

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077162.D
 Acq On : 3 Feb 2015 15:25
 Operator : TP/IZ
 Sample : PB81581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 00:10:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 03 23:50:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	25013	20.00	ng	0.01
21) Naphthalene-d8	10.59	136	98096	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	46980	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	88513	20.00	ng	0.00
75) Chrysene-d12	21.08	240	84522	20.00	ng	0.01
86) Perylene-d12	22.84	264	76529	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	183534	120.64	ng	0.00
7) Phenol-d6	7.08	99	229759	119.72	ng	-0.01
23) Nitrobenzene-d5	8.98	82	133886	75.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.44	330	44976	117.94	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	279443	90.52	ng	-0.01
78) Terphenyl-d14	19.81	244	316927	86.32	ng	0.00

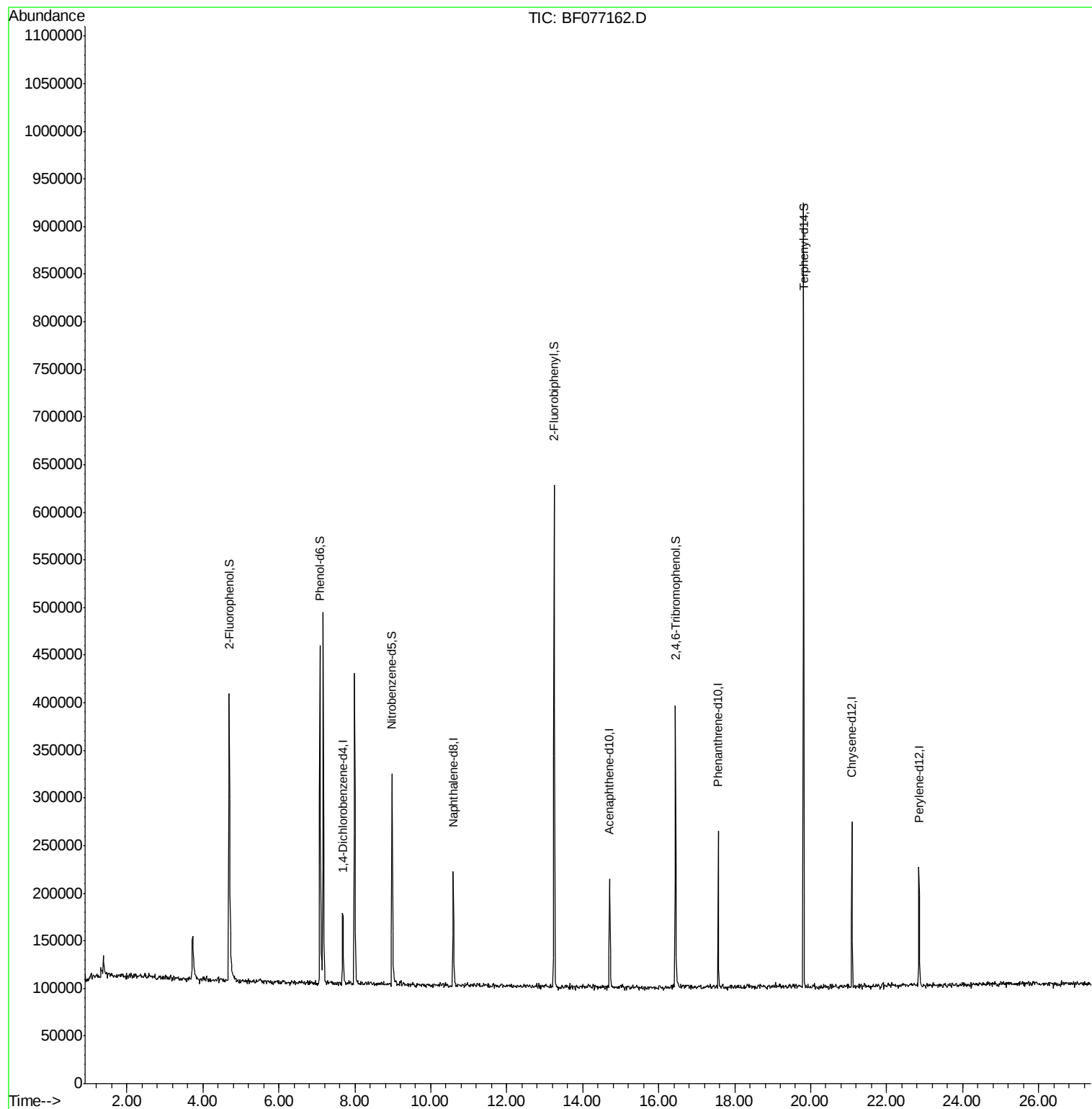
Target Compounds Qvalue

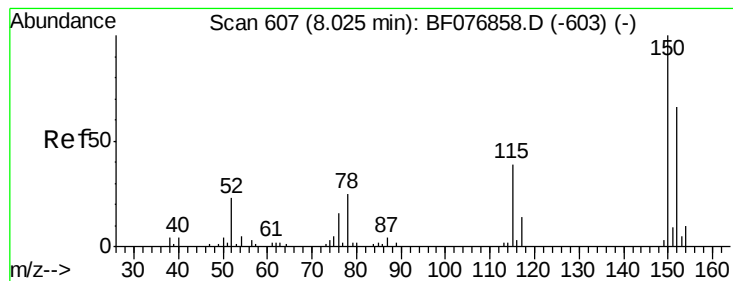
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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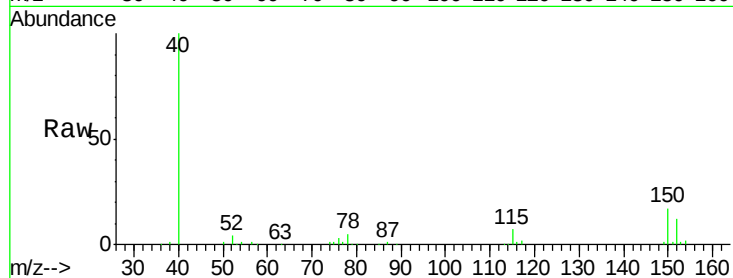


#1

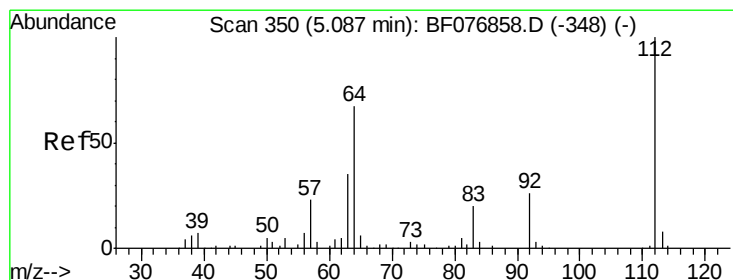
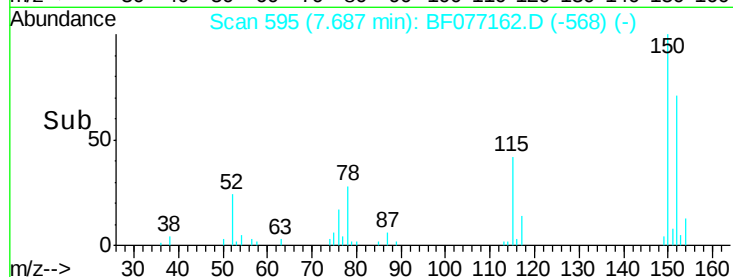
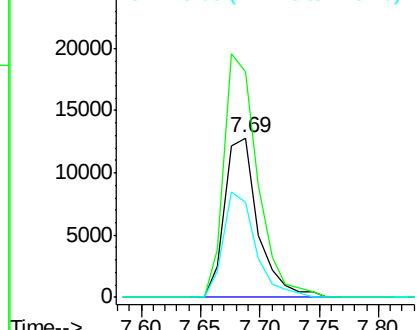
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 25013
Ion Ratio Lower Upper
152 100
150 141.5 121.7 182.5
115 59.9 47.0 70.6



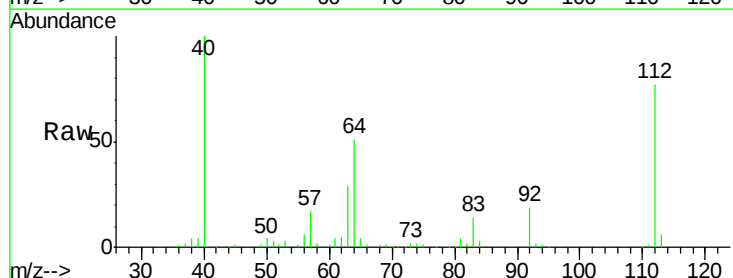
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



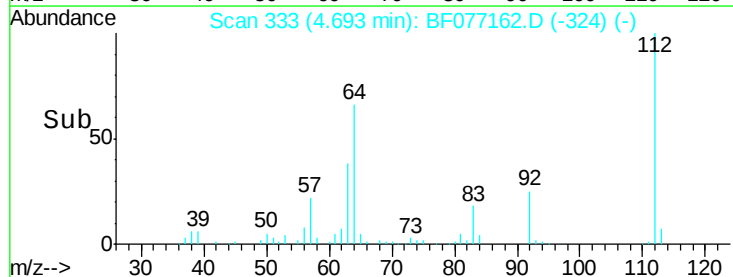
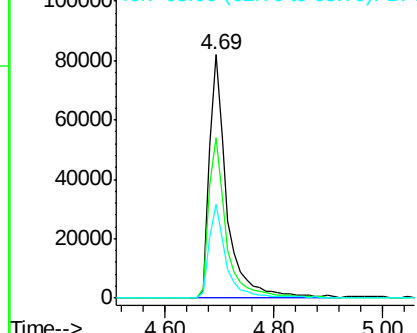
#5

2-Fluorophenol
Concen: 120.64 ng
RT: 4.69 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Tgt Ion:112 Resp: 183534
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 38.3 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: 119.72 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Instrument :

BNA_F

ClientSampleId :

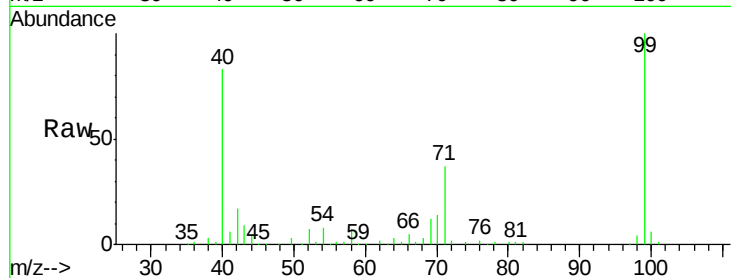
Tot Ion: 99 Resp: 229759

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

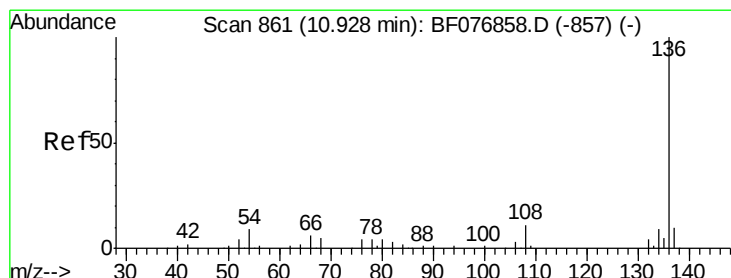
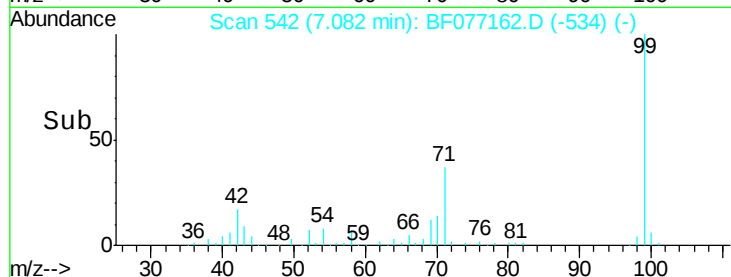
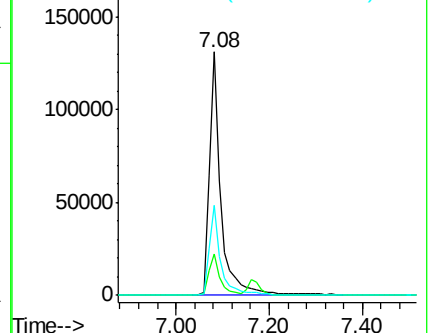
71 36.9 30.5 45.7



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Tgt Ion: 136 Resp: 98096

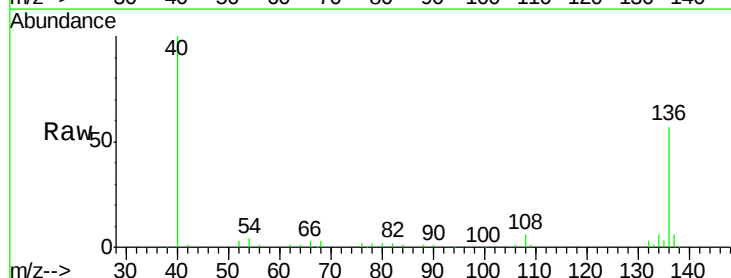
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 7.5 7.0 10.4

68 4.7 3.7 5.5

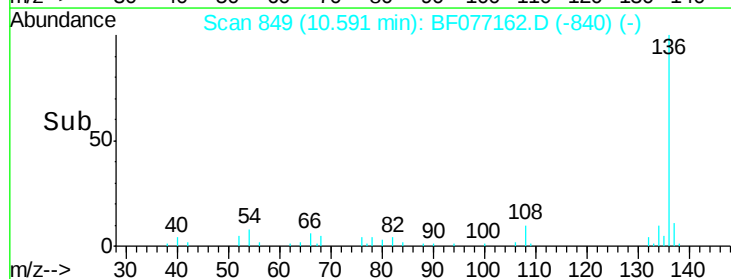
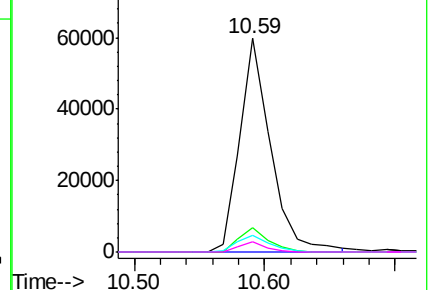


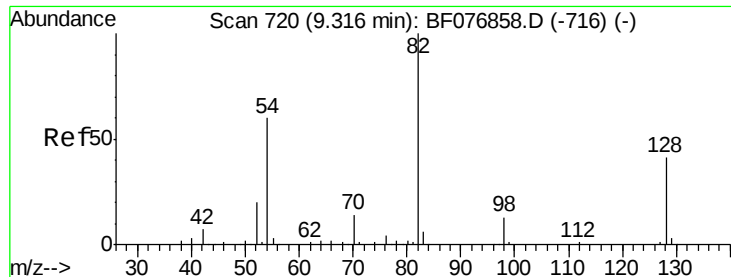
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

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) (-)

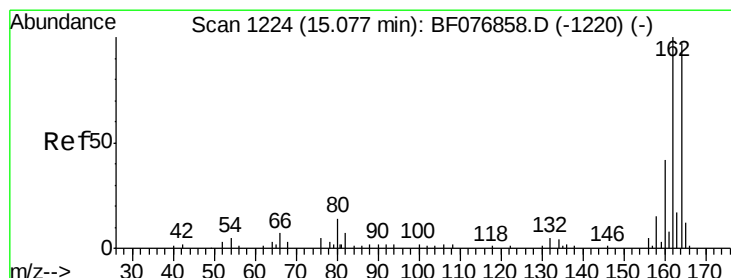
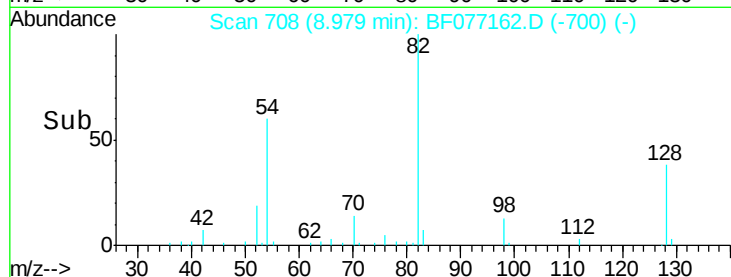
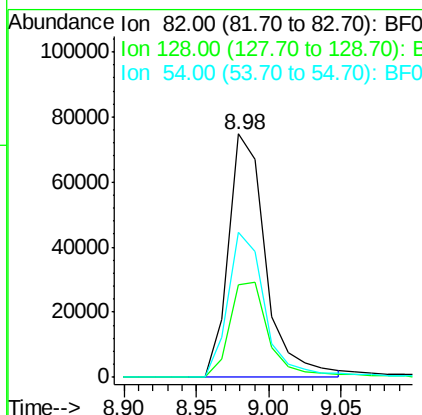
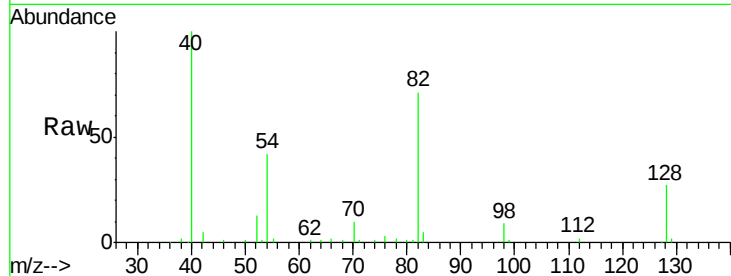




#23
 Nitrobenzene-d5
 Concen: 75.61 ng
 RT: 8.98 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF077162.D
 Acq: 3 Feb 2015 15:25

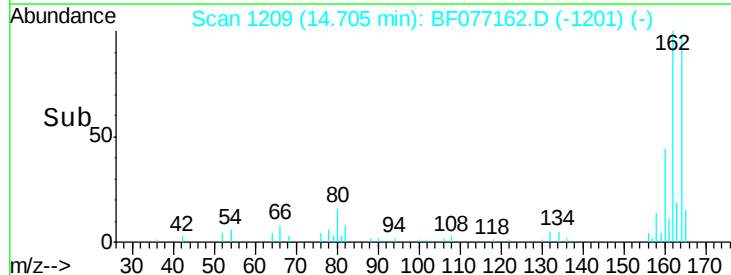
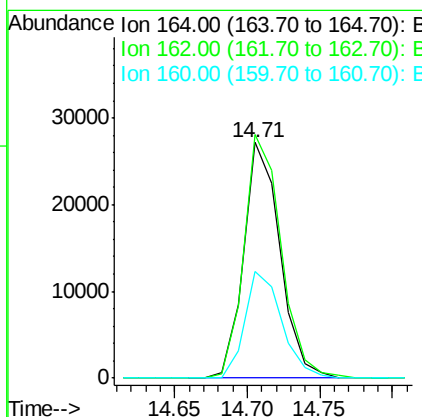
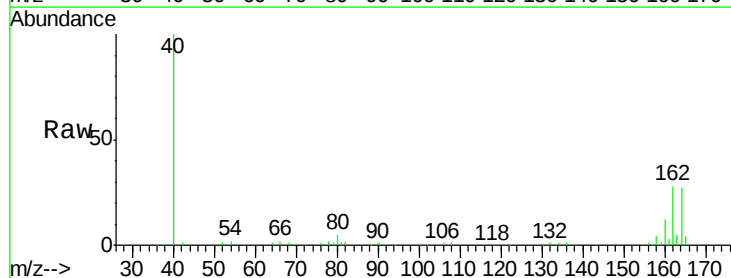
Instrument :
 BNA_F
 ClientSampleId :

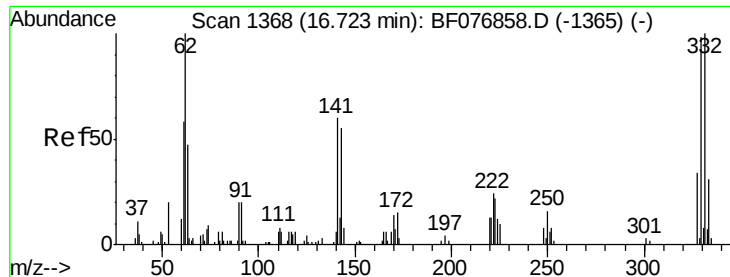
Tot Ion: 82 Resp: 133886
 Ion Ratio Lower Upper
 82 100
 128 38.2 33.1 49.7
 54 59.8 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077162.D
 Acq: 3 Feb 2015 15:25

Tgt Ion:164 Resp: 46980
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.4 123.6
 160 45.0 34.8 52.2

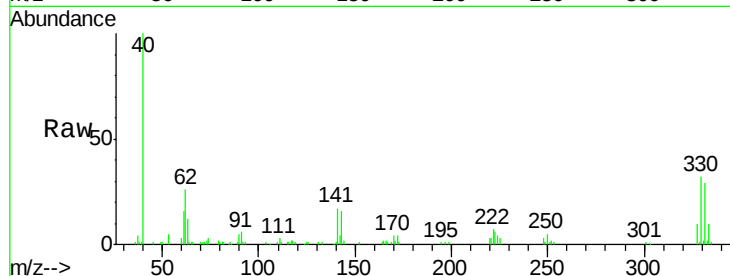




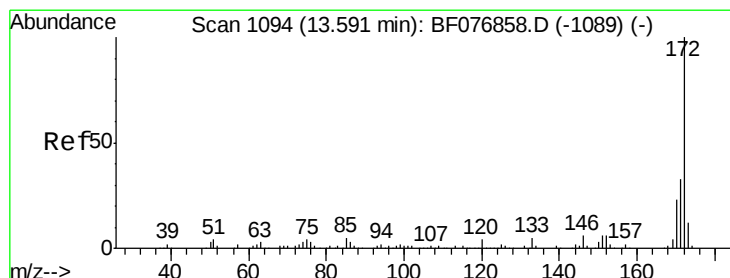
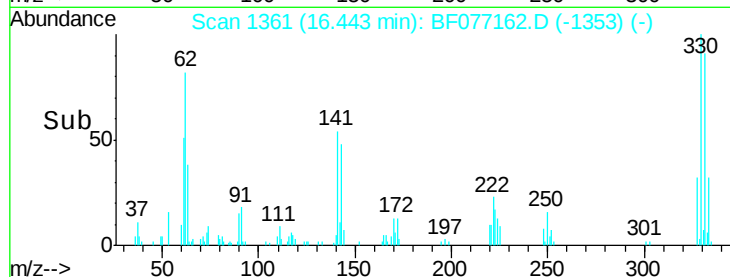
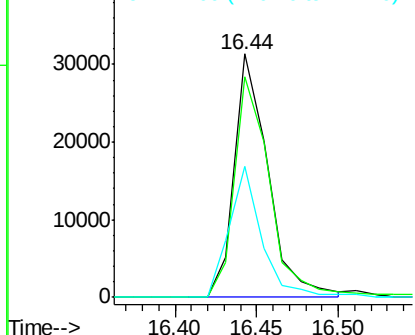
#41
2,4,6-Tribromophenol
Concen: 117.94 ng
RT: 16.44 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:330 Resp: 44976
Ion Ratio Lower Upper
330 100
332 93.6 77.8 116.6
141 51.9 38.5 57.7

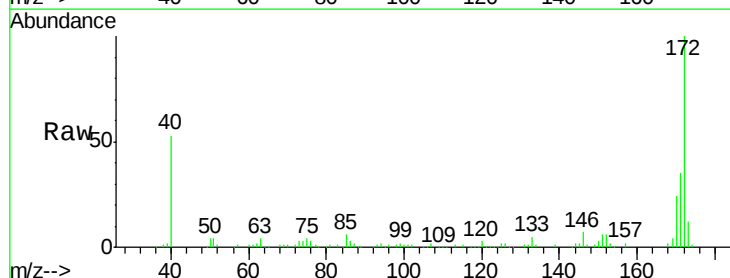


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

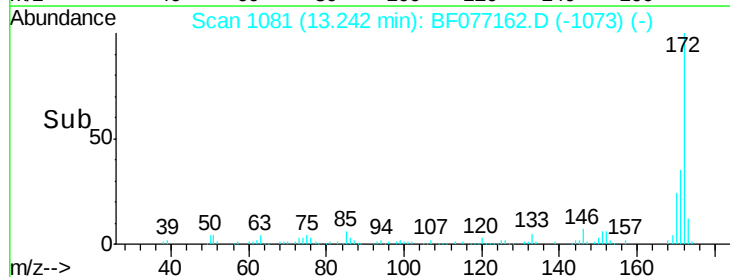
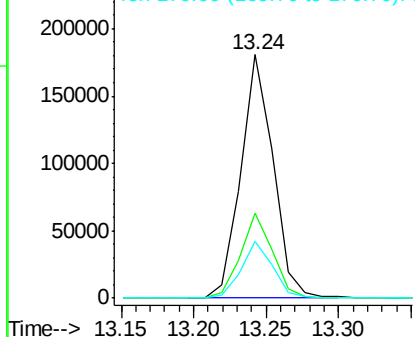


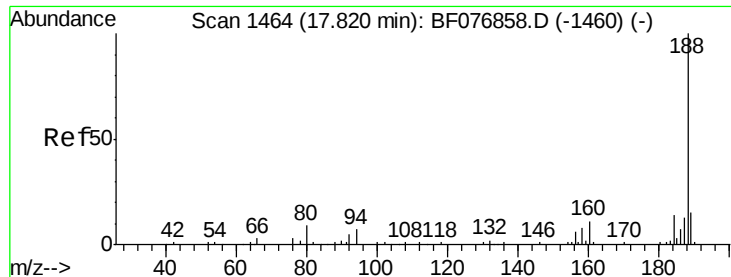
#44
2-Fluorobiphenyl
Concen: 90.52 ng
RT: 13.24 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF077162.D
Acq: 3 Feb 2015 15:25

Tgt Ion:172 Resp: 279443
Ion Ratio Lower Upper
172 100
171 34.7 26.6 40.0
170 23.5 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: 17.56 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

Instrument :

BNA_F

ClientSampleId :

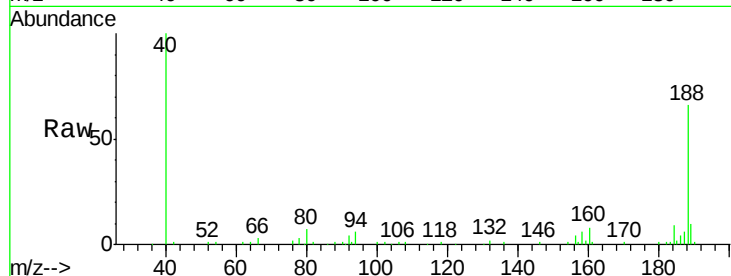
Tot Ion:188 Resp: 88513

Ion Ratio Lower Upper

188 100

94 9.6 6.0 9.0#

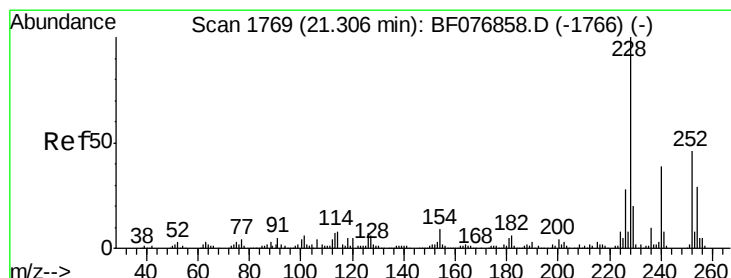
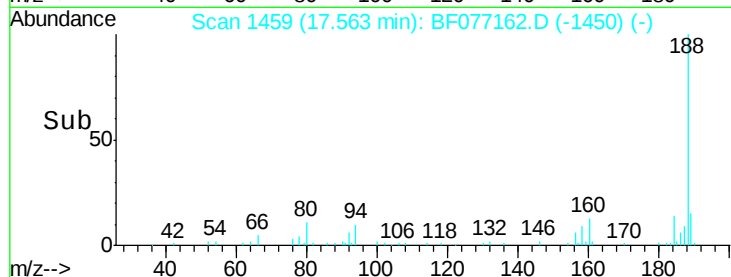
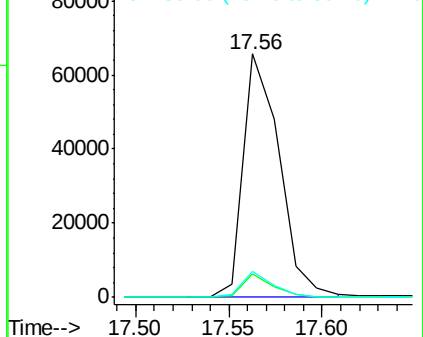
80 10.8 6.9 10.3#



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: 21.08 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF077162.D

Acq: 3 Feb 2015 15:25

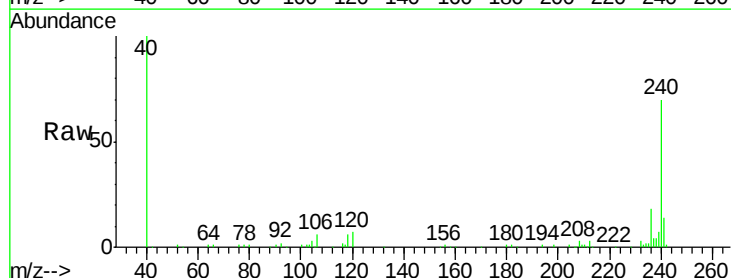
Tgt Ion:240 Resp: 84522

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

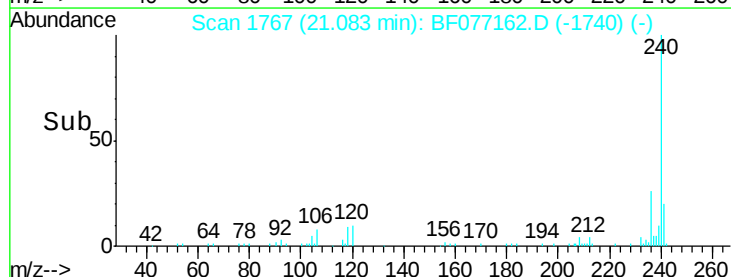
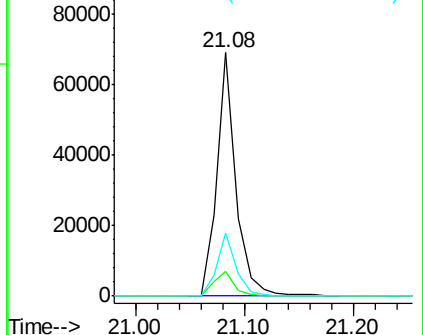
236 25.9 20.2 30.2

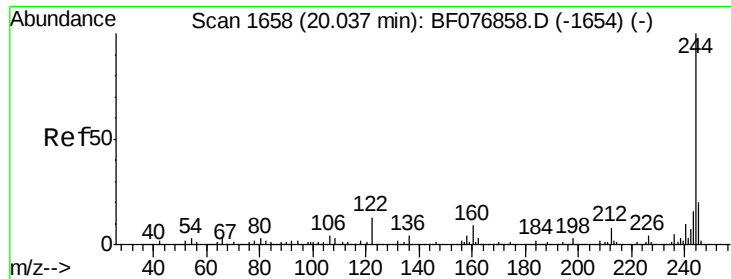


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

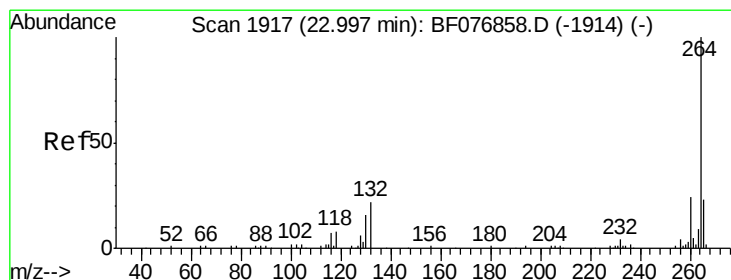
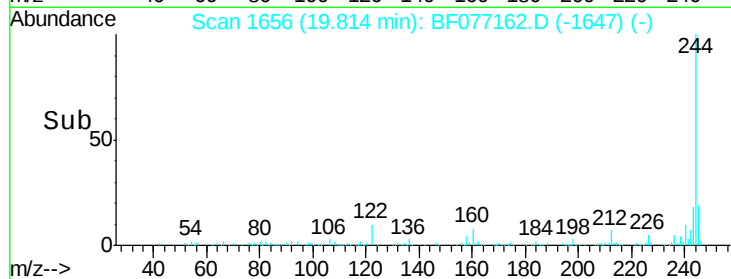
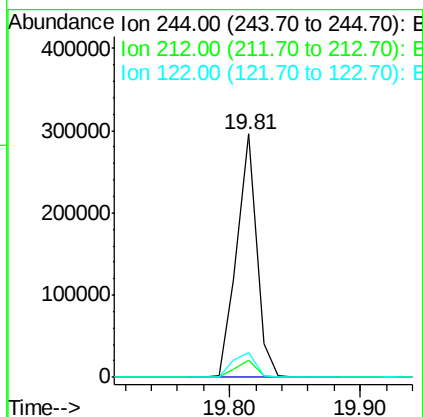
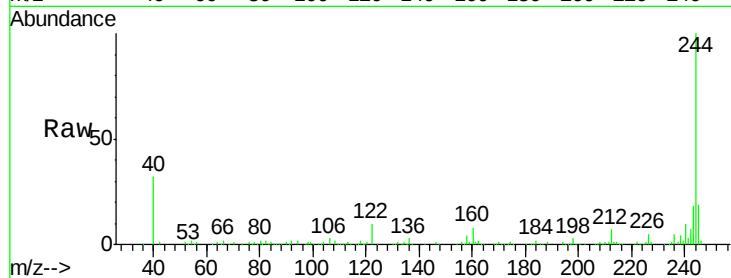




#78
 Terphenyl-d14
 Concen: 86.32 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077162.D
 Acq: 3 Feb 2015 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 316927
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 9.9 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.84 min Scan# 1921
 Delta R.T. 0.13 min
 Lab File: BF077162.D
 Acq: 3 Feb 2015 15:25

Tgt Ion:264 Resp: 76529
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.1 18.1 27.1

