

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078304.D
 Acq On : 7 Apr 2015 18:07
 Operator : TP/IZ
 Sample : G1779-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Quant Time: Apr 08 01:45:18 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	35236	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	140333	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	73081	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	141832	20.00	ng	0.00
75) Chrysene-d12	15.77	240	149932	20.00	ng	-0.01
86) Perylene-d12	17.55	264	141230	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	135937	63.61	ng	0.00
7) Phenol-d6	6.52	99	107051	39.97	ng	-0.01
23) Nitrobenzene-d5	7.63	82	225777	97.52	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	96341	158.95	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	486919	95.24	ng	0.00
78) Terphenyl-d14	14.50	244	595712	89.78	ng	0.00

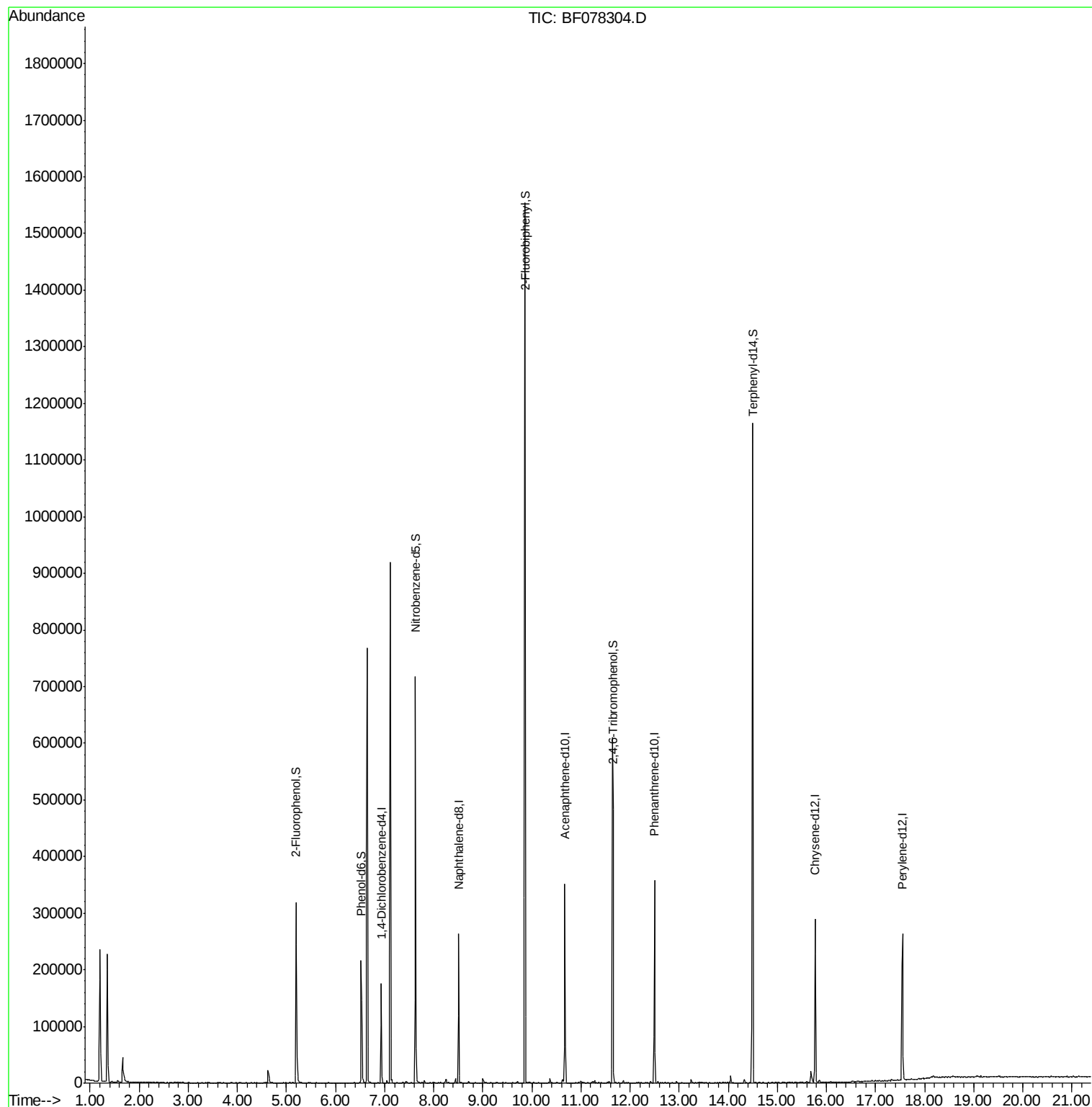
Target Compounds Qvalue

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

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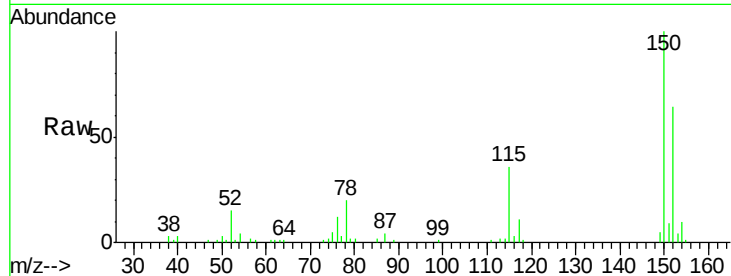


#1

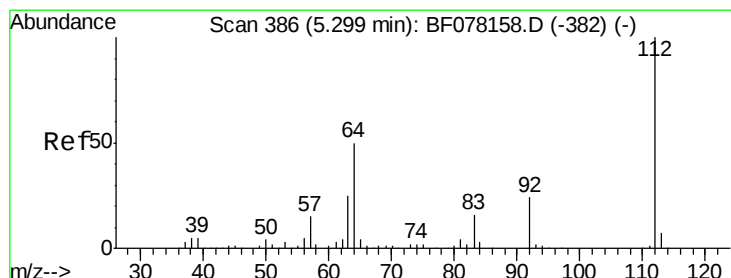
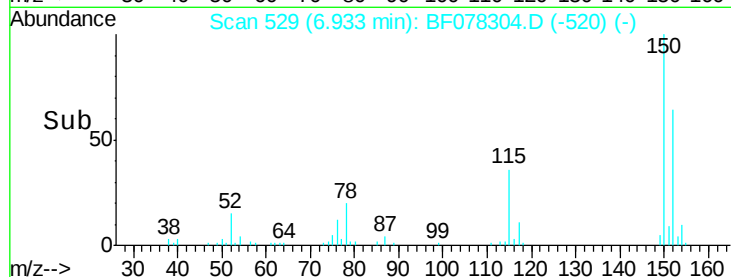
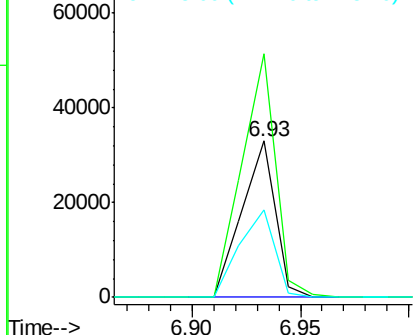
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF078304.D
Acq: 7 Apr 2015 18:07

Instrument :
BNA_F
ClientSampleId :
TW-4

Tot Ion:152 Resp: 35236
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 55.6 52.7 79.1



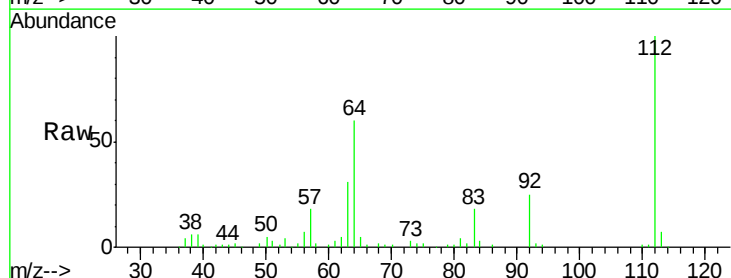
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



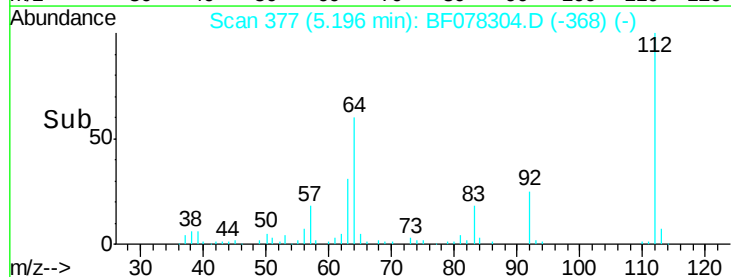
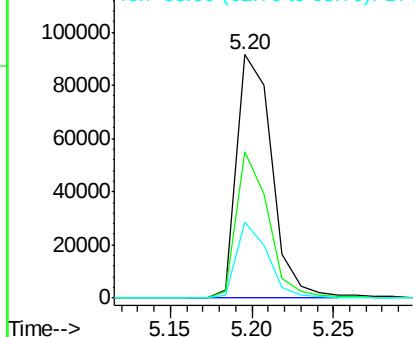
#5

2-Fluorophenol
Concen: 63.61 ng
RT: 5.20 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF078304.D
Acq: 7 Apr 2015 18:07

Tgt Ion:112 Resp: 135937
Ion Ratio Lower Upper
112 100
64 60.2 39.9 59.9#
63 31.1 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: 39.97 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078304.D

Acq: 7 Apr 2015 18:07

Instrument :

BNA_F

ClientSampled :

TW-4

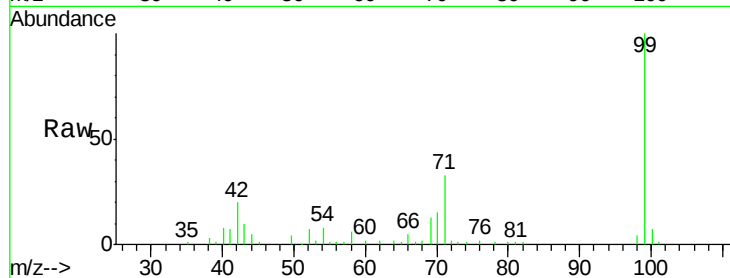
Tot Ion: 99 Resp: 107051

Ion Ratio Lower Upper

99 100

42 19.8 14.8 22.2

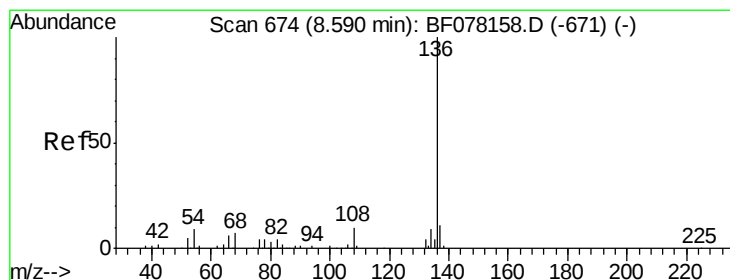
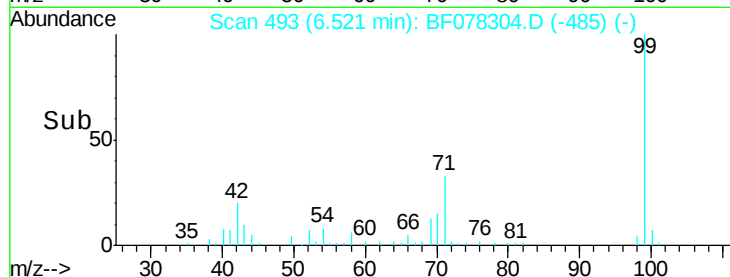
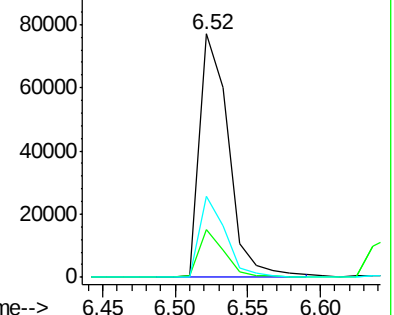
71 33.4 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078304.D

Acq: 7 Apr 2015 18:07

Tgt Ion: 136 Resp: 140333

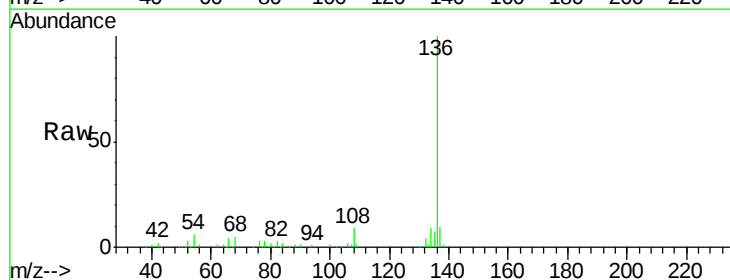
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.3 7.0 10.6#

68 5.0 5.4 8.2#

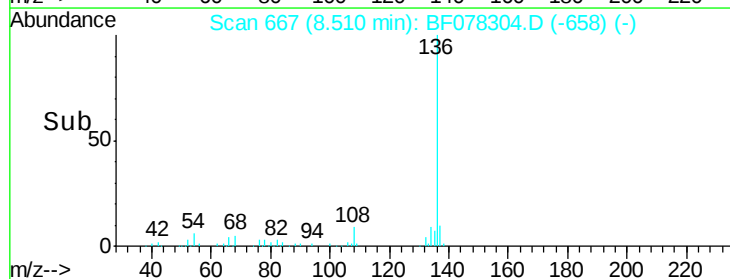
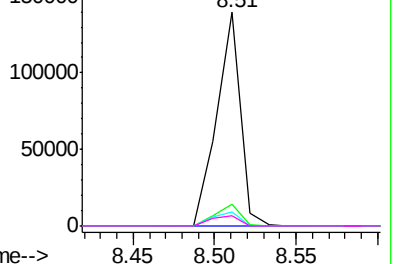


Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

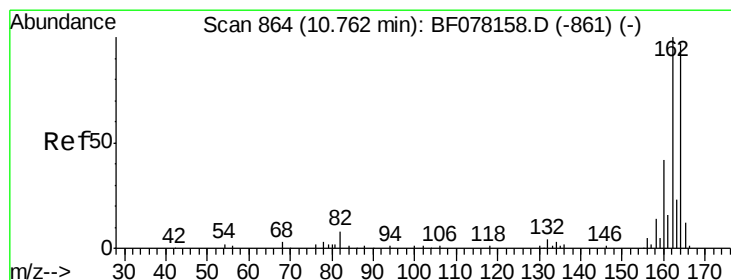
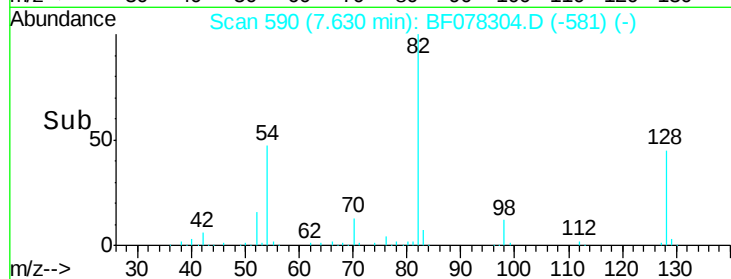
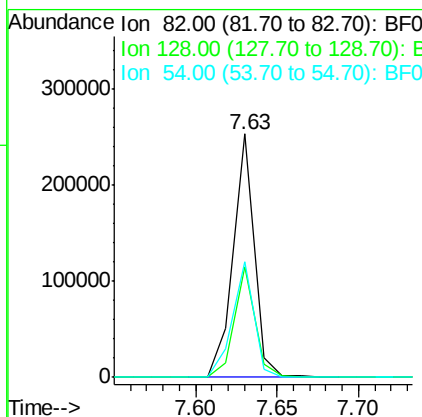
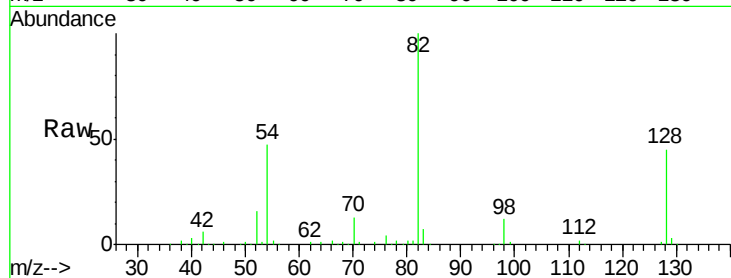




#23
 Nitrobenzene-d5
 Concen: 97.52 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078304.D
 Acq: 7 Apr 2015 18:07

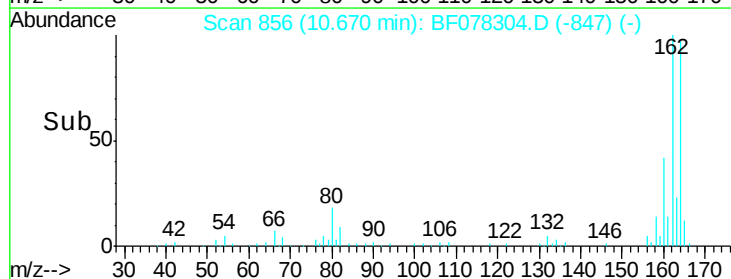
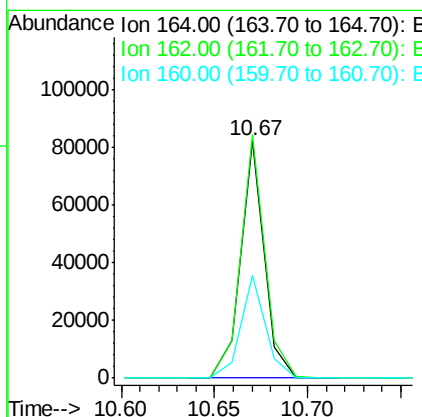
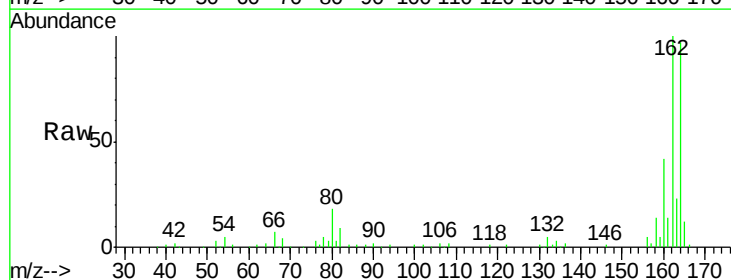
Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Tot Ion	82	Resp	225777
Ion Ratio	Lower	Upper	
82	100		
128	45.5	31.8	47.8
54	47.4	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: BF078304.D
 Acq: 7 Apr 2015 18:07

Tgt Ion	164	Resp	73081
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.2	123.2
160	43.6	34.7	52.1

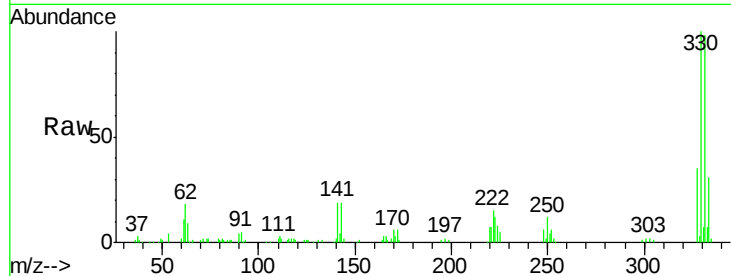




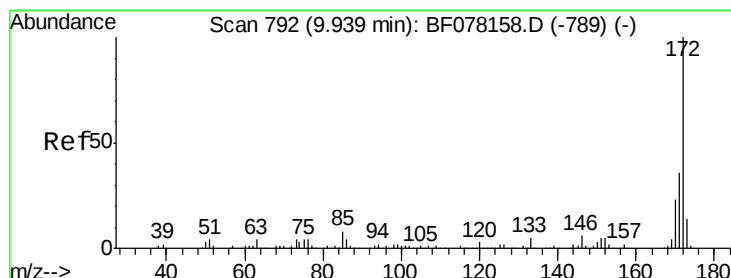
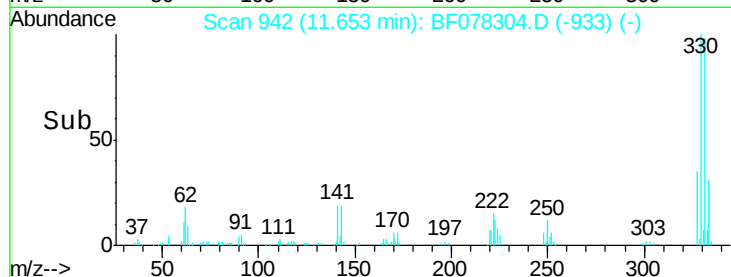
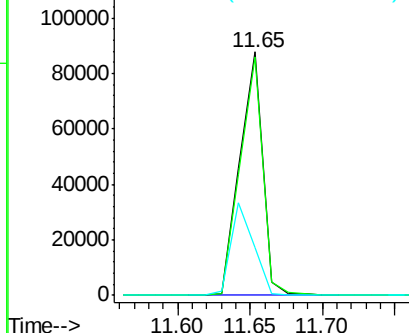
#41
 2,4,6-Tribromophenol
 Concen: 158.95 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078304.D
 Acq: 7 Apr 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	37.9	31.2	46.8

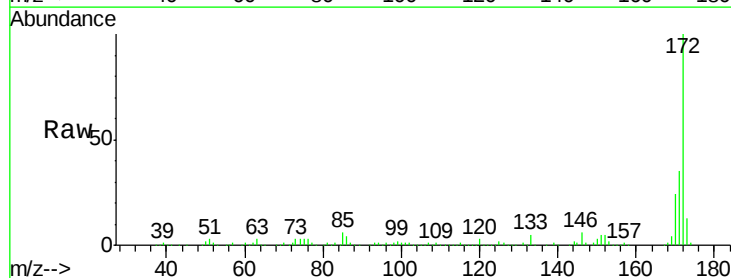


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

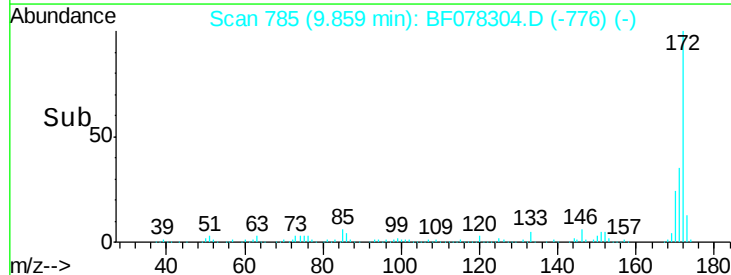
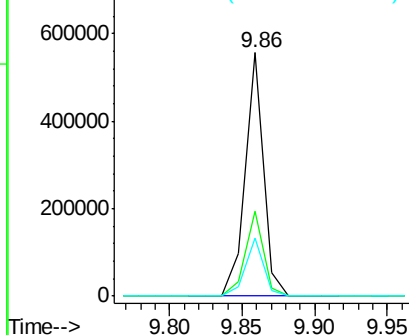


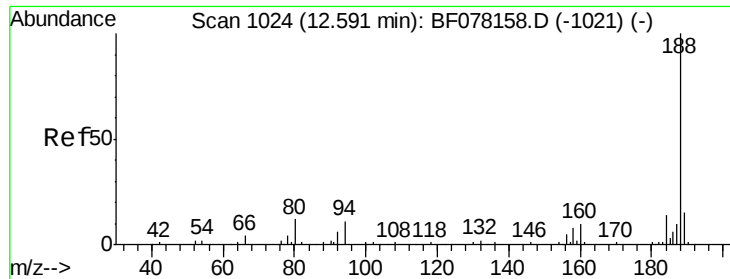
#44
 2-Fluorobiphenyl
 Concen: 95.24 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078304.D
 Acq: 7 Apr 2015 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.8	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

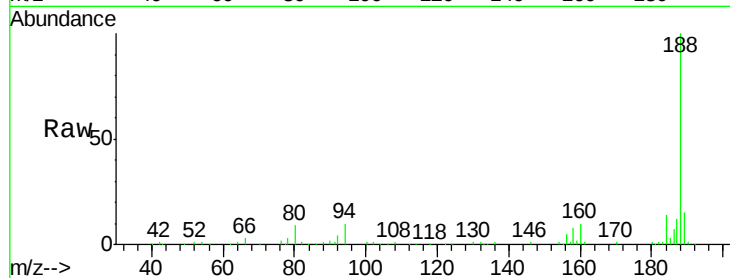




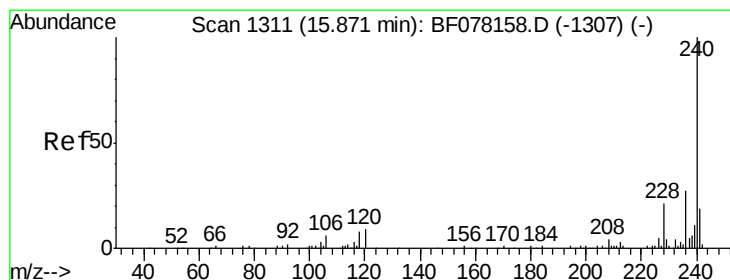
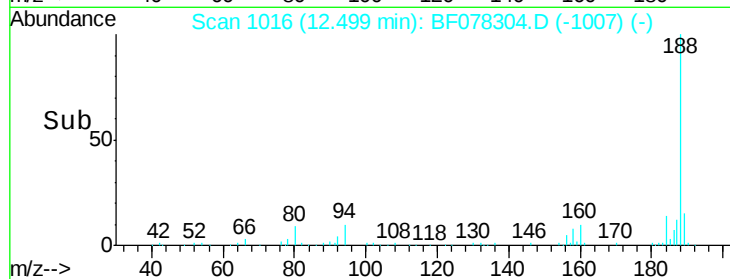
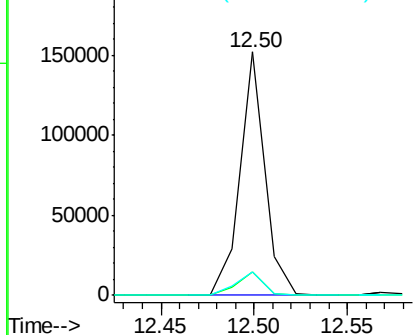
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078304.D
Acq: 7 Apr 2015 18:07

Instrument :
BNA_F
ClientSampleId :
TW-4

Tot Ion:188 Resp: 141832
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.4 9.5 14.3#

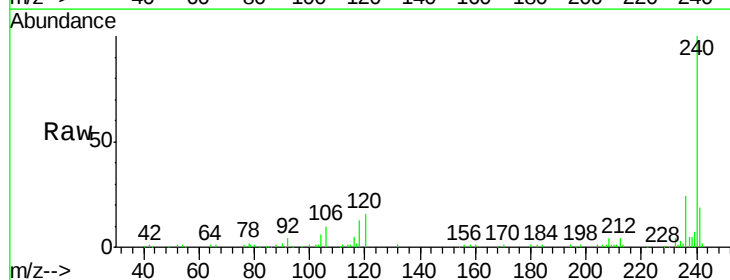


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

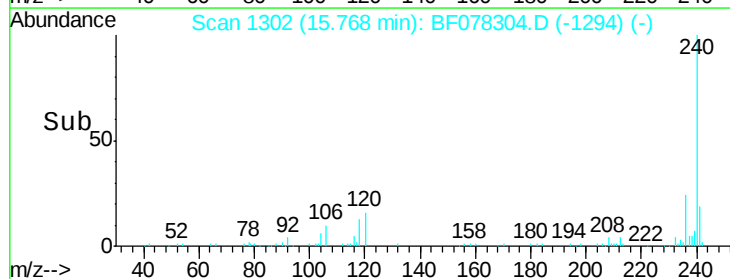
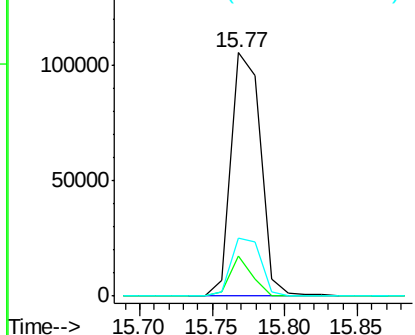


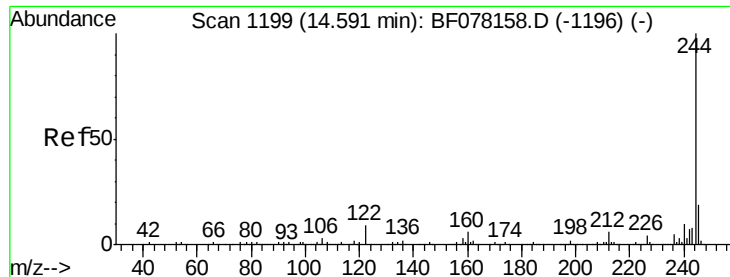
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078304.D
Acq: 7 Apr 2015 18:07

Tgt Ion:240 Resp: 149932
Ion Ratio Lower Upper
240 100
120 16.3 7.1 10.7#
236 24.1 21.4 32.2



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

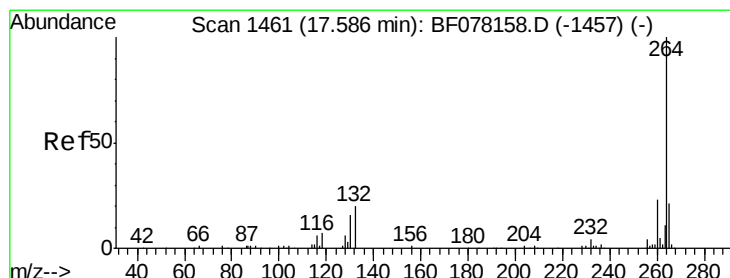
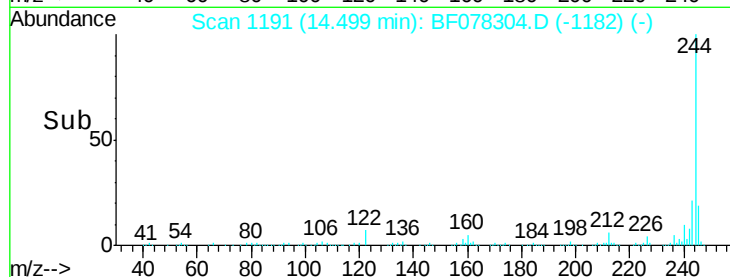
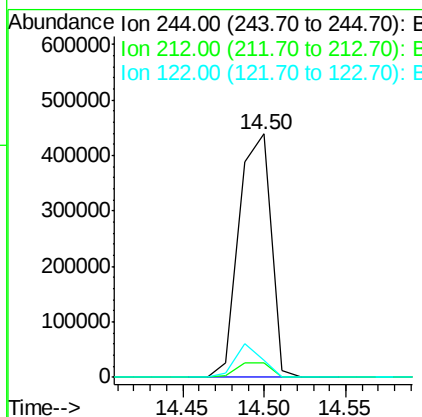
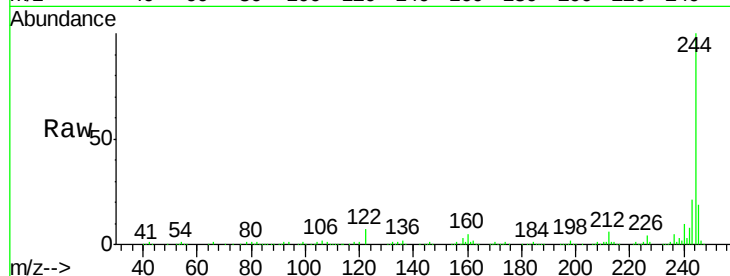




#78
 Terphenyl-d14
 Concen: 89.78 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078304.D
 Acq: 7 Apr 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 TW-4

Tot Ion:244 Resp: 595712
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 7.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF078304.D
 Acq: 7 Apr 2015 18:07

Tgt Ion:264 Resp: 141230
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.8 17.0 25.6

