

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078267.D
Acq On : 6 Apr 2015 20:07
Operator : TP/IZ
Sample : G1755-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-13

Quant Time: Apr 07 01:27:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 02:08:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	40463	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	169624	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	83246	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	162866	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	176371	20.00	ng	-0.02
86) Perylene-d12	17.57	264	166398	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	146582	59.73	ng	0.00
7) Phenol-d6	6.58	99	111423	36.23	ng	0.00
23) Nitrobenzene-d5	7.68	82	231980	82.90	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	101735	147.35	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	528762	90.79	ng	0.00
78) Terphenyl-d14	14.55	244	619377	79.35	ng	0.00

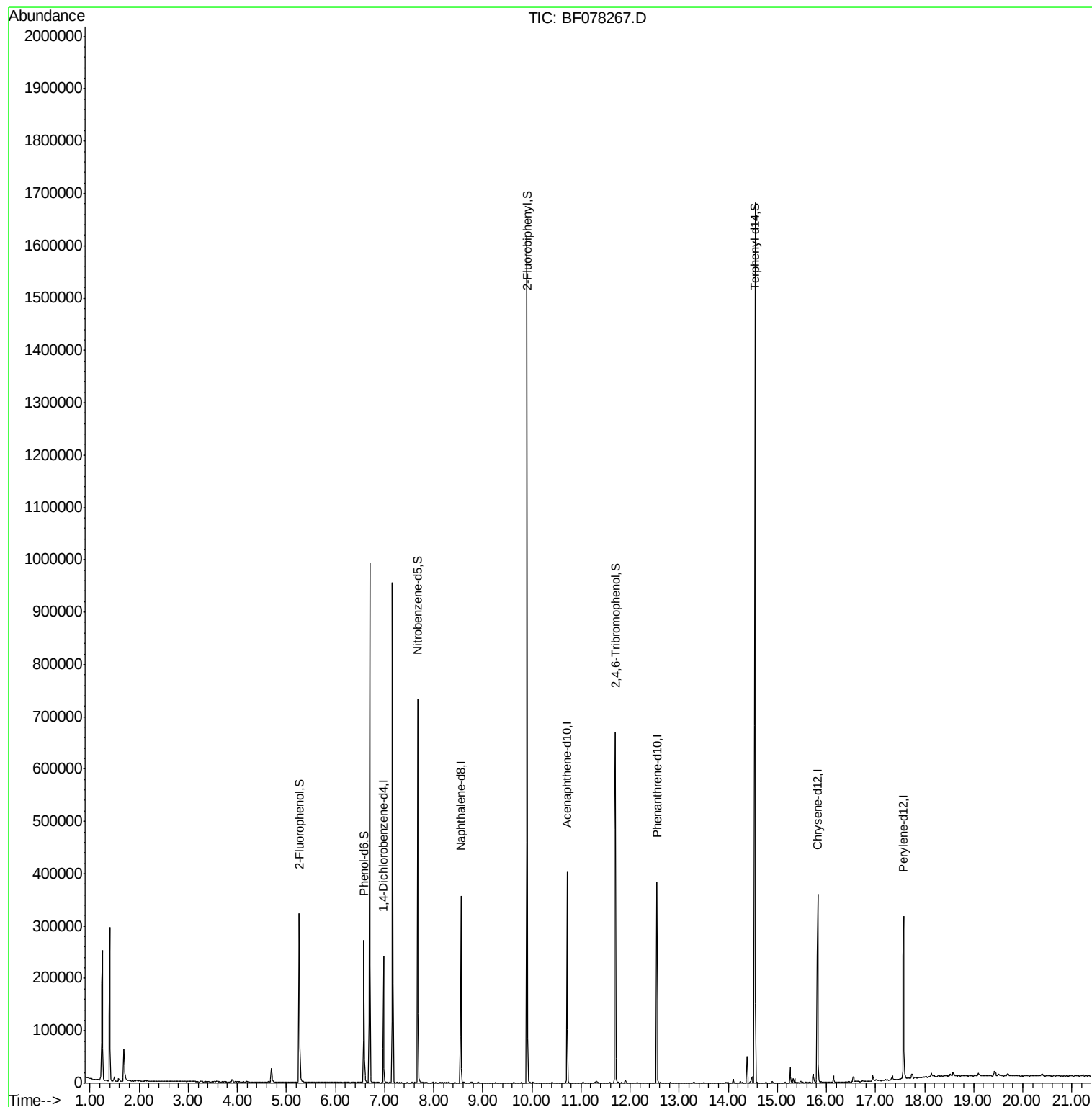
Target Compounds	Qvalue
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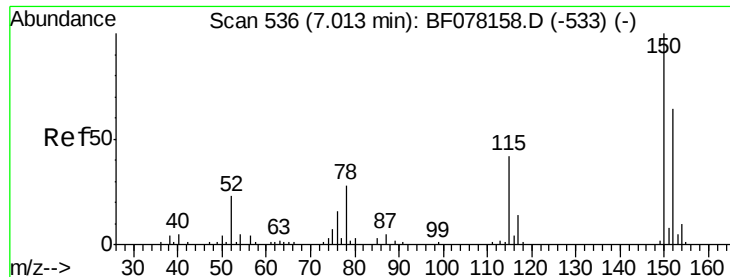
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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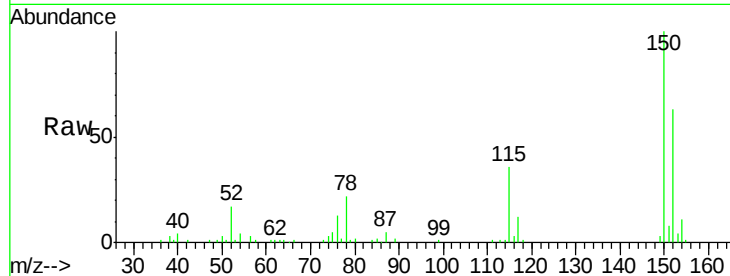


#1

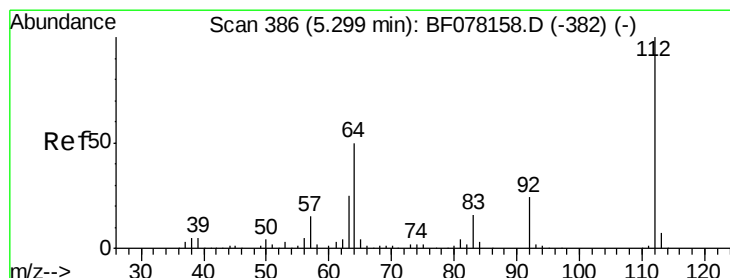
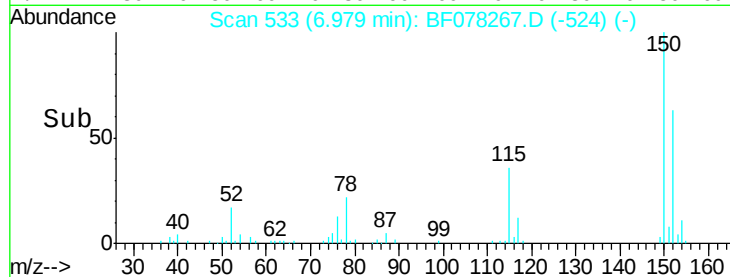
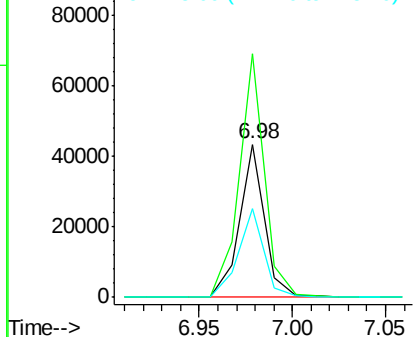
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078267.D
Acq: 6 Apr 2015 20:07

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 40463
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 57.7 52.7 79.1



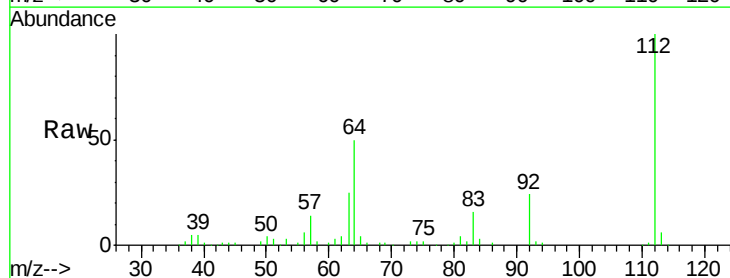
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



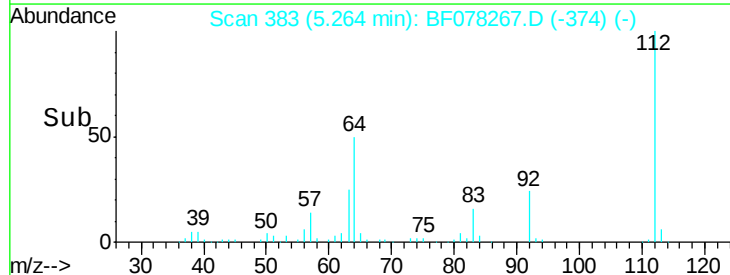
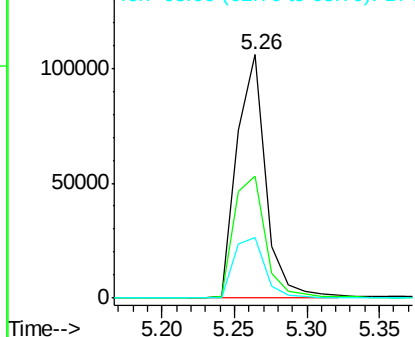
#5

2-Fluorophenol
Concen: 59.73 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078267.D
Acq: 6 Apr 2015 20:07

Tgt Ion:112 Resp: 146582
Ion Ratio Lower Upper
112 100
64 50.4 39.9 59.9
63 24.7 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: 36.23 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078267.D

Acq: 6 Apr 2015 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

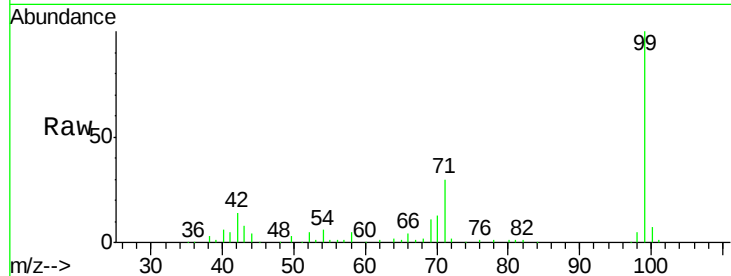
Tgt Ion: 99 Resp: 111423

Ion Ratio Lower Upper

99 100

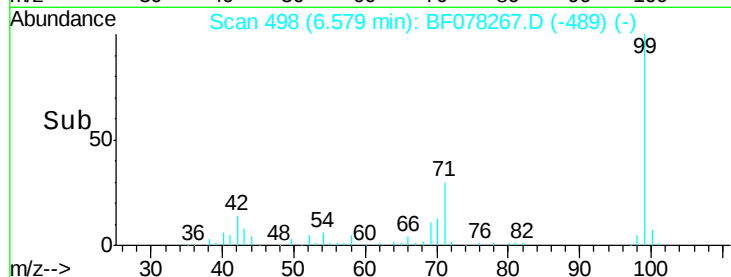
42 14.4 14.8 22.2#

71 29.8 26.6 39.8

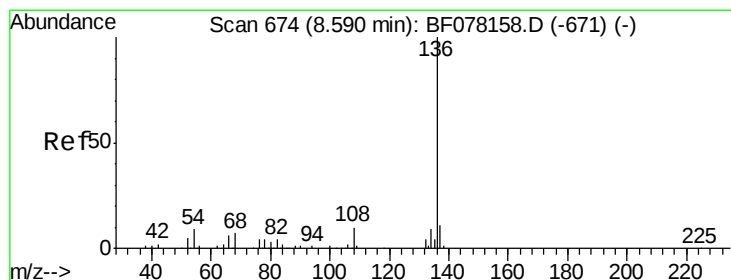


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.58



Time--> 6.50 6.55 6.60 6.65



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078267.D

Acq: 6 Apr 2015 20:07

Tgt Ion: 136 Resp: 169624

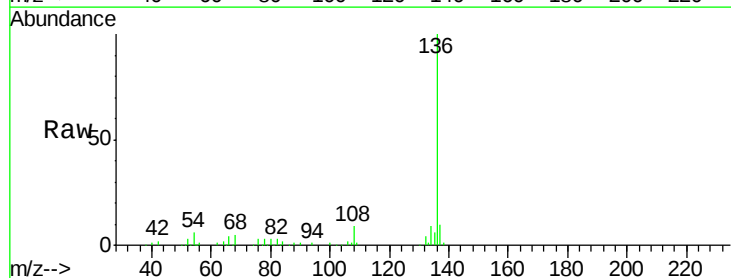
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

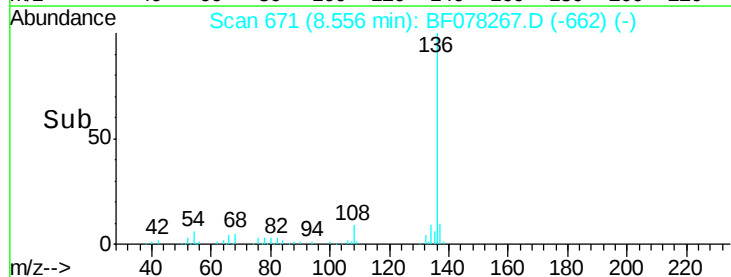
54 6.3 7.0 10.6#

68 5.3 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

8.56



Time--> 8.50 8.55 8.60



#23

Nitrobenzene-d5

Concen: 82.90 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF078267.D

Acq: 6 Apr 2015 20:07

Instrument :

BNA_F

ClientSampleId :

MW-13

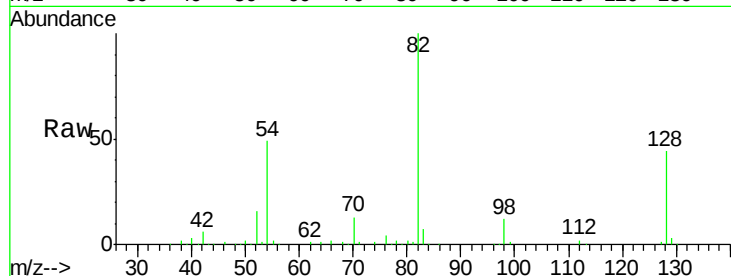
Tgt Ion: 82 Resp: 231980

Ion Ratio Lower Upper

82 100

128 44.0 31.8 47.8

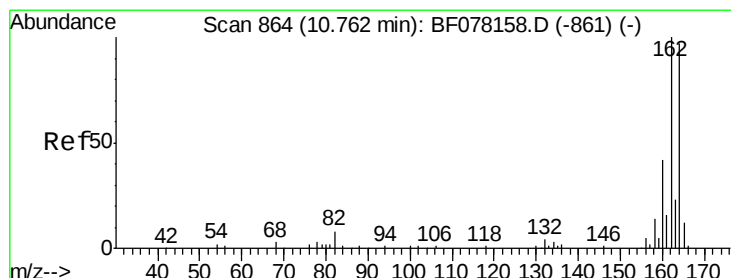
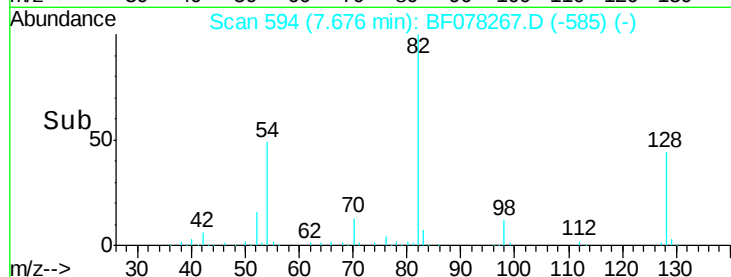
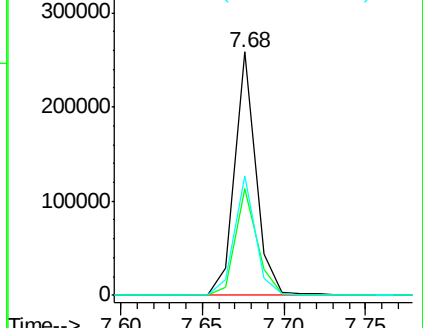
54 49.0 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF078267.D

Acq: 6 Apr 2015 20:07

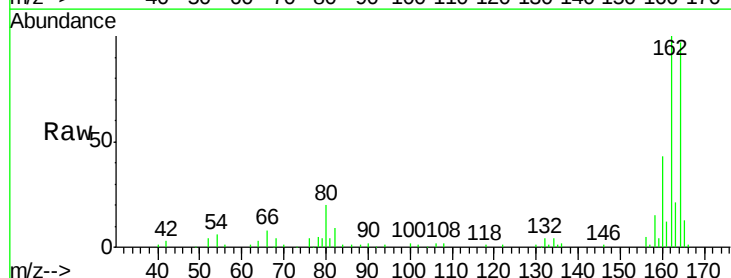
Tgt Ion: 164 Resp: 83246

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

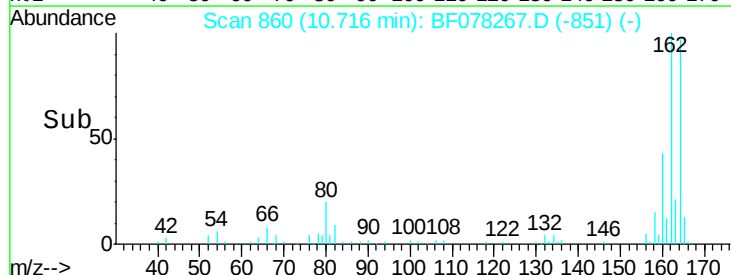
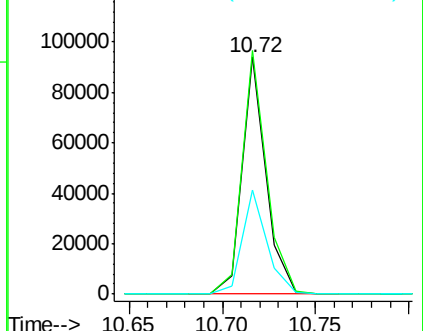
160 43.9 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF078158.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF078158.D (-861) (-)

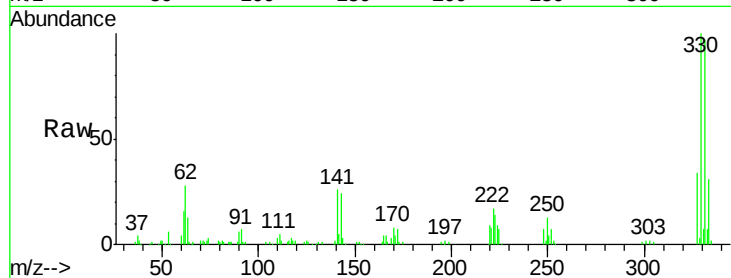




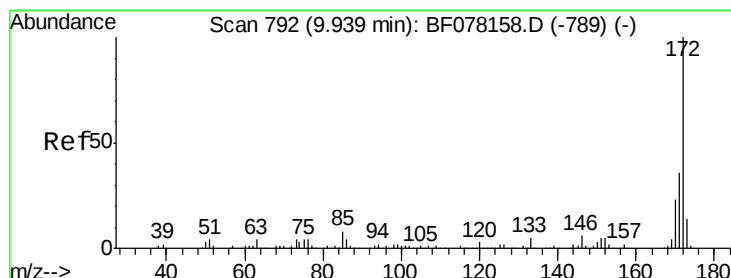
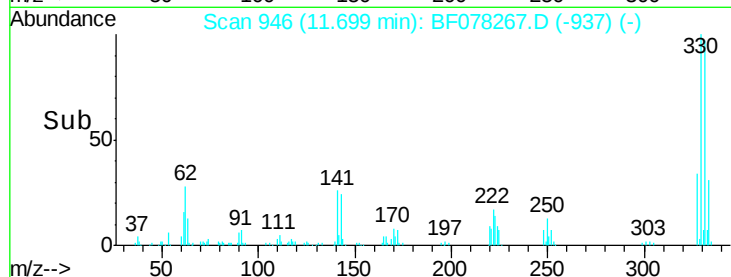
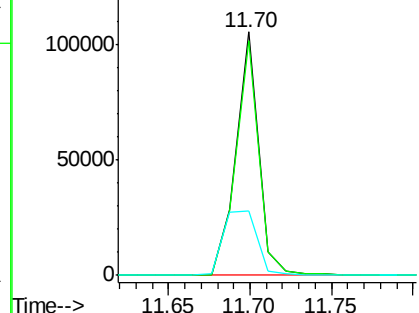
#41
 2,4,6-Tribromophenol
 Concen: 147.35 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078267.D
 Acq: 6 Apr 2015 20:07

Instrument :
 BNA_F
 ClientSampled :
 MW-13

Tgt Ion:330 Resp: 101735
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 117.8
 141 39.0 31.2 46.8

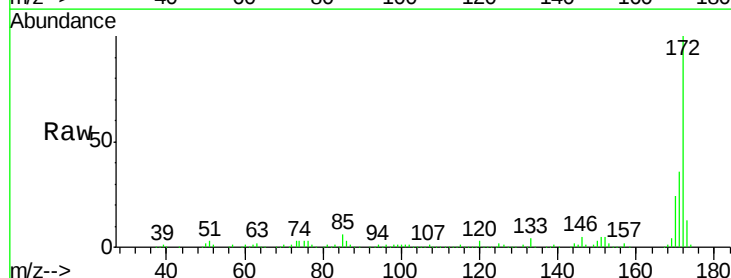


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

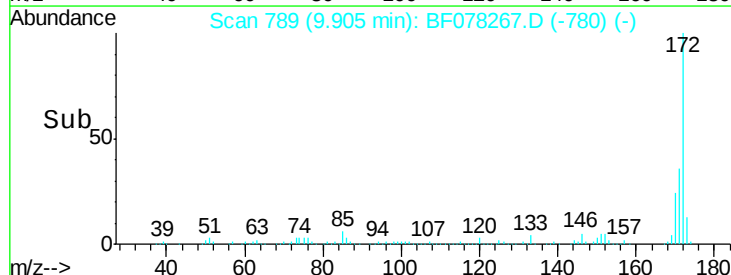
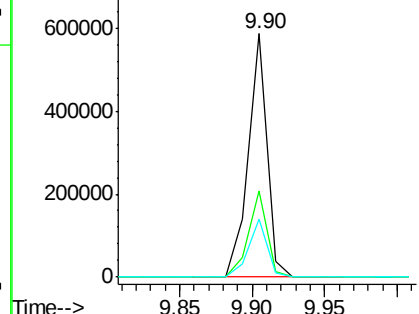


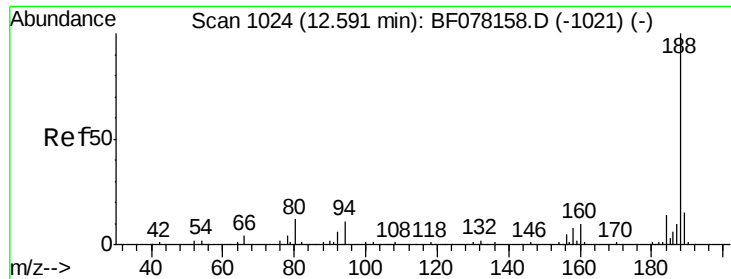
#44
 2-Fluorobiphenyl
 Concen: 90.79 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078267.D
 Acq: 6 Apr 2015 20:07

Tgt Ion:172 Resp: 528762
 Ion Ratio Lower Upper
 172 100
 171 35.5 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

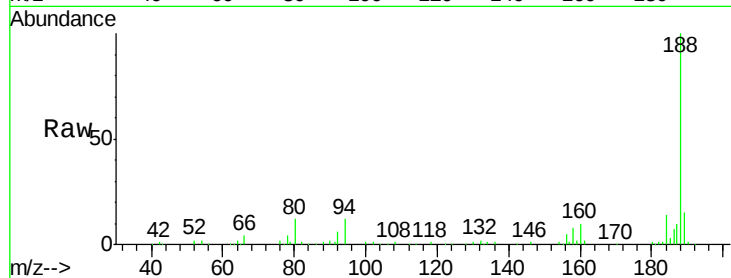




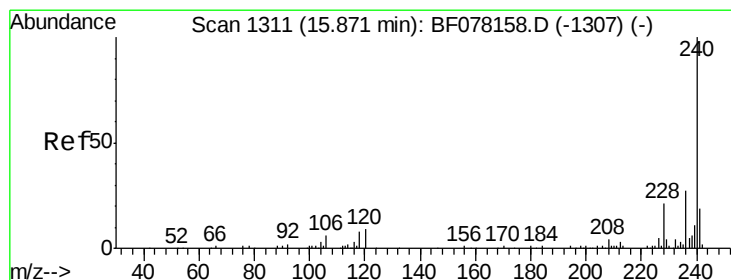
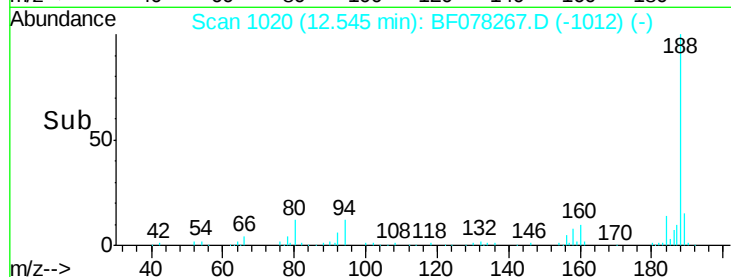
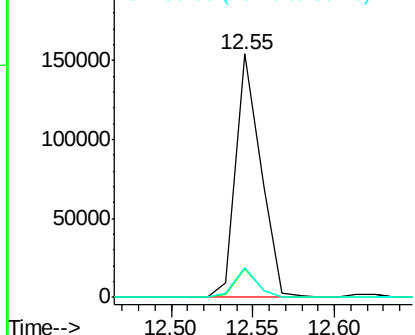
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078267.D
Acq: 6 Apr 2015 20:07

Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.0	13.4
80	12.0	9.5	14.3

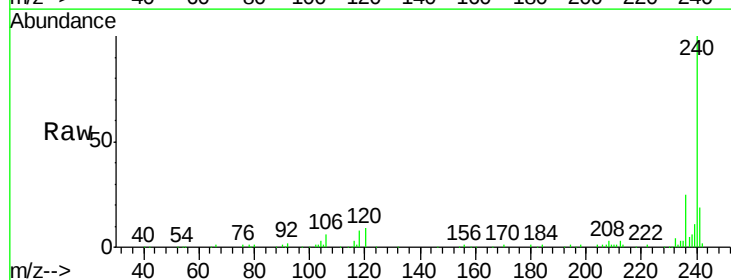


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

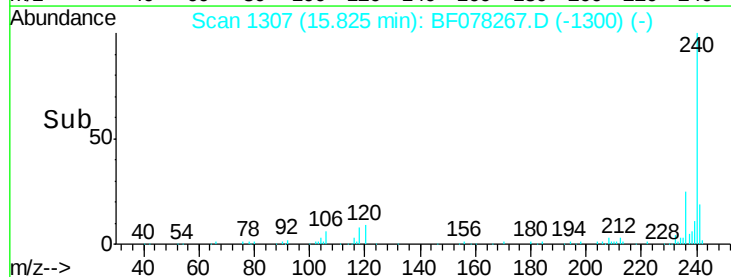
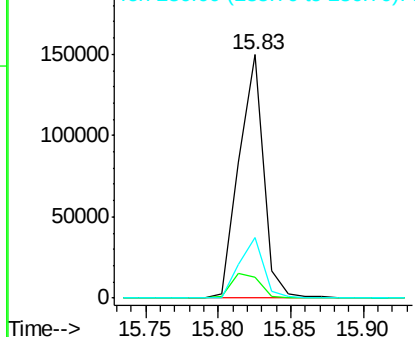


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078267.D
Acq: 6 Apr 2015 20:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.1	10.7
236	24.7	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

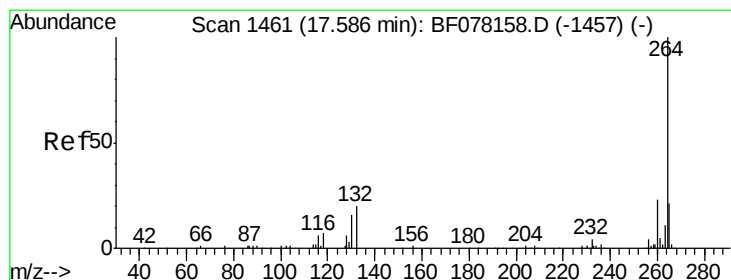
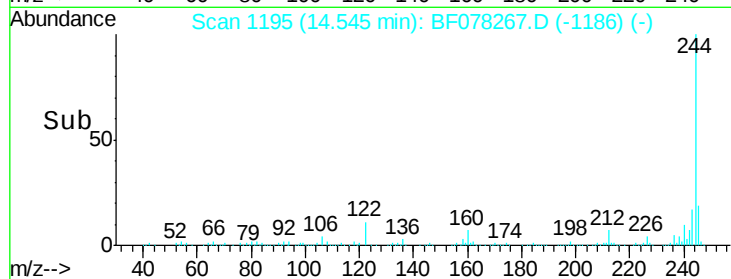
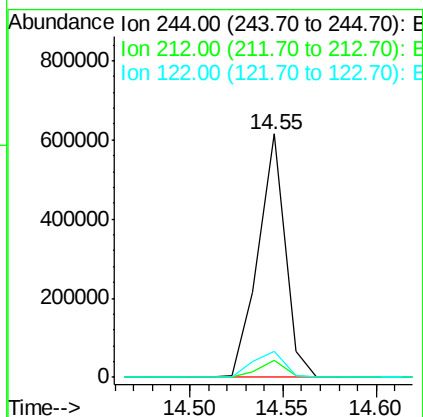
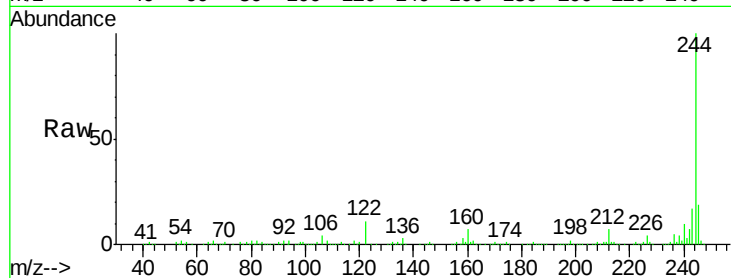




#78
 Terphenyl-d14
 Concen: 79.35 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF078267.D
 Acq: 6 Apr 2015 20:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 619377
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.9 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.07 min
 Lab File: BF078267.D
 Acq: 6 Apr 2015 20:07

Tgt Ion:264 Resp: 166398
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.3 17.0 25.6

