

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041615\
 Data File : BF078600.D
 Acq On : 17 Apr 2015 10:36
 Operator : TP/IZ
 Sample : G1890-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-01(SB-01-3-12-13)

Quant Time: Apr 17 13:43:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 13:18:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	26397	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	106507	20.00	ng	0.00
38) Acenaphthene-d10	10.42	164	56926	20.00	ng	0.00
63) Phenanthrene-d10	12.24	188	113328	20.00	ng	0.00
75) Chrysene-d12	15.50	240	133612	20.00	ng	0.00
86) Perylene-d12	17.22	264	135082	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	190195	118.80	ng	0.00
7) Phenol-d6	6.30	99	234919	117.08	ng	0.00
23) Nitrobenzene-d5	7.39	82	147596	84.00	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	65010	137.70	ng	0.00
44) 2-Fluorobiphenyl	9.62	172	356312	89.47	ng	0.00
78) Terphenyl-d14	14.23	244	445174	75.29	ng	0.00

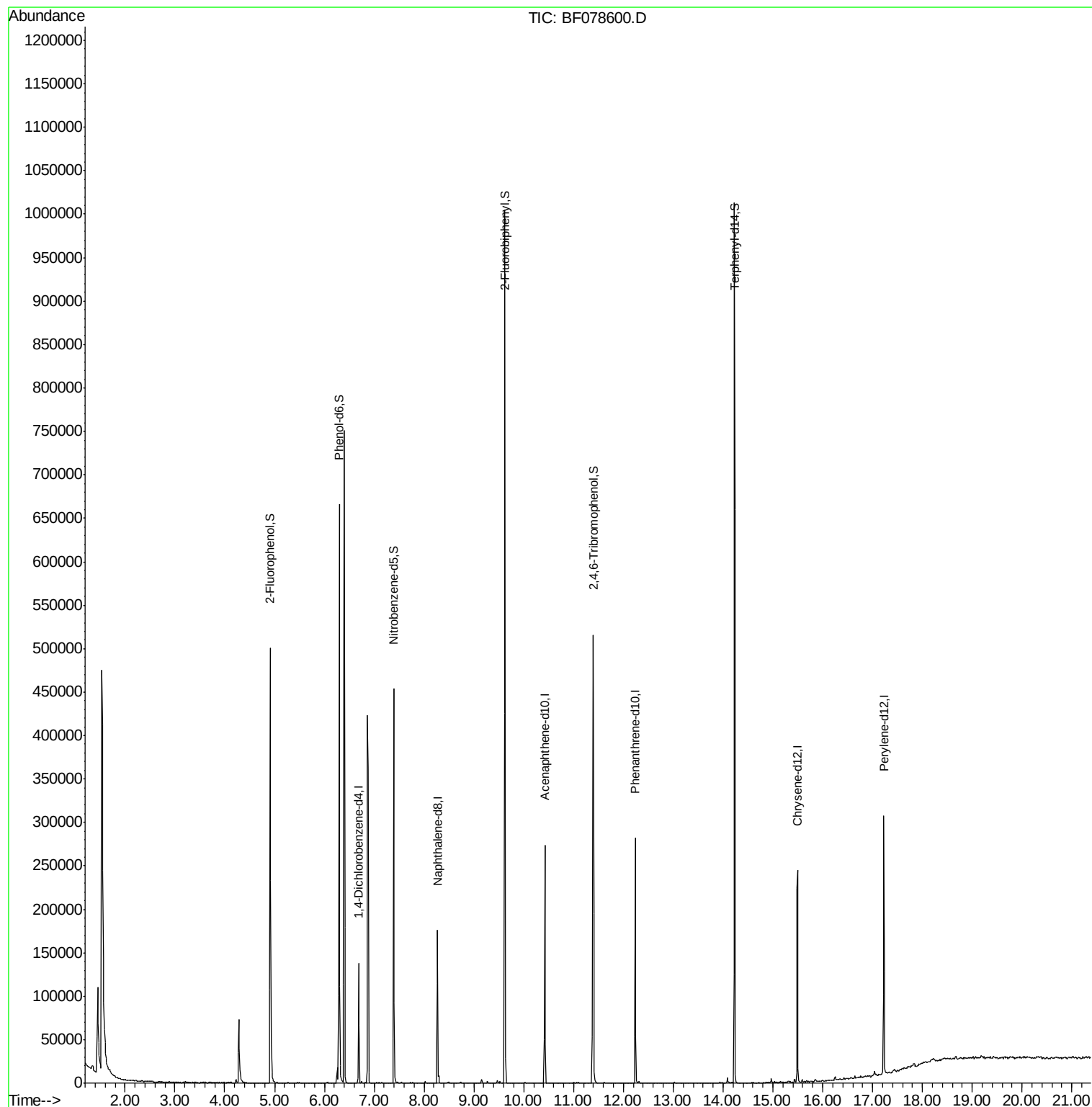
Target Compounds	Qvalue
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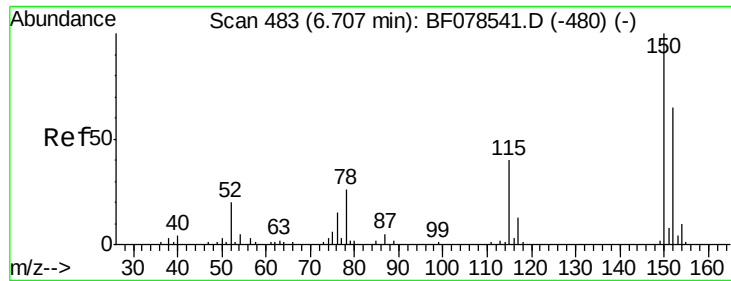
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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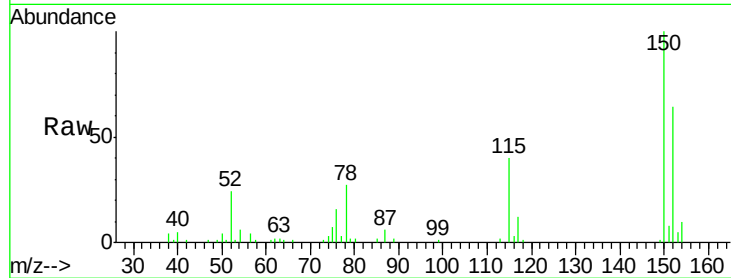


#1

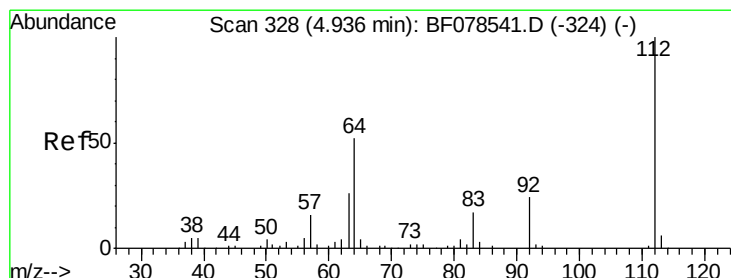
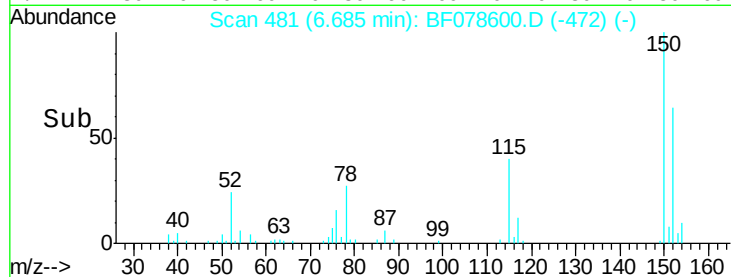
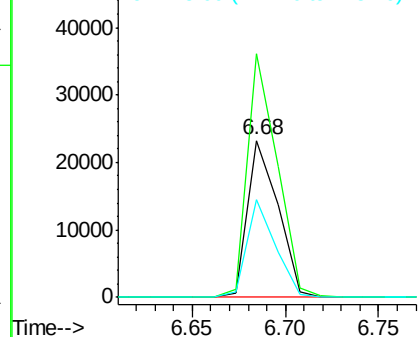
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF078600.D
Acq: 17 Apr 2015 10:36

Instrument :
BNA_F
ClientSampleId :
WC-01(SB-01-3-12-13)

Tgt Ion:152 Resp: 26397
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 62.4 52.7 79.1



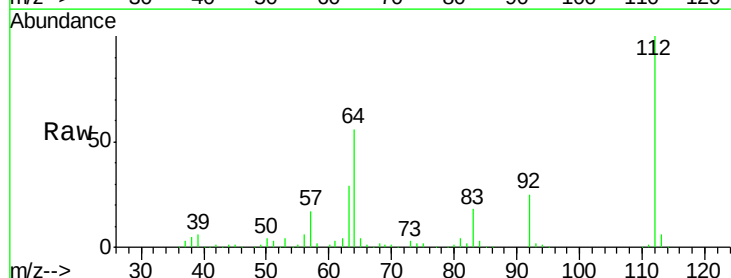
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



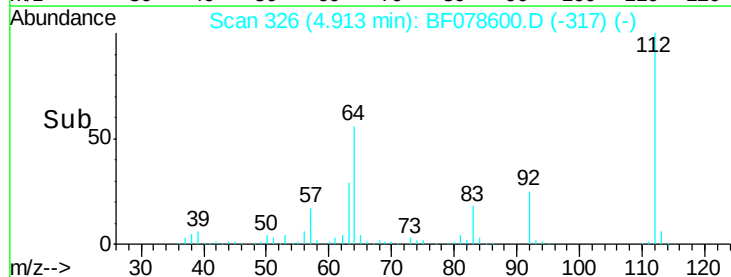
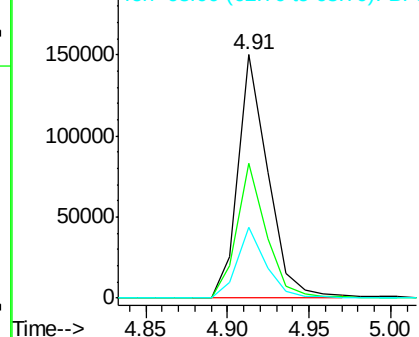
#5

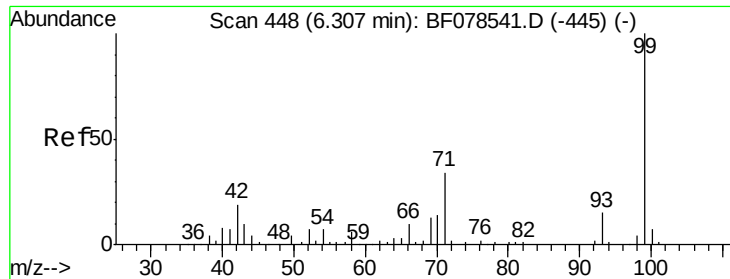
2-Fluorophenol
Concen: 118.80 ng
RT: 4.91 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF078600.D
Acq: 17 Apr 2015 10:36

Tgt Ion:112 Resp: 190195
Ion Ratio Lower Upper
112 100
64 55.6 39.9 59.9
63 28.9 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: 117.08 ng

RT: 6.30 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF078600.D

Acq: 17 Apr 2015 10:36

Instrument :

BNA_F

ClientSampleId :

WC-01(SB-01-3-12-13)

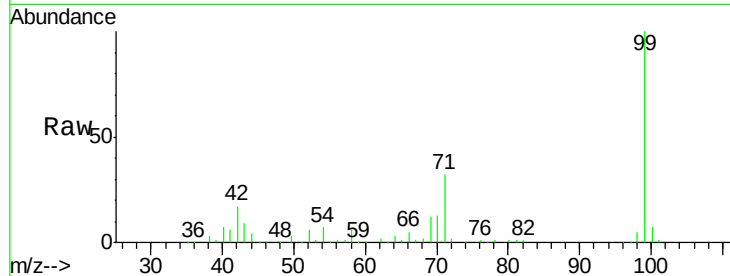
Tgt Ion: 99 Resp: 234919

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

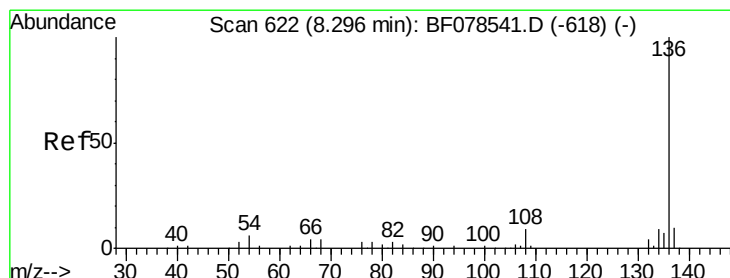
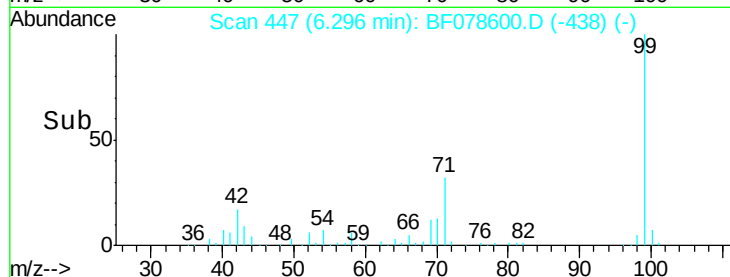
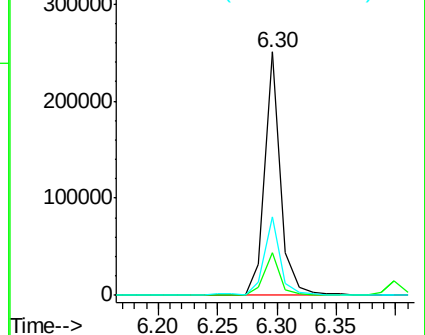
71 32.4 26.6 39.8



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: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF078600.D

Acq: 17 Apr 2015 10:36

Tgt Ion: 136 Resp: 106507

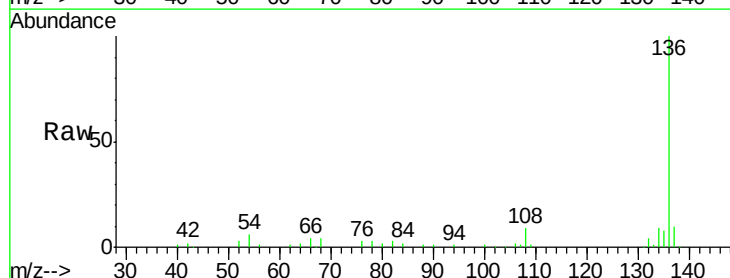
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.8 7.0 10.6#

68 4.4 5.4 8.2#

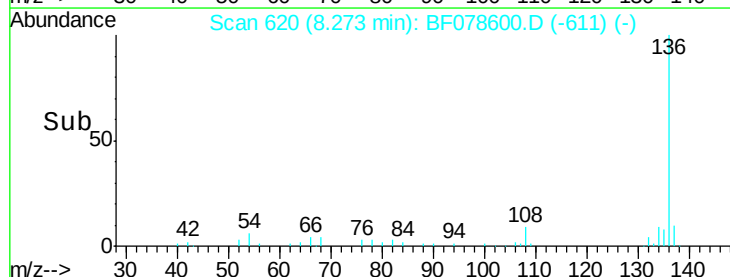
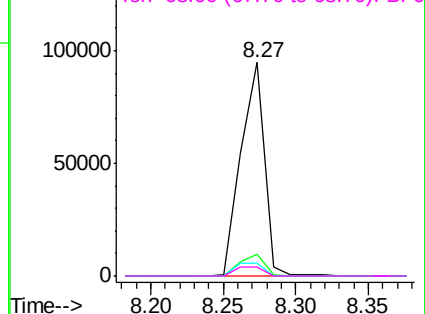


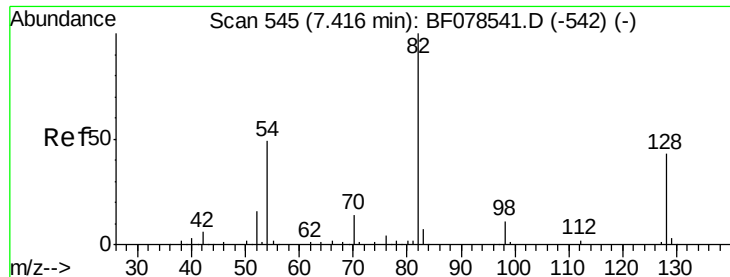
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.00 ng

RT: 7.39 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF078600.D

Acq: 17 Apr 2015 10:36

Instrument :

BNA_F

ClientSampleId :

WC-01(SB-01-3-12-13)

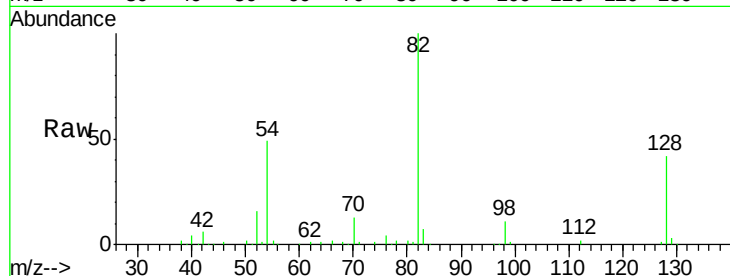
Tgt Ion: 82 Resp: 147596

Ion Ratio Lower Upper

82 100

128 42.3 31.8 47.8

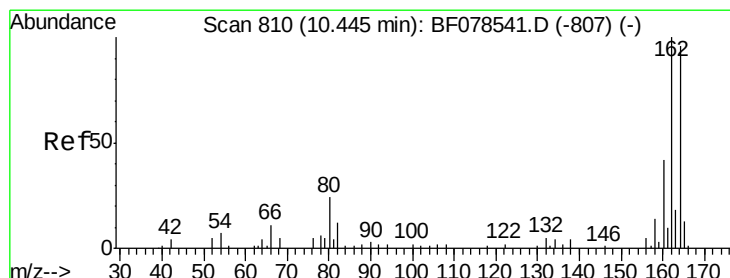
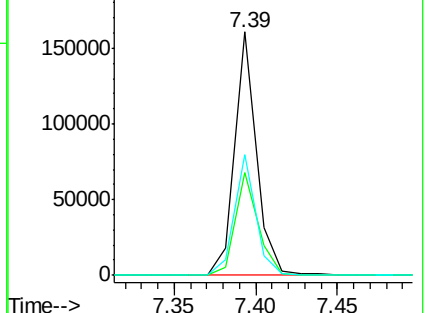
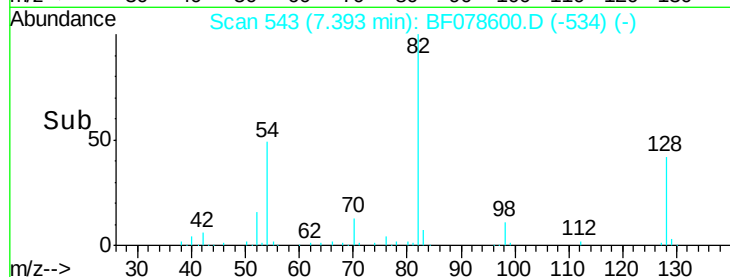
54 49.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF078600.D

Acq: 17 Apr 2015 10:36

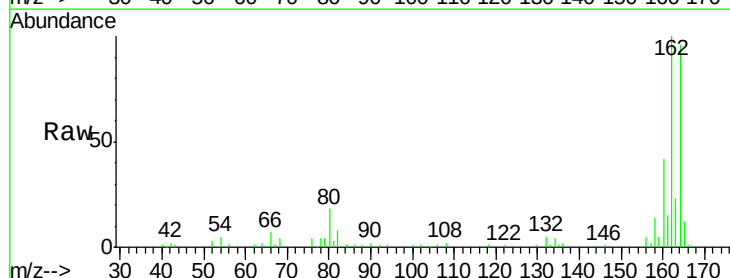
Tgt Ion: 164 Resp: 56926

Ion Ratio Lower Upper

164 100

162 104.0 82.2 123.2

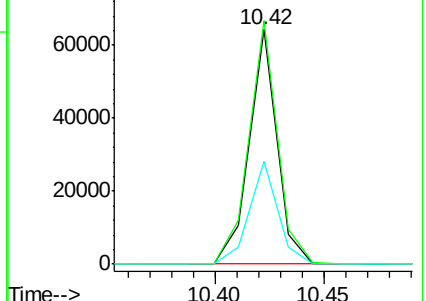
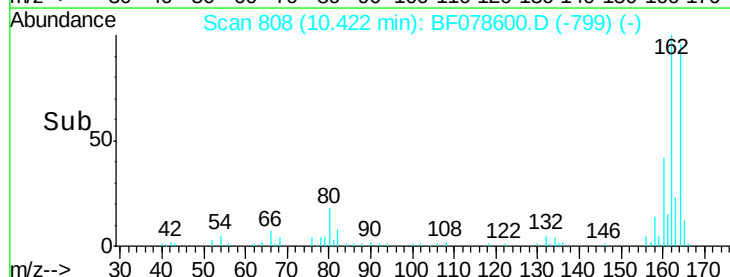
160 44.2 34.7 52.1

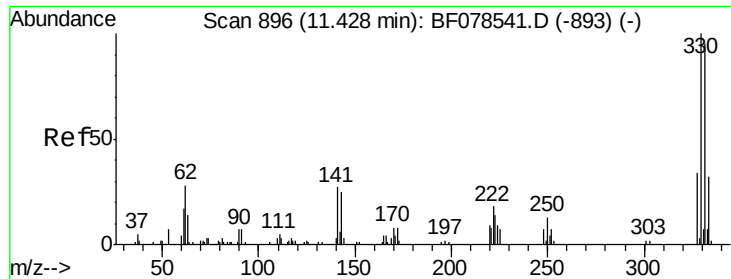


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

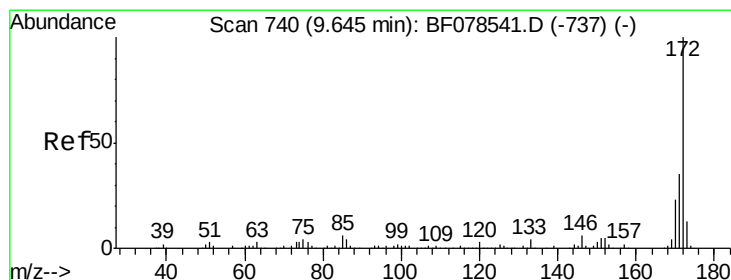
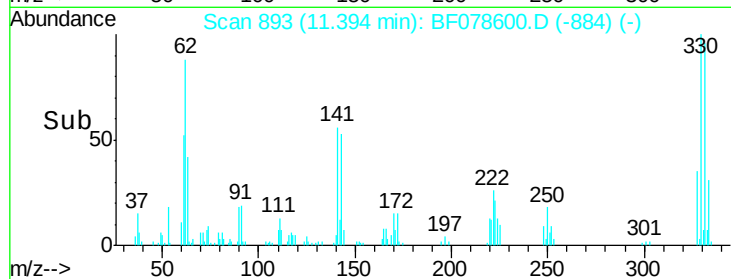
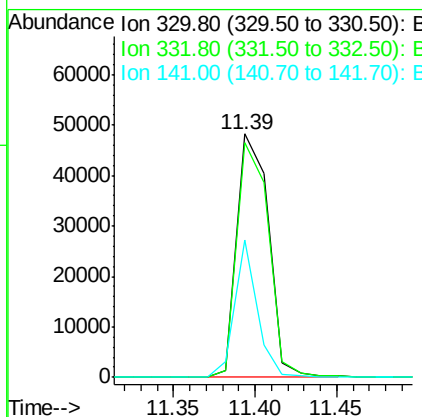
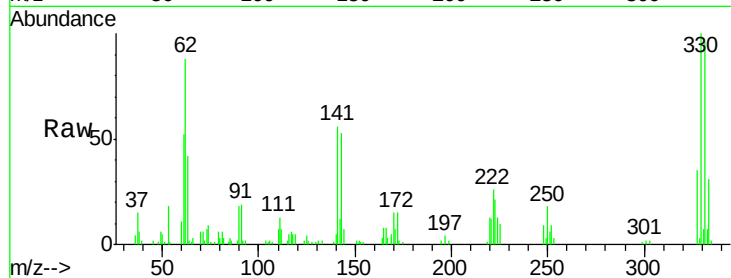




#41
 2,4,6-Tribromophenol
 Concen: 137.70 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

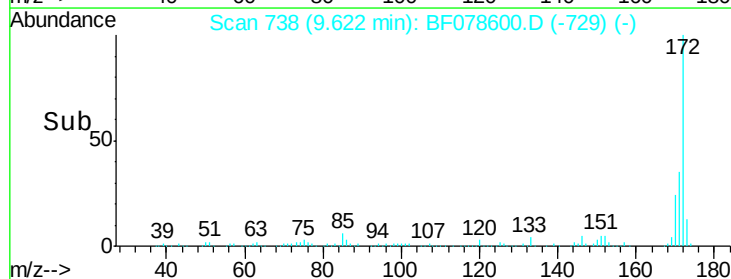
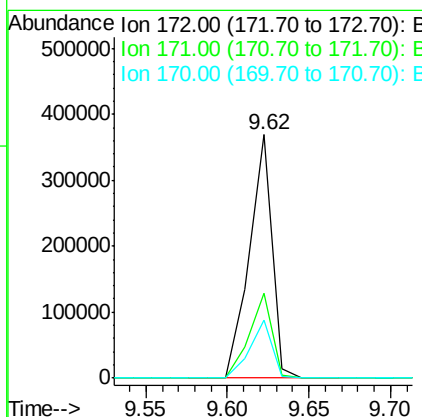
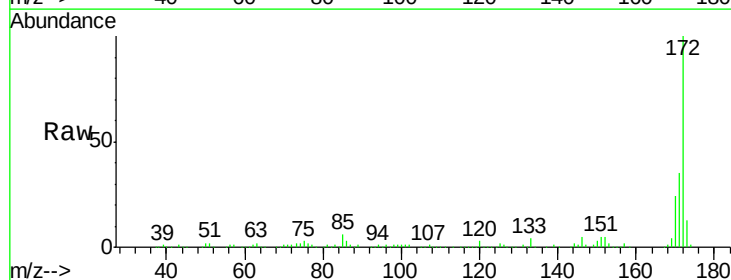
Instrument :
 BNA_F
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 WC-01(SB-01-3-12-13)

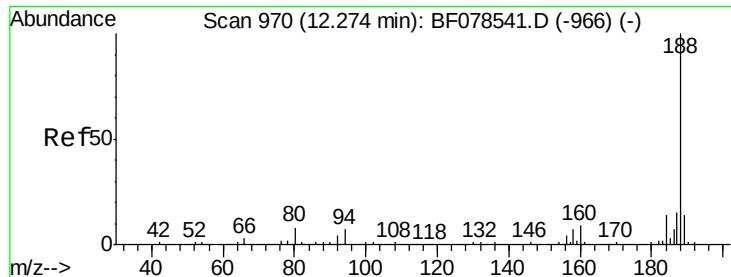
Tgt Ion:330 Resp: 65010
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.6 117.8
 141 39.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 89.47 ng
 RT: 9.62 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

Tgt Ion:172 Resp: 356312
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.8 18.5 27.7

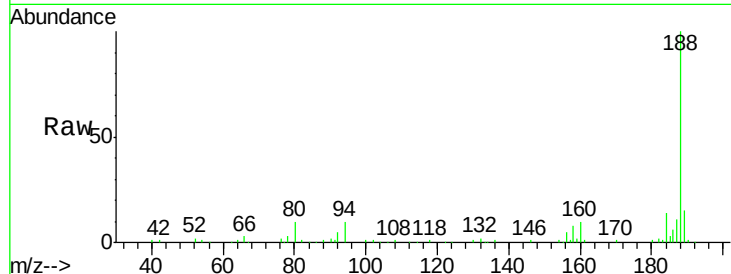




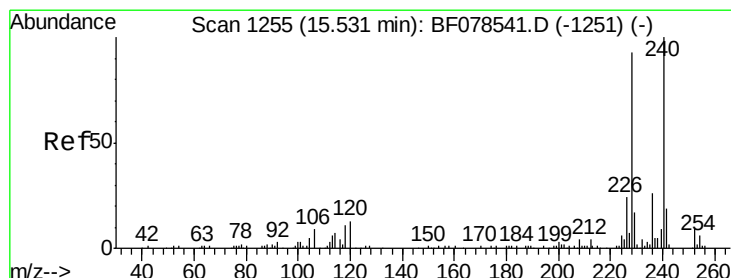
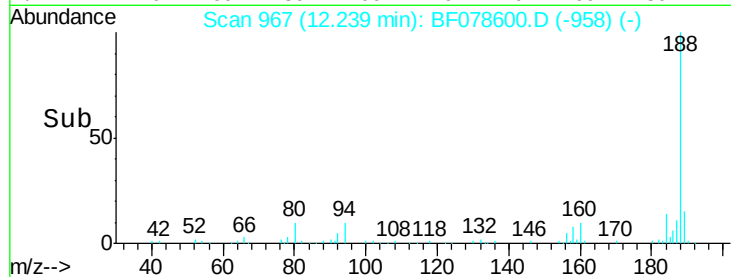
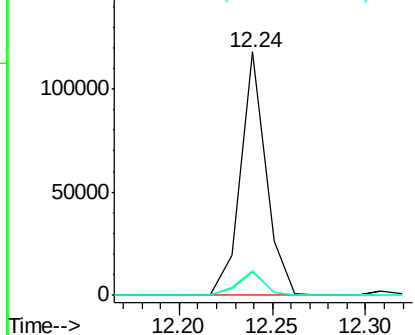
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 WC-01(SB-01-3-12-13)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	113328		
94	9.7		9.0	13.4
80	10.2		9.5	14.3

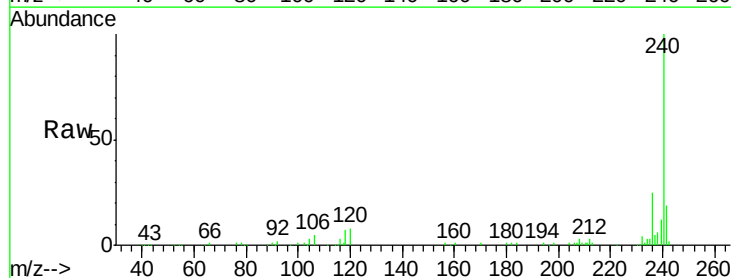


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

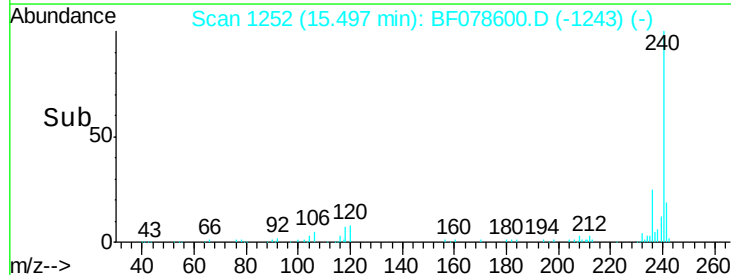
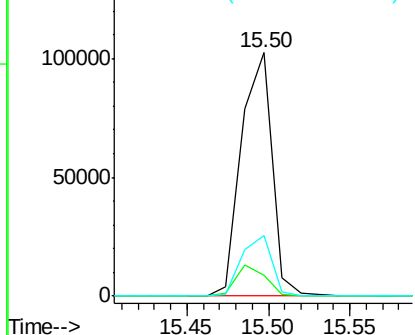


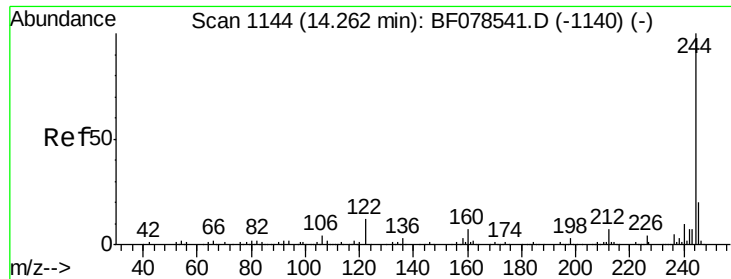
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	133612		
120	8.5		7.1	10.7
236	24.8		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

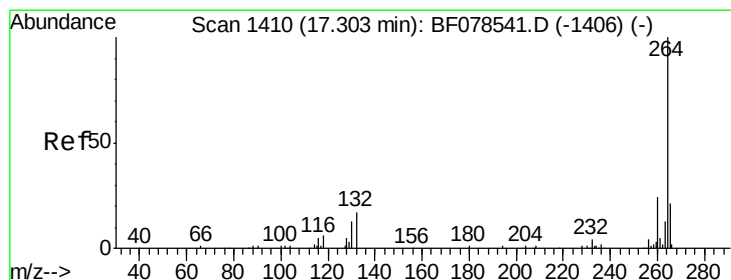
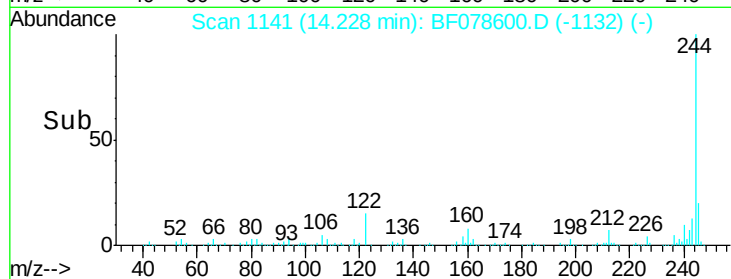
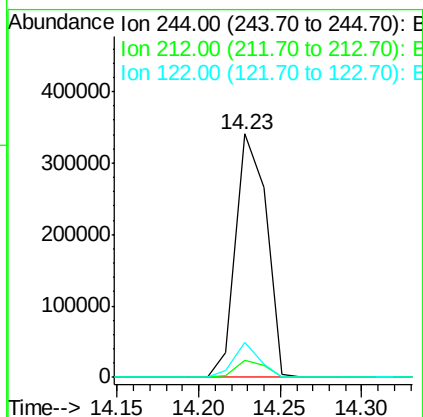
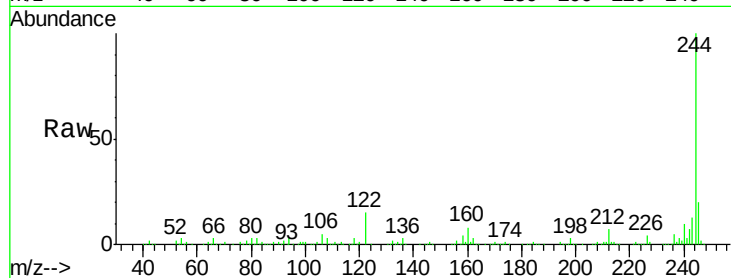




#78
 Terphenyl-d14
 Concen: 75.29 ng
 RT: 14.23 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

Instrument :
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Tgt Ion:244 Resp: 445174
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.22 min Scan# 1403
 Delta R.T. 0.09 min
 Lab File: BF078600.D
 Acq: 17 Apr 2015 10:36

Tgt Ion:264 Resp: 135082
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.7 17.0 25.6

