

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078442.D
 Acq On : 11 Apr 2015 14:10
 Operator : TP/IZ
 Sample : G1793-21
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9S

Quant Time: Apr 13 02:23:29 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 11:29:31 2015
 Response via : Initial Calibration

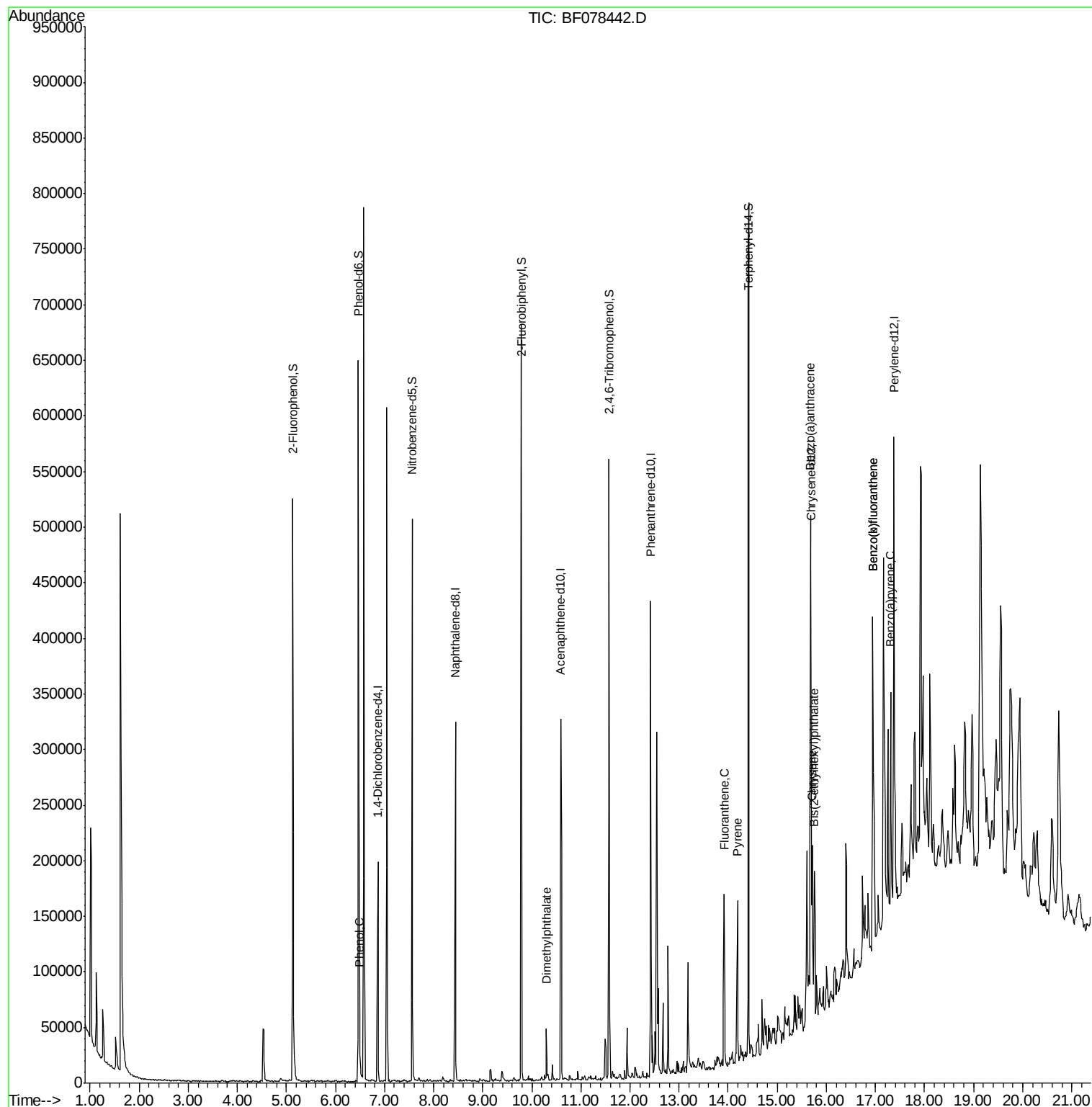
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	38150	20.00	ng	-0.02
21) Naphthalene-d8	8.44	136	166289	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	80796	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	167438	20.00	ng	-0.05
75) Chrysene-d12	15.69	240	190416	20.00	ng	-0.06
86) Perylene-d12	17.38	264	186092	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	203394	87.90	ng	-0.05
7) Phenol-d6	6.46	99	264469	91.20	ng	-0.01
23) Nitrobenzene-d5	7.56	82	155913	56.83	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	70308	104.92	ng	-0.05
44) 2-Fluorobiphenyl	9.79	172	324313	57.38	ng	-0.02
78) Terphenyl-d14	14.42	244	386838	45.91	ng	-0.05
Target Compounds						
10) Phenol	6.49	94	7506	2.16	ng	Qvalue 83
49) Dimethylphthalate	10.29	163	20242	3.33	ng	99
74) Fluoranthene	13.92	202	64221	6.29	ng	94
77) Pyrene	14.19	202	62278	5.21	ng	97
80) Benzo(a)anthracene	15.68	228	73302	6.47	ng	95
82) Chrysene	15.71	228	72329	6.79	ng	98
83) Bis(2-ethylhexyl)phthalate	15.76	149	40340	5.65	ng	# 96
87) Benzo(b)fluoranthene	16.95	252	184006	16.00	ng	# 95
88) Benzo(k)fluoranthene	16.95	252	184670	18.07	ng	97
89) Benzo(a)pyrene	17.31	252	90981	9.06	ng	# 94

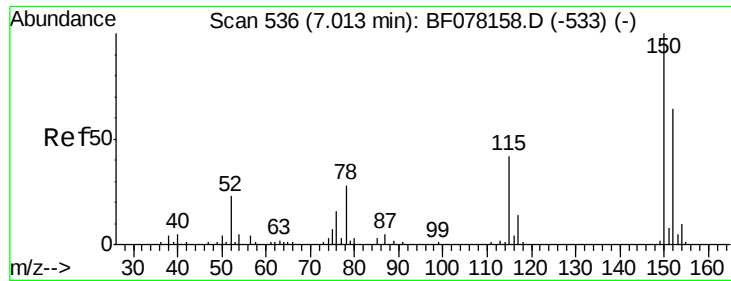
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SB-9S

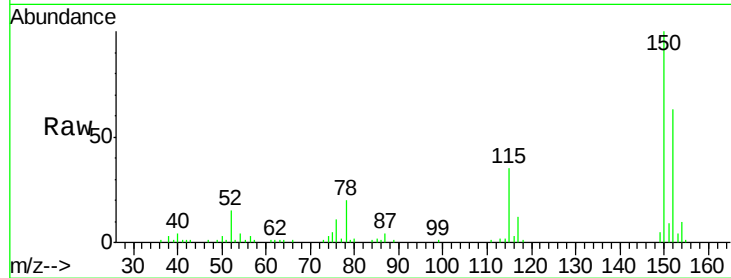
Tgt Ion:152 Resp: 38150

Ion Ratio Lower Upper

152 100

150 158.9 125.9 188.9

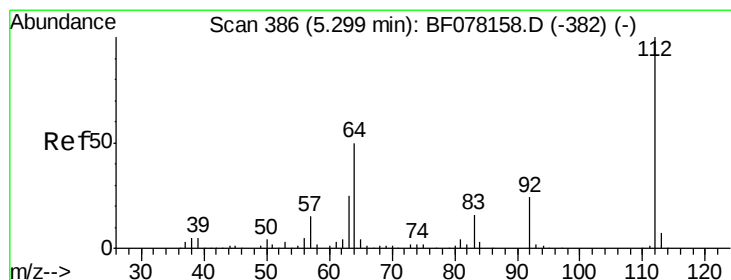
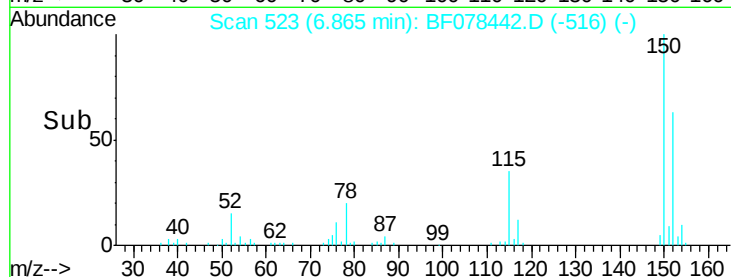
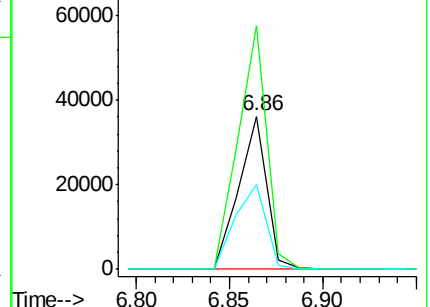
115 55.2 52.7 79.1



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: 87.90 ng

RT: 5.13 min Scan# 371

Delta R.T. -0.05 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

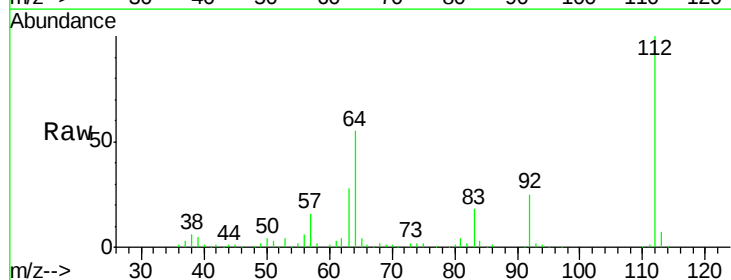
Tgt Ion:112 Resp: 203394

Ion Ratio Lower Upper

112 100

64 54.6 39.9 59.9

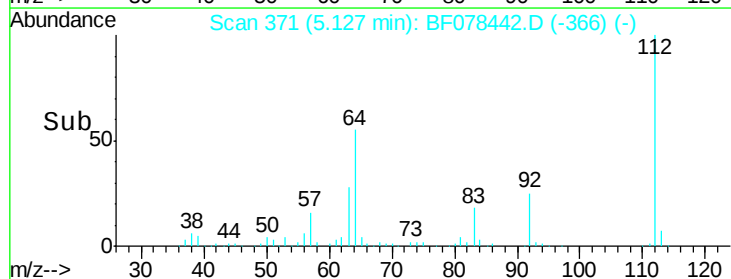
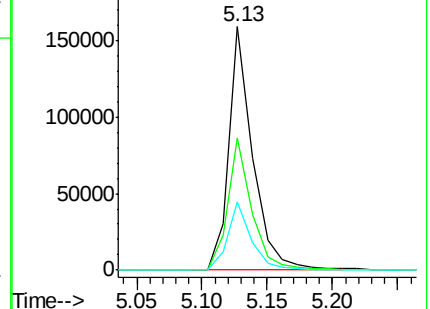
63 28.2 20.2 30.4



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: 91.20 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SB-9S

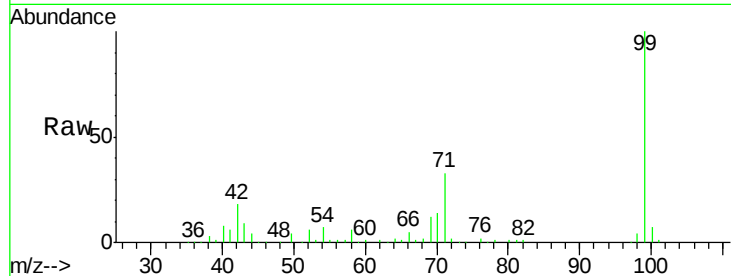
Tgt Ion: 99 Resp: 264469

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

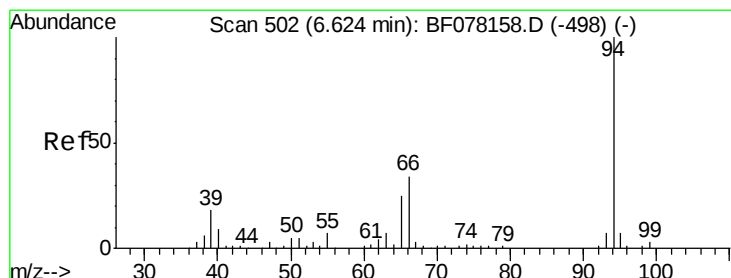
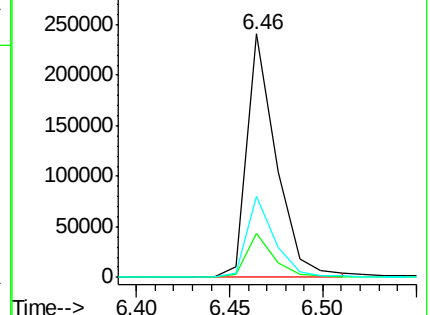
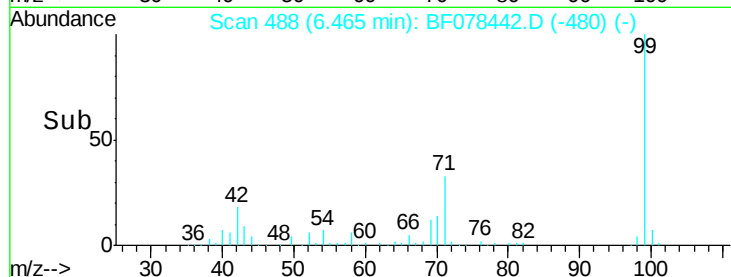
71 33.4 26.6 39.8



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: 2.16 ng

RT: 6.49 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

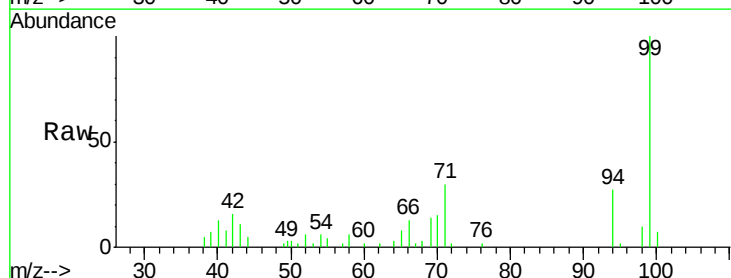
Tgt Ion: 94 Resp: 7506

Ion Ratio Lower Upper

94 100

65 28.0 4.9 44.9

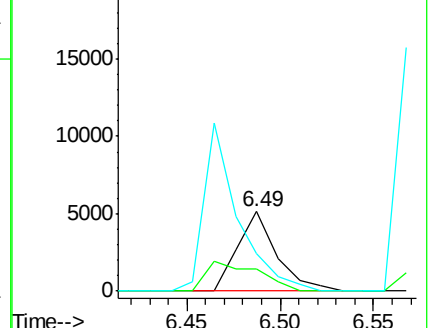
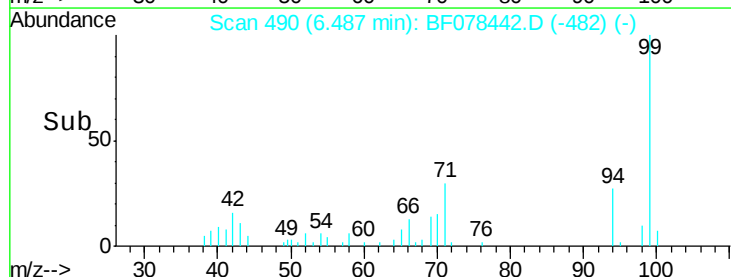
66 47.7 13.8 53.8

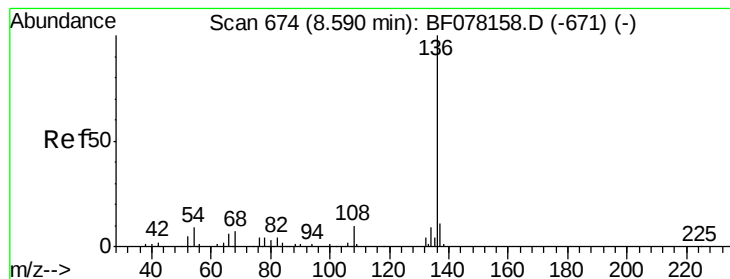


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampled :

SB-9S

Tgt Ion:136 Resp: 166289

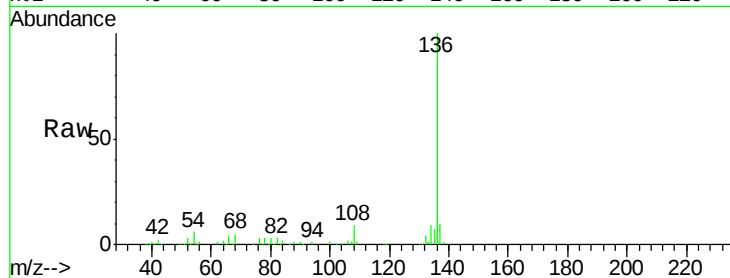
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.9 7.0 10.6#

68 4.9 5.4 8.2#

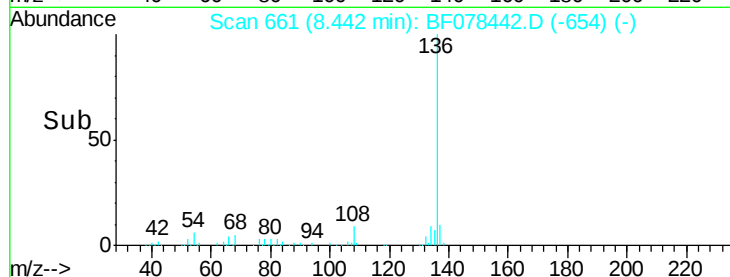


Abundance Ion 136.00 (135.70 to 136.70): E

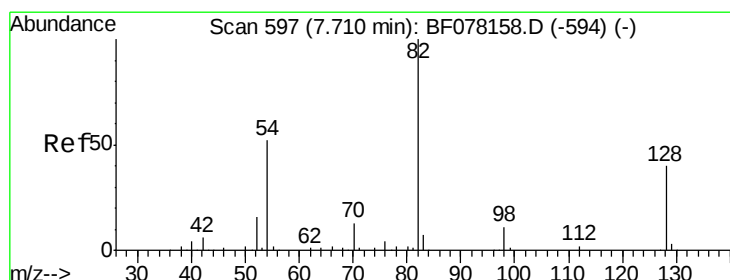
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 56.83 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

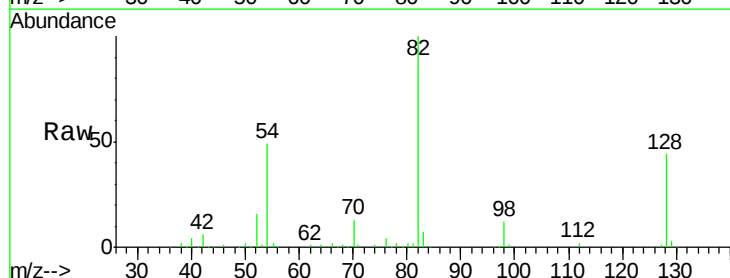
Tgt Ion: 82 Resp: 155913

Ion Ratio Lower Upper

82 100

128 44.4 31.8 47.8

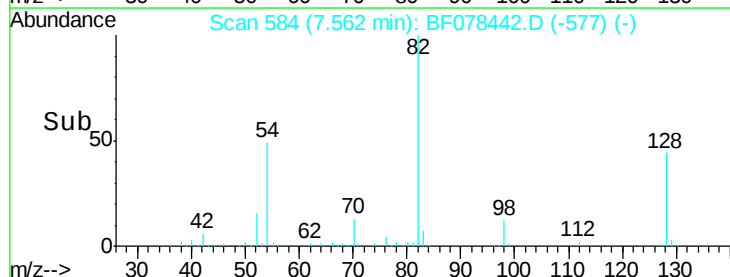
54 49.3 41.5 62.3



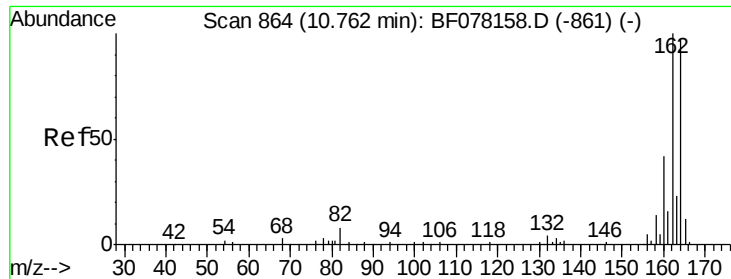
Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.59 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SB-9S

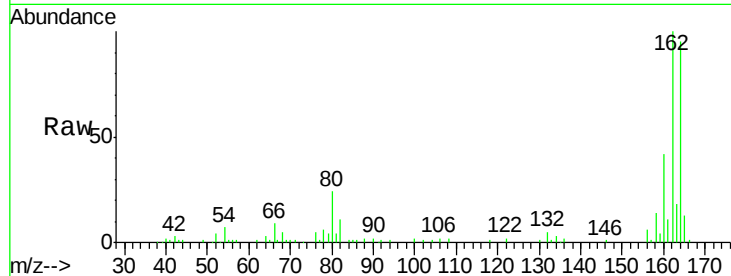
Tgt Ion:164 Resp: 80796

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.2

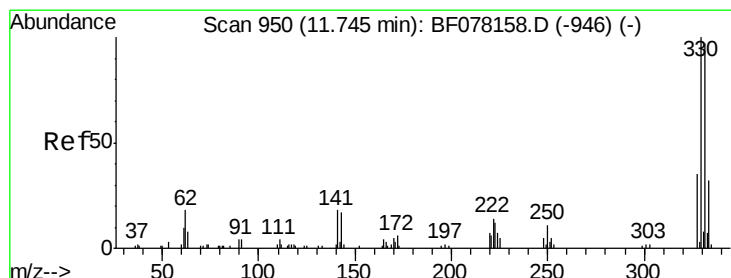
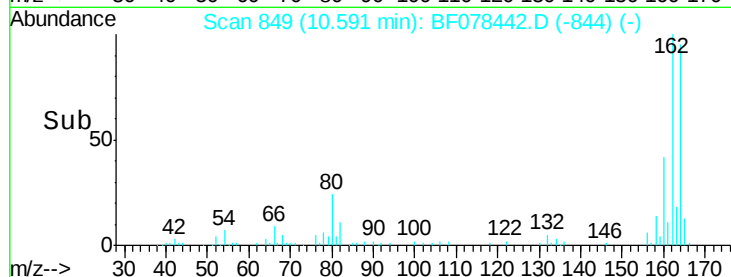
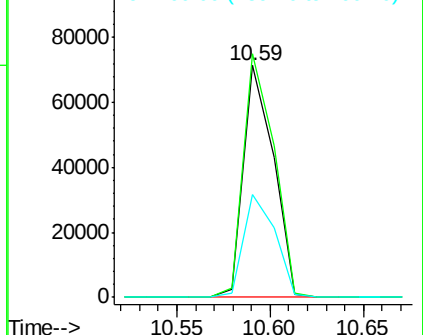
160 44.3 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.92 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

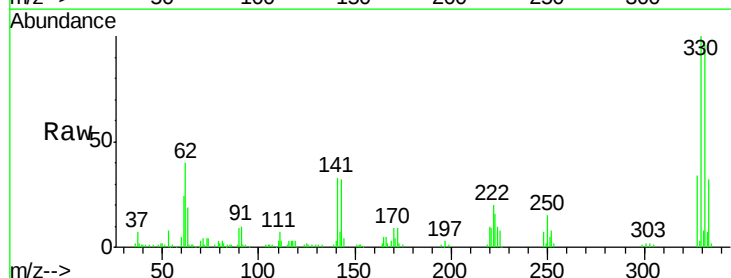
Tgt Ion:330 Resp: 70308

Ion Ratio Lower Upper

330 100

332 95.7 78.6 117.8

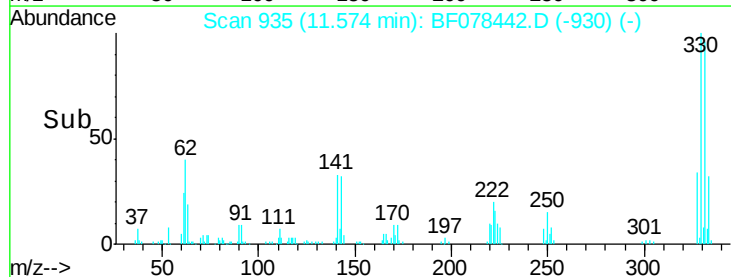
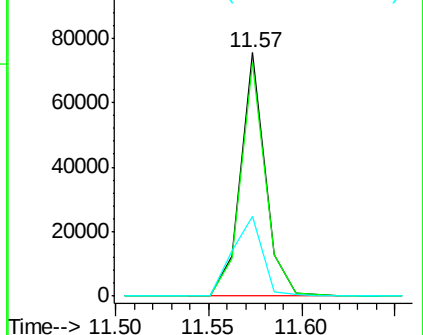
141 39.7 31.2 46.8



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

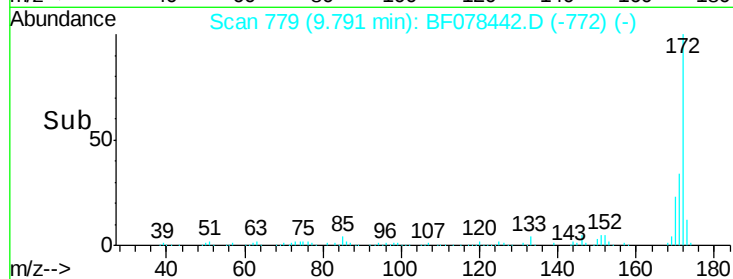
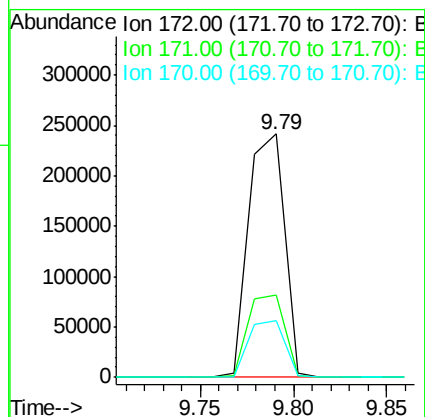
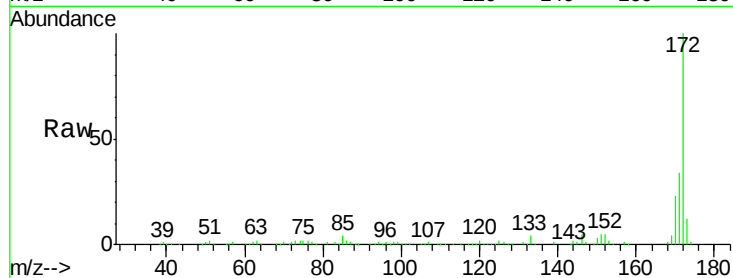




#44
 2-Fluorobiphenyl
 Concen: 57.38 ng
 RT: 9.79 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

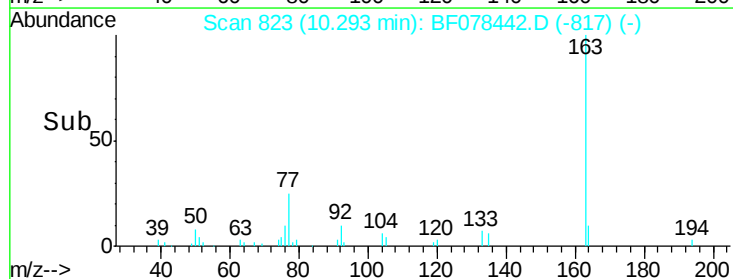
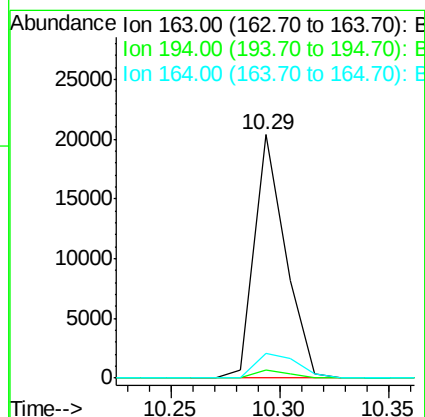
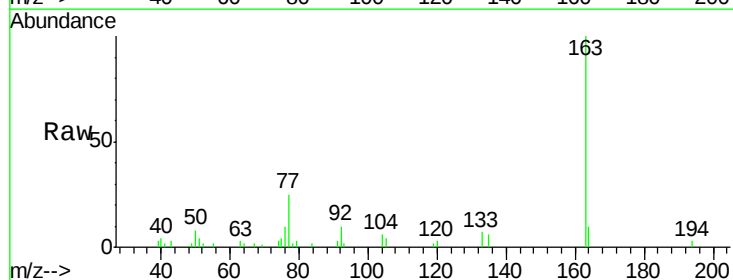
Instrument :
 BNA_F
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 SB-9S

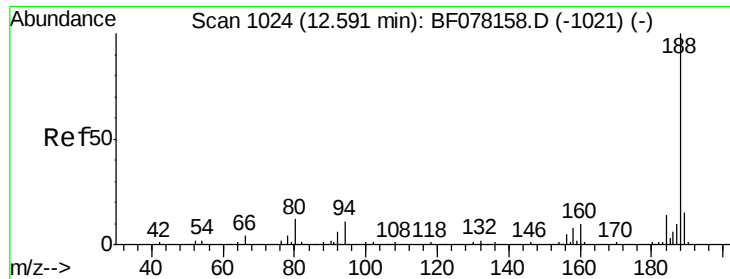
Tgt Ion:172 Resp: 324313
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.6 42.8
 170 23.3 18.5 27.7



#49
 Dimethylphthalate
 Concen: 3.33 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF078442.D
 Acq: 11 Apr 2015 14:10

Tgt Ion:163 Resp: 20242
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.3 3.5
 164 10.4 8.6 13.0

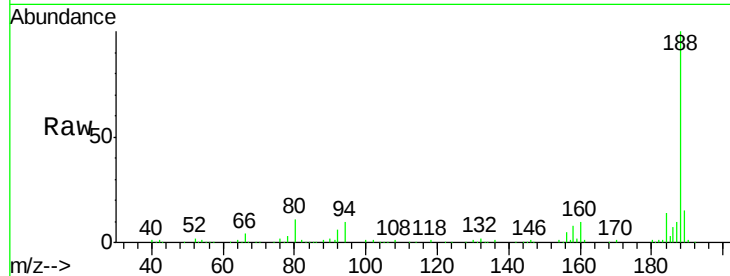




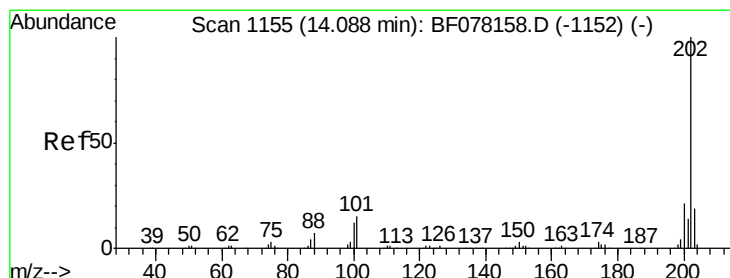
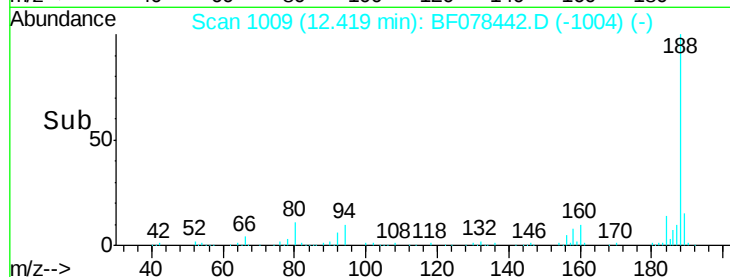
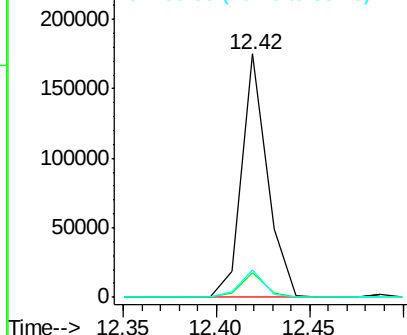
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion:188 Resp: 167438
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 11.3 9.5 14.3

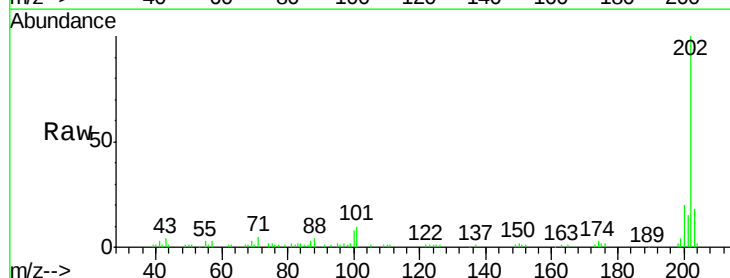


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

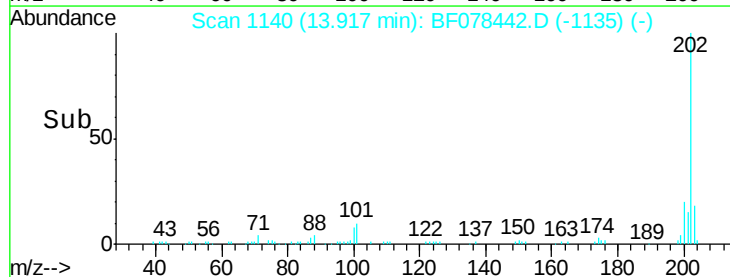
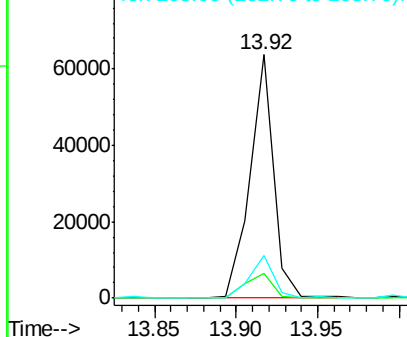


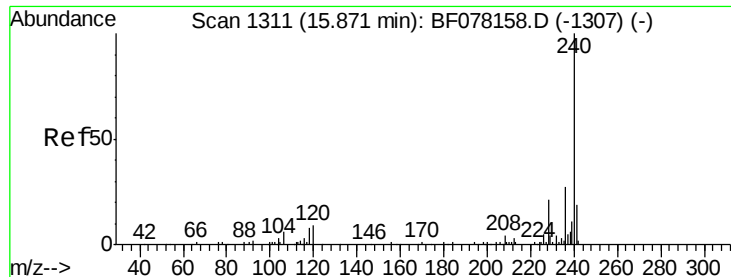
#74
Fluoranthene
Concen: 6.29 ng
RT: 13.92 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion:202 Resp: 64221
Ion Ratio Lower Upper
202 100
101 10.3 0.0 35.2
203 17.7 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

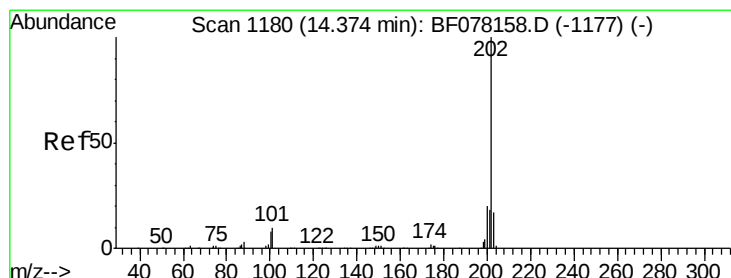
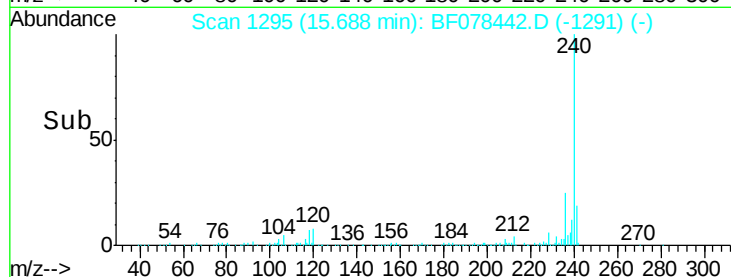
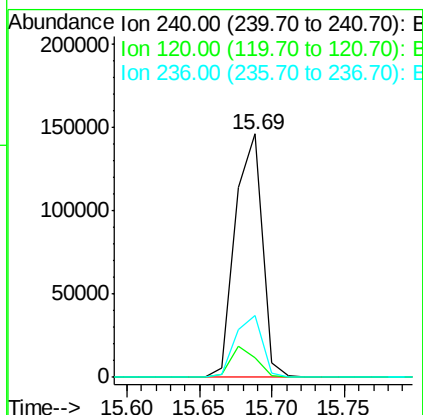
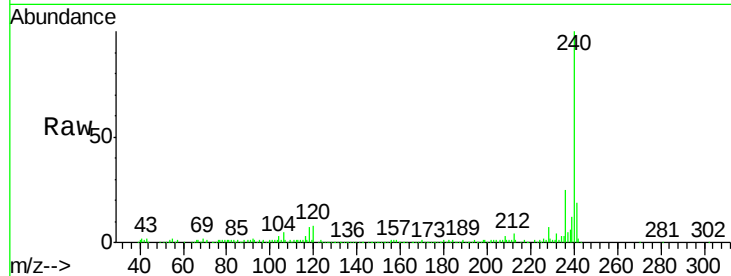




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

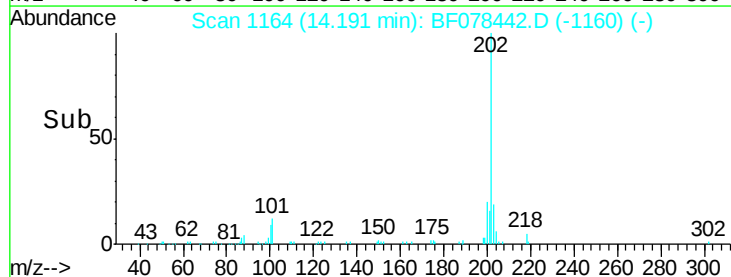
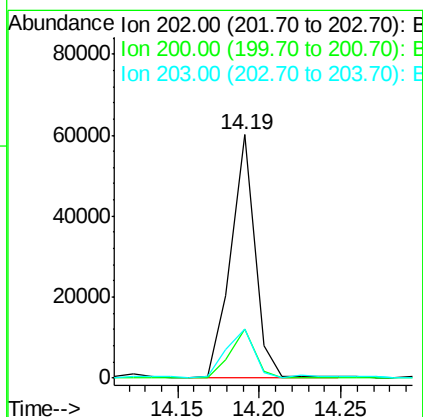
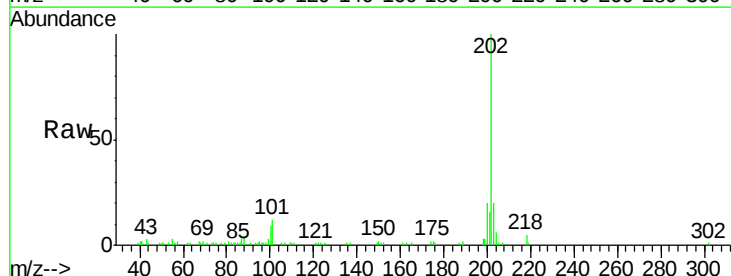
Instrument :
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SB-9S

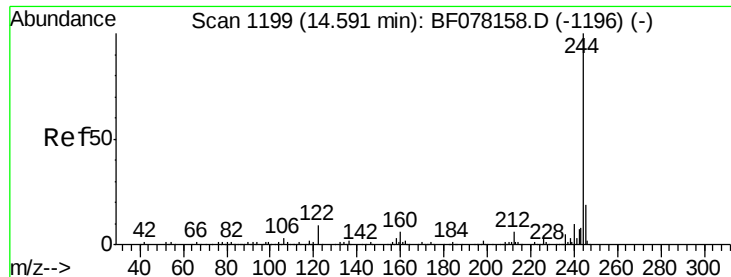
Tgt Ion:240 Resp: 190416
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.3 21.4 32.2



#77
Pyrene
Concen: 5.21 ng
RT: 14.19 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion:202 Resp: 62278
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 20.0 13.8 20.6





#78

Terphenyl-d14

Concen: 45.91 ng

RT: 14.42 min Scan# 1184

Delta R.T. -0.05 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SB-9S

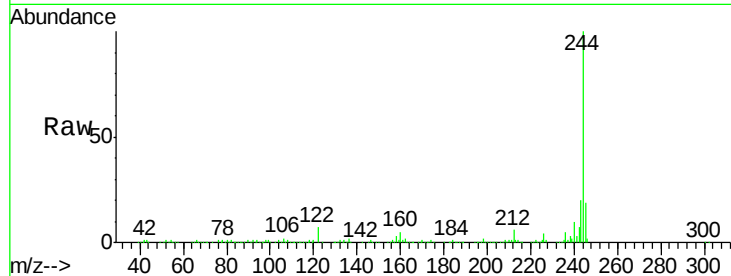
Tgt Ion:244 Resp: 386838

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

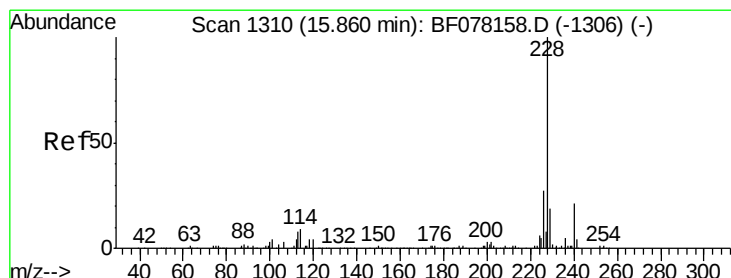
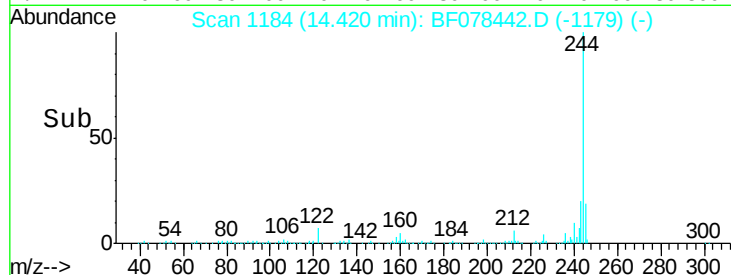
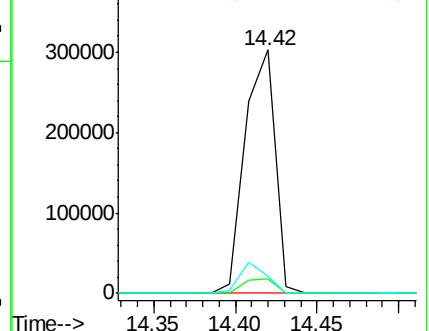
122 7.2 7.1 10.7



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: 6.47 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.06 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

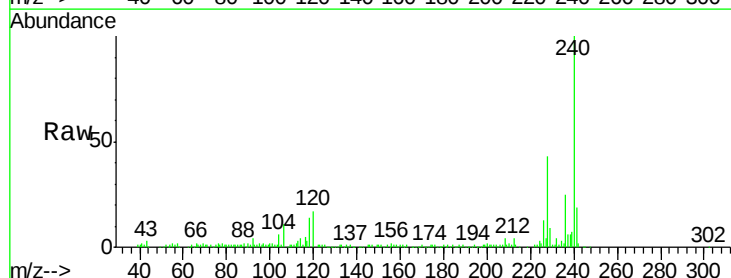
Tgt Ion:228 Resp: 73302

Ion Ratio Lower Upper

228 100

226 29.5 21.3 31.9

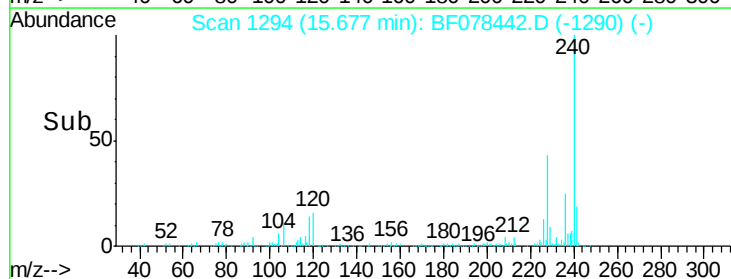
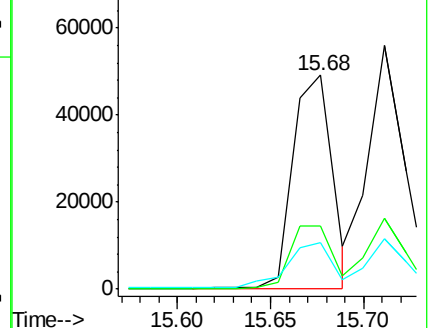
229 21.7 15.4 23.2

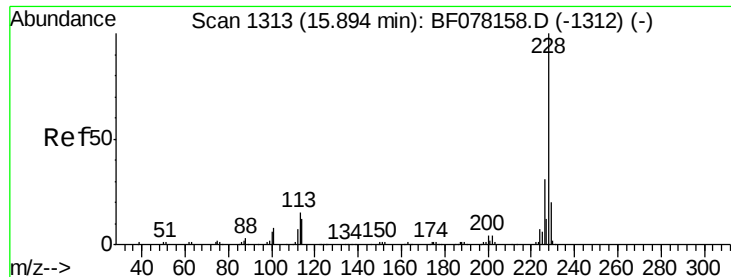


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 6.79 ng

RT: 15.71 min Scan# 1297

Delta R.T. -0.06 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

Instrument :

BNA_F

ClientSampleId :

SB-9S

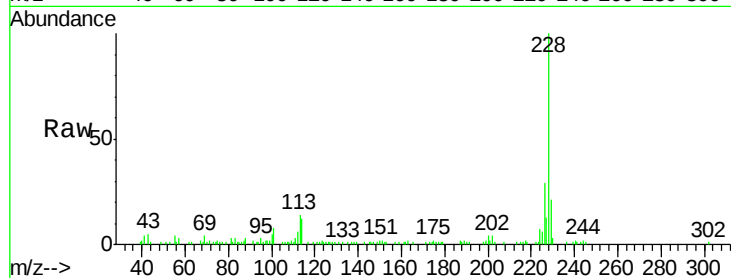
Tgt Ion:228 Resp: 72329

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.4

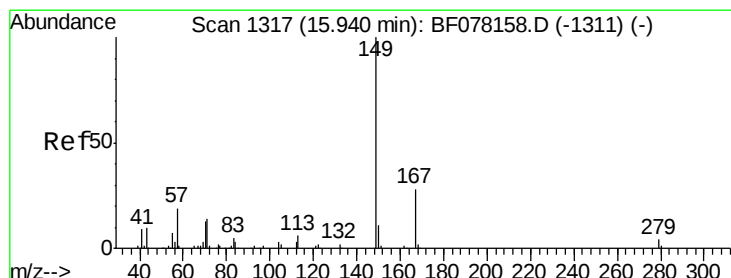
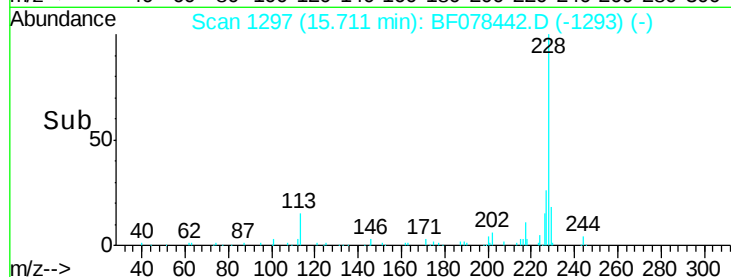
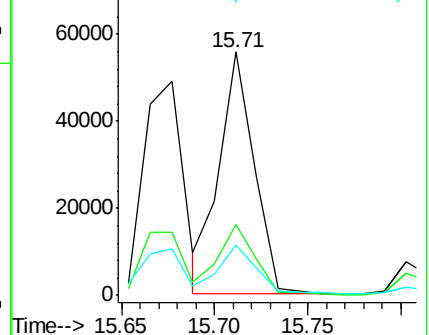
229 20.7 15.8 23.8



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: 5.65 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF078442.D

Acq: 11 Apr 2015 14:10

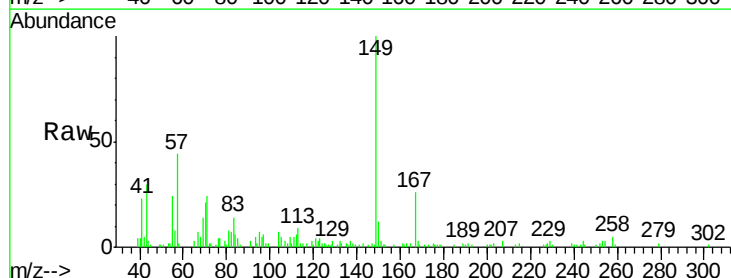
Tgt Ion:149 Resp: 40340

Ion Ratio Lower Upper

149 100

167 25.5 22.2 33.2

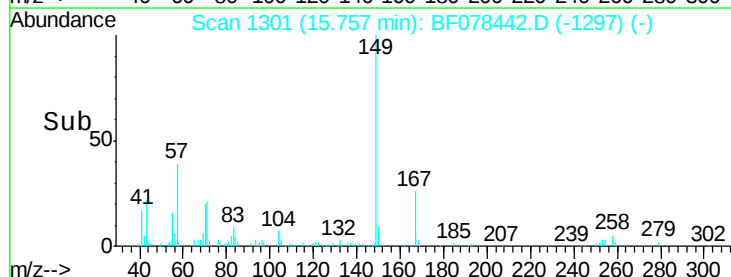
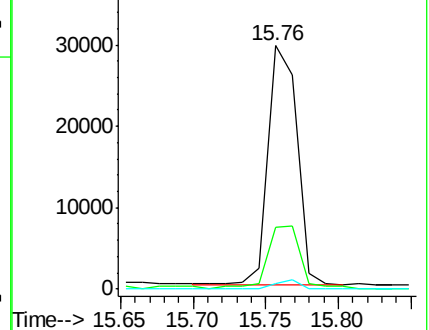
279 2.4 3.2 4.8#

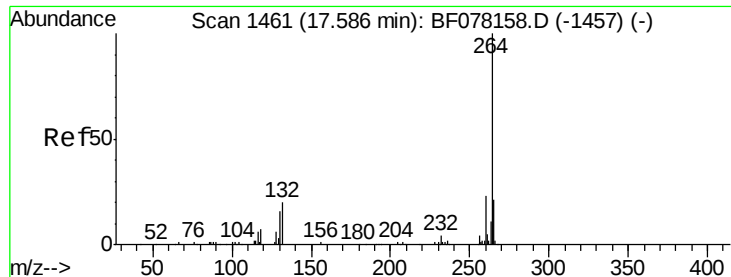


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

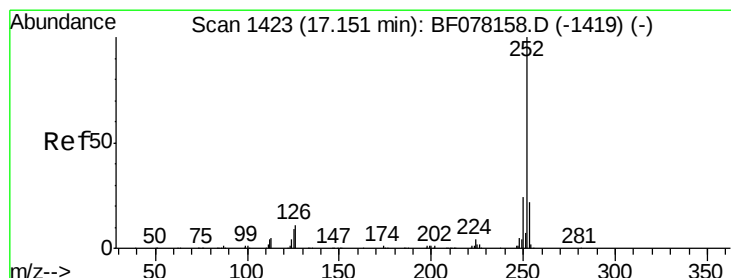
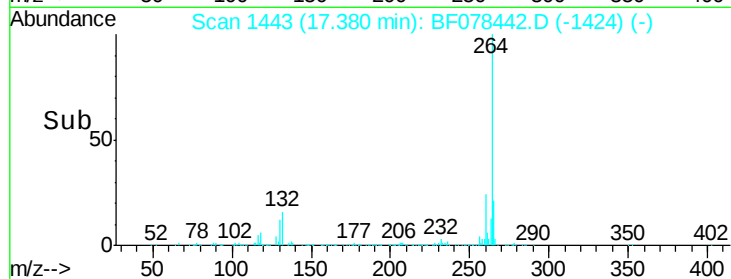
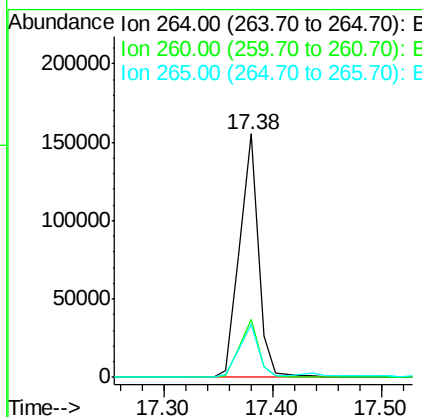
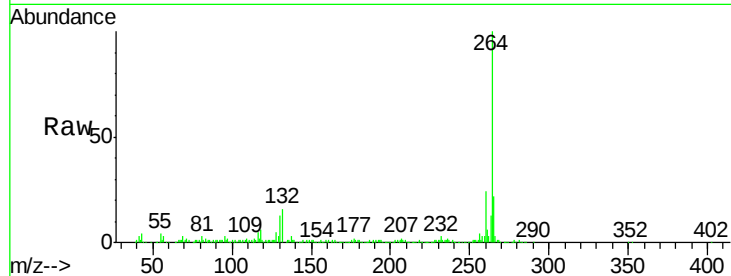




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.08 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

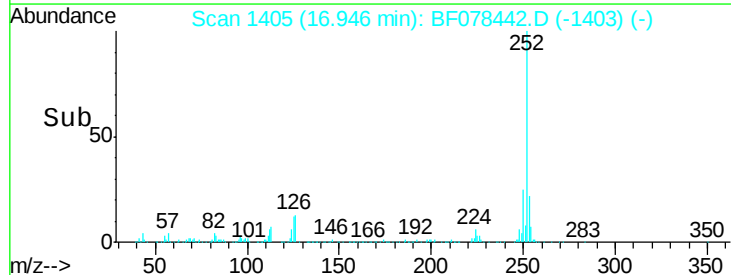
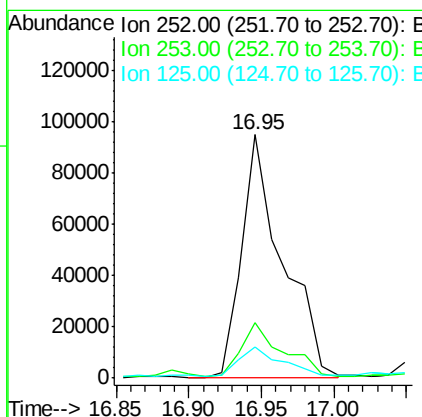
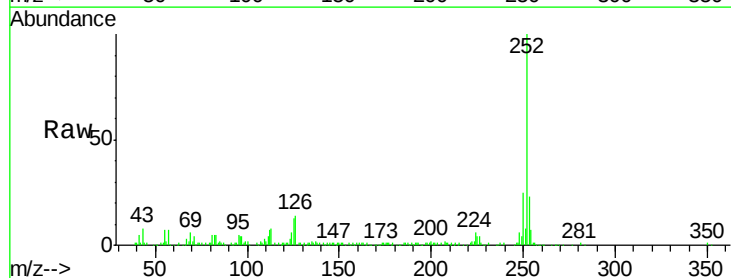
Instrument :
BNA_F
ClientSampleId :
SB-9S

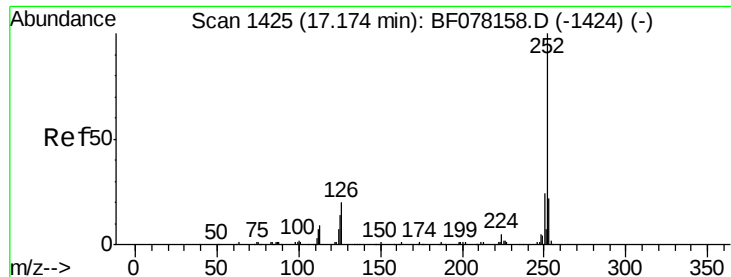
Tgt Ion: 264 Resp: 186092
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.7 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 16.00 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.08 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion: 252 Resp: 184006
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 12.6 7.0 10.4#

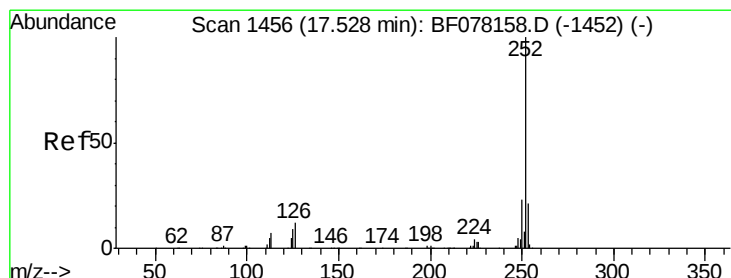
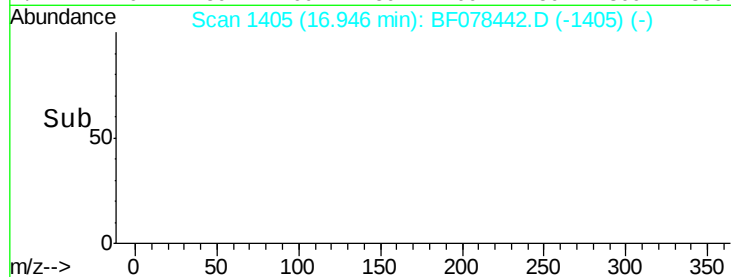
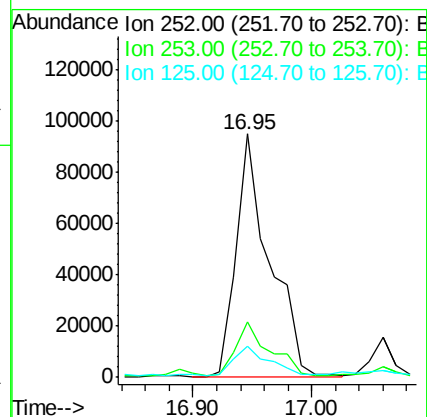
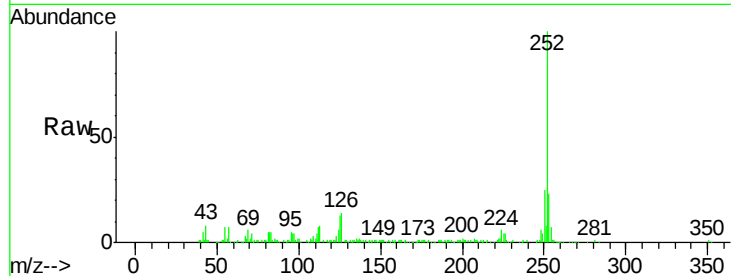




#88
Benzo(k)fluoranthene
Concen: 18.07 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.10 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Instrument :
BNA_F
ClientSampleId :
SB-9S

Tgt Ion:252 Resp: 184670
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 12.6 11.6 17.4



#89
Benzo(a)pyrene
Concen: 9.06 ng
RT: 17.31 min Scan# 1437
Delta R.T. -0.09 min
Lab File: BF078442.D
Acq: 11 Apr 2015 14:10

Tgt Ion:252 Resp: 90981
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 13.5 7.4 11.0#

