

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077142.D
 Acq On : 30 Jan 2015 4:53
 Operator : TP/IZ
 Sample : G1176-02
 Misc : W/DOD
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-050-12615

Quant Time: Jan 30 07:32:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	28795	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	121806	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	63271	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	111414	20.00	ng	0.00
75) Chrysene-d12	21.08	240	113456	20.00	ng	0.00
86) Perylene-d12	22.70	264	110082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	74111	42.32	ng	-0.01
7) Phenol-d6	7.10	99	56560	25.60	ng	0.00
23) Nitrobenzene-d5	8.98	82	157901	71.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	57241	111.45	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	318720	76.66	ng	0.00
78) Terphenyl-d14	19.81	244	352955	71.62	ng	0.00

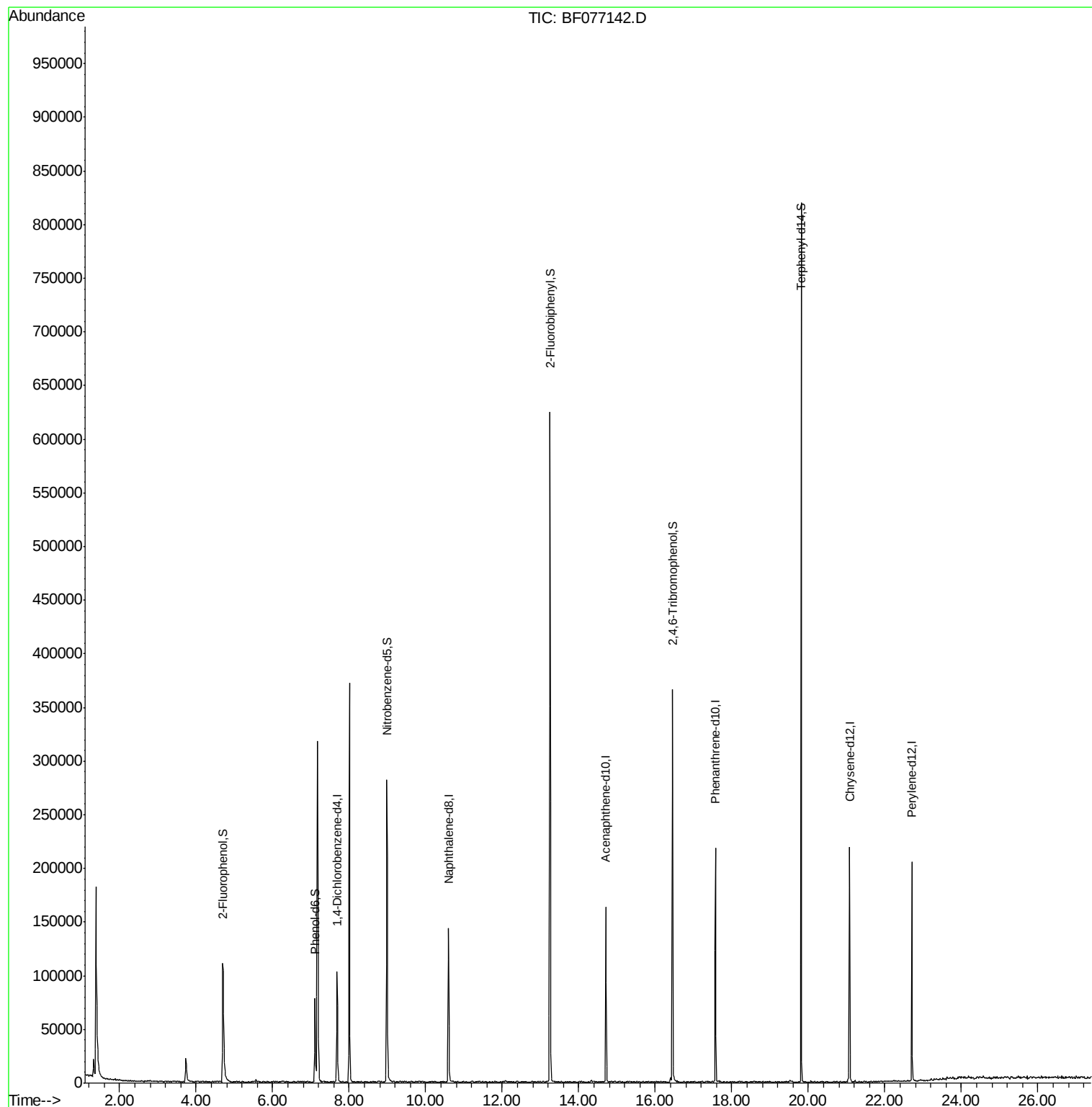
Target Compounds	Qvalue
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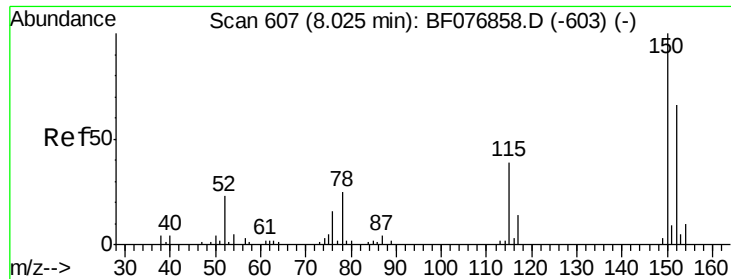
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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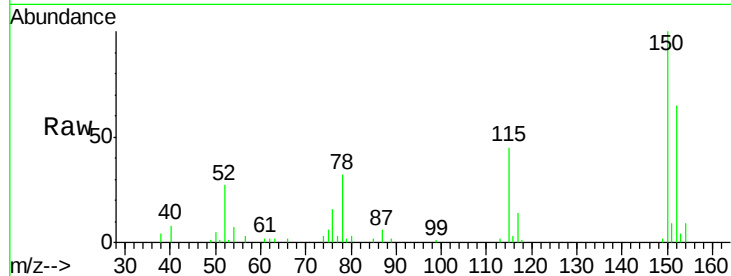




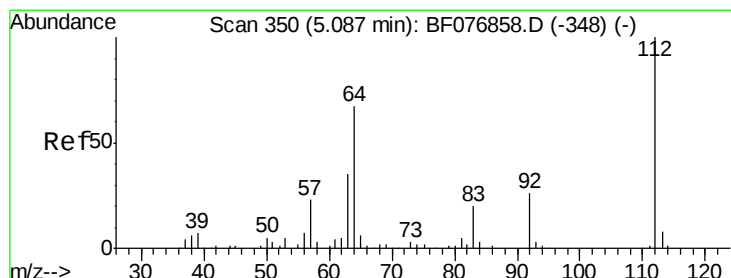
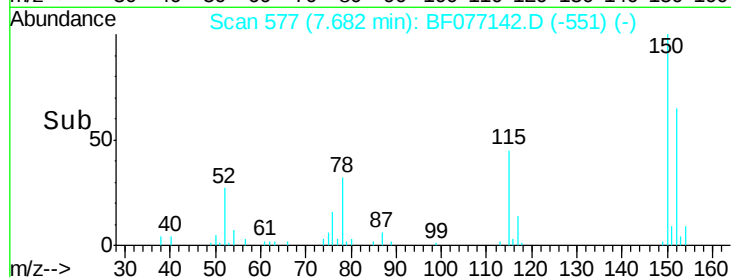
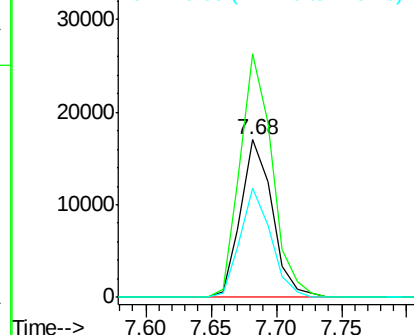
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF077142.D
 Acq: 30 Jan 2015 4:53

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-050-12615

Tgt Ion:152 Resp: 28795
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.7 182.5
 115 69.3 47.0 70.6

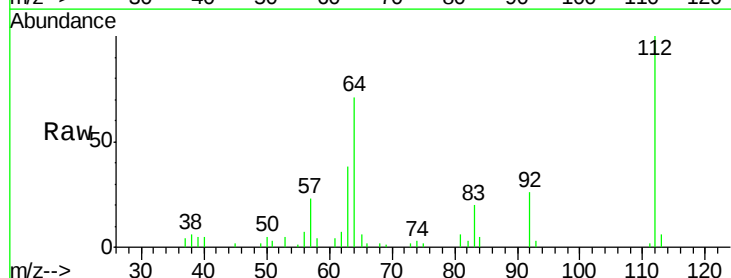


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

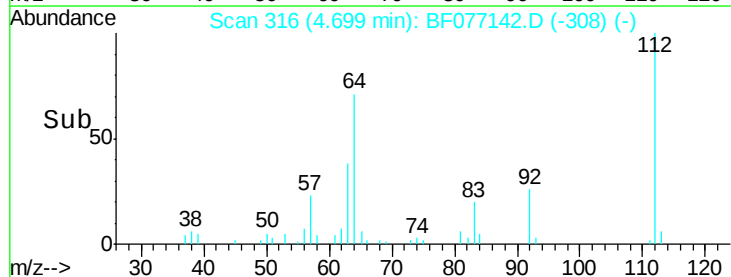
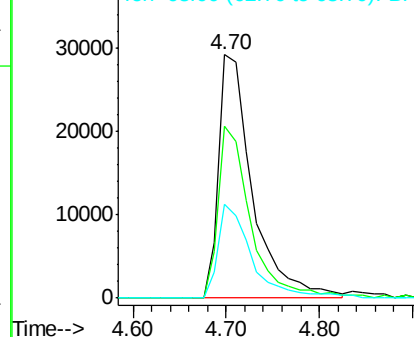


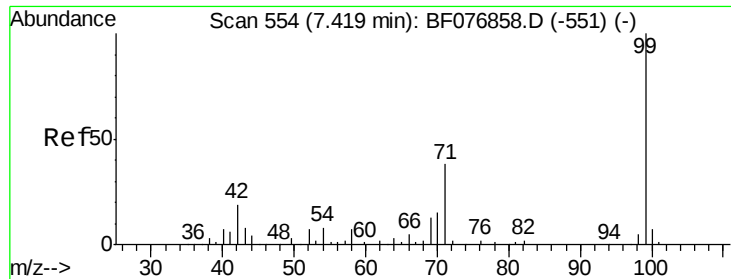
#5
 2-Fluorophenol
 Concen: 42.32 ng
 RT: 4.70 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: BF077142.D
 Acq: 30 Jan 2015 4:53

Tgt Ion:112 Resp: 74111
 Ion Ratio Lower Upper
 112 100
 64 70.9 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: 25.60 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077142.D

Acq: 30 Jan 2015 4:53

Instrument :

BNA_F

ClientSampleId :

DCW-WW-050-12615

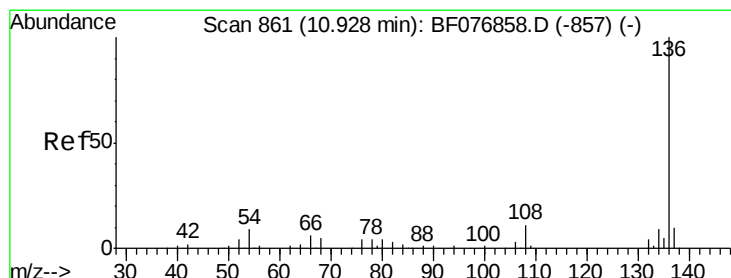
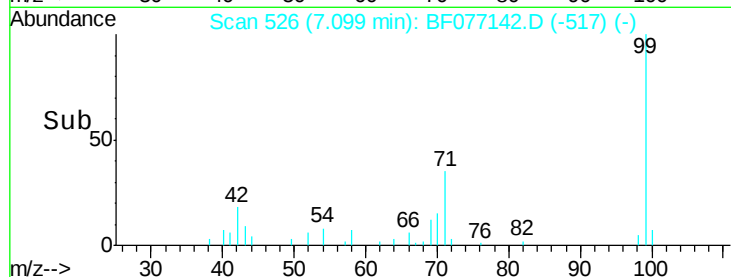
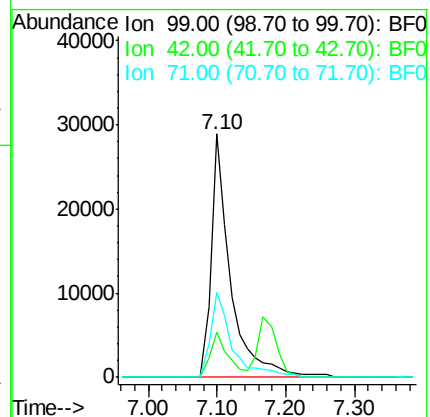
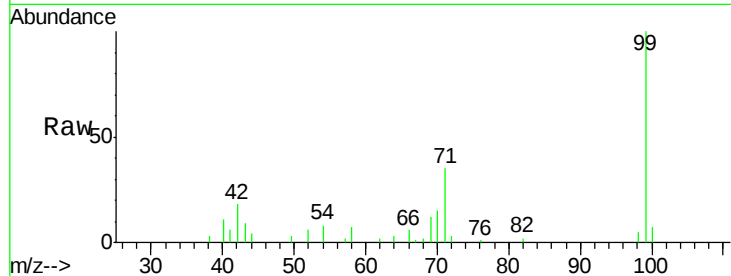
Tgt Ion: 99 Resp: 56560

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

71 34.9 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077142.D

Acq: 30 Jan 2015 4:53

Tgt Ion: 136 Resp: 121806

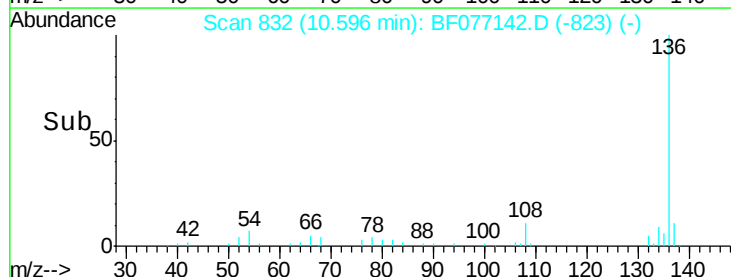
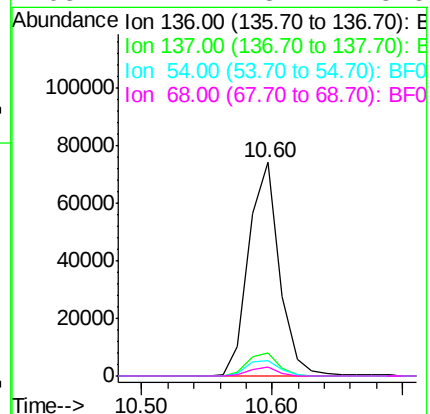
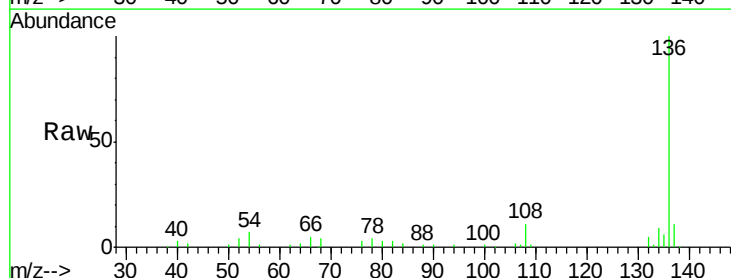
Ion Ratio Lower Upper

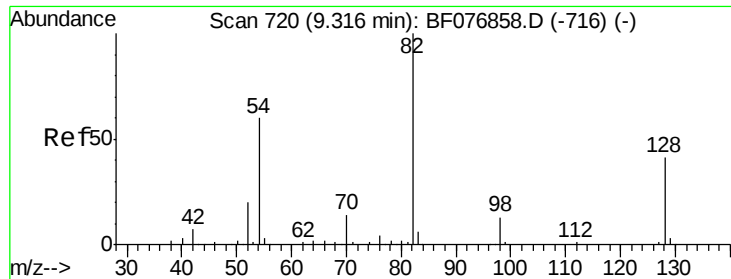
136 100

137 10.7 8.1 12.1

54 7.0 7.0 10.4

68 4.1 3.7 5.5

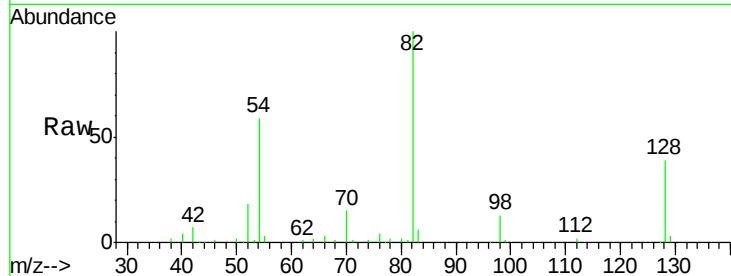




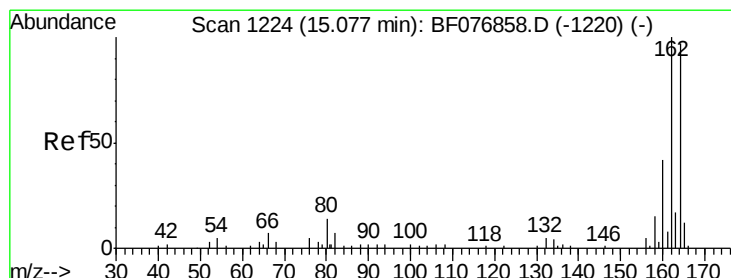
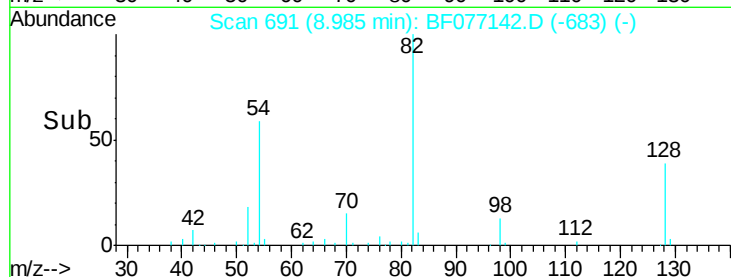
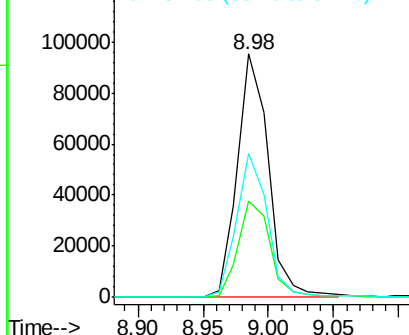
#23
Nitrobenzene-d5
Concen: 71.82 ng
RT: 8.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF077142.D
Acq: 30 Jan 2015 4:53

Instrument :
BNA_F
ClientSampleId :
DCW-WW-050-12615

Tgt Ion: 82 Resp: 157901
Ion Ratio Lower Upper
82 100
128 39.4 33.1 49.7
54 59.2 48.3 72.5

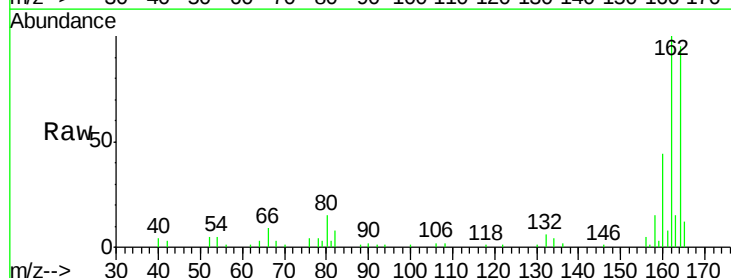


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

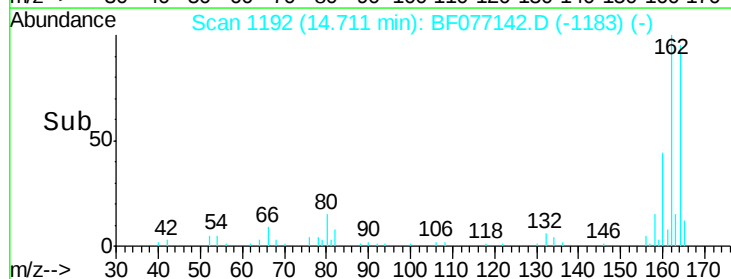
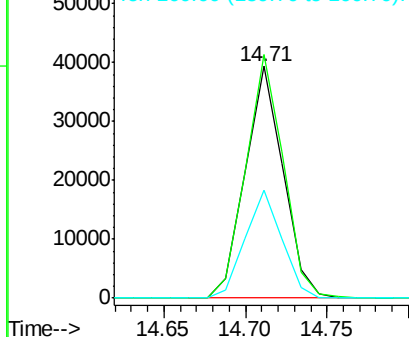


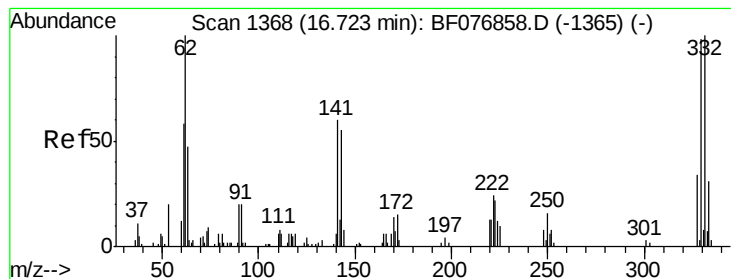
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF077142.D
Acq: 30 Jan 2015 4:53

Tgt Ion: 164 Resp: 63271
Ion Ratio Lower Upper
164 100
162 105.2 82.4 123.6
160 46.5 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: 111.45 ng

RT: 16.45 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF077142.D

Acq: 30 Jan 2015 4:53

Instrument :

BNA_F

ClientSampleId :

DCW-WW-050-12615

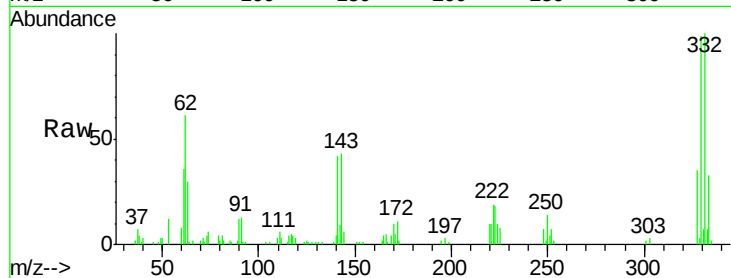
Tgt Ion:330 Resp: 57241

Ion Ratio Lower Upper

330 100

332 98.5 77.8 116.6

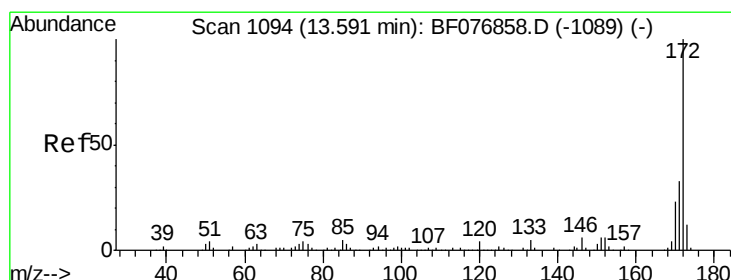
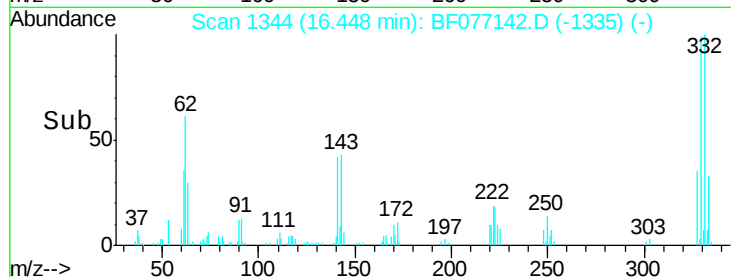
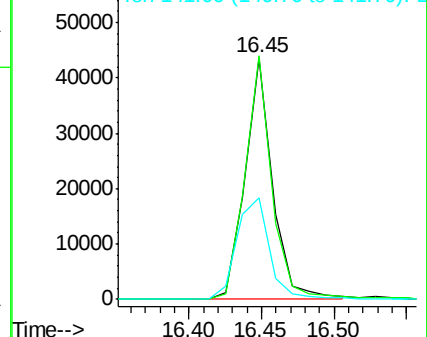
141 49.7 38.5 57.7



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: 76.66 ng

RT: 13.25 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF077142.D

Acq: 30 Jan 2015 4:53

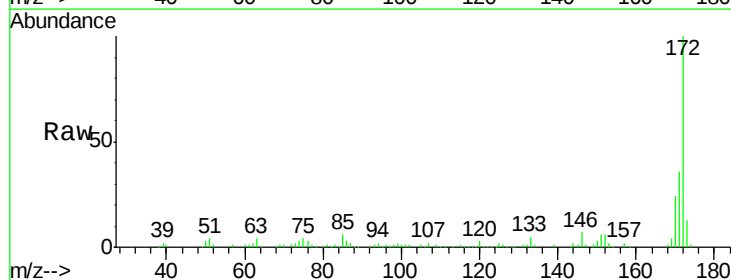
Tgt Ion:172 Resp: 318720

Ion Ratio Lower Upper

172 100

171 35.8 26.6 40.0

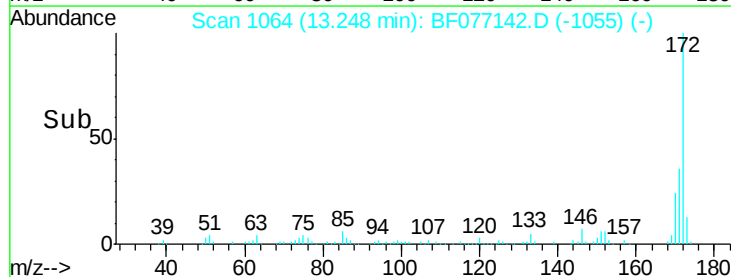
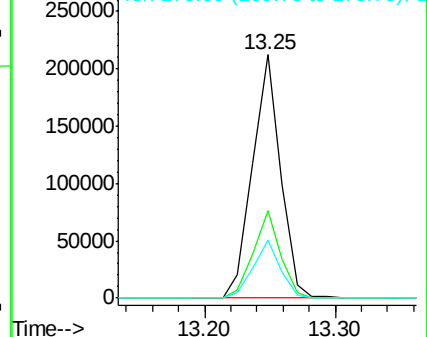
170 24.0 18.0 27.0

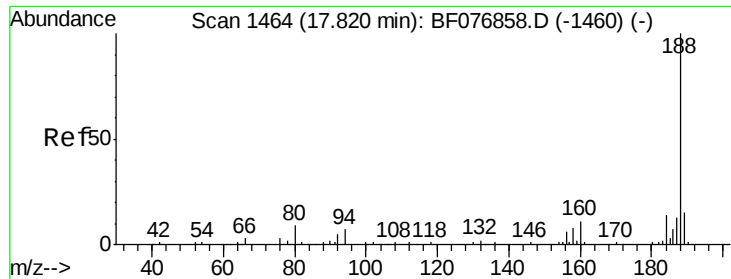


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

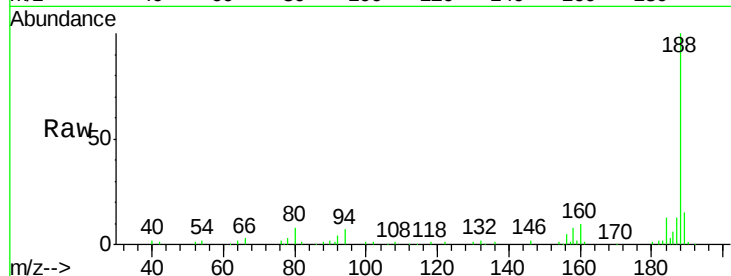




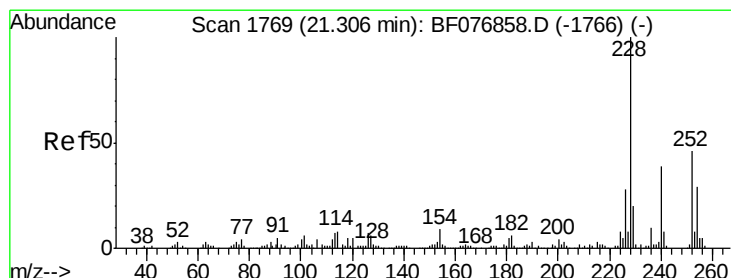
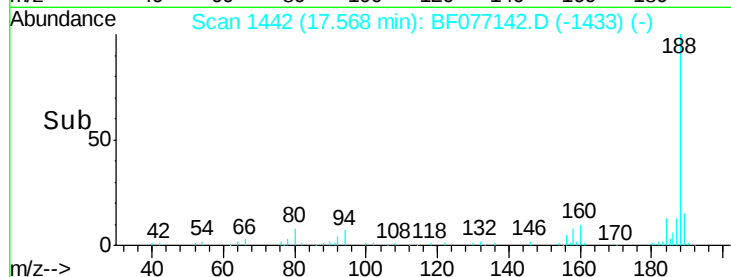
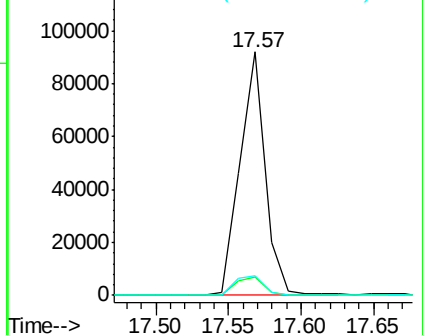
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF077142.D
Acq: 30 Jan 2015 4:53

Instrument :
BNA_F
ClientSampleId :
DCW-WW-050-12615

Tgt Ion:188 Resp: 111414
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.9 6.9 10.3

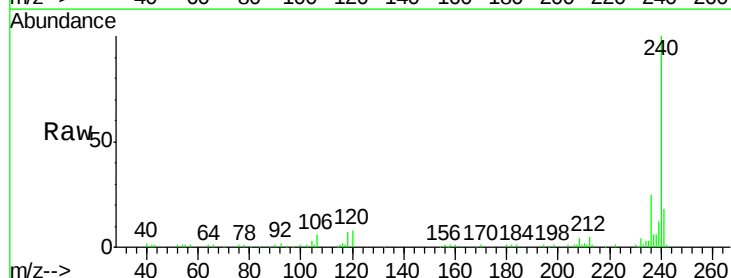


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

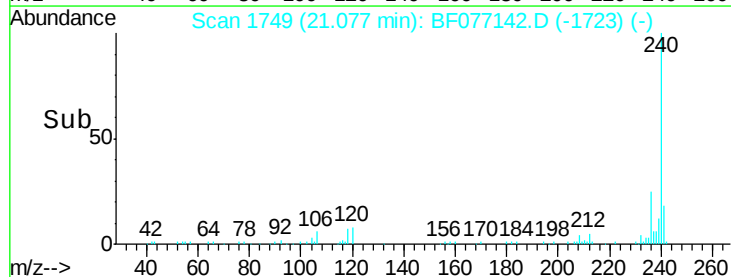
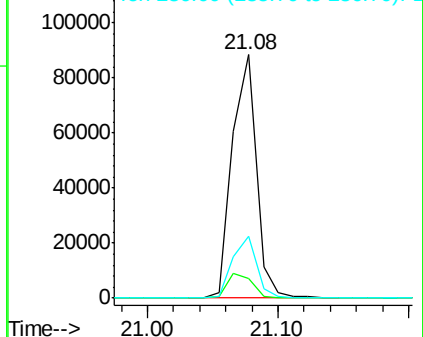


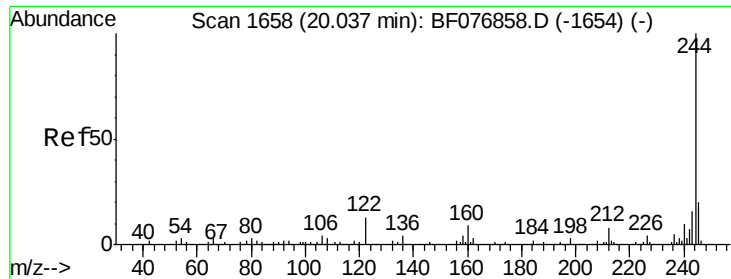
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF077142.D
Acq: 30 Jan 2015 4:53

Tgt Ion:240 Resp: 113456
Ion Ratio Lower Upper
240 100
120 7.9 10.4 15.6#
236 25.5 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

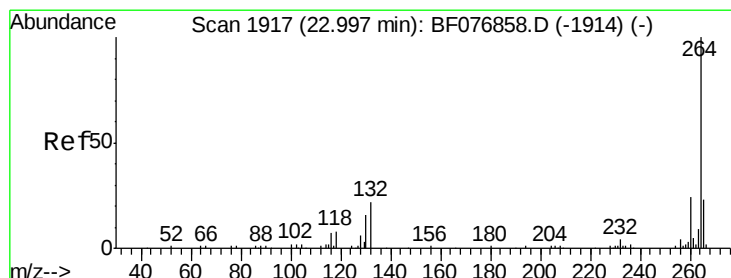
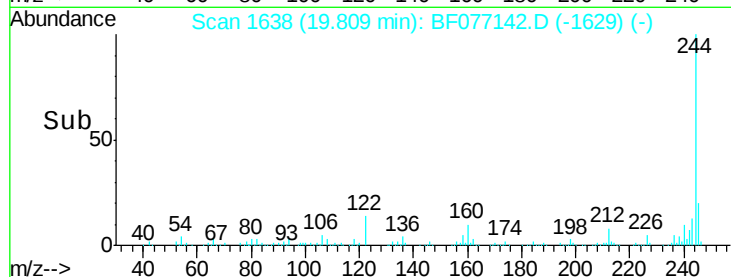
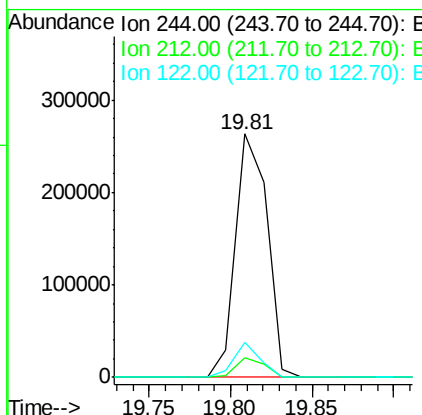
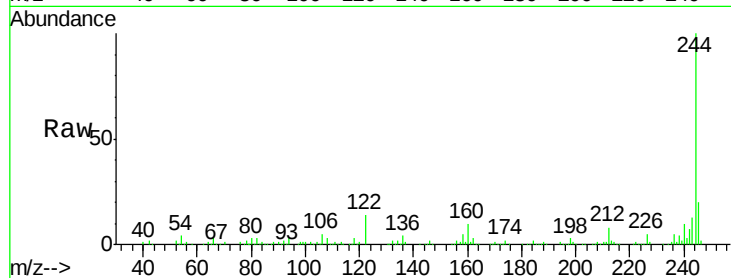




#78
 Terphenyl-d14
 Concen: 71.62 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077142.D
 Acq: 30 Jan 2015 4:53

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-050-12615

Tgt Ion: 244 Resp: 352955
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 14.4 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.70 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: BF077142.D
 Acq: 30 Jan 2015 4:53

Tgt Ion: 264 Resp: 110082
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 19.8 18.1 27.1

