

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078326.D
 Acq On : 8 Apr 2015 7:01
 Operator : TP/IZ
 Sample : G1600-02DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)DL

Quant Time: Apr 08 07:02:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

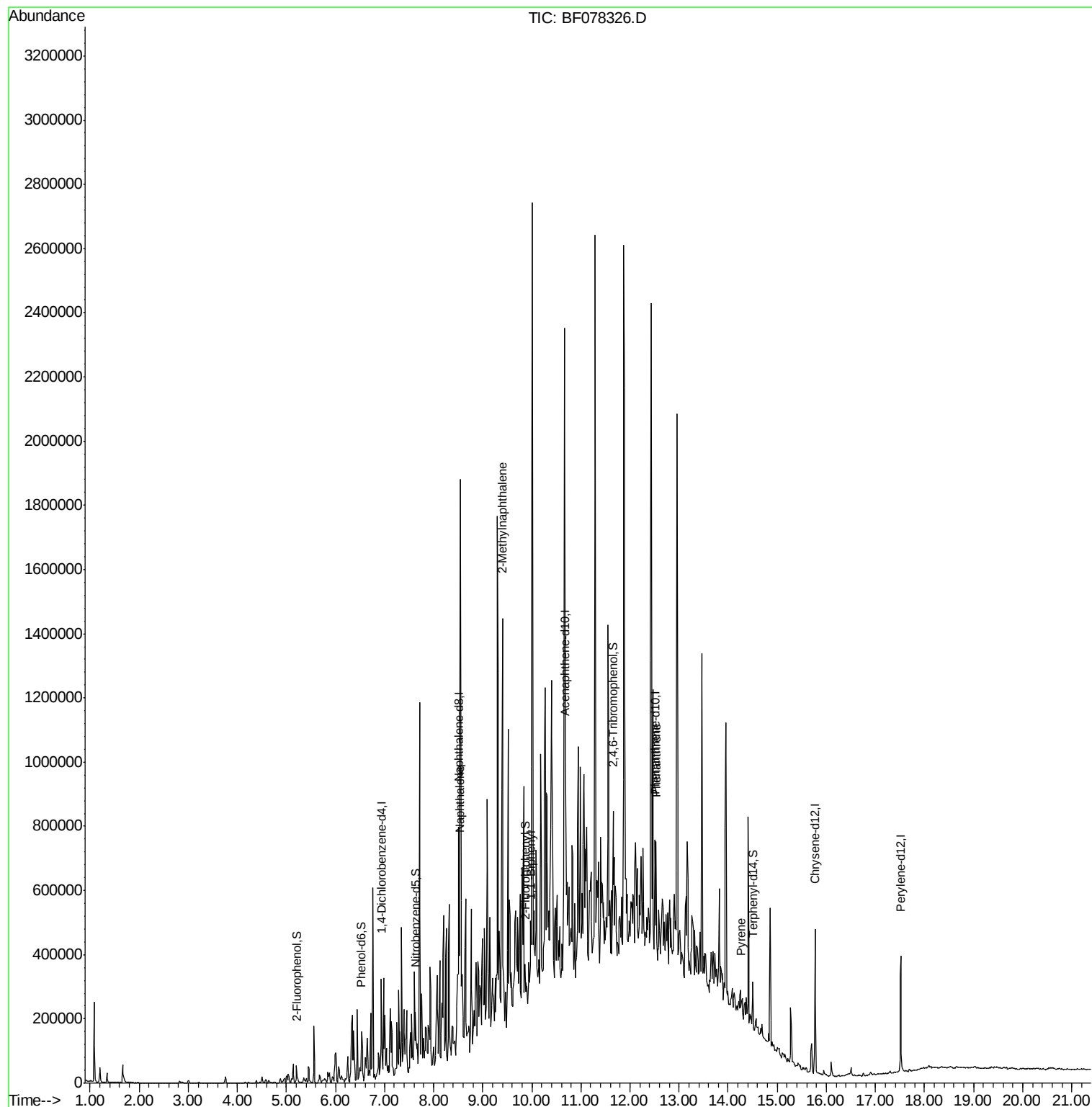
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	45147	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	181757	20.00	ng	0.00
38) Acenaphthene-d10	10.68	164	84715	20.00	ng	0.01
63) Phenanthrene-d10	12.51	188	172646	20.00	ng	0.01
75) Chrysene-d12	15.77	240	192471	20.00	ng	0.00
86) Perylene-d12	17.52	264	193342	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	21177	7.73	ng	0.01
7) Phenol-d6	6.53	99	30933	9.01	ng	0.01
23) Nitrobenzene-d5	7.63	82	25981	8.66	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	4848	6.90	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	47024	7.93	ng	0.00
78) Terphenyl-d14	14.50	244	57133	6.71	ng	0.00
Target Compounds						
31) Naphthalene	8.53	128	177358	18.75	ng	99
37) 2-Methylnaphthalene	9.40	142	390947	60.87	ng	98
45) 1,1'-Biphenyl	9.98	154	73027	10.54	ng	98
70) Phenanthrene	12.53	178	135958	13.61	ng	97
77) Pyrene	14.27	202	26424	2.19	ng	# 87

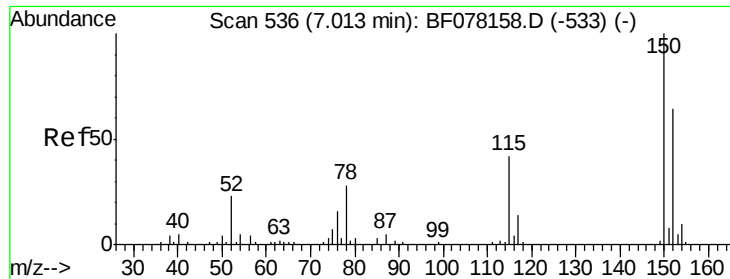
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)DL

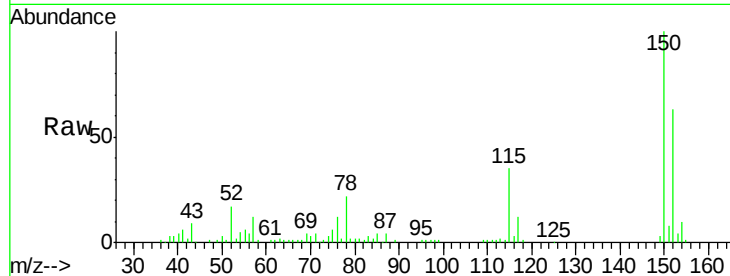
Tot Ion:152 Resp: 45147

Ion Ratio Lower Upper

152 100

150 158.0 125.9 188.9

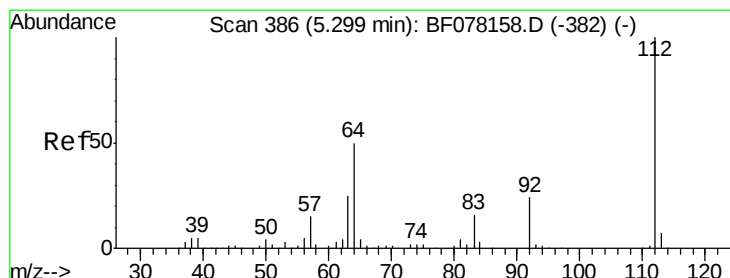
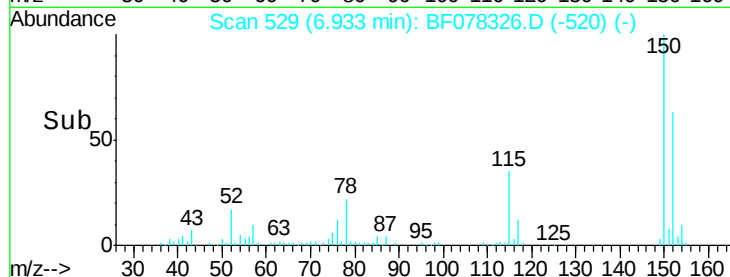
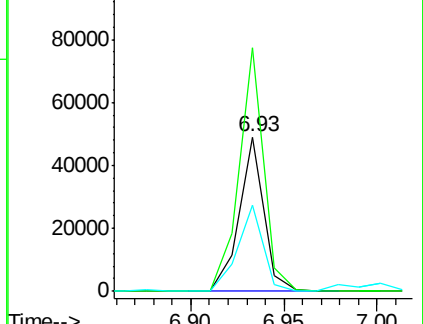
115 55.7 52.7 79.1



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: 7.73 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

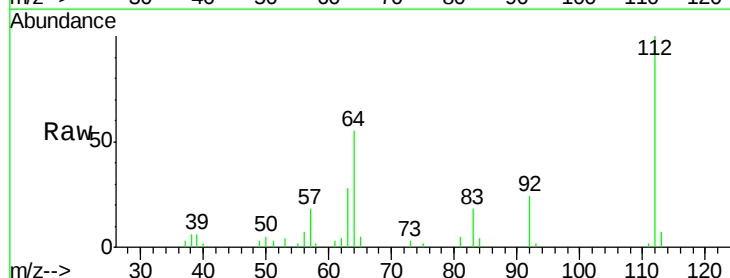
Tgt Ion:112 Resp: 21177

Ion Ratio Lower Upper

112 100

64 54.8 39.9 59.9

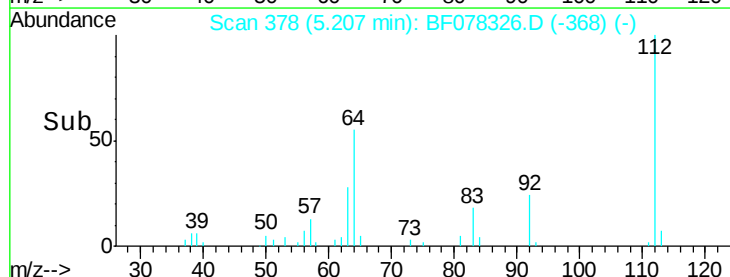
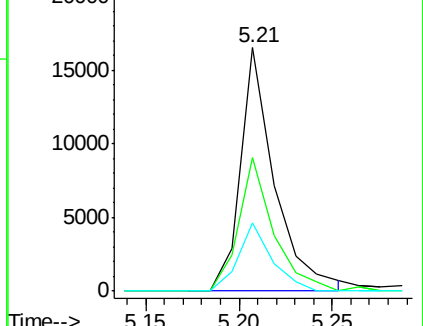
63 28.1 20.2 30.4

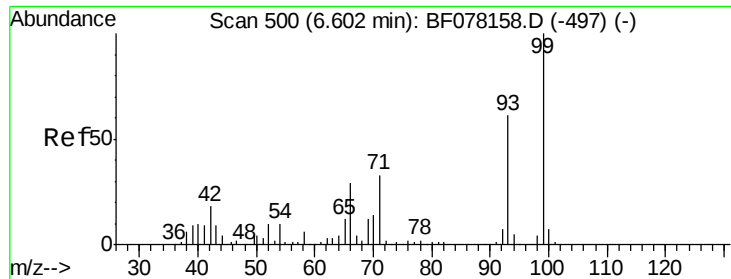


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.01 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)DL

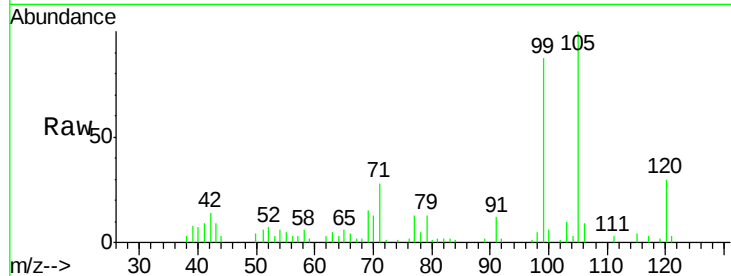
Tot Ion: 99 Resp: 30933

Ion Ratio Lower Upper

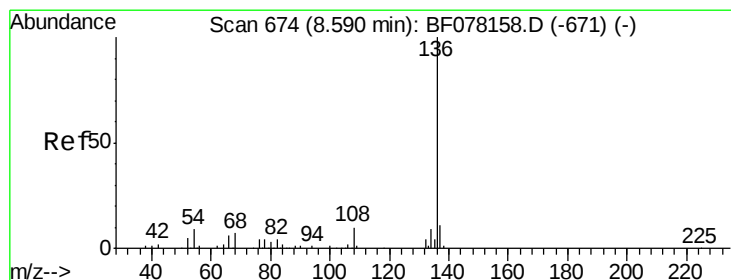
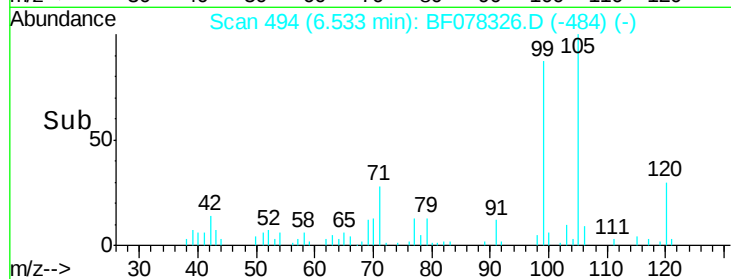
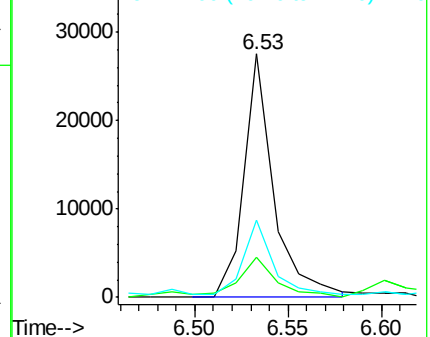
99 100

42 16.3 14.8 22.2

71 31.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

Tgt Ion: 136 Resp: 181757

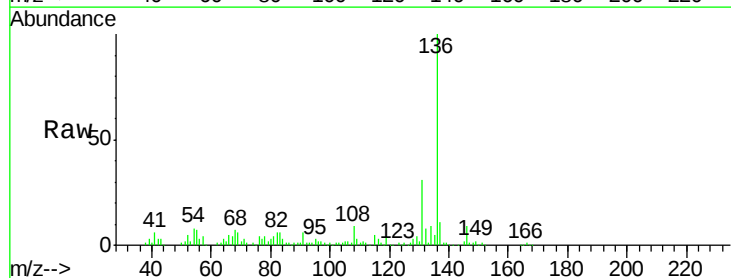
Ion Ratio Lower Upper

136 100

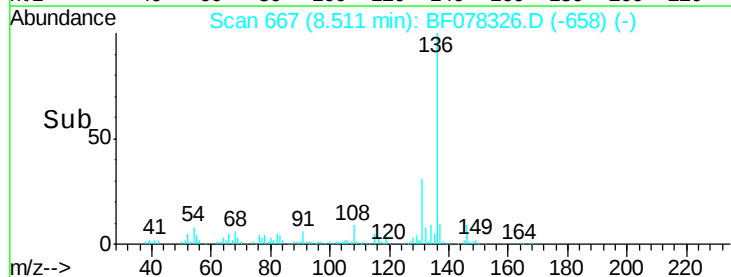
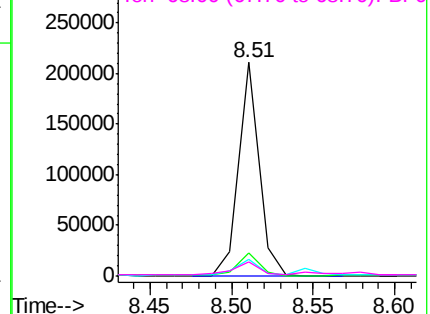
137 10.6 9.0 13.4

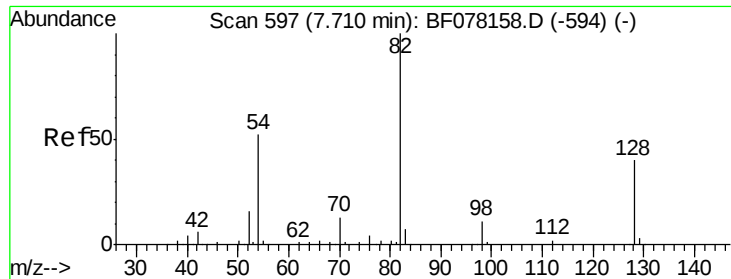
54 7.8 7.0 10.6

68 6.5 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

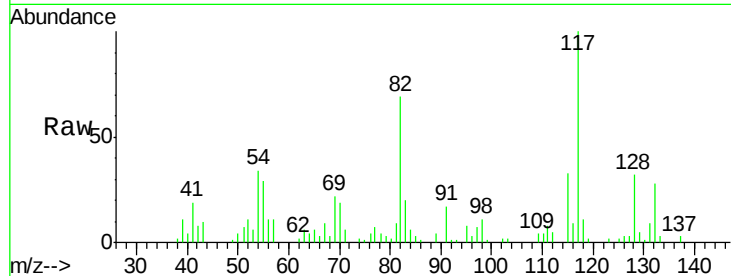




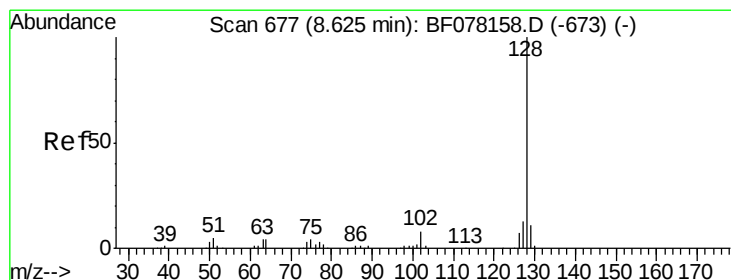
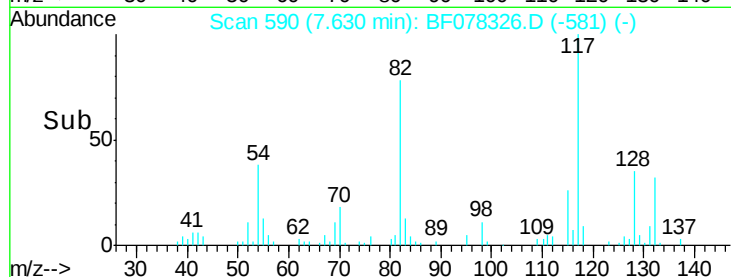
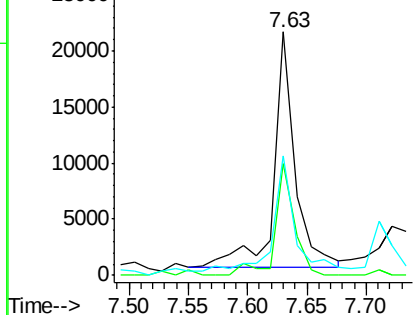
#23
Nitrobenzene-d5
Concen: 8.66 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

Tot Ion	82	Resp	25981
Ion Ratio	Lower	Upper	
82	100		
128	45.9	31.8	47.8
54	49.2	41.5	62.3

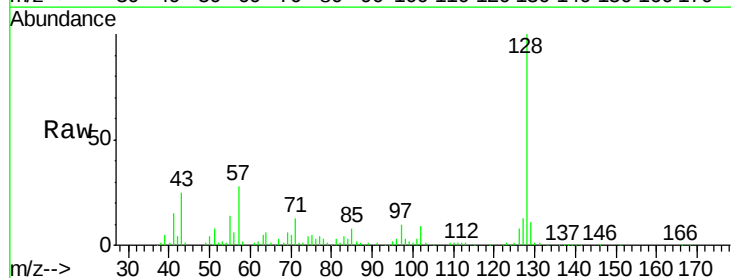


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

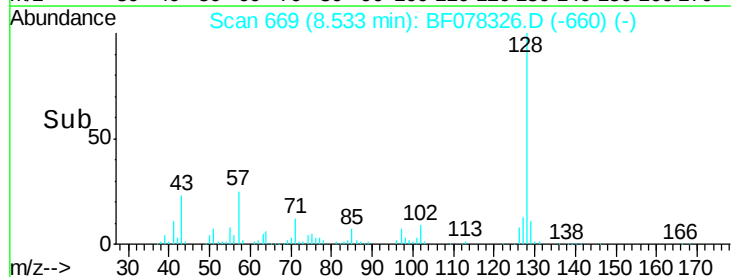
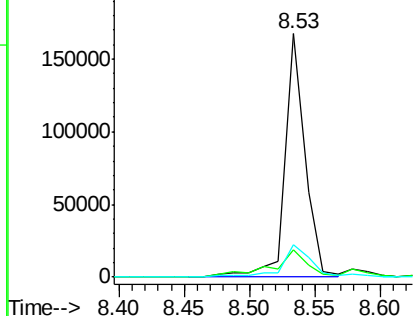


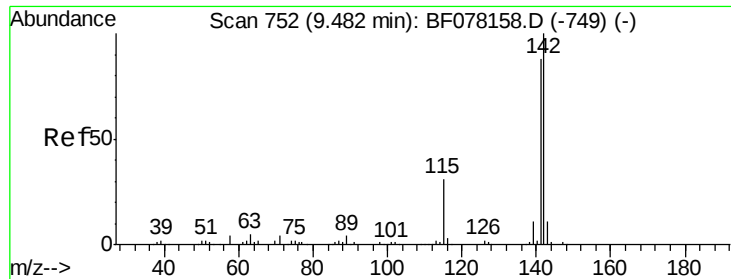
#31
Naphthalene
Concen: 18.75 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Tgt Ion	128	Resp	177358
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	12.8
127	13.1	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

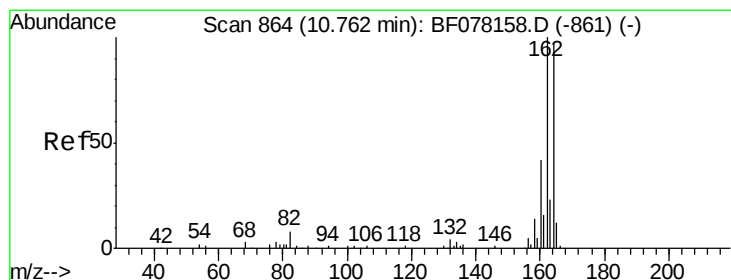
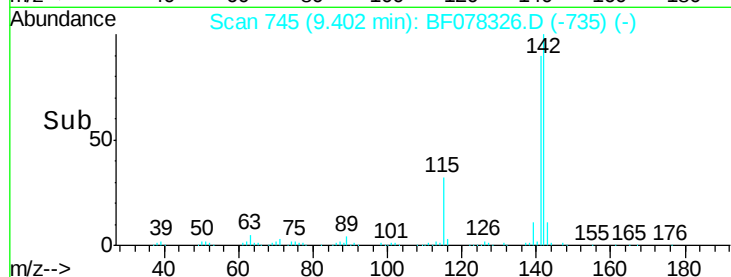
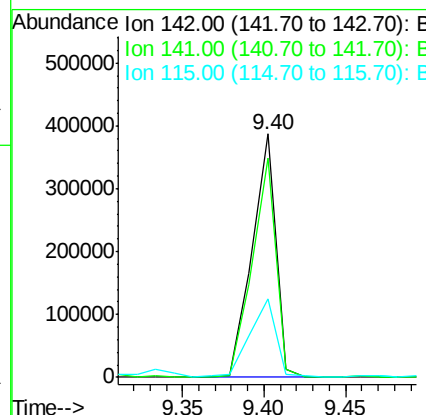
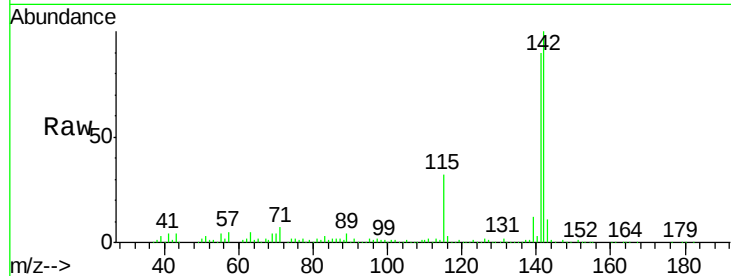




#37
 2-Methylnaphthalene
 Concen: 60.87 ng
 RT: 9.40 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

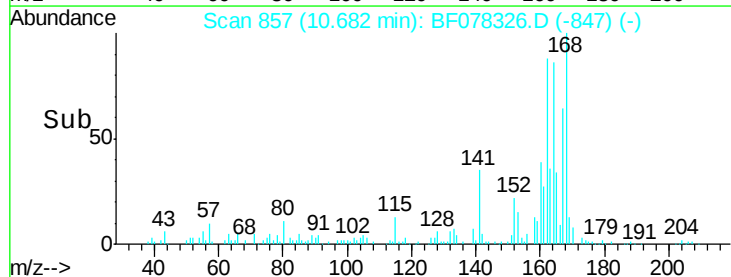
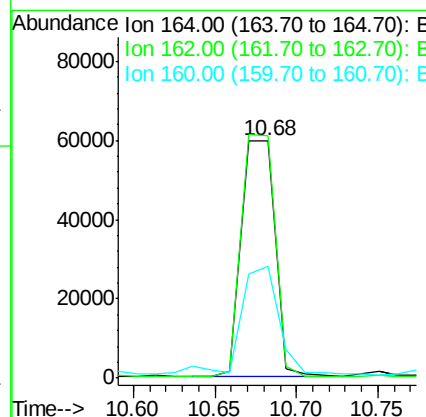
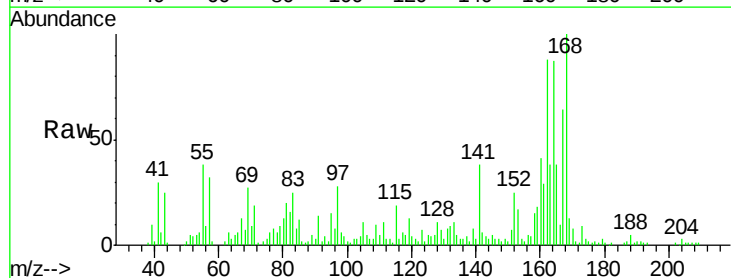
Instrument :
 BNA_F
 ClientSampled :
 S-A-3(J)DL

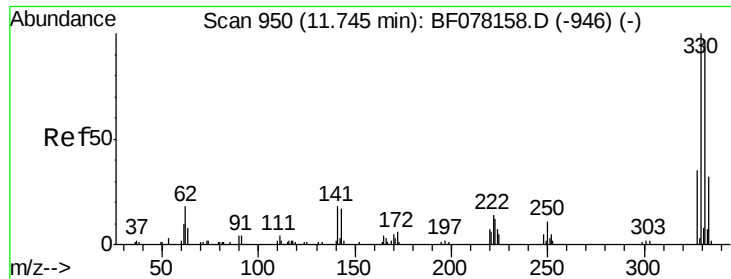
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5
115	32.2	24.6	37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.68 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	46.8	34.7	52.1

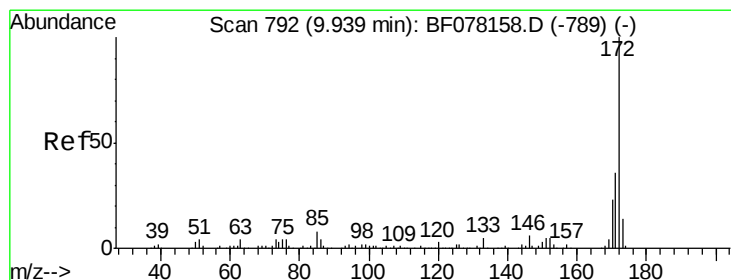
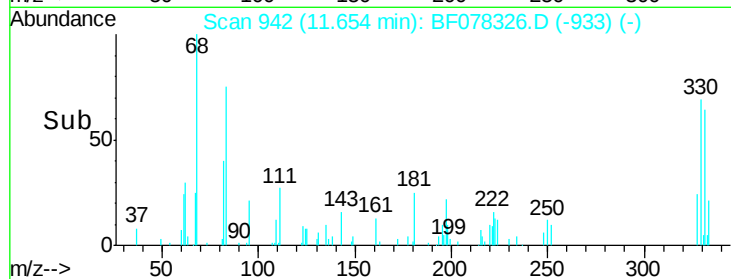
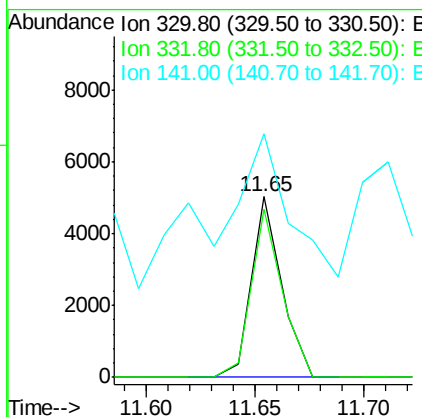
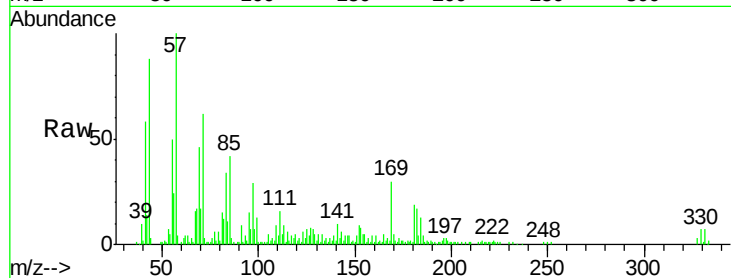




#41
 2,4,6-Tribromophenol
 Concen: 6.90 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

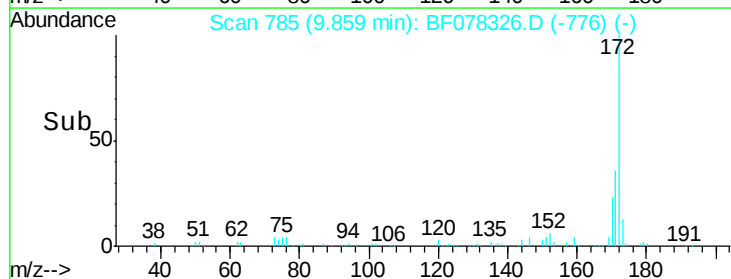
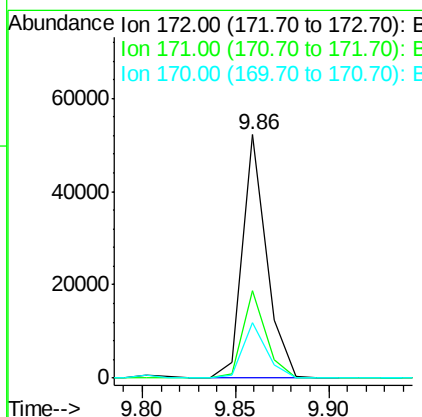
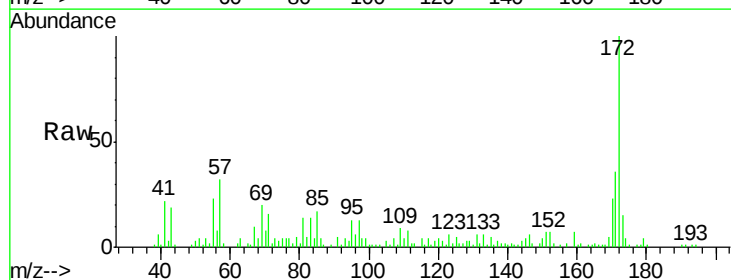
Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)DL

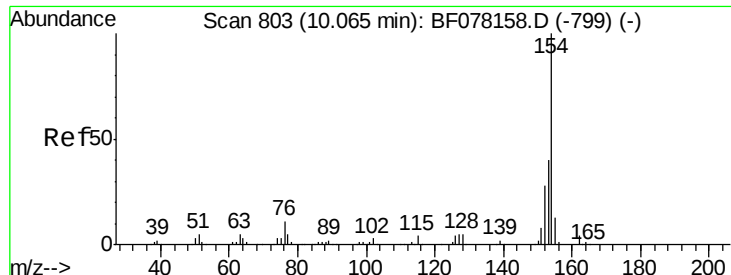
Tot Ion:330 Resp: 4848
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.6 117.8
 141 216.9 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 7.93 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

Tgt Ion:172 Resp: 47024
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 22.7 18.5 27.7

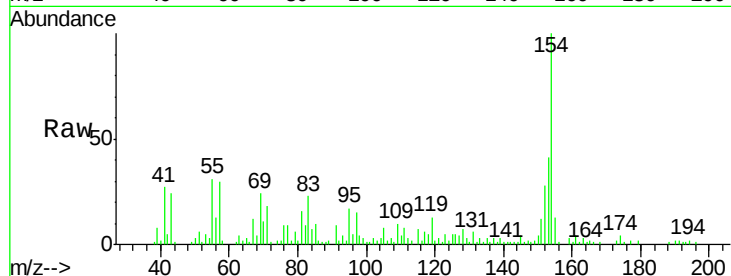




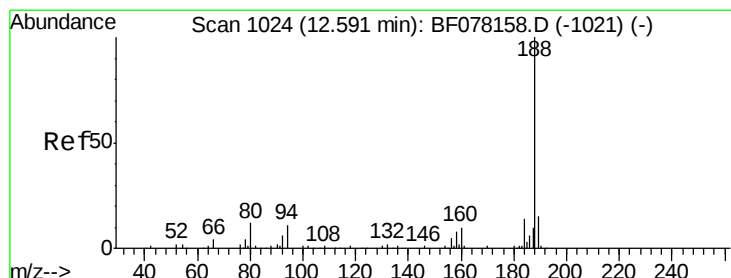
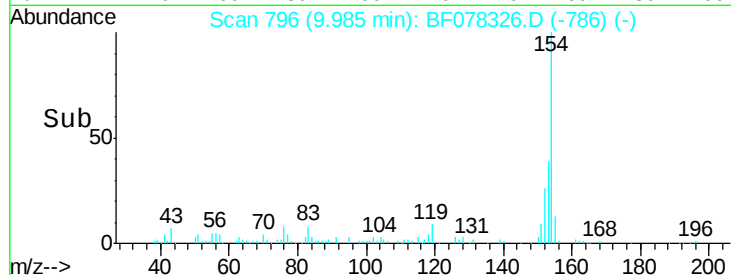
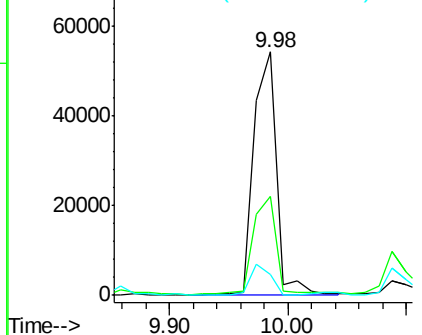
#45
 1,1'-Biphenyl
 Concen: 10.54 ng
 RT: 9.98 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

Instrument :
 BNA_F
 ClientSampleID :
 S-A-3(J)DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	8.8	0.0	30.6

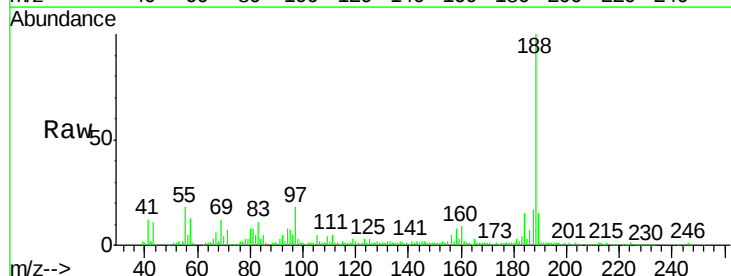


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

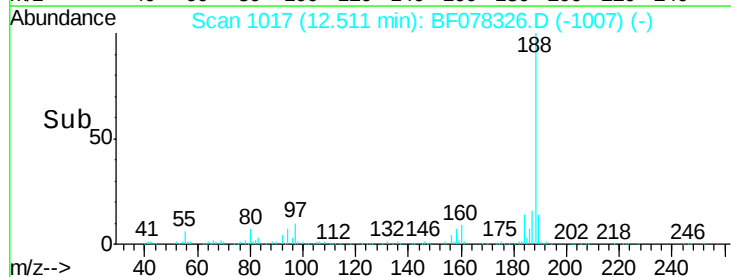
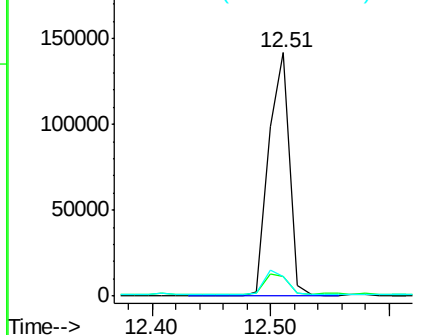


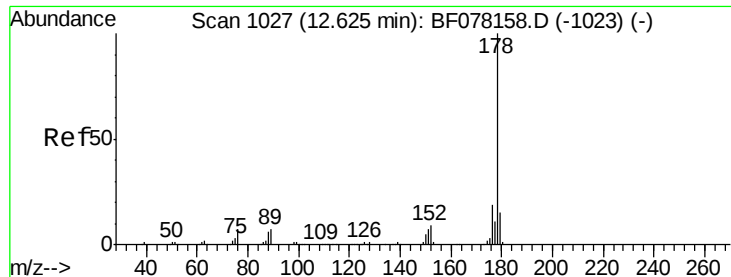
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.4#
80	8.0	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

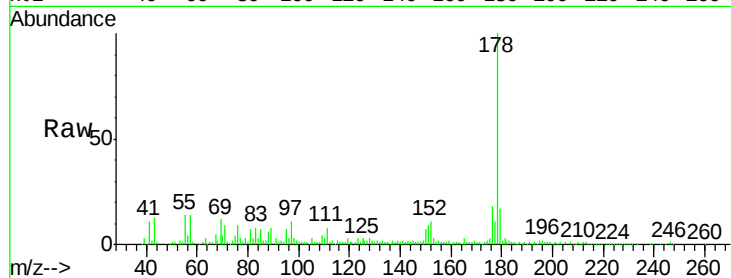




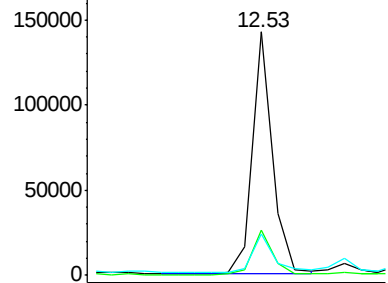
#70
Phenanthrene
Concen: 13.61 ng
RT: 12.53 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)DL

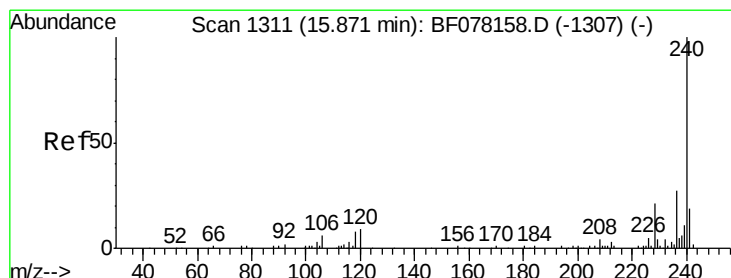
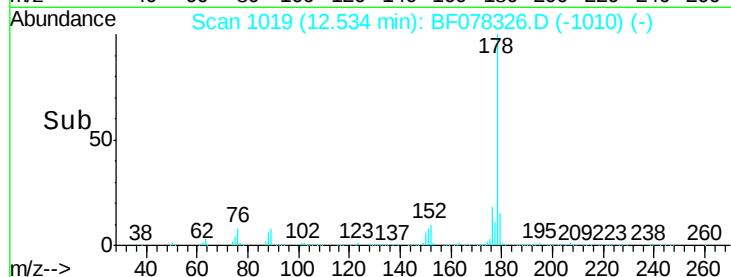
Tot Ion:178 Resp: 135958
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 16.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

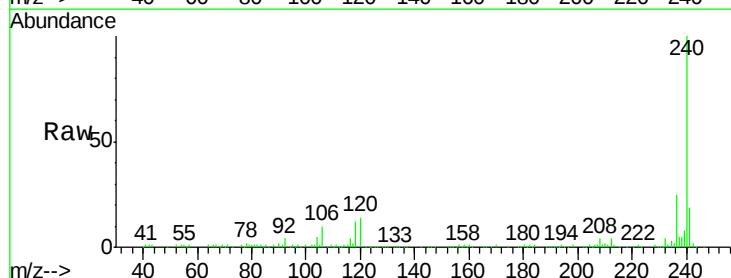


Time-->

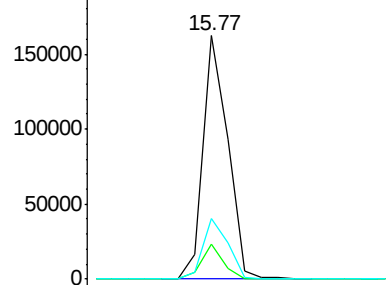


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078326.D
Acq: 8 Apr 2015 7:01

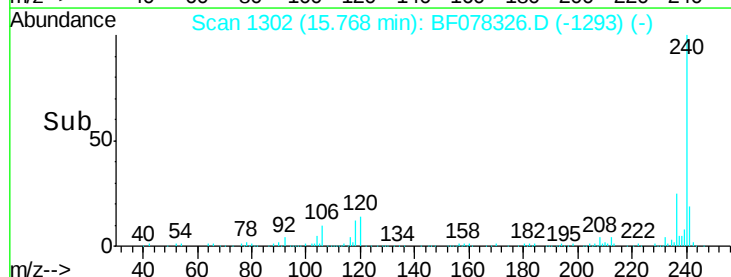
Tgt Ion:240 Resp: 192471
Ion Ratio Lower Upper
240 100
120 14.2 7.1 10.7#
236 24.9 21.4 32.2

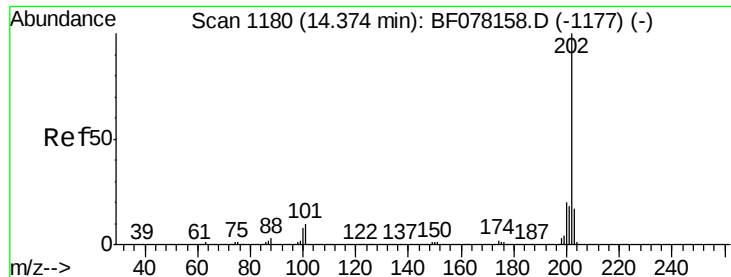


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pvrene

Concen: 2.19 ng

RT: 14.27 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

Instrument :

BNA_F

ClientSampleId :

S-A-3(J)DL

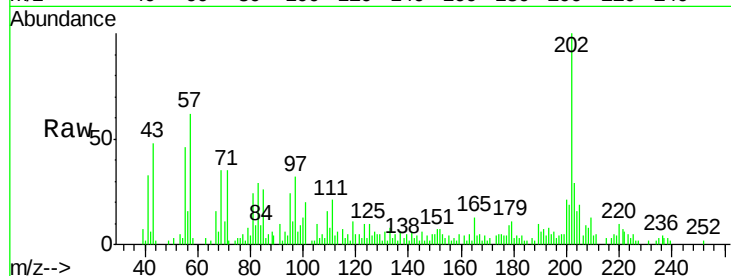
Tot Ion:202 Resp: 26424

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

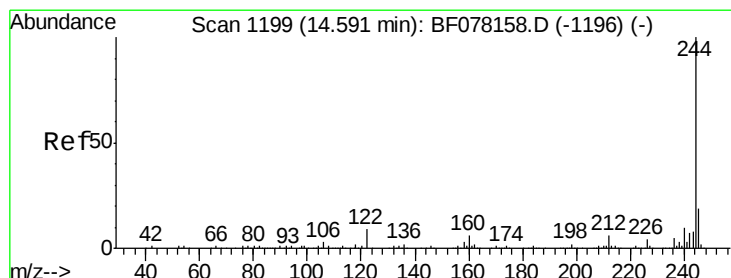
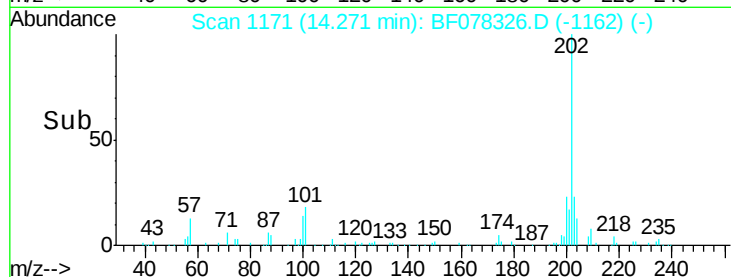
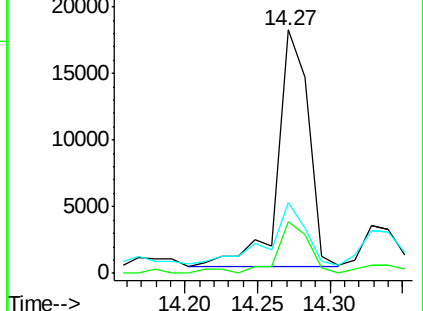
203 28.9 13.8 20.6#



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: 6.71 ng

RT: 14.50 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF078326.D

Acq: 8 Apr 2015 7:01

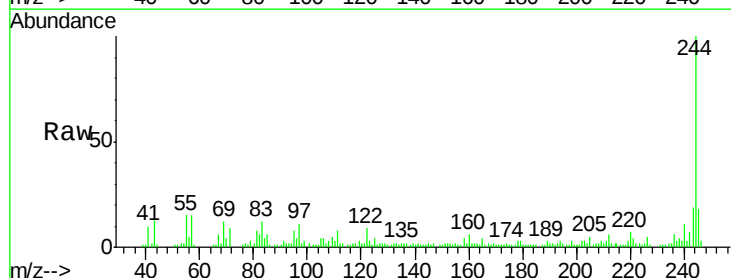
Tgt Ion:244 Resp: 57133

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

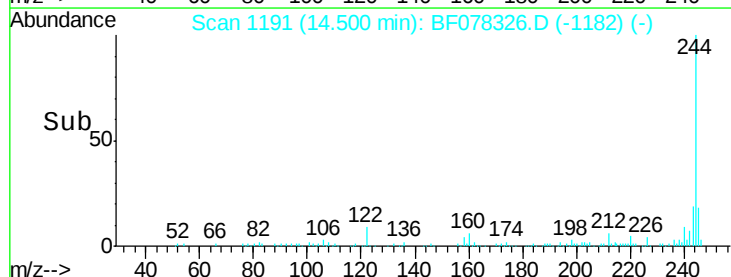
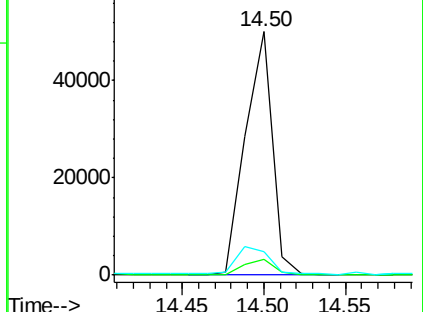
122 9.4 7.1 10.7

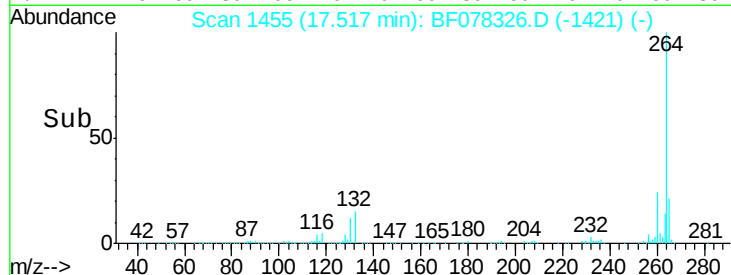
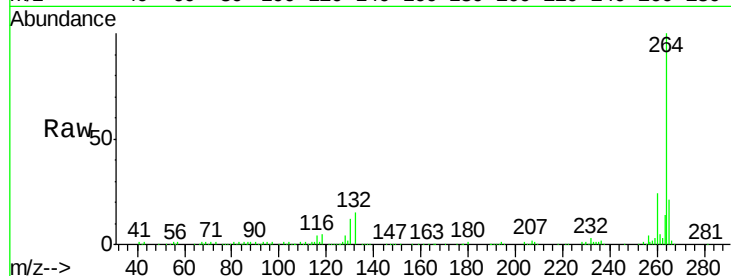
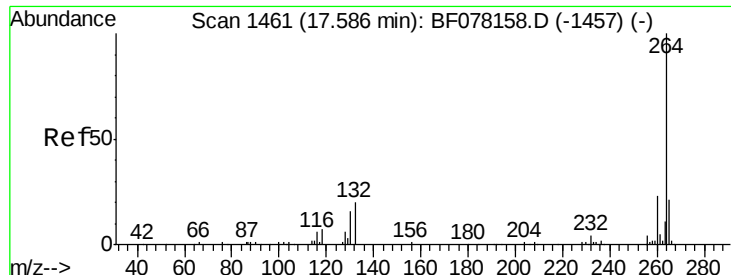


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.52 min Scan# 1455
 Delta R.T. 0.09 min
 Lab File: BF078326.D
 Acq: 8 Apr 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)DL

Tot Ion:264	Resp:	193342
Ion	Ratio	Lower Upper
264	100	
260	23.7	18.6 27.8
265	20.8	17.0 25.6

