

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078252.D
 Acq On : 6 Apr 2015 12:58
 Operator : TP/IZ
 Sample : G1736-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Apr 07 01:32:25 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	54892	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	226325	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	117451	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	236252	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	249662	20.00	ng	-0.02
86) Perylene-d12	17.59	264	234865	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	124065	37.27	ng	0.00
7) Phenol-d6	6.58	99	104583	25.07	ng	0.00
23) Nitrobenzene-d5	7.68	82	233256	62.47	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	98277	100.89	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	536292	65.27	ng	0.00
78) Terphenyl-d14	14.55	244	617511	55.89	ng	0.00

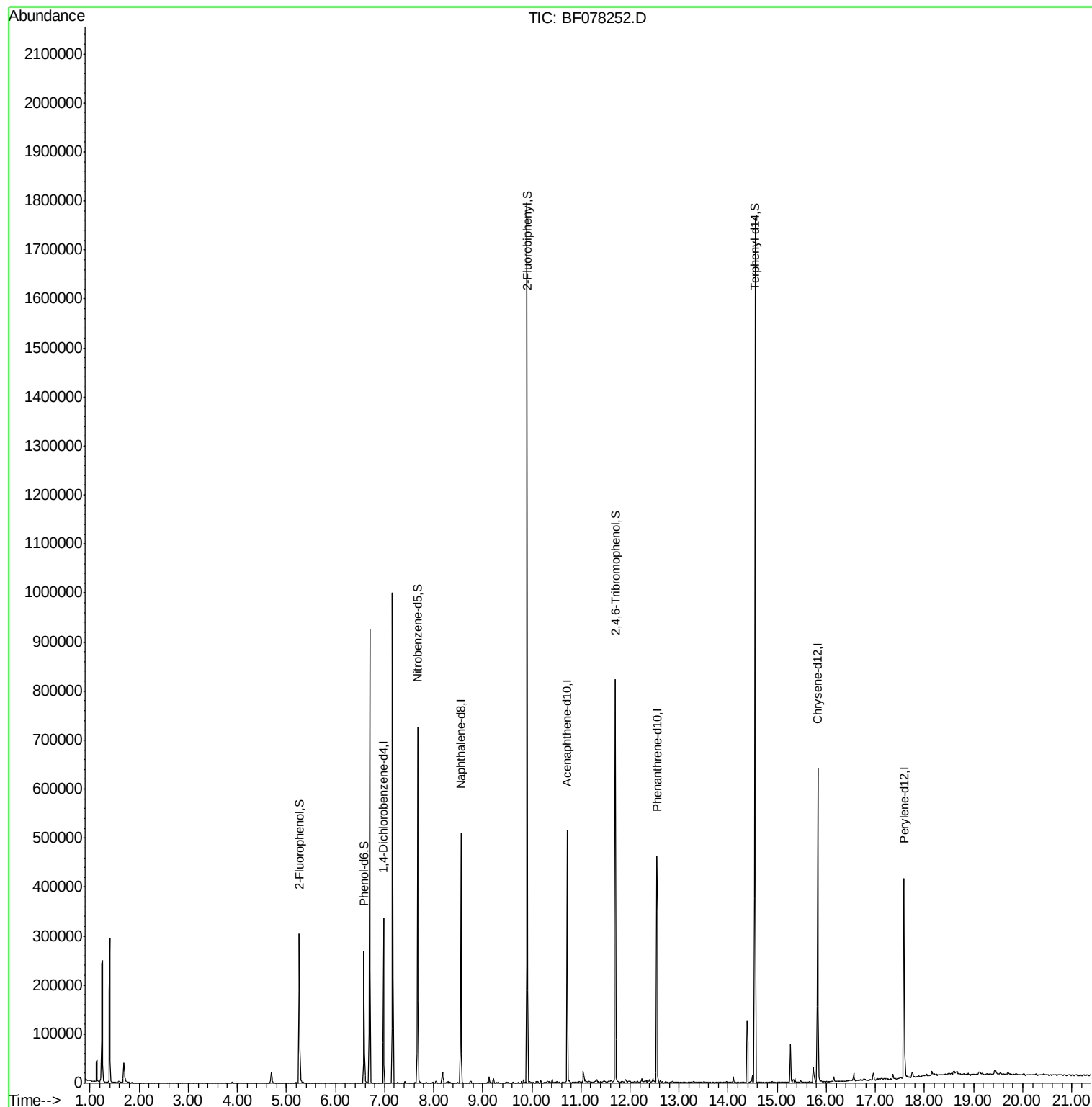
Target Compounds	Qvalue
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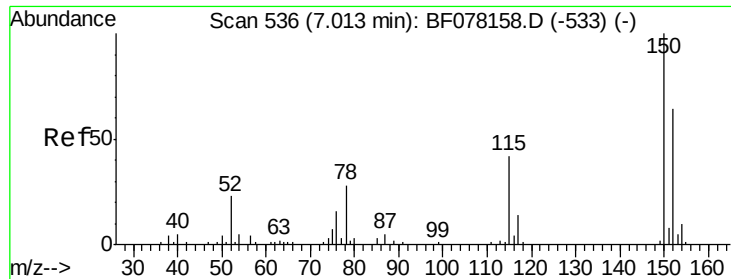
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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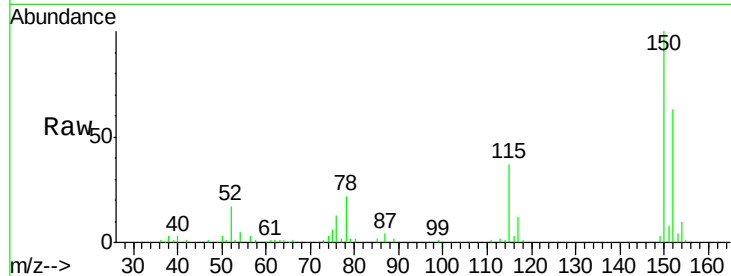


#1

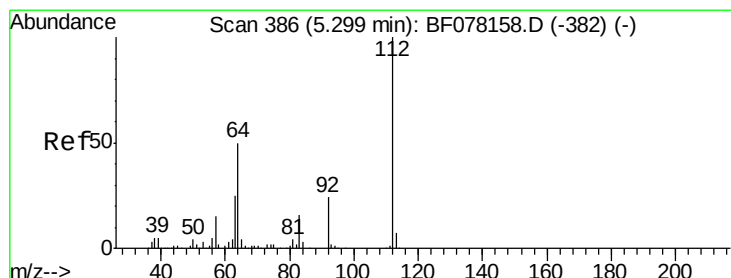
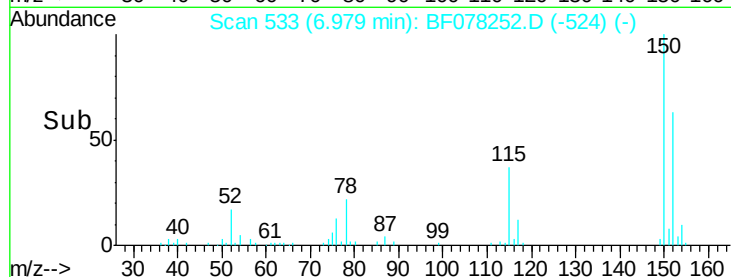
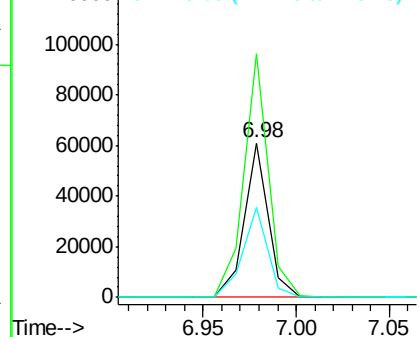
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampled :
MW-08

Tot Ion:152 Resp: 54892
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 58.5 52.7 79.1



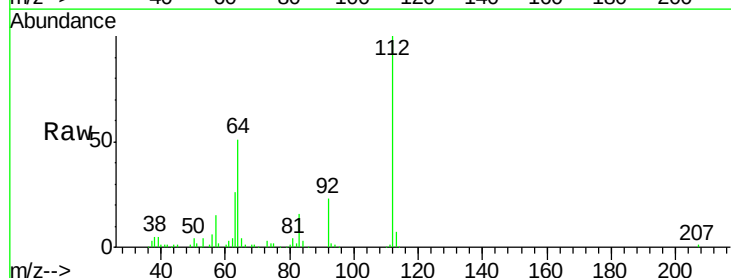
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



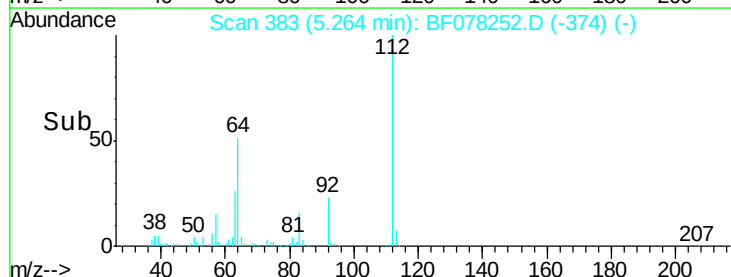
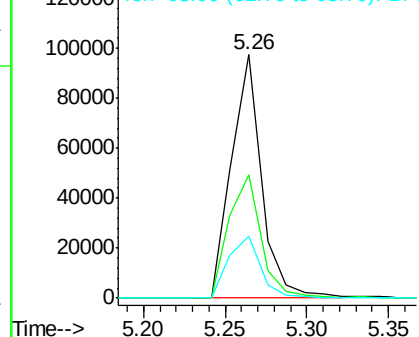
#5

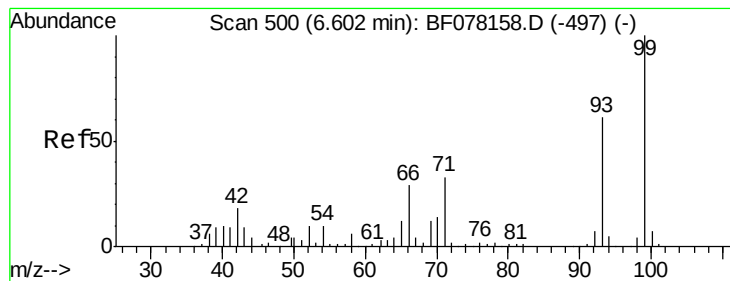
2-Fluorophenol
Concen: 37.27 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:112 Resp: 124065
Ion Ratio Lower Upper
112 100
64 50.6 39.9 59.9
63 25.5 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: 25.07 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078252.D

Acq: 6 Apr 2015 12:58

Instrument :

BNA_F

ClientSampled :

MW-08

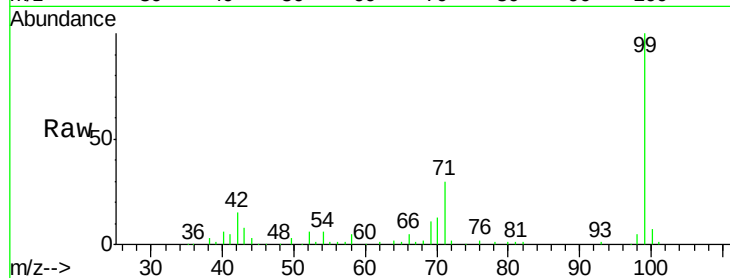
Tot Ion: 99 Resp: 104583

Ion Ratio Lower Upper

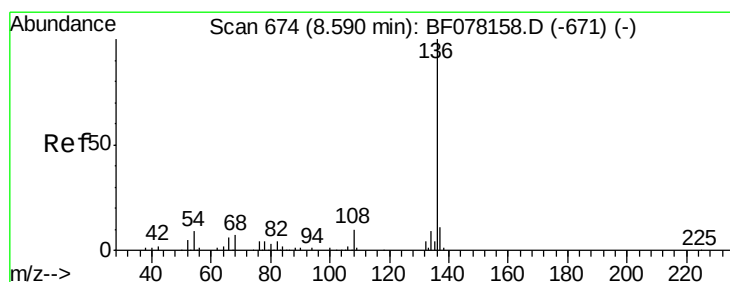
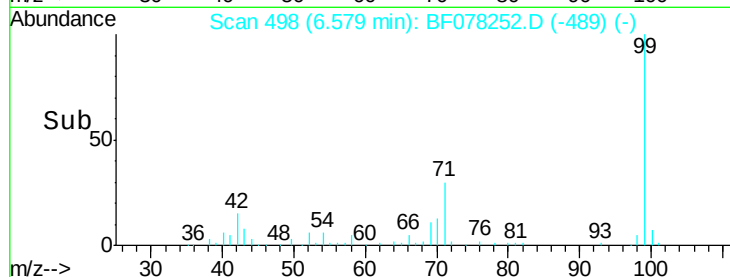
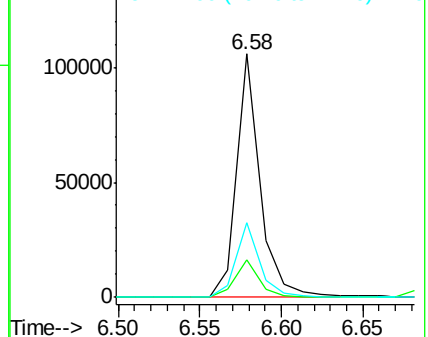
99 100

42 15.4 14.8 22.2

71 30.4 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: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078252.D

Acq: 6 Apr 2015 12:58

Tgt Ion: 136 Resp: 226325

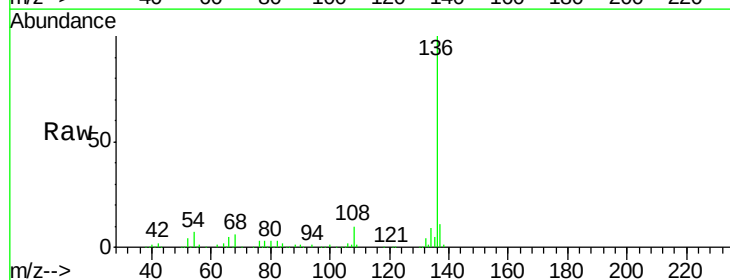
Ion Ratio Lower Upper

136 100

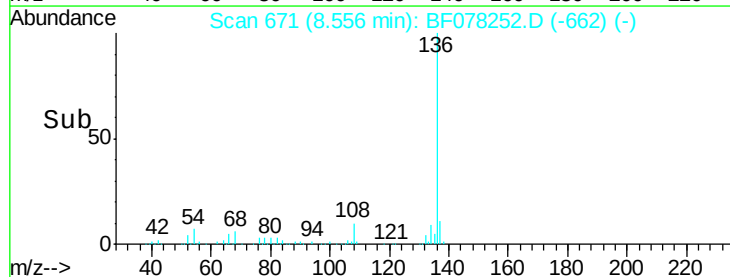
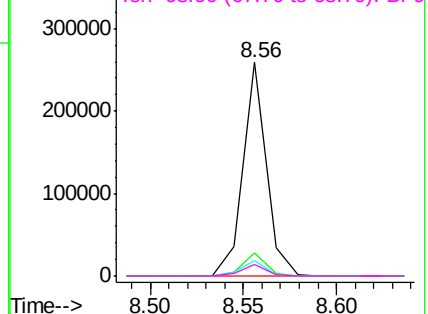
137 10.9 9.0 13.4

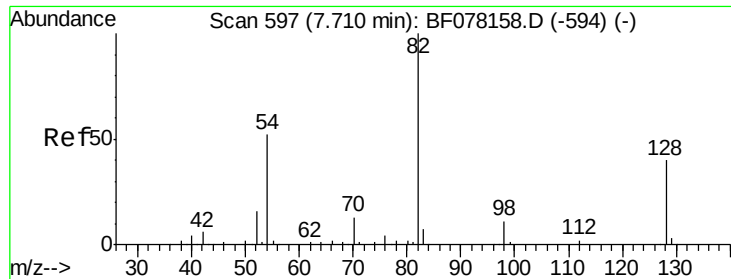
54 7.2 7.0 10.6

68 5.6 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





#23

Nitrobenzene-d5

Concen: 62.47 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF078252.D

Acq: 6 Apr 2015 12:58

Instrument :

BNA_F

ClientSampleId :

MW-08

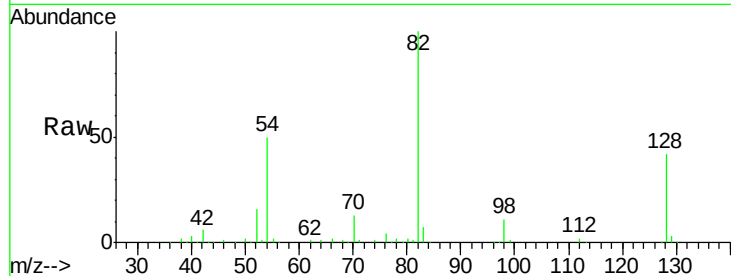
Tot Ion: 82 Resp: 233256

Ion Ratio Lower Upper

82 100

128 41.6 31.8 47.8

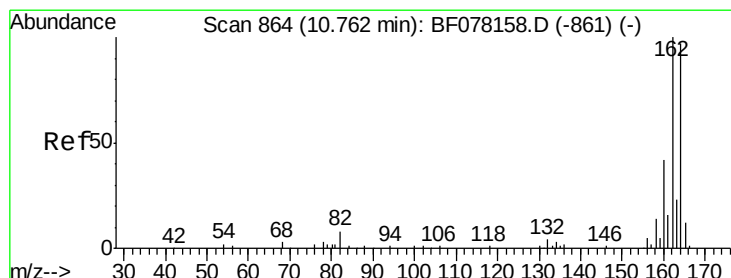
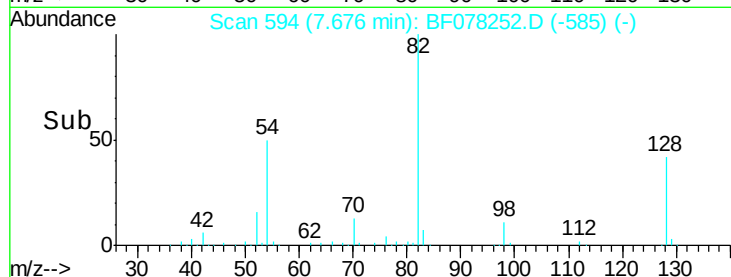
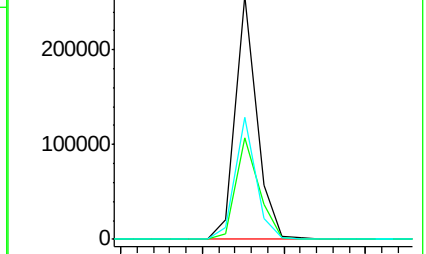
54 50.2 41.5 62.3



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: BF078252.D

Acq: 6 Apr 2015 12:58

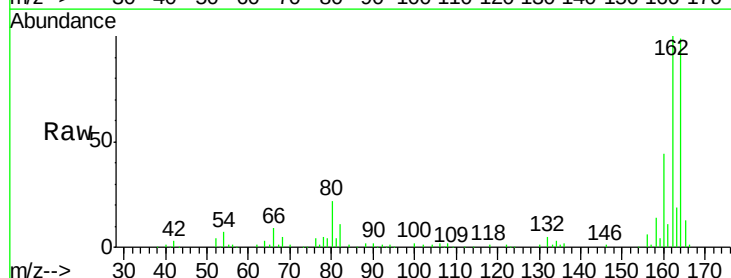
Tgt Ion:164 Resp: 117451

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

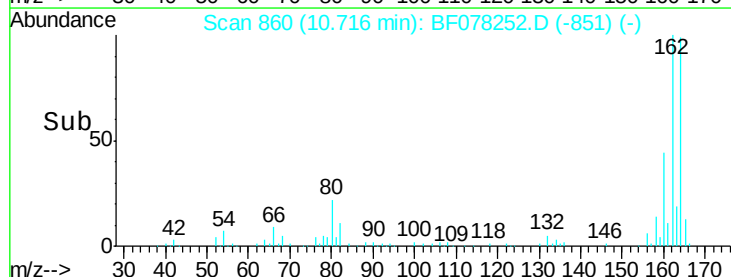
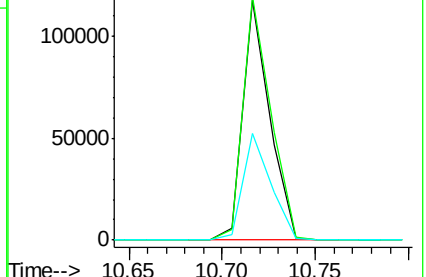
160 44.6 34.7 52.1

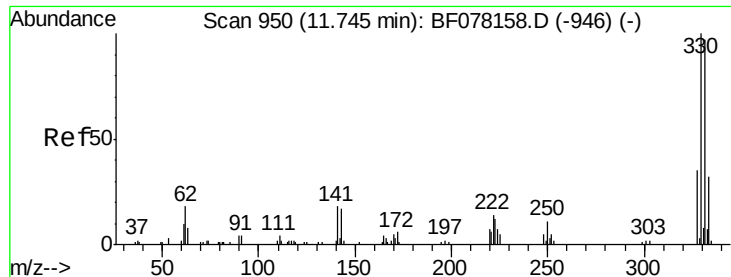


Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

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

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

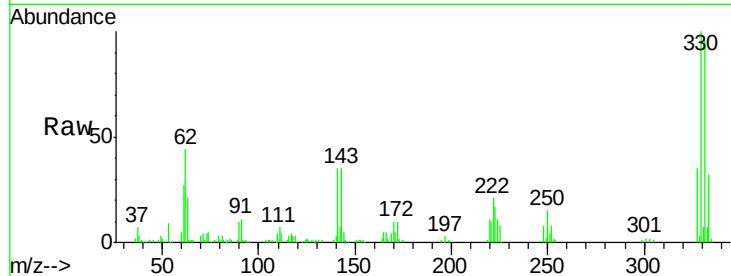




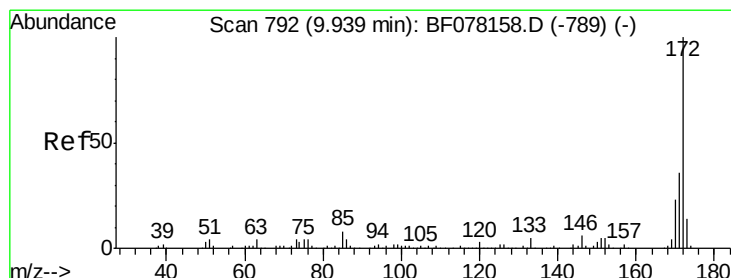
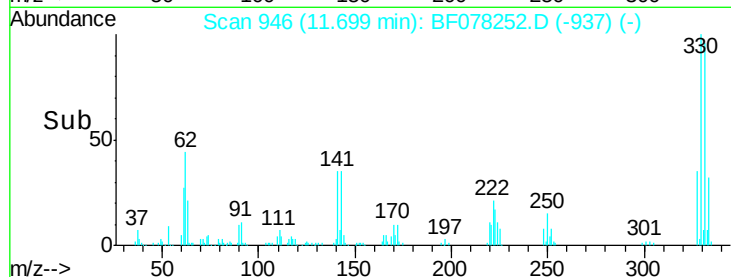
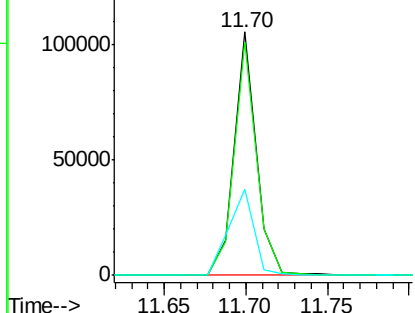
#41
 2,4,6-Tribromophenol
 Concen: 100.89 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078252.D
 Acq: 6 Apr 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.6	117.8
141	40.0	31.2	46.8

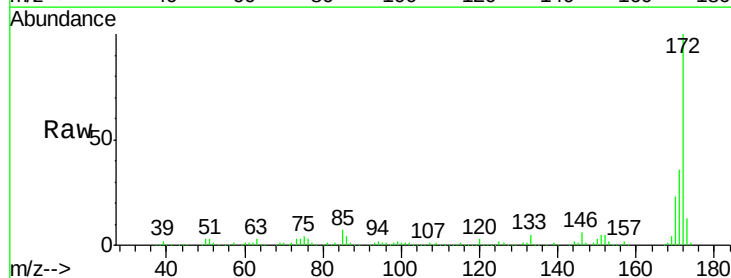


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

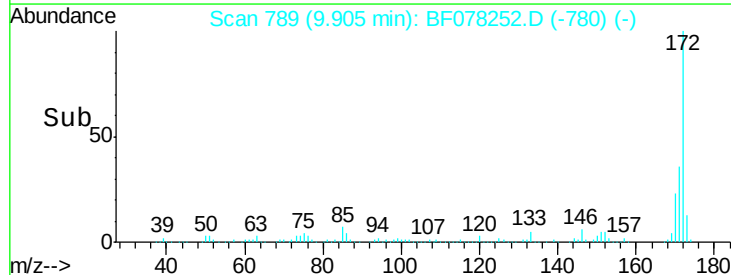
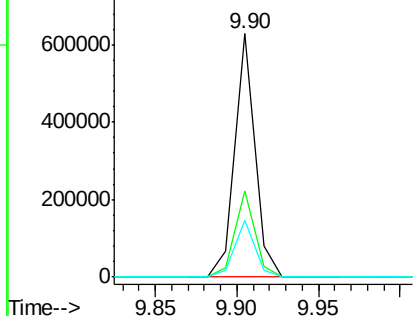


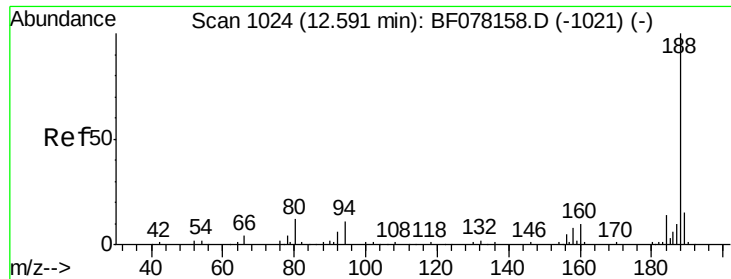
#44
 2-Fluorobiphenyl
 Concen: 65.27 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078252.D
 Acq: 6 Apr 2015 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.3	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

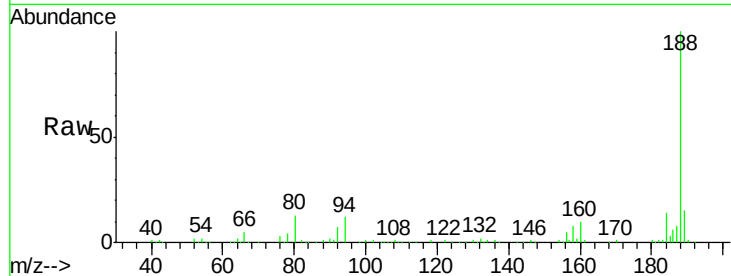




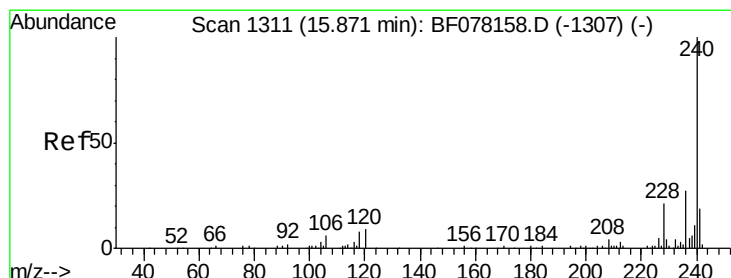
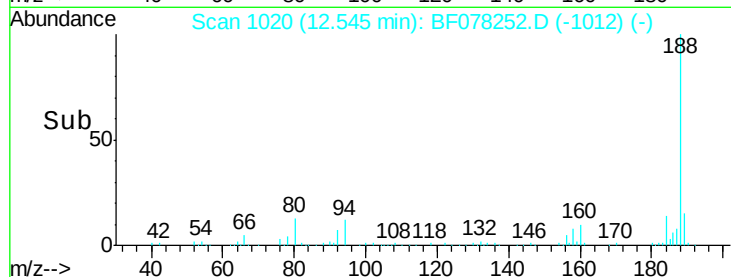
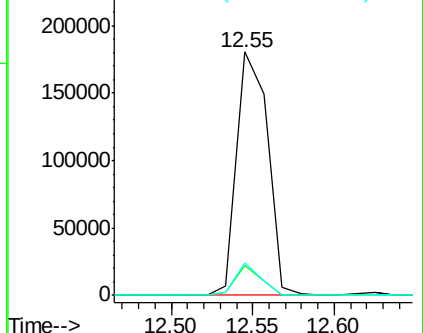
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:188 Resp: 236252
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.4
80 13.2 9.5 14.3

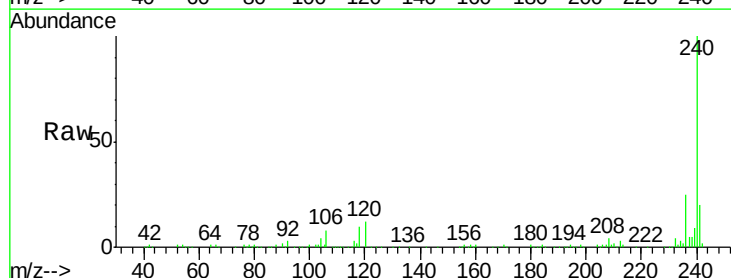


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

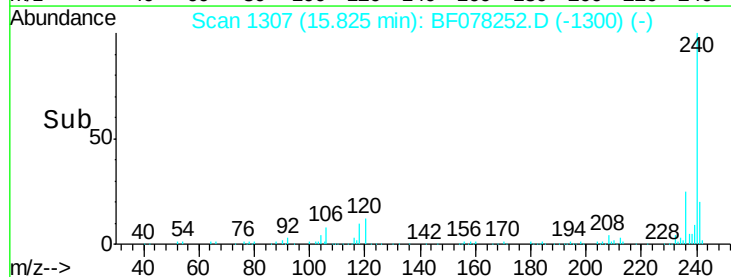
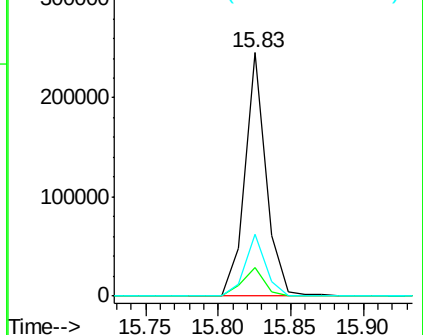


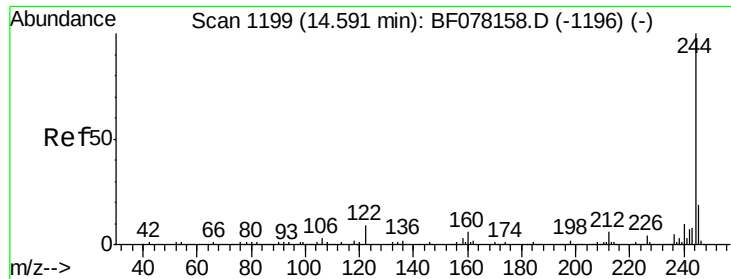
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078252.D
Acq: 6 Apr 2015 12:58

Tgt Ion:240 Resp: 249662
Ion Ratio Lower Upper
240 100
120 11.5 7.1 10.7#
236 25.4 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

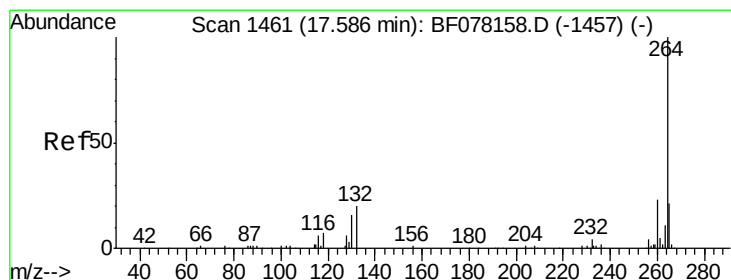
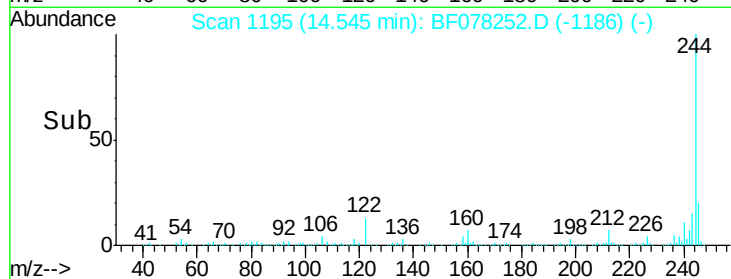
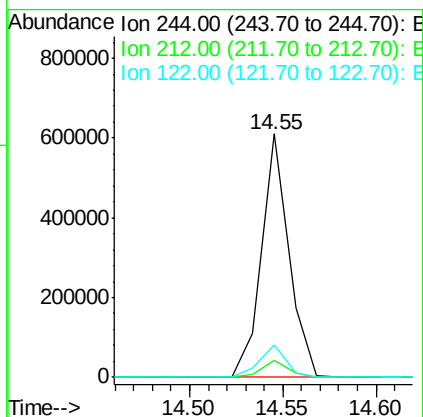
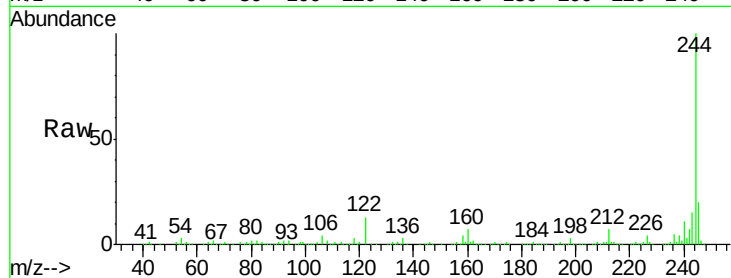




#78
 Terphenyl-d14
 Concen: 55.89 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF078252.D
 Acq: 6 Apr 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:244 Resp: 617511
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 13.5 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.06 min
 Lab File: BF078252.D
 Acq: 6 Apr 2015 12:58

Tgt Ion:264 Resp: 234865
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 20.7 17.0 25.6

