

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077049.D
 Acq On : 26 Jan 2015 12:19
 Operator : TP/IZ
 Sample : PB81273BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BL

Quant Time: Jan 27 00:04:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 26 23:54:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	25540	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	106955	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	56422	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	98863	20.00	ng	-0.01
75) Chrysene-d12	21.13	240	99527	20.00	ng	-0.01
86) Perylene-d12	22.78	264	93060	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	192343	123.82	ng	0.00
7) Phenol-d6	7.17	99	232275	118.53	ng	0.00
23) Nitrobenzene-d5	9.06	82	145393	75.31	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	53775	117.41	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	292873	78.99	ng	0.00
78) Terphenyl-d14	19.88	244	328480	75.98	ng	0.00

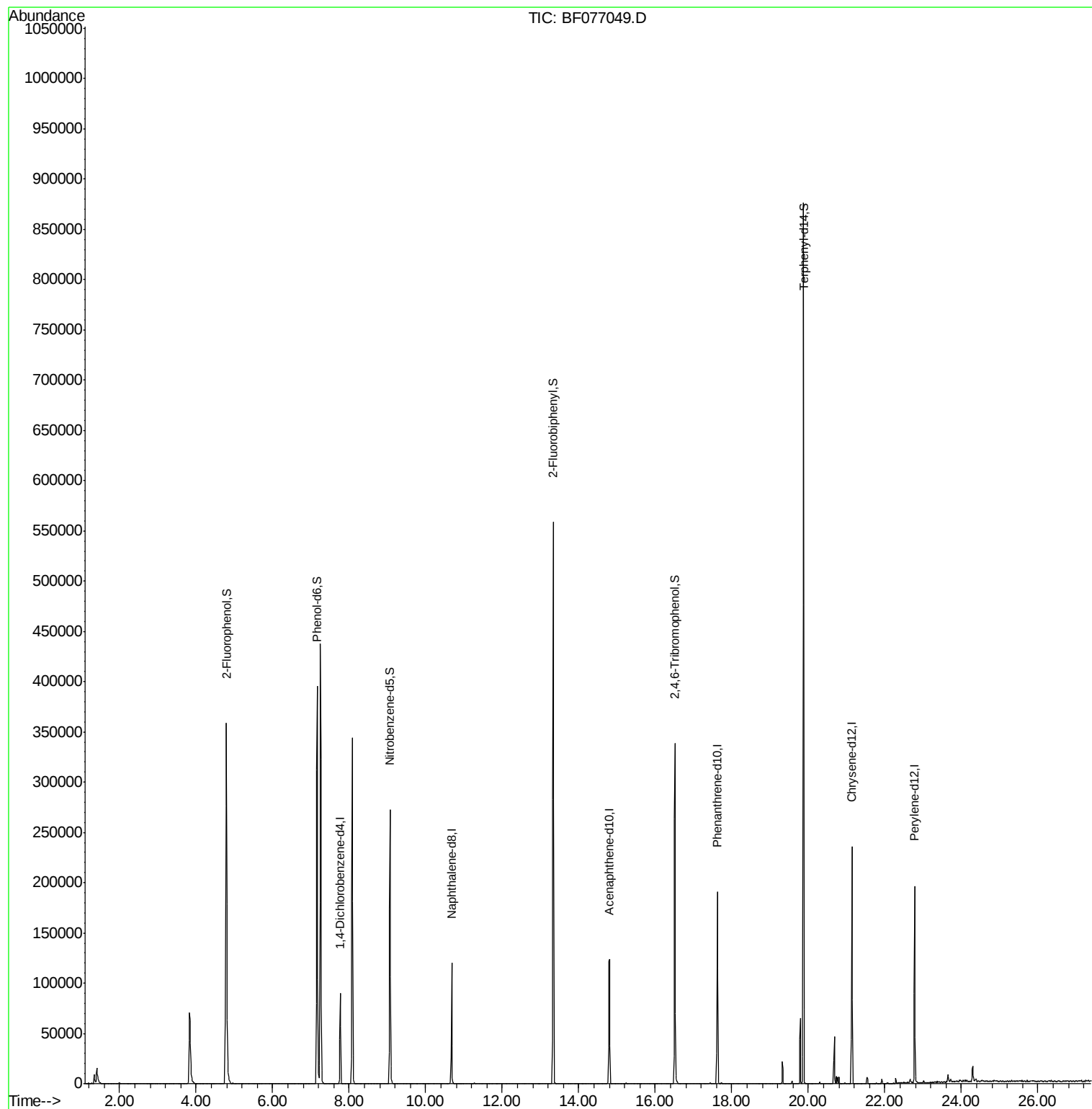
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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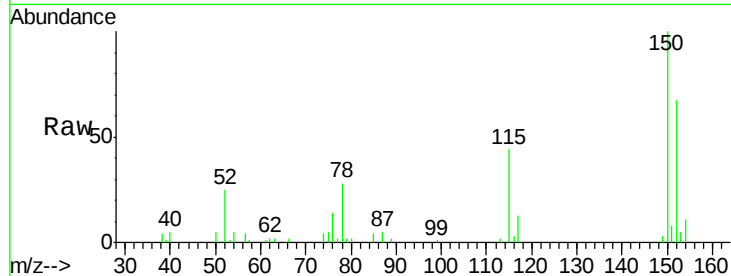


#1

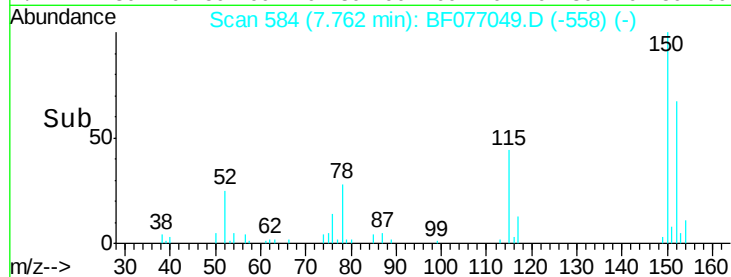
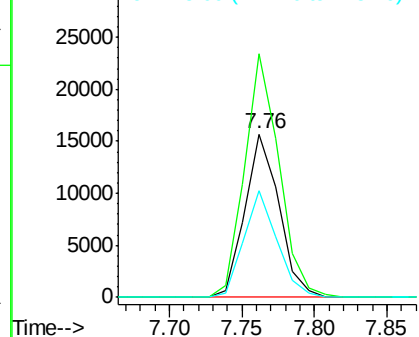
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077049.D
Acq: 26 Jan 2015 12:19

Instrument :
BNA_F
ClientSampleId :
PB81273BL

Tgt Ion:152 Resp: 25540
Ion Ratio Lower Upper
152 100
150 149.4 121.7 182.5
115 65.2 47.0 70.6



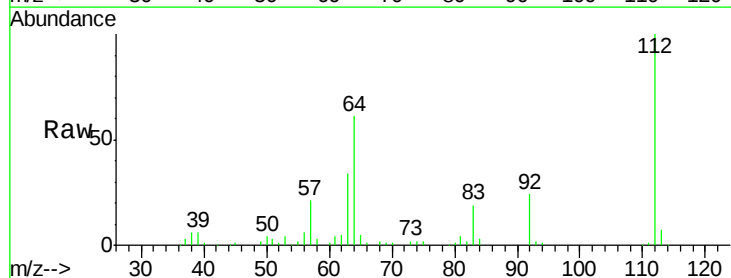
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



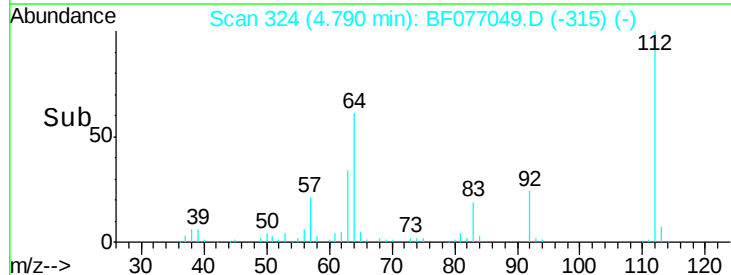
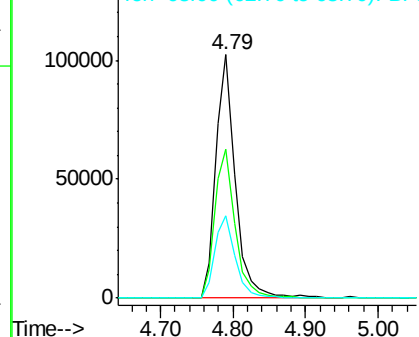
#5

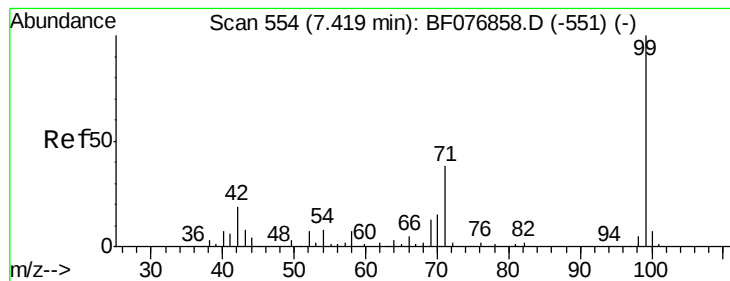
2-Fluorophenol
Concen: 123.82 ng
RT: 4.79 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF077049.D
Acq: 26 Jan 2015 12:19

Tgt Ion:112 Resp: 192343
Ion Ratio Lower Upper
112 100
64 61.2 54.2 81.4
63 33.7 28.4 42.6



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: 118.53 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

Instrument :

BNA_F

ClientSampleId :

PB81273BL

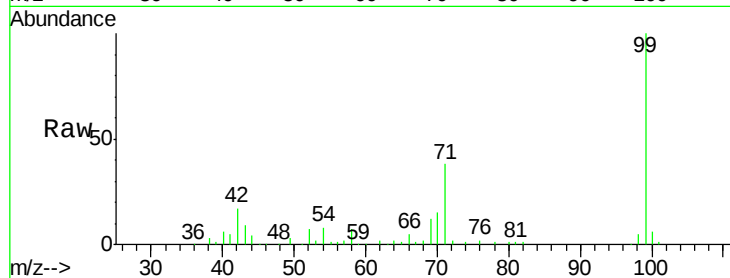
Tgt Ion: 99 Resp: 232275

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.4

71 37.7 30.5 45.7

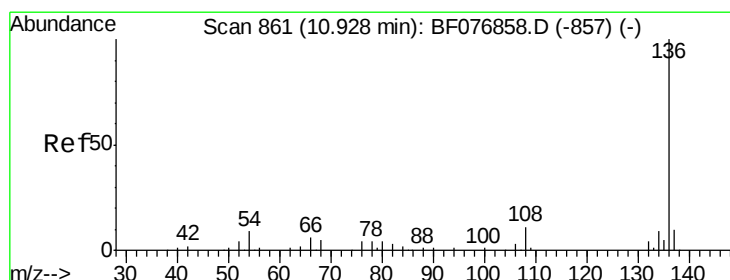
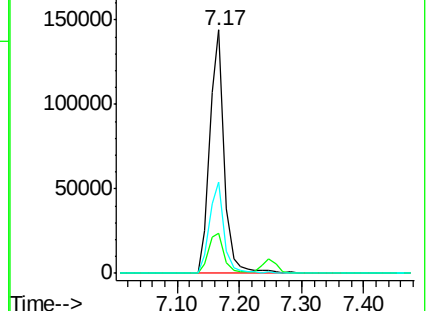
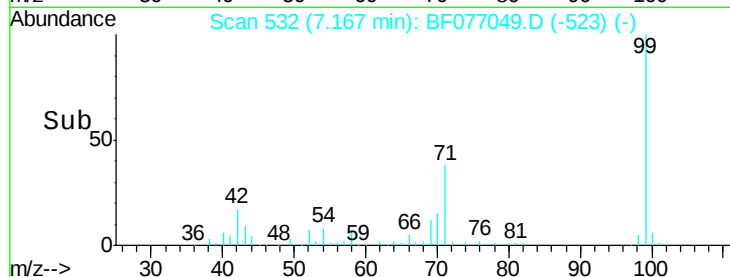


Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

Tgt Ion: 136 Resp: 106955

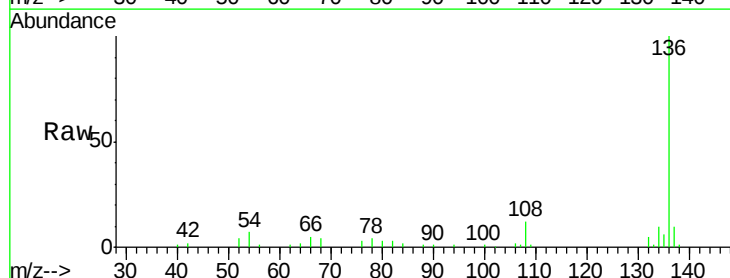
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 7.4 7.0 10.4

68 4.1 3.7 5.5



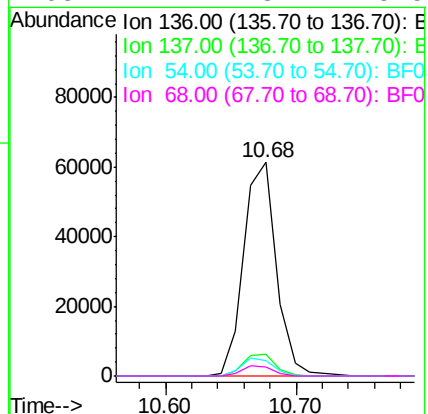
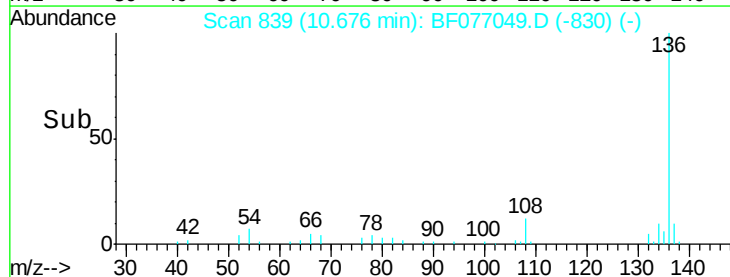
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

Time-->

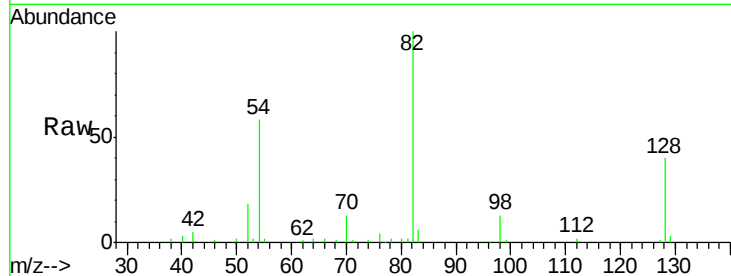




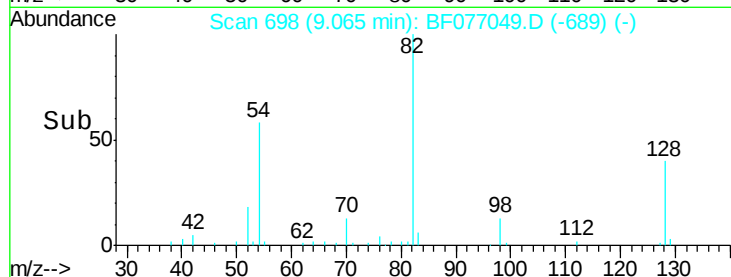
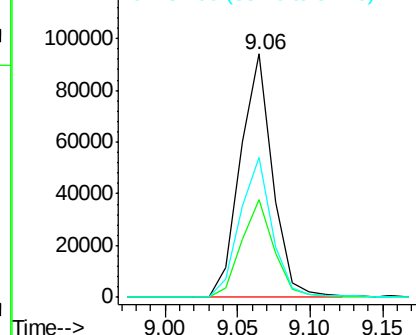
#23
 Nitrobenzene-d5
 Concen: 75.31 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077049.D
 Acq: 26 Jan 2015 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.1	49.7
54	57.6	48.3	72.5

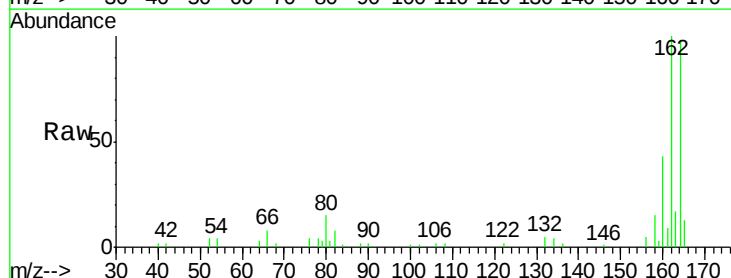


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

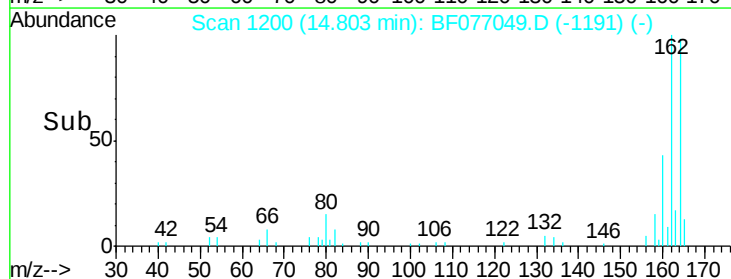
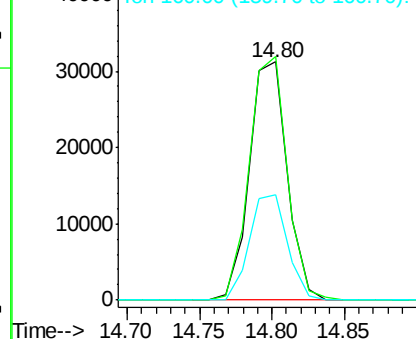


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077049.D
 Acq: 26 Jan 2015 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	44.2	34.8	52.2



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: 117.41 ng

RT: 16.52 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

Instrument :

BNA_F

ClientSampled :

PB81273BL

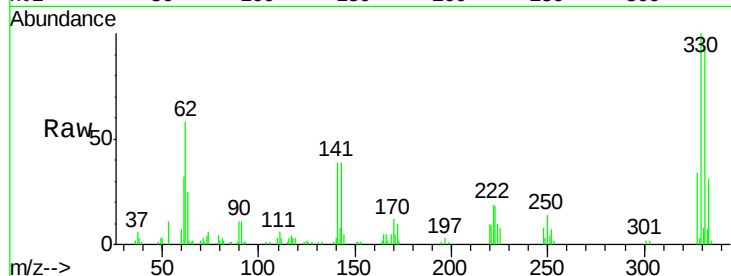
Tgt Ion:330 Resp: 53775

Ion Ratio Lower Upper

330 100

332 95.1 77.8 116.6

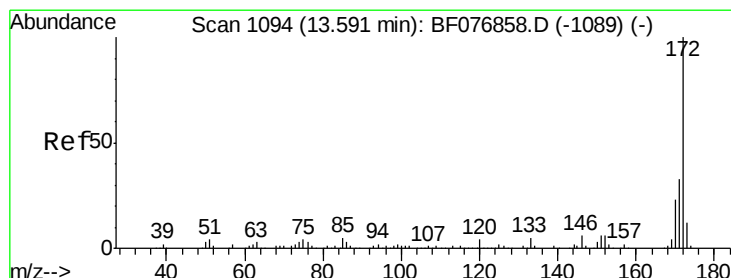
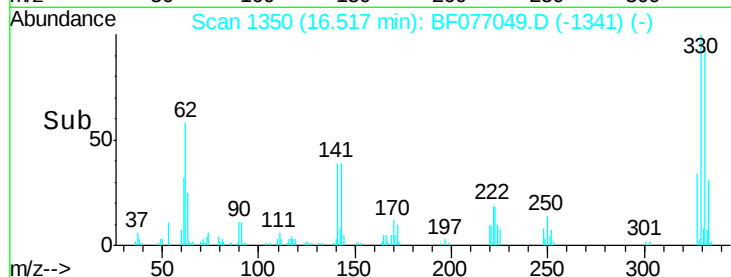
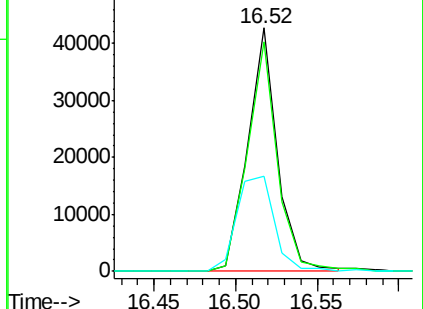
141 49.1 38.5 57.7



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: 78.99 ng

RT: 13.33 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

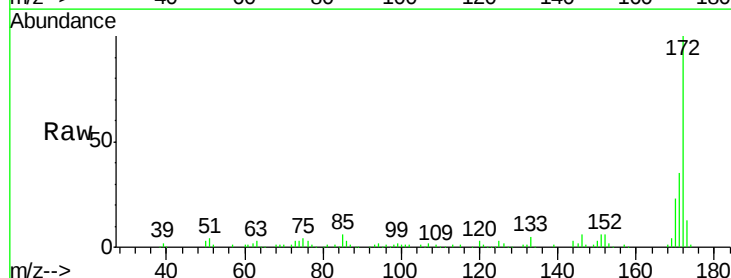
Tgt Ion:172 Resp: 292873

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

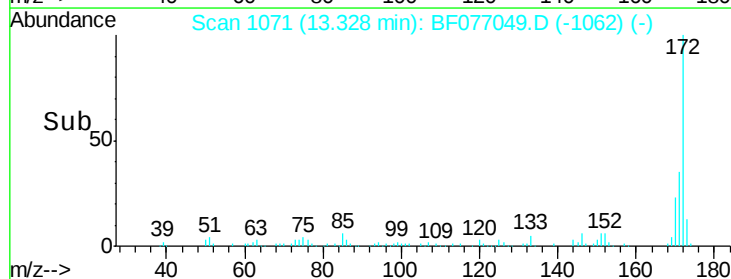
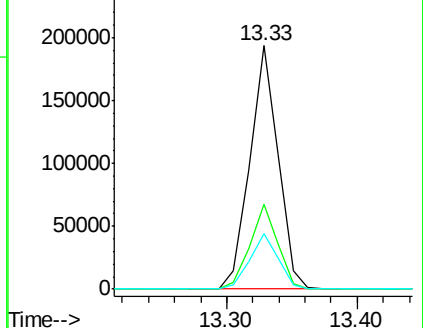
170 22.7 18.0 27.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

Instrument :

BNA_F

ClientSampleId :

PB81273BL

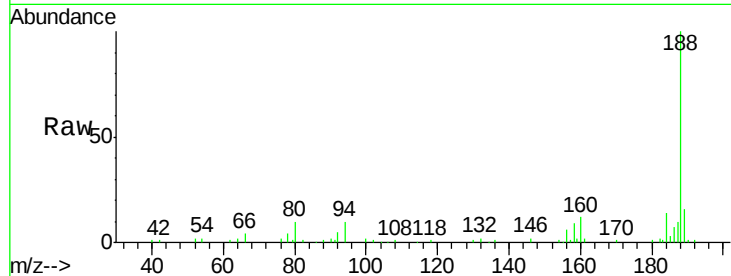
Tgt Ion:188 Resp: 98863

Ion Ratio Lower Upper

188 100

94 9.6 6.0 9.0#

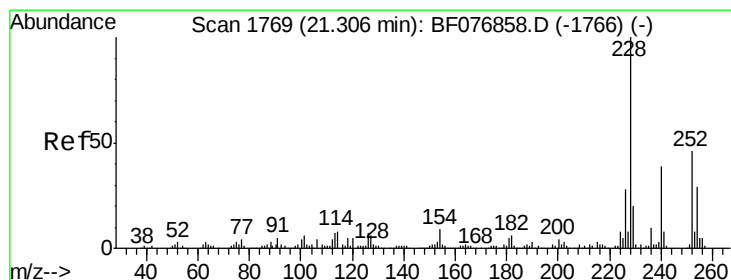
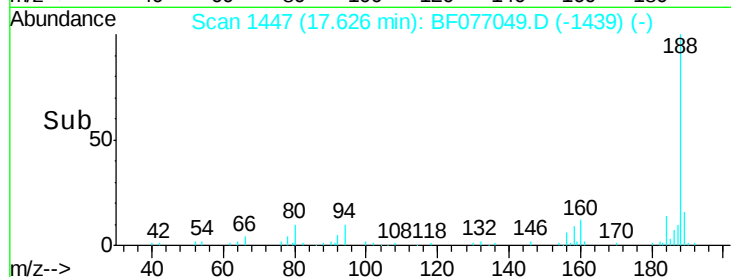
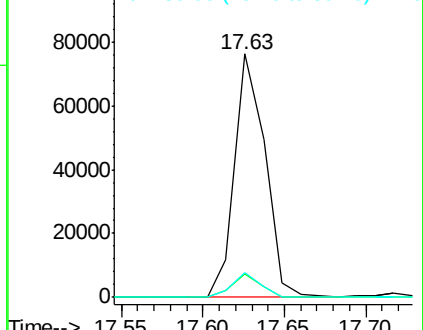
80 10.2 6.9 10.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF077049.D

Acq: 26 Jan 2015 12:19

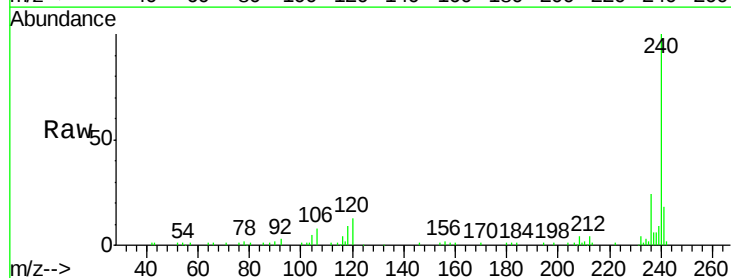
Tgt Ion:240 Resp: 99527

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

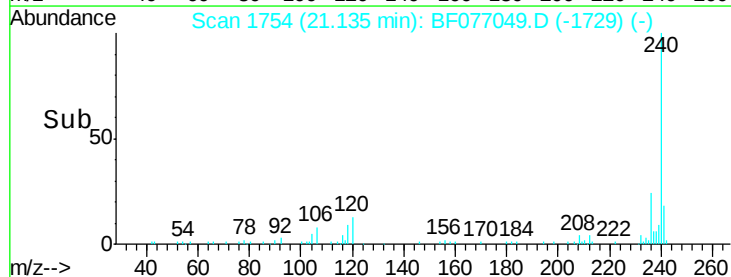
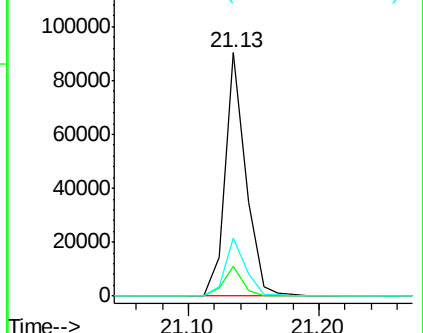
236 23.6 20.2 30.2



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

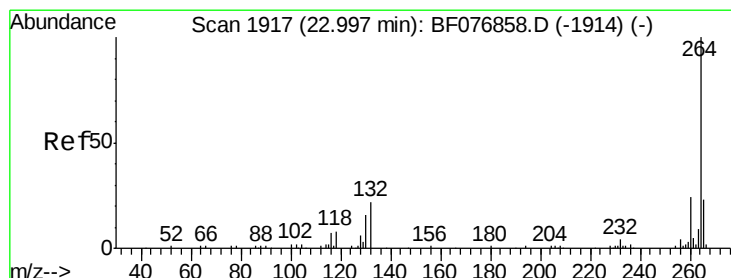
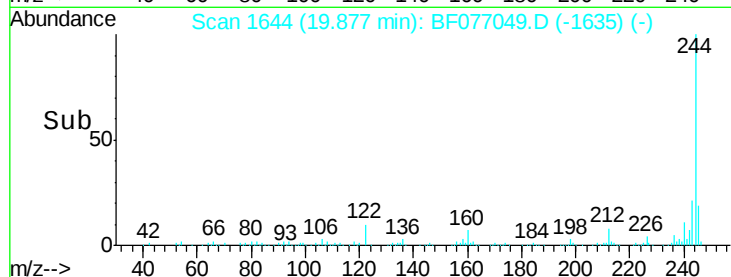
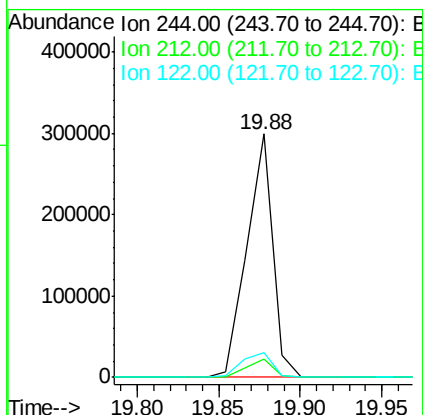
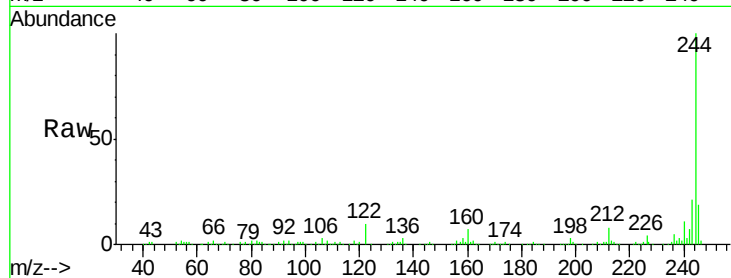




#78
 Terphenyl-d14
 Concen: 75.98 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077049.D
 Acq: 26 Jan 2015 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB81273BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.0	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF077049.D
 Acq: 26 Jan 2015 12:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	20.9	18.1	27.1

