

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078224.D
 Acq On : 3 Apr 2015 4:33
 Operator : TP/IZ
 Sample : G1736-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Apr 03 05:44:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

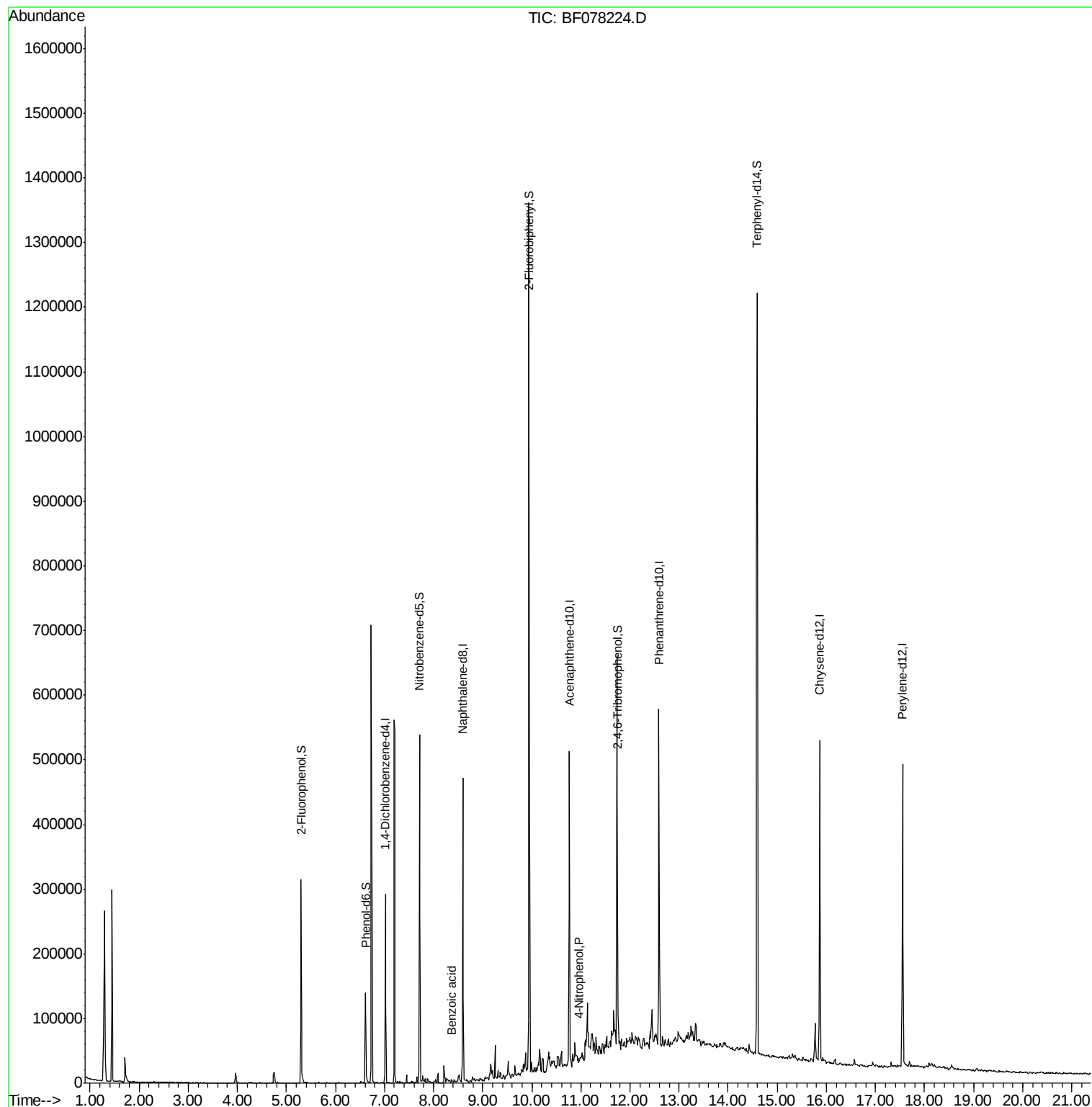
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	51089	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	215752	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	109344	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	201070	20.00	ng	0.00
75) Chrysene-d12	15.86	240	216719	20.00	ng	-0.02
86) Perylene-d12	17.55	264	208097	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	110621	35.70	ng	0.01
7) Phenol-d6	6.61	99	84464	21.75	ng	0.01
23) Nitrobenzene-d5	7.71	82	200445	56.31	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	88314	97.38	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	454948	59.47	ng	0.00
78) Terphenyl-d14	14.59	244	487557	50.84	ng	0.00
Target Compounds						
32) Benzoic acid	8.36	122	365	6.00	ng	# 25
55) 4-Nitrophenol	10.96	139	747	3.27	ng	# 1

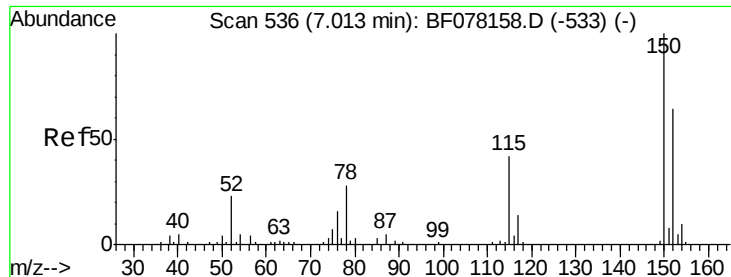
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

Instrument :

BNA_F

ClientSampled :

MW-05

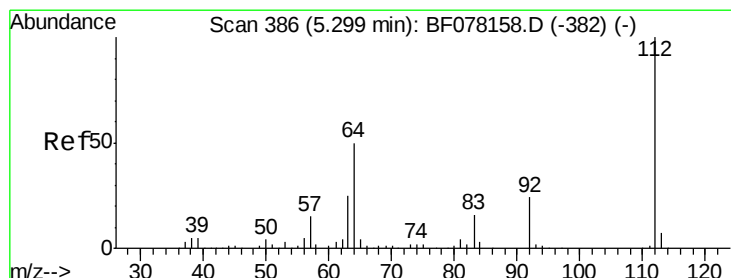
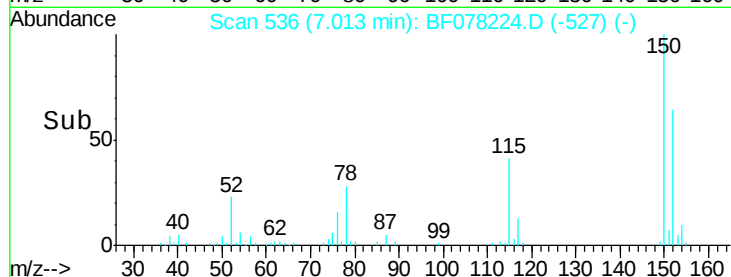
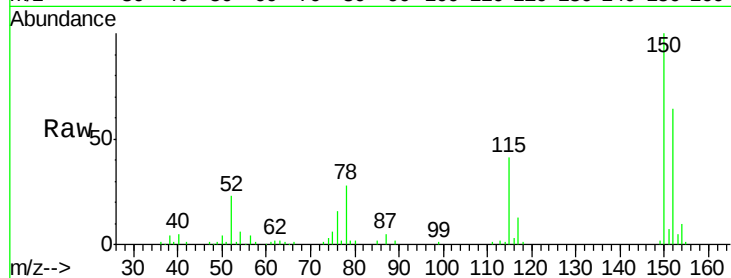
Tgt Ion:152 Resp: 51089

Ion Ratio Lower Upper

152 100

150 155.2 125.9 188.9

115 63.6 52.7 79.1



#5

2-Fluorophenol

Concen: 35.70 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

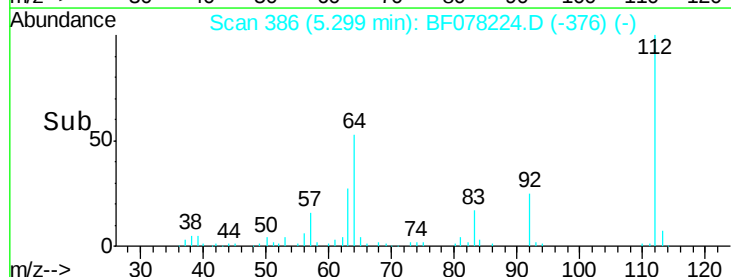
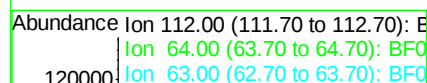
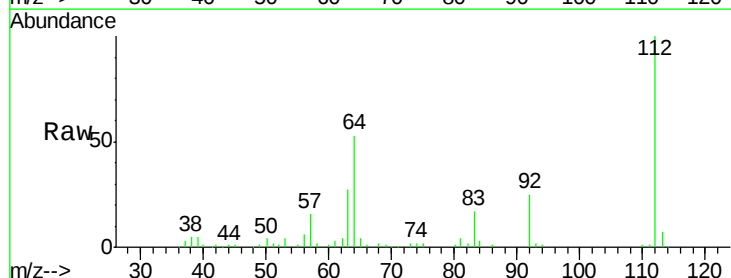
Tgt Ion:112 Resp: 110621

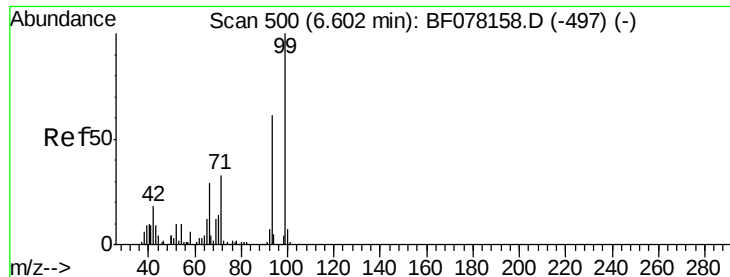
Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

63 27.0 20.2 30.4





#7

Phenol-d6

Concen: 21.75 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

Instrument :

BNA_F

ClientSampleId :

MW-05

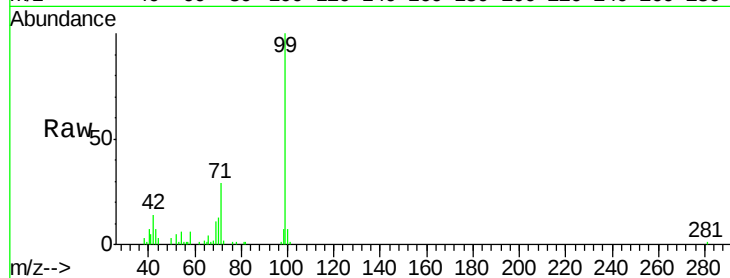
Tgt Ion: 99 Resp: 84464

Ion Ratio Lower Upper

99 100

42 13.8 14.8 22.2#

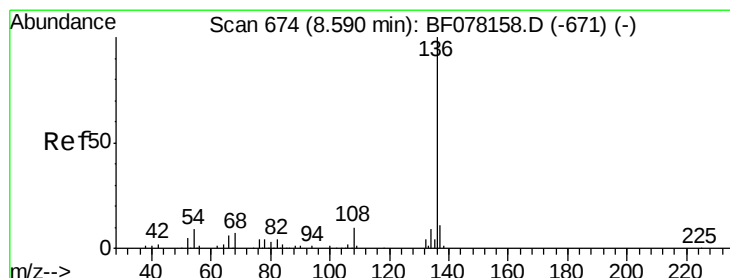
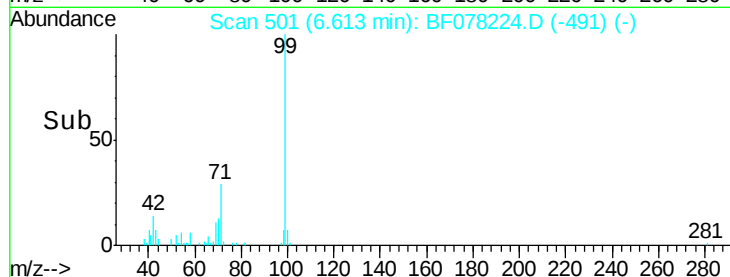
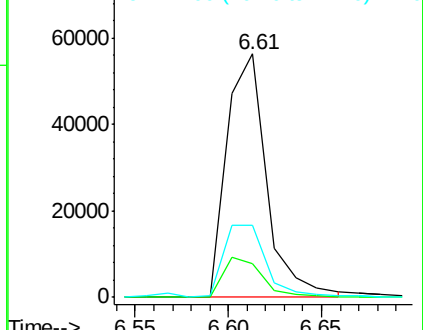
71 29.5 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

Tgt Ion: 136 Resp: 215752

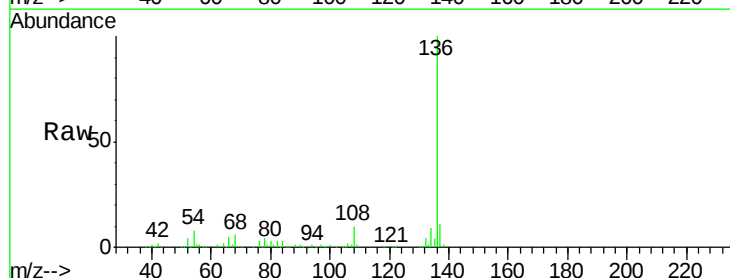
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.7 7.0 10.6

68 6.3 5.4 8.2

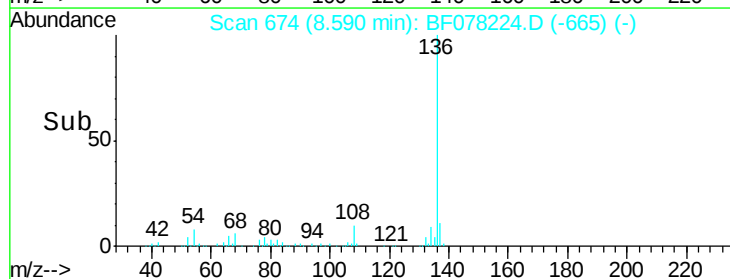
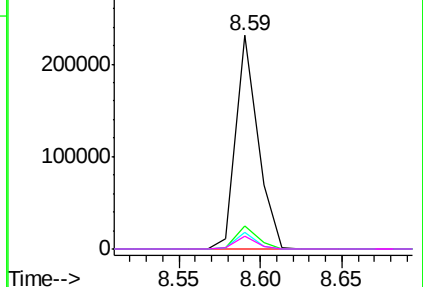


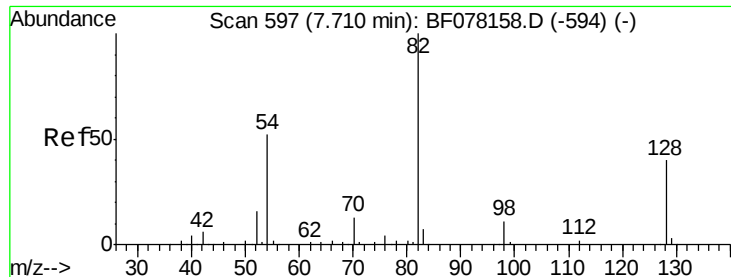
Abundance Ion 136.00 (135.70 to 136.70): E

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

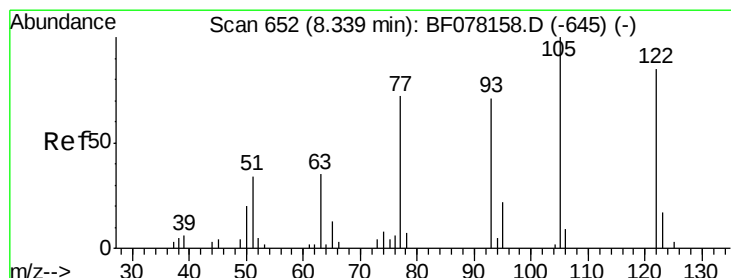
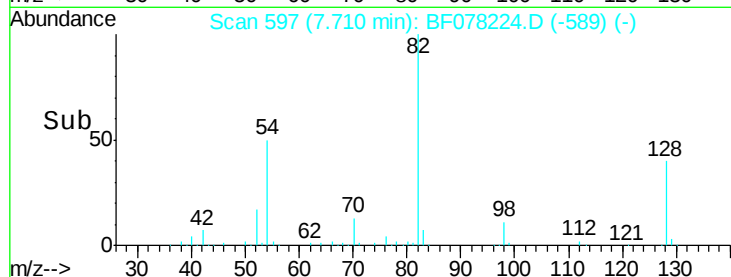
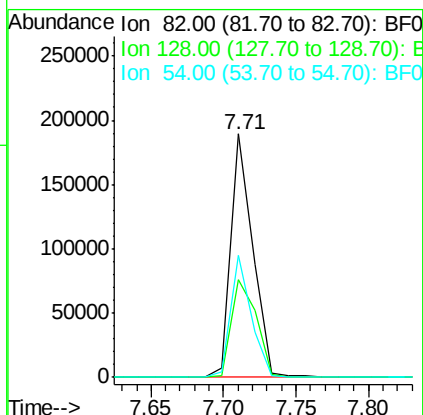
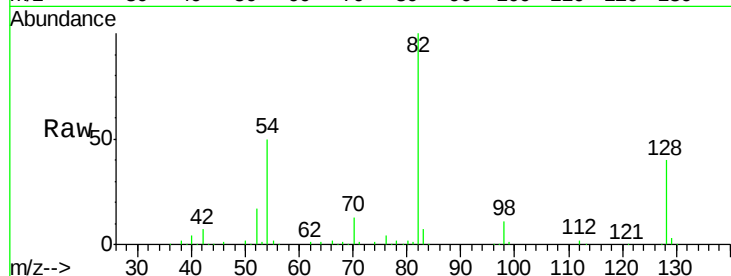




#23
 Nitrobenzene-d5
 Concen: 56.31 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

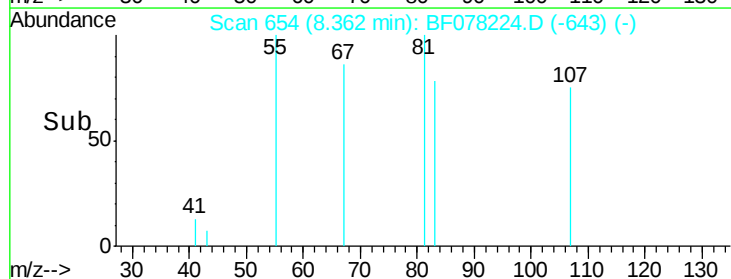
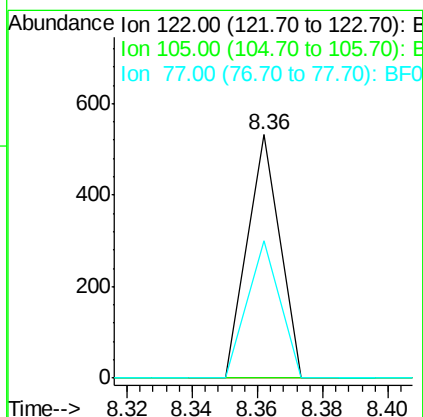
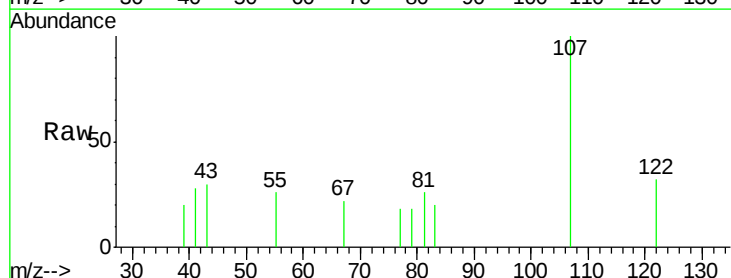
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

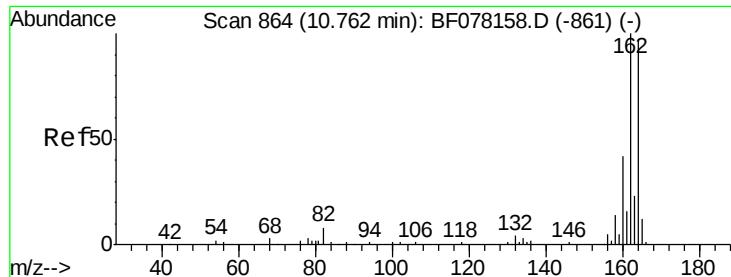
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.8
54	50.1	41.5	62.3



#32
 Benzoic acid
 Concen: 6.00 ng
 RT: 8.36 min Scan# 654
 Delta R.T. 0.02 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	96.1	136.1#
77	56.6	64.1	104.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

Instrument :

BNA_F

ClientSampleId :

MW-05

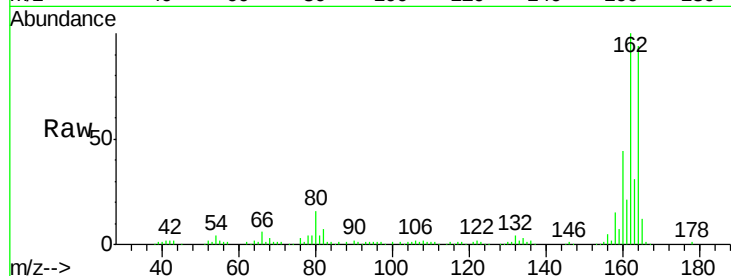
Tgt Ion:164 Resp: 109344

Ion Ratio Lower Upper

164 100

162 106.7 82.2 123.2

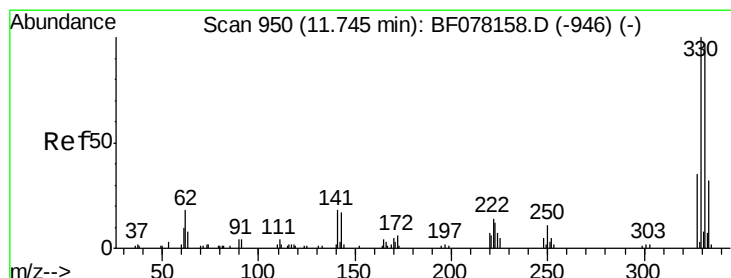
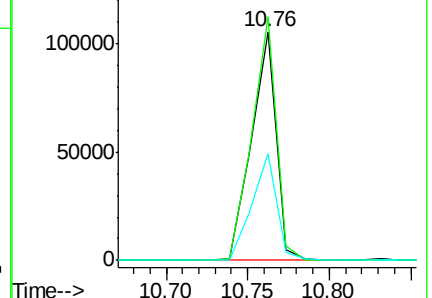
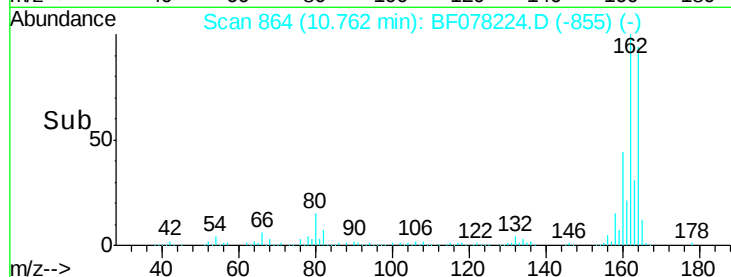
160 46.8 34.7 52.1



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: 97.38 ng

RT: 11.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF078224.D

Acq: 3 Apr 2015 4:33

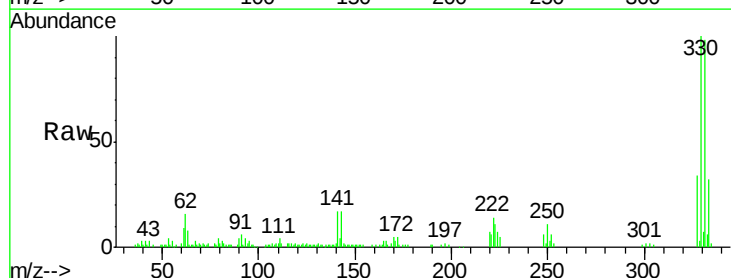
Tgt Ion:330 Resp: 88314

Ion Ratio Lower Upper

330 100

332 96.8 78.6 117.8

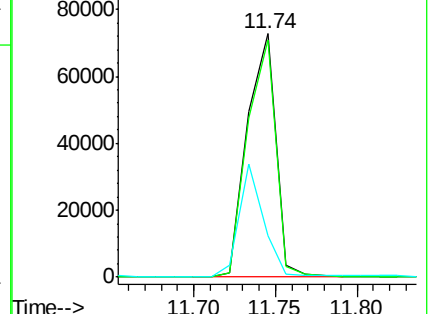
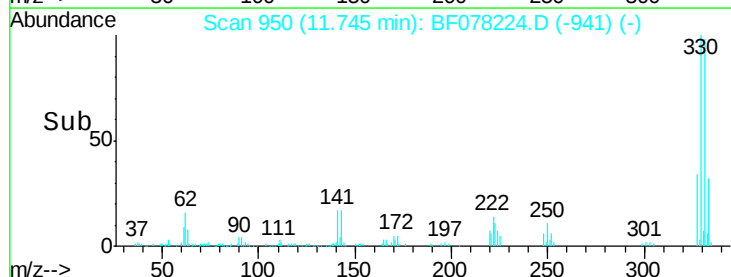
141 40.7 31.2 46.8

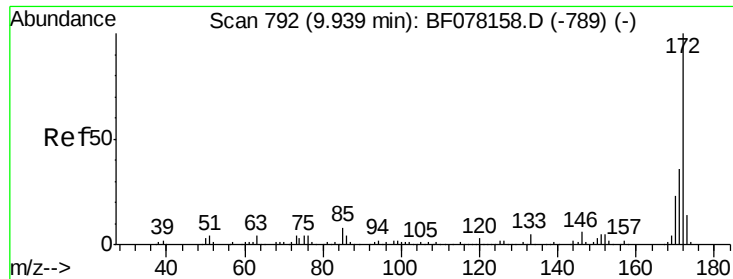


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

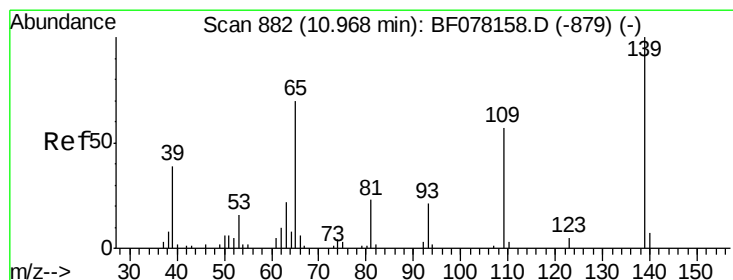
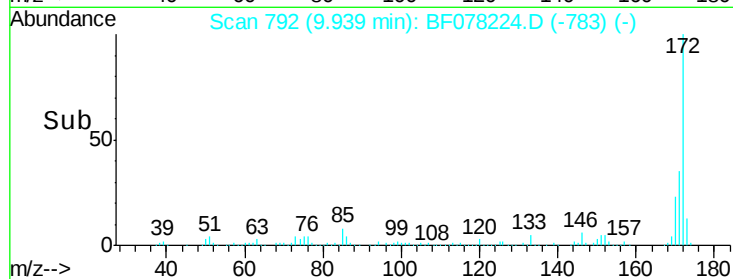
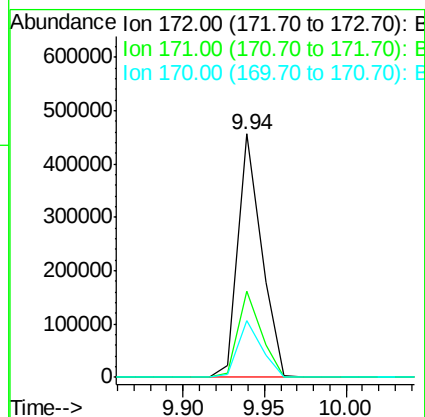
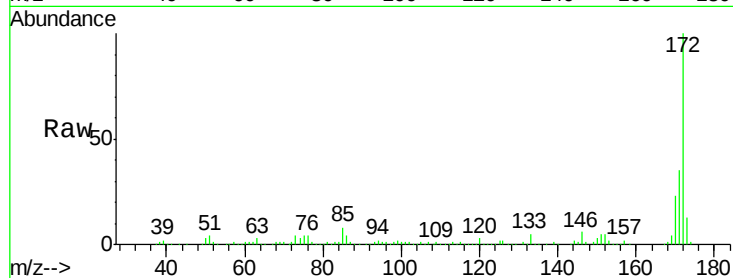




#44
 2-Fluorobiphenyl
 Concen: 59.47 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

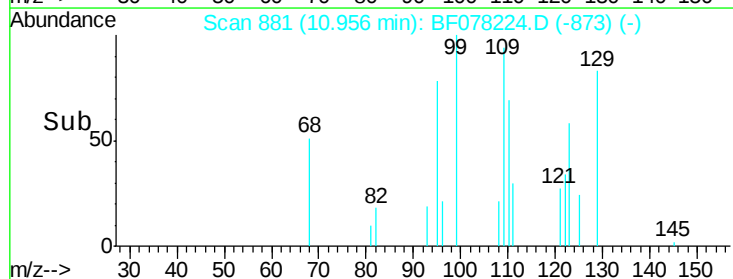
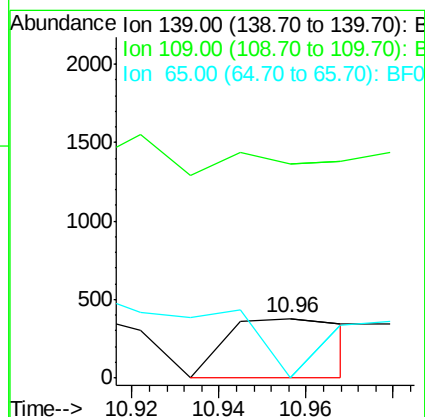
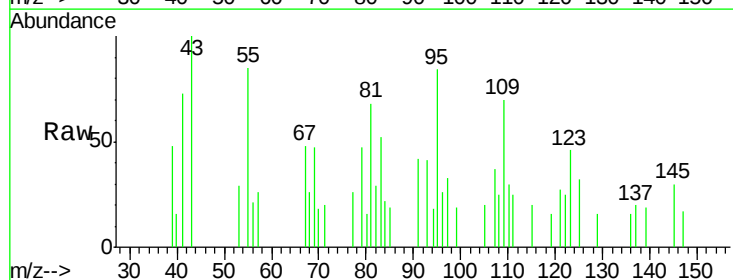
Instrument :
 BNA_F
 ClientSampleId :
 MW-05

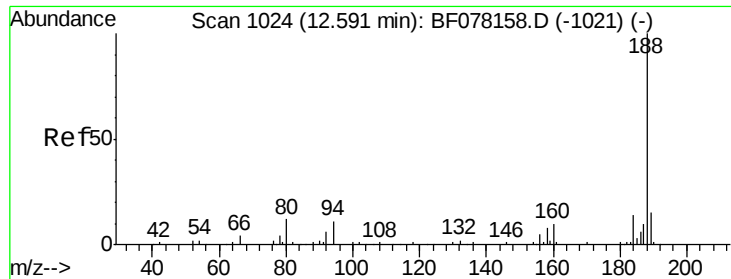
Tgt Ion:172 Resp: 454948
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.4 18.5 27.7



#55
 4-Nitrophenol
 Concen: 3.27 ng
 RT: 10.96 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

Tgt Ion:139 Resp: 747
 Ion Ratio Lower Upper
 139 100
 109 358.3 36.7 76.7#
 65 0.0 49.9 89.9#

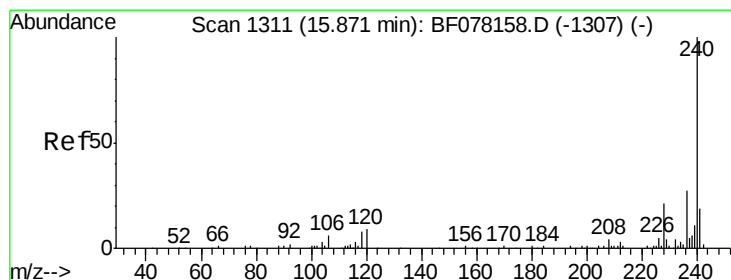
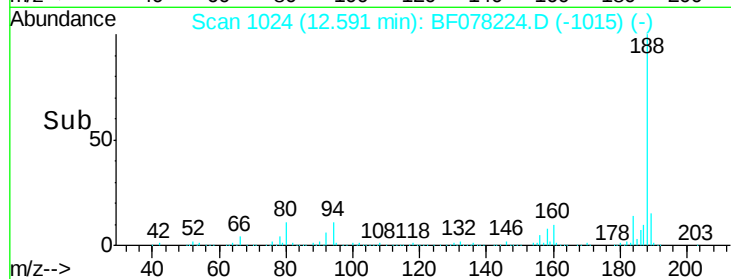
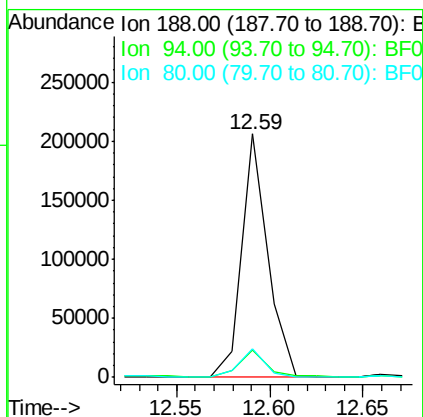
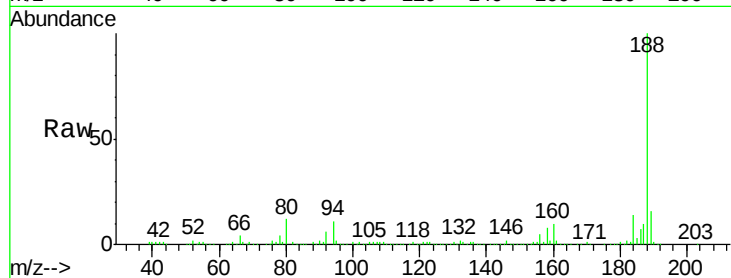




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078224.D
Acq: 3 Apr 2015 4:33

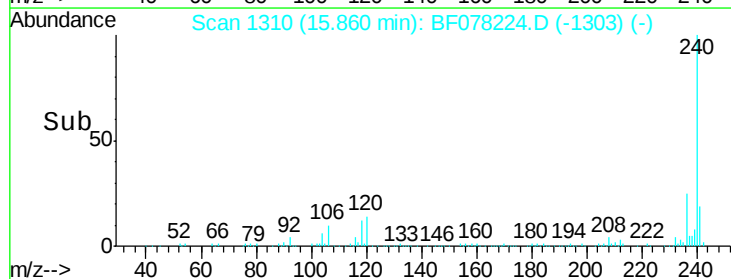
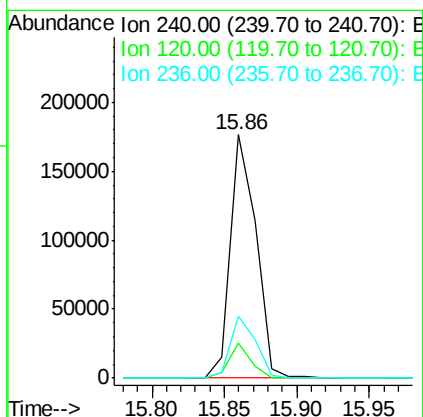
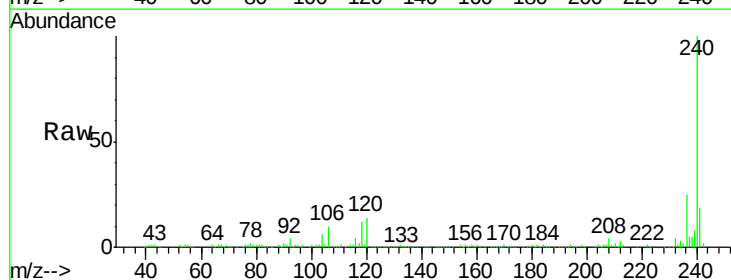
Instrument :
BNA_F
ClientSampled :
MW-05

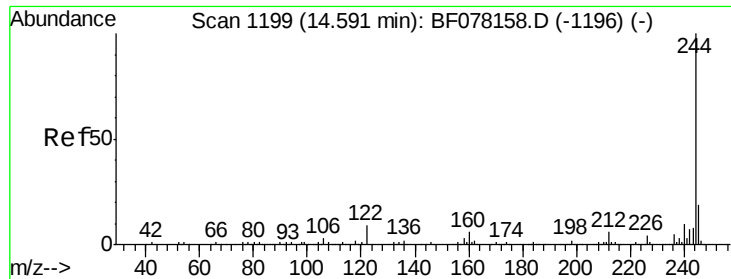
Tgt Ion:188 Resp: 201070
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.4
80 11.6 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078224.D
Acq: 3 Apr 2015 4:33

Tgt Ion:240 Resp: 216719
Ion Ratio Lower Upper
240 100
120 14.4 7.1 10.7#
236 25.4 21.4 32.2

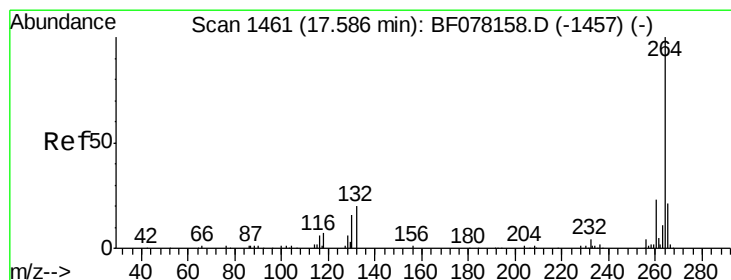
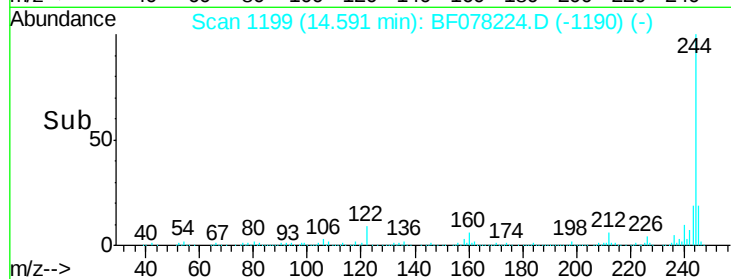
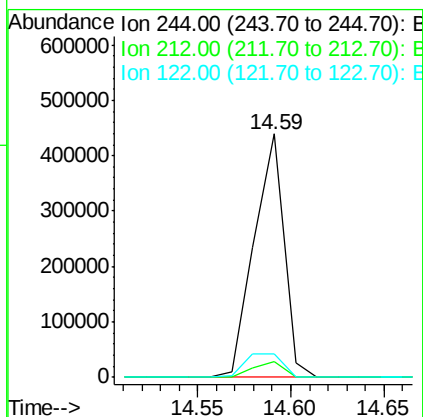
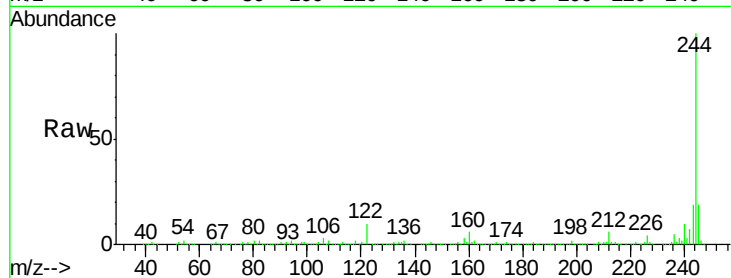




#78
 Terphenyl-d14
 Concen: 50.84 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

Instrument :
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 ClientSampleId :
 MW-05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.11 min
 Lab File: BF078224.D
 Acq: 3 Apr 2015 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	20.8	17.0	25.6

