

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077806.D
 Acq On : 18 Mar 2015 20:10
 Operator : TP/IZ
 Sample : G1547-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Quant Time: Mar 19 04:05:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39166	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	152475	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	75611	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	152723	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	165170	20.00	ng	-0.10
86) Perylene-d12	17.79	264	156758	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	134012	59.73	ng	0.00
7) Phenol-d6	6.73	99	97043	35.01	ng	0.00
23) Nitrobenzene-d5	7.85	82	247003	106.19	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	102118	141.16	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	554788	107.83	ng	0.00
78) Terphenyl-d14	14.74	244	638420	94.41	ng	-0.02

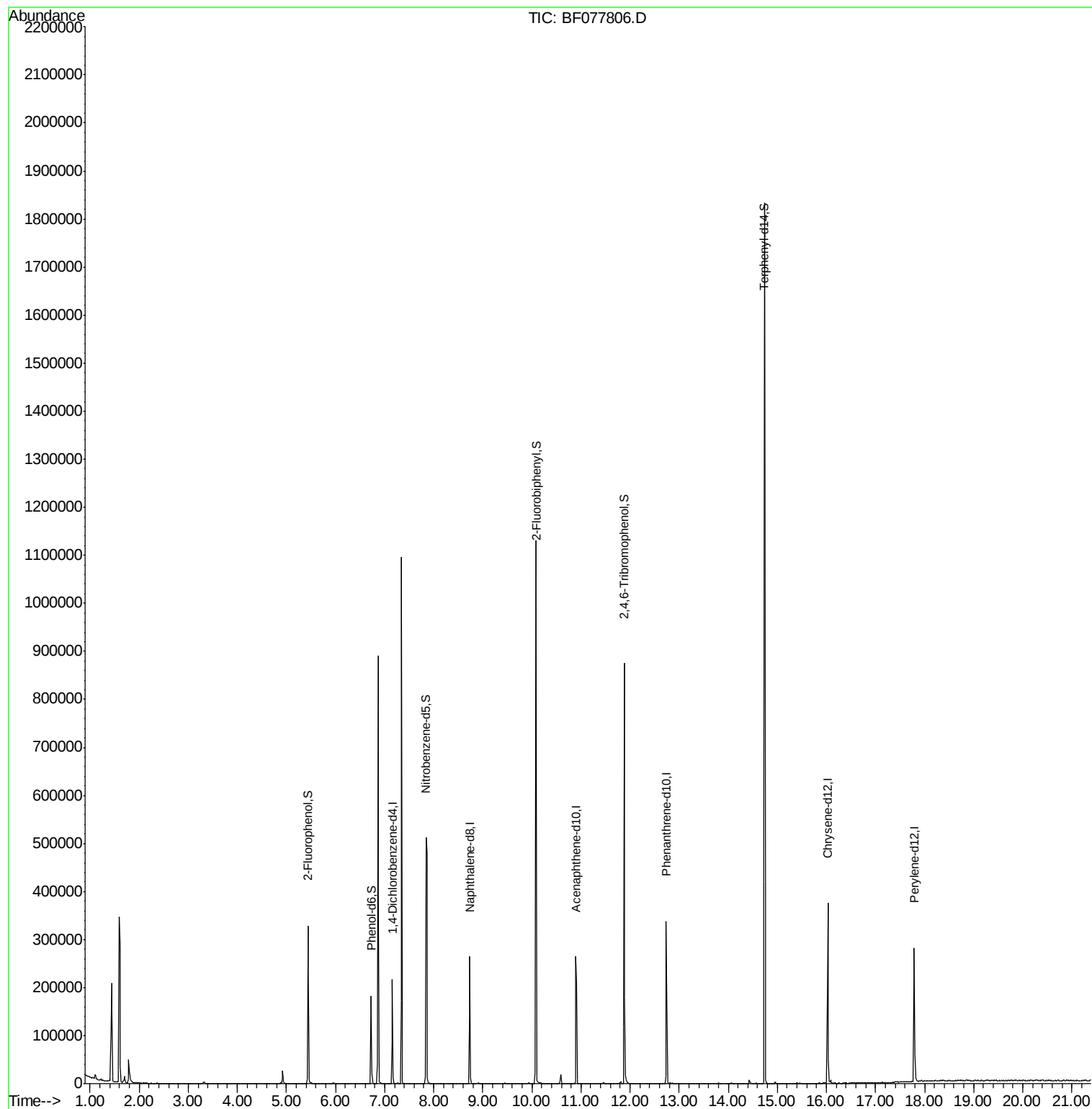
Target Compounds Qvalue

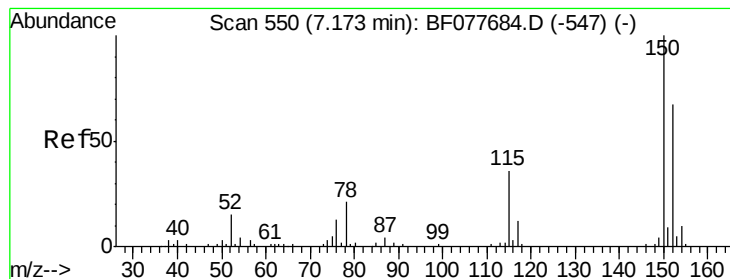
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
Data File : BF077806.D
Acq On : 18 Mar 2015 20:10
Operator : TP/IZ
Sample : G1547-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Quant Time: Mar 19 04:05:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 02:09:19 2015
Response via : Initial Calibration

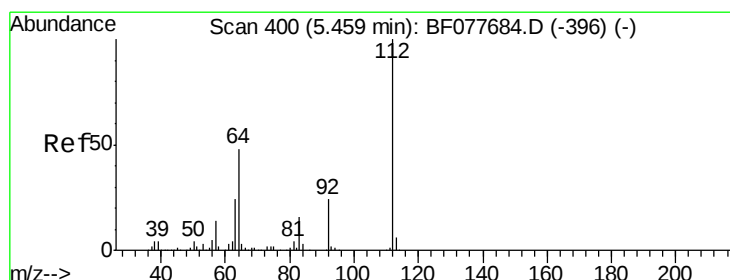
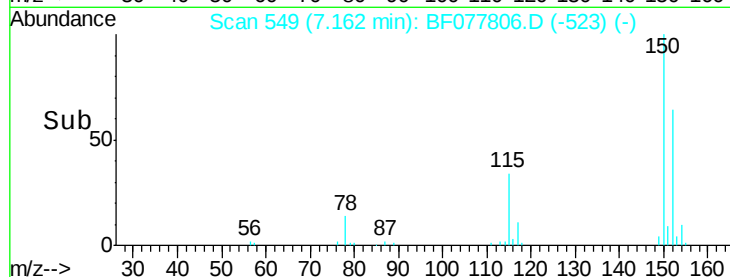
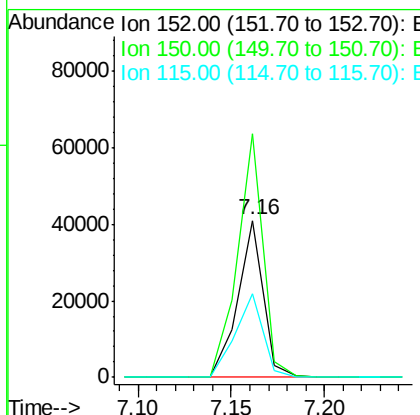
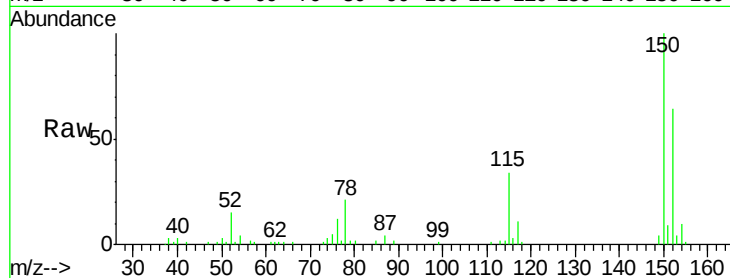




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF077806.D
 Acq: 18 Mar 2015 20:10

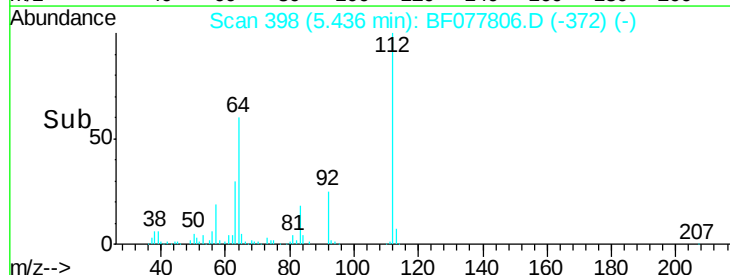
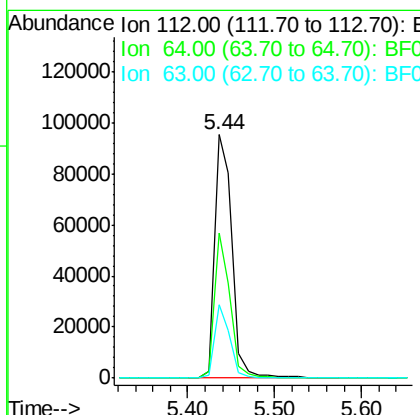
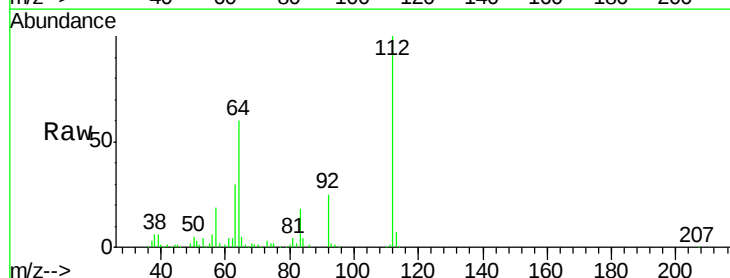
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tot Ion:152 Resp: 39166
 Ion Ratio Lower Upper
 152 100
 150 155.2 119.5 179.3
 115 53.3 43.0 64.4



#5
 2-Fluorophenol
 Concen: 59.73 ng
 RT: 5.44 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BF077806.D
 Acq: 18 Mar 2015 20:10

Tgt Ion:112 Resp: 134012
 Ion Ratio Lower Upper
 112 100
 64 59.8 38.6 57.8#
 63 30.0 19.3 28.9#





#7

Phenol-d6

Concen: 35.01 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

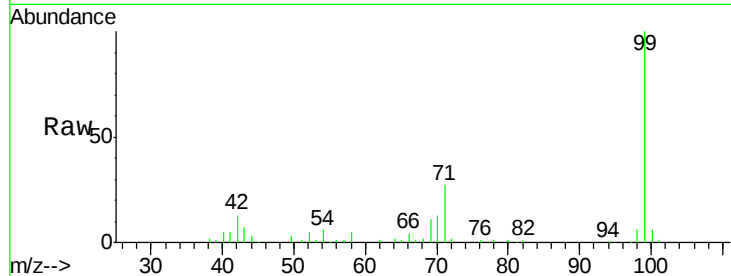
Tot Ion: 99 Resp: 97043

Ion Ratio Lower Upper

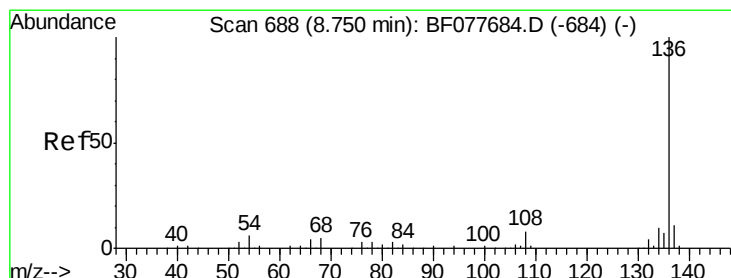
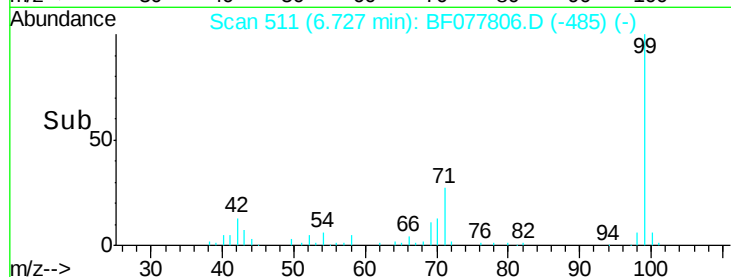
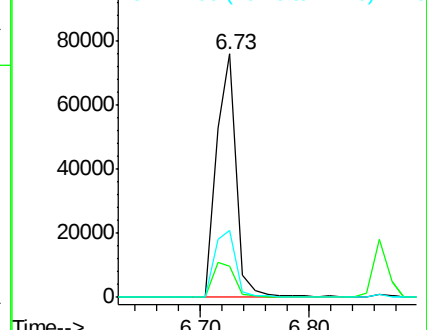
99 100

42 12.8 11.0 16.4

71 27.3 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

Tgt Ion: 136 Resp: 152475

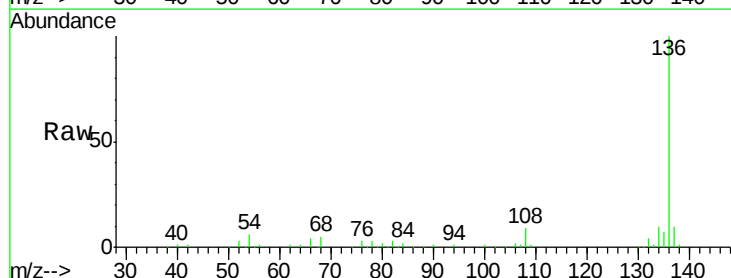
Ion Ratio Lower Upper

136 100

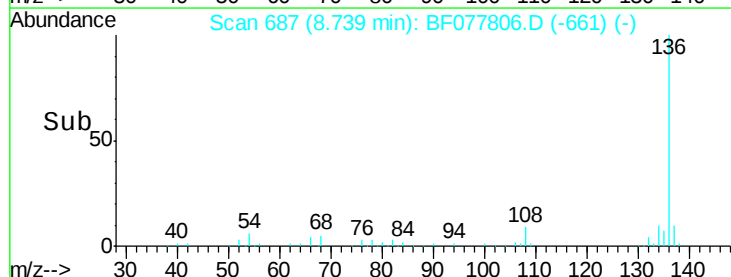
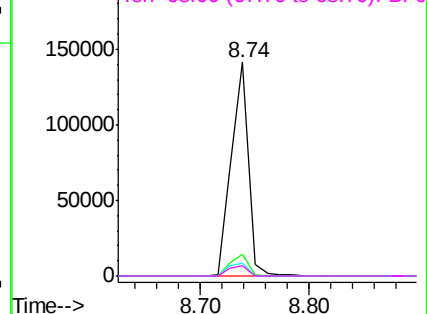
137 10.5 8.7 13.1

54 6.1 4.6 6.8

68 5.0 3.7 5.5



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

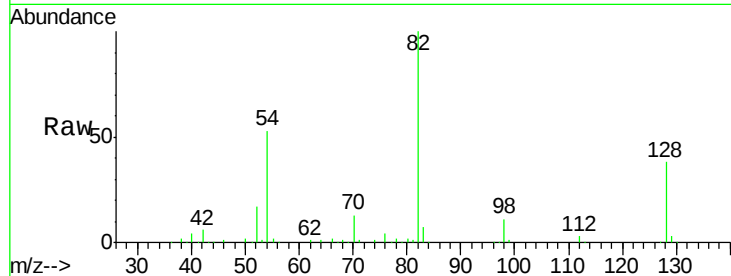




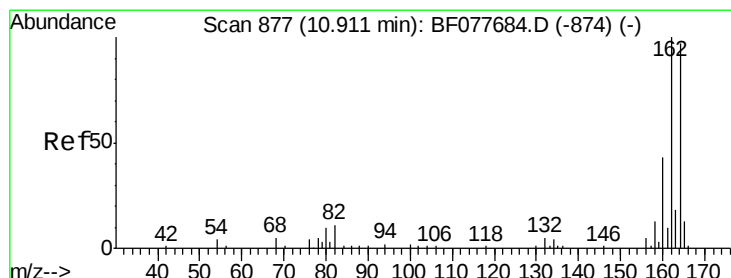
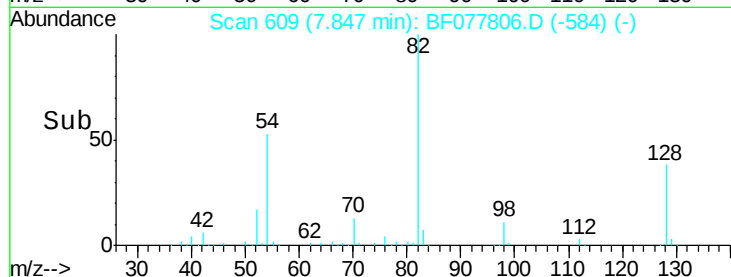
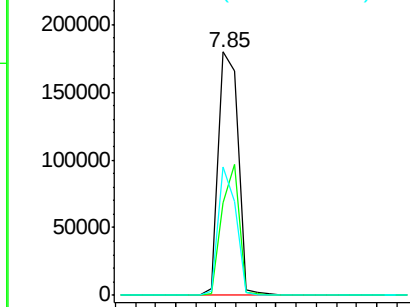
#23
 Nitrobenzene-d5
 Concen: 106.19 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077806.D
 Acq: 18 Mar 2015 20:10

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-097A-31615

Tot Ion	82	Resp	247003
Ion Ratio	Lower	Upper	
82	100		
128	38.2	32.8	49.2
54	52.6	40.6	60.8

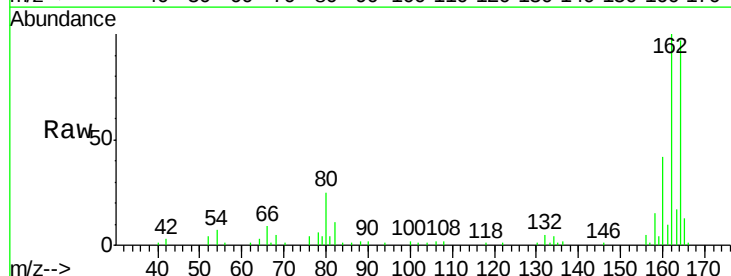


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

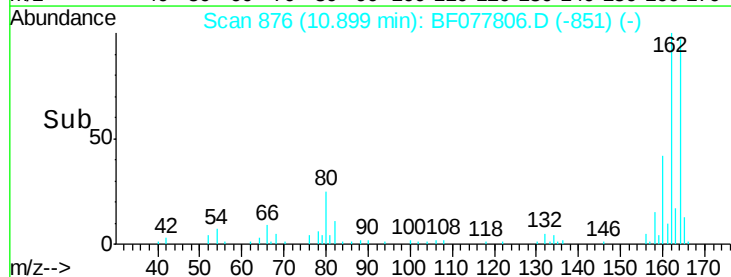
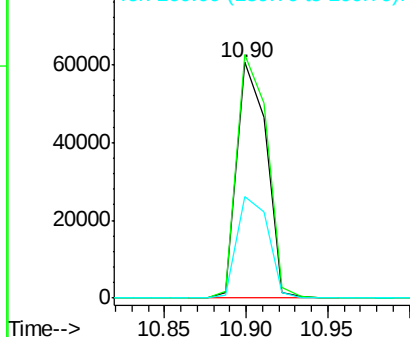


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077806.D
 Acq: 18 Mar 2015 20:10

Tgt Ion	164	Resp	75611
Ion Ratio	Lower	Upper	
164	100		
162	103.4	82.4	123.6
160	43.1	35.8	53.6



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: 141.16 ng

RT: 11.88 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

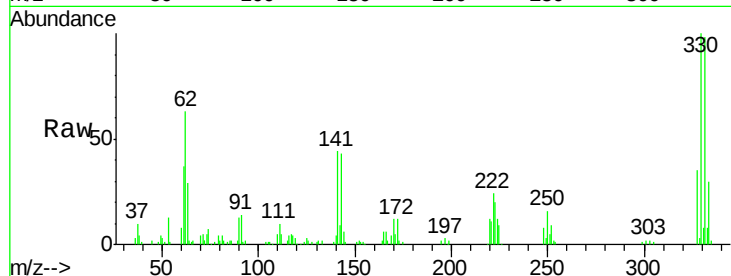
Tot Ion:330 Resp: 102118

Ion Ratio Lower Upper

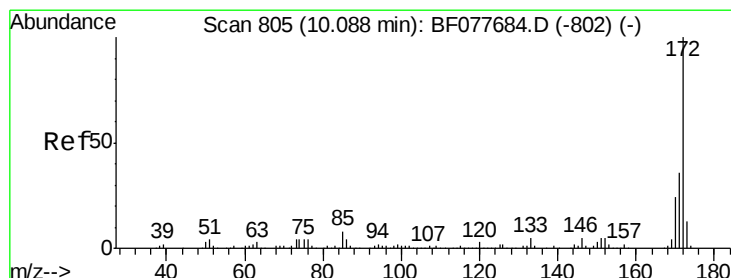
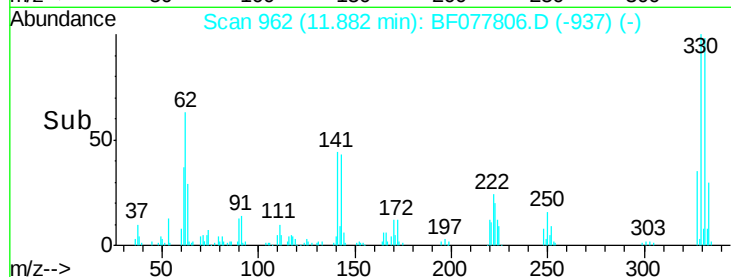
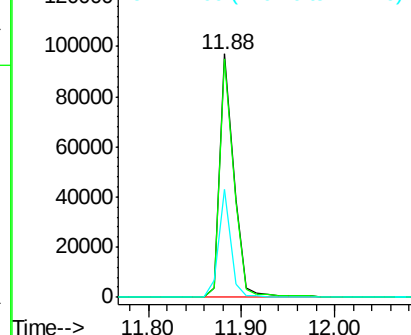
330 100

332 97.7 0.0 0.0#

141 38.3 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: 107.83 ng

RT: 10.09 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

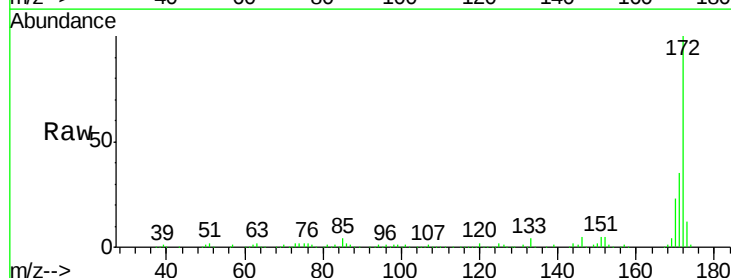
Tgt Ion:172 Resp: 554788

Ion Ratio Lower Upper

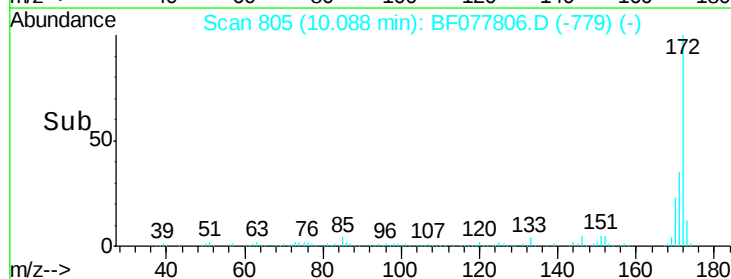
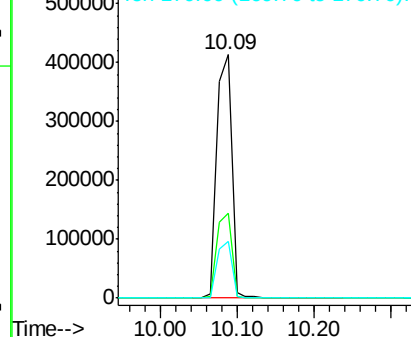
172 100

171 34.7 28.5 42.7

170 23.2 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

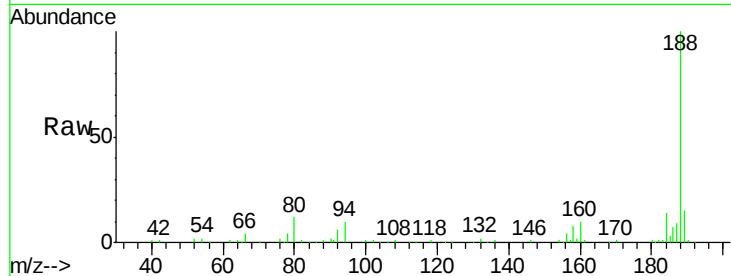




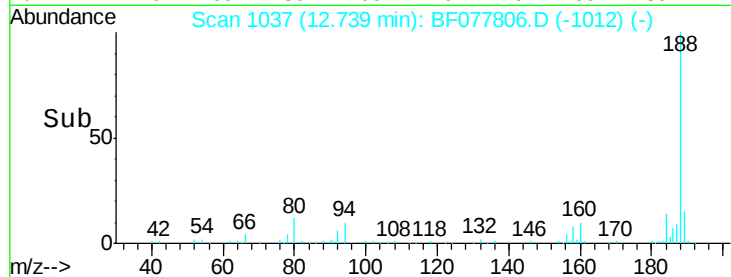
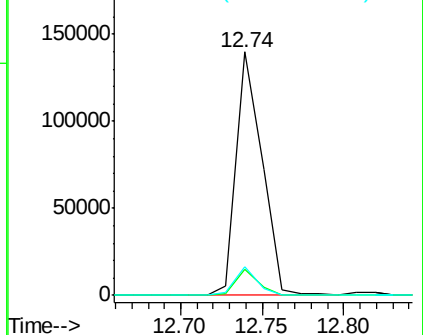
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF077806.D
Acq: 18 Mar 2015 20:10

Instrument :
BNA_F
ClientSampleId :
DCW-WW-097A-31615

Tot Ion:188 Resp: 152723
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.5 9.3 13.9

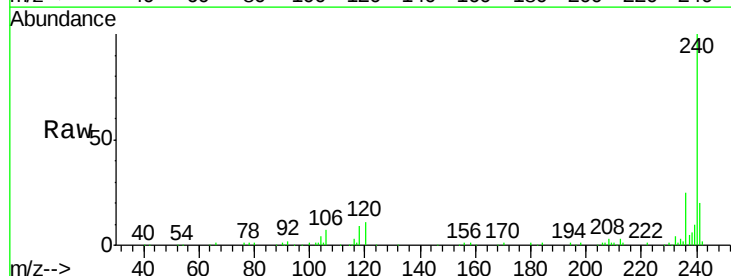


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

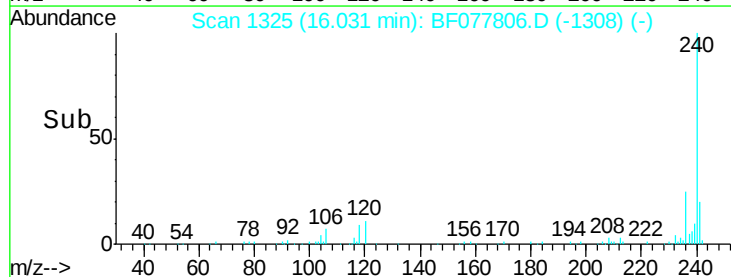
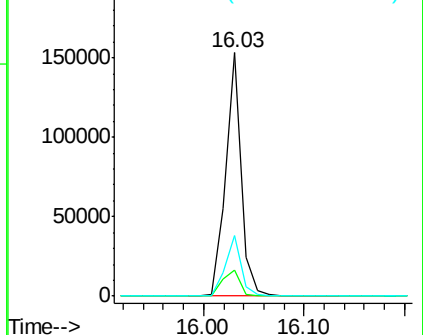


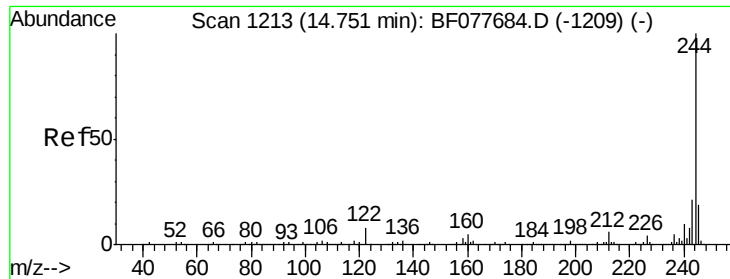
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.10 min
Lab File: BF077806.D
Acq: 18 Mar 2015 20:10

Tgt Ion:240 Resp: 165170
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 24.8 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





#78

Terphenyl-d14

Concen: 94.41 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

Instrument :

BNA_F

ClientSampleId :

DCW-WW-097A-31615

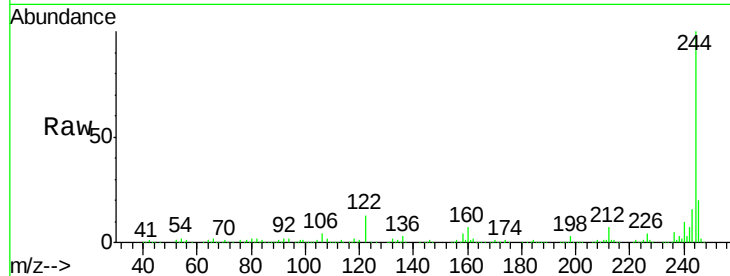
Tot Ion:244 Resp: 638420

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

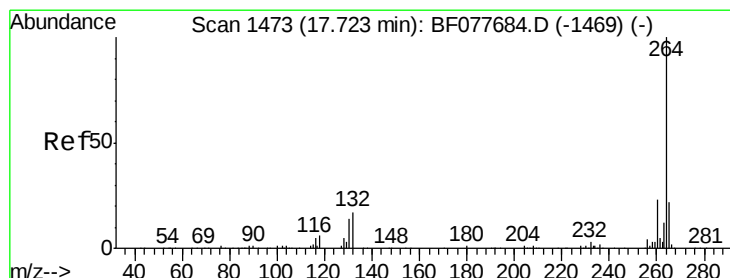
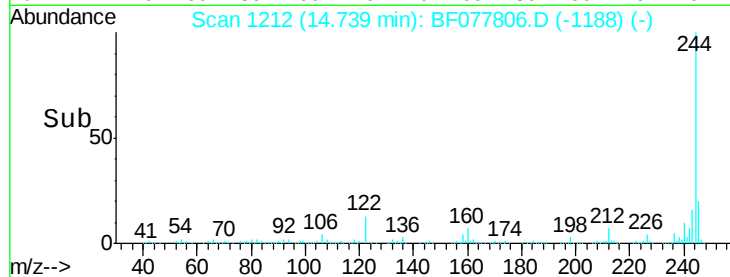
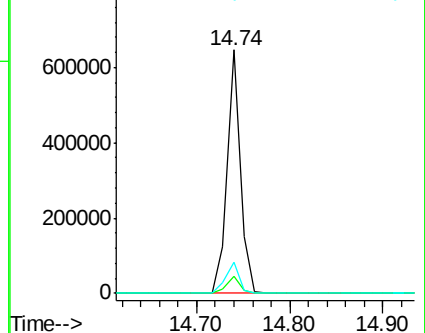
122 13.0 6.2 9.4#



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: 17.79 min Scan# 1479

Delta R.T. -0.31 min

Lab File: BF077806.D

Acq: 18 Mar 2015 20:10

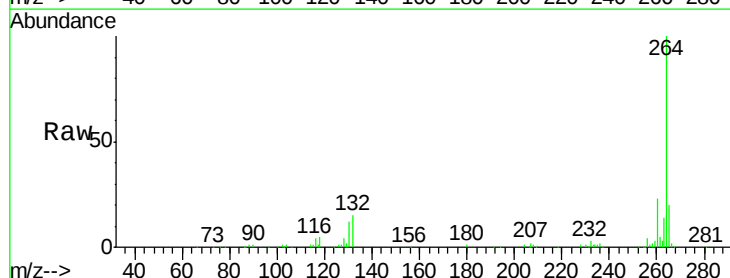
Tgt Ion:264 Resp: 156758

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 20.3 17.3 25.9



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

