

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
 Data File : BF079242.D
 Acq On : 14 May 2015 19:56
 Operator : TP/IZ
 Sample : G2246-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Quant Time: May 15 01:13:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 00:55:32 2015
 Response via : Initial Calibration

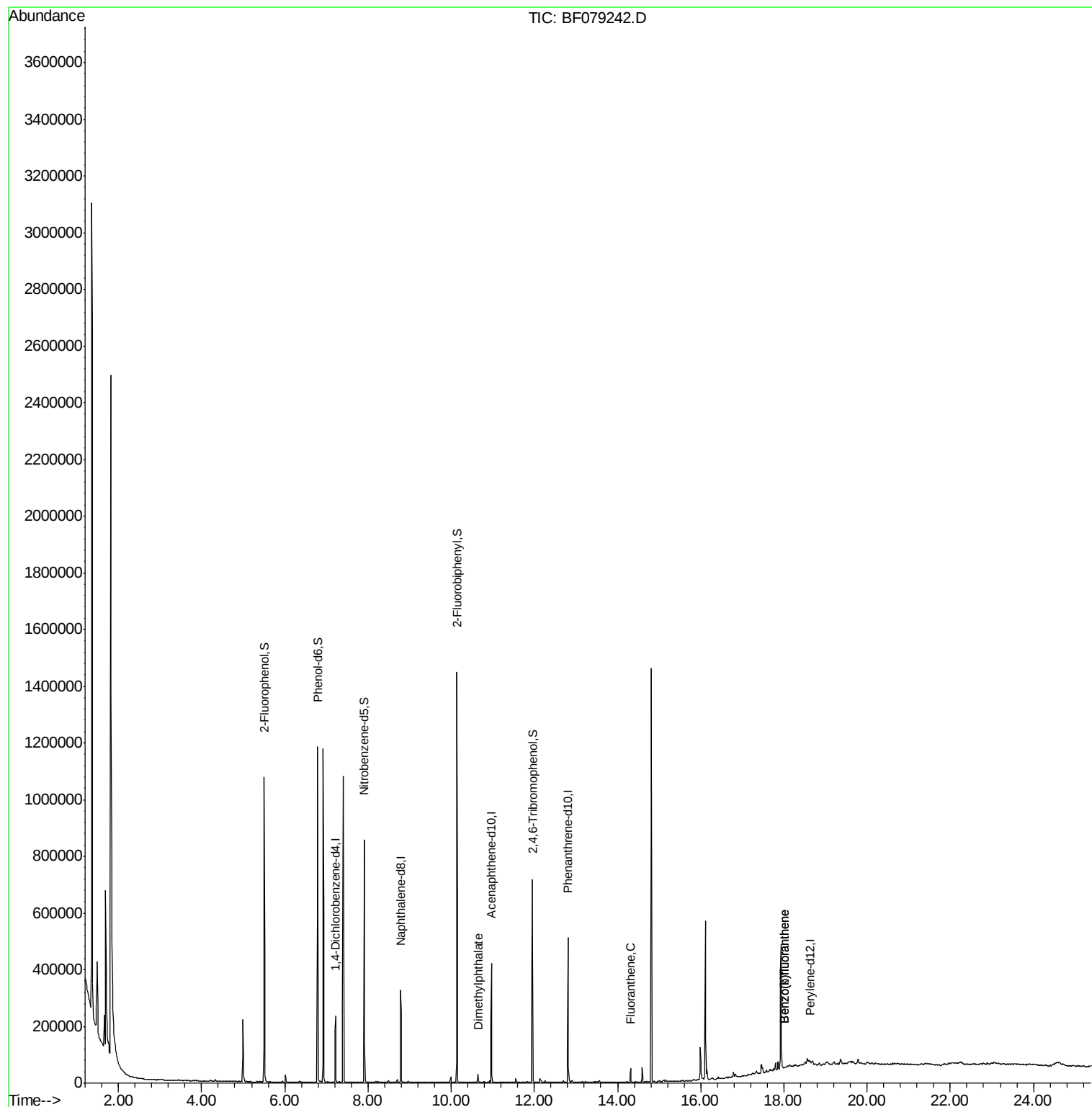
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	49585	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	201812	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	100691	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	188205	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.50
86) Perylene-d12	18.63	264	250	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	347262	120.55	ng	0.00
7) Phenol-d6	6.79	99	483176	126.90	ng	0.00
23) Nitrobenzene-d5	7.91	82	257888	73.44	ng	-0.01
41) 2,4,6-Tribromophenol	11.95	330	133952	122.97	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	505995	70.01	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
49) Dimethylphthalate	10.65	163	18185	2.46	ng	# 99
74) Fluoranthene	14.32	202	25896	2.36	ng	92
87) Benzo(b)fluoranthene	18.01	252	221	16.15	ng	# 1
88) Benzo(k)fluoranthene	18.01	252	221	16.68	ng	# 1

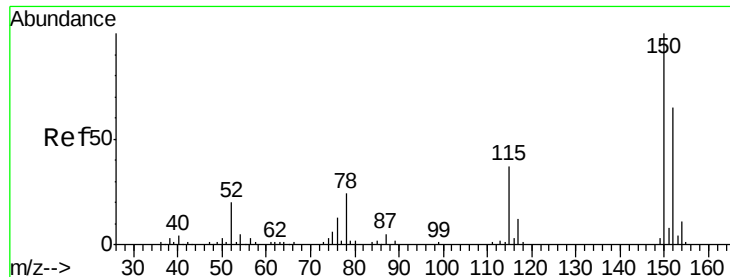
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051415\
Data File : BF079242.D
Acq On : 14 May 2015 19:56
Operator : TP/IZ
Sample : G2246-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-16

Quant Time: May 15 01:13:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 00:55:32 2015
Response via : Initial Calibration



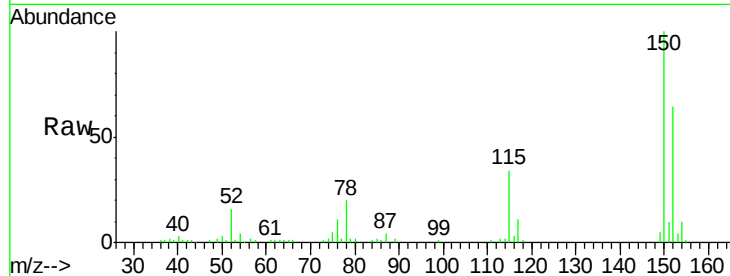


#1

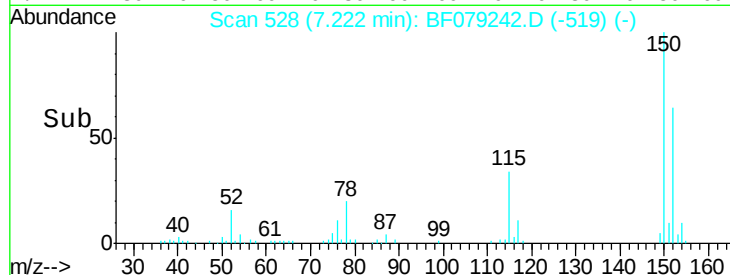
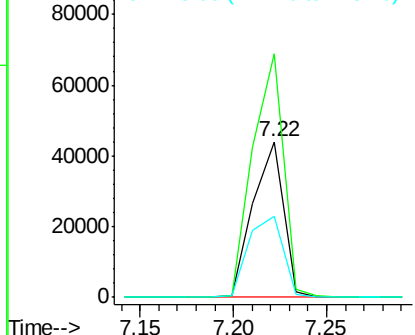
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079242.D
Acq: 14 May 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion:152 Resp: 49585
Ion Ratio Lower Upper
152 100
150 156.5 122.0 183.0
115 52.5 46.3 69.5



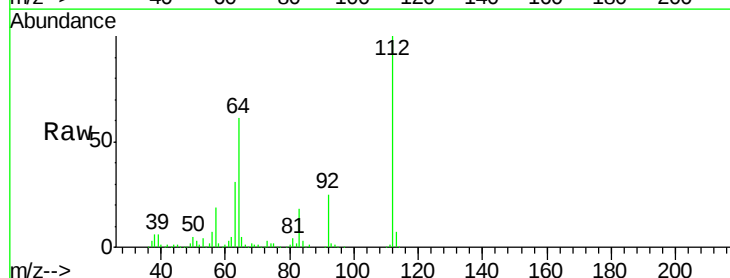
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



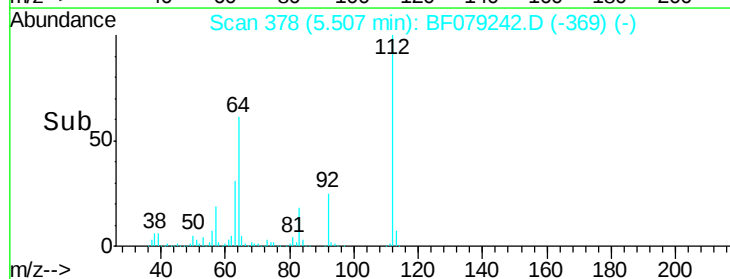
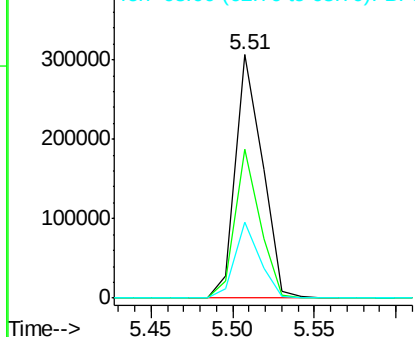
#5

2-Fluorophenol
Concen: 120.55 ng
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079242.D
Acq: 14 May 2015 19:56

Tgt Ion:112 Resp: 347262
Ion Ratio Lower Upper
112 100
64 61.3 53.5 80.3
63 31.3 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: 126.90 ng

RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-16

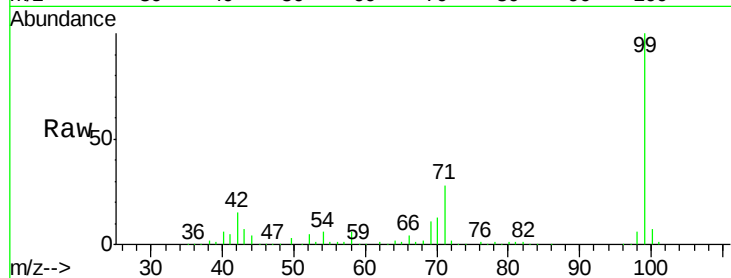
Tgt Ion: 99 Resp: 483176

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

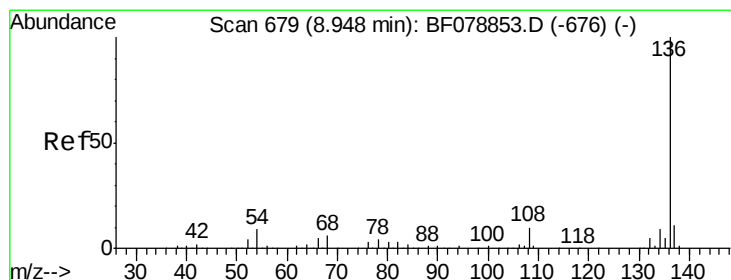
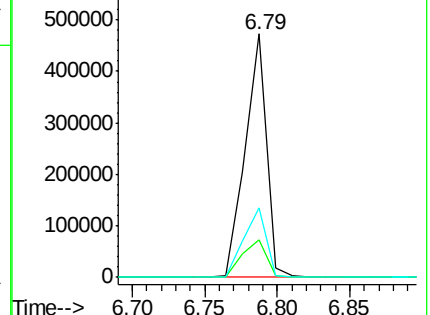
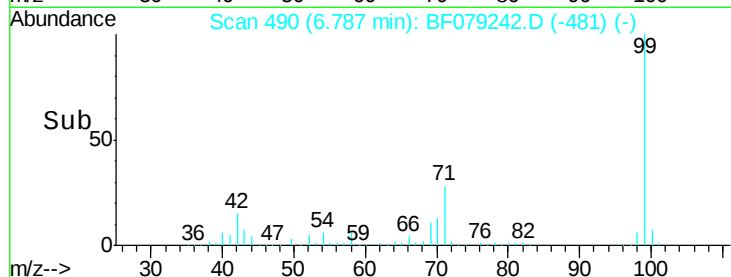
71 28.4 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Tgt Ion: 136 Resp: 201812

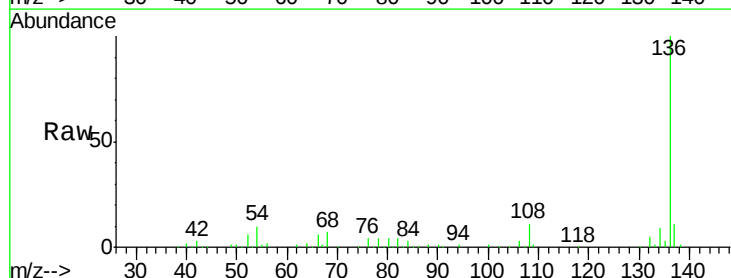
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.3 5.8 8.8#

68 7.2 4.2 6.4#

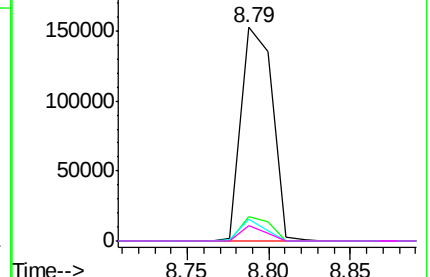
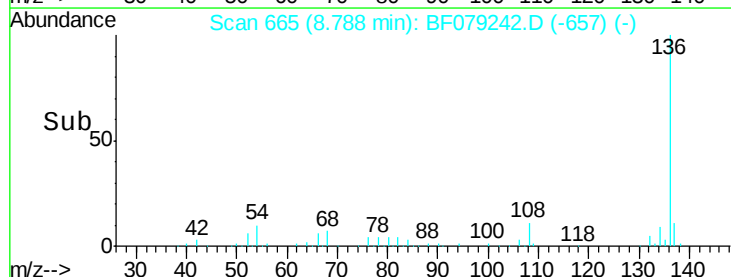


Abundance Ion 136.00 (135.70 to 136.70): E

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

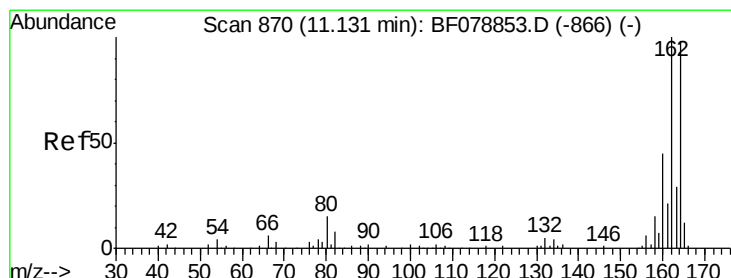
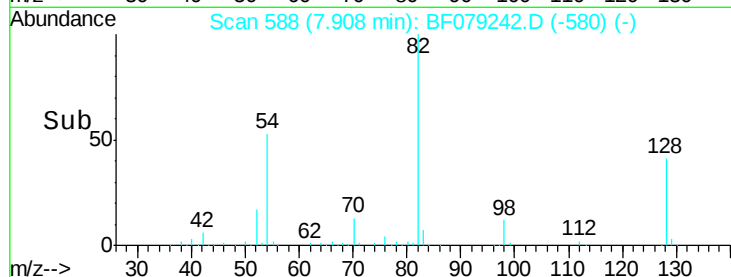
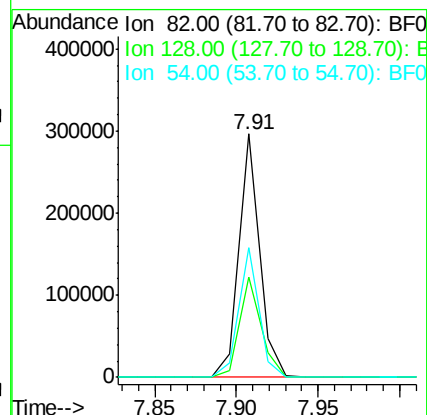
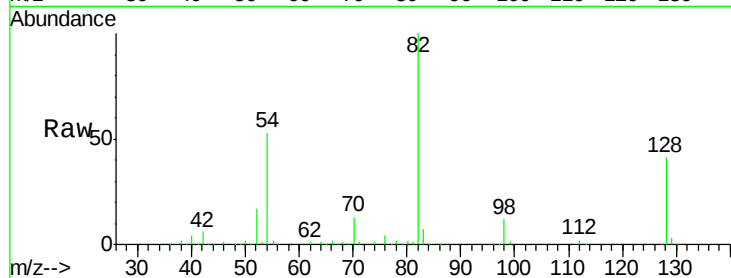




#23
 Nitrobenzene-d5
 Concen: 73.44 ng
 RT: 7.91 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

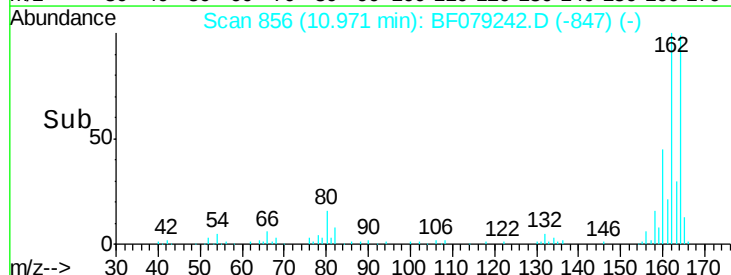
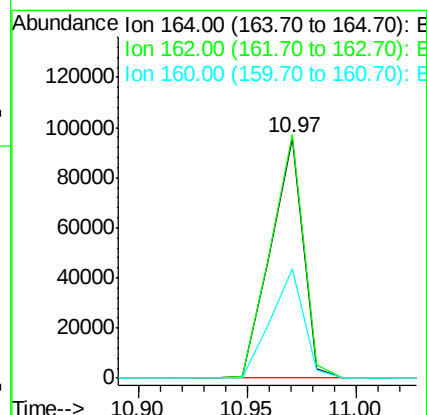
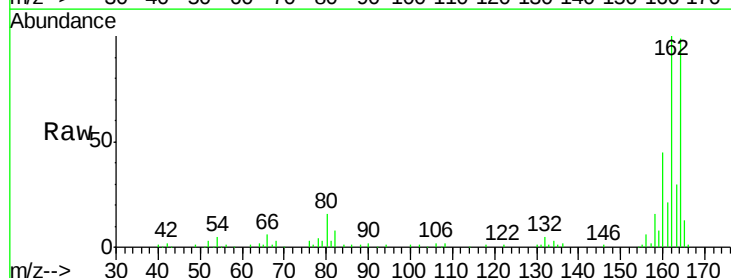
Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Tgt Ion: 82 Resp: 257888
 Ion Ratio Lower Upper
 82 100
 128 41.0 30.0 45.0
 54 53.4 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Tgt Ion: 164 Resp: 100691
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.7 124.1
 160 45.4 35.8 53.8

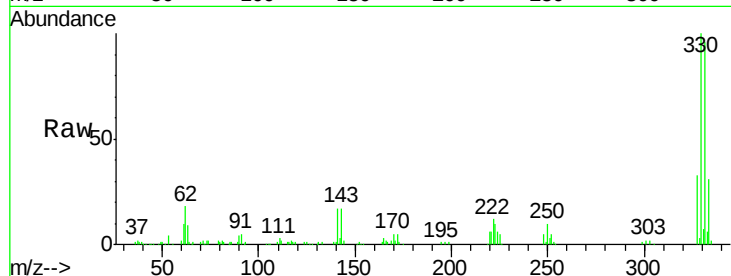




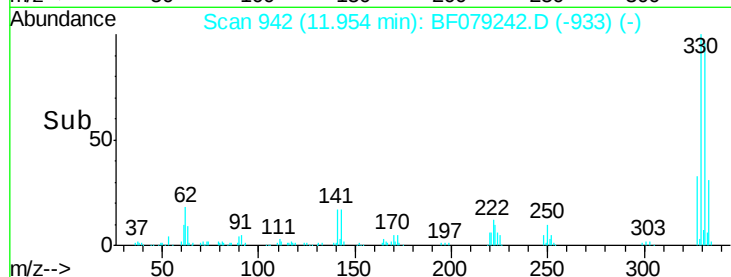
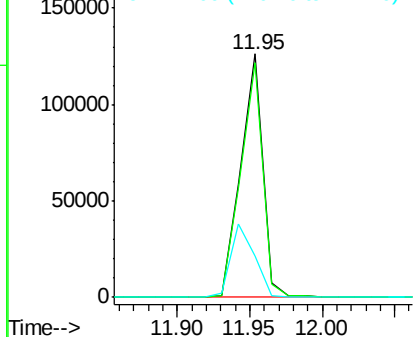
#41
 2,4,6-Tribromophenol
 Concen: 122.97 ng
 RT: 11.95 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Tgt Ion:330 Resp: 133952
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 32.4 0.0 0.0#

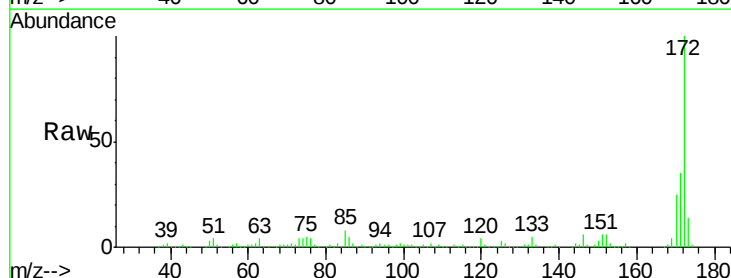


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

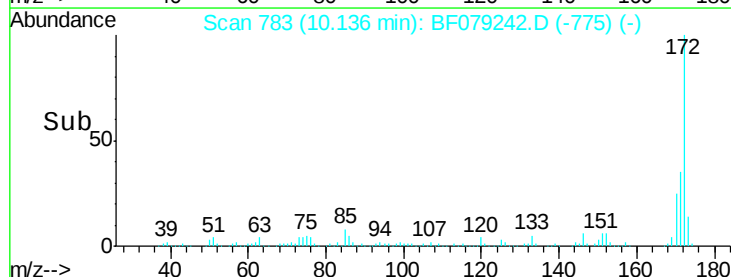
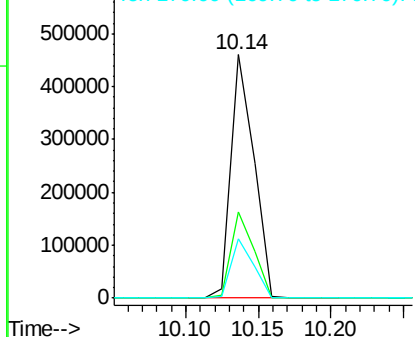


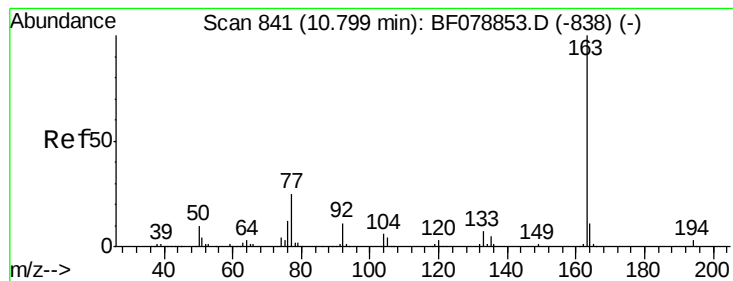
#44
 2-Fluorobiphenyl
 Concen: 70.01 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Tgt Ion:172 Resp: 505995
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.9 41.9
 170 24.6 19.4 29.0



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: 2.46 ng

RT: 10.65 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-16

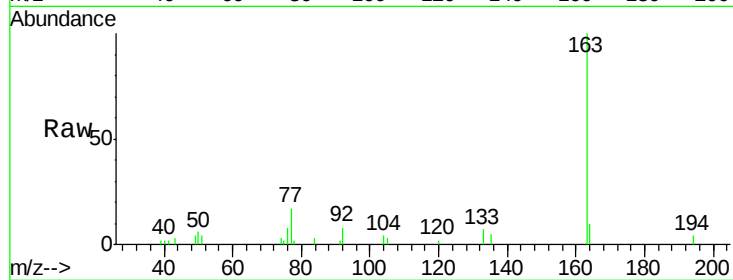
Tgt Ion:163 Resp: 18185

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

164 10.4 8.1 12.1



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

10.65

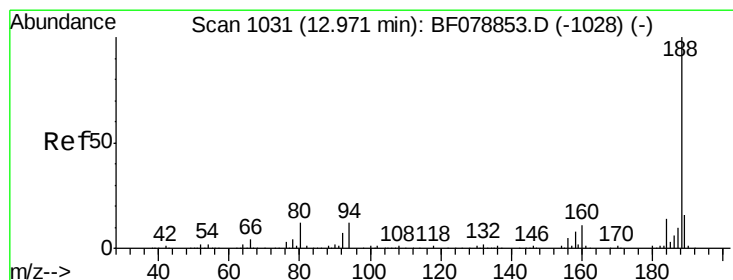
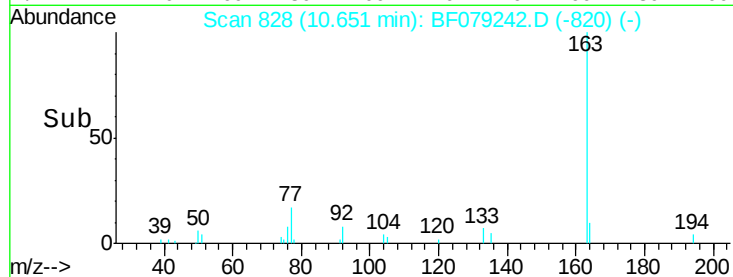
15000

10000

5000

0

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

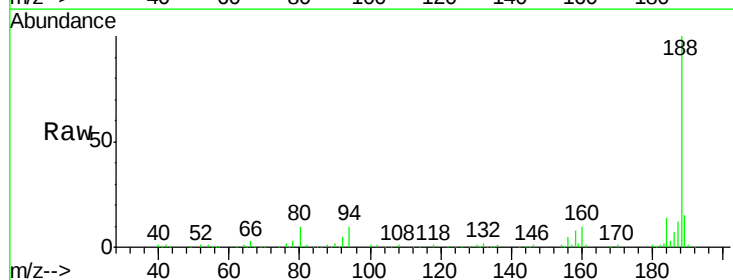
Tgt Ion:188 Resp: 188205

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 9.5 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

12.81

250000

200000

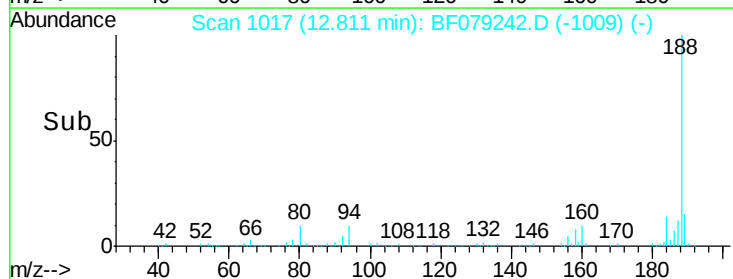
150000

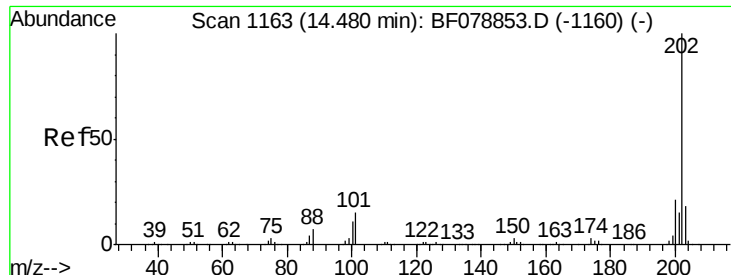
100000

50000

0

Time-->

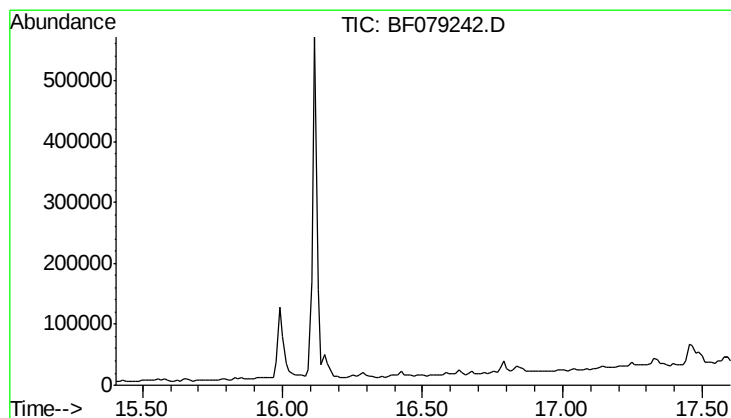
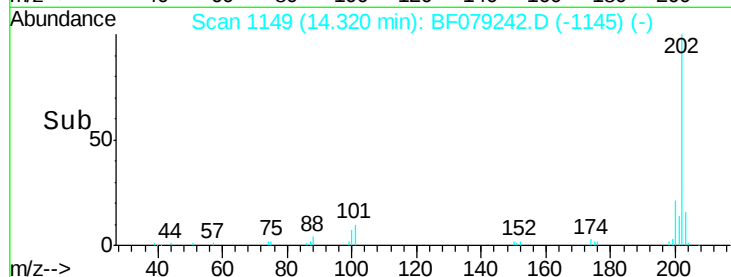
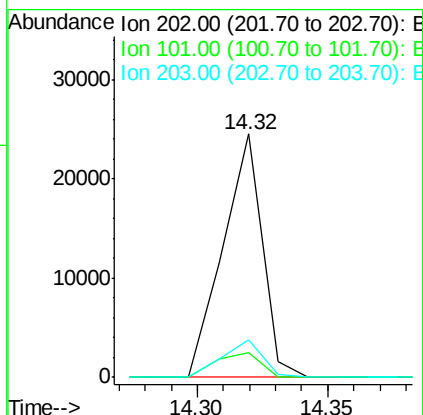
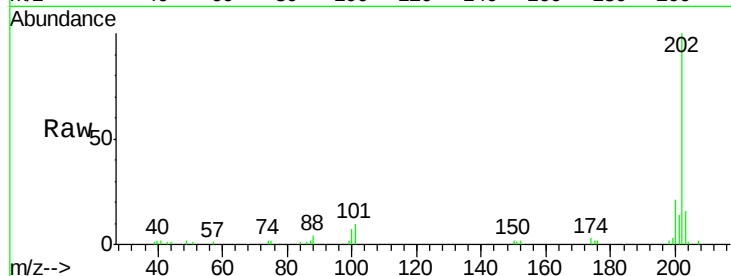




#74
 Fluoranthene
 Concen: 2.36 ng
 RT: 14.32 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

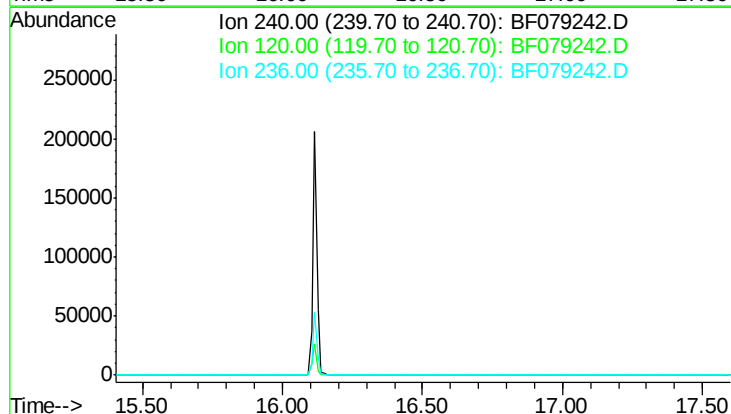
Instrument :
 BNA_F
 ClientSampleId :
 SB-16

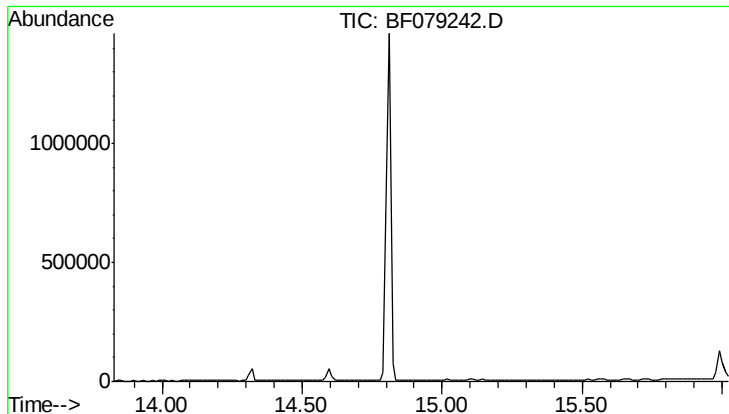
Tgt Ion: 202 Resp: 25896
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 34.6
 203 15.6 0.0 38.4



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 16.50 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 12.1
 236 25.3



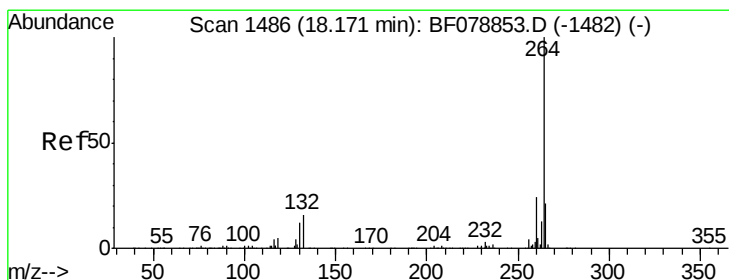
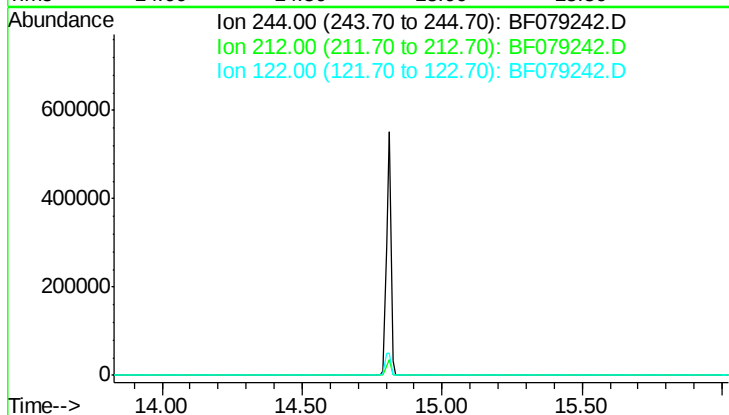


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Tgt Ion: 244

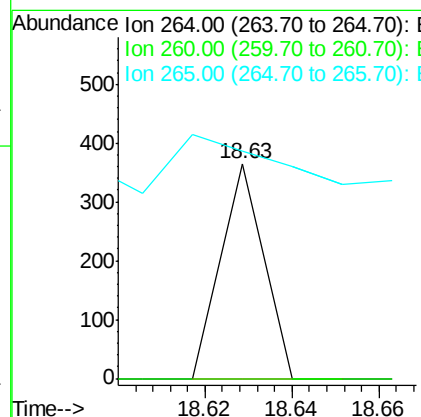
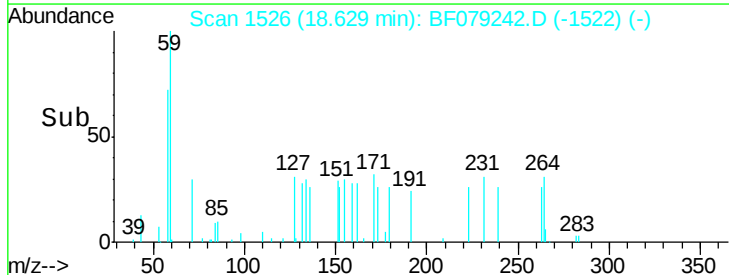
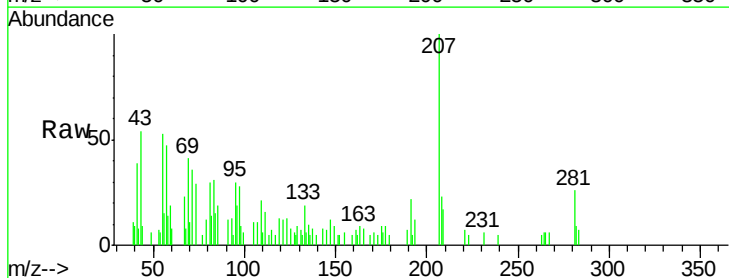
Sig	Exp Ratio
244	100
212	7.0
122	12.9

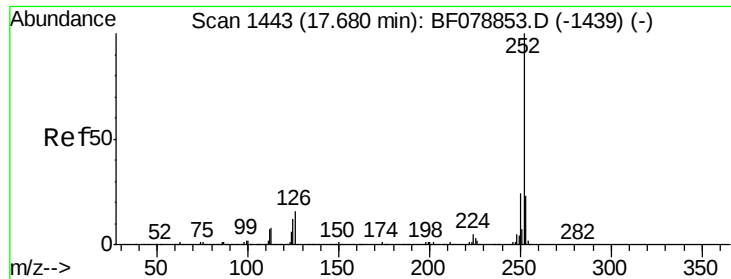


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 1526
 Delta R.T. -0.25 min
 Lab File: BF079242.D
 Acq: 14 May 2015 19:56

Tgt Ion: 264 Resp: 250

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.4	29.2#
265	105.8	18.3	27.5#





#87

Benzo(b)fluoranthene

Concen: 16.15 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.24 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-16

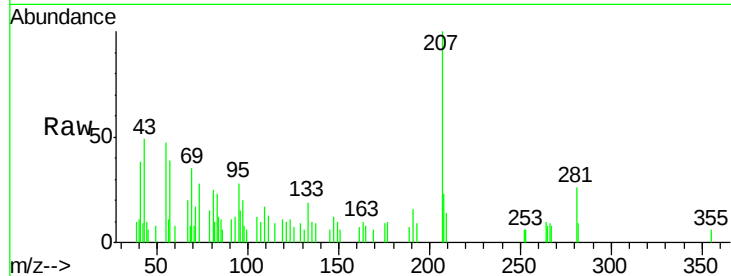
Tgt Ion:252 Resp: 221

Ion Ratio Lower Upper

252 100

253 96.9 17.7 26.5#

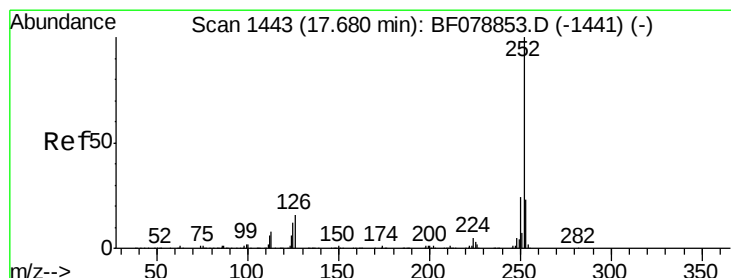
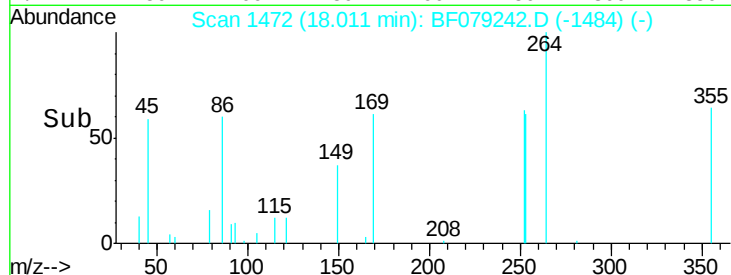
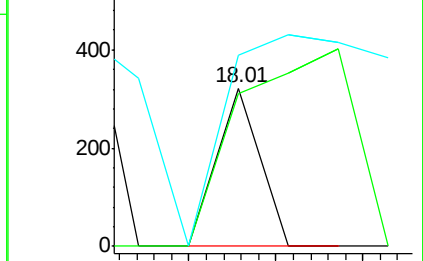
125 121.1 9.5 14.3#



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: 16.68 ng

RT: 18.01 min Scan# 1472

Delta R.T. -0.29 min

Lab File: BF079242.D

Acq: 14 May 2015 19:56

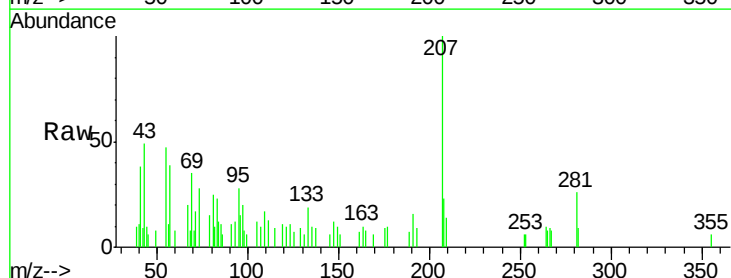
Tgt Ion:252 Resp: 221

Ion Ratio Lower Upper

252 100

253 96.9 18.1 27.1#

125 121.1 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

