

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078266.D
 Acq On : 6 Apr 2015 19:39
 Operator : TP/IZ
 Sample : G1755-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Apr 07 01:27:19 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	43254	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	172753	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	86822	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	172570	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	183394	20.00	ng	-0.03
86) Perylene-d12	17.54	264	171612	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	145122	55.32	ng	0.00
7) Phenol-d6	6.58	99	109119	33.19	ng	0.00
23) Nitrobenzene-d5	7.68	82	249261	87.46	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	108510	150.69	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	570830	93.98	ng	0.00
78) Terphenyl-d14	14.55	244	675304	83.21	ng	0.00

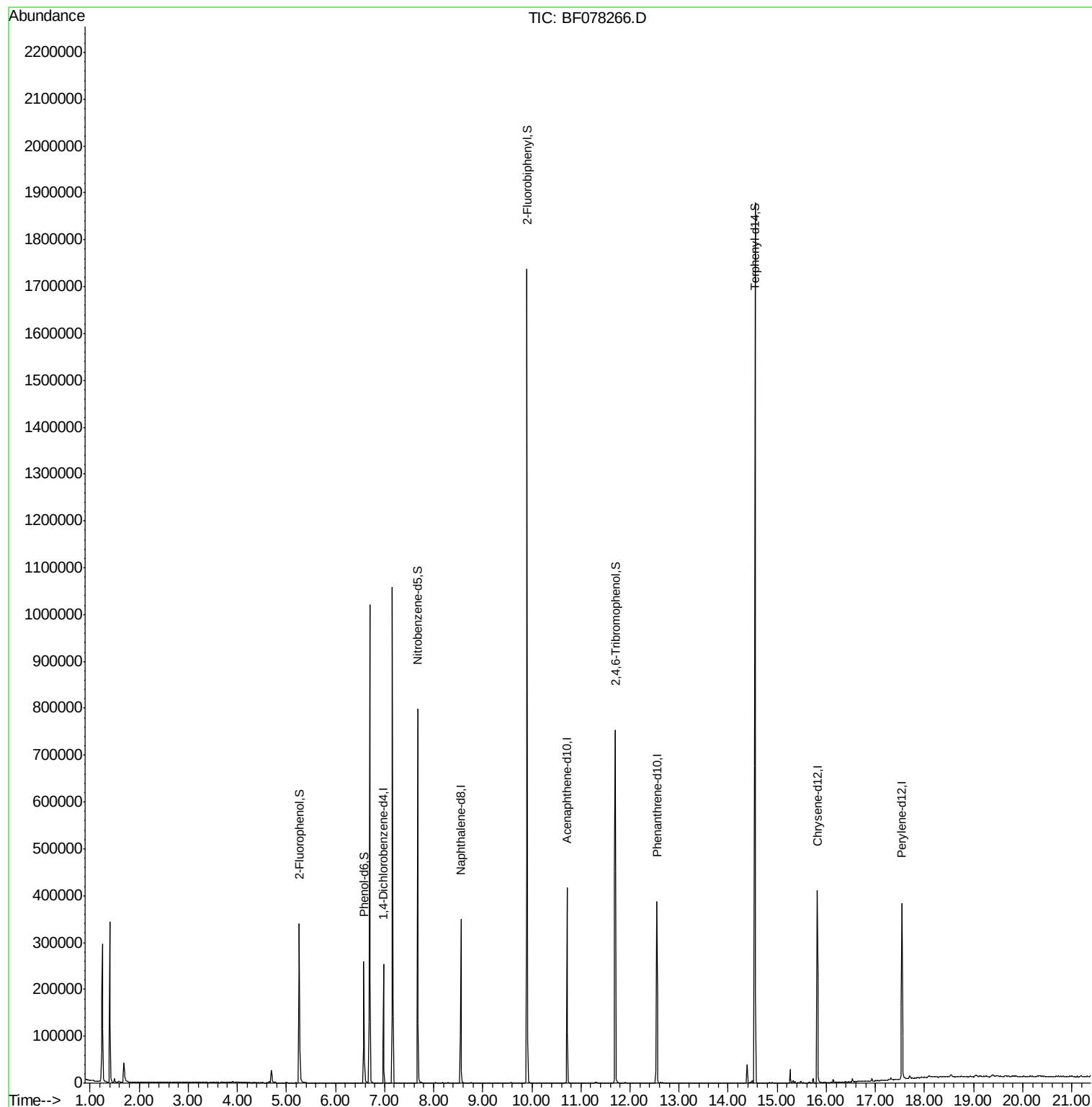
Target Compounds	Qvalue
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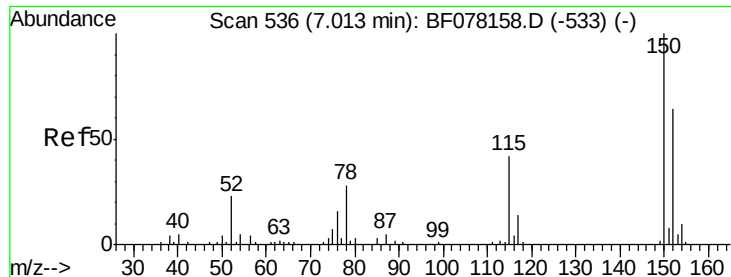
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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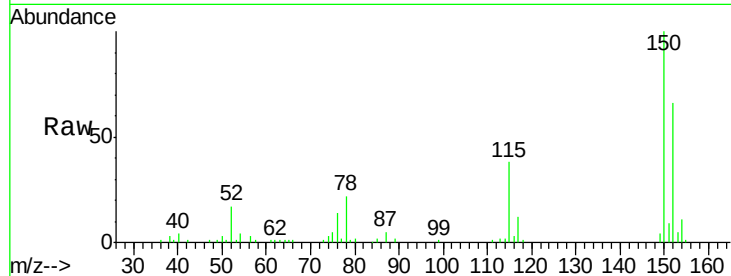


#1

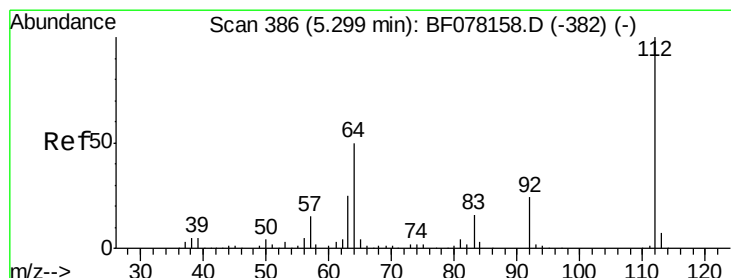
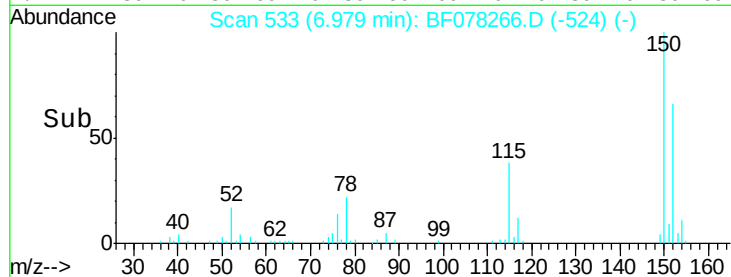
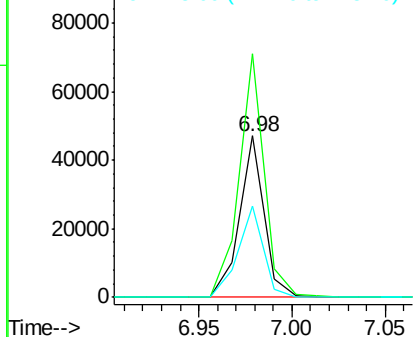
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078266.D
Acq: 6 Apr 2015 19:39

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 43254
Ion Ratio Lower Upper
152 100
150 150.9 125.9 188.9
115 56.9 52.7 79.1



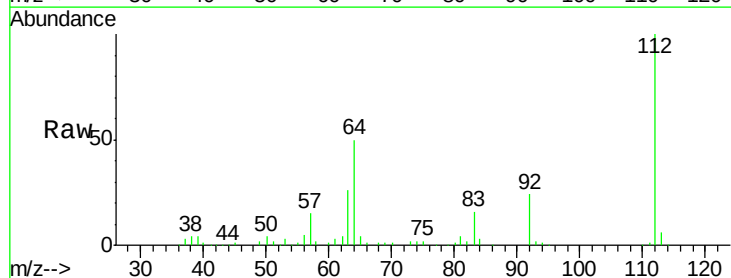
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



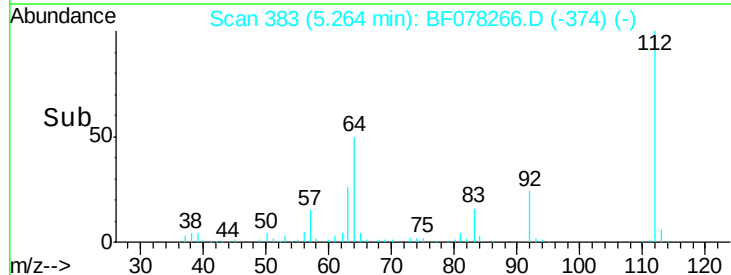
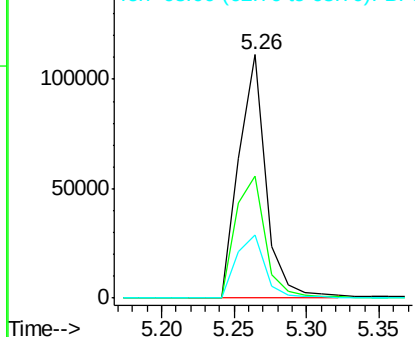
#5

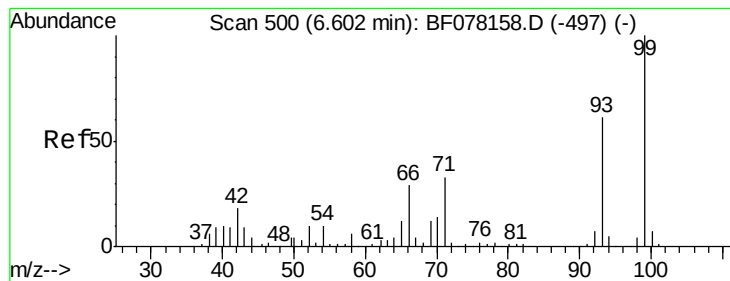
2-Fluorophenol
Concen: 55.32 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF078266.D
Acq: 6 Apr 2015 19:39

Tgt Ion:112 Resp: 145122
Ion Ratio Lower Upper
112 100
64 49.9 39.9 59.9
63 25.9 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: 33.19 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078266.D

Acq: 6 Apr 2015 19:39

Instrument :

BNA_F

ClientSampleId :

MW-12

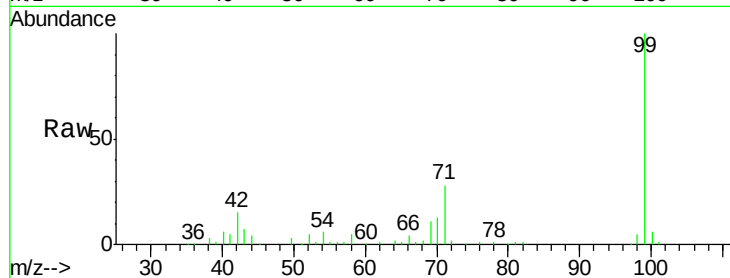
Tgt Ion: 99 Resp: 109119

Ion Ratio Lower Upper

99 100

42 14.5 14.8 22.2#

71 27.8 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

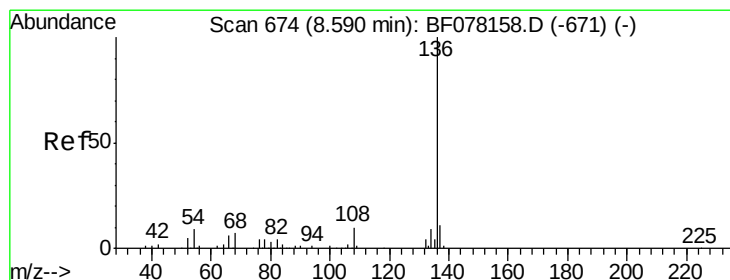
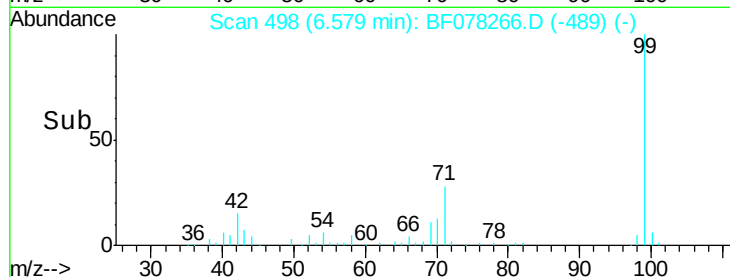
6.58

100000

50000

0

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: BF078266.D

Acq: 6 Apr 2015 19:39

Tgt Ion: 136 Resp: 172753

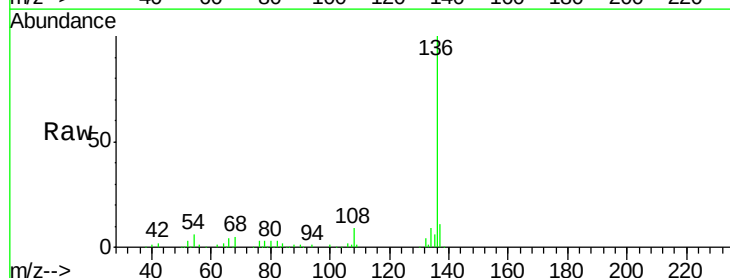
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.2 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

250000

200000

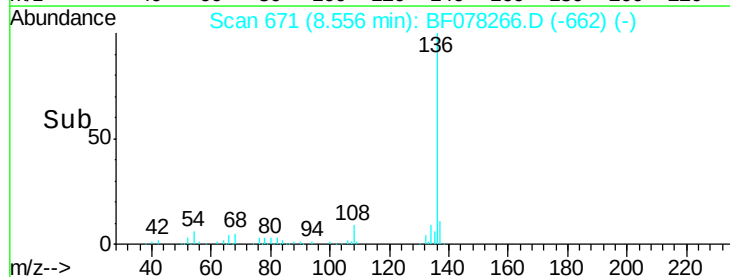
150000

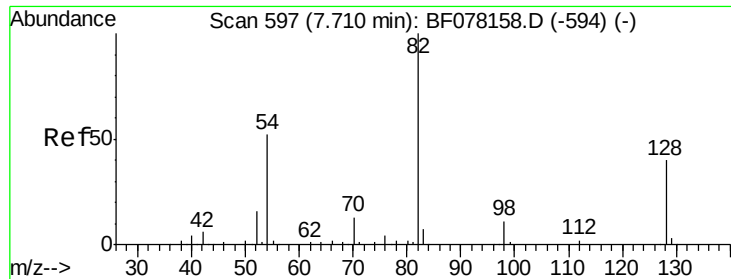
100000

50000

0

Time--> 8.50 8.55 8.60





#23

Nitrobenzene-d5

Concen: 87.46 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078266.D

Acq: 6 Apr 2015 19:39

Instrument :

BNA_F

ClientSampleId :

MW-12

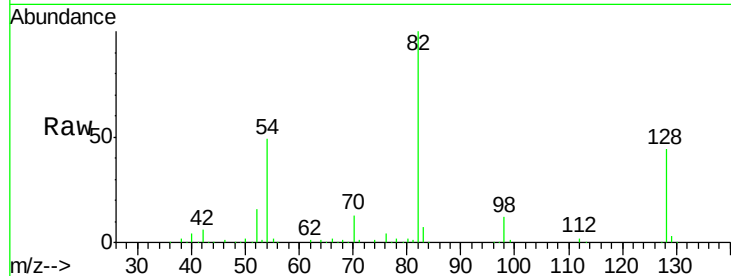
Tgt Ion: 82 Resp: 249261

Ion Ratio Lower Upper

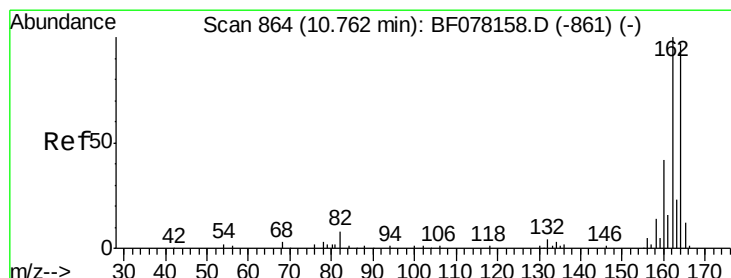
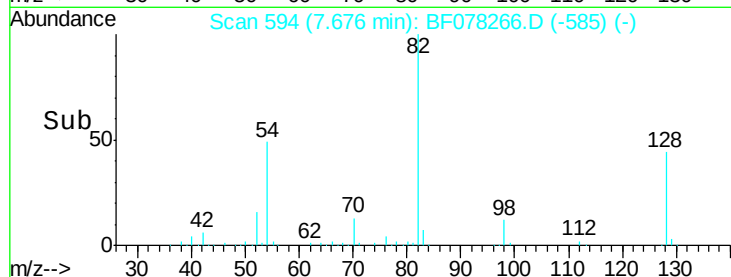
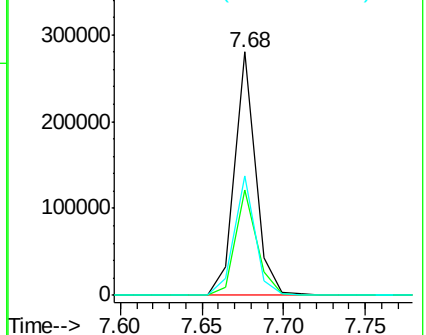
82 100

128 43.5 31.8 47.8

54 49.3 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: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078266.D

Acq: 6 Apr 2015 19:39

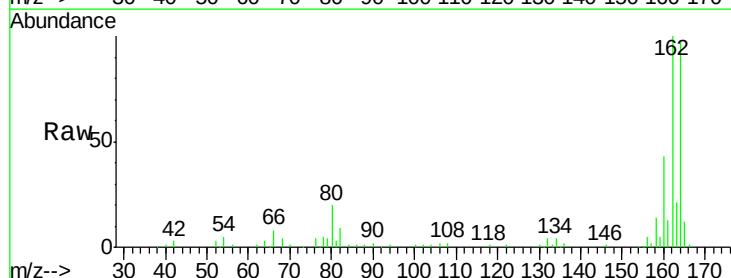
Tgt Ion: 164 Resp: 86822

Ion Ratio Lower Upper

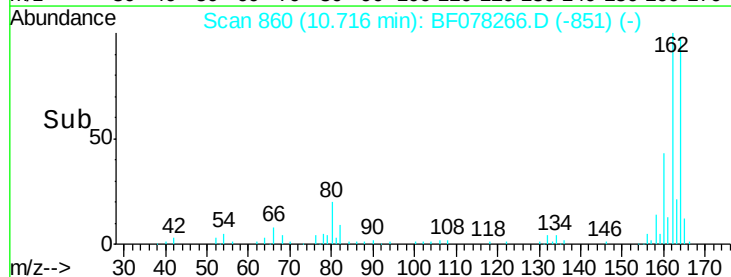
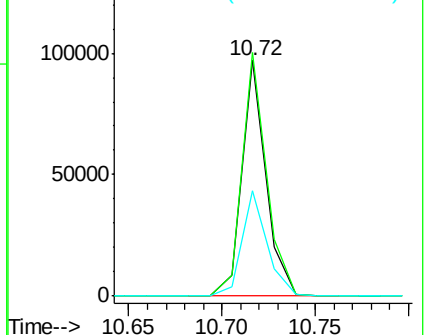
164 100

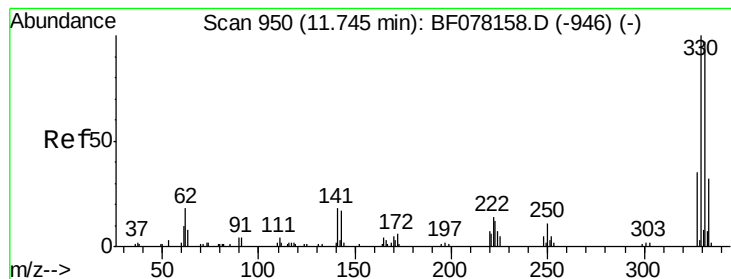
162 103.4 82.2 123.2

160 44.8 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

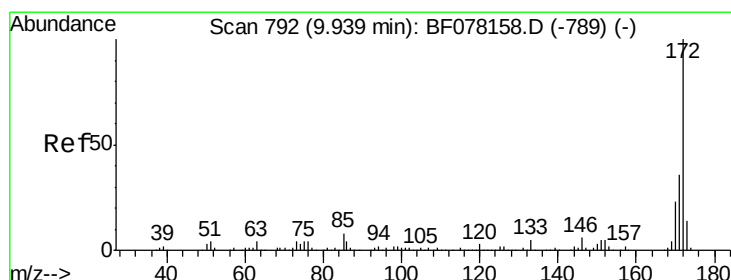
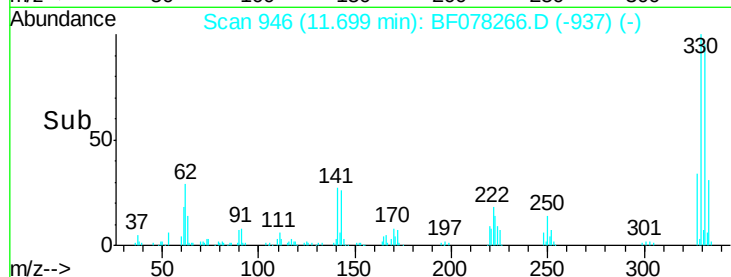
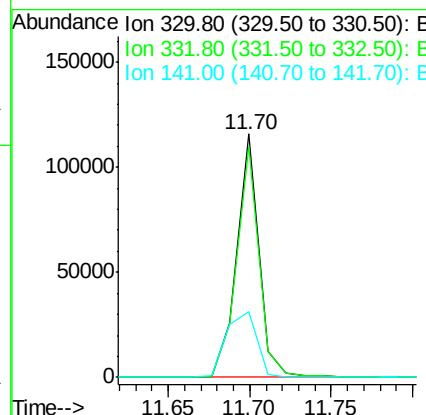
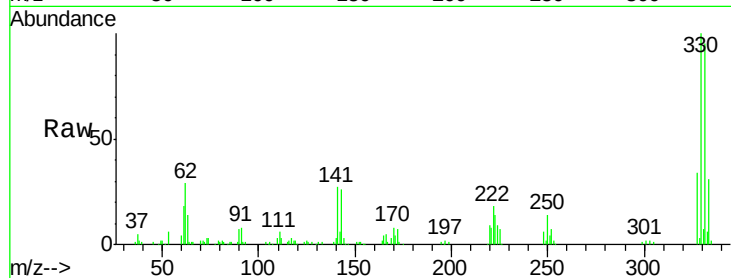




#41
 2,4,6-Tribromophenol
 Concen: 150.69 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078266.D
 Acq: 6 Apr 2015 19:39

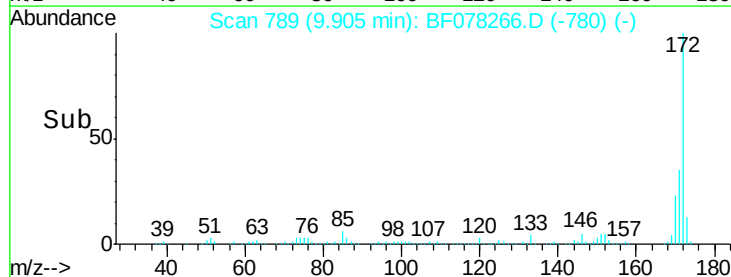
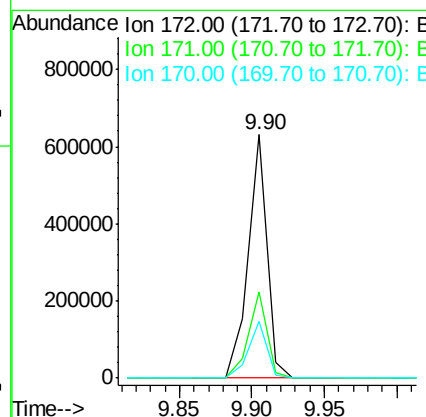
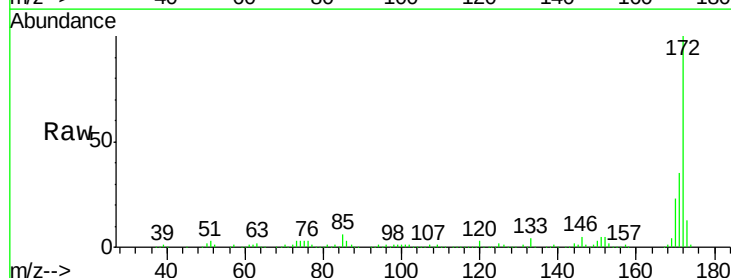
Instrument :
 BNA_F
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 MW-12

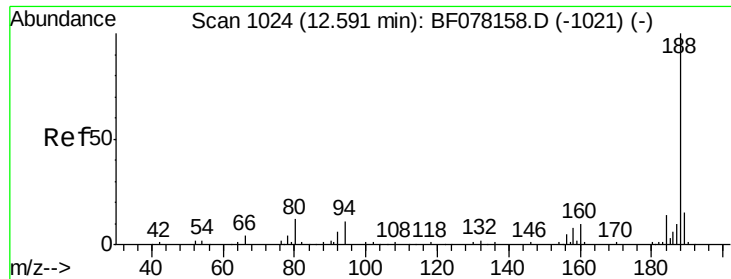
Tgt Ion:330 Resp: 108510
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.6 117.8
 141 38.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 93.98 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078266.D
 Acq: 6 Apr 2015 19:39

Tgt Ion:172 Resp: 570830
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.3 18.5 27.7

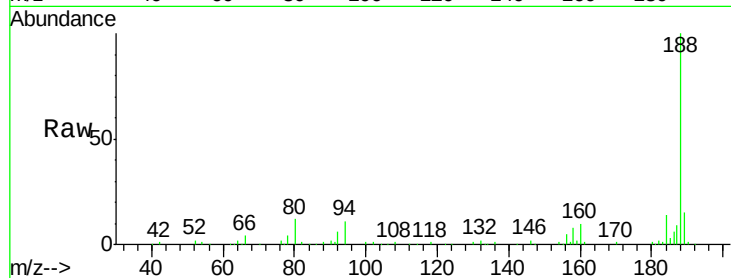




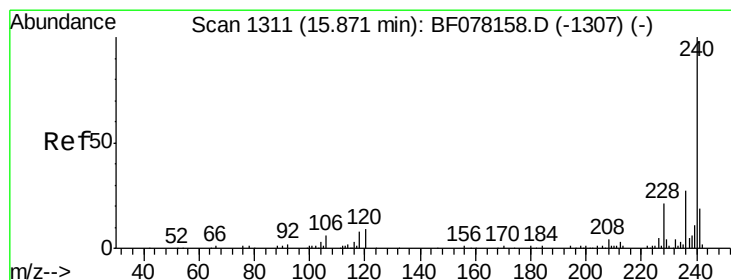
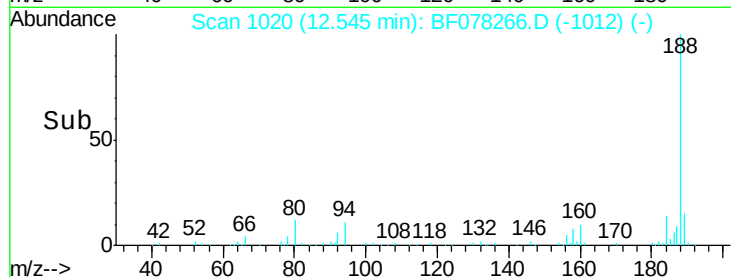
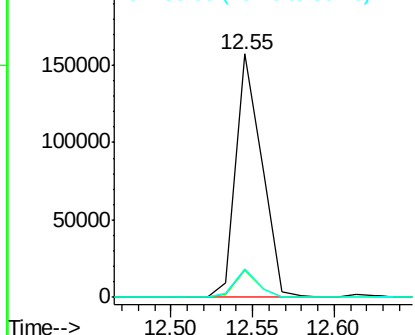
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078266.D
Acq: 6 Apr 2015 19:39

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:188 Resp: 172570
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 11.8 9.5 14.3

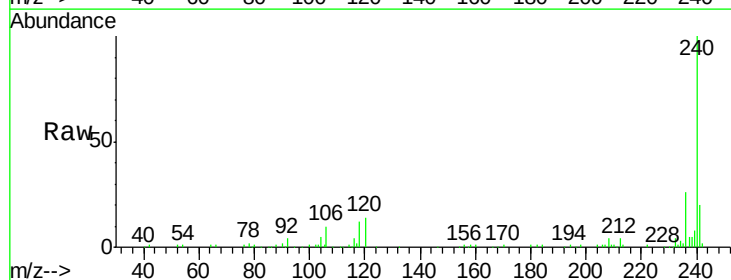


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

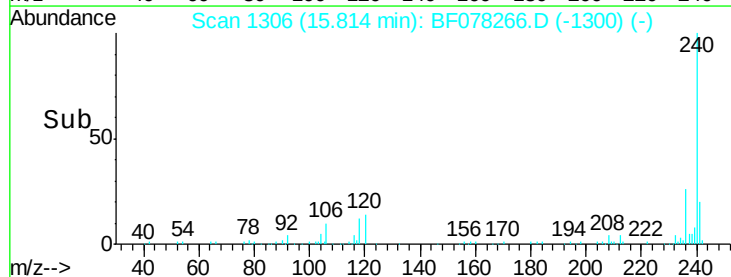
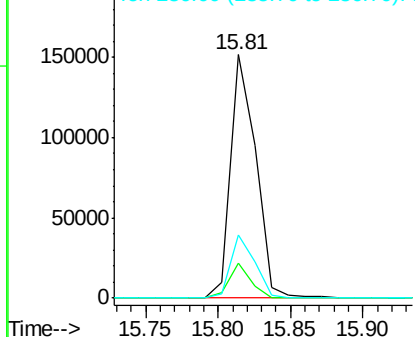


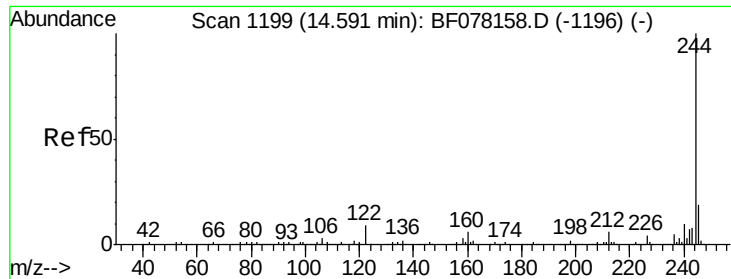
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF078266.D
Acq: 6 Apr 2015 19:39

Tgt Ion:240 Resp: 183394
Ion Ratio Lower Upper
240 100
120 14.2 7.1 10.7#
236 25.8 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

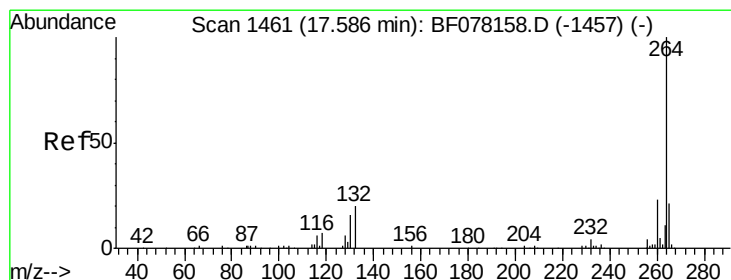
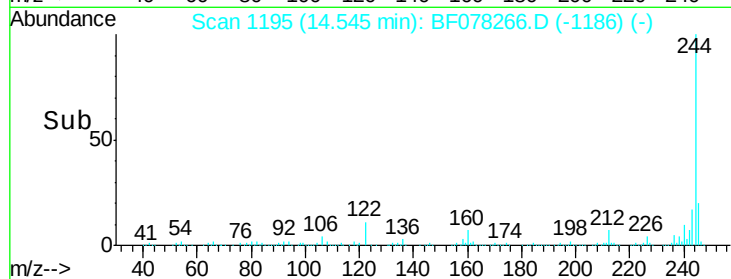
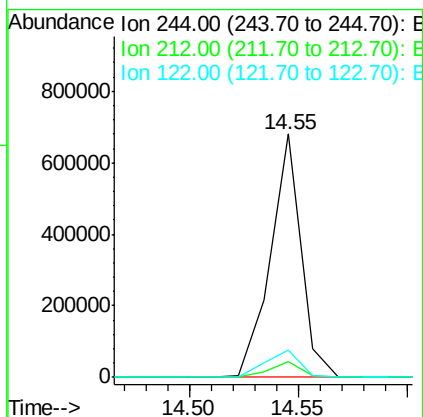
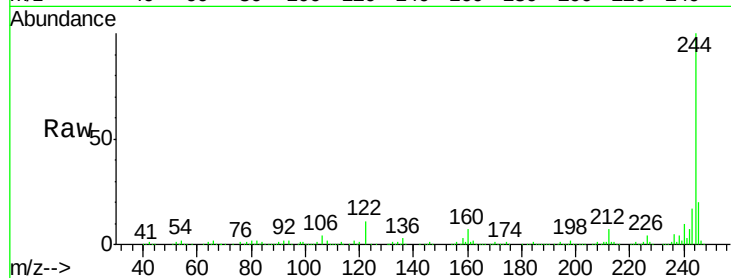




#78
 Terphenyl-d14
 Concen: 83.21 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078266.D
 Acq: 6 Apr 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Tgt Ion:244 Resp: 675304
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.2 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.10 min
 Lab File: BF078266.D
 Acq: 6 Apr 2015 19:39

Tgt Ion:264 Resp: 171612
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.3 17.0 25.6

