

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
 Data File : BF078346.D
 Acq On : 8 Apr 2015 21:02
 Operator : TP/IZ
 Sample : G1793-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6S

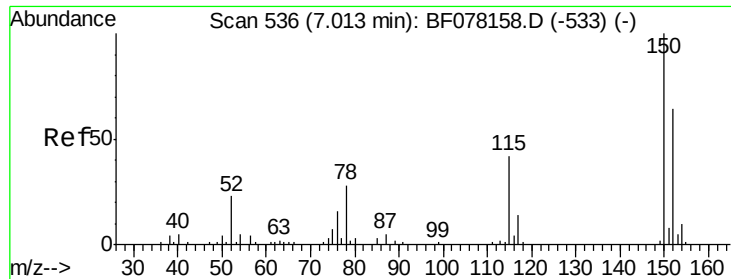
Quant Time: Apr 09 01:46:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 00:49:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	43573	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	176160	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	85703	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	161813	20.00	ng	0.00
75) Chrysene-d12	15.75	240	170725	20.00	ng	-0.02
86) Perylene-d12	17.49	264	166680	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	214063	81.00	ng	0.01
7) Phenol-d6	6.51	99	280797	84.78	ng	0.00
23) Nitrobenzene-d5	7.61	82	158779	54.63	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	66944	94.18	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	320048	53.38	ng	0.00
78) Terphenyl-d14	14.47	244	338490	44.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	9316	2.35	ng	87
49) Dimethylphthalate	10.35	163	16408	2.55	ng	# 99
80) Benzo(a)anthracene	15.73	228	26593	2.62	ng	# 87
82) Chrysene	15.78	228	24053	2.52	ng	# 95
85) Indeno(1,2,3-cd)pyrene	18.77	276	29005m	2.68	ng	
87) Benzo(b)fluoranthene	17.05	252	54004m	5.24	ng	
88) Benzo(k)fluoranthene	17.06	252	18486m	2.02	ng	
89) Benzo(a)pyrene	17.43	252	32949	3.66	ng	# 92
91) Benzo(g,h,i)perylene	19.14	276	28629	3.17	ng	98

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

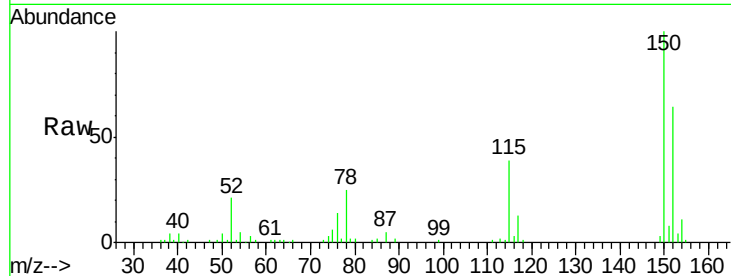


#1

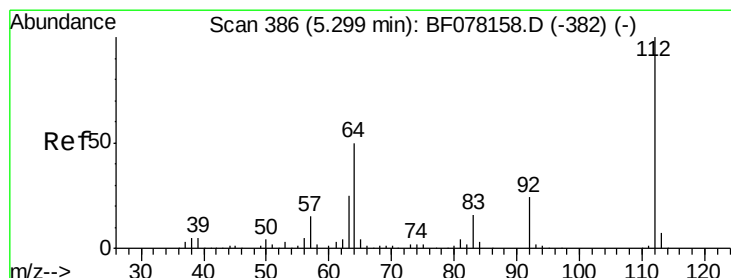
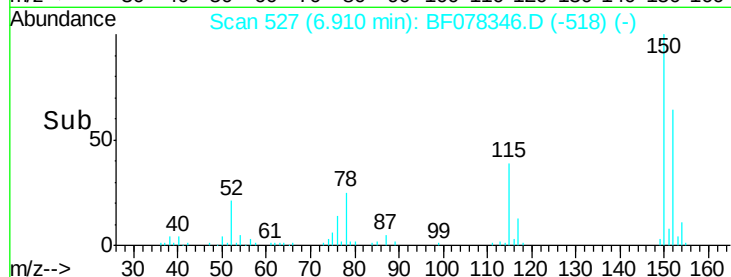
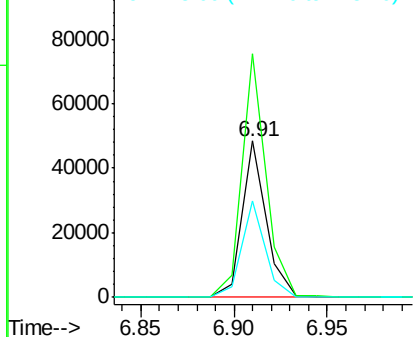
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Instrument :
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Tot Ion:152 Resp: 43573
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 61.4 52.7 79.1



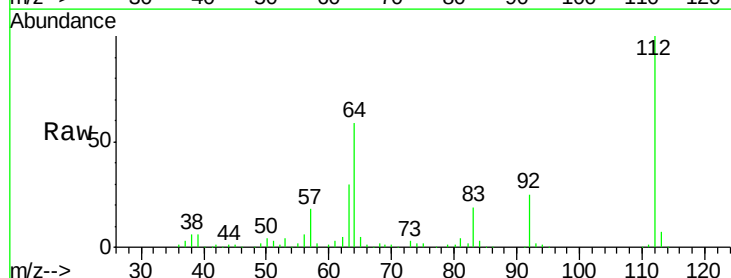
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



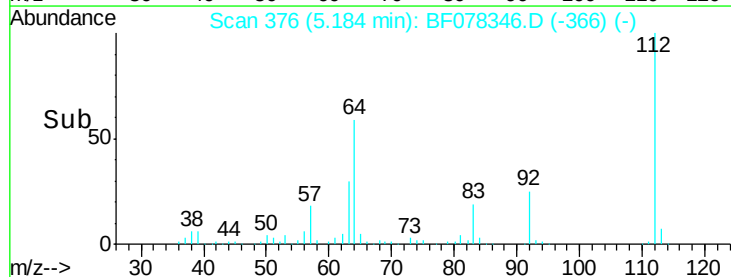
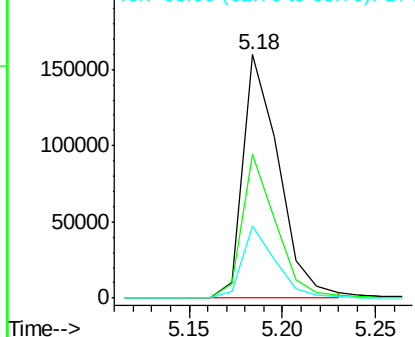
#5

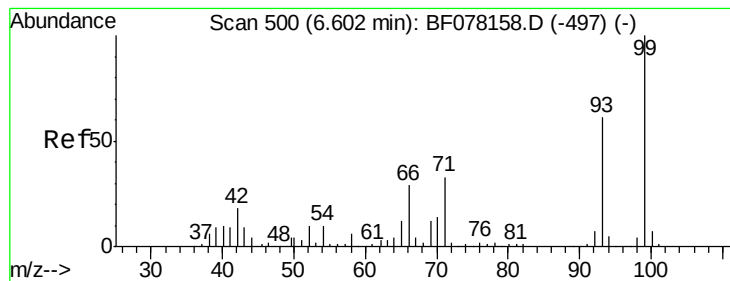
2-Fluorophenol
Concen: 81.00 ng
RT: 5.18 min Scan# 376
Delta R.T. 0.01 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:112 Resp: 214063
Ion Ratio Lower Upper
112 100
64 59.3 39.9 59.9
63 29.6 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: 84.78 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

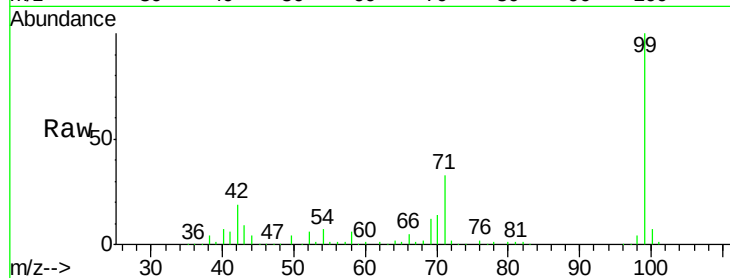
Tot Ion: 99 Resp: 280797

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

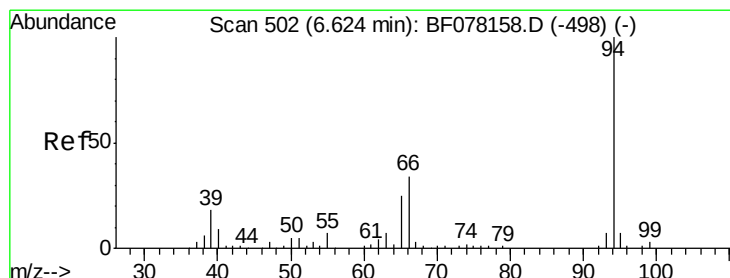
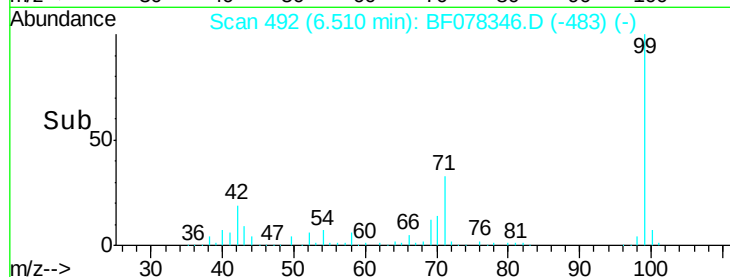
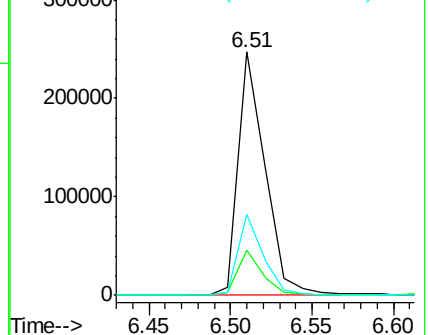
71 33.4 26.6 39.8



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



#10

Phenol

Concen: 2.35 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

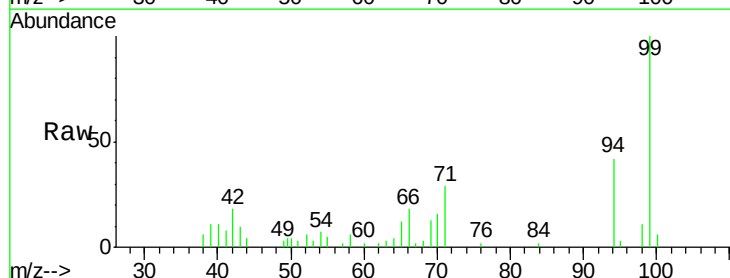
Tgt Ion: 94 Resp: 9316

Ion Ratio Lower Upper

94 100

65 28.4 4.9 44.9

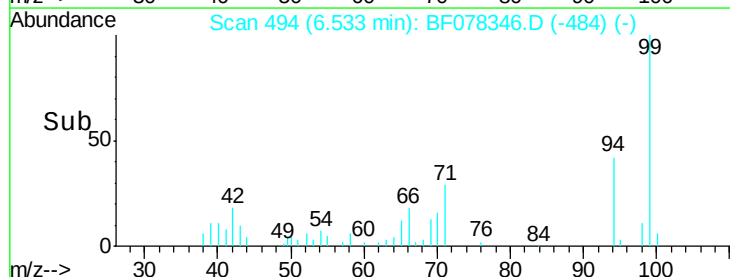
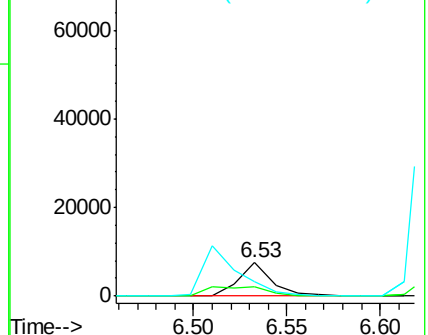
66 43.5 13.8 53.8

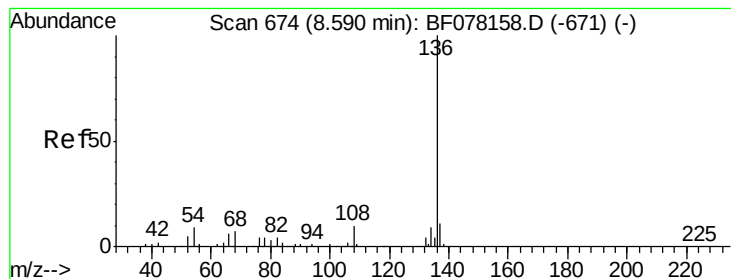


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

Tot Ion:136 Resp: 176160

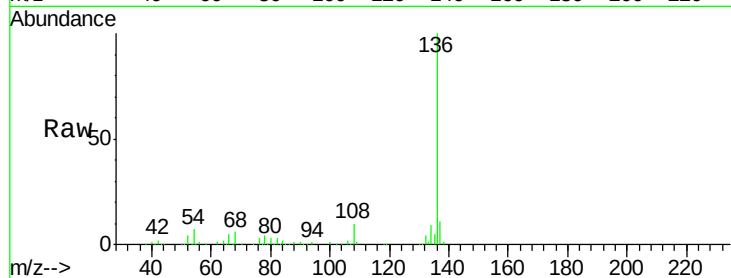
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.0 7.0 10.6#

68 6.0 5.4 8.2

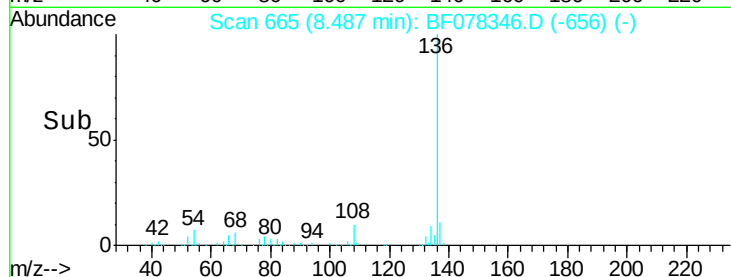


Abundance Ion 136.00 (135.70 to 136.70): E

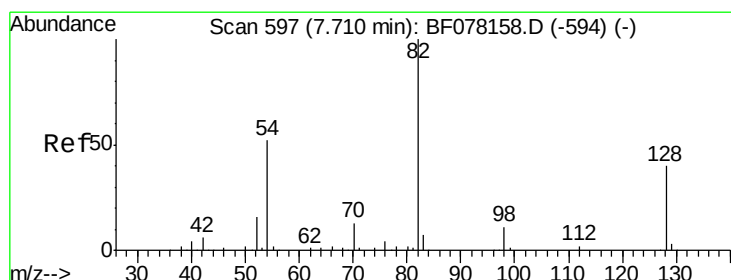
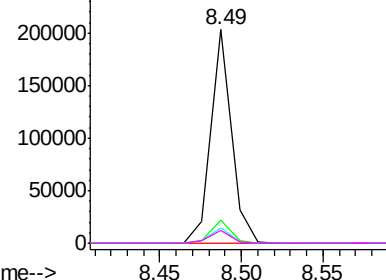
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 54.63 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

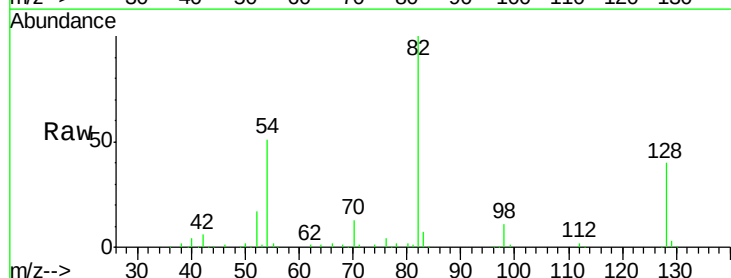
Tgt Ion: 82 Resp: 158779

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.8

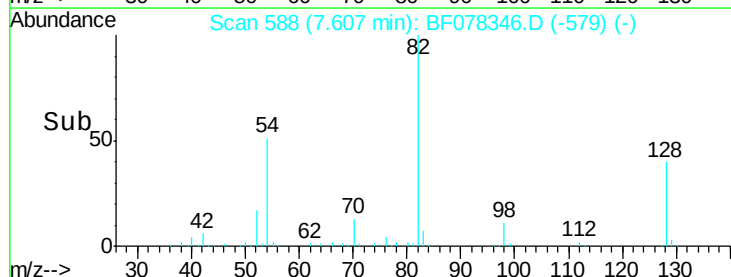
54 50.9 41.5 62.3



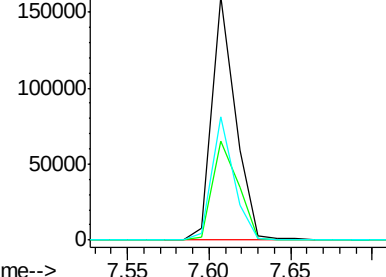
Abundance Ion 82.00 (81.70 to 82.70): BF0

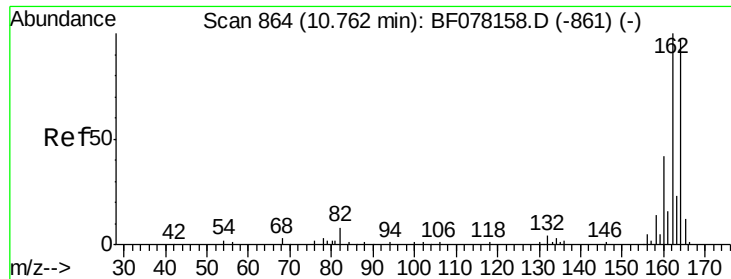
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

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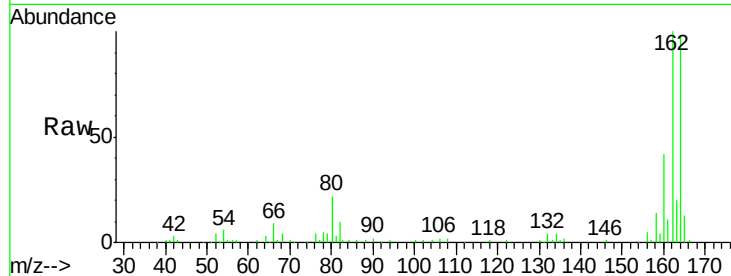
Tot Ion:164 Resp: 85703

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.2

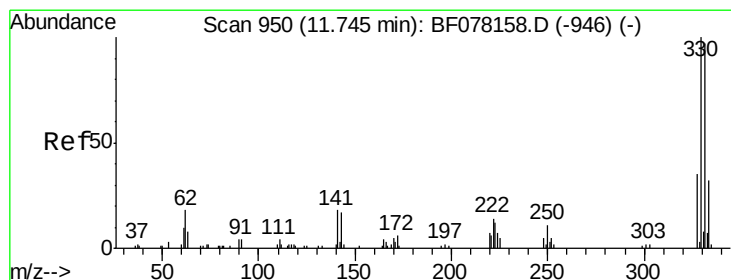
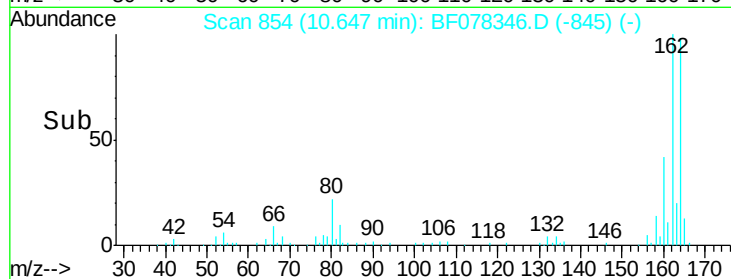
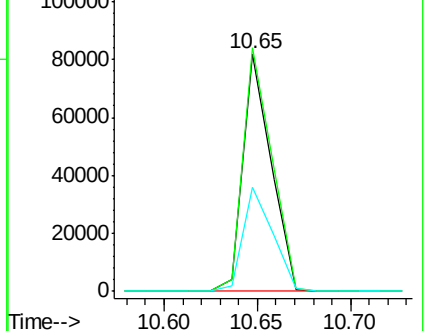
160 43.6 34.7 52.1



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: 94.18 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

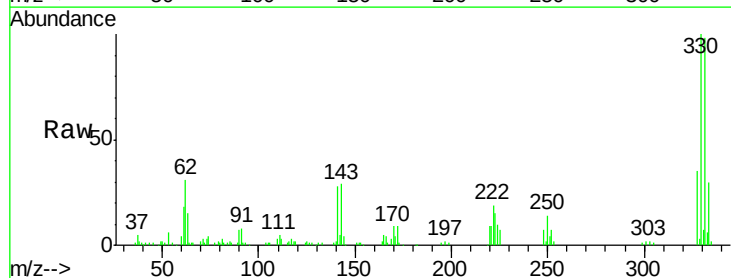
Tgt Ion:330 Resp: 66944

Ion Ratio Lower Upper

330 100

332 97.4 78.6 117.8

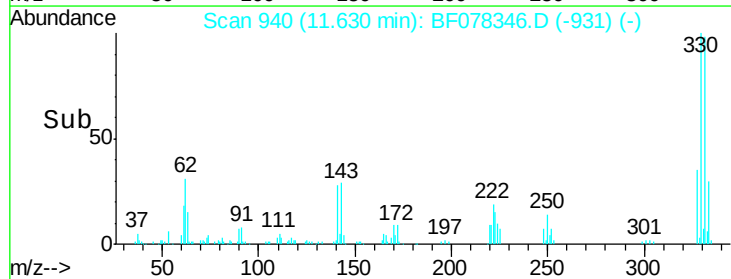
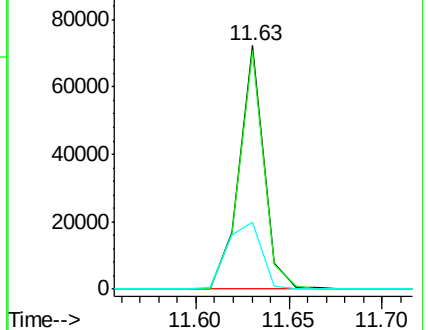
141 38.3 31.2 46.8

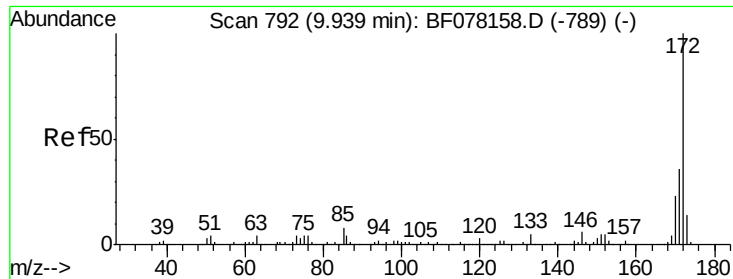


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

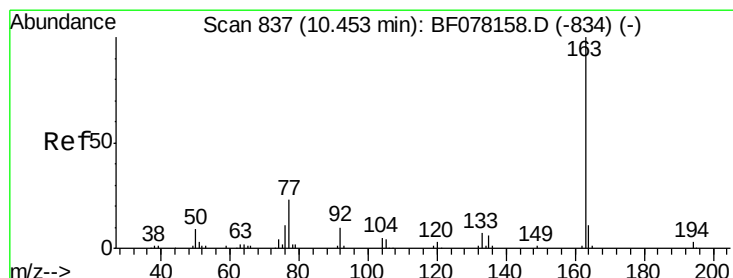
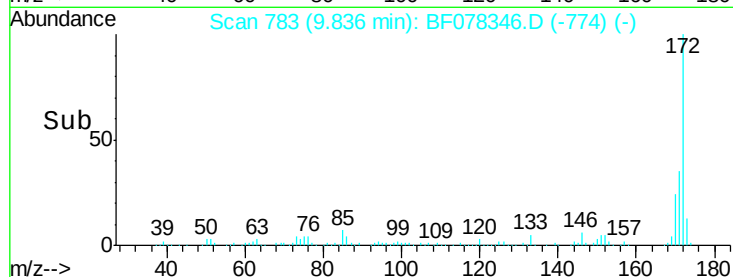
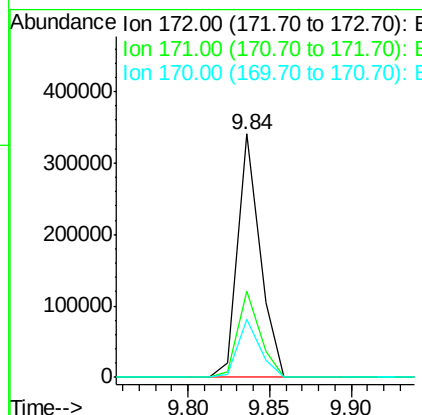
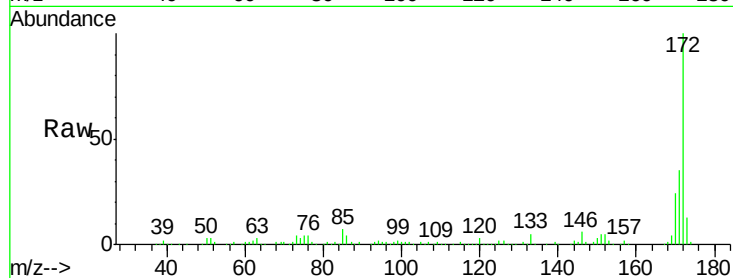




#44
2-Fluorobiphenyl
Concen: 53.38 ng
RT: 9.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

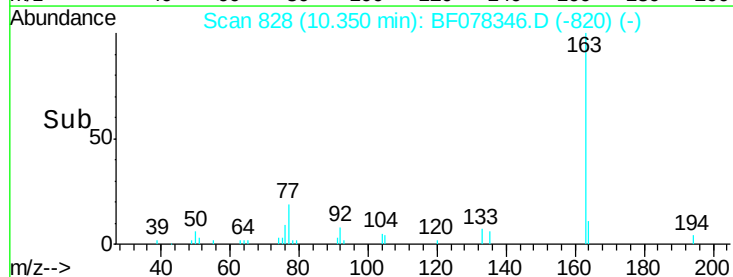
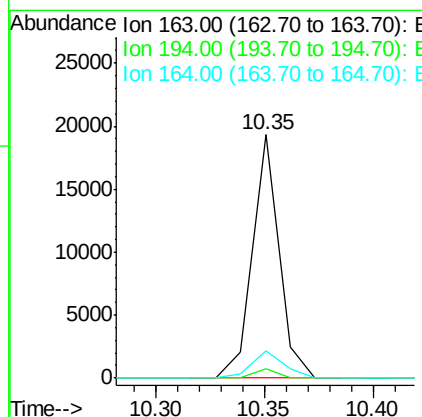
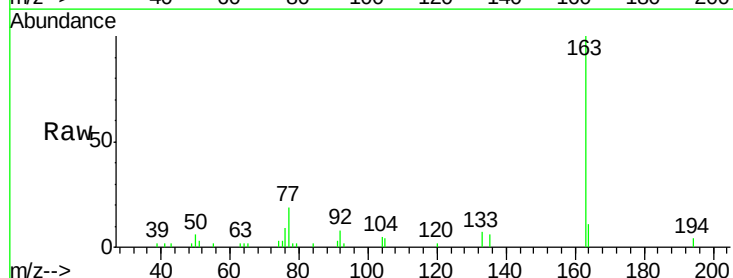
Instrument :
BNA_F
ClientSampleId :
SB-6S

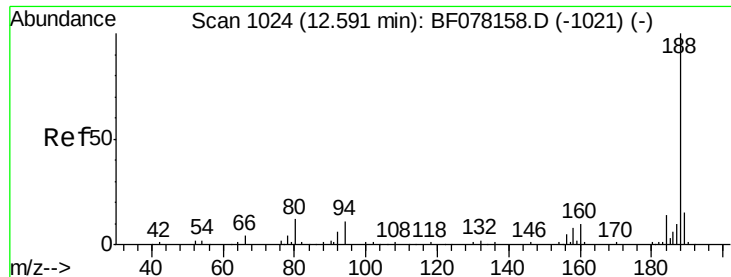
Tot Ion:172 Resp: 320048
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.6 18.5 27.7



#49
Dimethylphthalate
Concen: 2.55 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:163 Resp: 16408
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 11.0 8.6 13.0

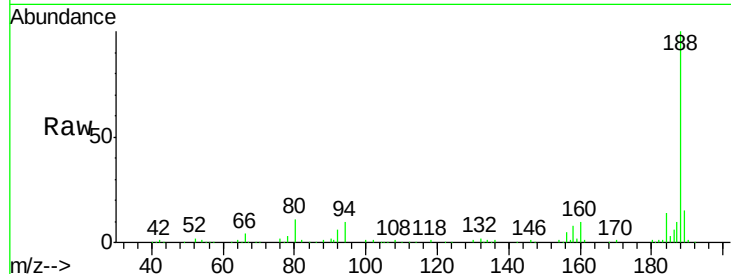




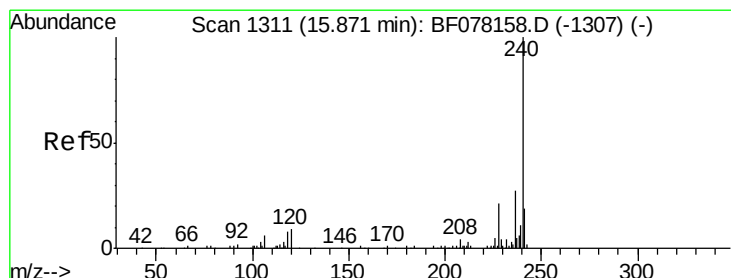
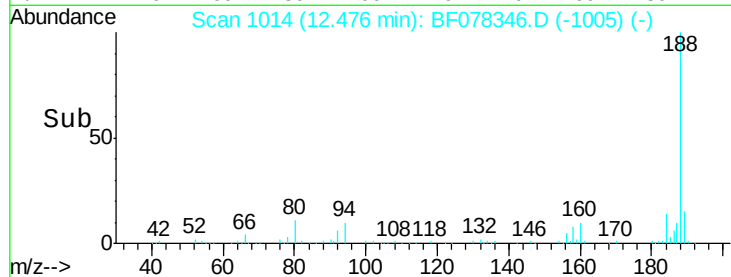
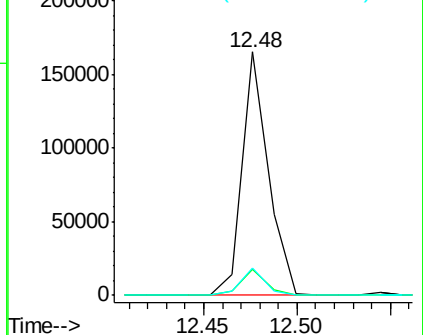
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Instrument :
BNA_F
ClientSampleId :
SB-6S

Tot Ion:188 Resp: 161813
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.4 9.5 14.3

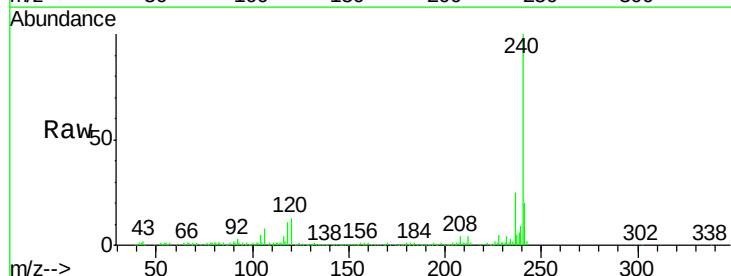


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

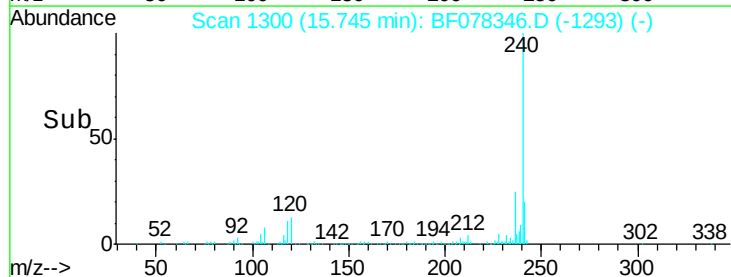
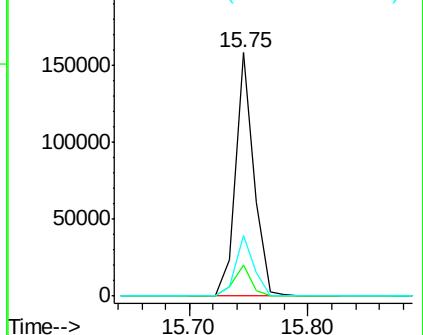


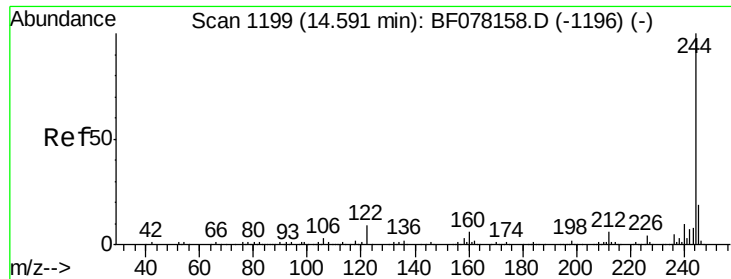
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.75 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:240 Resp: 170725
Ion Ratio Lower Upper
240 100
120 12.7 7.1 10.7#
236 24.9 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





#78

Terphenyl-d14

Concen: 44.80 ng

RT: 14.47 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

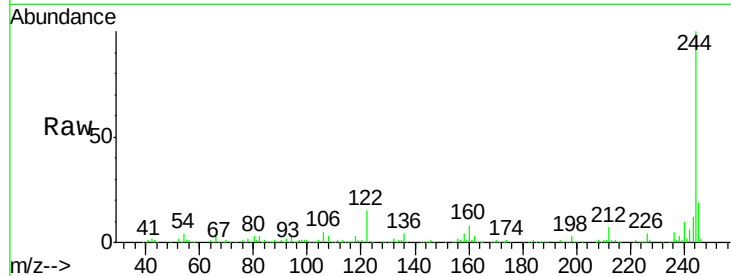
Tot Ion:244 Resp: 338490

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

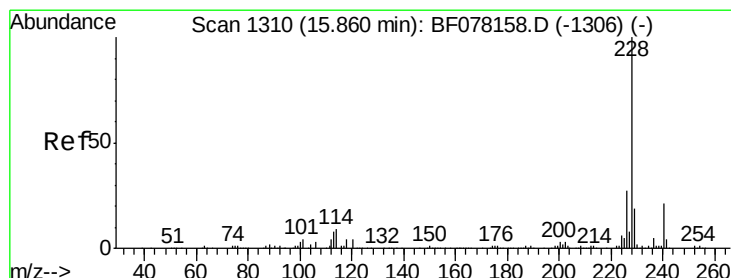
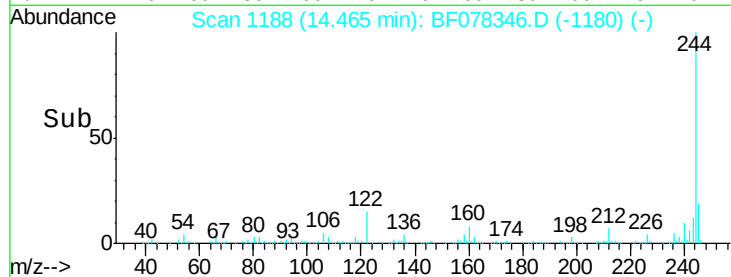
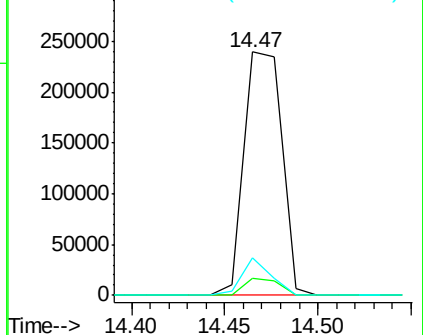
122 15.3 7.1 10.7#



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: 2.62 ng

RT: 15.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

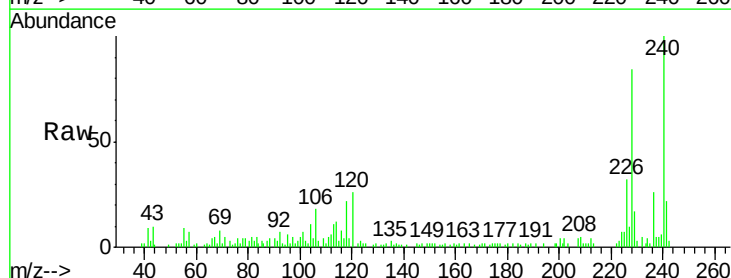
Tgt Ion:228 Resp: 26593

Ion Ratio Lower Upper

228 100

226 37.6 21.3 31.9#

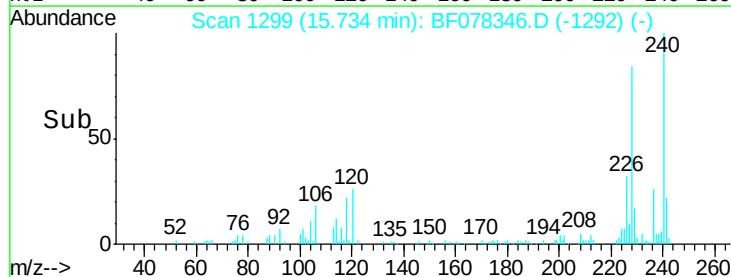
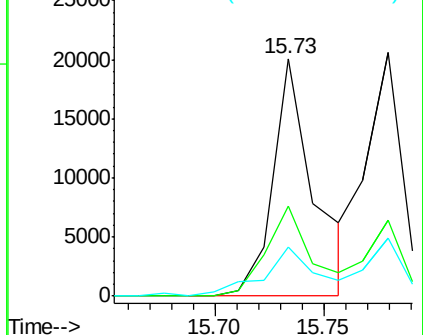
229 20.5 15.4 23.2

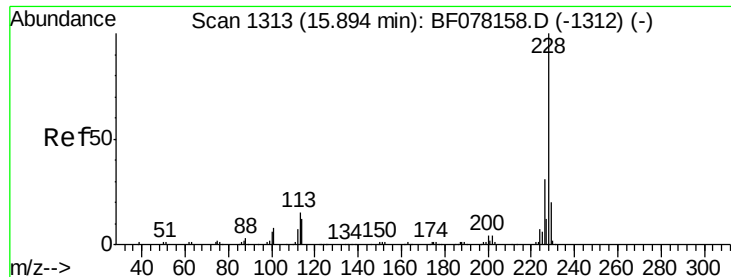


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.52 ng

RT: 15.78 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

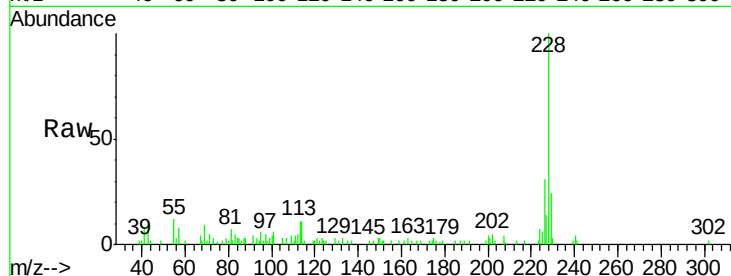
Tot Ion:228 Resp: 24053

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

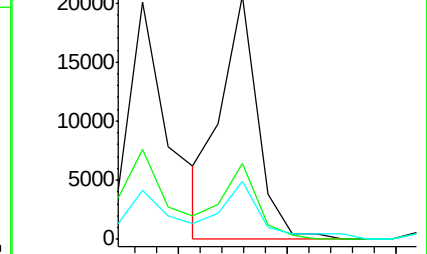
229 24.0 15.8 23.8#



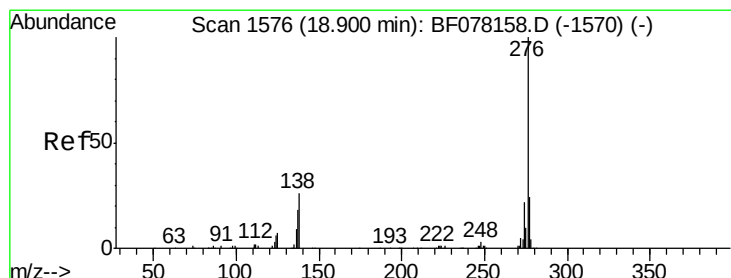
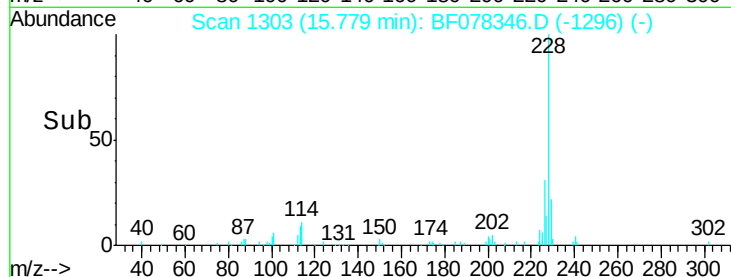
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.68 ng m

RT: 18.77 min Scan# 1565

Delta R.T. -0.11 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

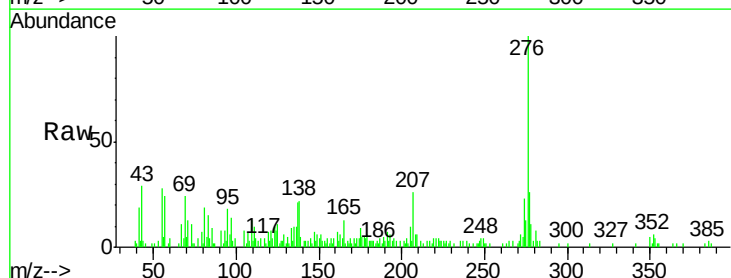
Tgt Ion:276 Resp: 29005

Ion Ratio Lower Upper

276 100

138 6.7 16.9 25.3#

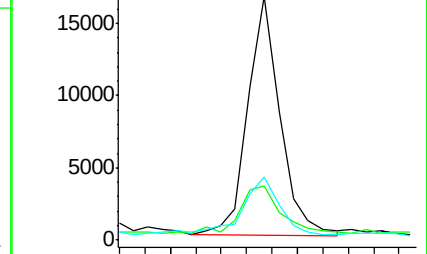
277 5.0 15.8 23.6#



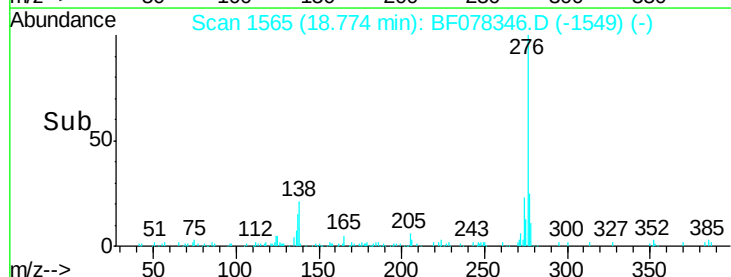
Abundance Ion 276.00 (275.70 to 276.70): E

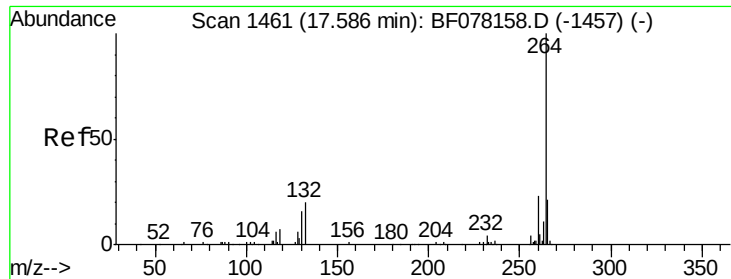
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

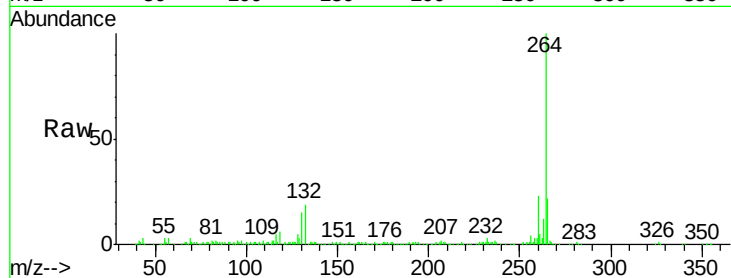




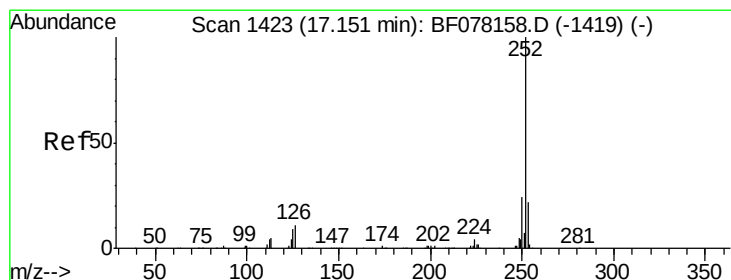
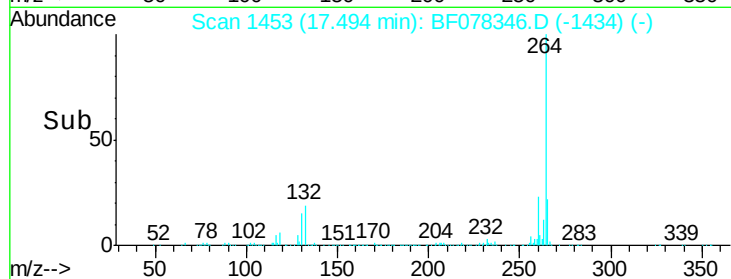
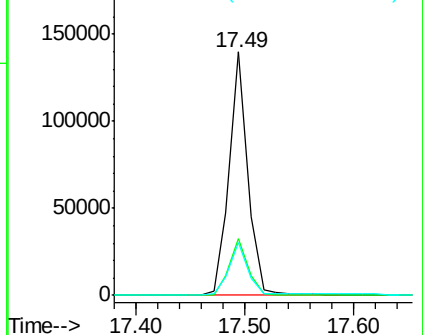
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.08 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Instrument :
BNA_F
ClientSampleId :
SB-6S

Tot Ion:264 Resp: 166680
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.7 17.0 25.6

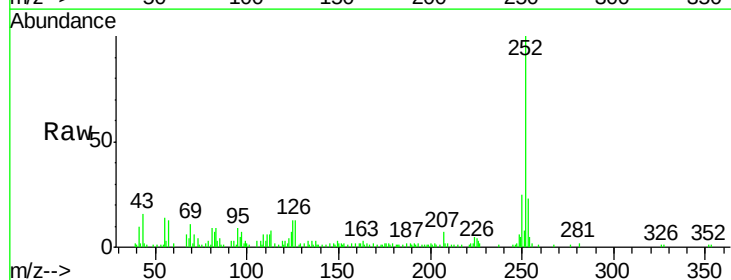


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

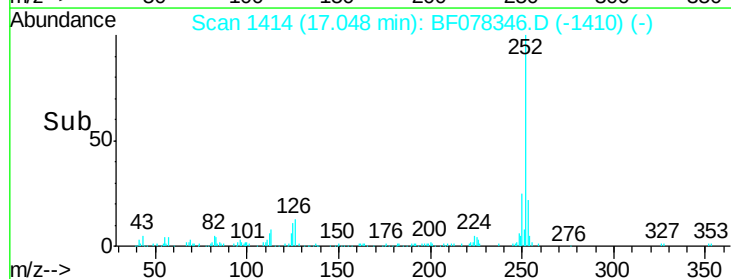
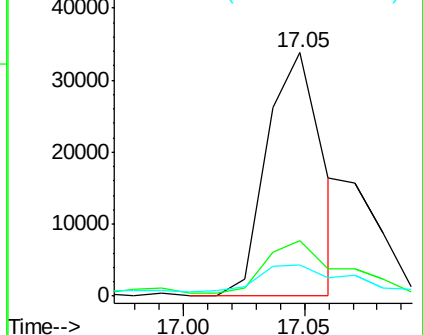


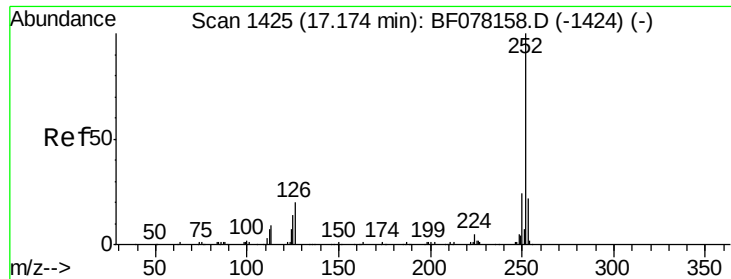
#87
Benzo(b)fluoranthene
Concen: 5.24 ng m
RT: 17.05 min Scan# 1414
Delta R.T. -0.06 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:252 Resp: 54004
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 12.9 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

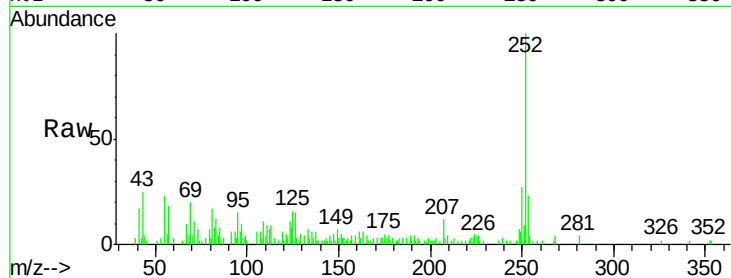




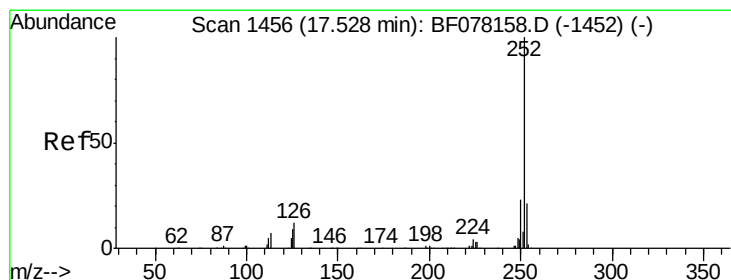
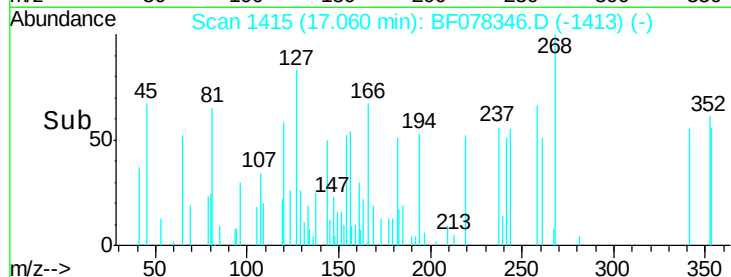
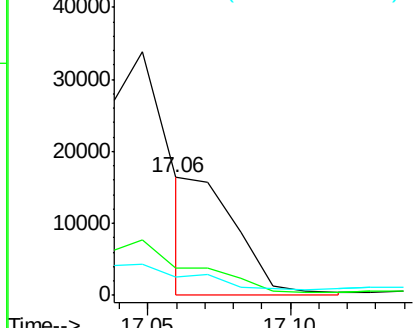
#88
Benzo(k)fluoranthene
Concen: 2.02 ng m
RT: 17.06 min Scan# 1415
Delta R.T. -0.08 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Instrument :
BNA_F
ClientSampled :
SB-6S

Tot Ion:252 Resp: 18486
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 16.0 11.6 17.4

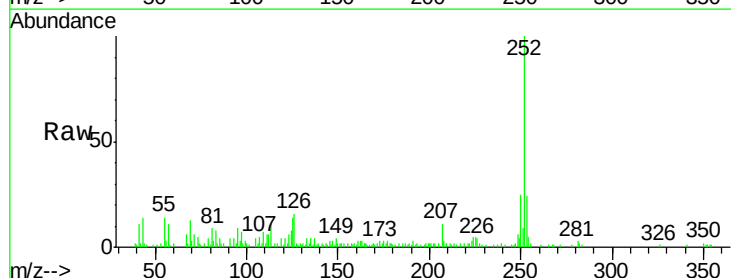


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

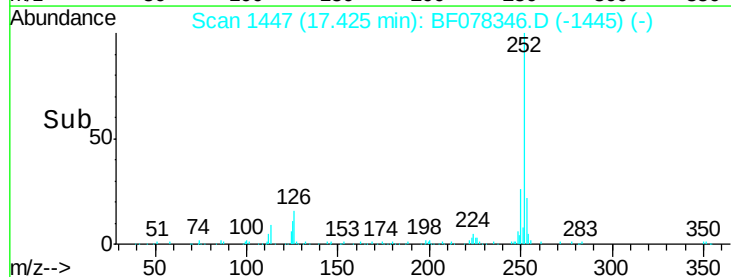
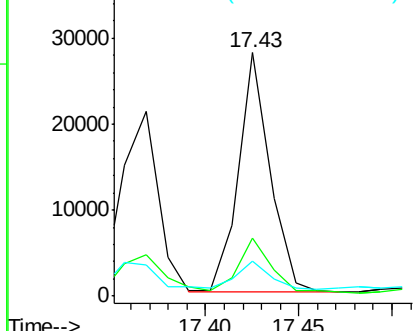


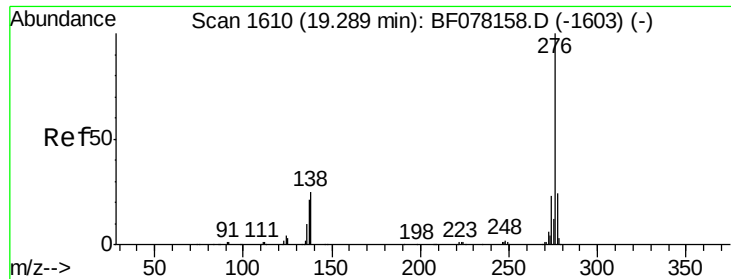
#89
Benzo(a)pyrene
Concen: 3.66 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.08 min
Lab File: BF078346.D
Acq: 8 Apr 2015 21:02

Tgt Ion:252 Resp: 32949
Ion Ratio Lower Upper
252 100
253 23.7 16.8 25.2
125 14.5 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





#91

Benzo(a,h,i)perylene

Concen: 3.17 ng

RT: 19.14 min Scan# 1597

Delta R.T. -0.11 min

Lab File: BF078346.D

Acq: 8 Apr 2015 21:02

Instrument :

BNA_F

ClientSampleId :

SB-6S

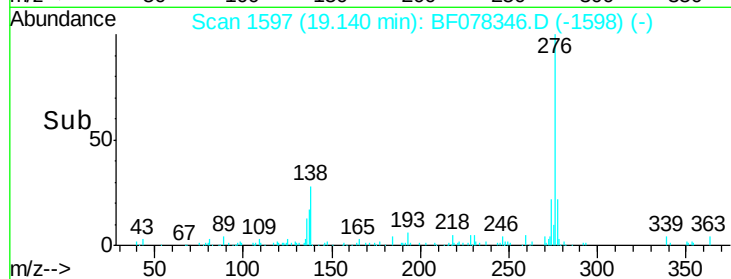
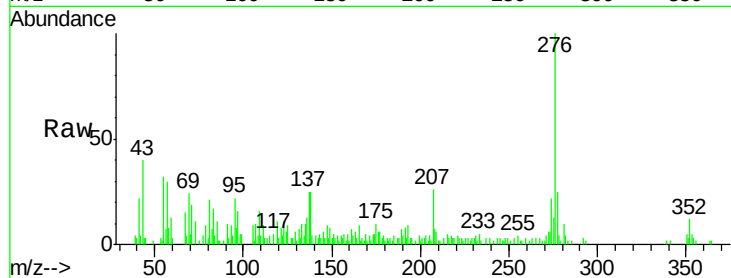
Tot Ion: 276 Resp: 28629

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 24.6 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

