

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077522.D
 Acq On : 2 Mar 2015 15:08
 Operator : TP/IZ
 Sample : G1399-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Quant Time: Mar 02 23:59:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

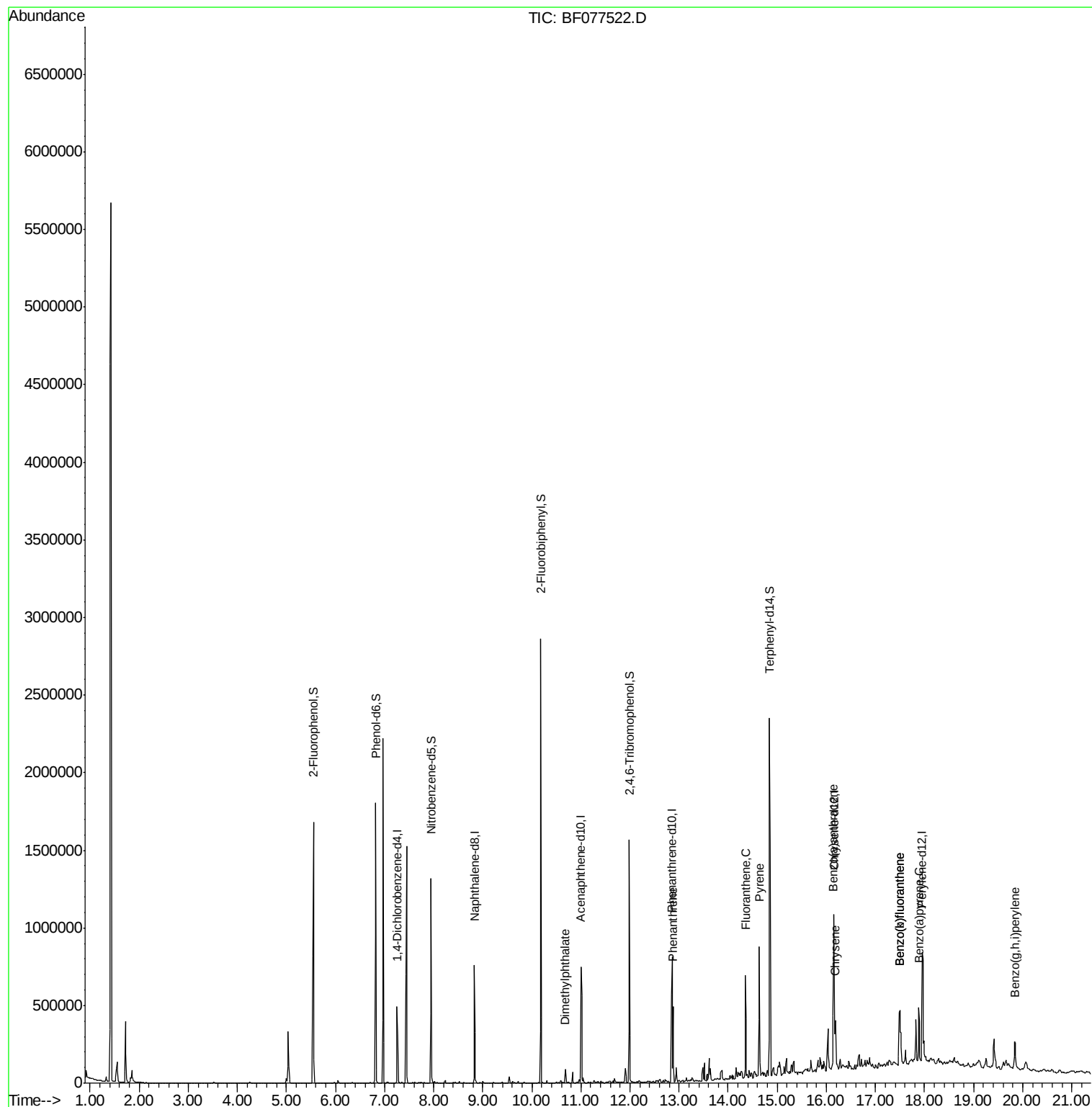
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	94856	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	383033	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	201924	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	392443	20.00	ng	0.00
75) Chrysene-d12	16.15	240	406901	20.00	ng	0.02
86) Perylene-d12	17.96	264	411446	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	547838	96.42	ng	0.00
7) Phenol-d6	6.82	99	727855	99.63	ng	0.00
23) Nitrobenzene-d5	7.95	82	429851	69.79	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	180938	93.06	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	861557	66.53	ng	0.00
78) Terphenyl-d14	14.85	244	976238	56.09	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.68	163	32947	2.32	ng	99
70) Phenanthrene	12.88	178	192443	8.46	ng	99
74) Fluoranthene	14.36	202	337745	13.59	ng	96
77) Pyrene	14.64	202	373023	14.99	ng	99
80) Benzo(a)anthracene	16.14	228	195648	8.20	ng	97
82) Chrysene	16.18	228	194338	8.68	ng	97
87) Benzo(b)fluoranthene	17.50	252	341943	14.29	ng	# 94
88) Benzo(k)fluoranthene	17.50	252	326643	13.93	ng	98
89) Benzo(a)pyrene	17.89	252	197670	8.67	ng	# 94
91) Benzo(g,h,i)perylene	19.85	276	143456	6.54	ng	96

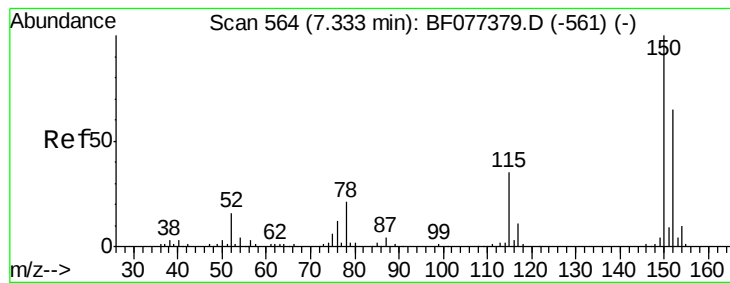
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077522.D
Acq On : 2 Mar 2015 15:08
Operator : TP/IZ
Sample : G1399-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB10

Quant Time: Mar 02 23:59:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 23:46:07 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

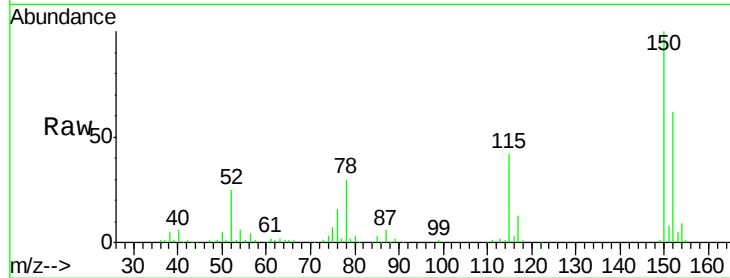
Tgt Ion:152 Resp: 94856

Ion Ratio Lower Upper

152 100

150 162.3 124.0 186.0

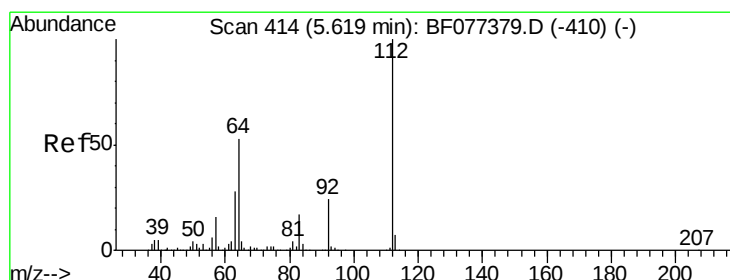
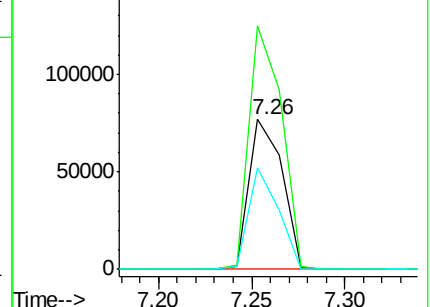
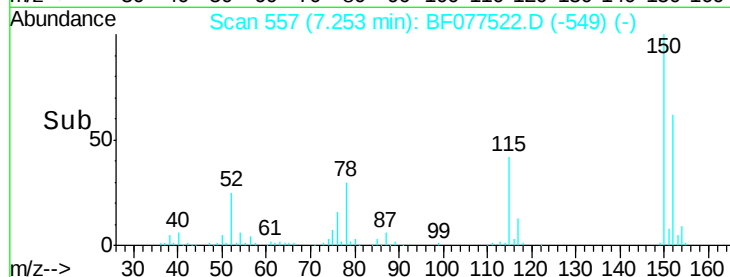
115 67.8 49.4 74.2



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: 96.42 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

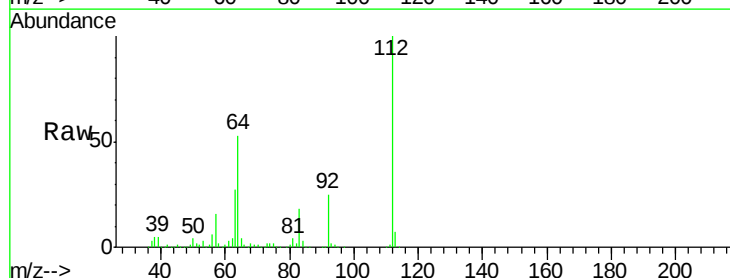
Tgt Ion:112 Resp: 547838

Ion Ratio Lower Upper

112 100

64 52.9 48.5 72.7

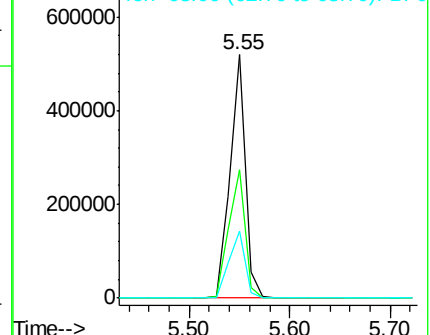
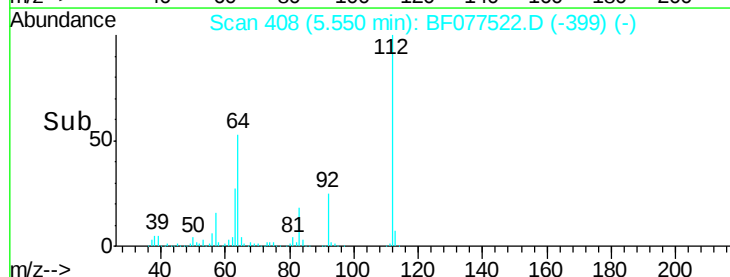
63 27.4 25.0 37.4



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: 99.63 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

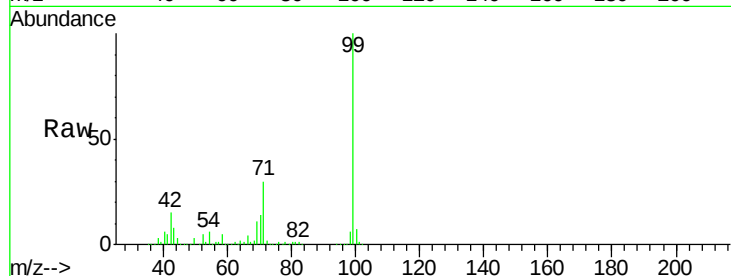
Tgt Ion: 99 Resp: 727855

Ion Ratio Lower Upper

99 100

42 15.3 16.2 24.4#

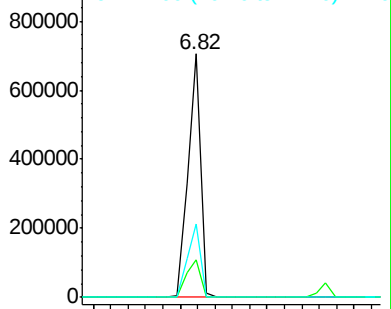
71 30.4 26.7 40.1



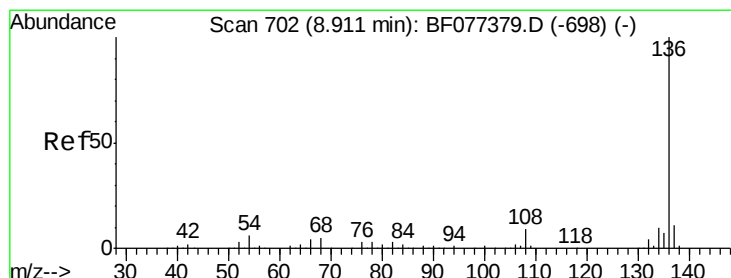
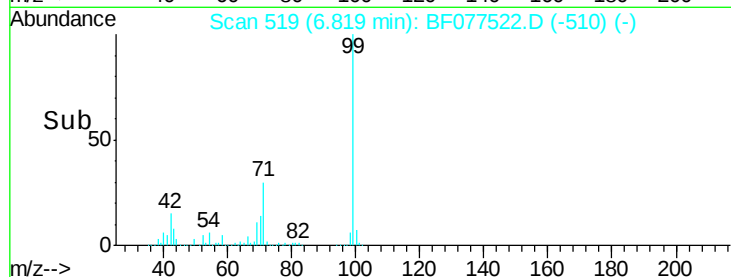
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion: 136 Resp: 383033

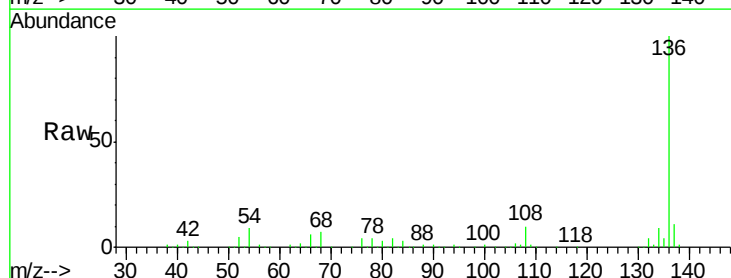
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.7 6.2 9.4

68 6.8 5.0 7.6

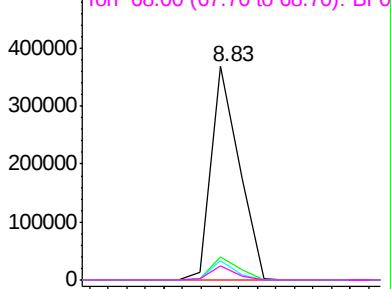


Abundance Ion 136.00 (135.70 to 136.70): E

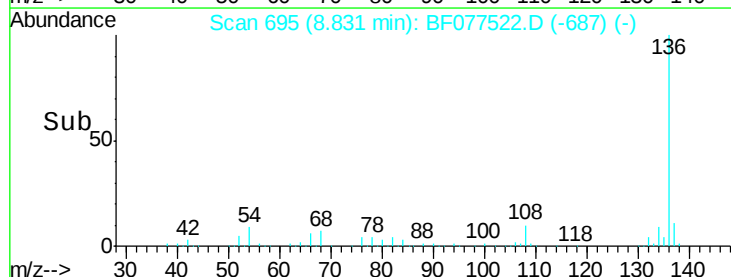
Ion 137.00 (136.70 to 137.70): E

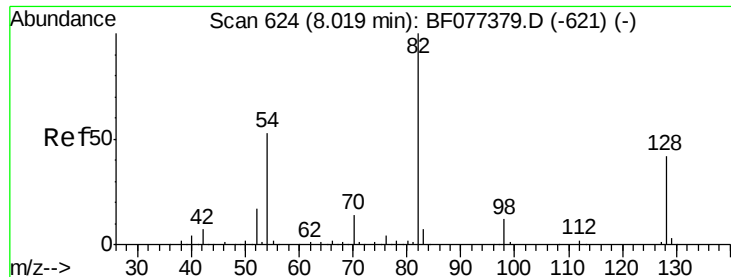
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

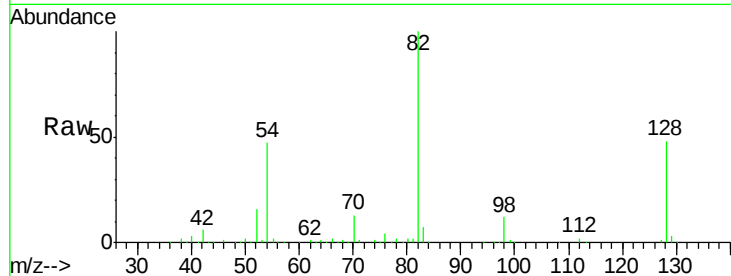




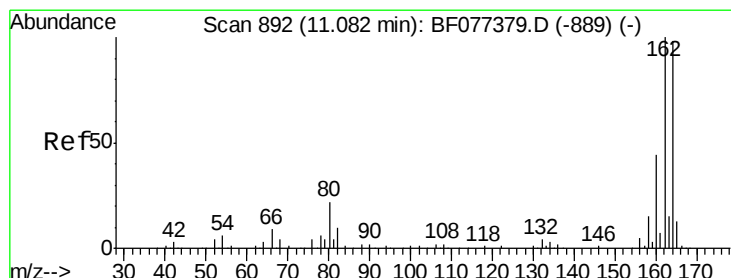
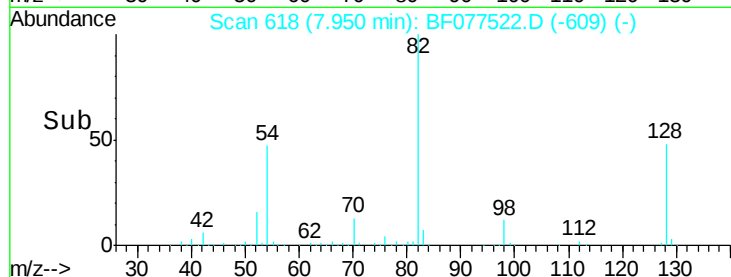
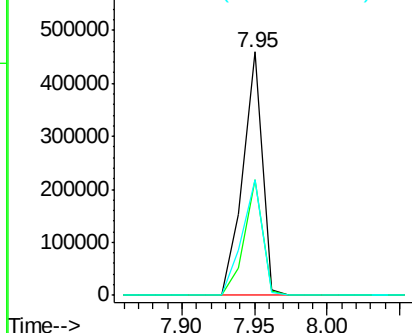
#23
 Nitrobenzene-d5
 Concen: 69.79 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Tgt Ion: 82 Resp: 429851
 Ion Ratio Lower Upper
 82 100
 128 47.6 43.8 65.8
 54 47.4 36.7 55.1

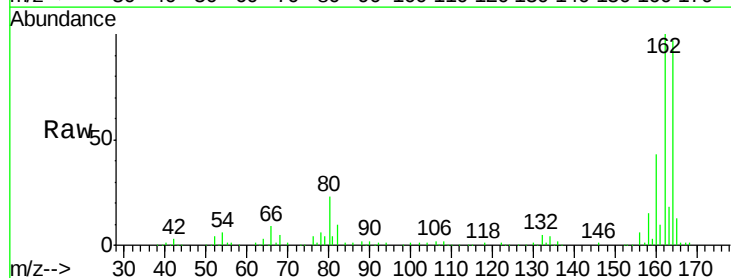


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

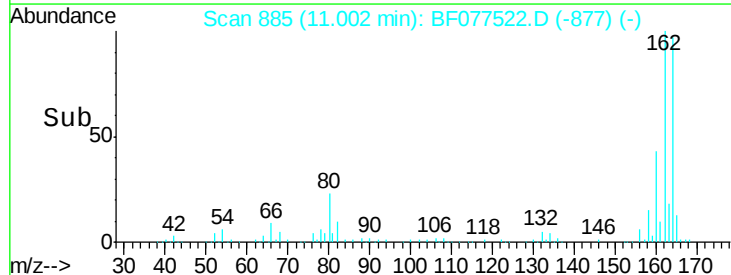
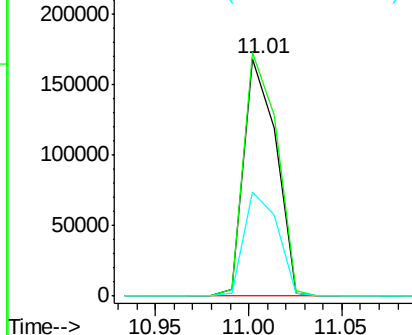


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Tgt Ion: 164 Resp: 201924
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.2 124.8
 160 43.8 34.6 52.0



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

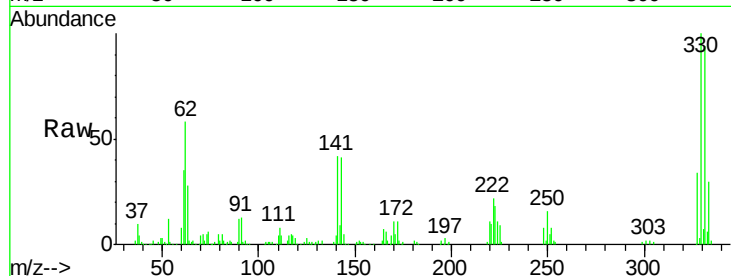




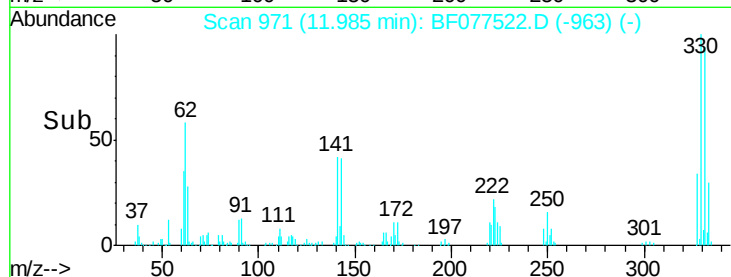
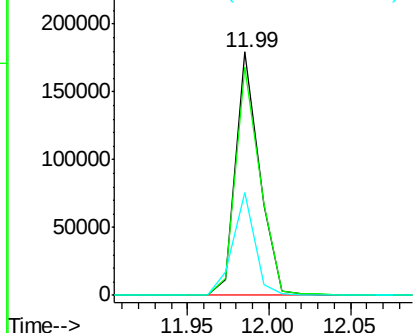
#41
 2,4,6-Tribromophenol
 Concen: 93.06 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	39.1	28.8	43.2

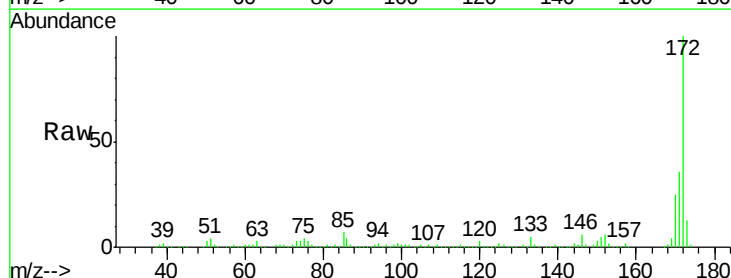


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

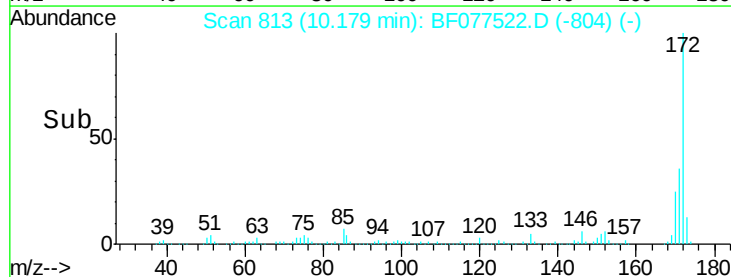
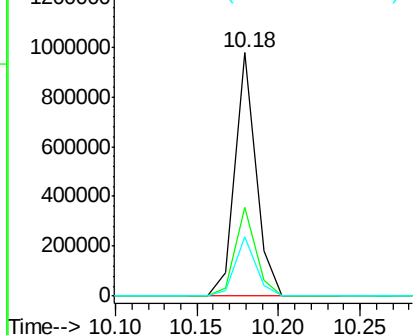


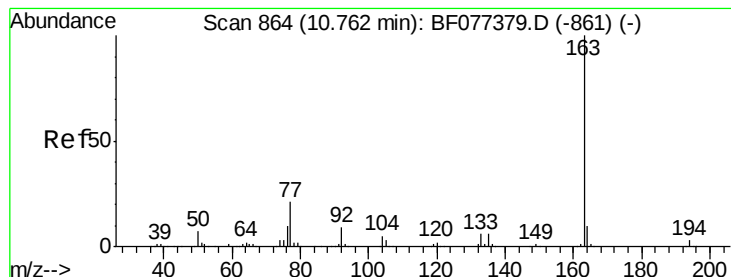
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.5	19.4	29.2



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: 2.32 ng

RT: 10.68 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

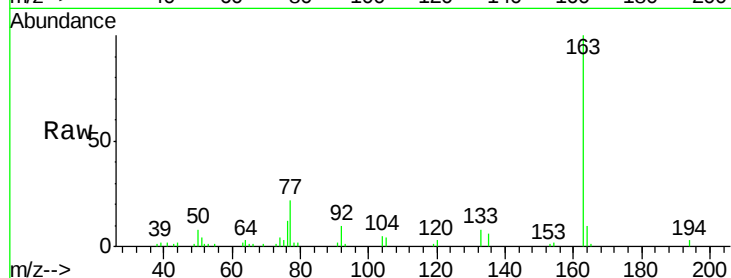
Tgt Ion:163 Resp: 32947

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

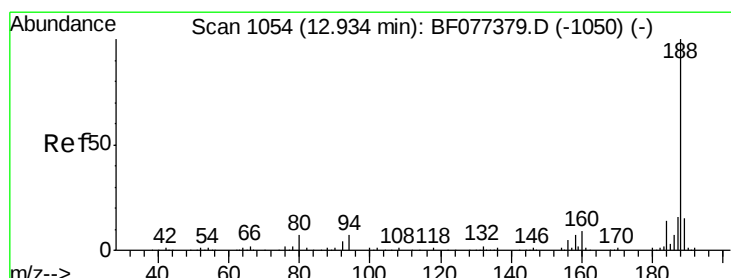
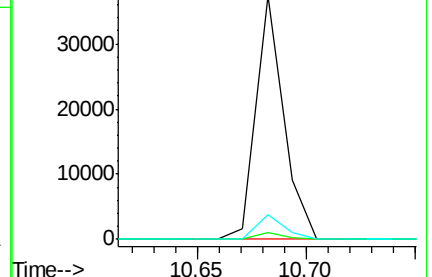
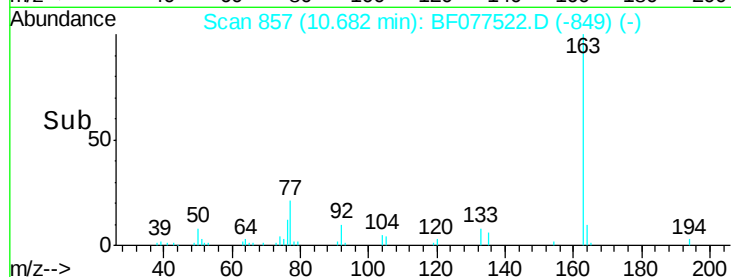
164 10.2 8.6 13.0



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: 12.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

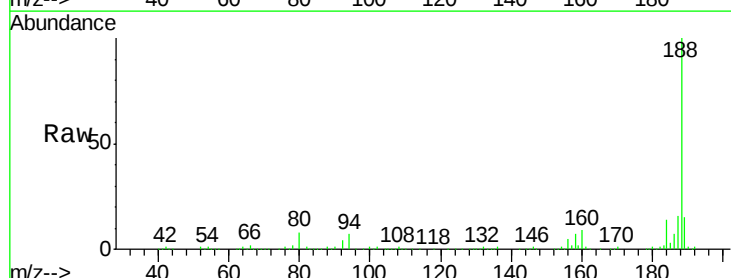
Tgt Ion:188 Resp: 392443

Ion Ratio Lower Upper

188 100

94 7.1 7.4 11.2#

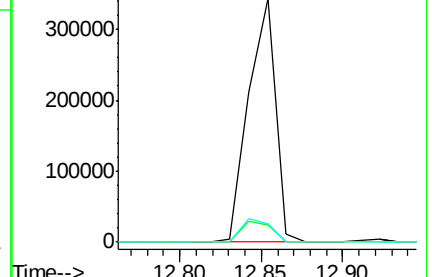
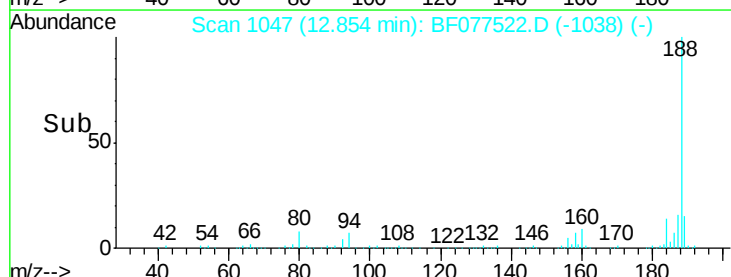
80 7.7 8.0 12.0#

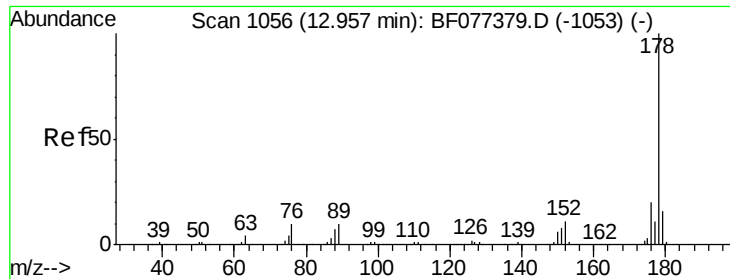


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

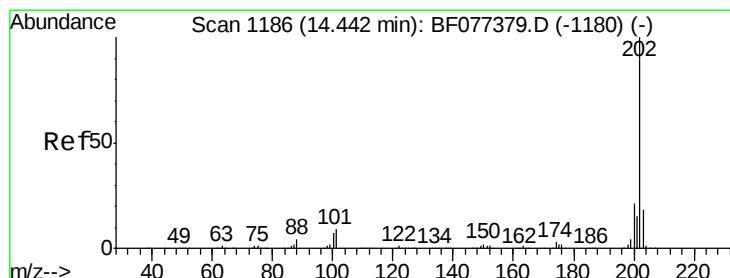
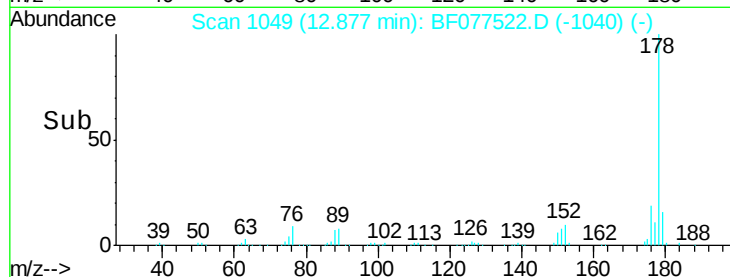
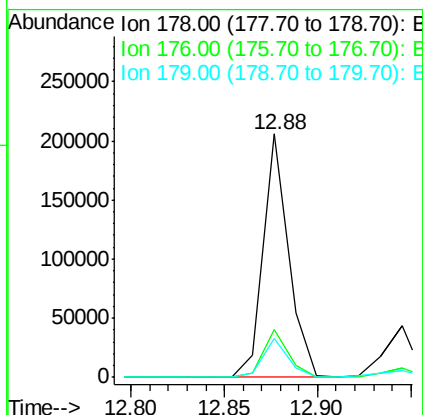
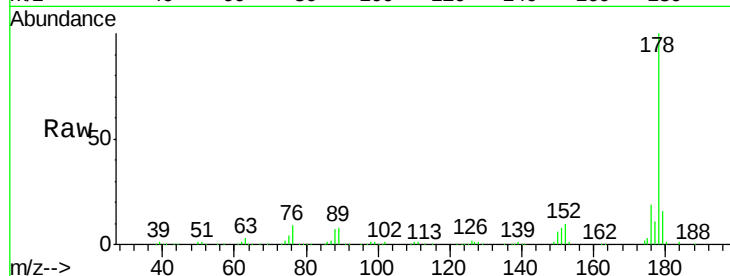




#70
Phenanthrene
Concen: 8.46 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

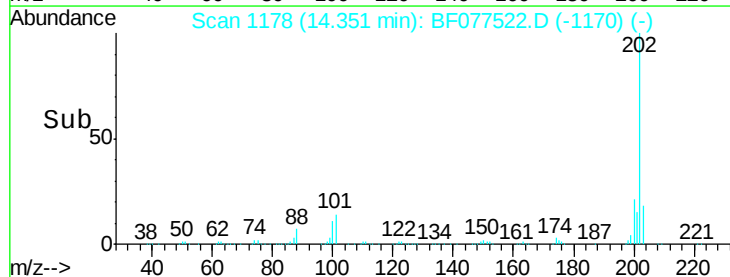
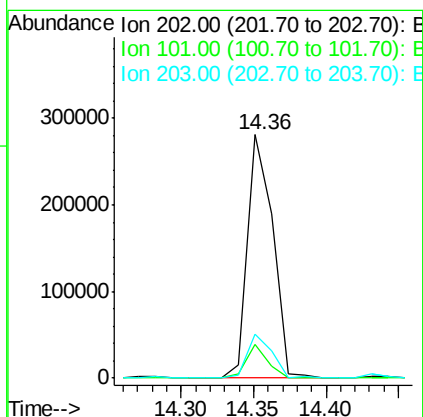
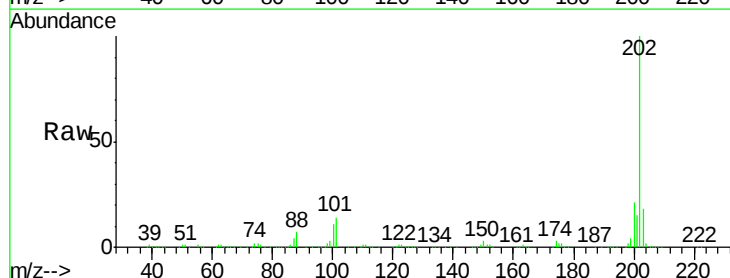
Instrument :
BNA_F
ClientSampleId :
SB10

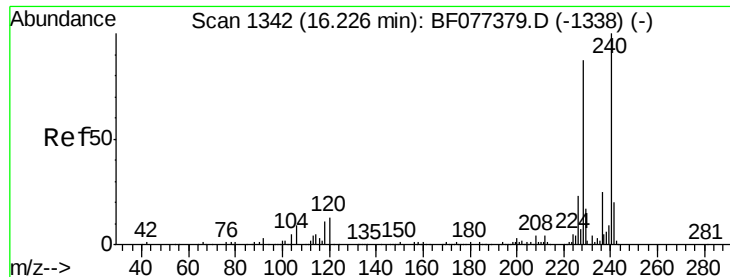
Tgt Ion:178 Resp: 192443
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.2 18.2



#74
Fluoranthene
Concen: 13.59 ng
RT: 14.36 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Tgt Ion:202 Resp: 337745
Ion Ratio Lower Upper
202 100
101 14.0 0.0 30.8
203 17.9 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

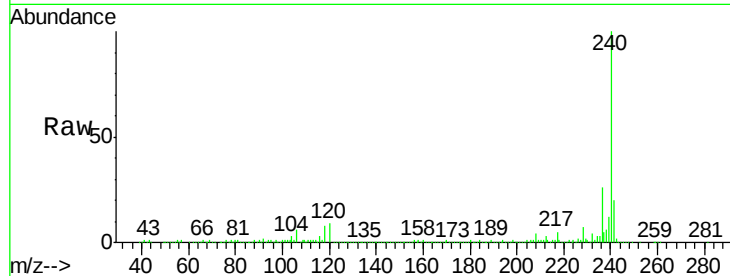
Tgt Ion:240 Resp: 406901

Ion Ratio Lower Upper

240 100

120 9.4 8.8 13.2

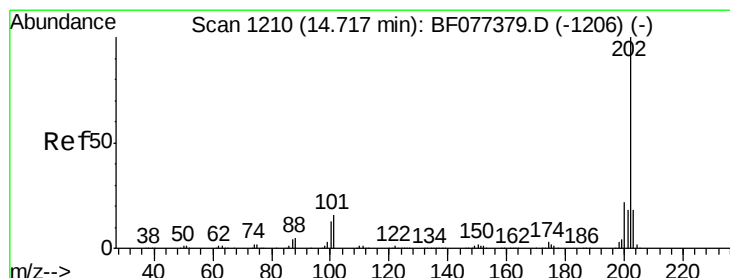
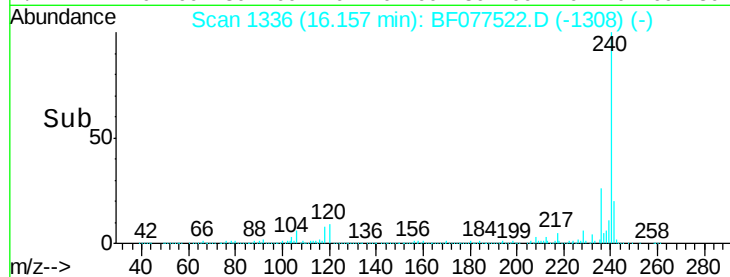
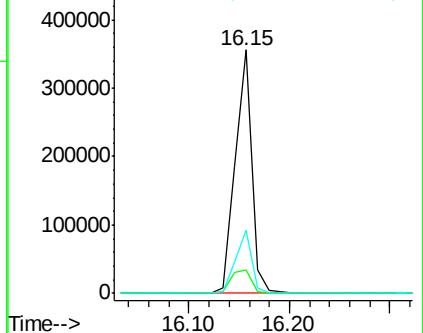
236 25.9 20.7 31.1



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: 14.99 ng

RT: 14.64 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

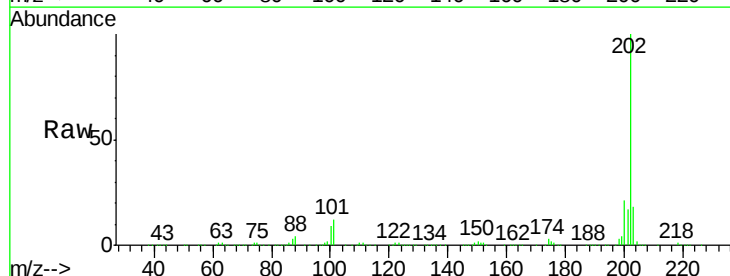
Tgt Ion:202 Resp: 373023

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

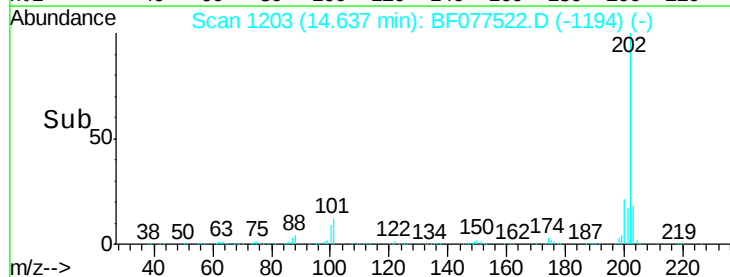
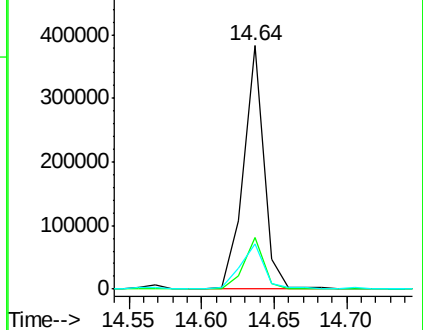
203 18.4 14.2 21.2

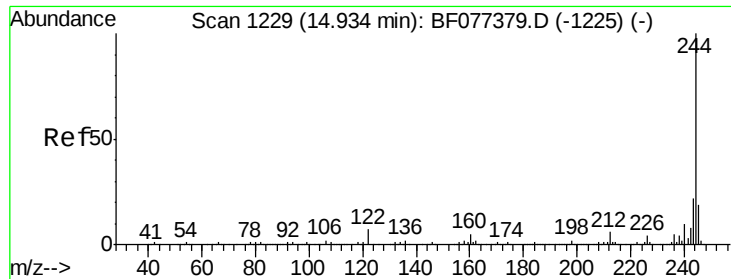


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

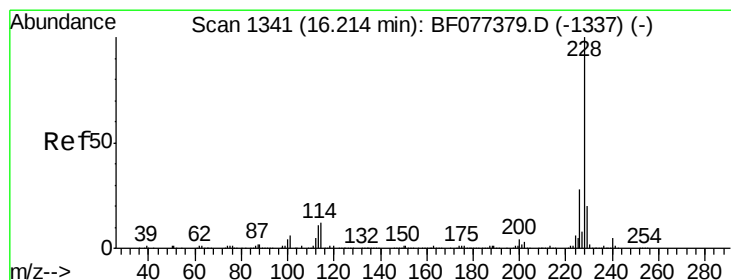
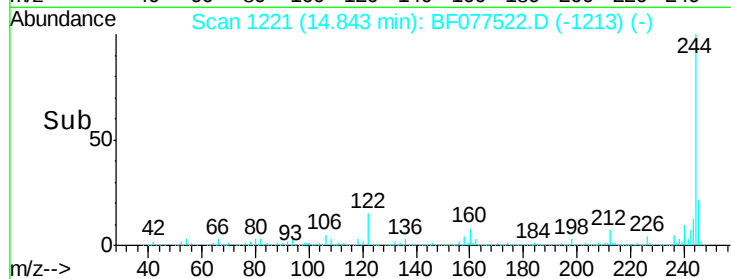
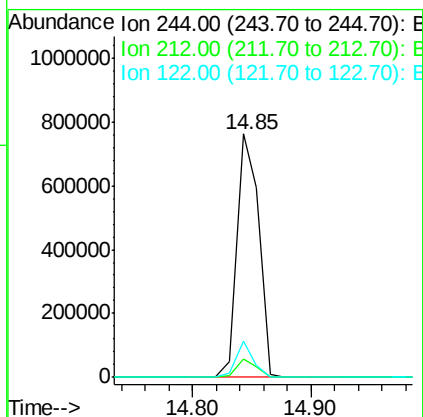
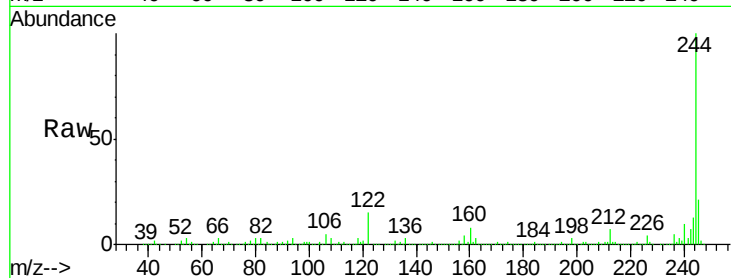




#78
 Terphenyl-d14
 Concen: 56.09 ng
 RT: 14.85 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

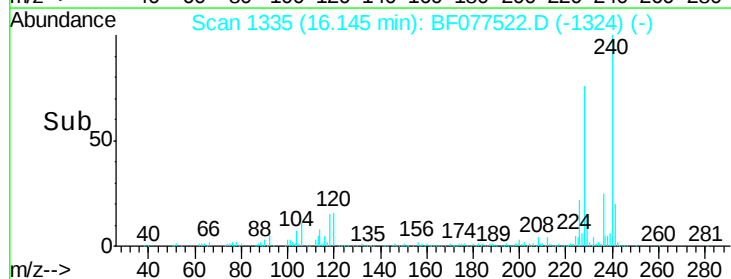
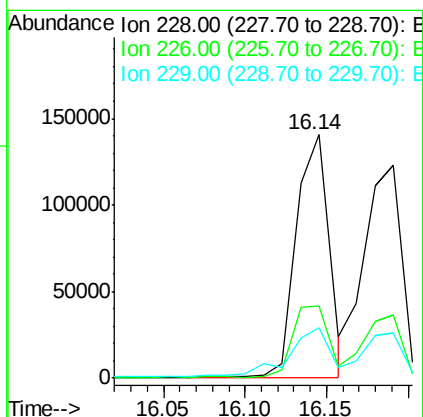
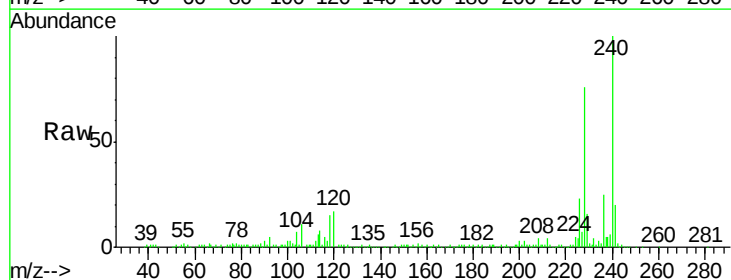
Instrument :
 BNA_F
 ClientSampled :
 SB10

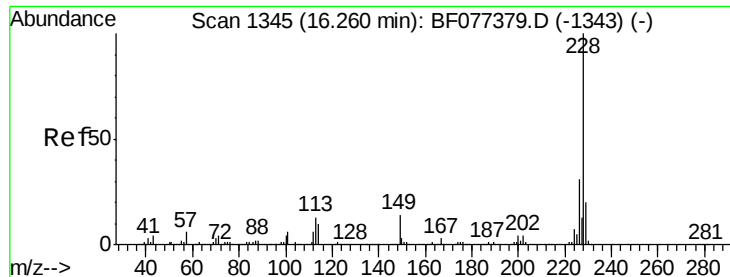
Tgt Ion:244 Resp: 976238
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.2 7.8
 122 15.1 7.8 11.8#



#80
 Benzo(a)anthracene
 Concen: 8.20 ng
 RT: 16.14 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Tgt Ion:228 Resp: 195648
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.0 33.0
 229 20.6 15.8 23.8





#82

Chrysene

Concen: 8.68 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

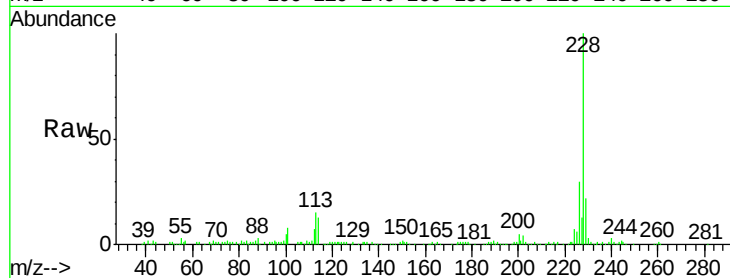
Tgt Ion:228 Resp: 194338

Ion Ratio Lower Upper

228 100

226 29.7 24.9 37.3

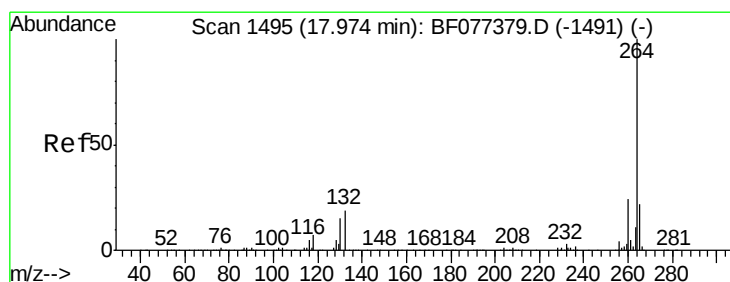
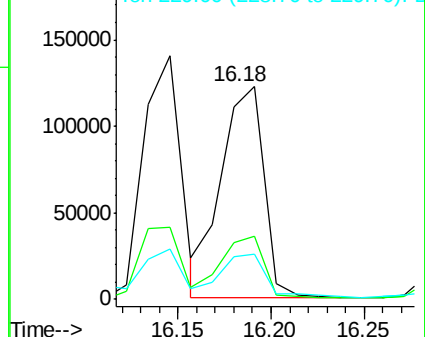
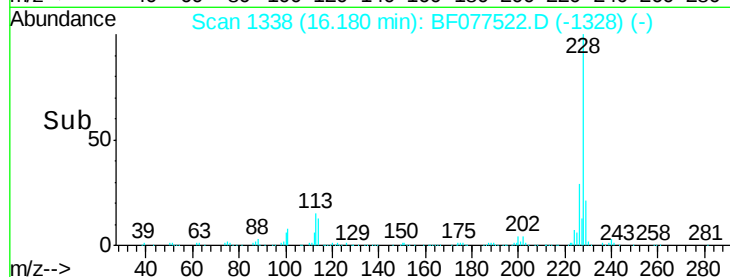
229 22.1 16.4 24.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.96 min Scan# 1494

Delta R.T. 0.13 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

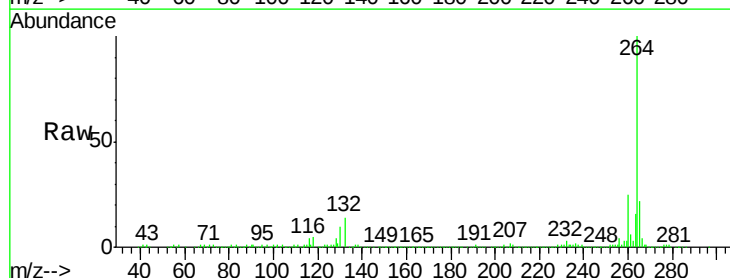
Tgt Ion:264 Resp: 411446

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

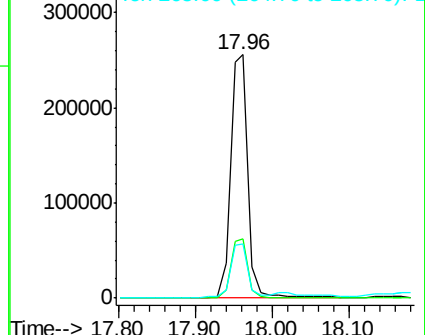
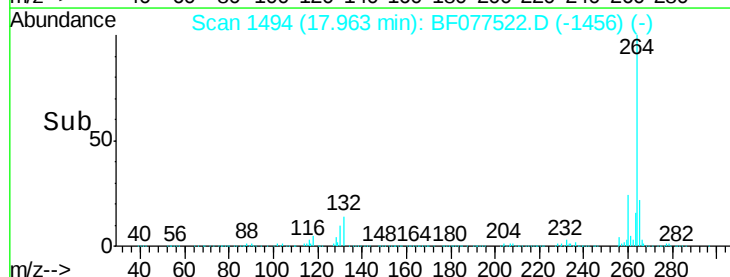
265 22.1 16.8 25.2

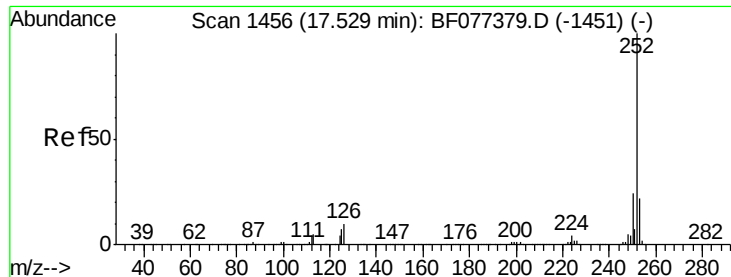


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

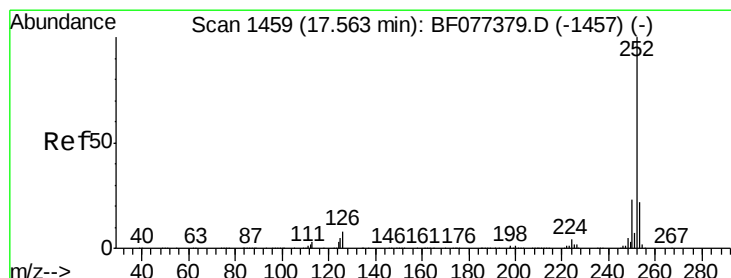
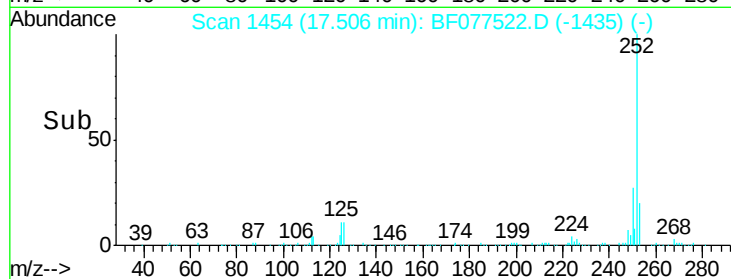
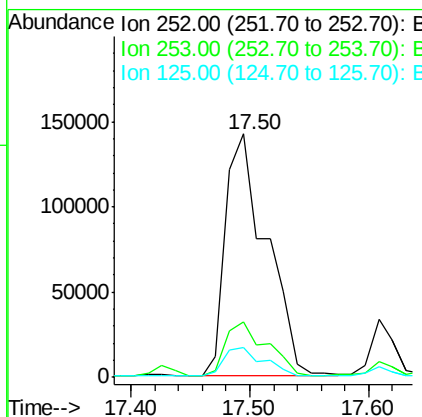
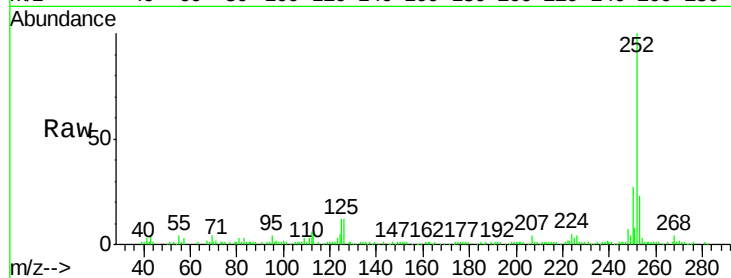




#87
Benzo(b)fluoranthene
Concen: 14.29 ng
RT: 17.50 min Scan# 1454
Delta R.T. 0.11 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion:252 Resp: 341943
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 11.7 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 13.93 ng
RT: 17.50 min Scan# 1454
Delta R.T. 0.08 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Tgt Ion:252 Resp: 326643
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.7 10.1 15.1

