

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078302.D
 Acq On : 7 Apr 2015 17:10
 Operator : TP/IZ
 Sample : G1779-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Quant Time: Apr 08 01:40:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	34581	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	139360	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	71016	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	144393	20.00	ng	0.00
75) Chrysene-d12	15.77	240	159344	20.00	ng	-0.01
86) Perylene-d12	17.46	264	151190	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	138383	65.98	ng	0.00
7) Phenol-d6	6.52	99	107476	40.89	ng	-0.01
23) Nitrobenzene-d5	7.63	82	234995	102.21	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	100872	171.27	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	504443	101.54	ng	0.00
78) Terphenyl-d14	14.50	244	641308	90.94	ng	0.00

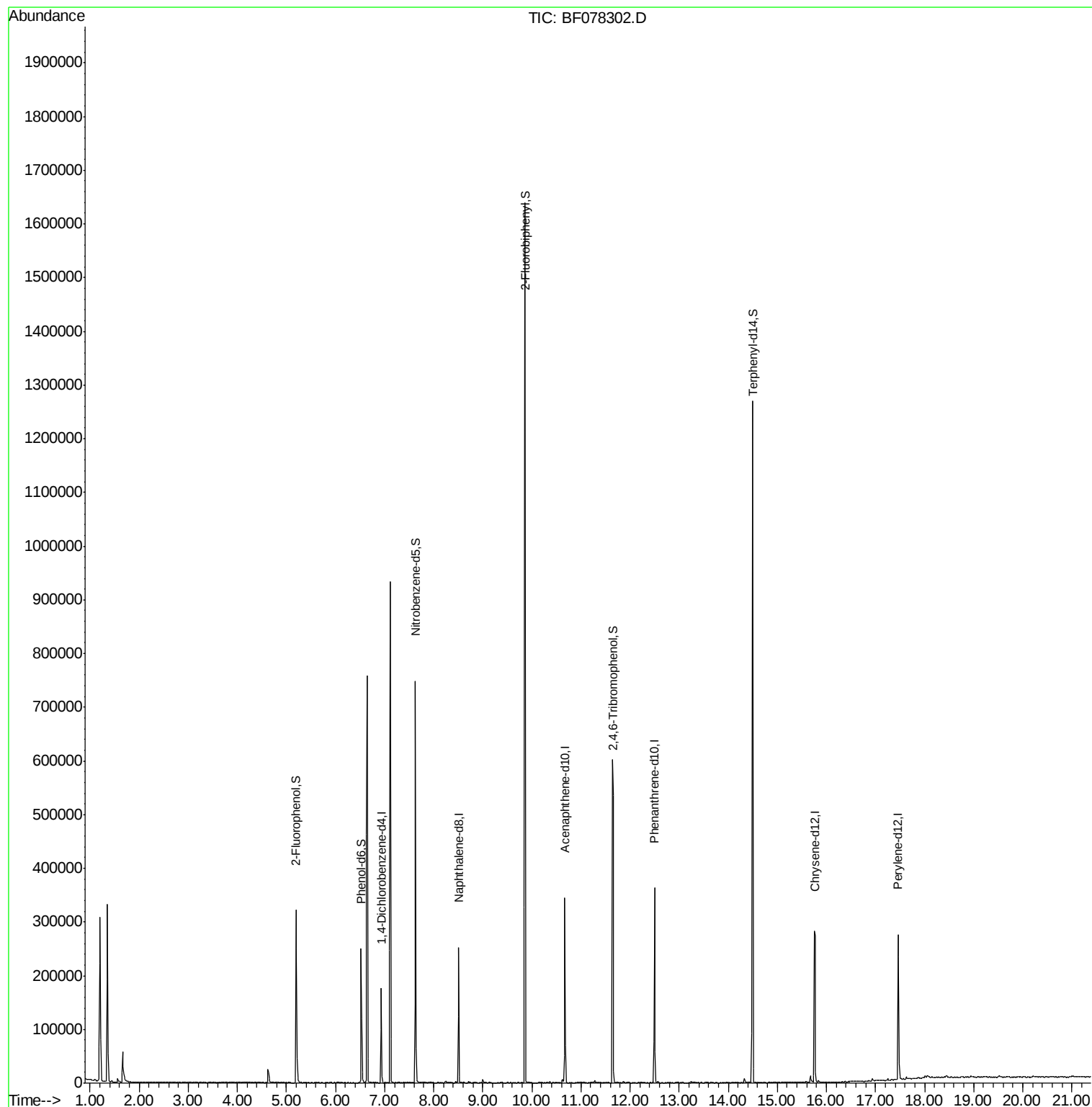
Target Compounds Qvalue

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

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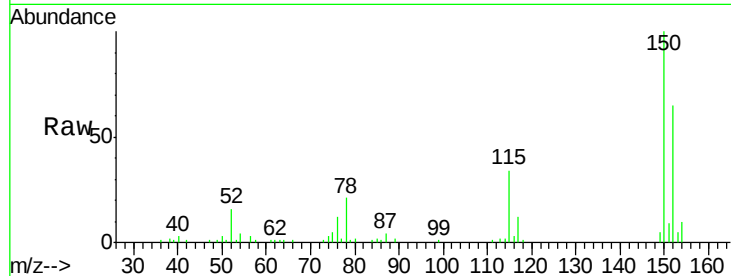


#1

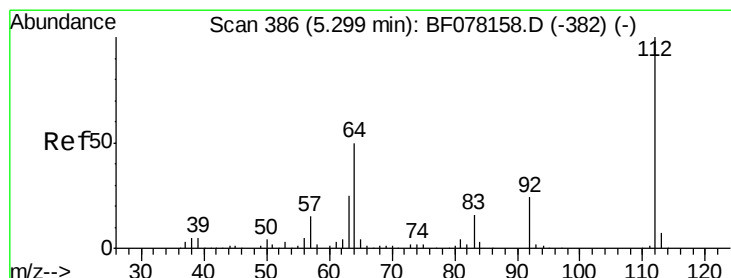
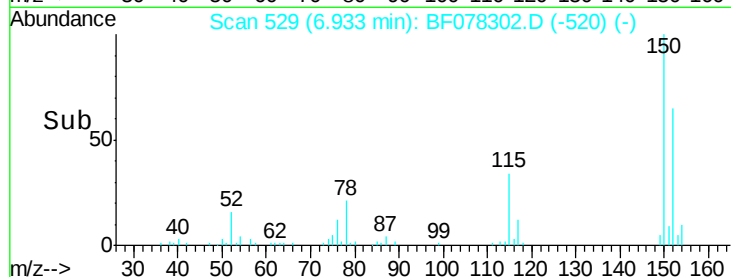
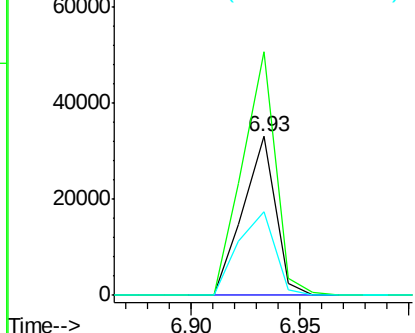
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078302.D
Acq: 7 Apr 2015 17:10

Instrument :
BNA_F
ClientSampleId :
TW-3

Tot Ion:152 Resp: 34581
Ion Ratio Lower Upper
152 100
150 153.1 125.9 188.9
115 52.4 52.7 79.1#



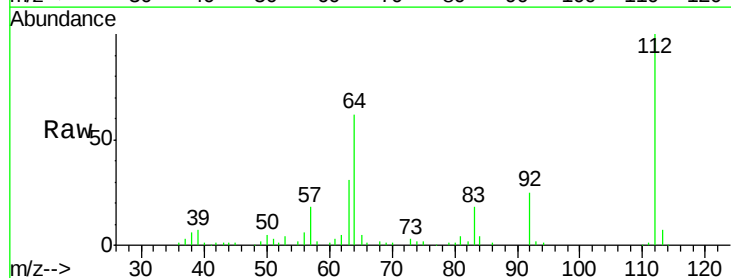
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



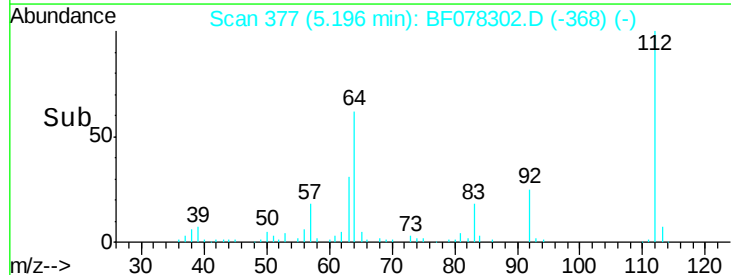
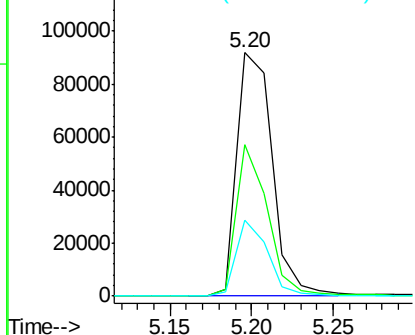
#5

2-Fluorophenol
Concen: 65.98 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF078302.D
Acq: 7 Apr 2015 17:10

Tgt Ion:112 Resp: 138383
Ion Ratio Lower Upper
112 100
64 62.4 39.9 59.9#
63 31.2 20.2 30.4#



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: 40.89 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078302.D

Acq: 7 Apr 2015 17:10

Instrument :

BNA_F

ClientSampleId :

TW-3

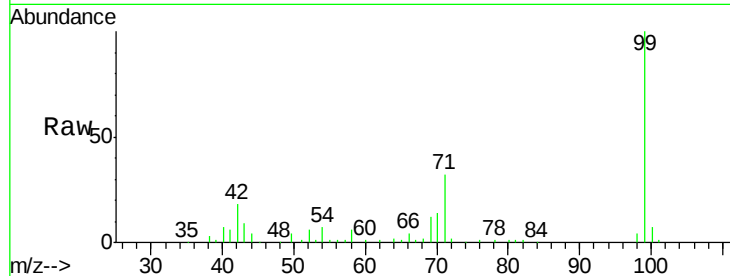
Tot Ion: 99 Resp: 107476

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

71 32.0 26.6 39.8

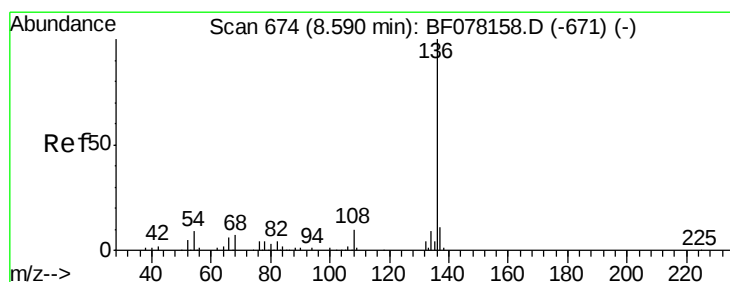
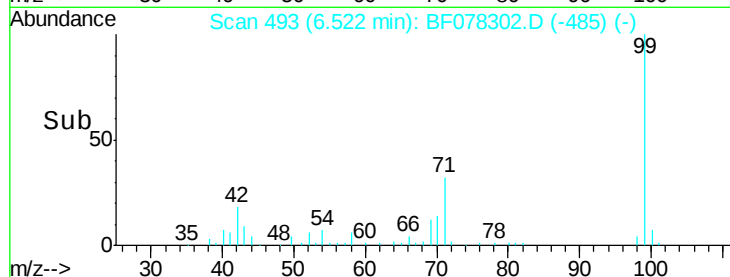


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

120000
100000
80000
60000
40000
20000
0

6.52

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078302.D

Acq: 7 Apr 2015 17:10

Tgt Ion: 136 Resp: 139360

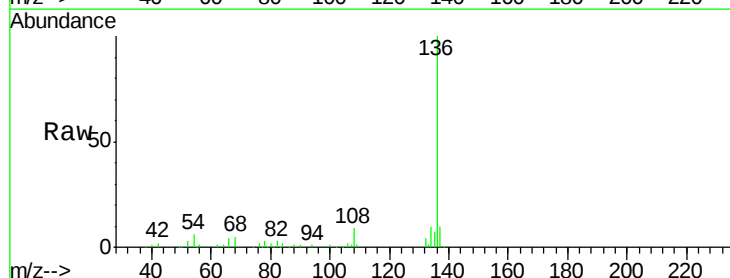
Ion Ratio Lower Upper

136 100

137 10.0 9.0 13.4

54 5.9 7.0 10.6#

68 4.6 5.4 8.2#

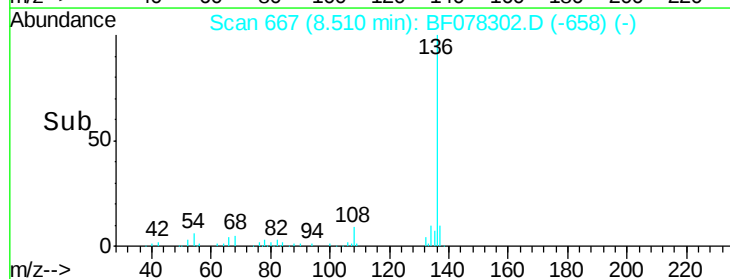


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

200000
150000
100000
50000
0

8.51

Time-->

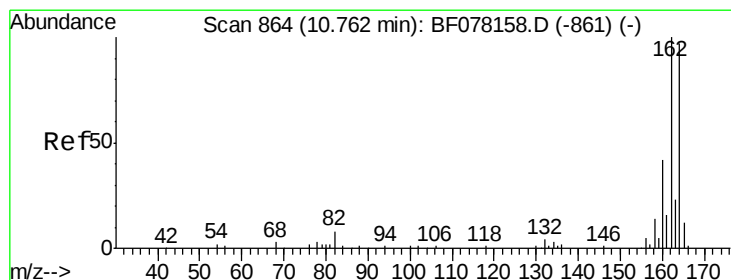
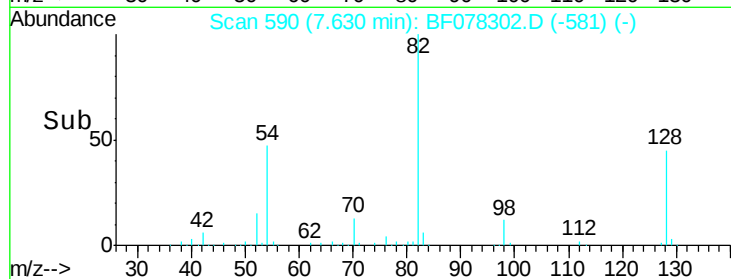
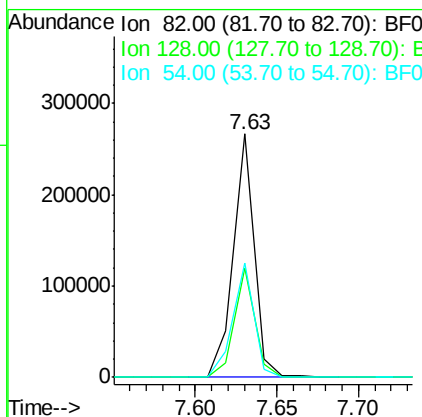
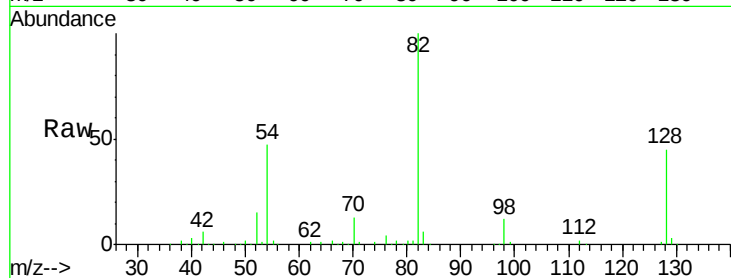




#23
 Nitrobenzene-d5
 Concen: 102.21 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

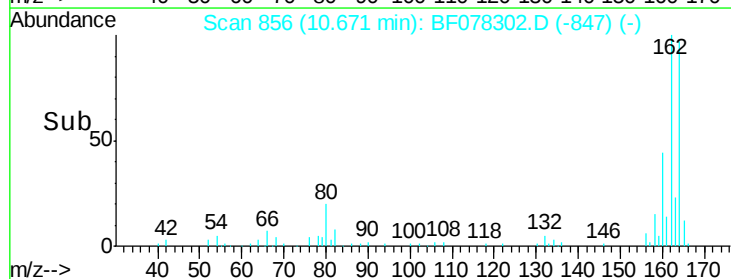
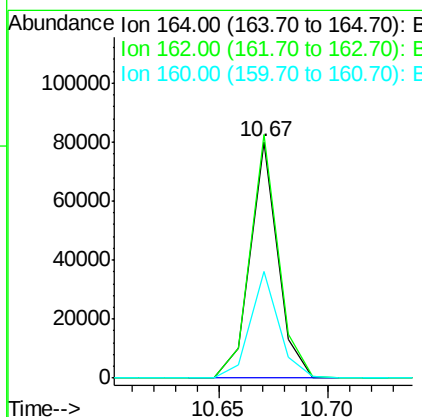
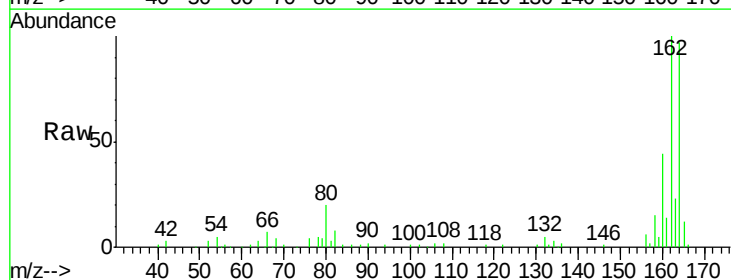
Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tot Ion	82	Resp	234995
Ion Ratio	Lower	Upper	
82	100		
128	44.6	31.8	47.8
54	47.0	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Tgt Ion	164	Resp	71016
Ion Ratio	Lower	Upper	
164	100		
162	103.0	82.2	123.2
160	44.9	34.7	52.1

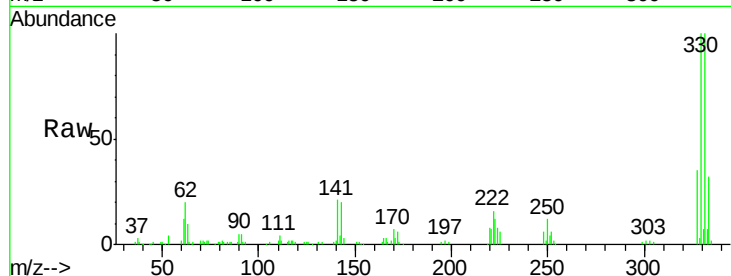




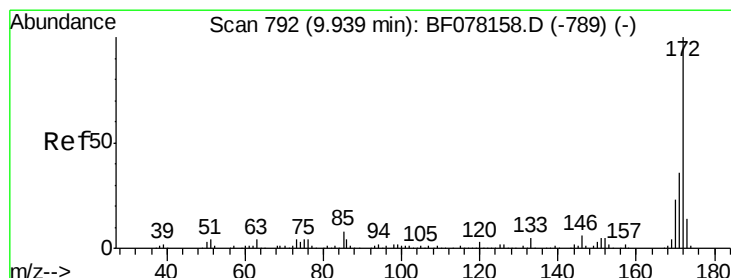
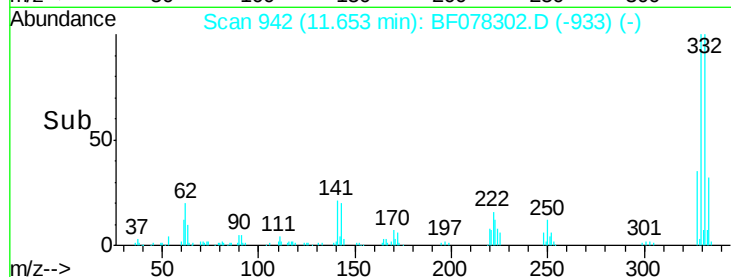
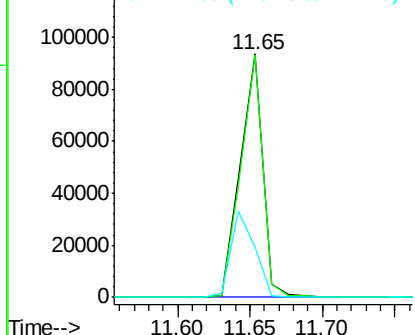
#41
 2,4,6-Tribromophenol
 Concen: 171.27 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tot Ion:330 Resp: 100872
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 37.7 31.2 46.8

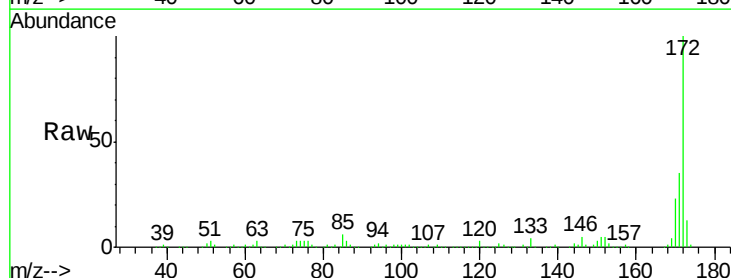


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

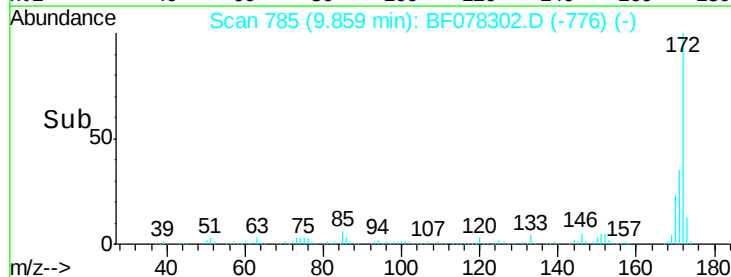
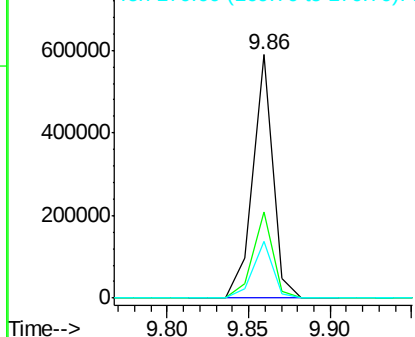


#44
 2-Fluorobiphenyl
 Concen: 101.54 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Tgt Ion:172 Resp: 504443
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.2 18.5 27.7



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

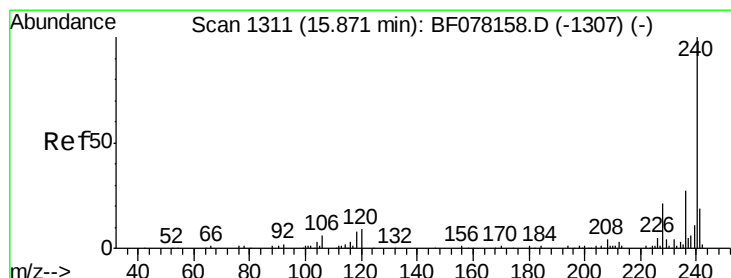
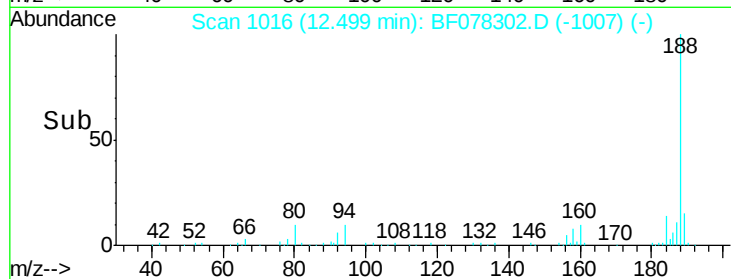
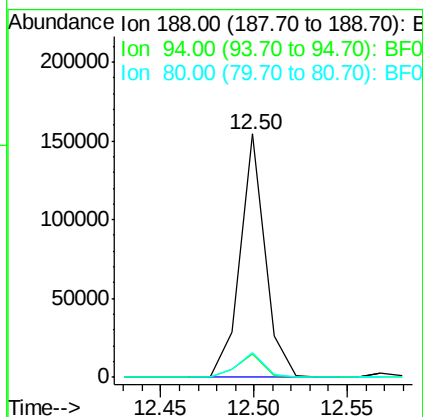
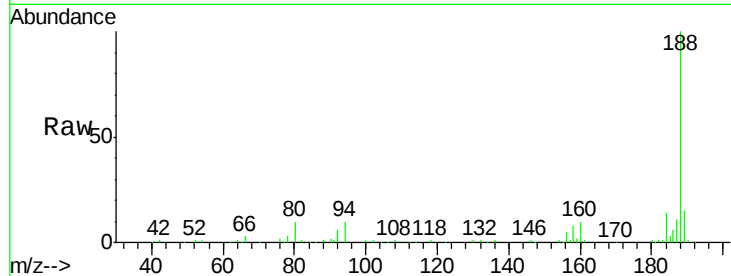




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

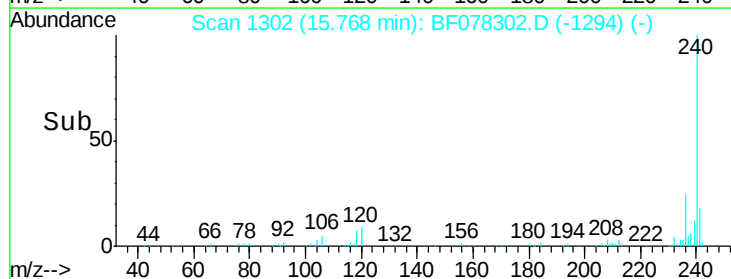
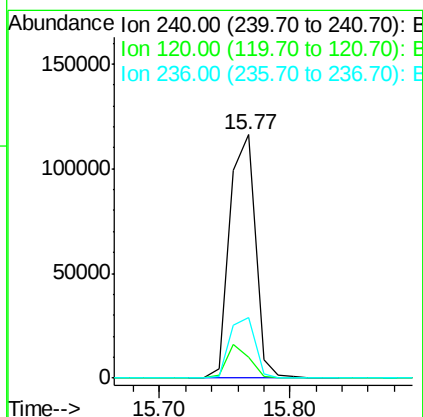
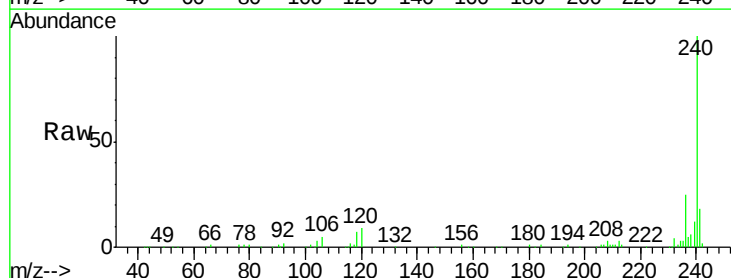
Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tot Ion:188 Resp: 144393
 Ion Ratio Lower Upper
 188 100
 94 9.5 9.0 13.4
 80 10.0 9.5 14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Tgt Ion:240 Resp: 159344
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.1 10.7
 236 24.9 21.4 32.2

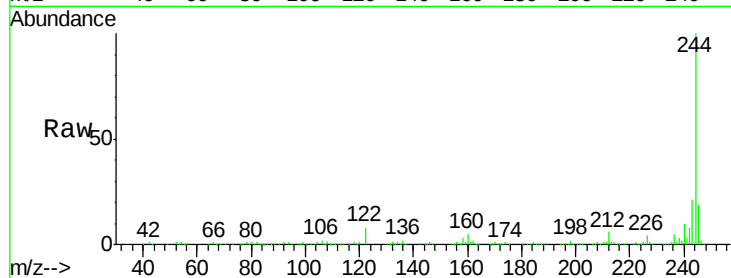




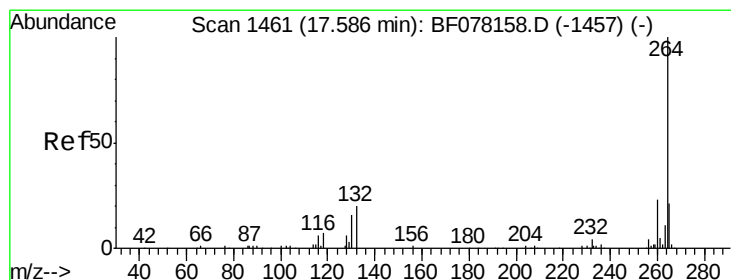
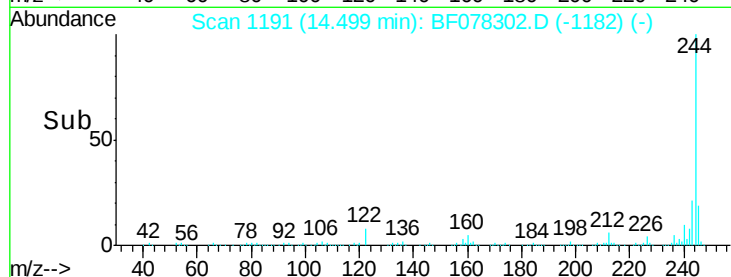
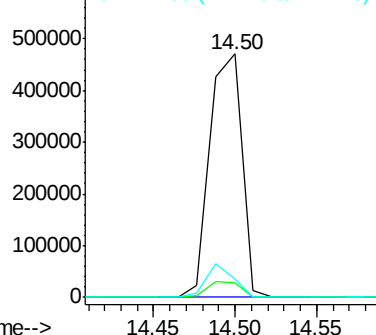
#78
 Terphenyl-d14
 Concen: 90.94 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 TW-3

Tot Ion:244 Resp: 641308
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 7.6 7.1 10.7

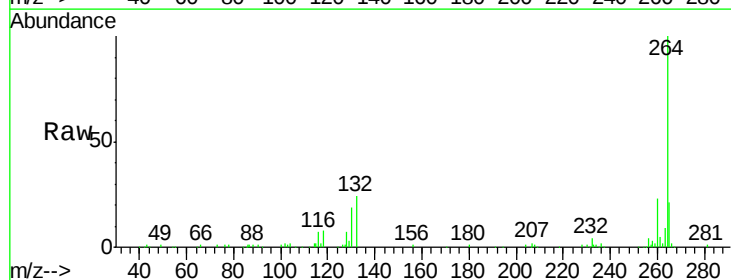


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.46 min Scan# 1450
 Delta R.T. -0.10 min
 Lab File: BF078302.D
 Acq: 7 Apr 2015 17:10

Tgt Ion:264 Resp: 151190
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 20.5 17.0 25.6



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

