

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078209.D
 Acq On : 2 Apr 2015 19:44
 Operator : TP/IZ
 Sample : G1710-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Apr 03 01:17:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	41803	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	168504	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82043	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	166970	20.00	ng	0.00
75) Chrysene-d12	15.87	240	167527	20.00	ng	-0.01
86) Perylene-d12	17.60	264	160793	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	126739	49.99	ng	0.01
7) Phenol-d6	6.60	99	98011	30.85	ng	0.00
23) Nitrobenzene-d5	7.71	82	230764	83.01	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	96571	141.93	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	504078	87.82	ng	0.00
78) Terphenyl-d14	14.59	244	553398	74.64	ng	0.00

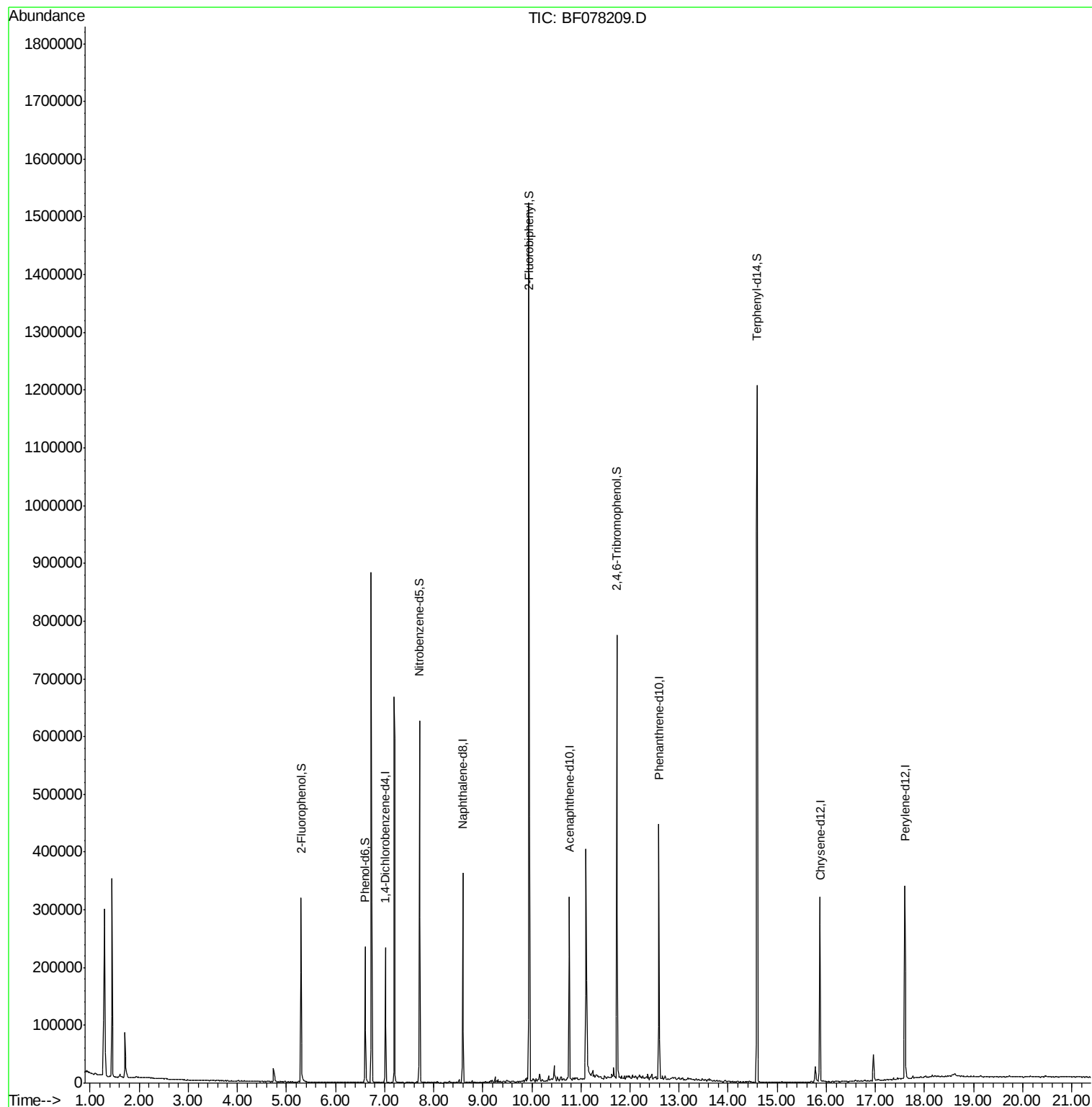
Target Compounds Qvalue

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

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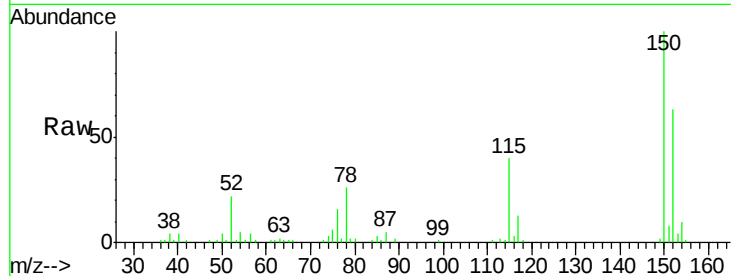


#1

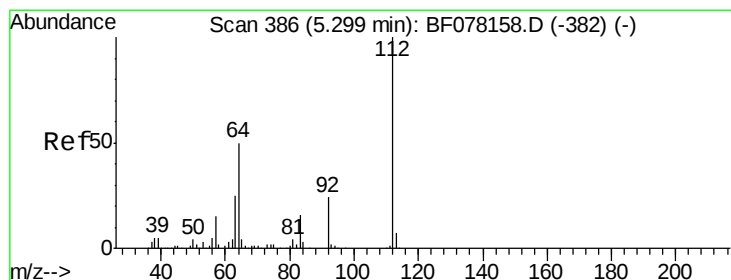
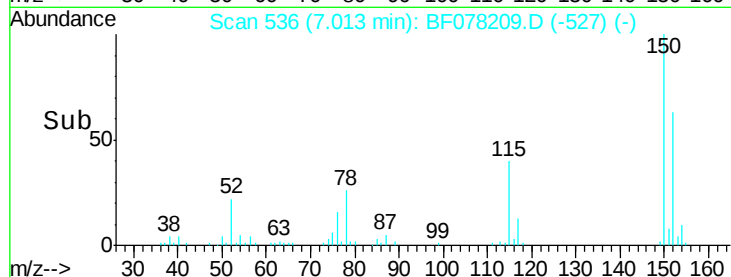
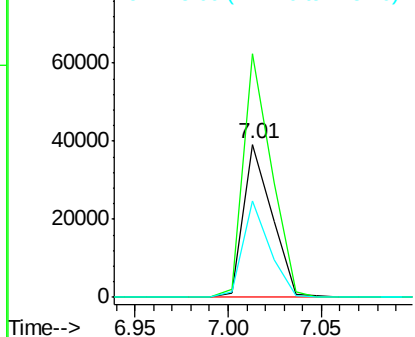
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078209.D
Acq: 2 Apr 2015 19:44

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion:152 Resp: 41803
Ion Ratio Lower Upper
152 100
150 159.1 125.9 188.9
115 63.4 52.7 79.1



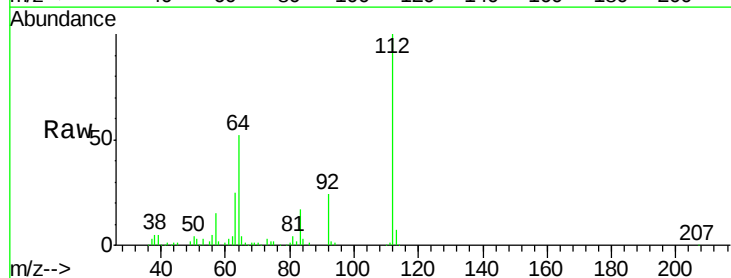
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



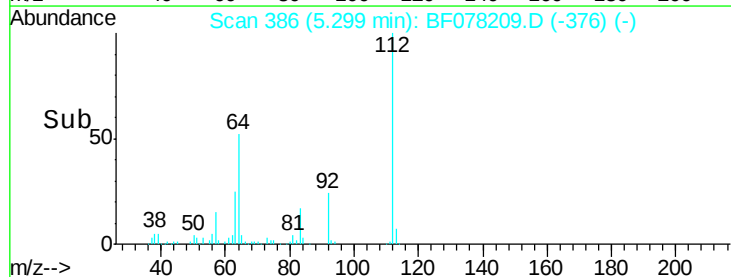
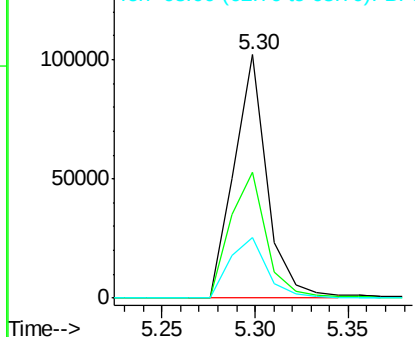
#5

2-Fluorophenol
Concen: 49.99 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF078209.D
Acq: 2 Apr 2015 19:44

Tgt Ion:112 Resp: 126739
Ion Ratio Lower Upper
112 100
64 51.6 39.9 59.9
63 25.1 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: 30.85 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078209.D

Acq: 2 Apr 2015 19:44

Instrument :

BNA_F

ClientSampleId :

W-25

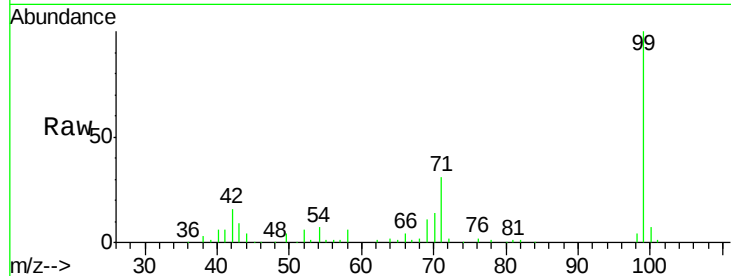
Tot Ion: 99 Resp: 98011

Ion Ratio Lower Upper

99 100

42 16.2 14.8 22.2

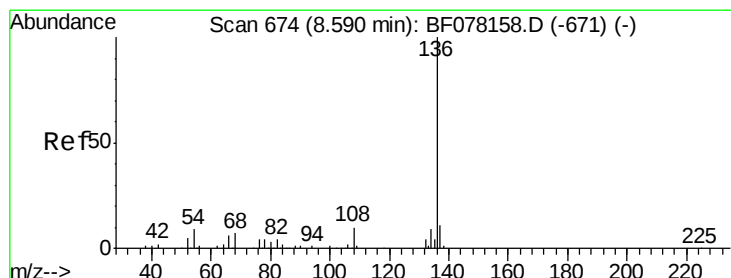
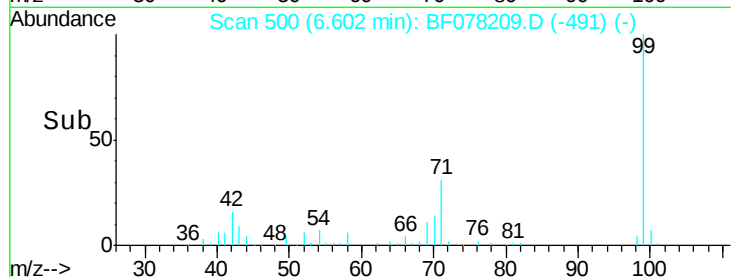
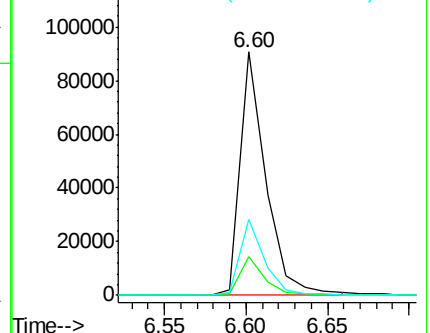
71 31.3 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078209.D

Acq: 2 Apr 2015 19:44

Tgt Ion: 136 Resp: 168504

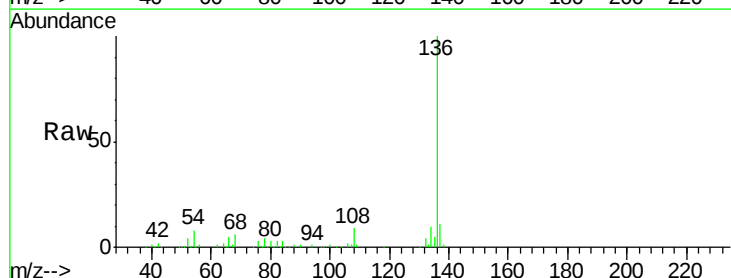
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.7 7.0 10.6

68 6.3 5.4 8.2

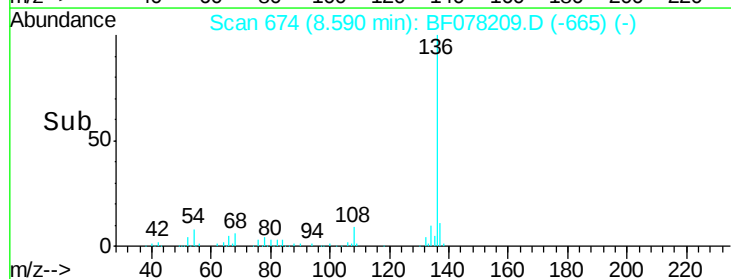
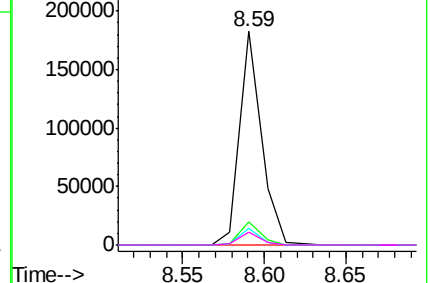


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.01 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078209.D

Acq: 2 Apr 2015 19:44

Instrument :

BNA_F

ClientSampleId :

W-25

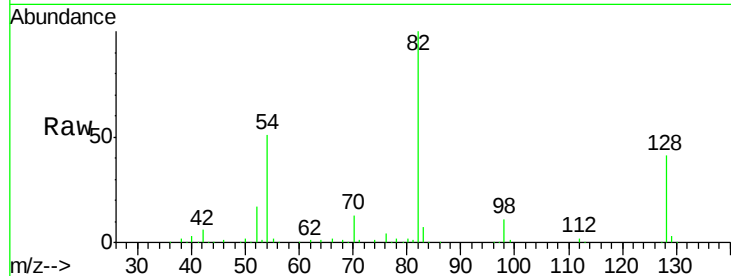
Tot Ion: 82 Resp: 230764

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.8

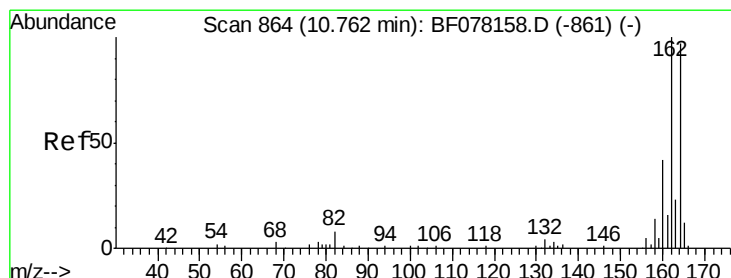
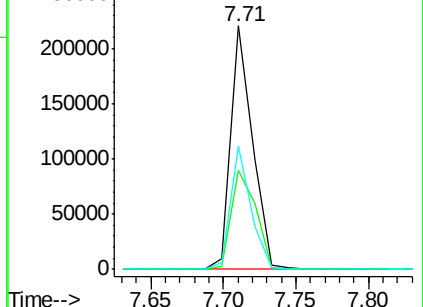
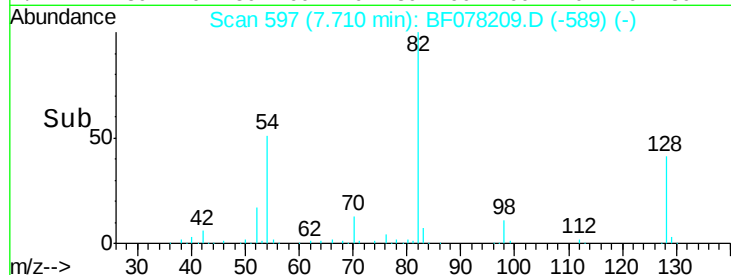
54 50.7 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078209.D

Acq: 2 Apr 2015 19:44

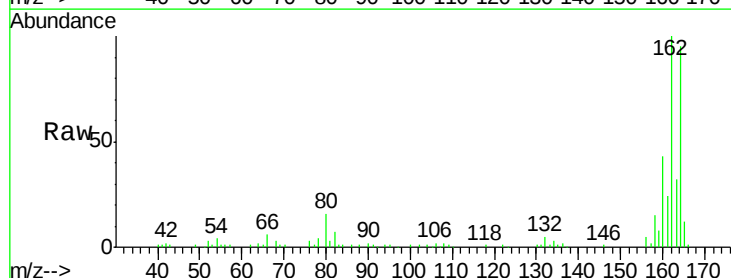
Tgt Ion: 164 Resp: 82043

Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.2

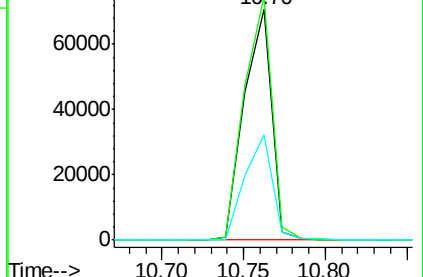
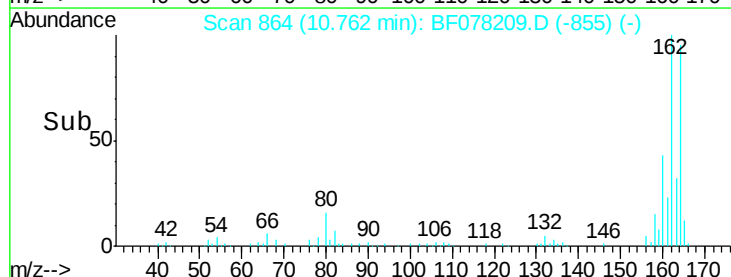
160 45.7 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF078158.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF078158.D (-861) (-)

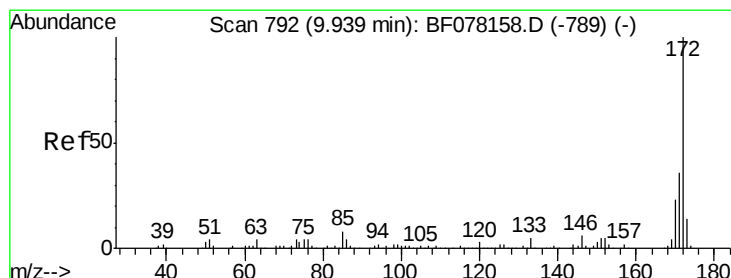
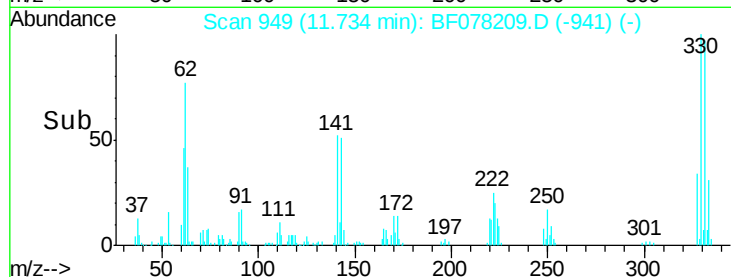
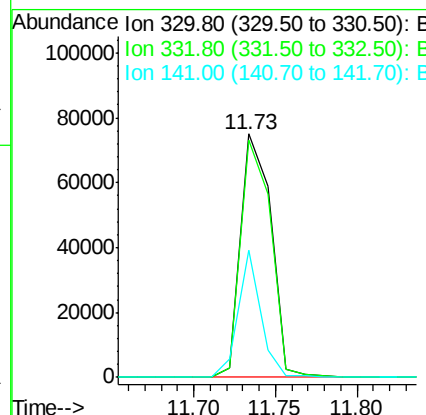
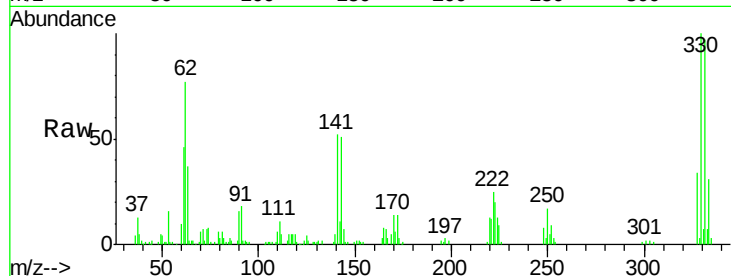




#41
 2,4,6-Tribromophenol
 Concen: 141.93 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078209.D
 Acq: 2 Apr 2015 19:44

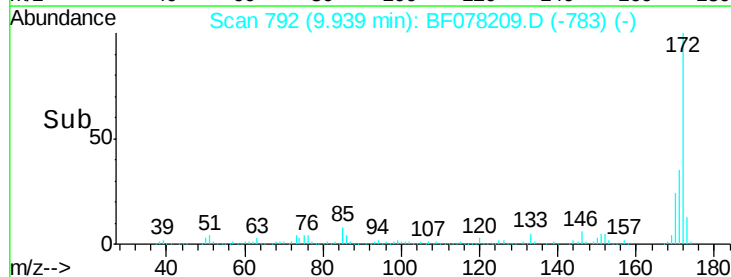
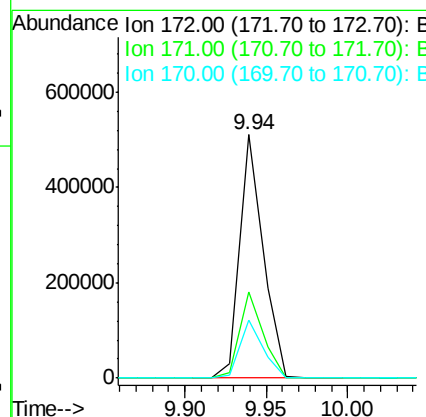
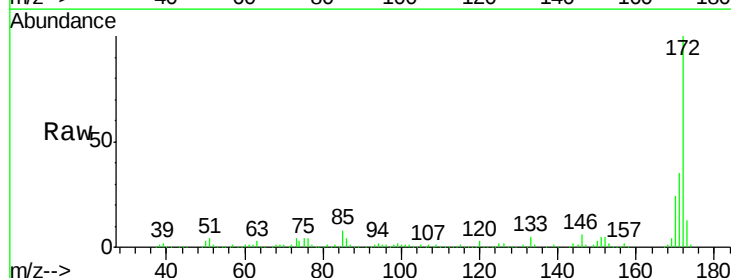
Instrument :
 BNA_F
 ClientSampleID :
 W-25

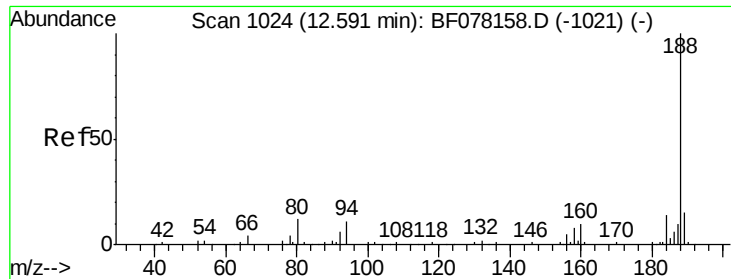
Tot Ion:330 Resp: 96571
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 117.8
 141 38.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 87.82 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078209.D
 Acq: 2 Apr 2015 19:44

Tgt Ion:172 Resp: 504078
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.9 18.5 27.7

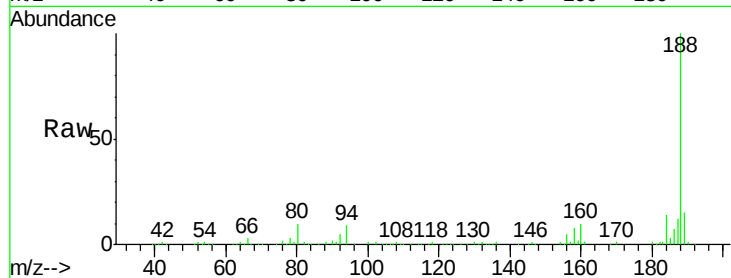




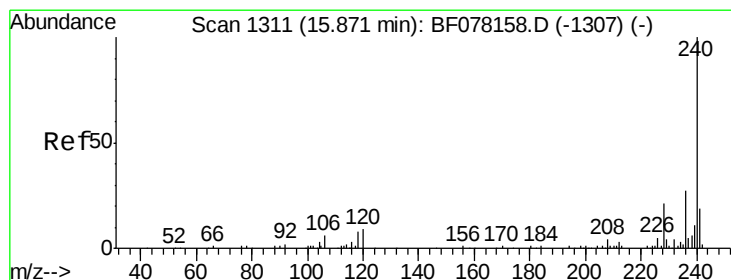
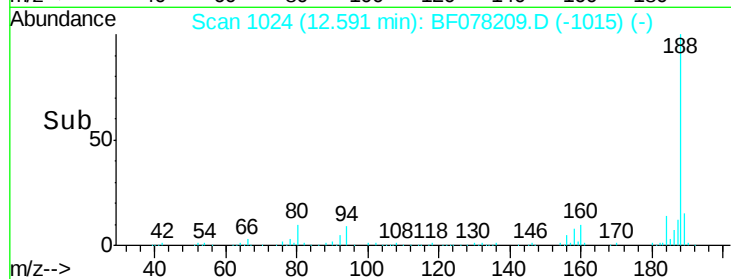
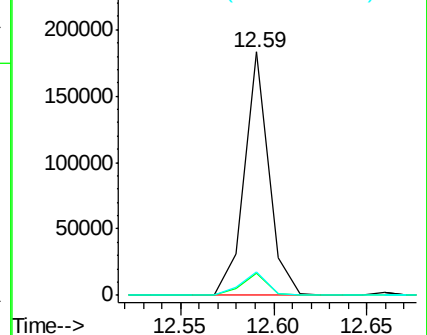
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078209.D
Acq: 2 Apr 2015 19:44

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.8	9.5	14.3

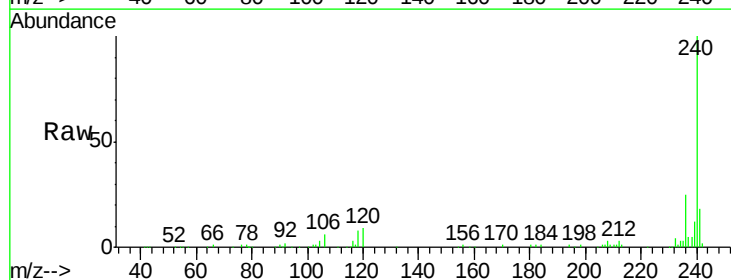


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

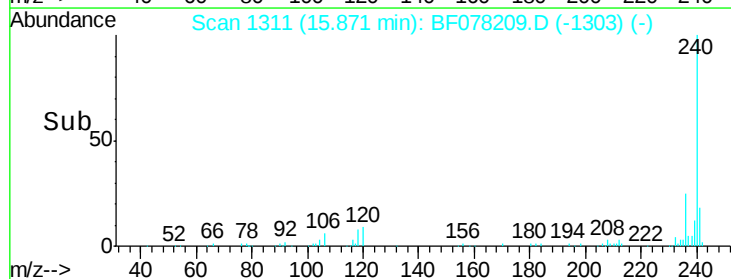
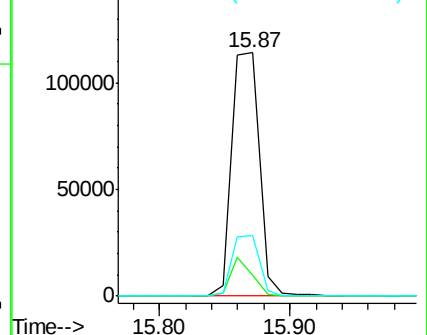


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF078209.D
Acq: 2 Apr 2015 19:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	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

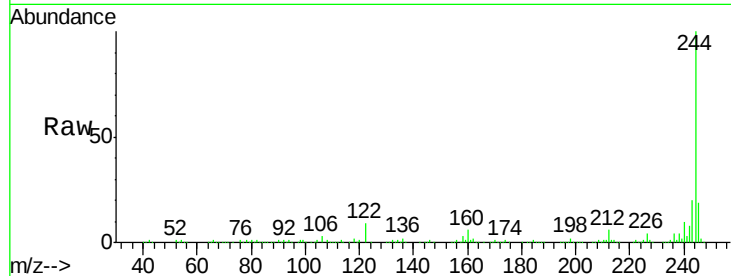




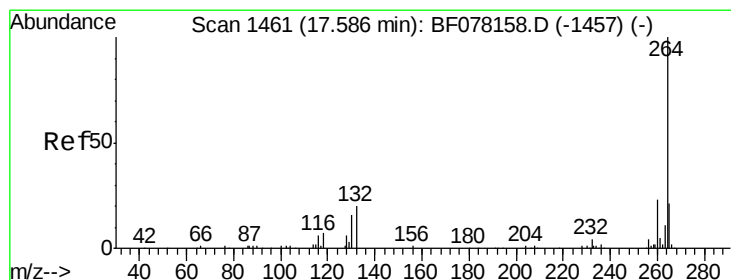
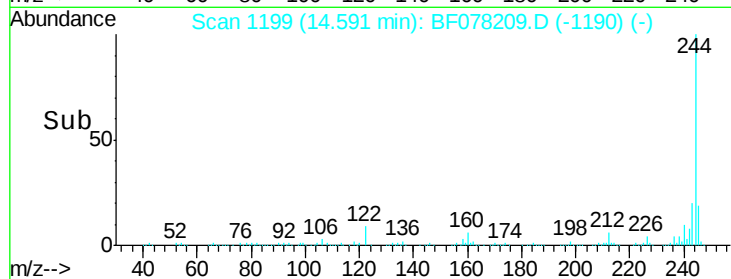
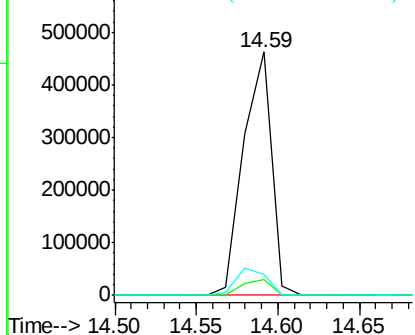
#78
 Terphenyl-d14
 Concen: 74.64 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078209.D
 Acq: 2 Apr 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	8.6	7.1	10.7

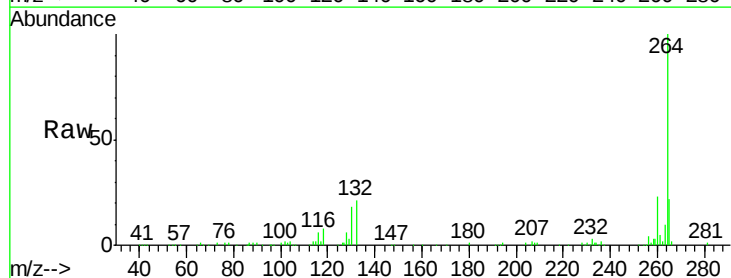


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.07 min
 Lab File: BF078209.D
 Acq: 2 Apr 2015 19:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.8	17.0	25.6



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

