

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078049.D
 Acq On : 27 Mar 2015 21:11
 Operator : TP/IZ
 Sample : PB82359BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82359BL

Quant Time: Mar 28 05:53:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	38120	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	157565	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	78796	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	155140	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	165630	20.00	ng	0.02
86) Perylene-d12	17.76	264	162400	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	260944	119.49	ng	0.00
7) Phenol-d6	6.67	99	328906	121.90	ng	0.00
23) Nitrobenzene-d5	7.77	82	177717	73.94	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	79787	105.83	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	412264	76.89	ng	0.00
78) Terphenyl-d14	14.65	244	516129	76.12	ng	0.00

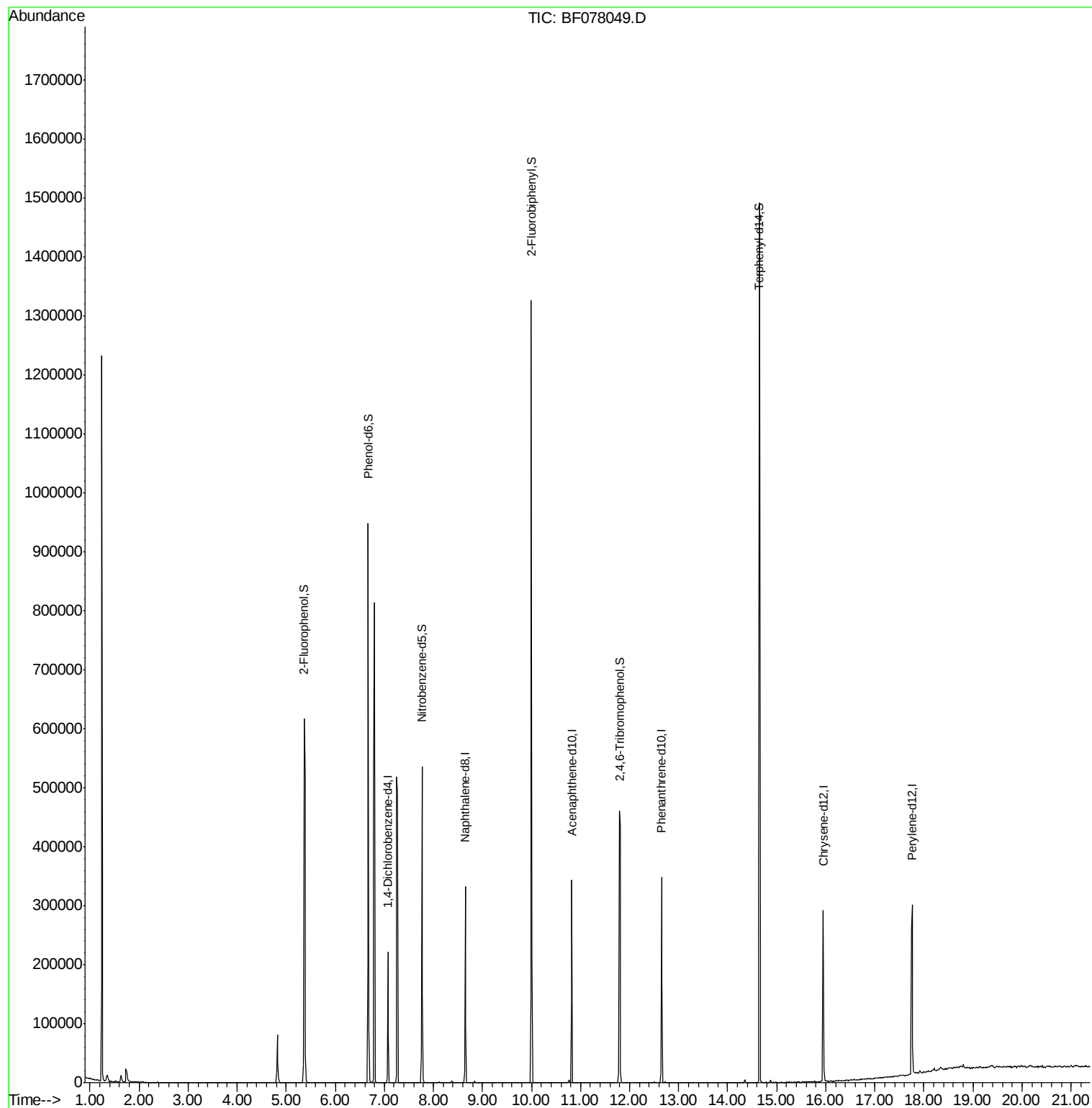
Target Compounds Qvalue

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

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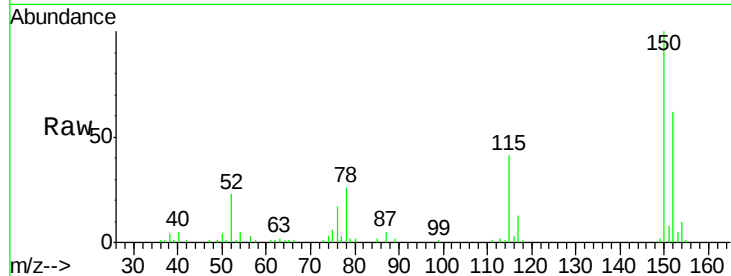


#1

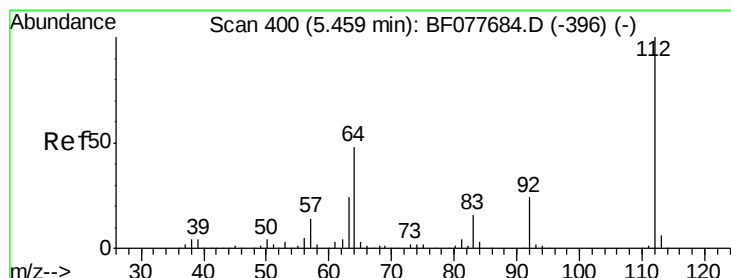
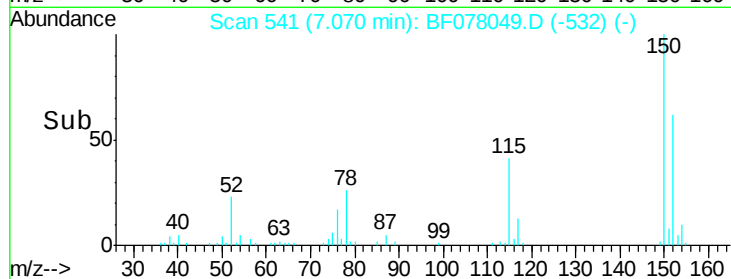
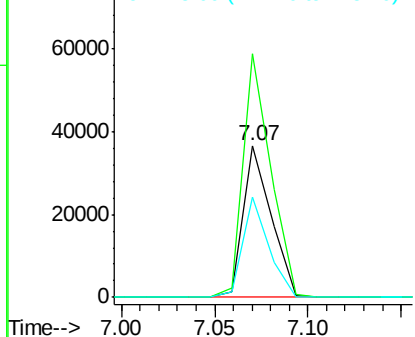
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078049.D
Acq: 27 Mar 2015 21:11

Instrument :
BNA_F
ClientSampleId :
PB82359BL

Tot Ion:152 Resp: 38120
Ion Ratio Lower Upper
152 100
150 160.2 119.5 179.3
115 65.7 43.0 64.4#



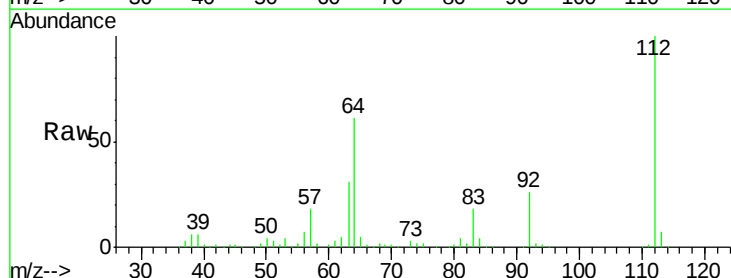
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



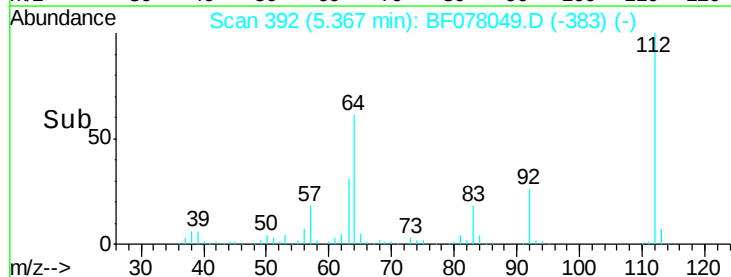
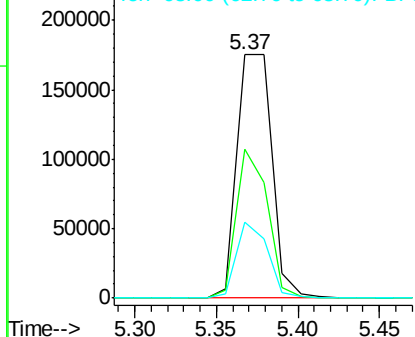
#5

2-Fluorophenol
Concen: 119.49 ng
RT: 5.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078049.D
Acq: 27 Mar 2015 21:11

Tgt Ion:112 Resp: 260944
Ion Ratio Lower Upper
112 100
64 61.4 38.6 57.8#
63 31.4 19.3 28.9#



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: 121.90 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

PB82359BL

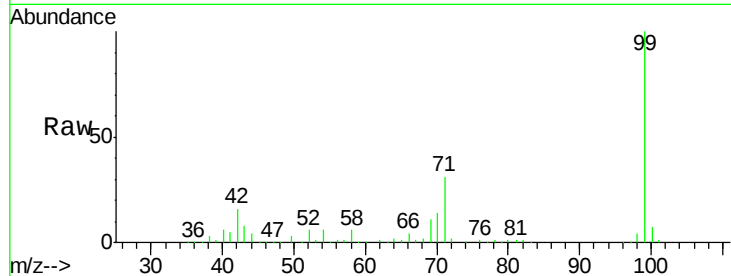
Tot Ion: 99 Resp: 328906

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

71 31.3 23.4 35.2

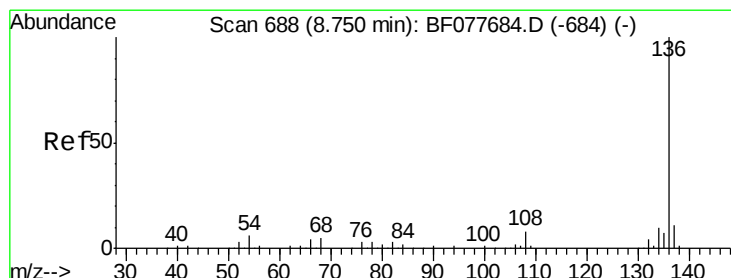
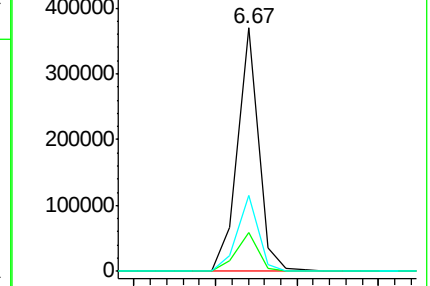
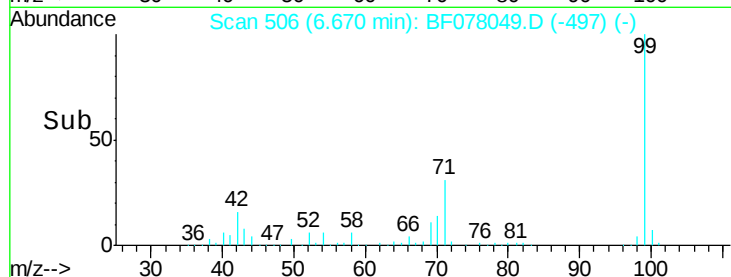


Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)

6.67



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

Tgt Ion: 136 Resp: 157565

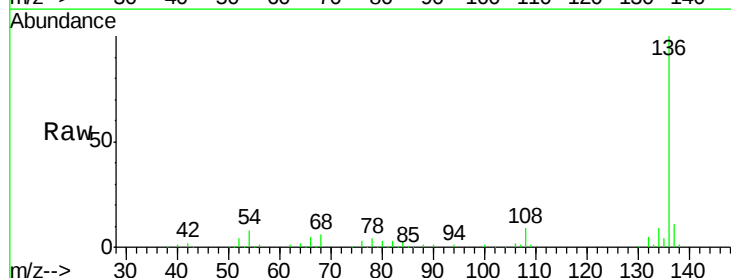
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.1 4.6 6.8#

68 6.2 3.7 5.5#



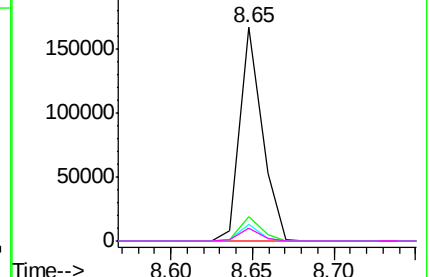
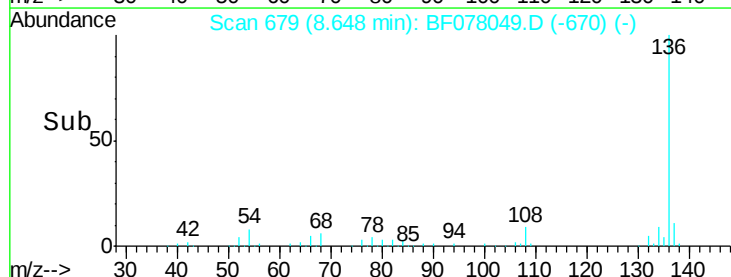
Abundance Ion 136.00 (135.70 to 136.70): BF077684.D (-684) (-)

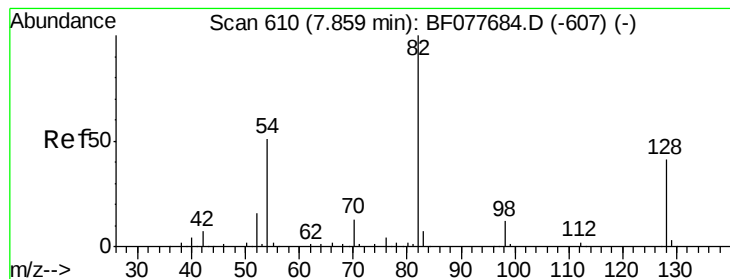
Ion 137.00 (136.70 to 137.70): BF077684.D (-684) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-684) (-)

Ion 68.00 (67.70 to 68.70): BF077684.D (-684) (-)

8.65





#23

Nitrobenzene-d5

Concen: 73.94 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleID :

PB82359BL

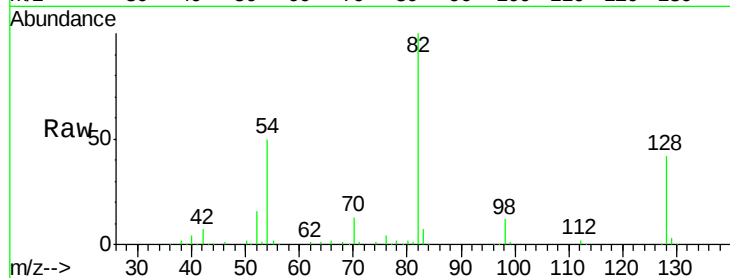
Tot Ion: 82 Resp: 177717

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

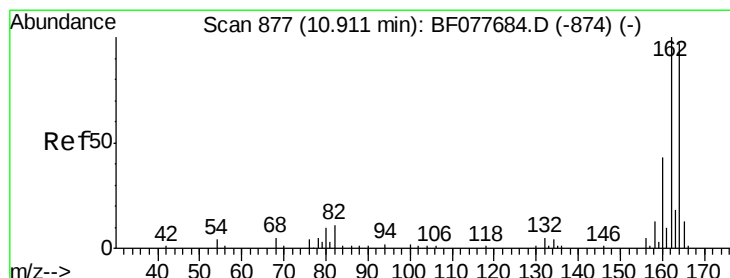
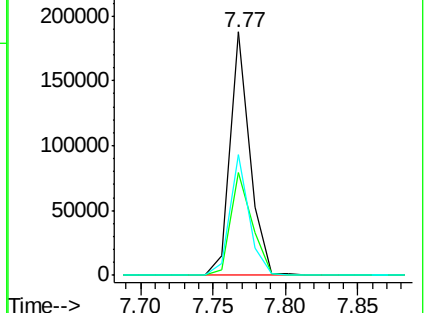
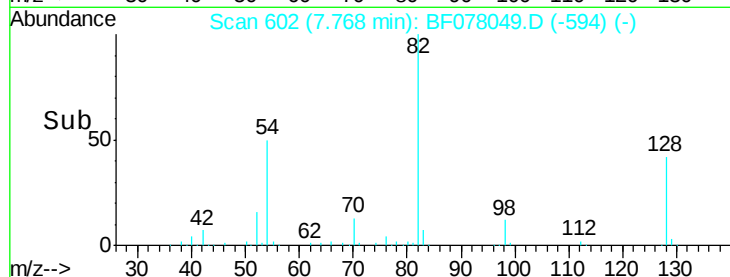
54 49.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

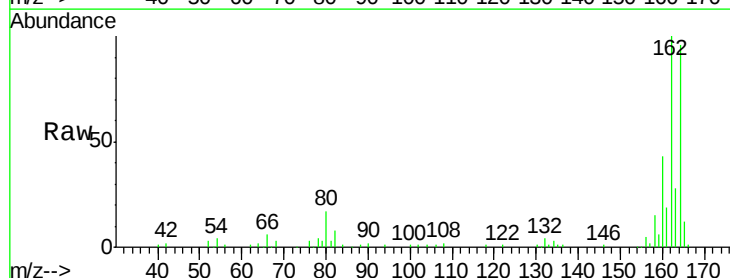
Tgt Ion: 164 Resp: 78796

Ion Ratio Lower Upper

164 100

162 103.8 82.4 123.6

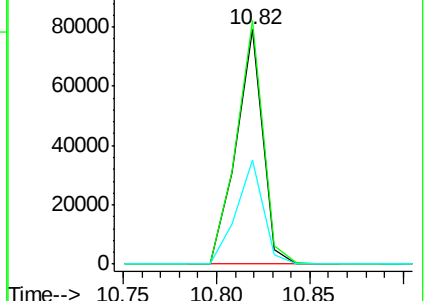
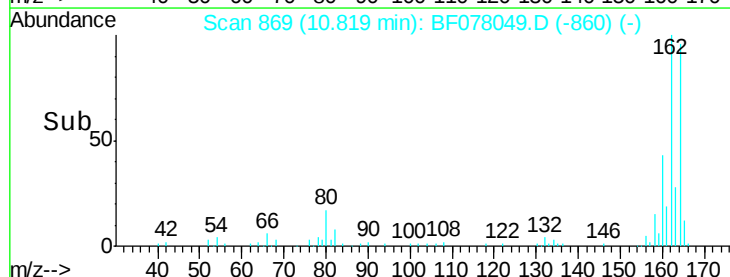
160 44.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)





#41

2,4,6-Tribromophenol

Concen: 105.83 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

Instrument :

BNA_F

ClientSampleId :

PB82359BL

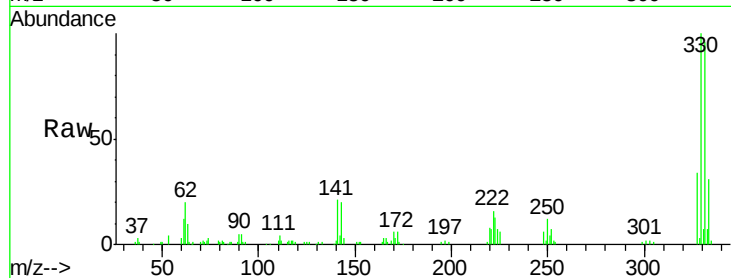
Tot Ion:330 Resp: 79787

Ion Ratio Lower Upper

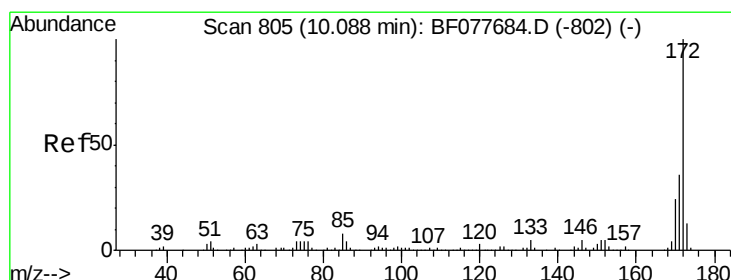
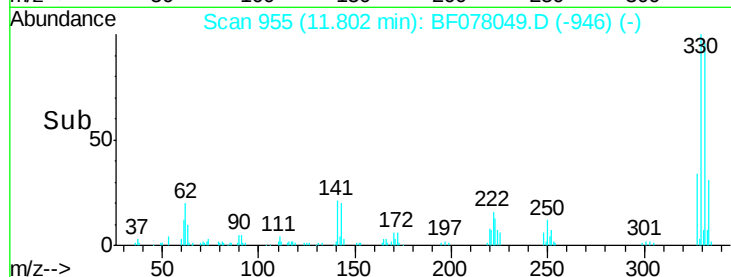
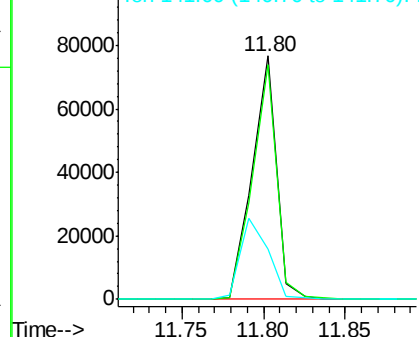
330 100

332 95.8 0.0 0.0#

141 37.6 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: 76.89 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF078049.D

Acq: 27 Mar 2015 21:11

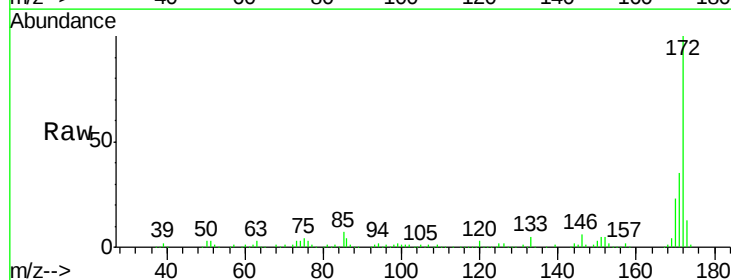
Tgt Ion:172 Resp: 412264

Ion Ratio Lower Upper

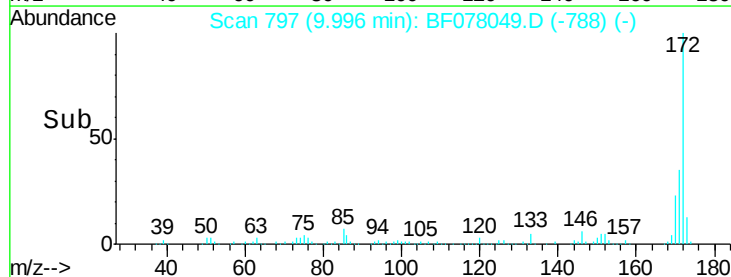
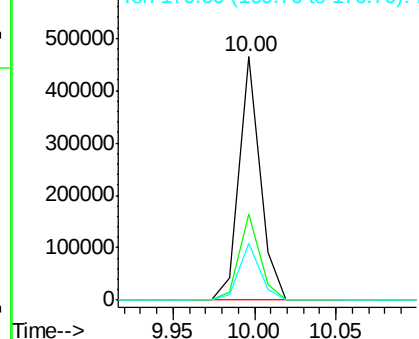
172 100

171 35.4 28.5 42.7

170 23.4 18.8 28.2



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

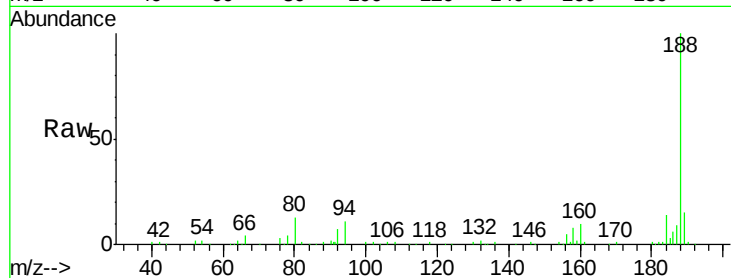




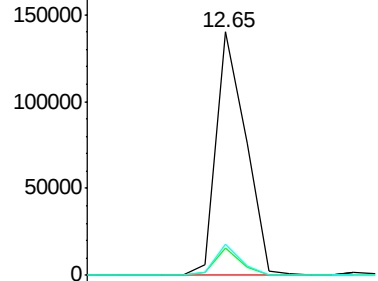
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078049.D
Acq: 27 Mar 2015 21:11

Instrument :
BNA_F
ClientSampleId :
PB82359BL

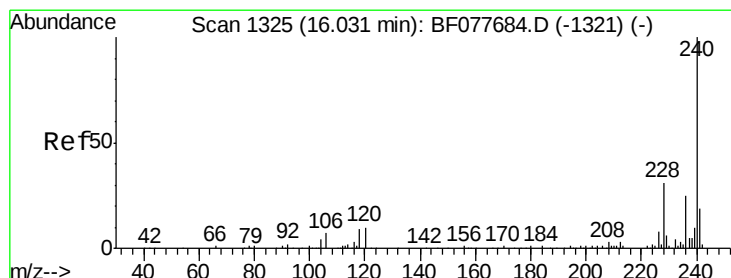
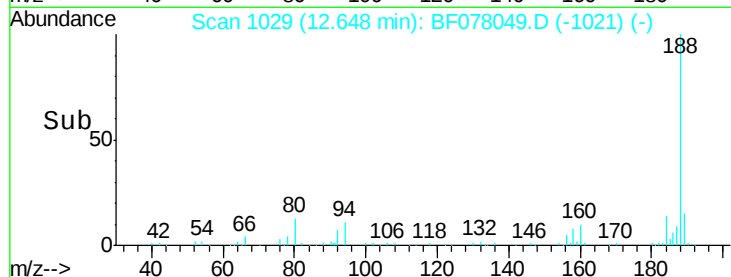
Tot Ion:188 Resp: 155140
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.6 9.3 13.9



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

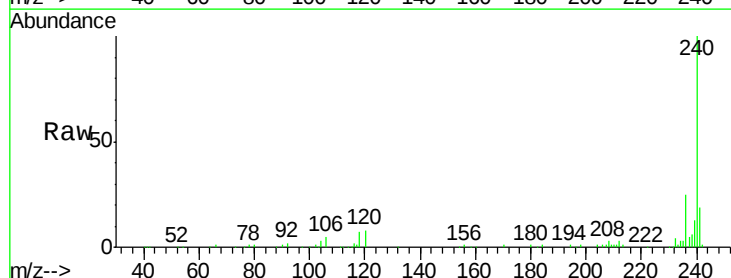


Time-->

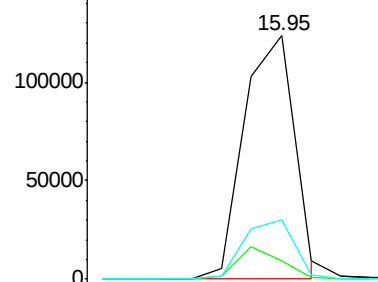


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF078049.D
Acq: 27 Mar 2015 21:11

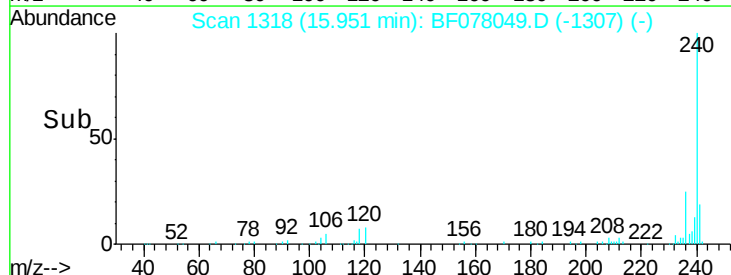
Tgt Ion:240 Resp: 165630
Ion Ratio Lower Upper
240 100
120 7.6 8.2 12.2#
236 24.5 20.0 30.0



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-->

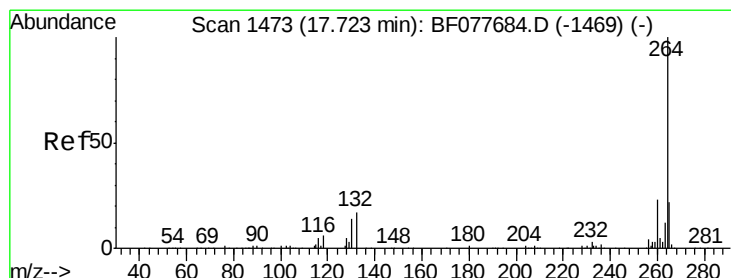
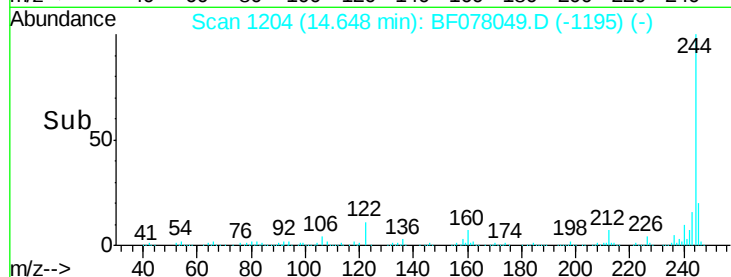
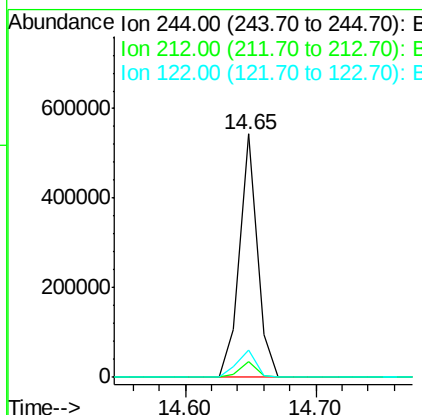
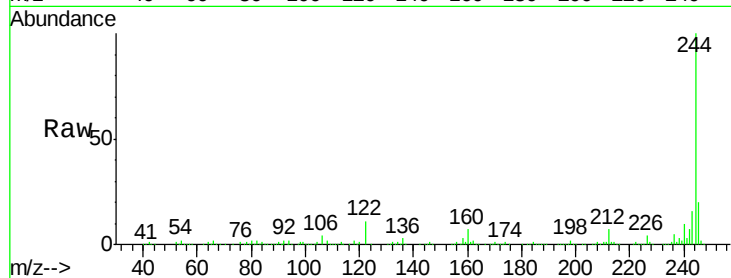




#78
 Terphenyl-d14
 Concen: 76.12 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078049.D
 Acq: 27 Mar 2015 21:11

Instrument :
 BNA_F
 ClientSampleId :
 PB82359BL

Tot Ion:244 Resp: 516129
 Ion Ratio Lower Upper
 244 100
 212 6.5 4.9 7.3
 122 11.5 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.14 min
 Lab File: BF078049.D
 Acq: 27 Mar 2015 21:11

Tgt Ion:264 Resp: 162400
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 27.8
 265 21.7 17.3 25.9

