

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078072.D
 Acq On : 28 Mar 2015 10:17
 Operator : TP/IZ
 Sample : G1677-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)

Quant Time: Mar 30 00:15:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 30 00:50:20 2015
 Response via : Initial Calibration

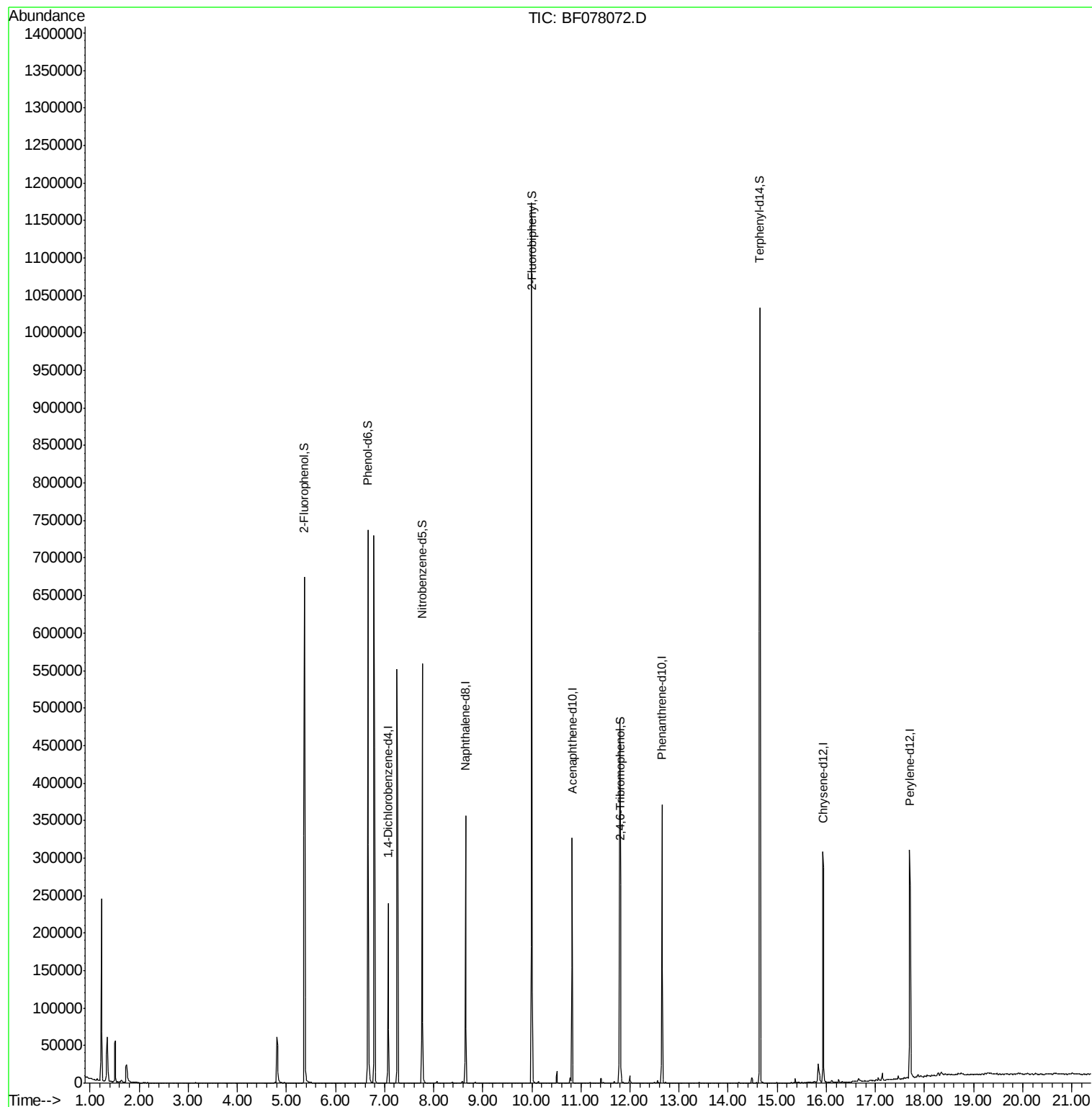
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	40143	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	164817	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77089	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	161237	20.00	ng	0.00
75) Chrysene-d12	15.94	240	173726	20.00	ng	0.01
86) Perylene-d12	17.70	264	170275	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	244821	106.45	ng	0.00
7) Phenol-d6	6.66	99	297015	104.53	ng	-0.01
23) Nitrobenzene-d5	7.77	82	172043	68.43	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	68022	92.22	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	364364	69.46	ng	0.00
78) Terphenyl-d14	14.65	244	429142	60.34	ng	0.00
Target Compounds						
76) Benzidine	14.35	184	415	Below Cal	Qvalue #	68

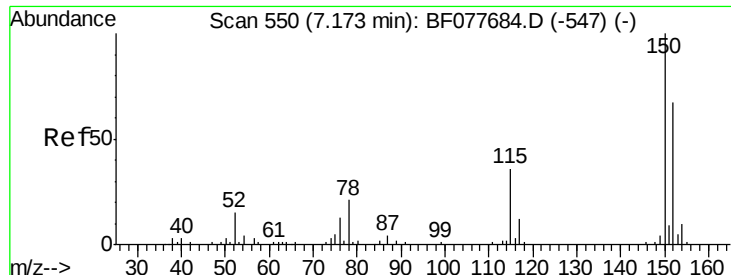
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078072.D
Acq On : 28 Mar 2015 10:17
Operator : TP/IZ
Sample : G1677-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL-4S-2(7.0-7.5)

Quant Time: Mar 30 00:15:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 30 00:50:20 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)

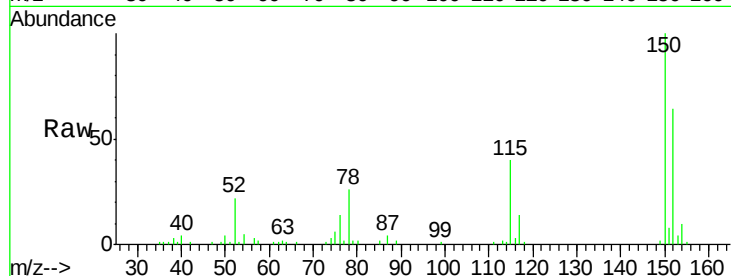
Tgt Ion:152 Resp: 40143

Ion Ratio Lower Upper

152 100

150 156.0 119.5 179.3

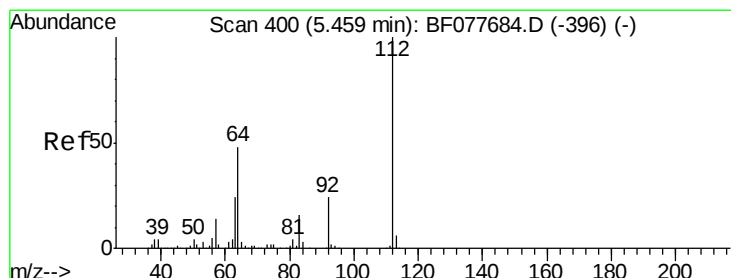
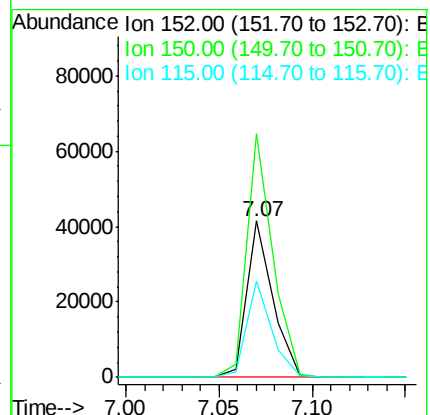
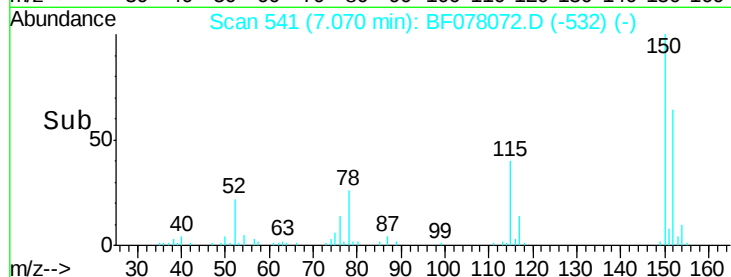
115 62.2 43.0 64.4



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: 106.45 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

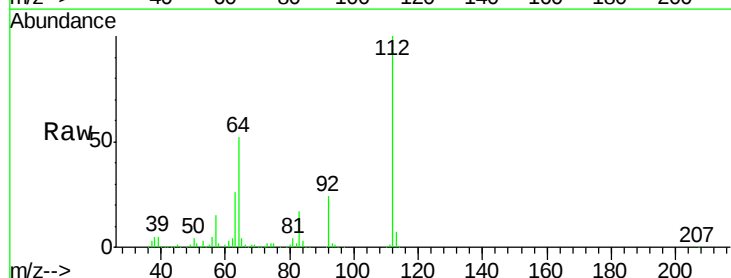
Tgt Ion:112 Resp: 244821

Ion Ratio Lower Upper

112 100

64 52.0 38.6 57.8

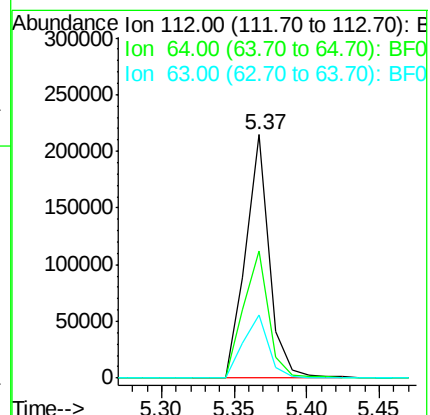
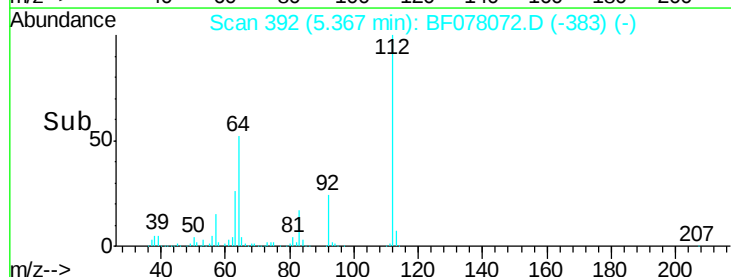
63 25.9 19.3 28.9



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: 104.53 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)

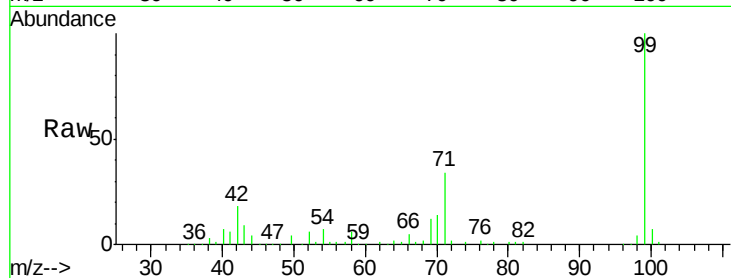
Tgt Ion: 99 Resp: 297015

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

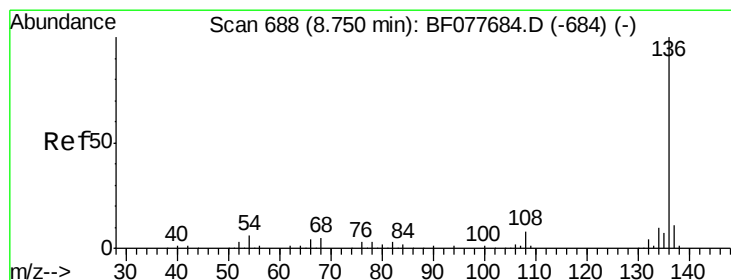
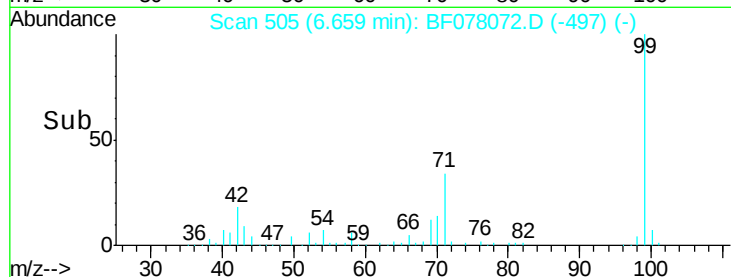
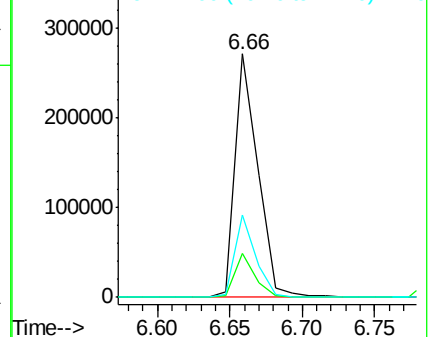
71 33.8 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

Tgt Ion: 136 Resp: 164817

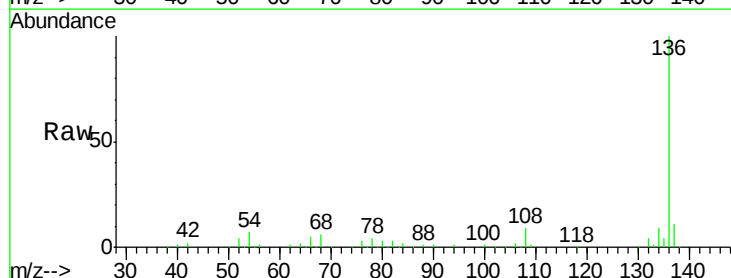
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.3 4.6 6.8#

68 6.2 3.7 5.5#

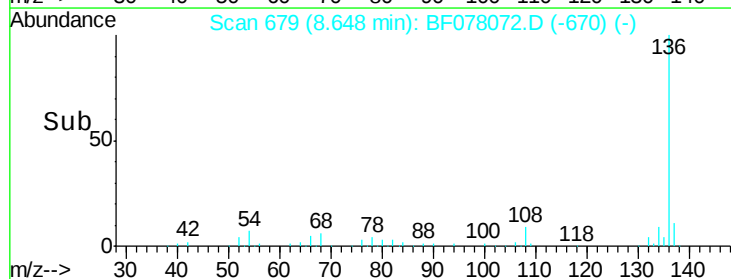
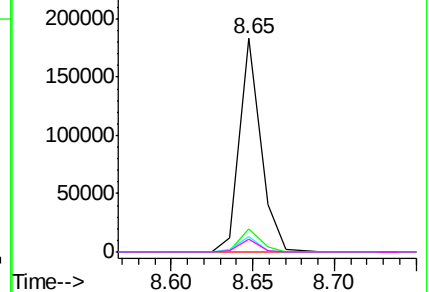


Abundance Ion 136.00 (135.70 to 136.70): E

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

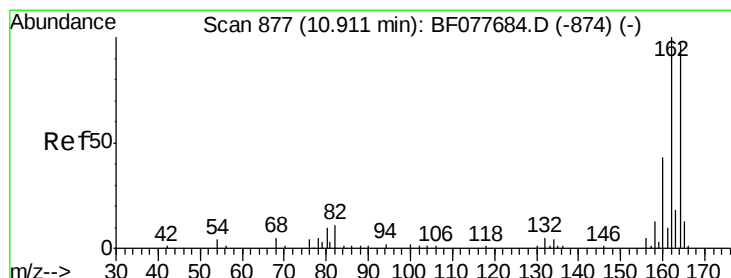
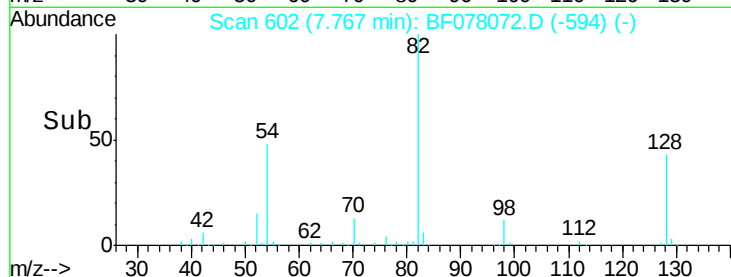
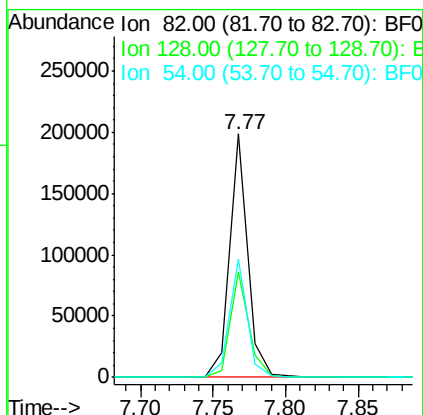
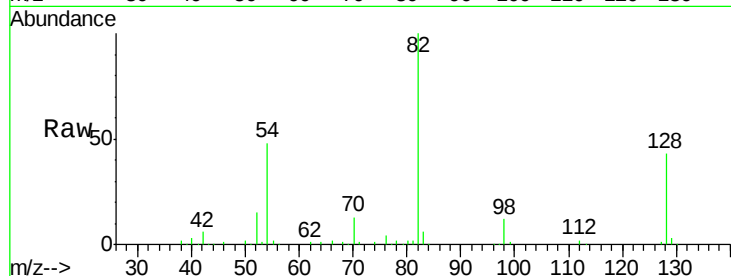




#23
 Nitrobenzene-d5
 Concen: 68.43 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

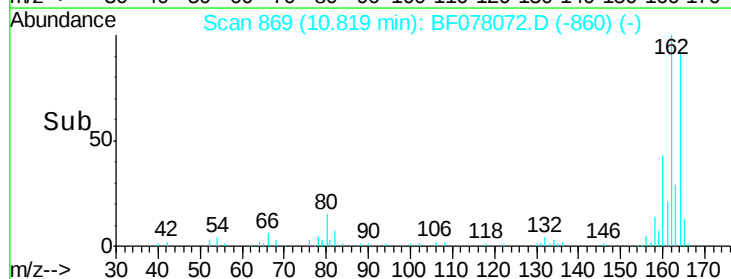
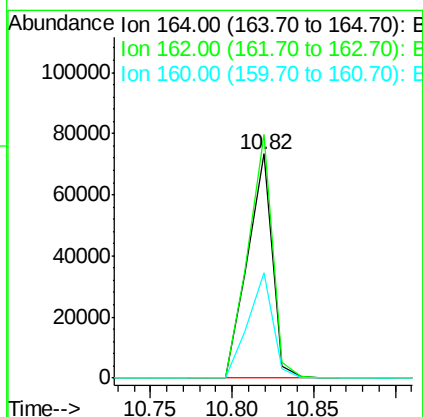
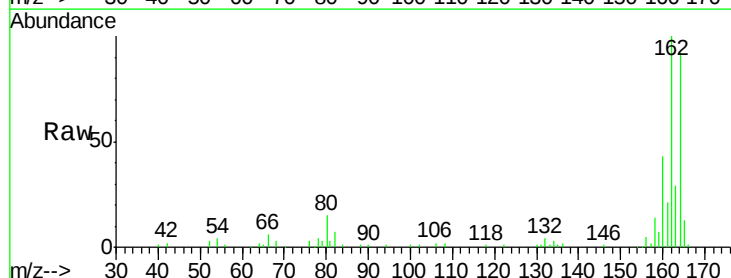
Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)

Tgt Ion: 82 Resp: 172043
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.8 49.2
 54 48.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

Tgt Ion: 164 Resp: 77089
 Ion Ratio Lower Upper
 164 100
 162 108.7 82.4 123.6
 160 47.1 35.8 53.6

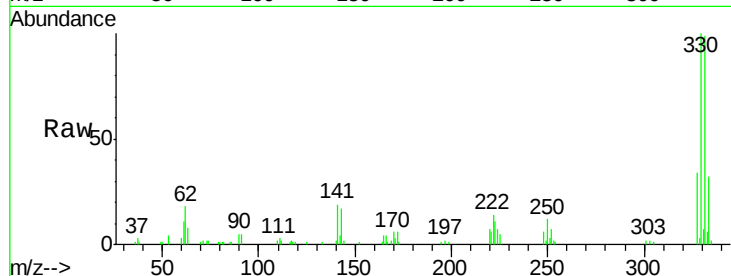




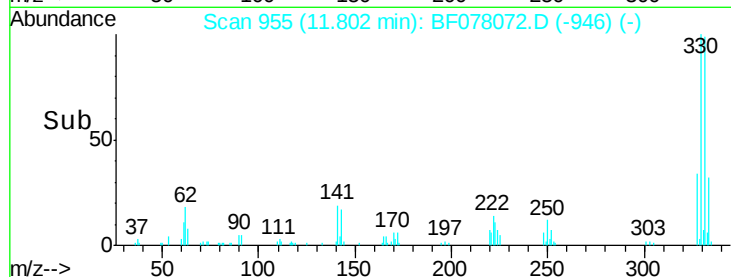
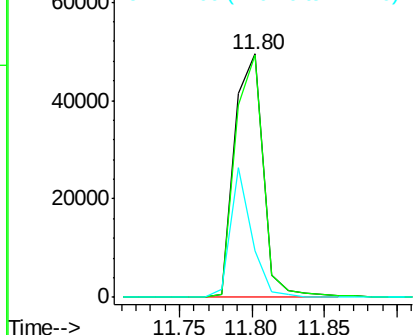
#41
 2,4,6-Tribromophenol
 Concen: 92.22 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)

Tgt Ion:330 Resp: 68022
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 39.5 0.0 0.0#

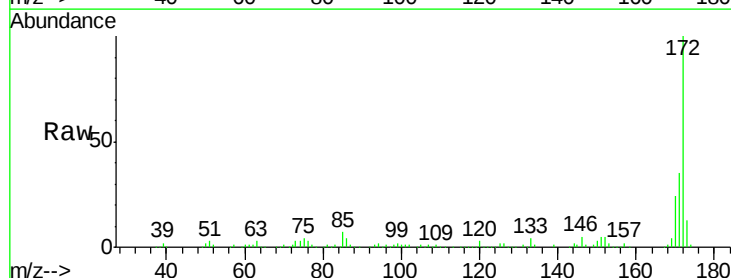


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

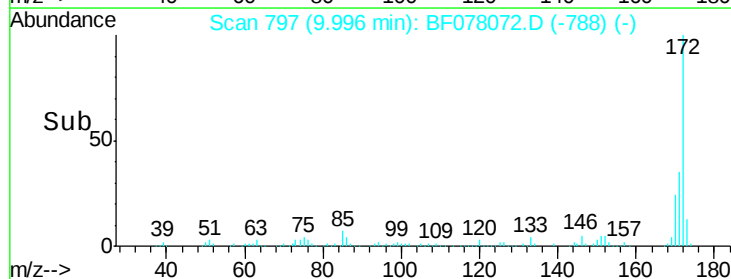
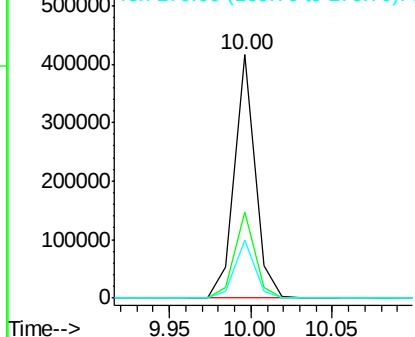


#44
 2-Fluorobiphenyl
 Concen: 69.46 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

Tgt Ion:172 Resp: 364364
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.7 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: 12.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

DEL-4S-2(7.0-7.5)

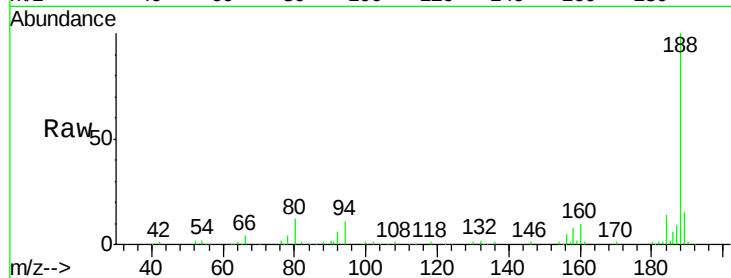
Tgt Ion:188 Resp: 161237

Ion Ratio Lower Upper

188 100

94 10.6 8.7 13.1

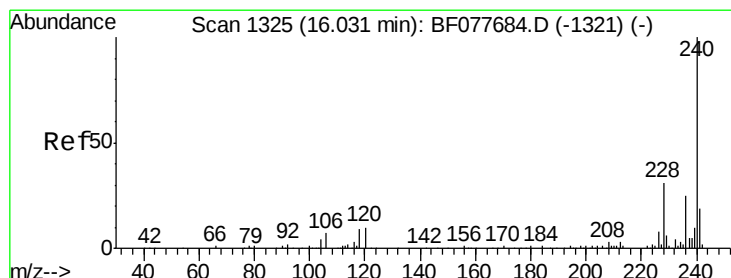
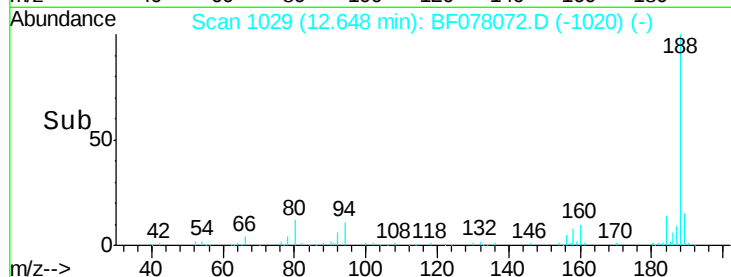
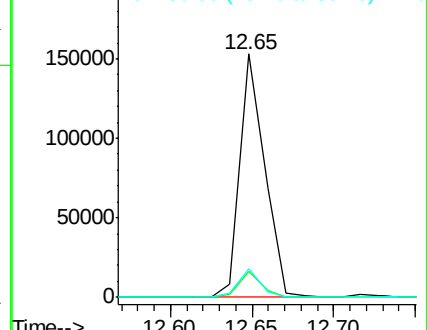
80 11.9 9.3 13.9



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: 15.94 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF078072.D

Acq: 28 Mar 2015 10:17

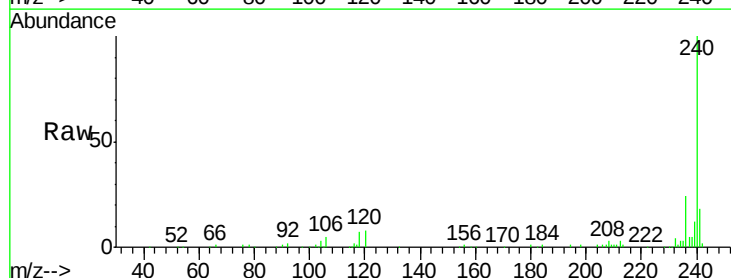
Tgt Ion:240 Resp: 173726

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

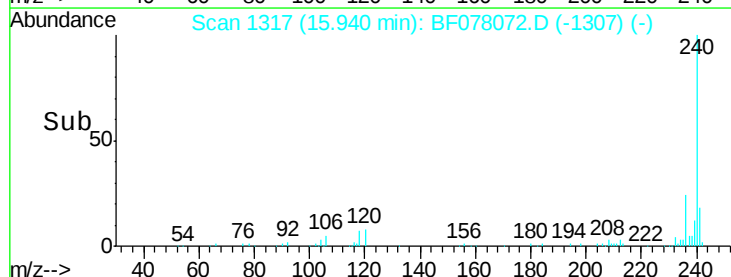
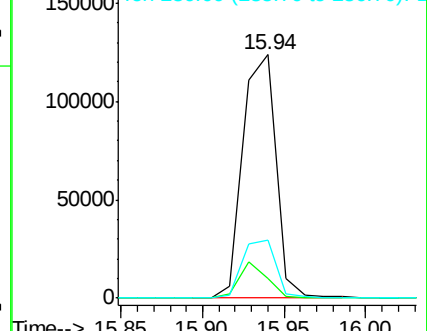
236 23.8 20.0 30.0

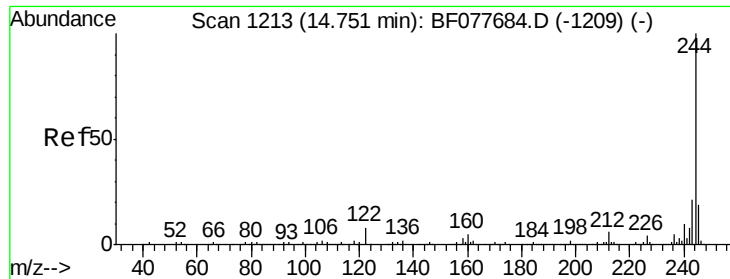


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

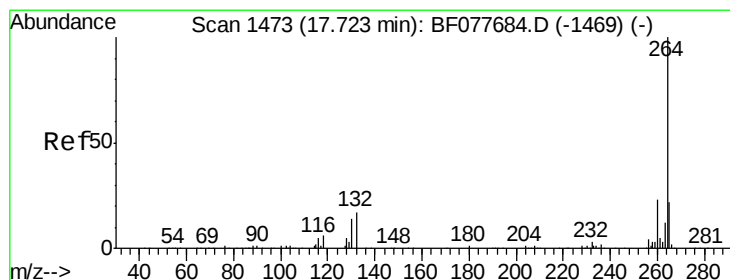
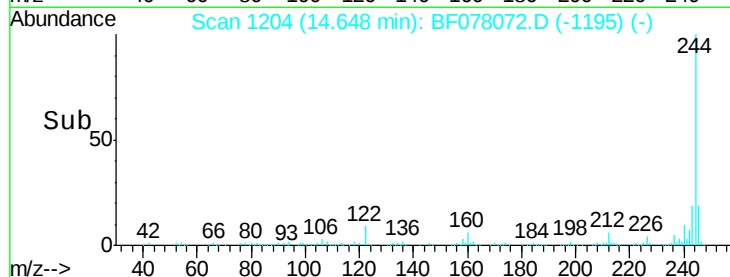
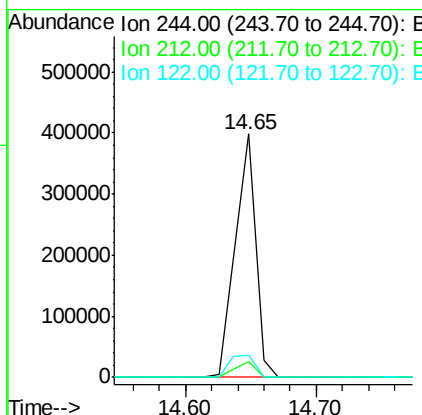
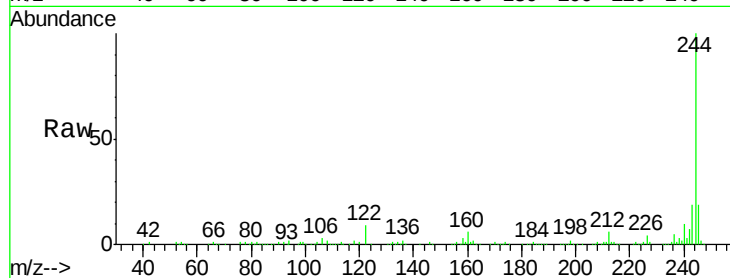




#78
 Terphenyl-d14
 Concen: 60.34 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 DEL-4S-2(7.0-7.5)

Tgt Ion:244 Resp: 429142
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BF078072.D
 Acq: 28 Mar 2015 10:17

Tgt Ion:264 Resp: 170275
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.2 17.3 25.9

