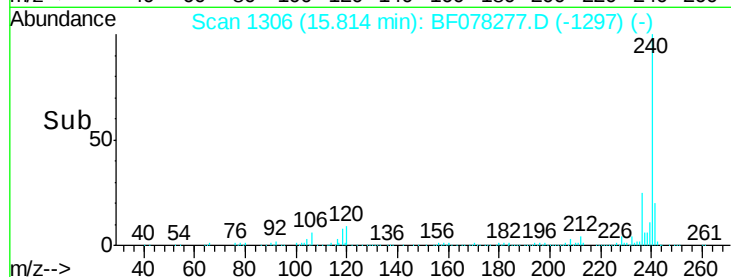
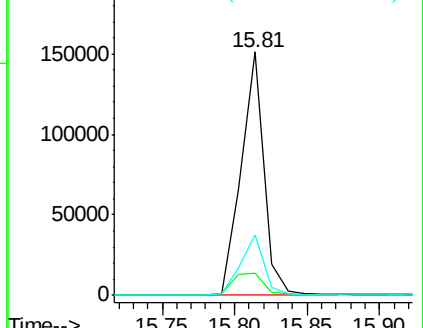
236 24.8 21.4 32.2



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: 7.85 ng

RT: 14.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

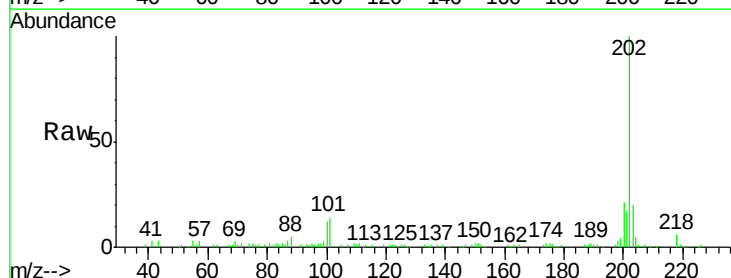
Tgt Ion:202 Resp: 81782

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

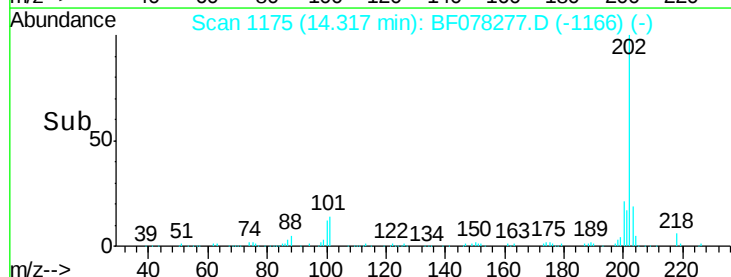
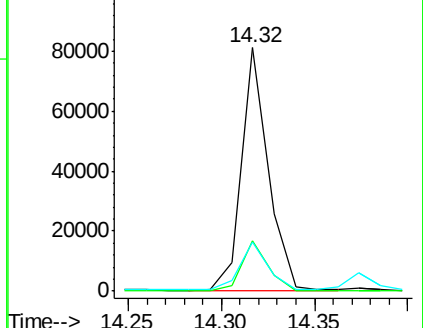
203 20.2 13.8 20.6

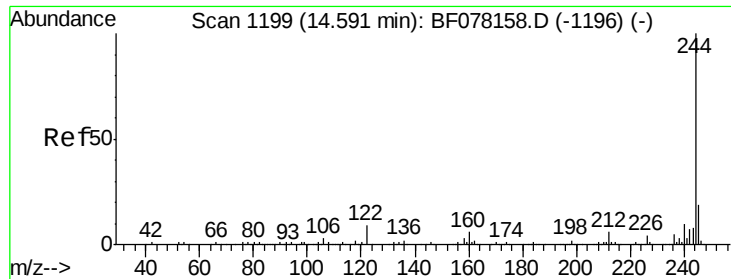


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.99 ng

RT: 14.53 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

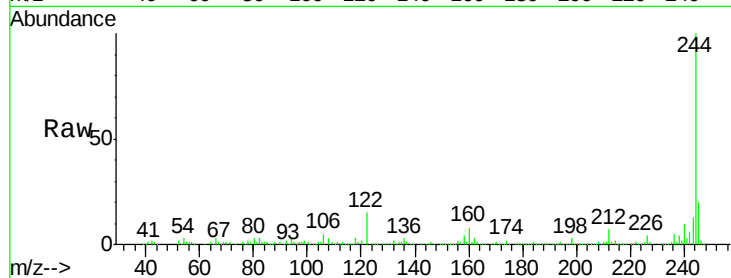
Tot Ion:244 Resp: 374498

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

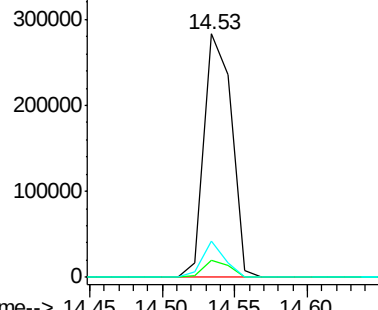
122 14.9 7.1 10.7#



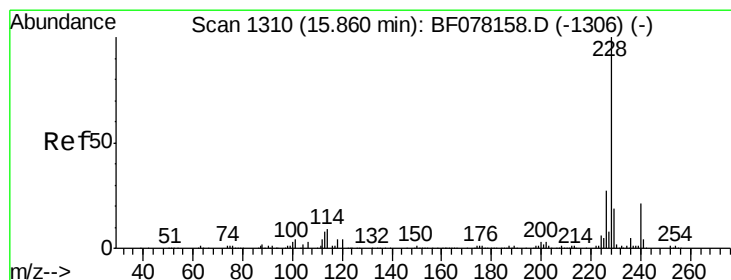
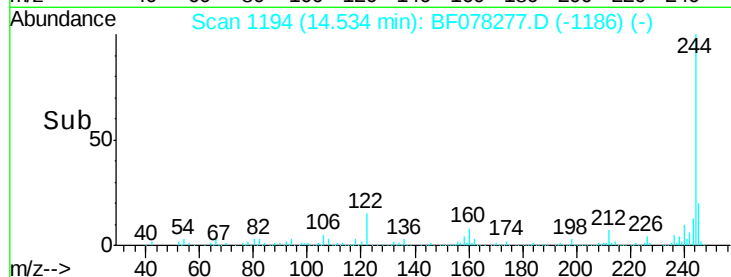
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 14.45 14.50 14.55 14.60



#80

Benzo(a)anthracene

Concen: 4.56 ng

RT: 15.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

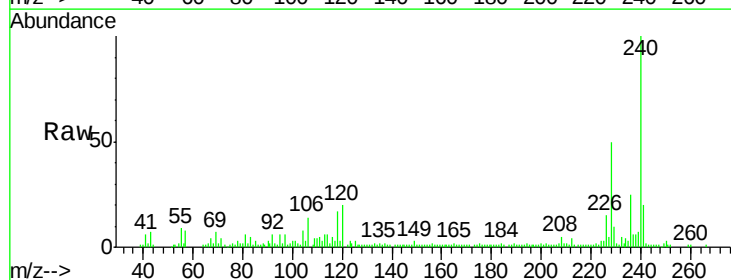
Tgt Ion:228 Resp: 44993

Ion Ratio Lower Upper

228 100

226 29.2 21.3 31.9

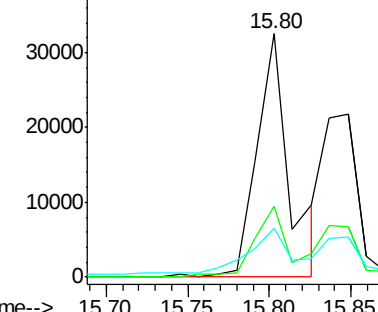
229 20.3 15.4 23.2



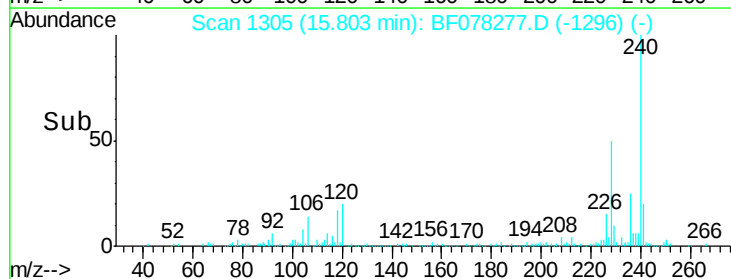
Abundance Ion 228.00 (227.70 to 228.70): E

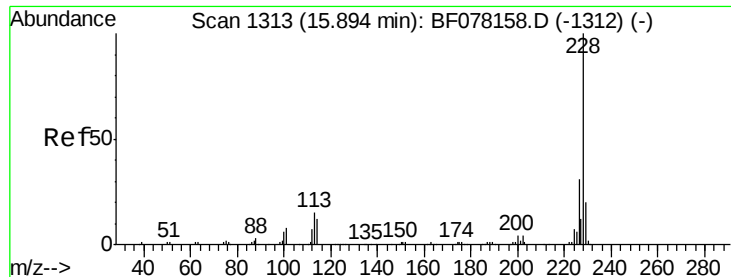
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 15.70 15.75 15.80 15.85

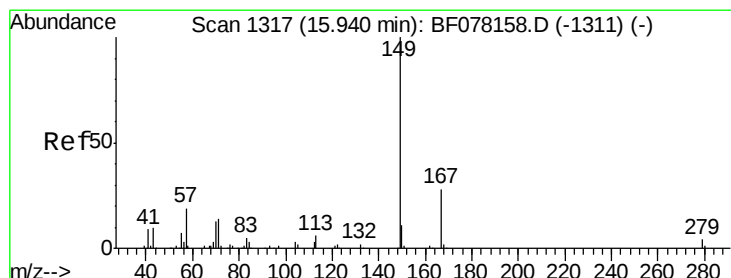
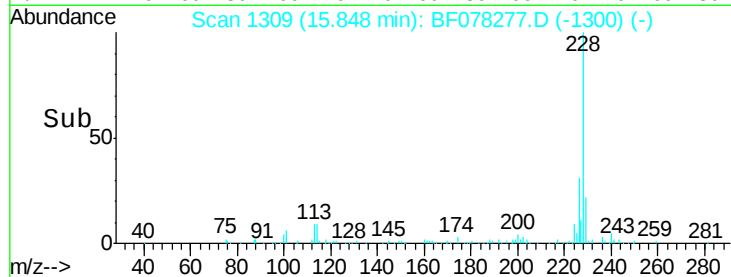
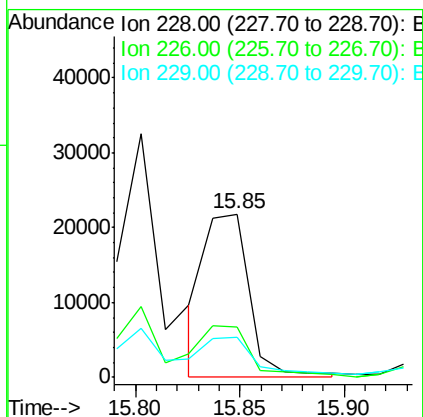
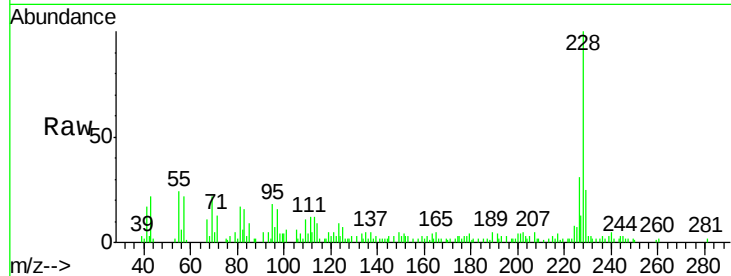




#82
Chrysene
Concen: 3.53 ng/mL
RT: 15.85 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

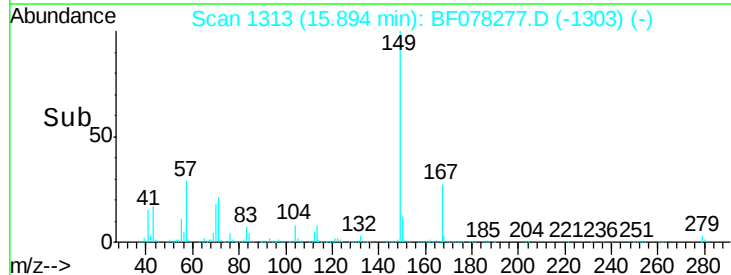
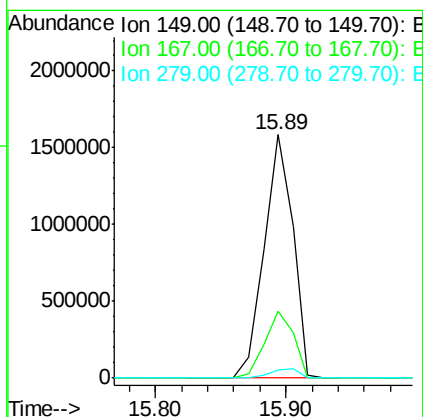
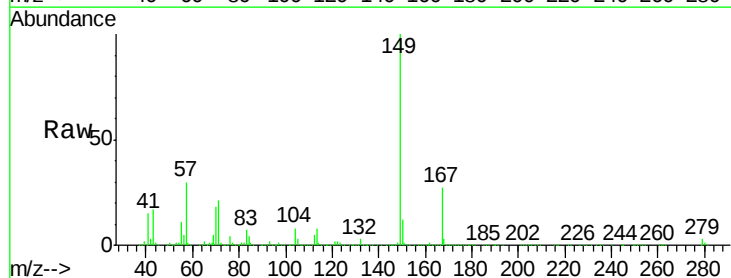
Instrument :
BNA_F
ClientSampleId :
SB-1S

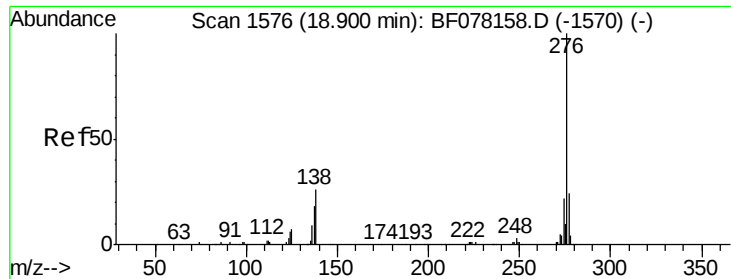
Tot Ion: 228 Resp: 32767
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 24.8 15.8 23.8#



#83
Bis(2-ethylhexyl)phthalate
Concen: 392.10 ng/mL
RT: 15.89 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Tgt Ion: 149 Resp: 2441853
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.2
279 3.3 3.2 4.8

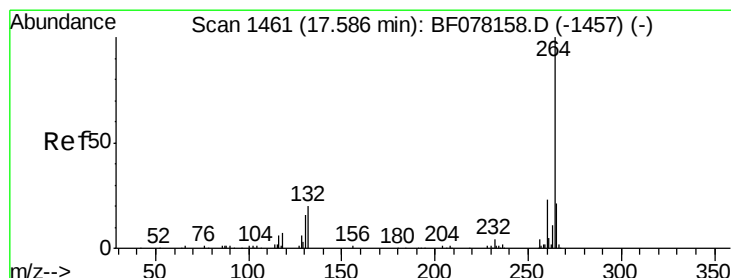
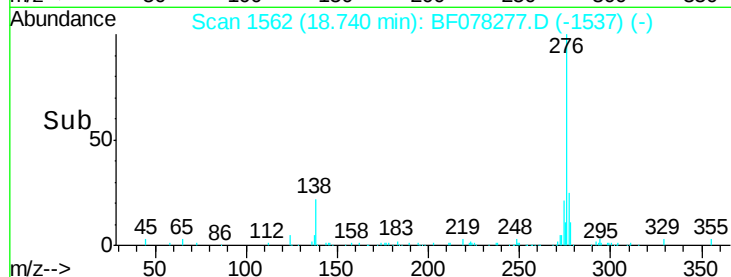
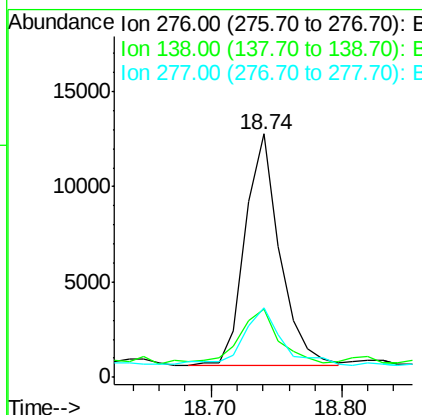
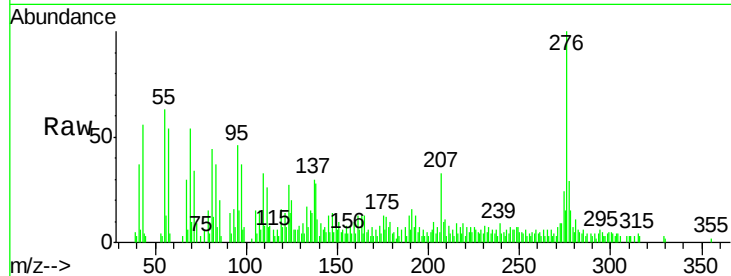




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.14 ng
 RT: 18.74 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

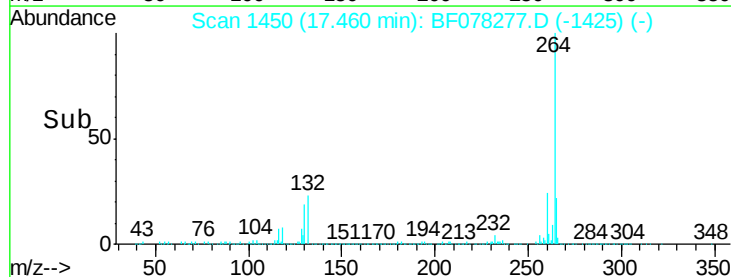
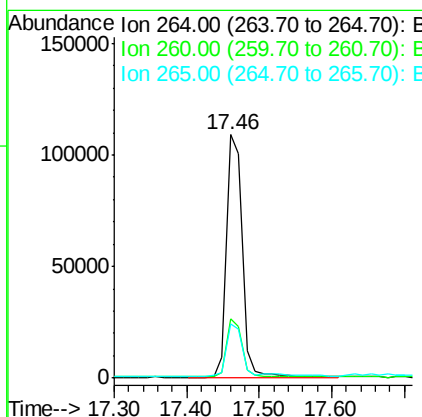
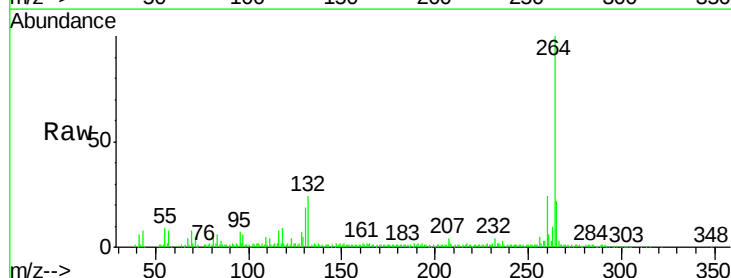
Instrument :
 BNA_F
 ClientSampleId :
 SB-1S

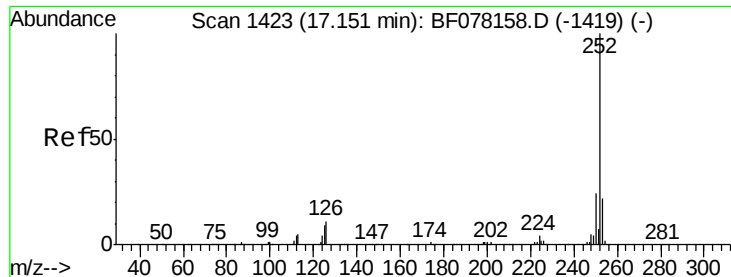
Tot Ion:276 Resp: 22559
 Ion Ratio Lower Upper
 276 100
 138 25.4 16.9 25.3#
 277 27.8 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.46 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF078277.D
 Acq: 7 Apr 2015 2:14

Tgt Ion:264 Resp: 164840
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 22.1 17.0 25.6

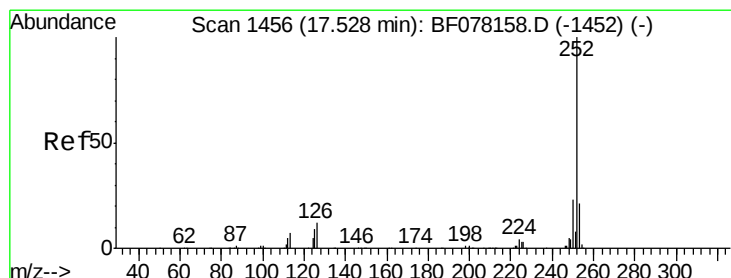
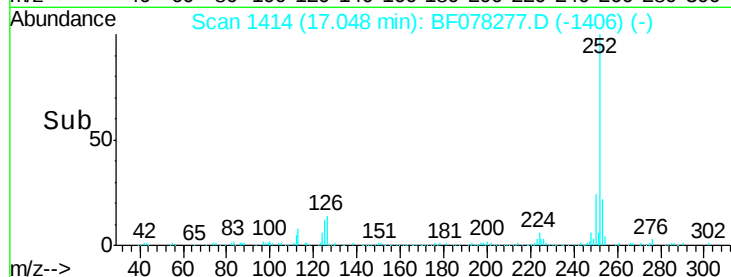
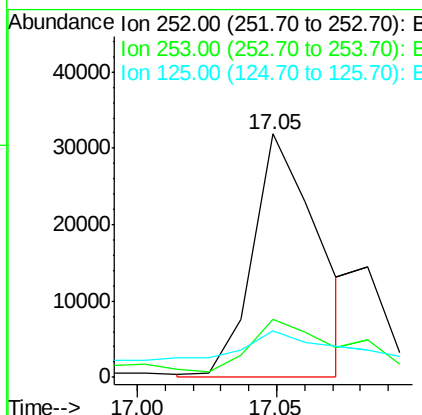
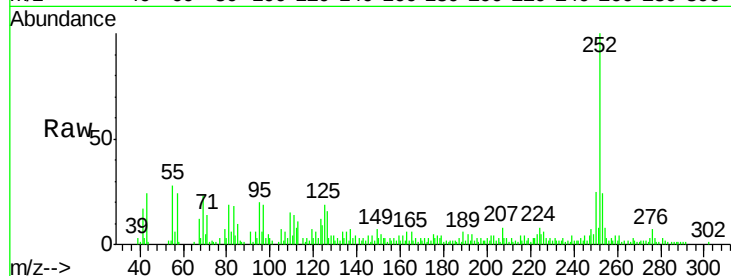




#87
Benzo(b)fluoranthene
Concen: 5.13 ng m
RT: 17.05 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

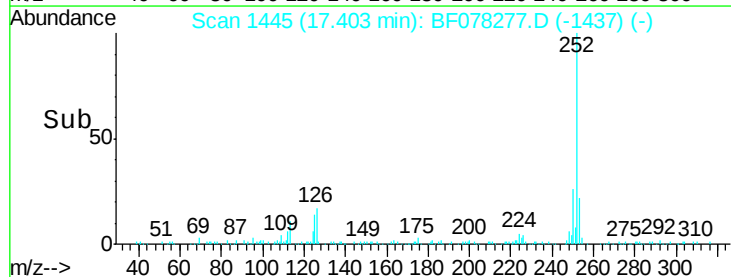
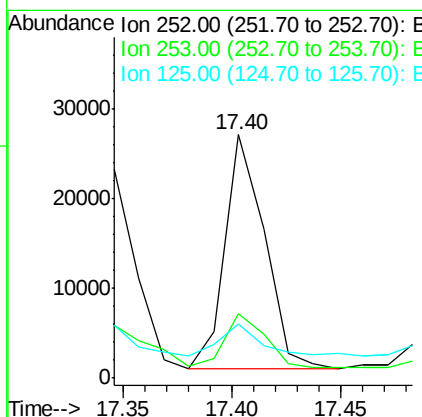
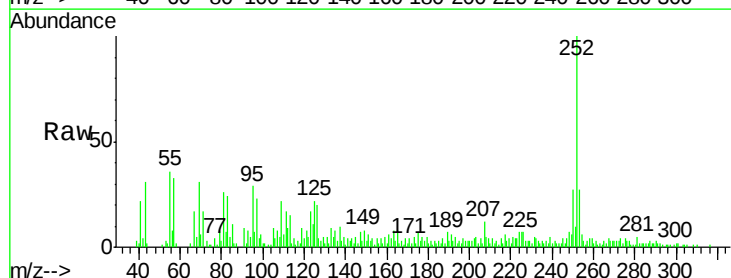
Instrument :
BNA_F
ClientSampleId :
SB-1S

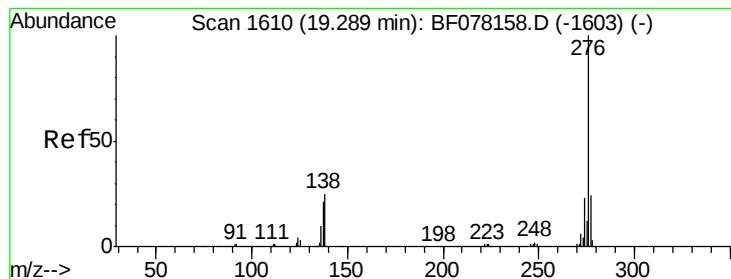
Tot Ion:252 Resp: 52284
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 18.9 7.0 10.4#



#89
Benzo(a)pyrene
Concen: 3.73 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF078277.D
Acq: 7 Apr 2015 2:14

Tgt Ion:252 Resp: 33153
Ion Ratio Lower Upper
252 100
253 26.6 16.8 25.2#
125 22.3 7.4 11.0#





#91

Benzo(a,h,i)perylene

Concen: 2.83 ng

RT: 19.11 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF078277.D

Acq: 7 Apr 2015 2:14

Instrument :

BNA_F

ClientSampleId :

SB-1S

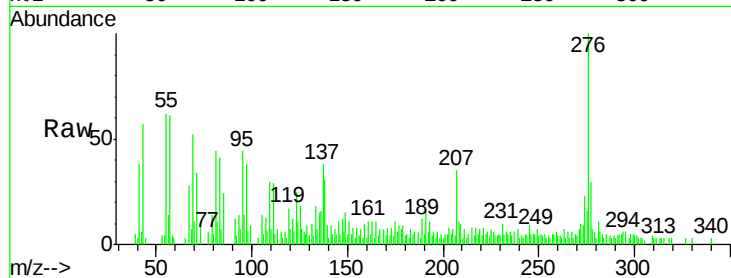
Tot Ion: 276 Resp: 25235

Ion Ratio Lower Upper

276 100

277 30.3 19.0 28.4#

138 30.9 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

