

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077632.D
 Acq On : 6 Mar 2015 20:05
 Operator : TP/IZ
 Sample : G1442-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-078-3515

Quant Time: Mar 06 23:36:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	62335	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	247615	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	127446	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	243422	20.00	ng	0.00
75) Chrysene-d12	16.07	240	270669	20.00	ng	0.00
86) Perylene-d12	17.82	264	259294	20.00	ng	0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	183724	49.20	ng	0.00
7) Phenol-d6	6.76	99	131502	27.39	ng	0.00
23) Nitrobenzene-d5	7.89	82	359176	90.20	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	159369	129.87	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	768406	94.01	ng	0.00
78) Terphenyl-d14	14.79	244	896501	77.43	ng	0.00

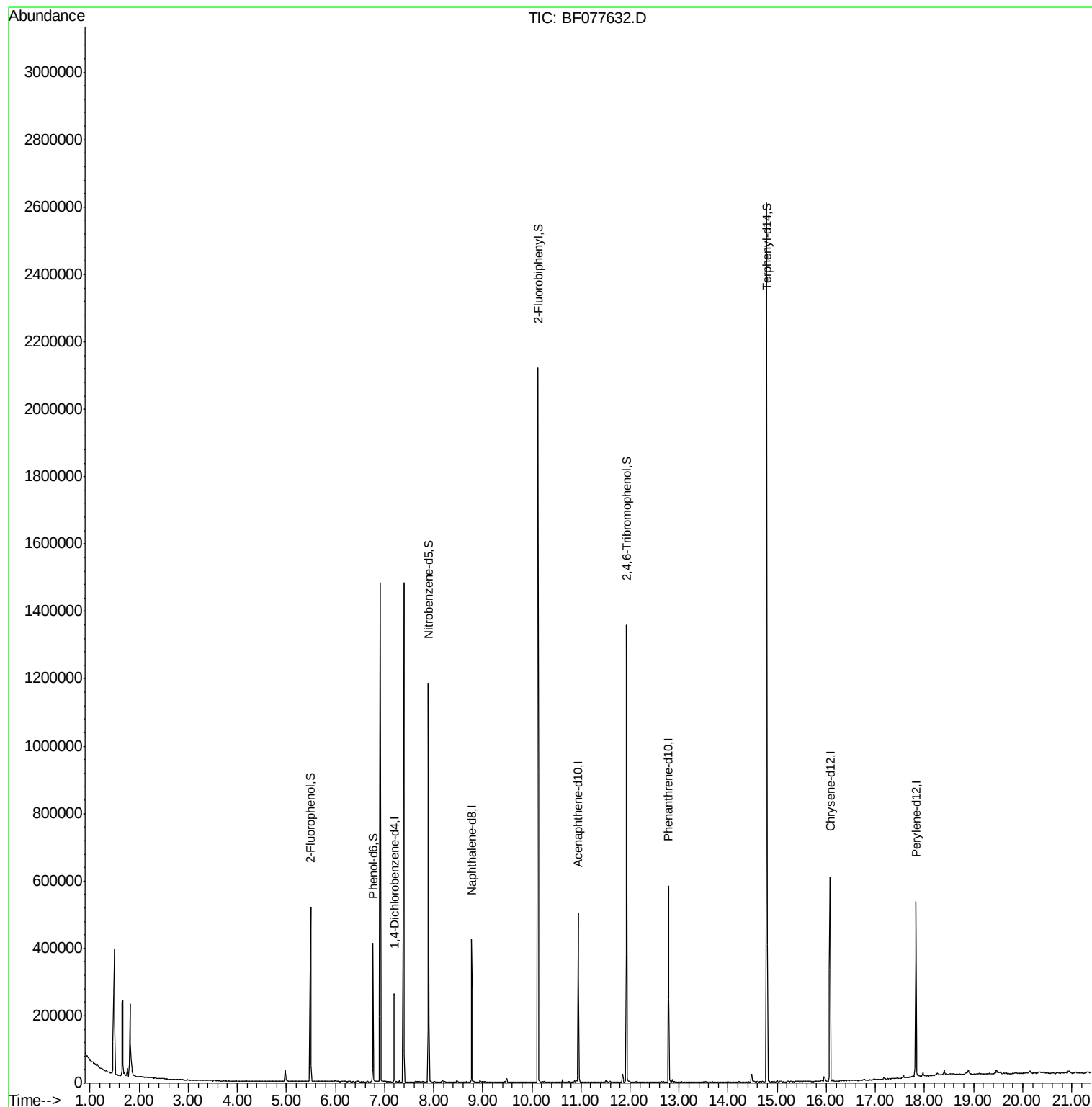
Target Compounds	Qvalue
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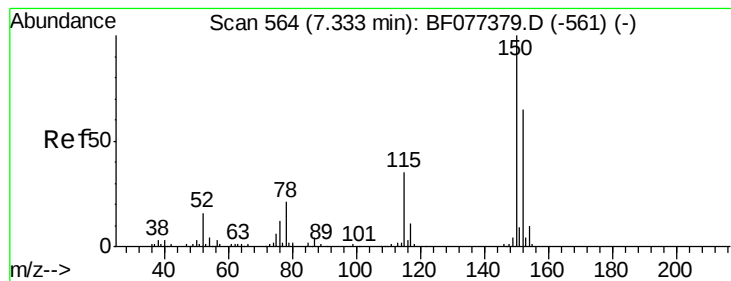
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.20 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077632.D

Acq: 6 Mar 2015 20:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-078-3515

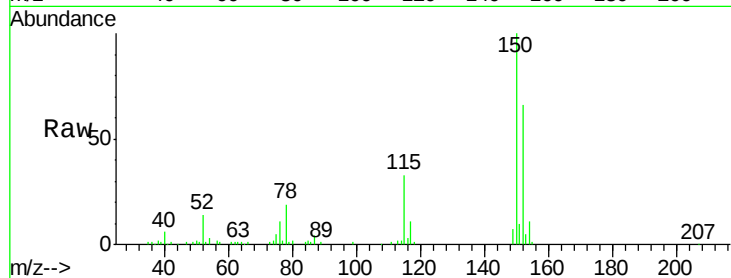
Tgt Ion:152 Resp: 62335

Ion Ratio Lower Upper

152 100

150 152.6 124.0 186.0

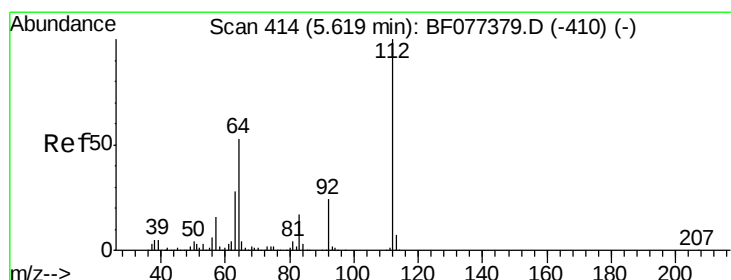
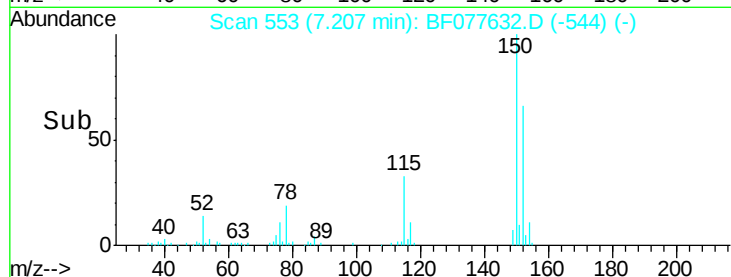
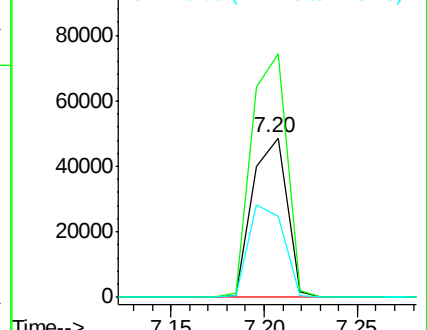
115 50.4 49.4 74.2



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: 49.20 ng

RT: 5.49 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF077632.D

Acq: 6 Mar 2015 20:05

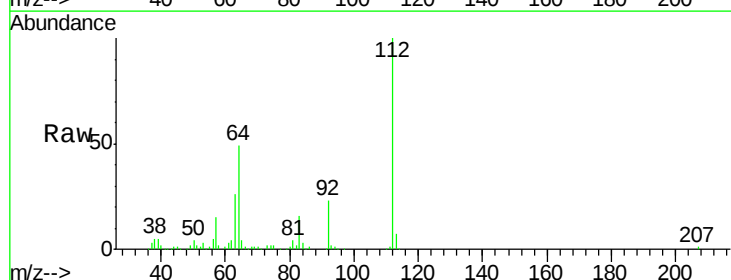
Tgt Ion:112 Resp: 183724

Ion Ratio Lower Upper

112 100

64 49.5 48.5 72.7

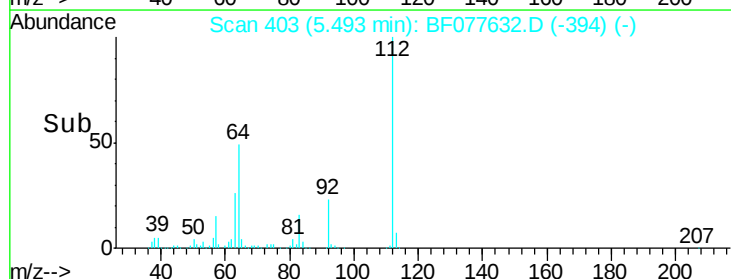
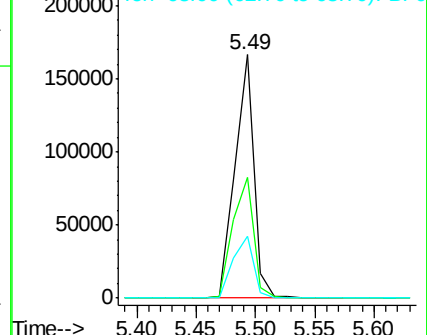
63 25.6 25.0 37.4



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: 27.39 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF077632.D

Acq: 6 Mar 2015 20:05

Instrument :

BNA_F

ClientSampleId :

DCW-WW-078-3515

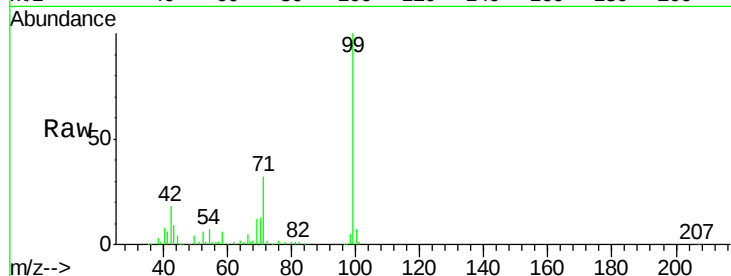
Tgt Ion: 99 Resp: 131502

Ion Ratio Lower Upper

99 100

42 18.2 16.2 24.4

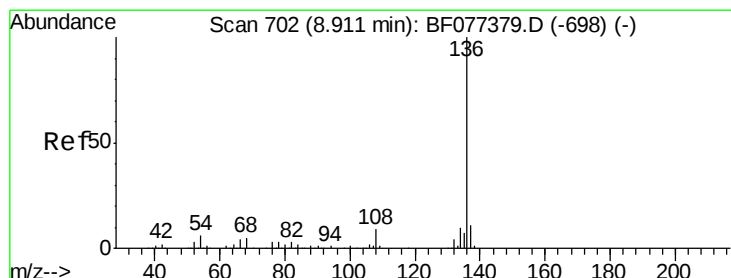
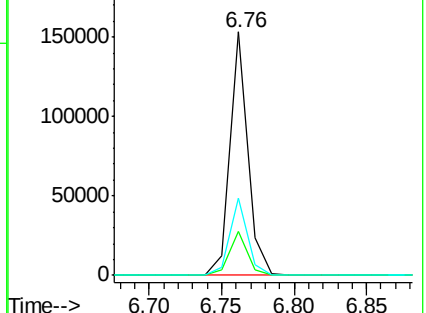
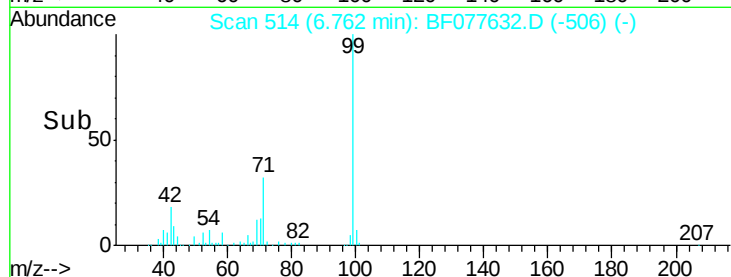
71 31.9 26.7 40.1



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: 8.78 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077632.D

Acq: 6 Mar 2015 20:05

Tgt Ion: 136 Resp: 247615

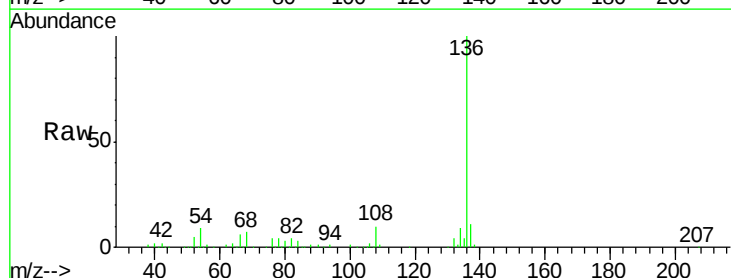
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.1 6.2 9.4

68 6.9 5.0 7.6

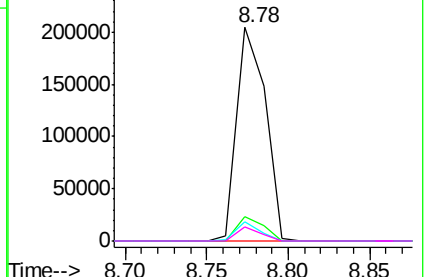
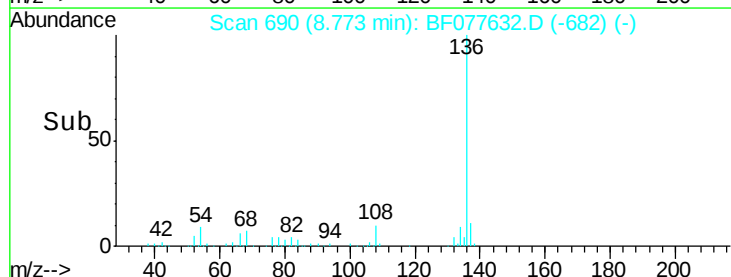


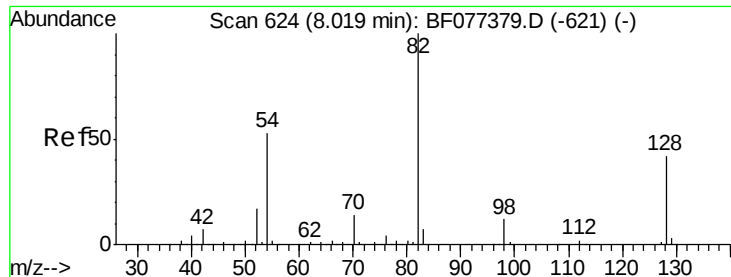
Abundance Ion 136.00 (135.70 to 136.70): E

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

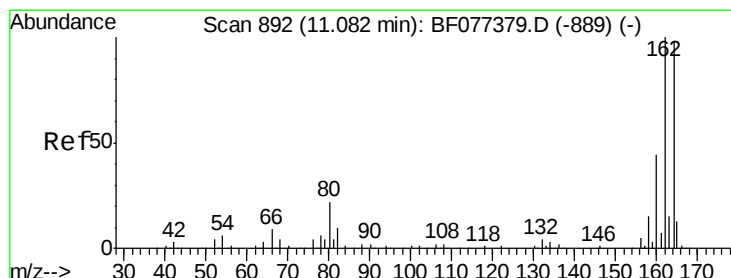
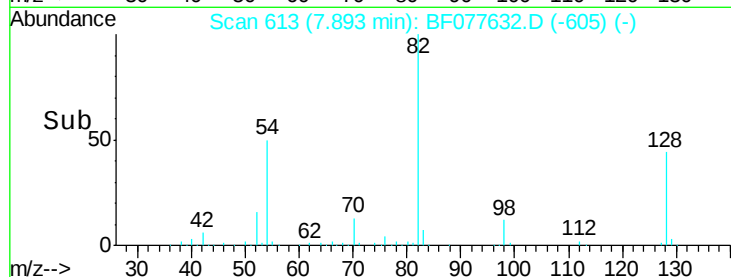
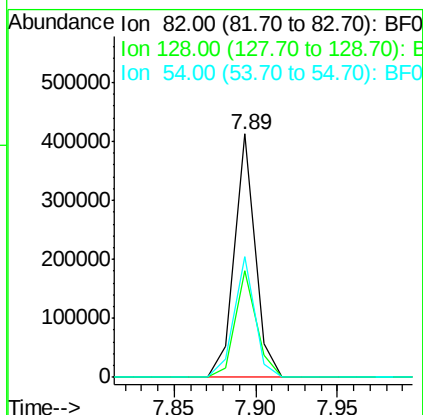
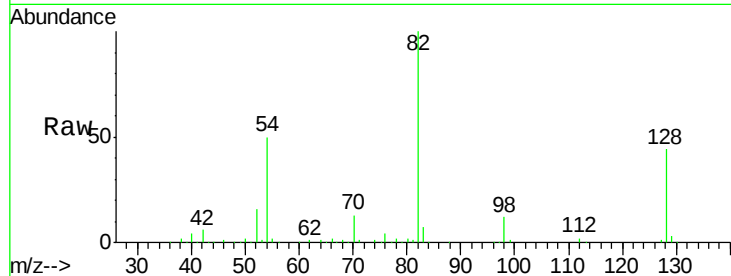




#23
Nitrobenzene-d5
Concen: 90.20 ng
RT: 7.89 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF077632.D
Acq: 6 Mar 2015 20:05

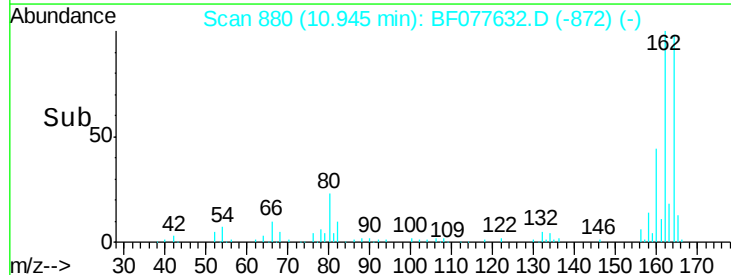
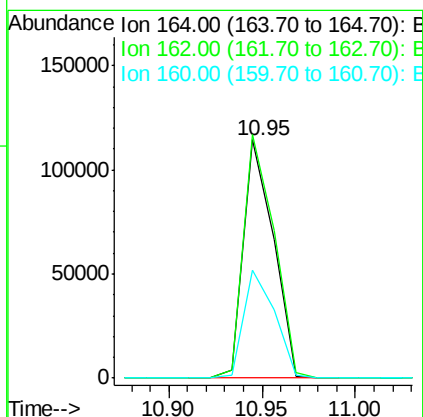
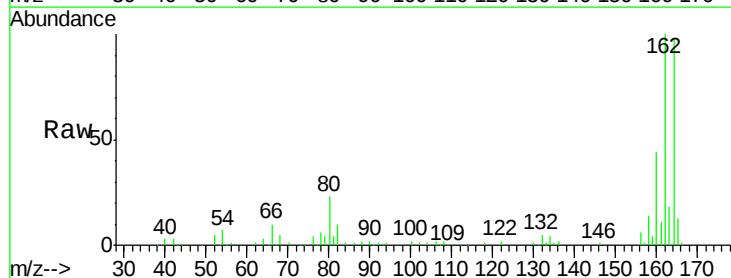
Instrument :
BNA_F
ClientSampleId :
DCW-WW-078-3515

Tgt Ion: 82 Resp: 359176
Ion Ratio Lower Upper
82 100
128 44.0 43.8 65.8
54 49.7 36.7 55.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077632.D
Acq: 6 Mar 2015 20:05

Tgt Ion: 164 Resp: 127446
Ion Ratio Lower Upper
164 100
162 102.4 83.2 124.8
160 45.5 34.6 52.0

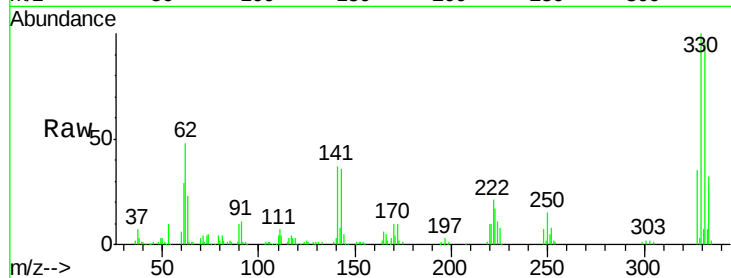




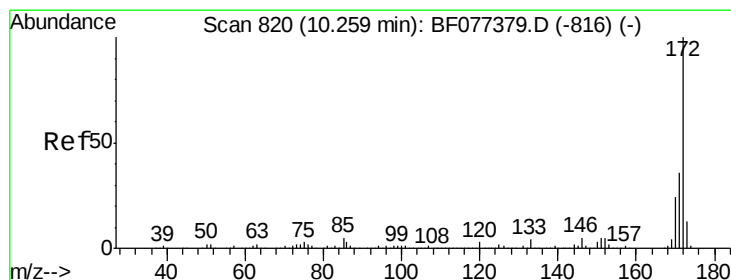
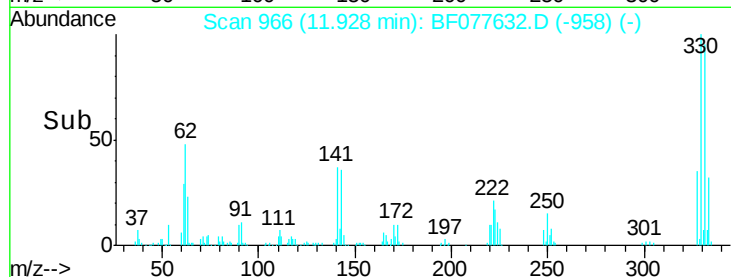
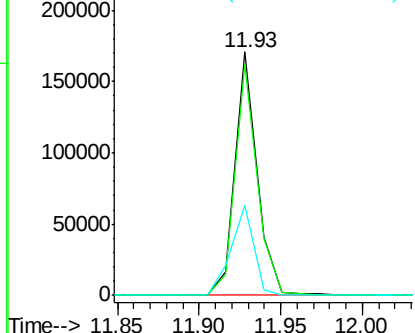
#41
 2,4,6-Tribromophenol
 Concen: 129.87 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077632.D
 Acq: 6 Mar 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-078-3515

Tgt Ion:330 Resp: 159369
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 38.6 28.8 43.2

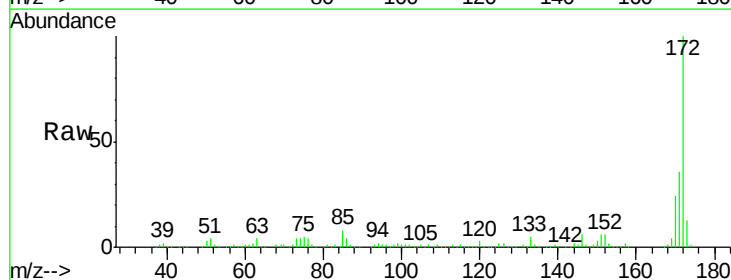


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

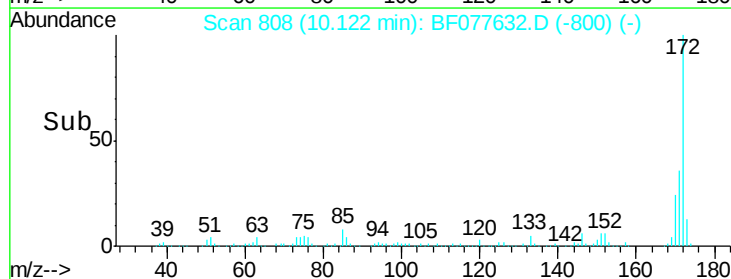
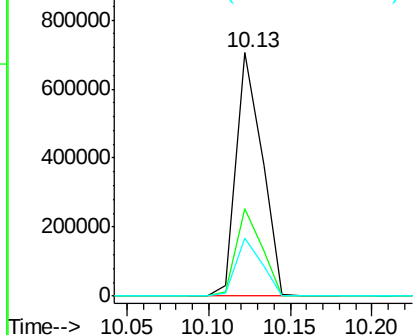


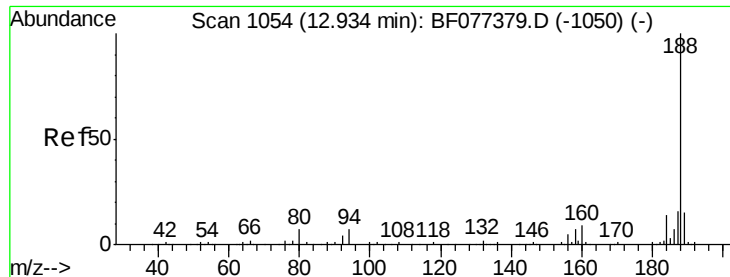
#44
 2-Fluorobiphenyl
 Concen: 94.01 ng
 RT: 10.13 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077632.D
 Acq: 6 Mar 2015 20:05

Tgt Ion:172 Resp: 768406
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.6 19.4 29.2



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

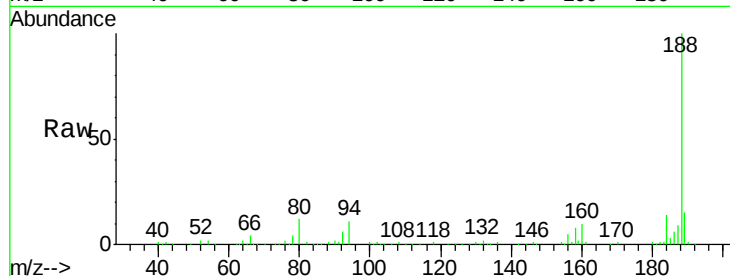




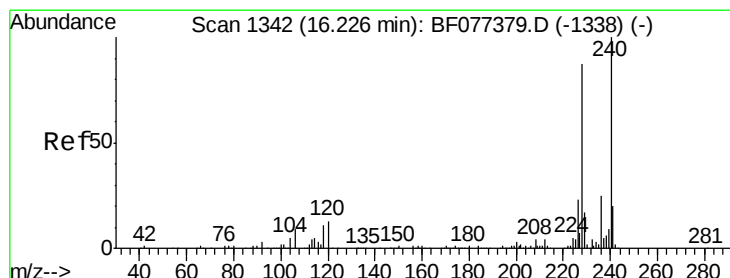
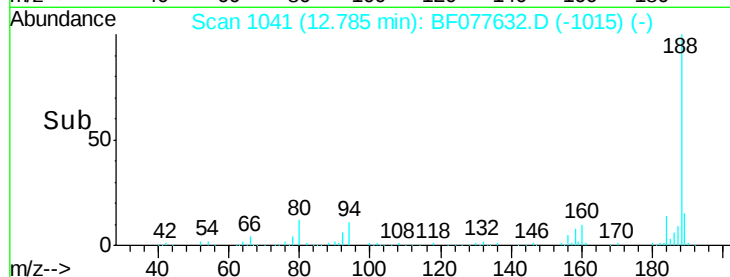
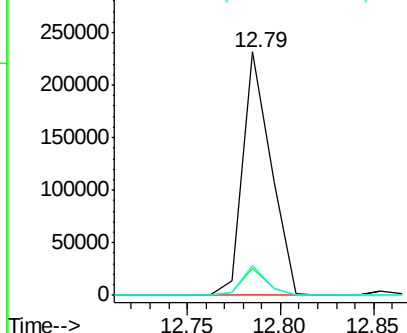
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077632.D
Acq: 6 Mar 2015 20:05

Instrument :
BNA_F
ClientSampleId :
DCW-WW-078-3515

Tgt Ion:188 Resp: 243422
Ion Ratio Lower Upper
188 100
94 11.3 7.4 11.2#
80 12.4 8.0 12.0#

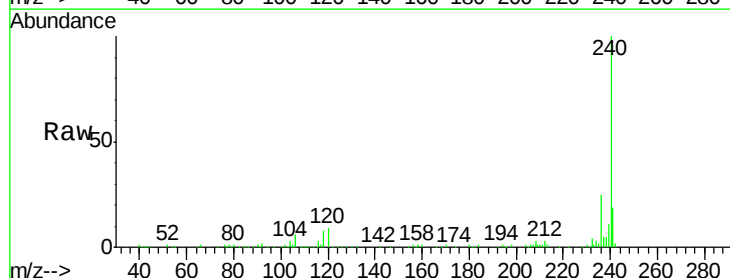


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

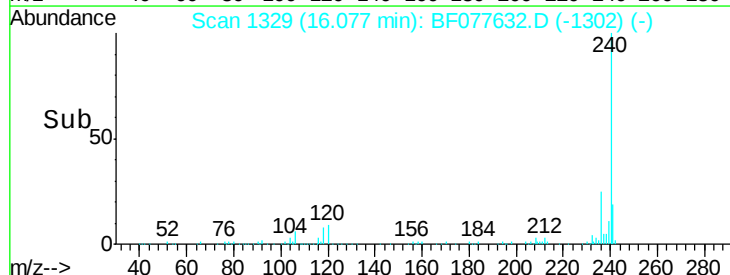
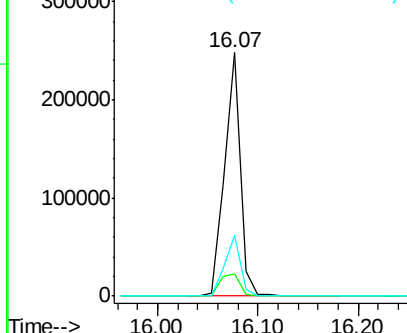


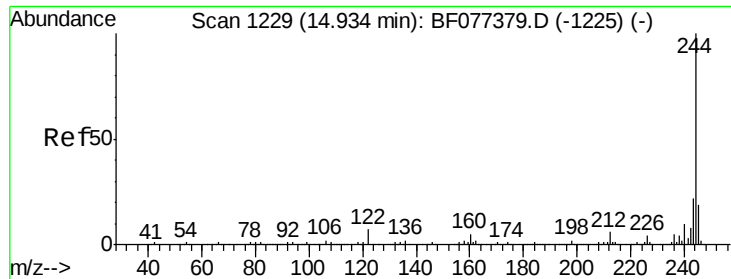
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF077632.D
Acq: 6 Mar 2015 20:05

Tgt Ion:240 Resp: 270669
Ion Ratio Lower Upper
240 100
120 9.1 8.8 13.2
236 25.0 20.7 31.1



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

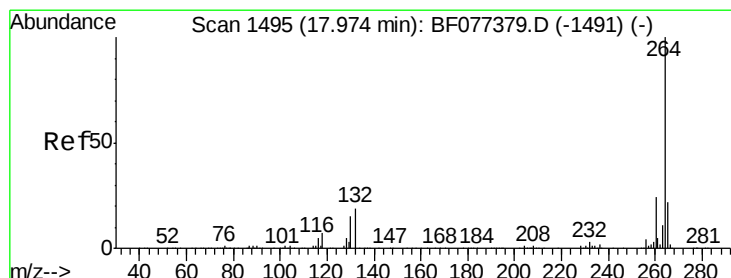
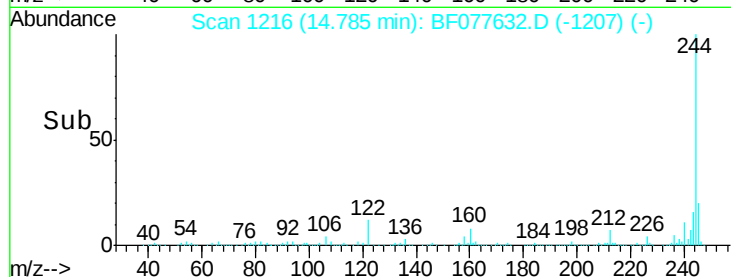
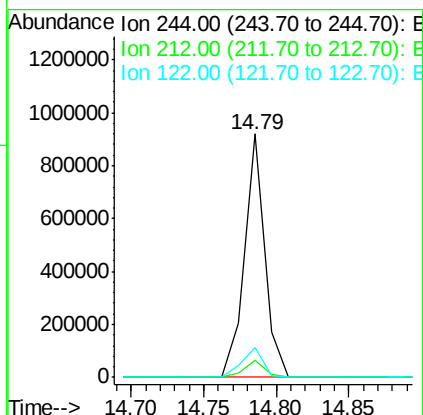
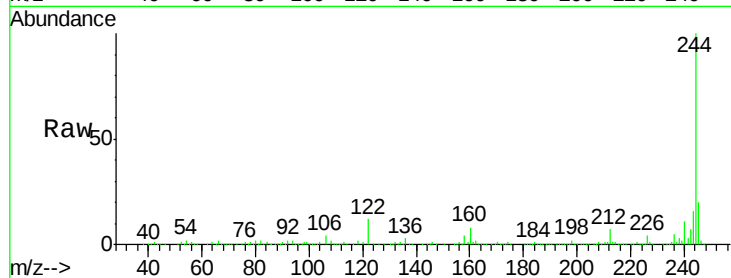




#78
 Terphenyl-d14
 Concen: 77.43 ng
 RT: 14.79 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF077632.D
 Acq: 6 Mar 2015 20:05

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-078-3515

Tgt Ion:244 Resp: 896501
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 12.2 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1482
 Delta R.T. 0.07 min
 Lab File: BF077632.D
 Acq: 6 Mar 2015 20:05

Tgt Ion:264 Resp: 259294
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.4 16.8 25.2

