

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078457.D
 Acq On : 11 Apr 2015 23:58
 Operator : TP/IZ
 Sample : G782-02RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB09(1)RE

Quant Time: Apr 13 02:26:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	42373	20.00	ng	-0.02
21) Naphthalene-d8	8.44	136	176954	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	92920	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	190219	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	209078	20.00	ng	-0.07
86) Perylene-d12	17.33	264	201579	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	86551	33.68	ng	-0.06
7) Phenol-d6	6.45	99	120717	37.48	ng	-0.02
23) Nitrobenzene-d5	7.56	82	71766	24.58	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	25068	32.53	ng	-0.05
44) 2-Fluorobiphenyl	9.78	172	175219	26.95	ng	-0.03
78) Terphenyl-d14	14.41	244	226620	24.49	ng	-0.06

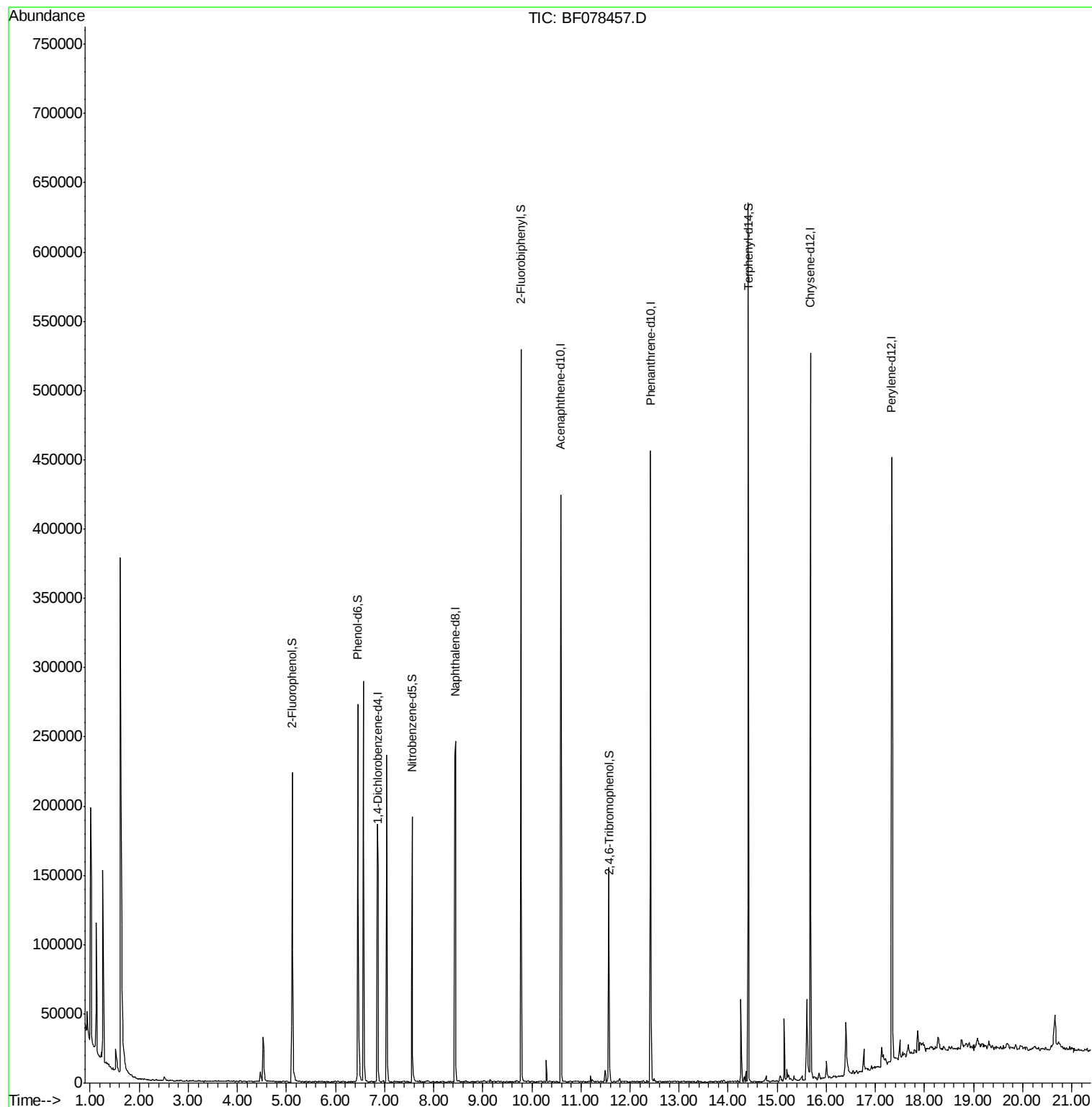
Target Compounds	Qvalue
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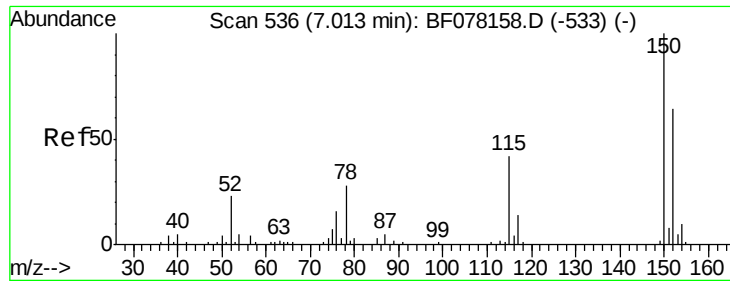
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

Instrument :

BNA_F

ClientSampleId :

SB09(1)RE

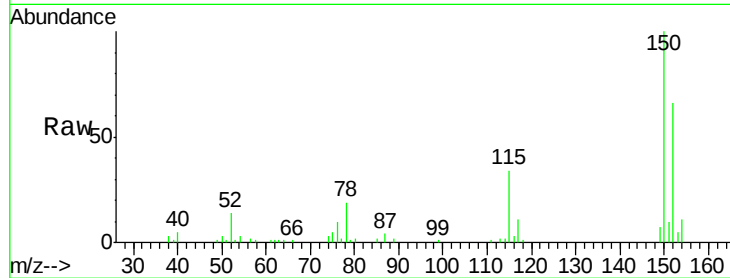
Tgt Ion:152 Resp: 42373

Ion Ratio Lower Upper

152 100

150 152.4 125.9 188.9

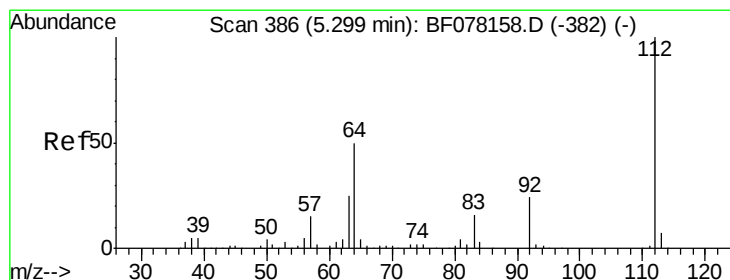
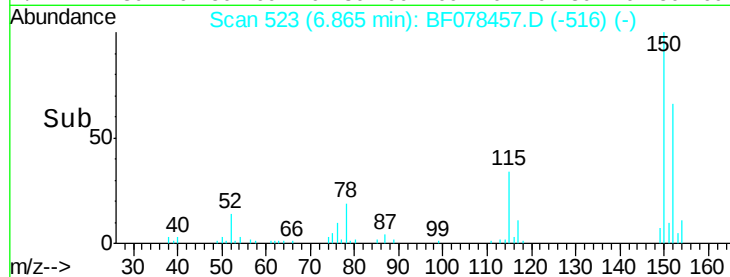
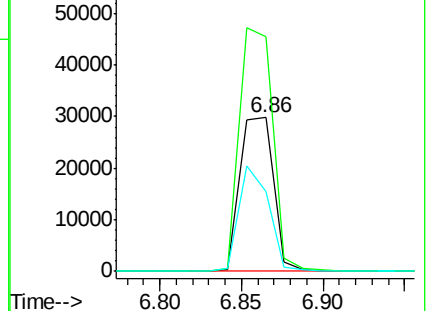
115 51.9 52.7 79.1#



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: 33.68 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

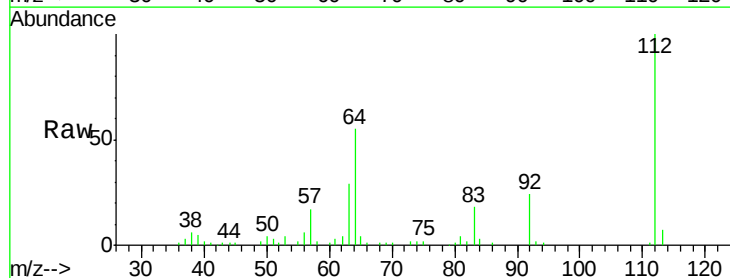
Tgt Ion:112 Resp: 86551

Ion Ratio Lower Upper

112 100

64 55.3 39.9 59.9

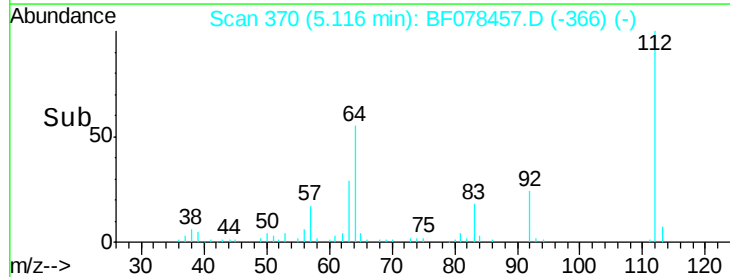
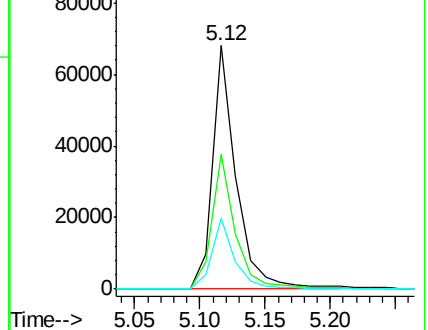
63 29.3 20.2 30.4

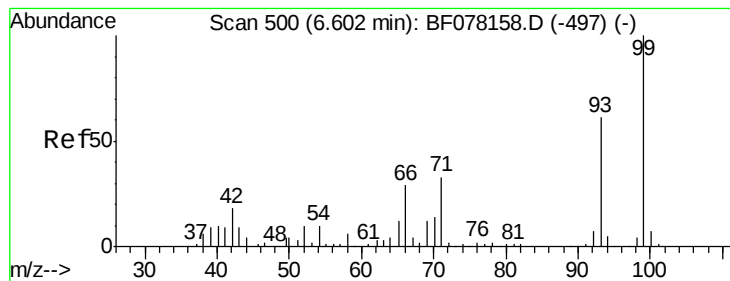


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.48 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

Instrument :

BNA_F

ClientSampleId :

SB09(1)RE

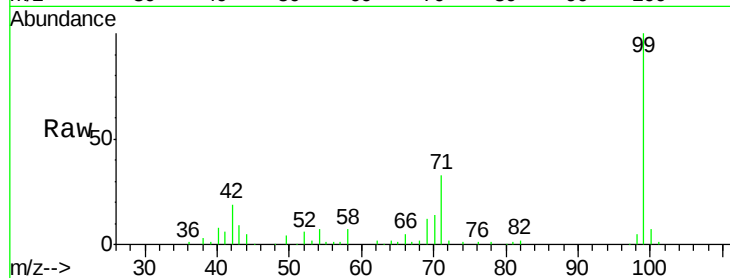
Tgt Ion: 99 Resp: 120717

Ion Ratio Lower Upper

99 100

42 19.2 14.8 22.2

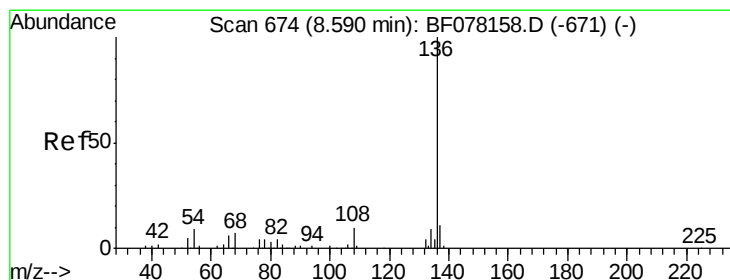
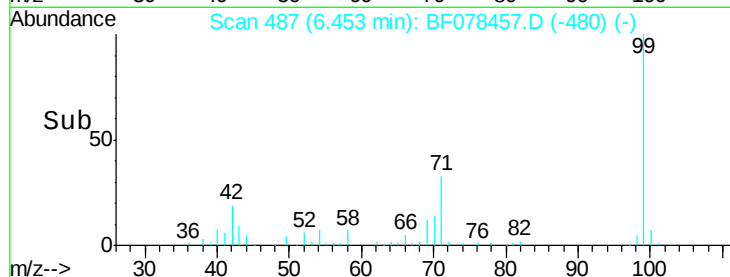
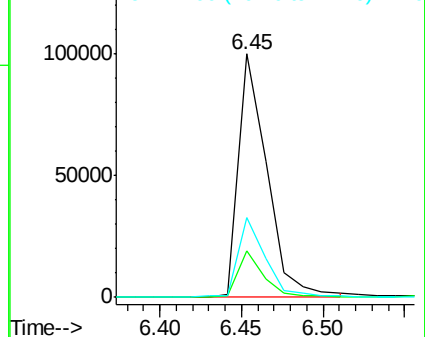
71 32.7 26.6 39.8



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: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

Tgt Ion: 136 Resp: 176954

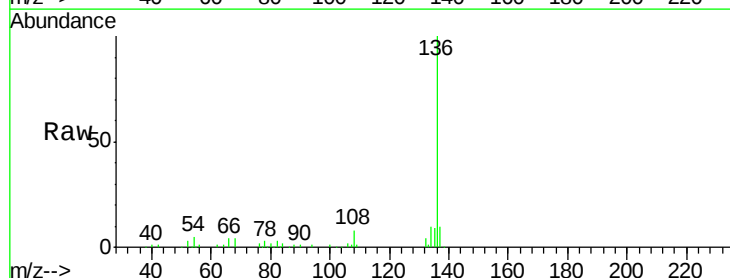
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 5.2 7.0 10.6#

68 4.5 5.4 8.2#

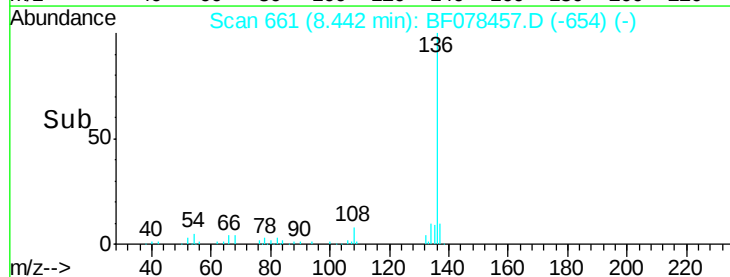
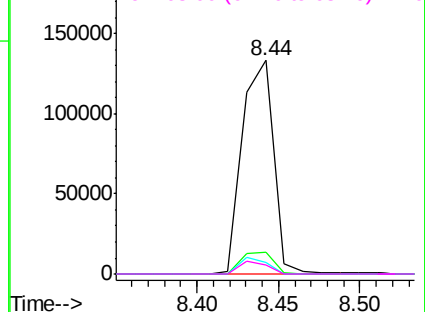


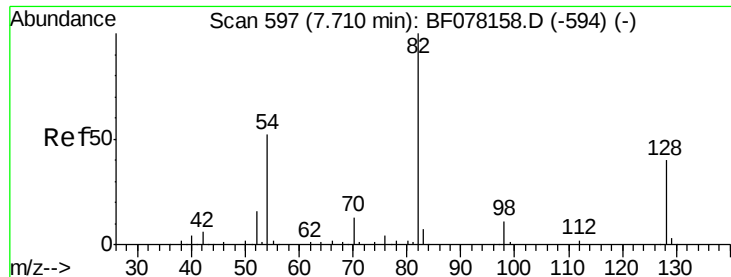
Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.58 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

Instrument :

BNA_F

ClientSampleId :

SB09(1)RE

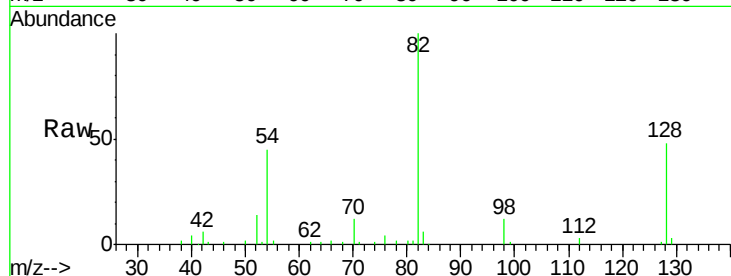
Tgt Ion: 82 Resp: 71766

Ion Ratio Lower Upper

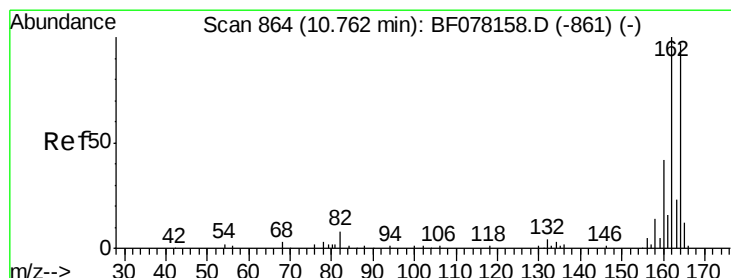
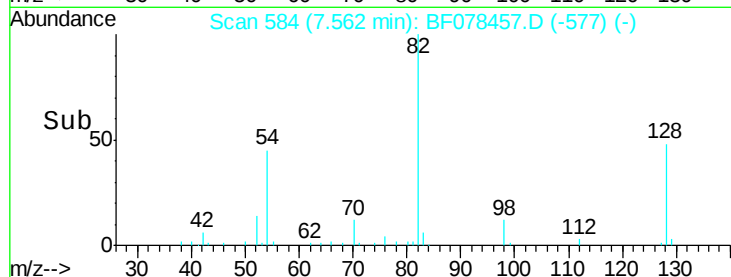
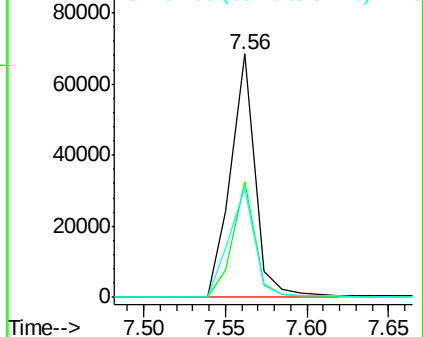
82 100

128 47.6 31.8 47.8

54 45.1 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: 10.59 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

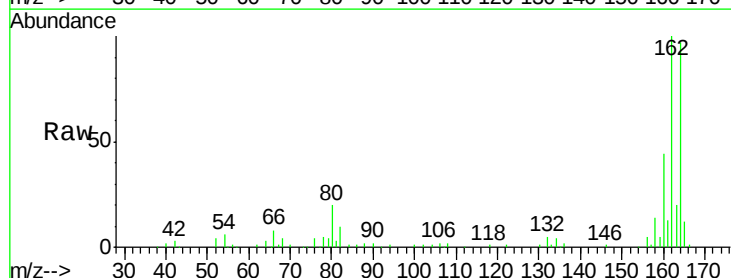
Tgt Ion: 164 Resp: 92920

Ion Ratio Lower Upper

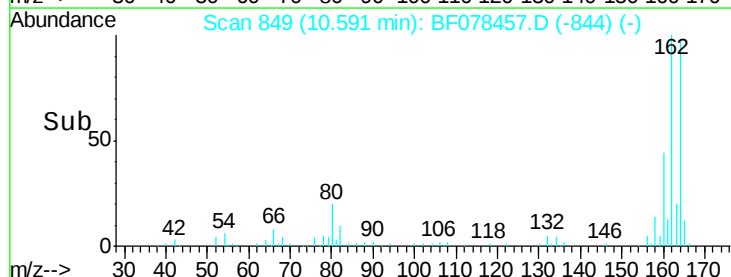
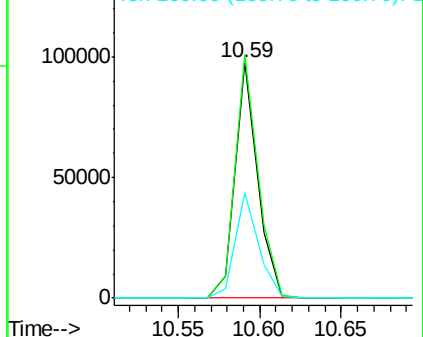
164 100

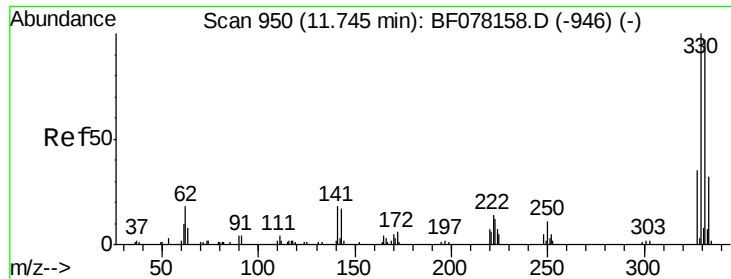
162 103.3 82.2 123.2

160 45.0 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

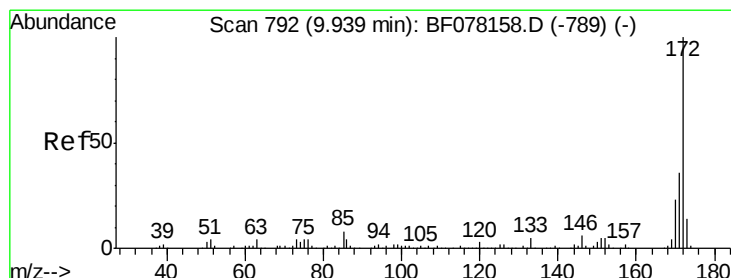
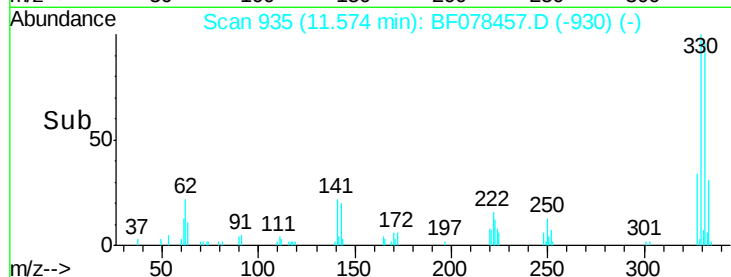
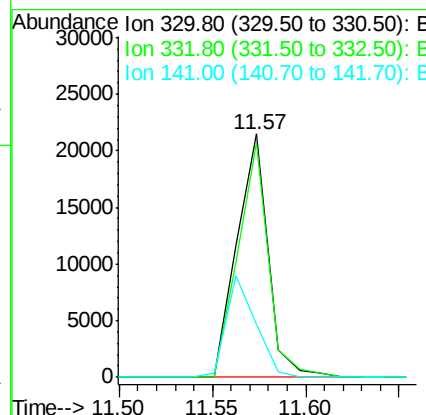
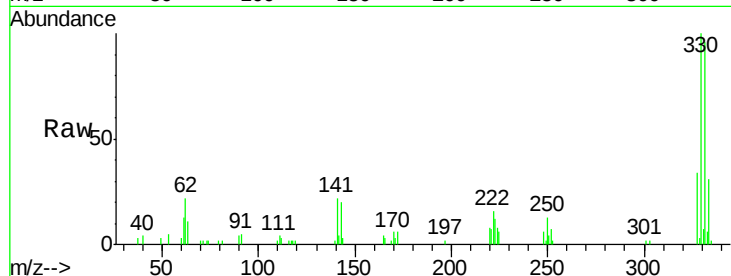




#41
 2,4,6-Tribromophenol
 Concen: 32.53 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF078457.D
 Acq: 11 Apr 2015 23:58

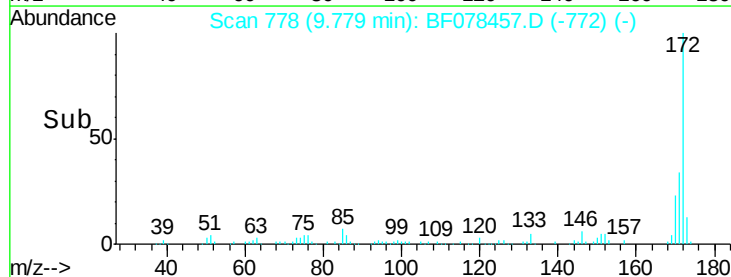
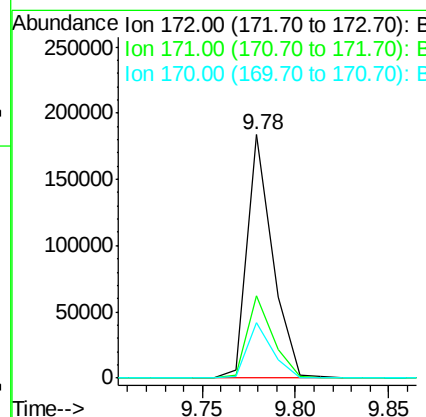
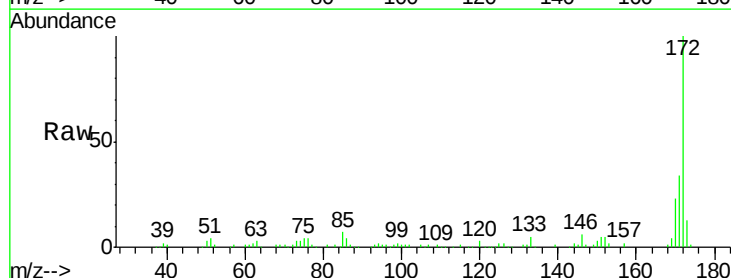
Instrument :
 BNA_F
 ClientSampleId :
 SB09(1)RE

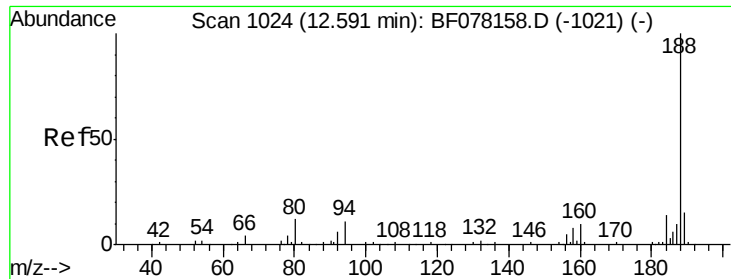
Tgt Ion:330 Resp: 25068
 Ion Ratio Lower Upper
 330 100
 332 94.0 78.6 117.8
 141 39.5 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 26.95 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078457.D
 Acq: 11 Apr 2015 23:58

Tgt Ion:172 Resp: 175219
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.6 42.8
 170 22.8 18.5 27.7

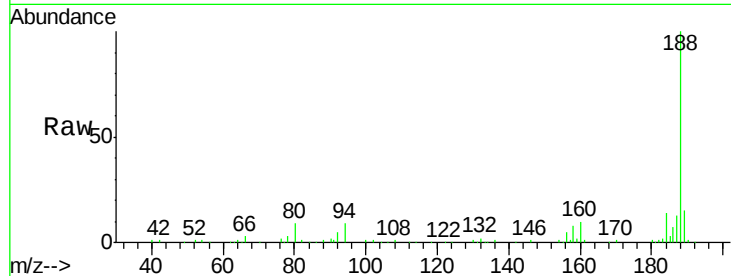




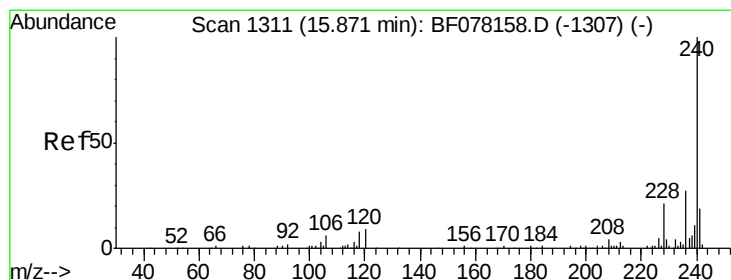
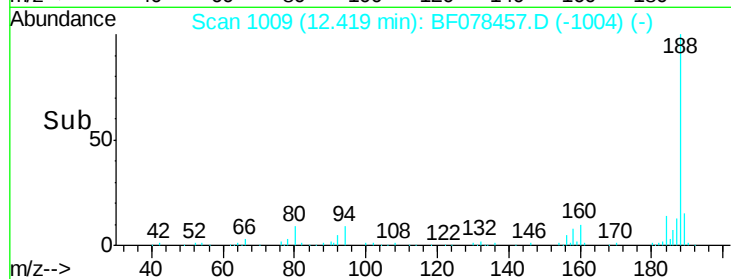
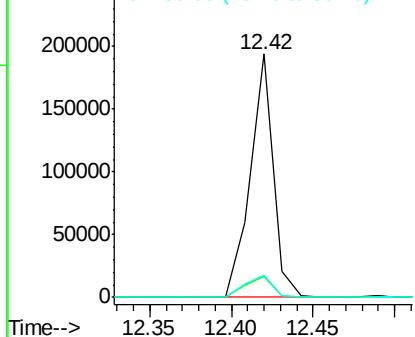
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078457.D
Acq: 11 Apr 2015 23:58

Instrument :
BNA_F
ClientSampleId :
SB09(1)RE

Tgt Ion:188 Resp: 190219
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 8.9 9.5 14.3#

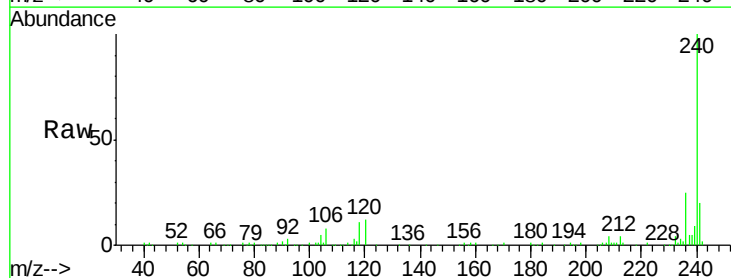


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

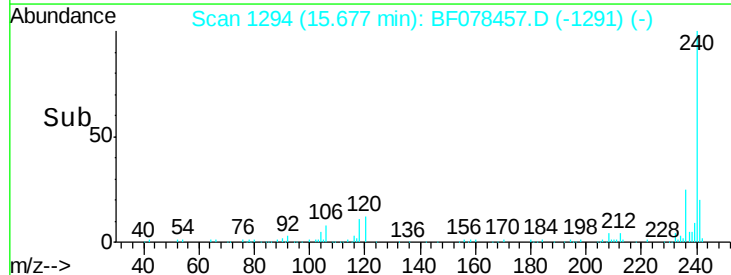
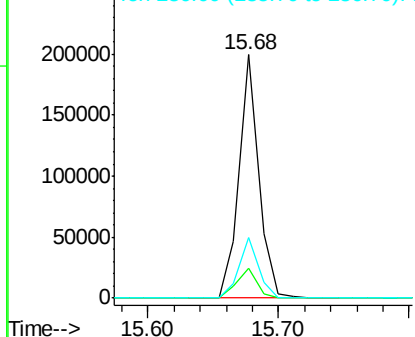


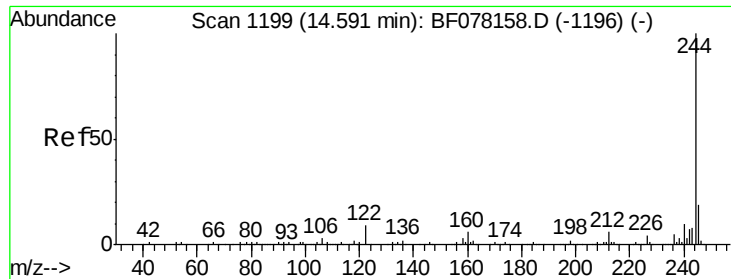
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF078457.D
Acq: 11 Apr 2015 23:58

Tgt Ion:240 Resp: 209078
Ion Ratio Lower Upper
240 100
120 12.0 7.1 10.7#
236 25.0 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: 24.49 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.06 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

Instrument :

BNA_F

ClientSampleId :

SB09(1)RE

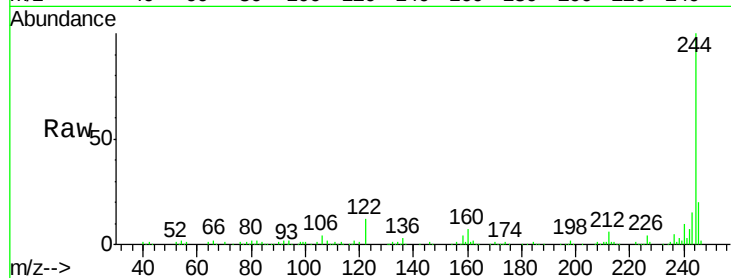
Tgt Ion:244 Resp: 226620

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

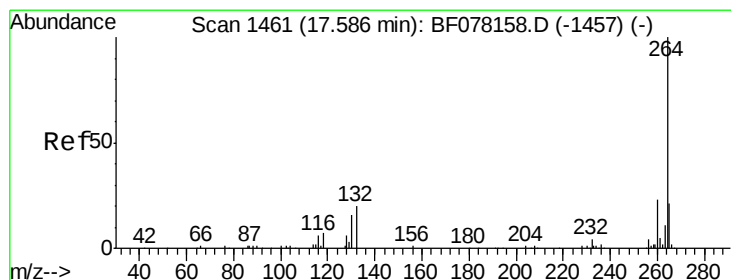
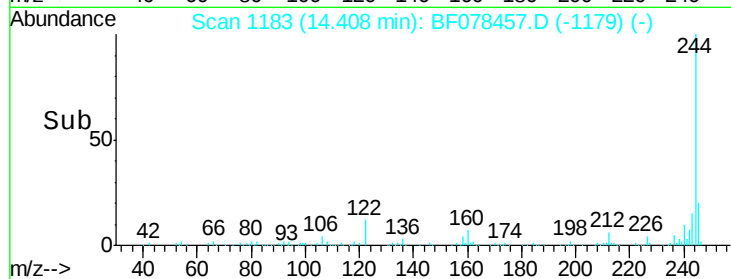
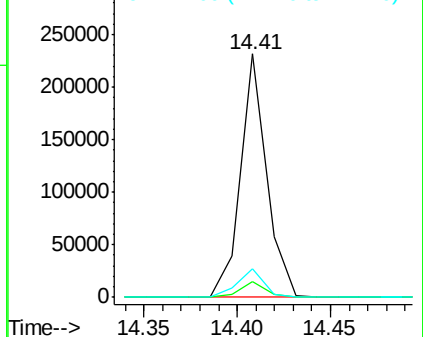
122 11.6 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.33 min Scan# 1439

Delta R.T. -0.13 min

Lab File: BF078457.D

Acq: 11 Apr 2015 23:58

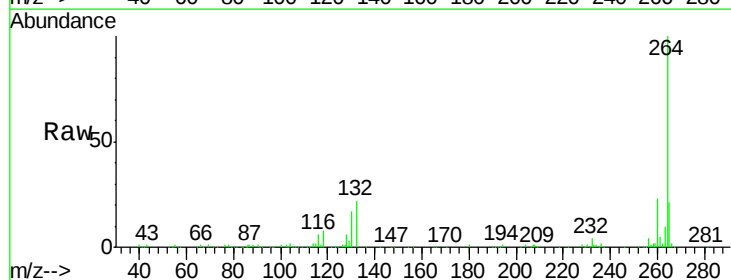
Tgt Ion:264 Resp: 201579

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.4 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

