

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
 Data File : BF079146.D
 Acq On : 12 May 2015 7:36
 Operator : TP/IZ
 Sample : G2176-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-29(3-5)

Quant Time: May 12 08:19:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 06:55:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	48995	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	208918	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	110164	20.00	ng	0.00
63) Phenanthrene-d10	12.90	188	216100	20.00	ng	0.01
75) Chrysene-d12	16.19	240	215800	20.00	ng	0.00
86) Perylene-d12	17.93	264	232621	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	381104	133.89	ng	0.00
7) Phenol-d6	6.87	99	548029	145.66	ng	0.01
23) Nitrobenzene-d5	7.99	82	296743	81.63	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	164657	138.16	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	609704	77.11	ng	0.00
78) Terphenyl-d14	14.89	244	726815	80.63	ng	0.00

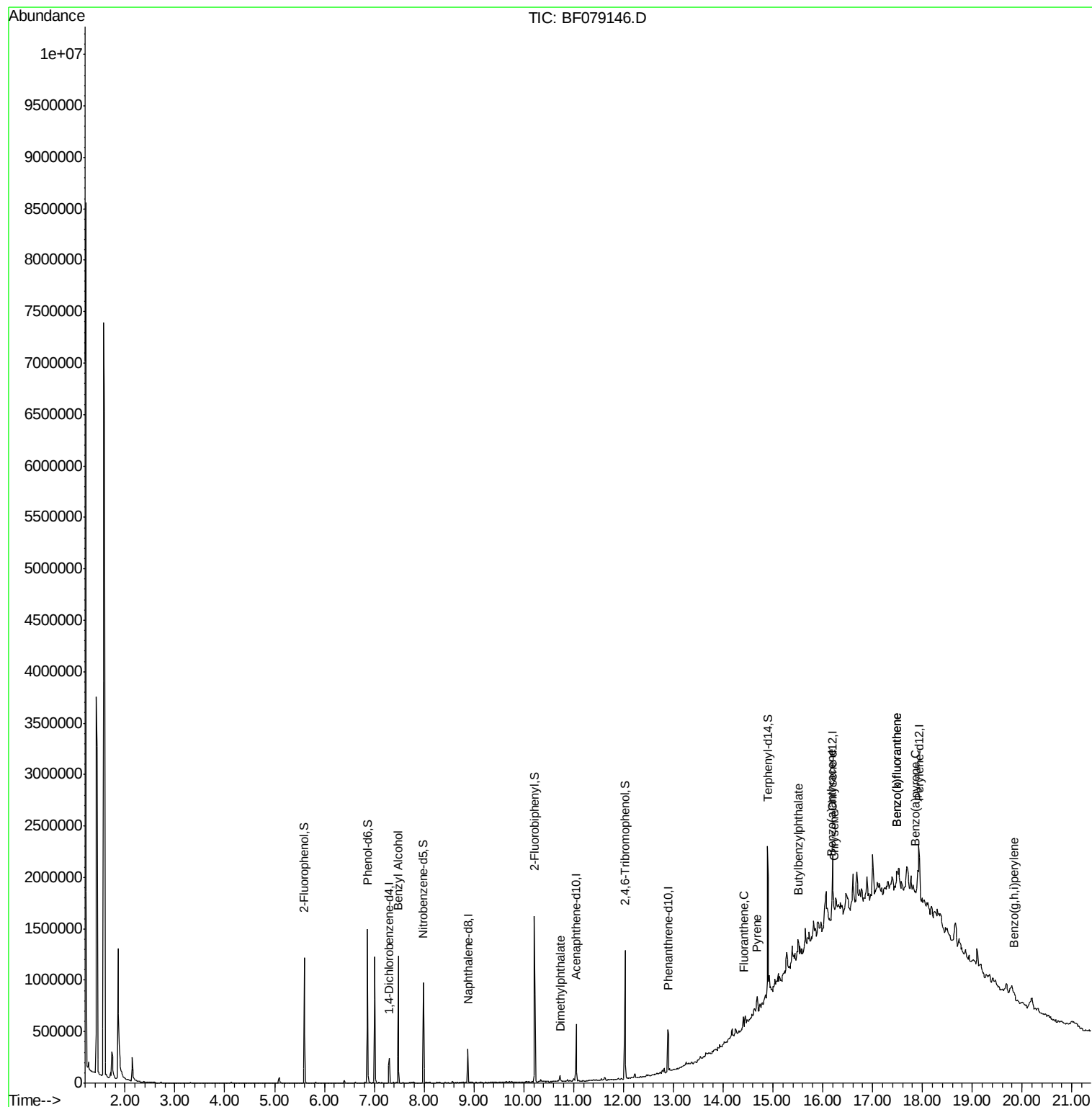
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.48	79	6003	2.15	ng	# 47
49) Dimethylphthalate	10.73	163	31905	3.95	ng	# 98
74) Fluoranthene	14.41	202	65592	5.21	ng	93
77) Pyrene	14.69	202	63769	5.13	ng	96
79) Butylbenzylphthalate	15.51	149	53561	9.85	ng	95
80) Benzo(a)anthracene	16.18	228	38545	3.26	ng	# 91
82) Chrysene	16.23	228	25067	2.21	ng	# 91
87) Benzo(b)fluoranthene	17.49	252	66328	5.21	ng	# 24
88) Benzo(k)fluoranthene	17.49	252	66747	5.42	ng	# 25
89) Benzo(a)pyrene	17.86	252	37347	3.19	ng	# 6
91) Benzo(g,h,i)perylene	19.84	276	27937	2.24	ng	# 77

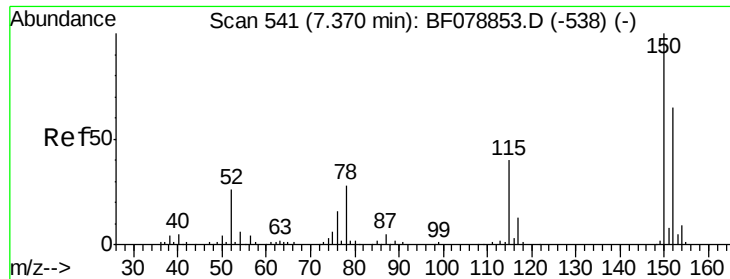
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

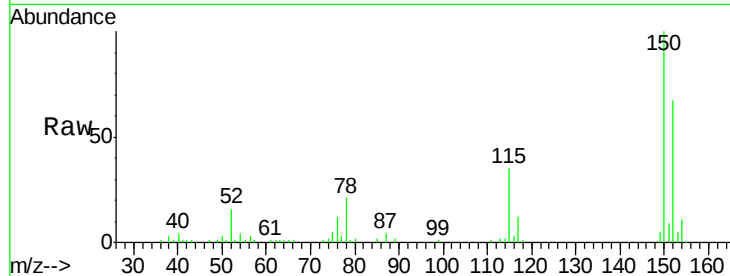
Tgt Ion:152 Resp: 48995

Ion Ratio Lower Upper

152 100

150 149.5 122.0 183.0

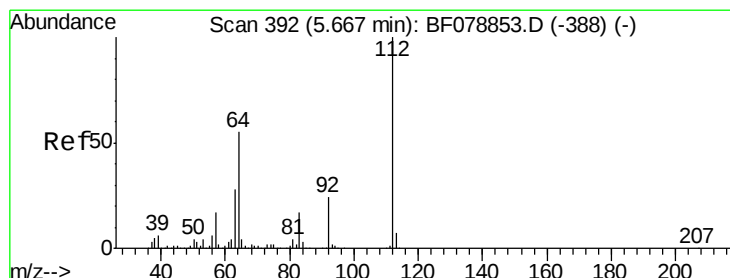
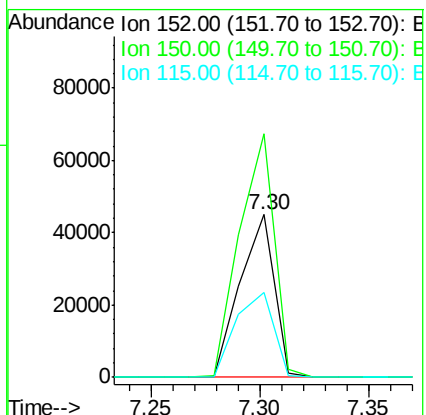
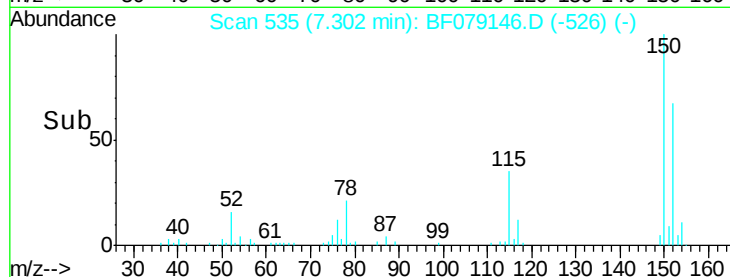
115 52.4 46.3 69.5



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: 133.89 ng

RT: 5.60 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

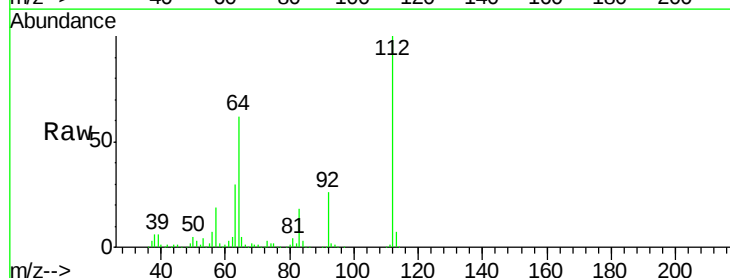
Tgt Ion:112 Resp: 381104

Ion Ratio Lower Upper

112 100

64 62.1 53.5 80.3

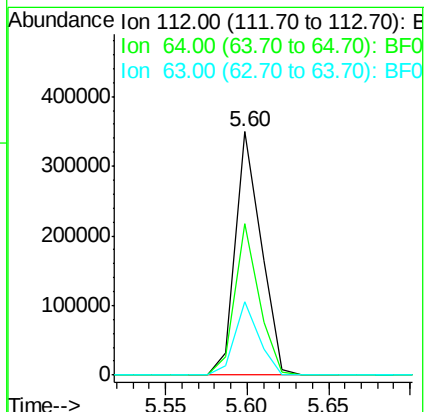
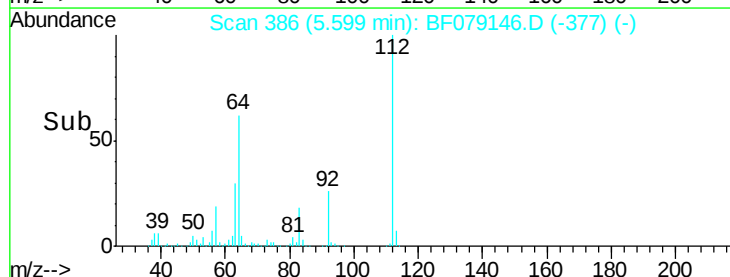
63 30.1 27.5 41.3

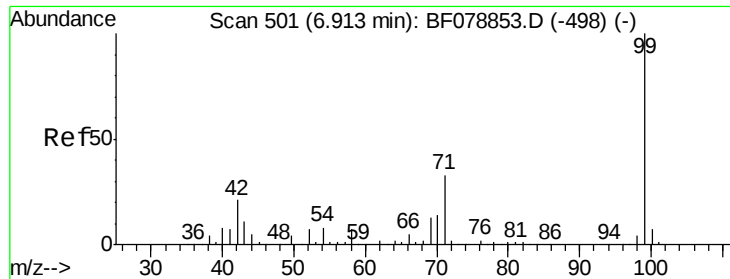


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.66 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

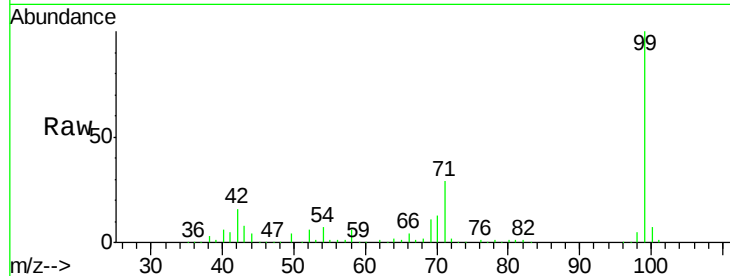
Tgt Ion: 99 Resp: 548029

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

71 29.4 23.4 35.2



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

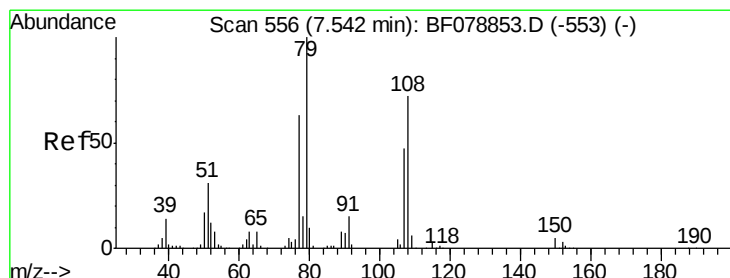
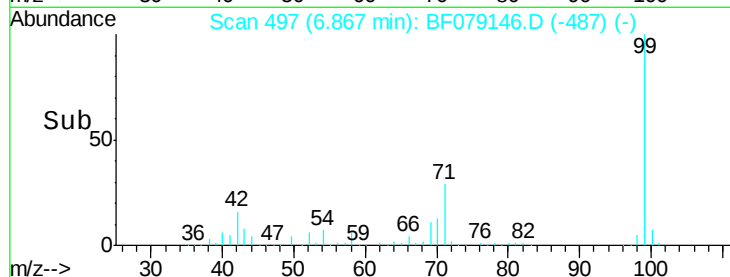
6.87

400000

200000

0

Time-->



#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 7.48 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

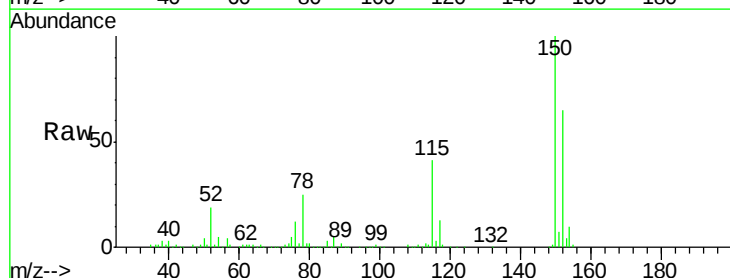
Tgt Ion: 79 Resp: 6003

Ion Ratio Lower Upper

79 100

108 32.2 62.5 93.7#

77 108.0 52.2 78.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.48

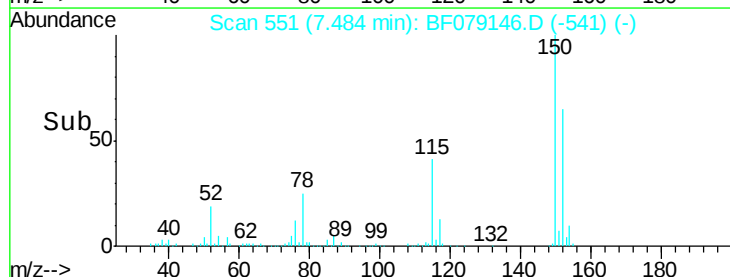
6000

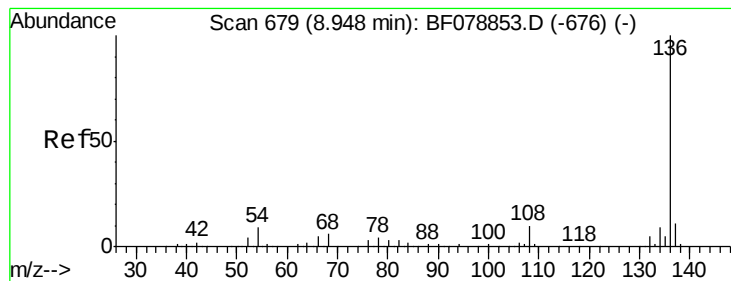
4000

2000

0

Time-->

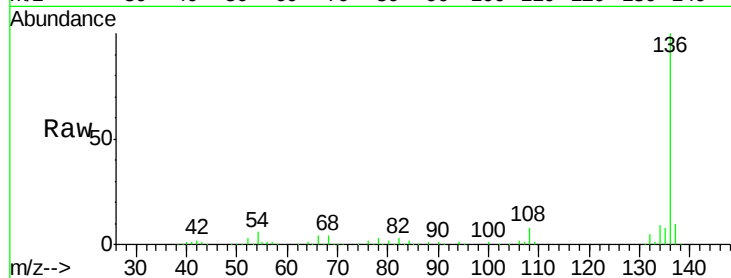




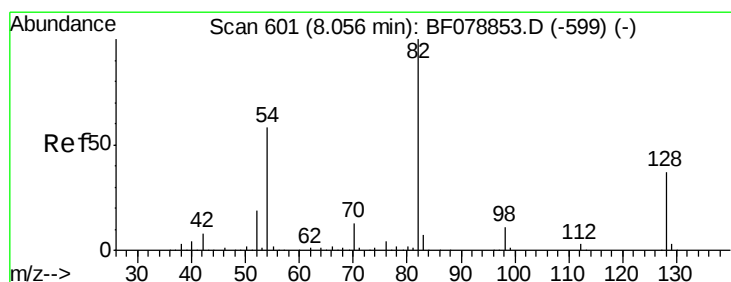
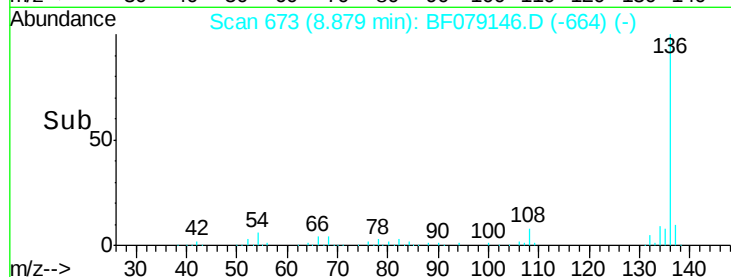
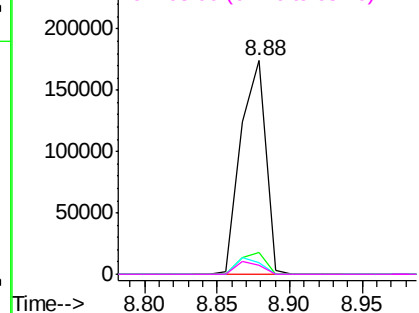
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Instrument :
BNA_F
ClientSampleId :
PS-29(3-5)

Tgt Ion:	136	Resp:	208918
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.5	5.8	8.8#
68	4.4	4.2	6.4

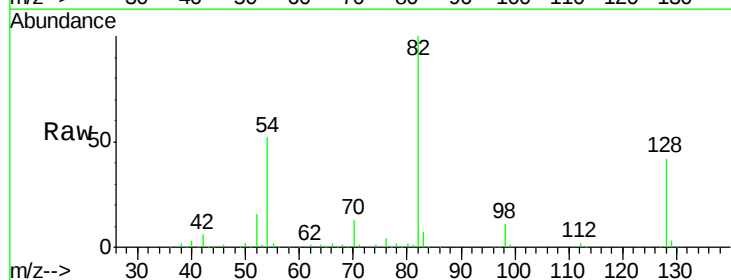


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

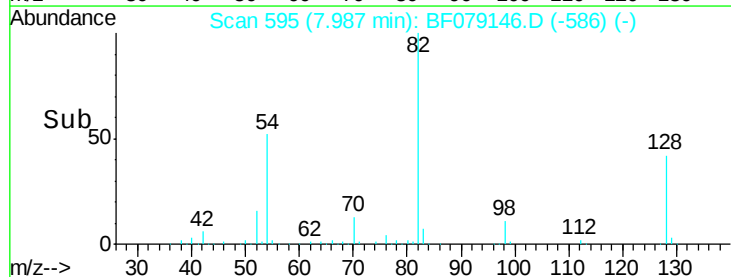
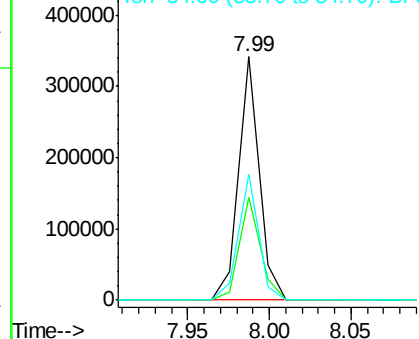


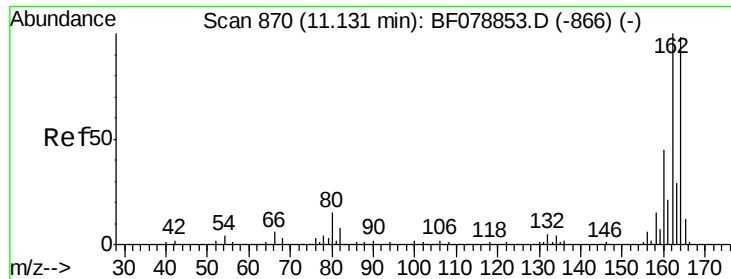
#23
Nitrobenzene-d5
Concen: 81.63 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Tgt Ion:	82	Resp:	296743
Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.0	45.0
54	51.9	46.4	69.6



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

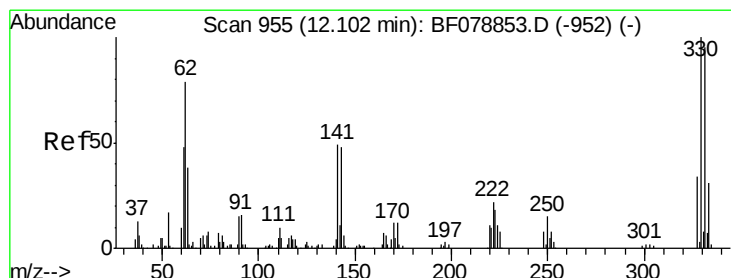
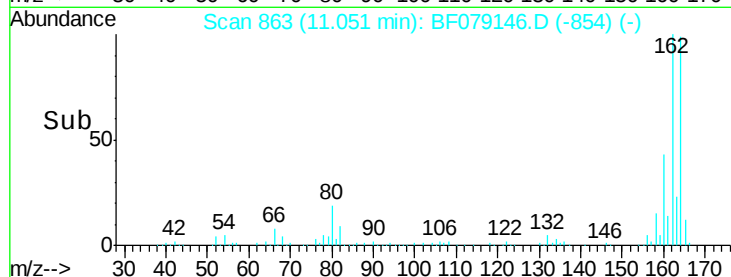
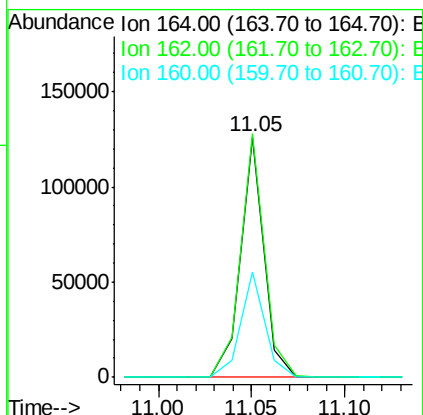
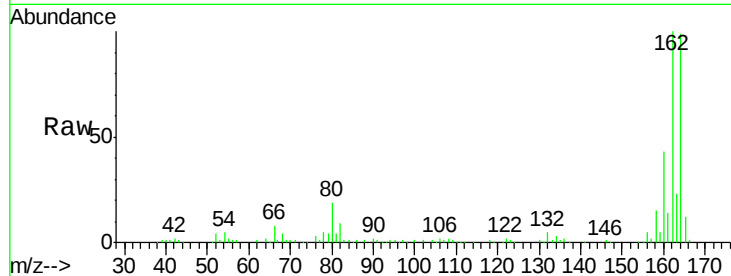




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079146.D
 Acq: 12 May 2015 7:36

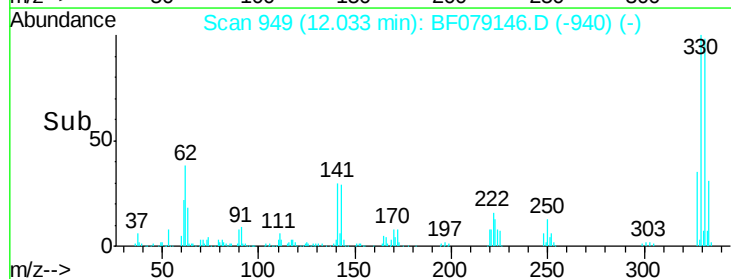
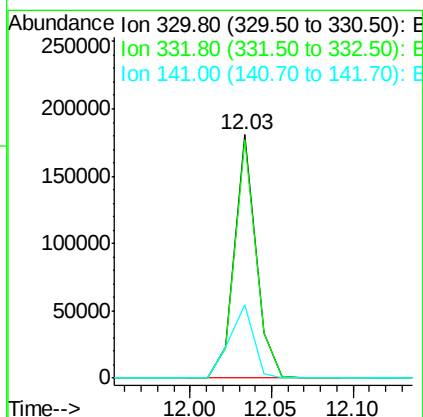
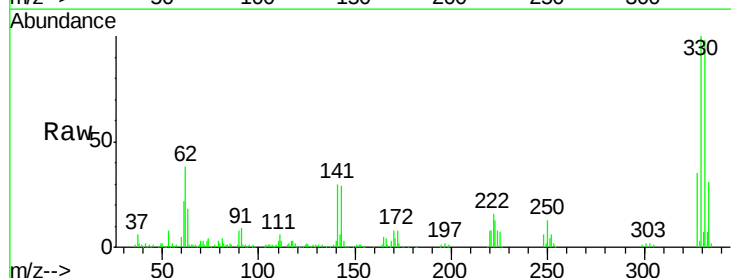
Instrument :
 BNA_F
 ClientSampleId :
 PS-29(3-5)

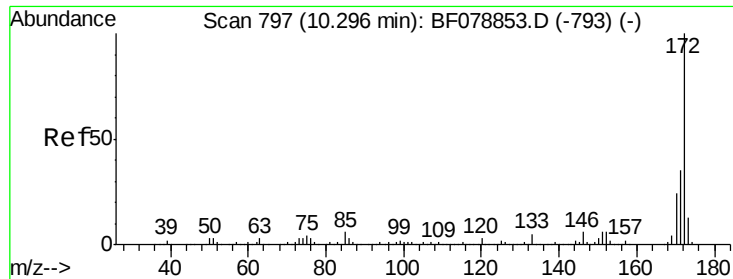
Tgt Ion:164 Resp: 110164
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.7 124.1
 160 43.8 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 138.16 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079146.D
 Acq: 12 May 2015 7:36

Tgt Ion:330 Resp: 164657
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 34.4 0.0 0.0#

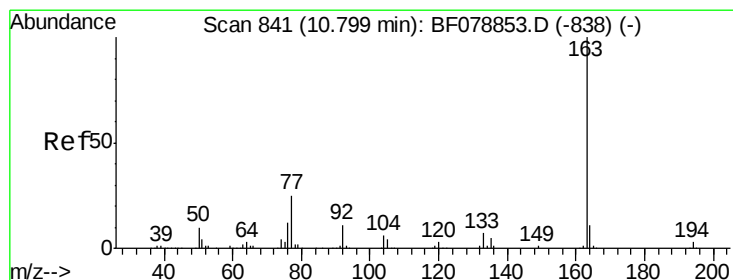
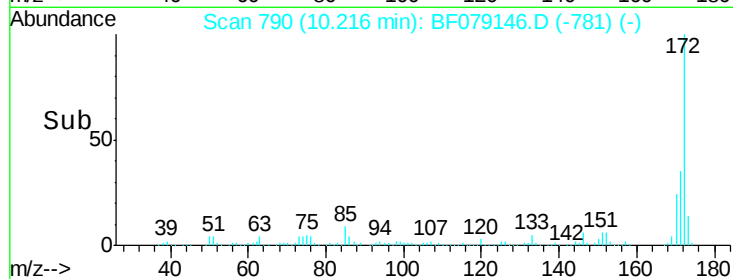
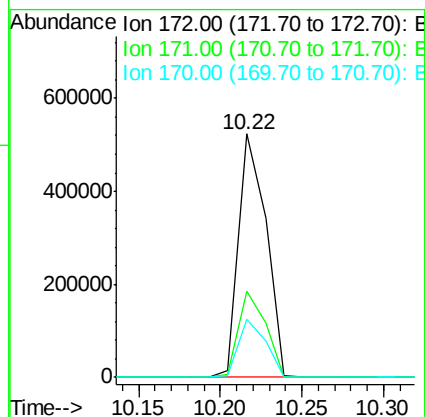
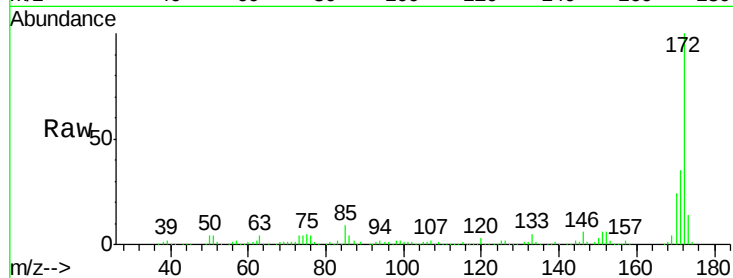




#44
2-Fluorobiphenyl
Concen: 77.11 ng
RT: 10.22 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

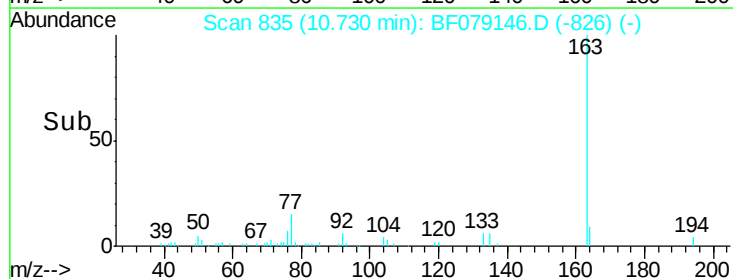
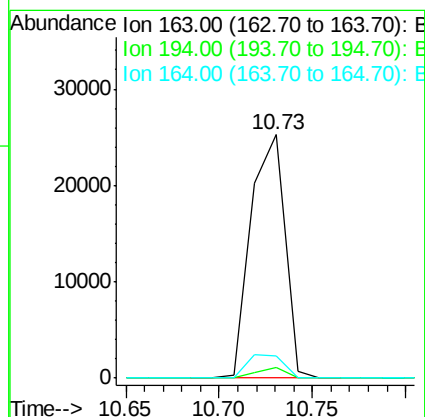
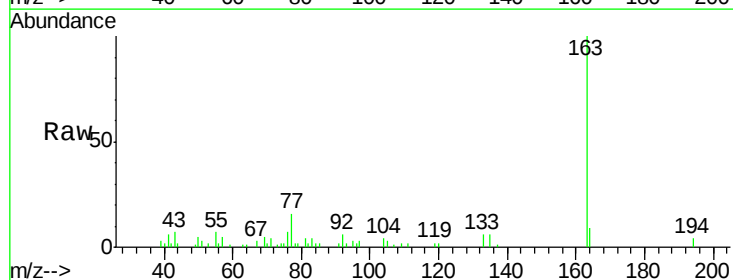
Instrument :
BNA_F
ClientSampleId :
PS-29(3-5)

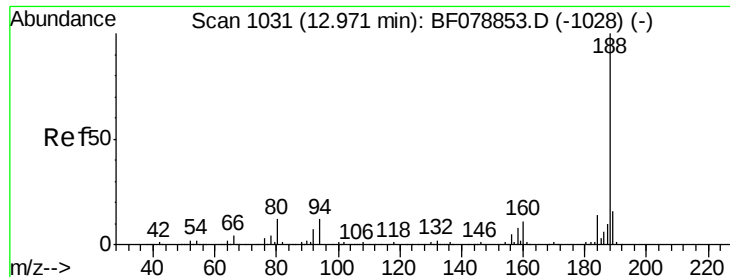
Tgt Ion:172 Resp: 609704
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.0 19.4 29.0



#49
Dimethylphthalate
Concen: 3.95 ng
RT: 10.73 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Tgt Ion:163 Resp: 31905
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 9.3 8.1 12.1

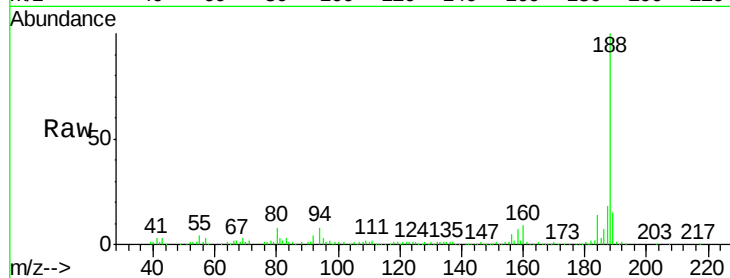




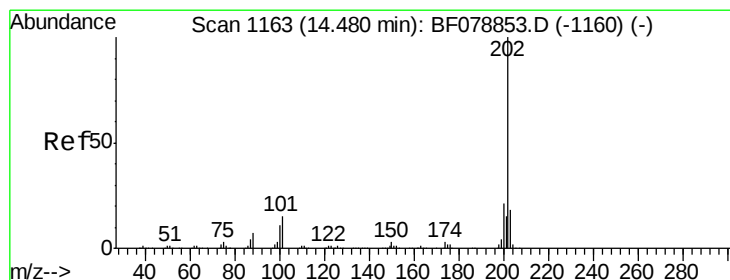
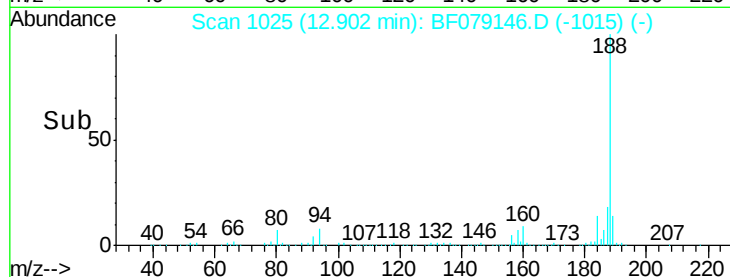
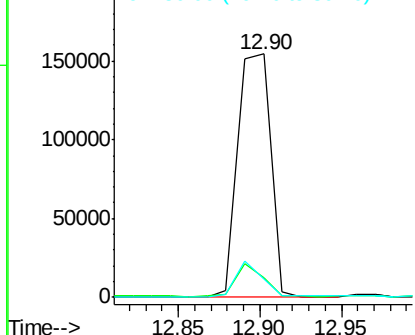
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Instrument :
BNA_F
ClientSampleId :
PS-29(3-5)

Tgt Ion:188 Resp: 216100
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 7.6 8.9 13.3#

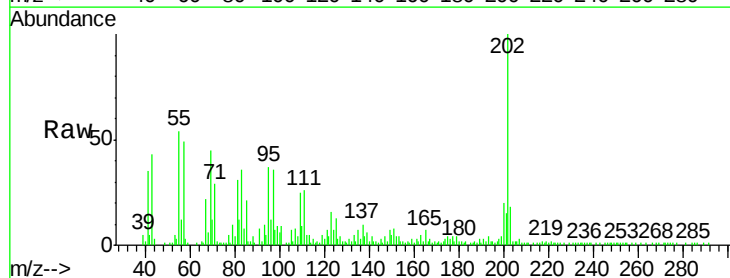


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

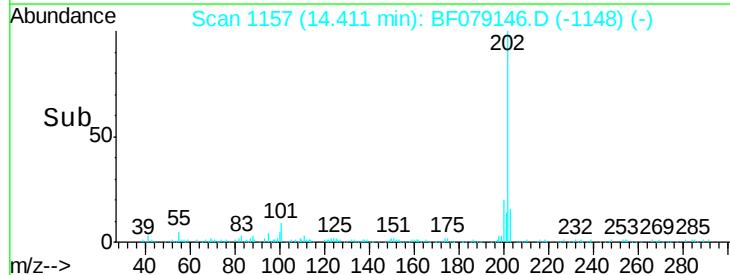
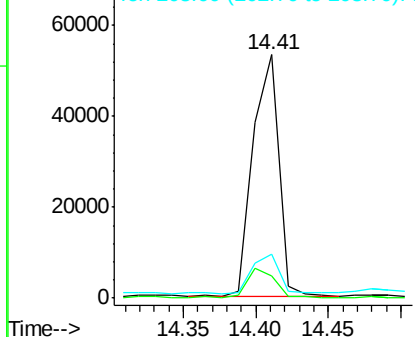


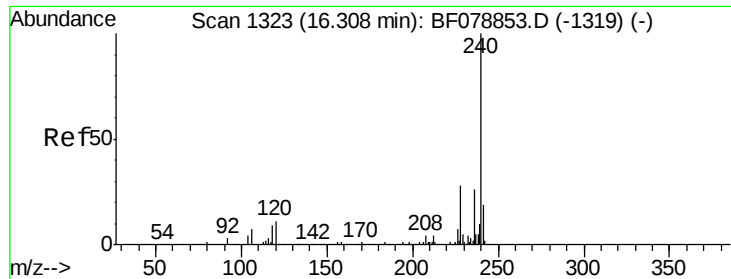
#74
Fluoranthene
Concen: 5.21 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Tgt Ion:202 Resp: 65592
Ion Ratio Lower Upper
202 100
101 8.9 0.0 34.6
203 17.9 0.0 38.4



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: 16.19 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

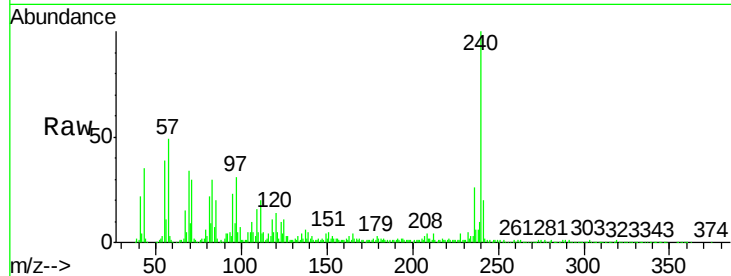
Tgt Ion:240 Resp: 215800

Ion Ratio Lower Upper

240 100

120 14.0 9.7 14.5

236 26.3 20.2 30.4

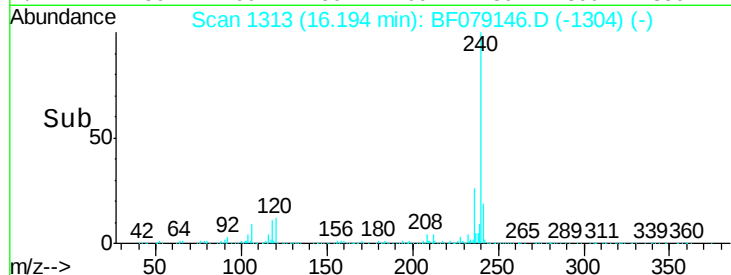


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 16.10 16.15 16.20 16.25

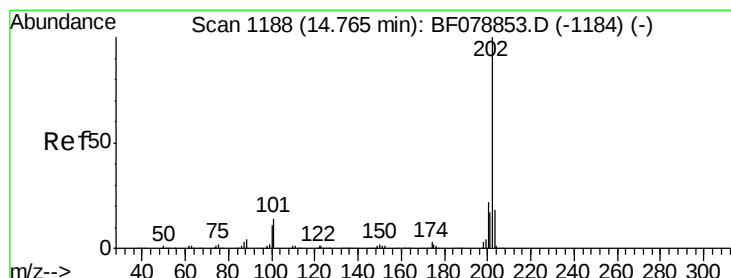


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 16.10 16.15 16.20 16.25



#77

Pyrene

Concen: 5.13 ng

RT: 14.69 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

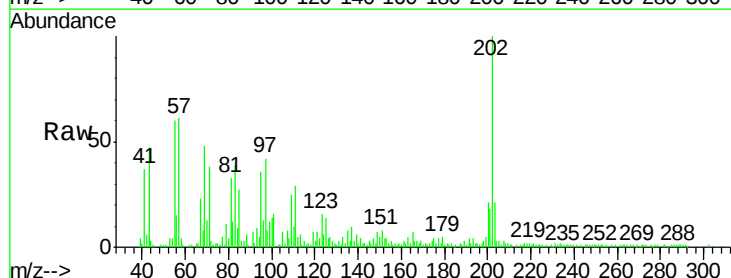
Tgt Ion:202 Resp: 63769

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

203 20.7 13.9 20.9

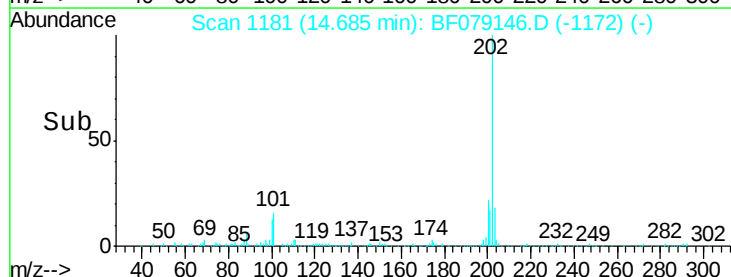


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 14.60 14.65 14.70 14.75

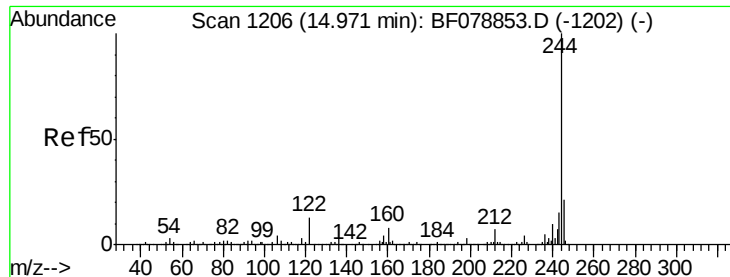


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

Time--> 14.60 14.65 14.70 14.75



#78

Terphenyl-d14

Concen: 80.63 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

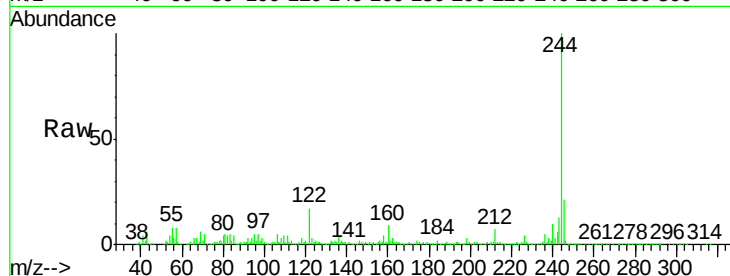
Tgt Ion:244 Resp: 726815

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

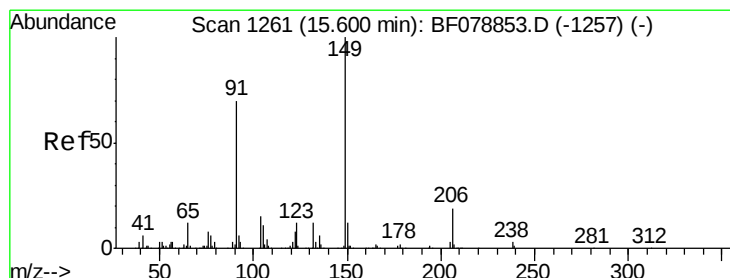
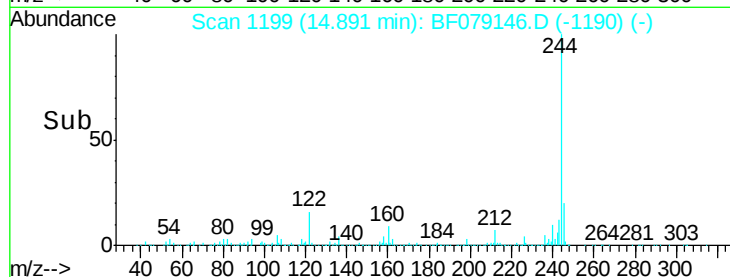
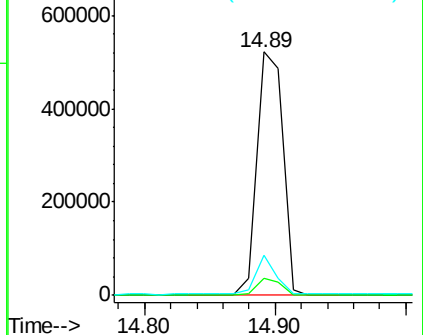
122 16.7 10.3 15.5#



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



#79

Butylbenzylphthalate

Concen: 9.85 ng

RT: 15.51 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

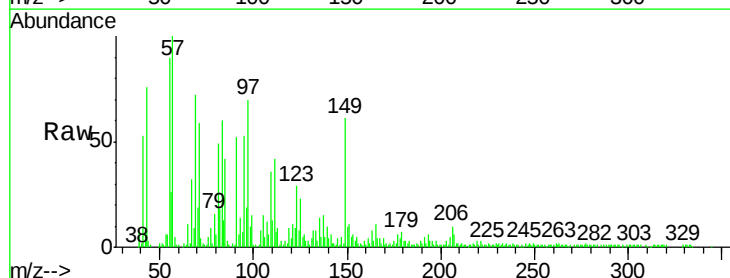
Tgt Ion:149 Resp: 53561

Ion Ratio Lower Upper

149 100

91 85.6 64.6 97.0

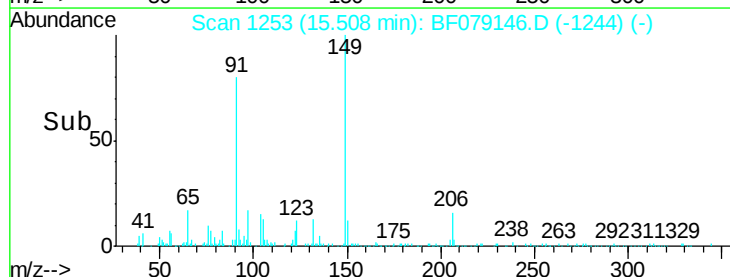
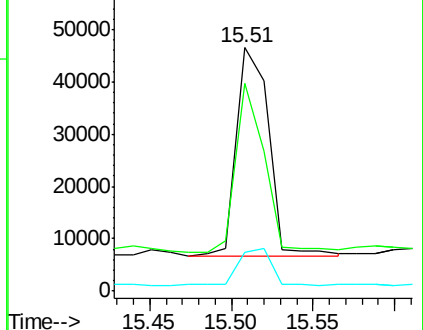
206 15.8 12.2 18.4

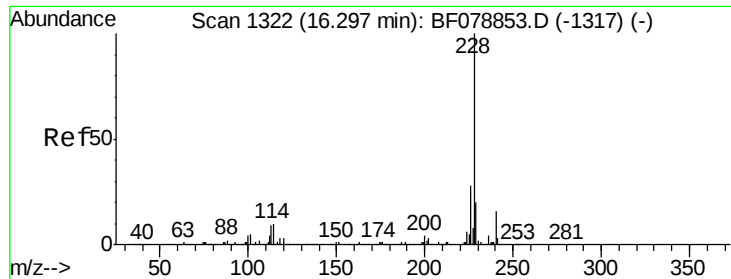


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

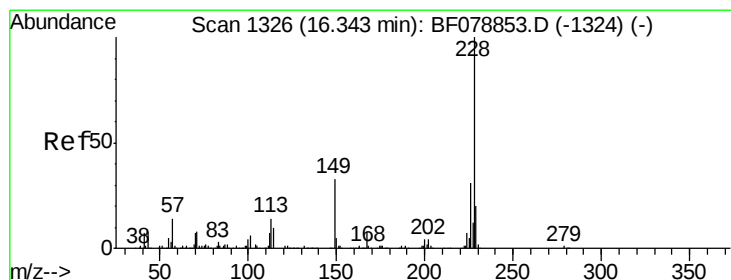
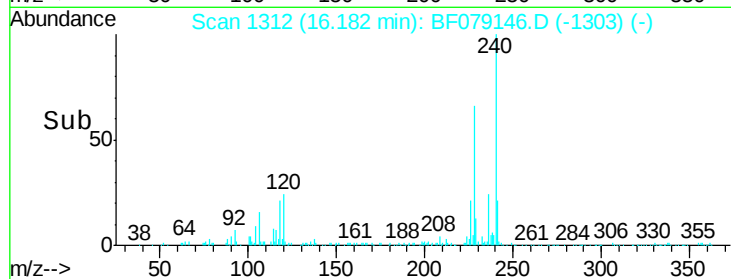
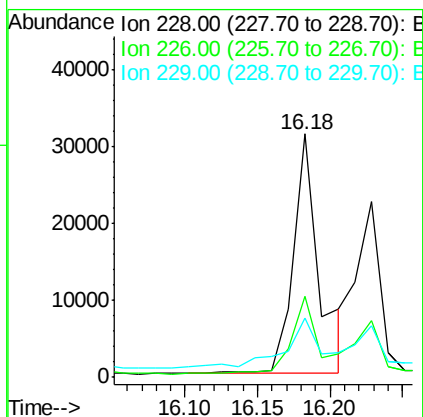
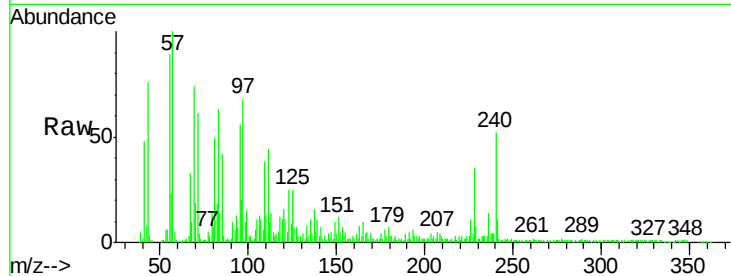




#80
Benzo(a)anthracene
Concen: 3.26 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

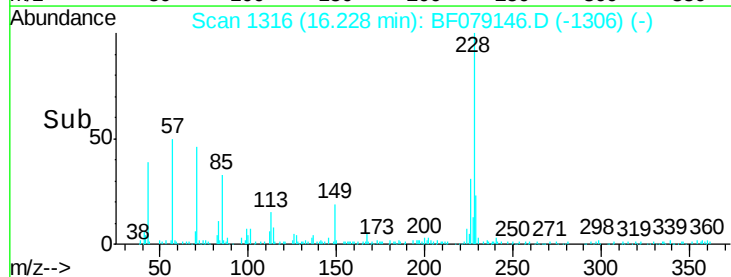
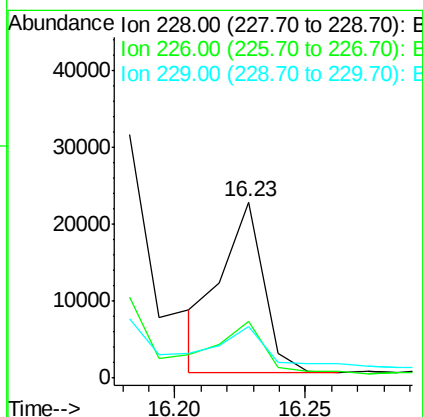
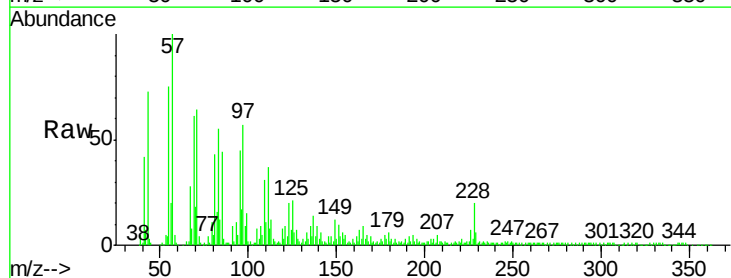
Instrument :
BNA_F
ClientSampleId :
PS-29(3-5)

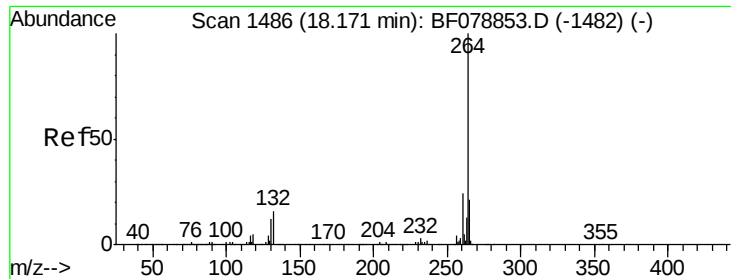
Tgt Ion: 228 Resp: 38545
Ion Ratio Lower Upper
228 100
226 33.1 22.6 33.8
229 24.2 15.9 23.9#



#82
Chrysene
Concen: 2.21 ng
RT: 16.23 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Tgt Ion: 228 Resp: 25067
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 29.2 16.0 24.0#



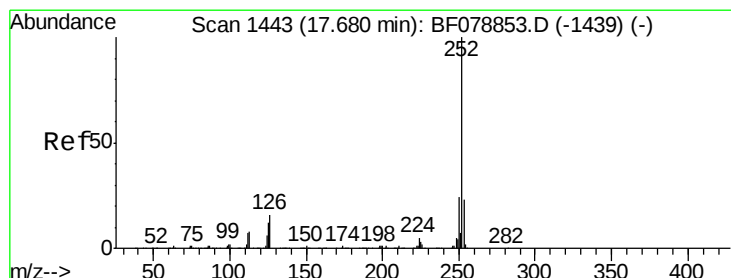
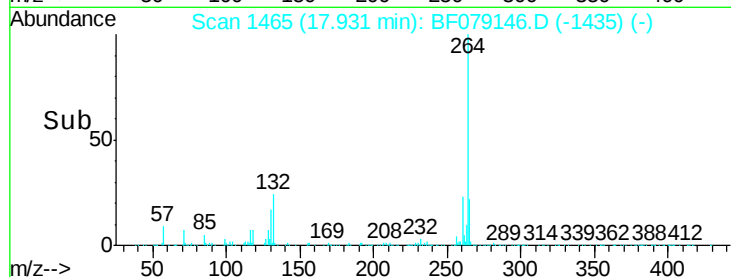
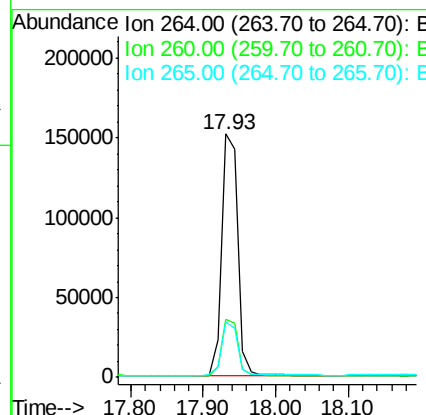
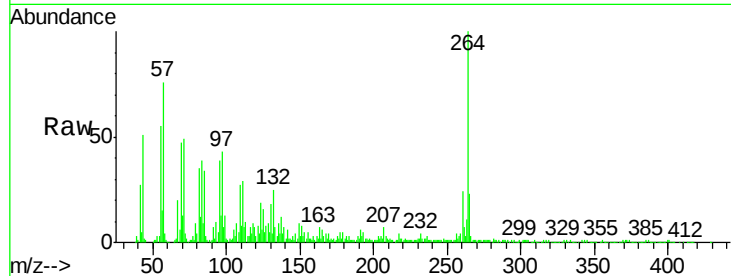


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1465
Delta R.T. 0.05 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Instrument :
BNA_F
ClientSampleId :
PS-29(3-5)

Tgt Ion: 264 Resp: 232621

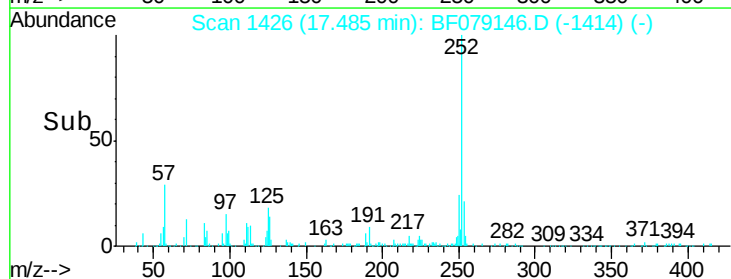
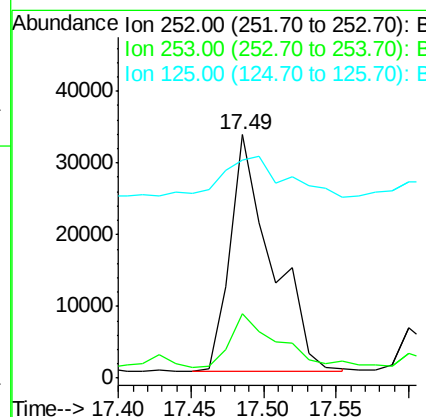
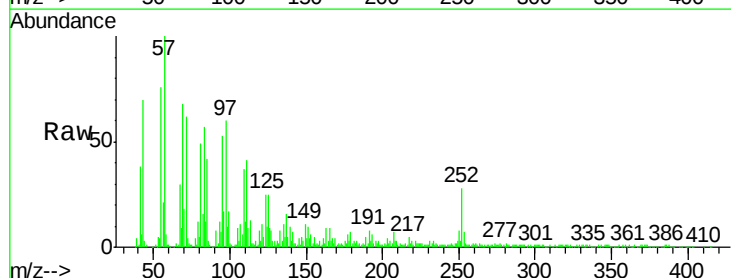
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.7	18.3	27.5

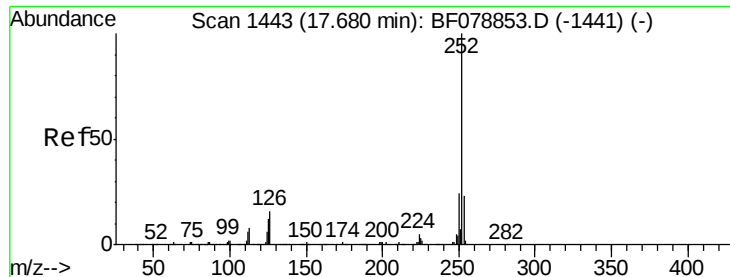


#87
Benzo(b)fluoranthene
Concen: 5.21 ng
RT: 17.49 min Scan# 1426
Delta R.T. 0.03 min
Lab File: BF079146.D
Acq: 12 May 2015 7:36

Tgt Ion: 252 Resp: 66328

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.7	26.5
125	89.4	9.5	14.3#





#88

Benzo(k)fluoranthene

Concen: 5.42 ng

RT: 17.49 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

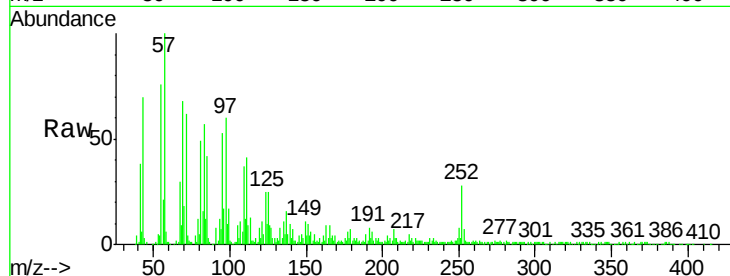
Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

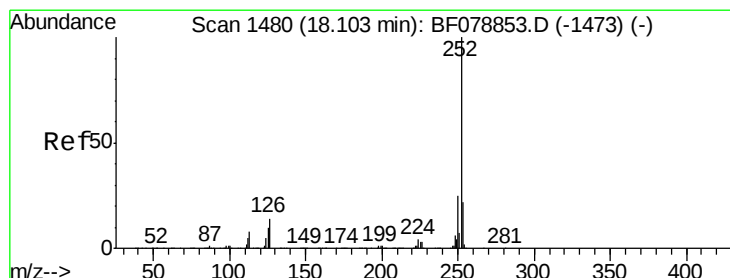
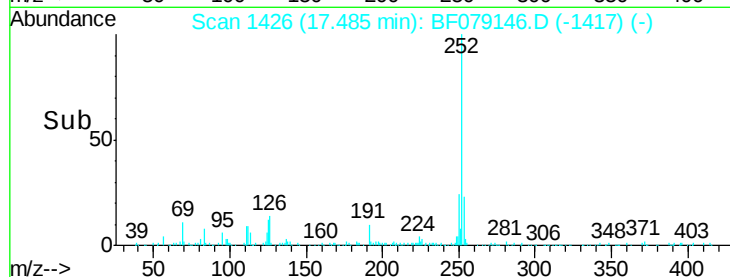
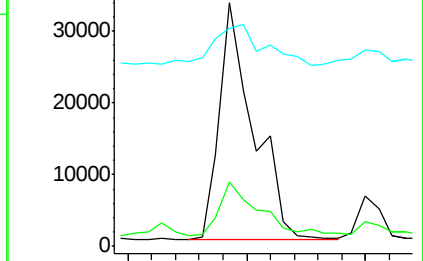
Tgt Ion:	252	Resp:	66747
Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.1	27.1
125	89.4	10.0	15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 3.19 ng

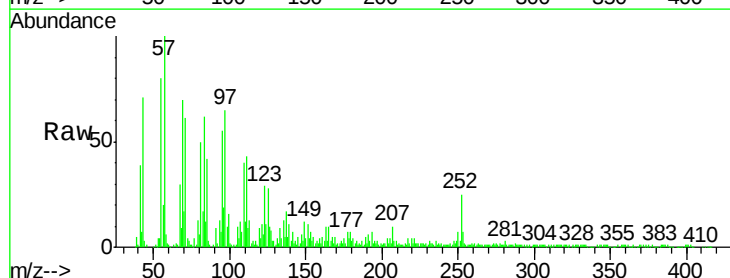
RT: 17.86 min Scan# 1459

Delta R.T. 0.03 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

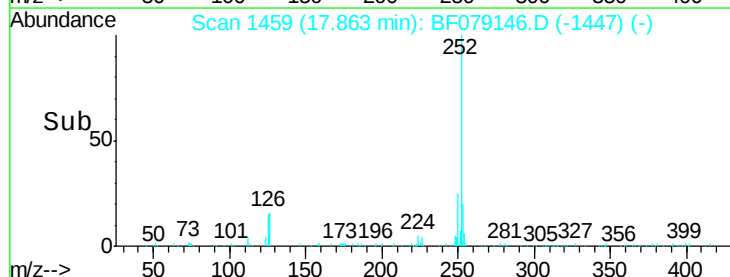
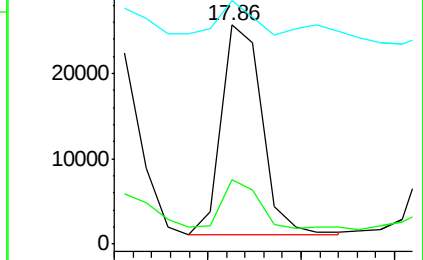
Tgt Ion:	252	Resp:	37347
Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.3	25.9#
125	111.1	7.0	10.6#

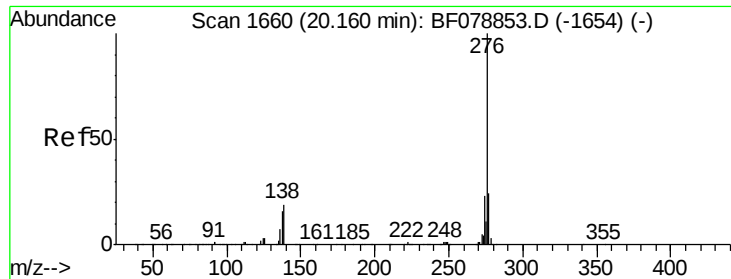


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.24 ng

RT: 19.84 min Scan# 1632

Delta R.T. 0.05 min

Lab File: BF079146.D

Acq: 12 May 2015 7:36

Instrument :

BNA_F

ClientSampleId :

PS-29(3-5)

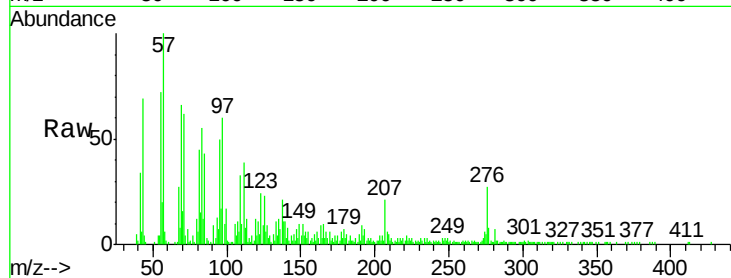
Tgt Ion: 276 Resp: 27937

Ion Ratio Lower Upper

276 100

277 27.8 18.6 28.0

138 40.1 17.4 26.0#



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

