

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078206.D
 Acq On : 2 Apr 2015 18:18
 Operator : TP/IZ
 Sample : G1710-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Apr 03 00:16:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	40151	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	167122	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82529	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	160975	20.00	ng	0.00
75) Chrysene-d12	15.86	240	168665	20.00	ng	-0.02
86) Perylene-d12	17.53	264	159468	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	107707	44.23	ng	0.01
7) Phenol-d6	6.60	99	86798	28.44	ng	0.00
23) Nitrobenzene-d5	7.71	82	194332	70.48	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	86312	126.10	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	433700	75.12	ng	0.00
78) Terphenyl-d14	14.59	244	572272	76.67	ng	0.00

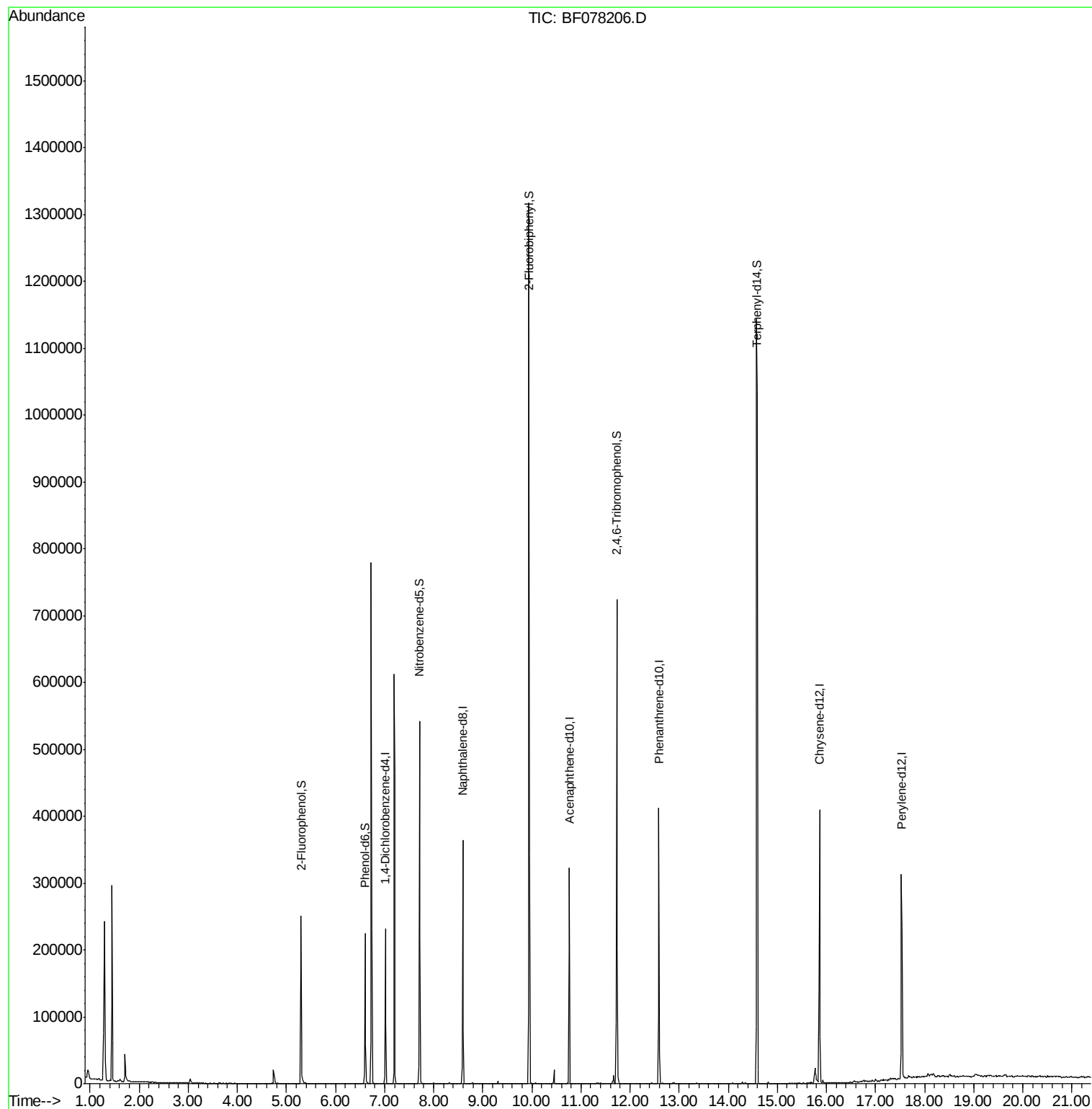
Target Compounds	Qvalue
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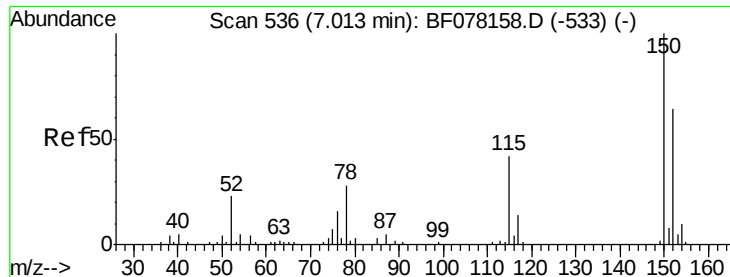
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

Instrument :

BNA_F

ClientSampleId :

W-13

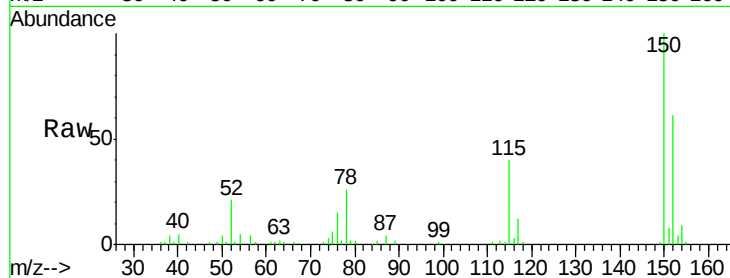
Tgt Ion:152 Resp: 40151

Ion Ratio Lower Upper

152 100

150 164.1 125.9 188.9

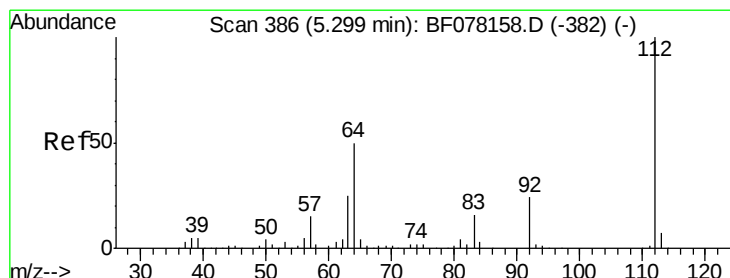
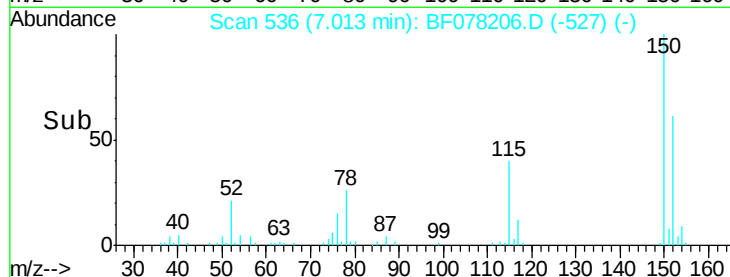
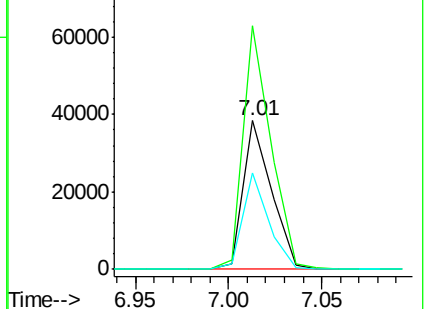
115 65.1 52.7 79.1



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: 44.23 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

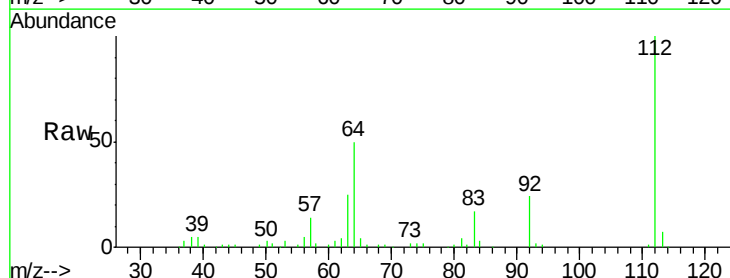
Tgt Ion:112 Resp: 107707

Ion Ratio Lower Upper

112 100

64 50.3 39.9 59.9

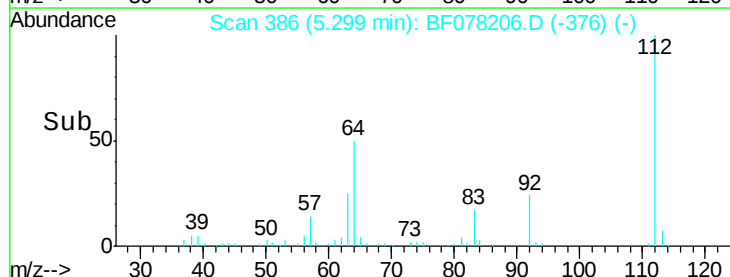
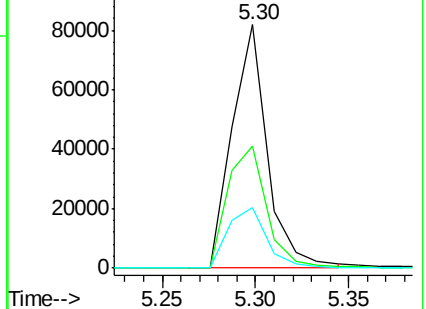
63 24.8 20.2 30.4

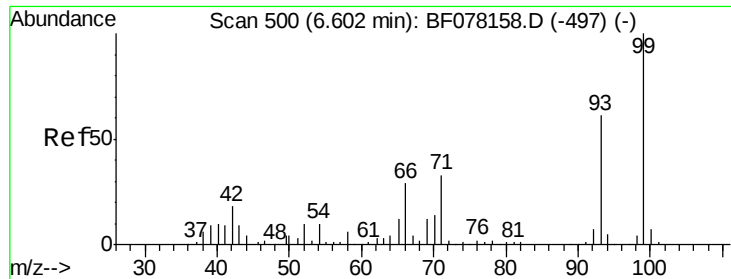


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.44 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

Instrument :

BNA_F

ClientSampleId :

W-13

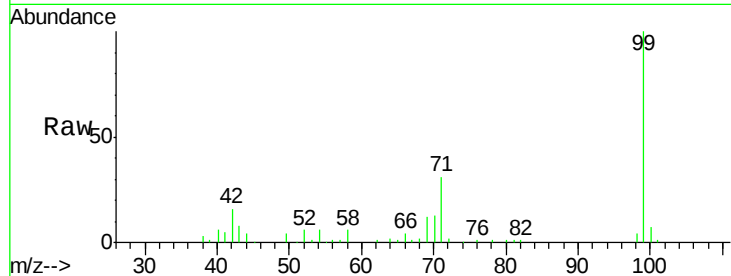
Tgt Ion: 99 Resp: 86798

Ion Ratio Lower Upper

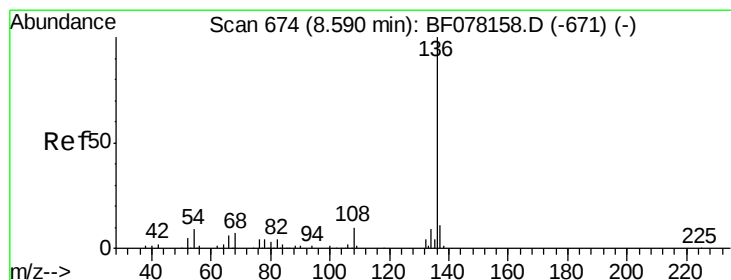
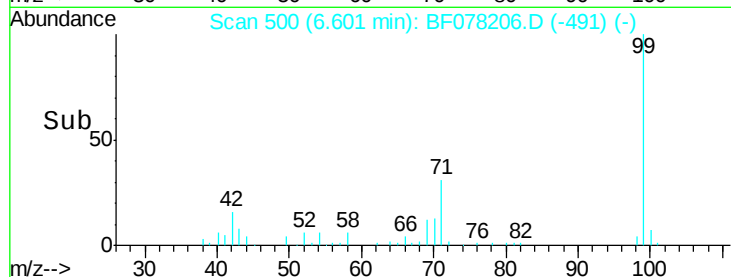
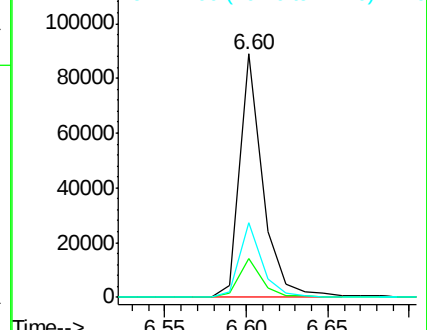
99 100

42 16.0 14.8 22.2

71 30.9 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: 8.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

Tgt Ion: 136 Resp: 167122

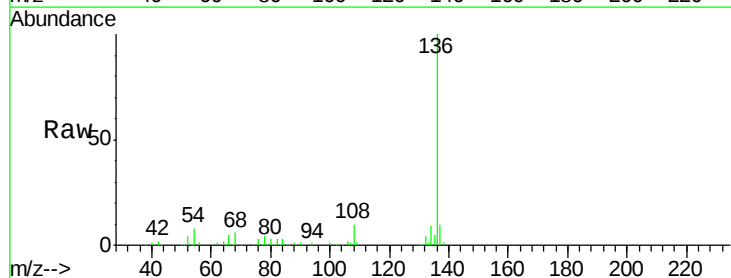
Ion Ratio Lower Upper

136 100

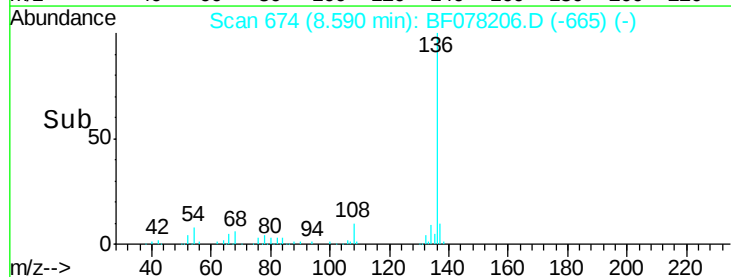
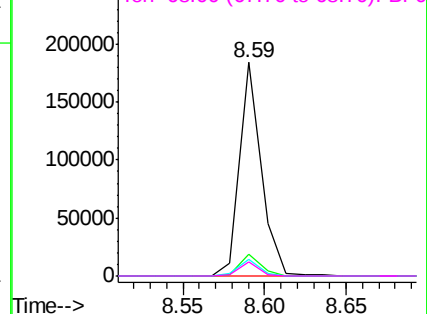
137 10.4 9.0 13.4

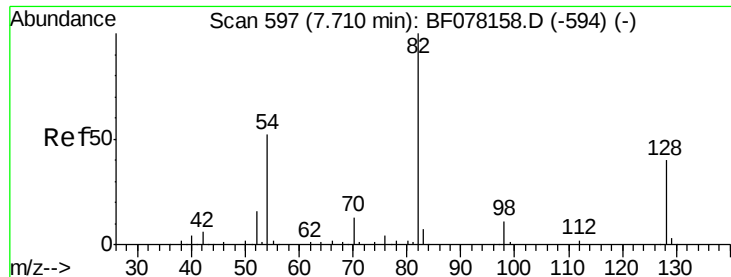
54 7.7 7.0 10.6

68 6.4 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

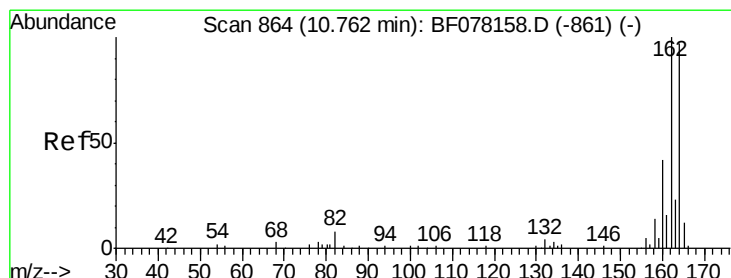
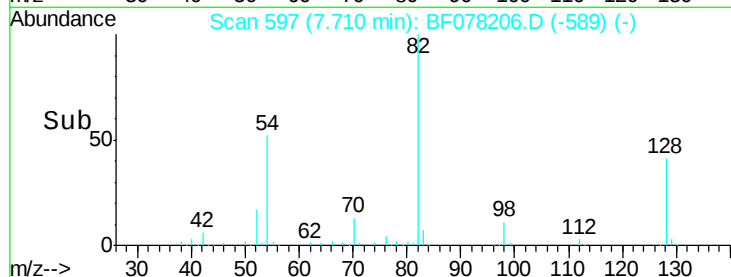
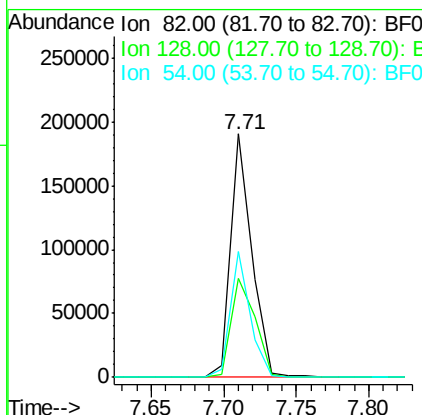
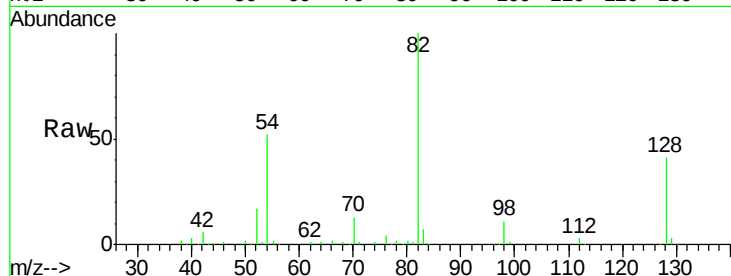




#23
 Nitrobenzene-d5
 Concen: 70.48 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078206.D
 Acq: 2 Apr 2015 18:18

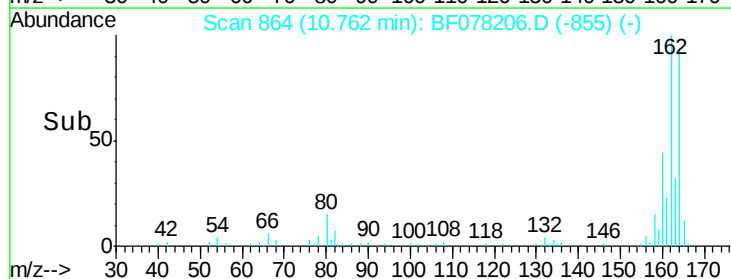
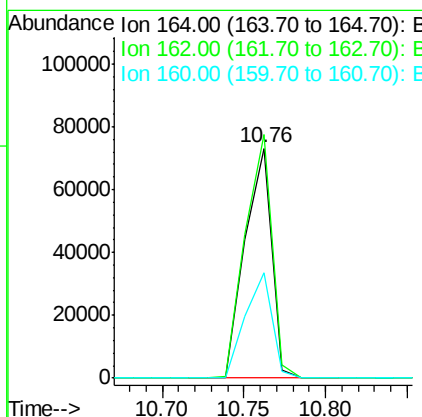
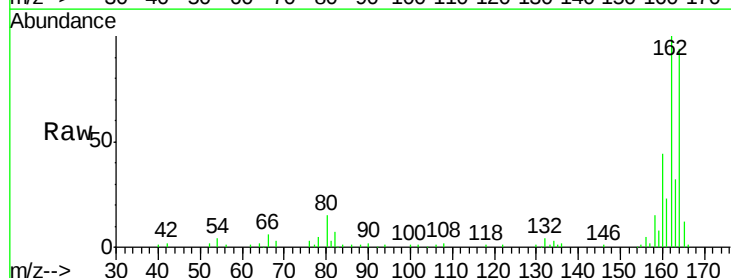
Instrument :
 BNA_F
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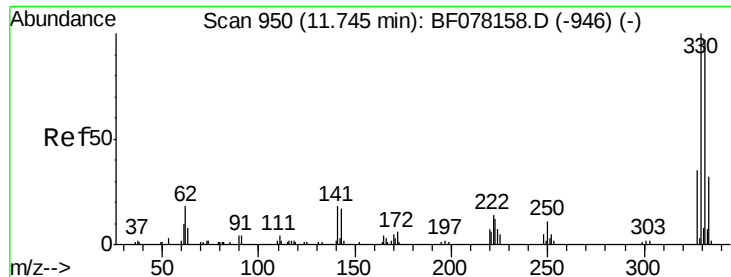
Tgt Ion: 82 Resp: 194332
 Ion Ratio Lower Upper
 82 100
 128 40.7 31.8 47.8
 54 51.7 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078206.D
 Acq: 2 Apr 2015 18:18

Tgt Ion: 164 Resp: 82529
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.2 123.2
 160 46.1 34.7 52.1

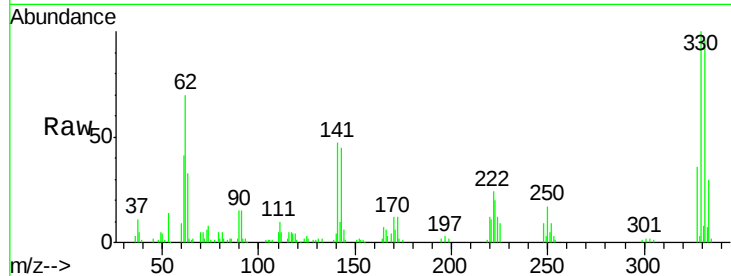




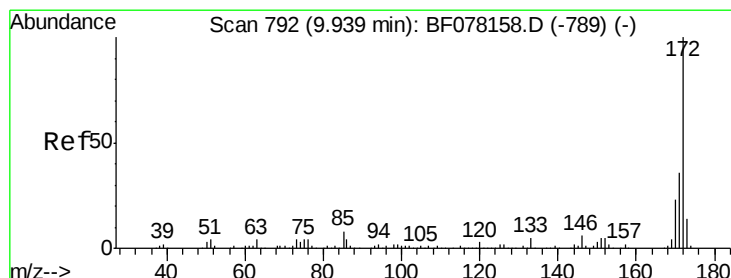
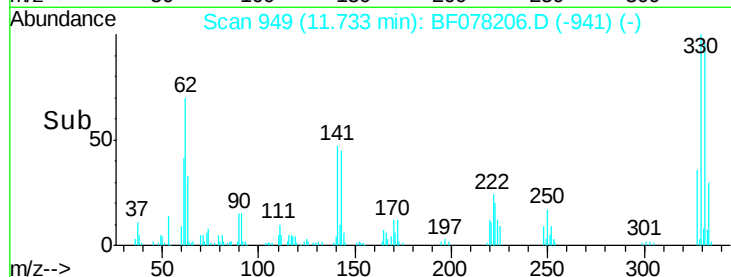
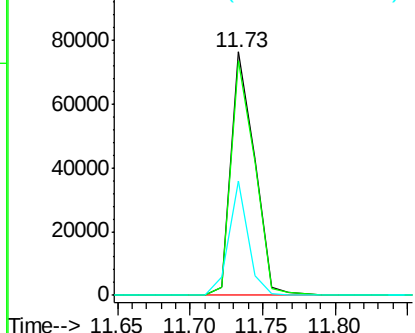
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078206.D
 Acq: 2 Apr 2015 18:18

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tgt Ion:330 Resp: 86312
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 117.8
 141 38.7 31.2 46.8

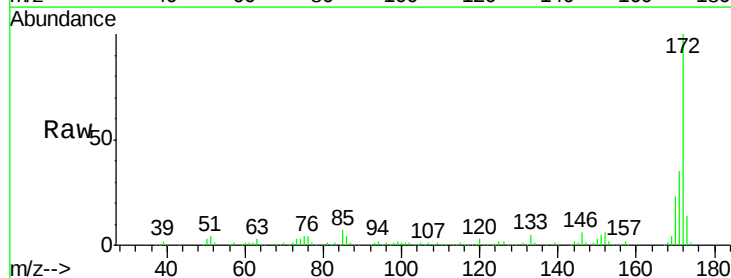


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

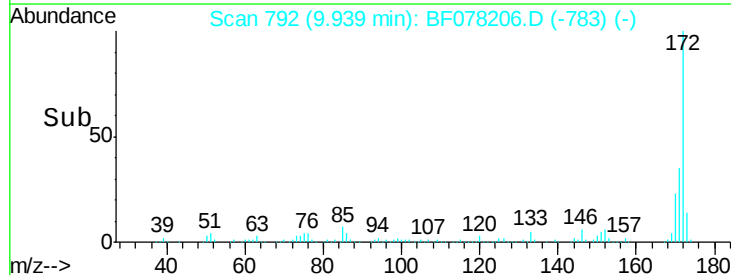
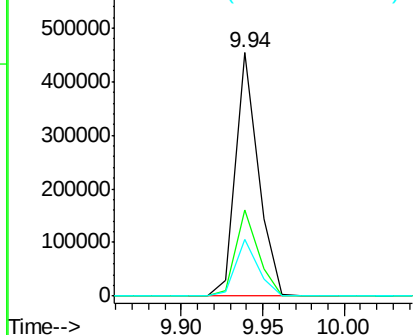


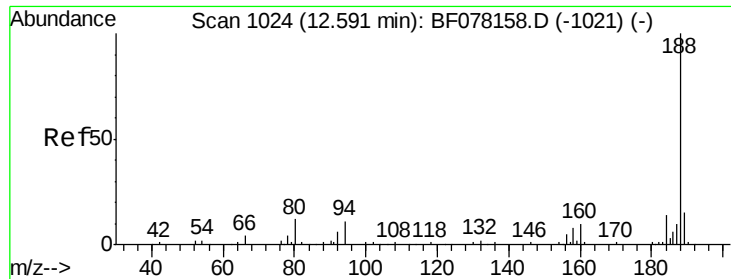
#44
 2-Fluorobiphenyl
 Concen: 75.12 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF078206.D
 Acq: 2 Apr 2015 18:18

Tgt Ion:172 Resp: 433700
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.2 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

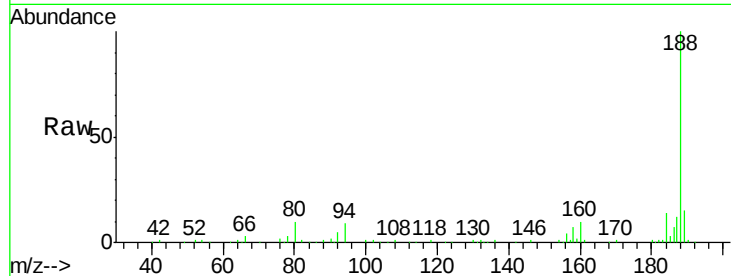




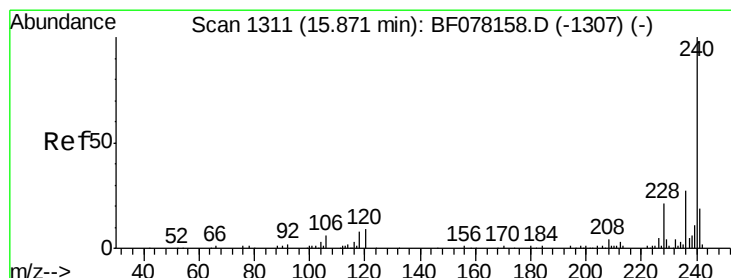
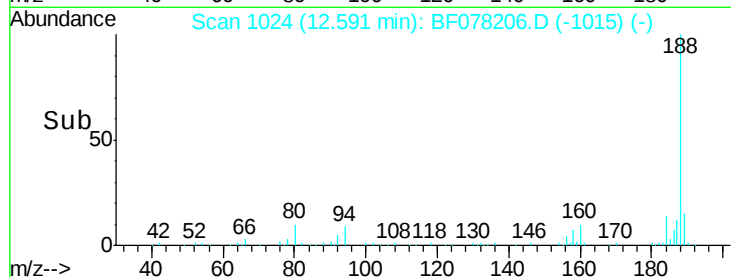
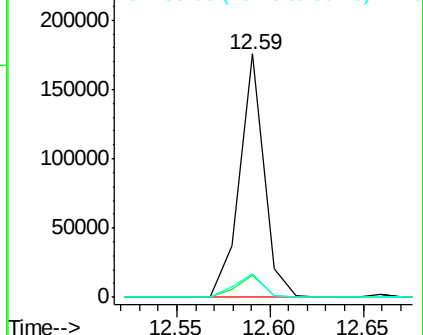
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF078206.D
Acq: 2 Apr 2015 18:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 160975
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.6 9.5 14.3

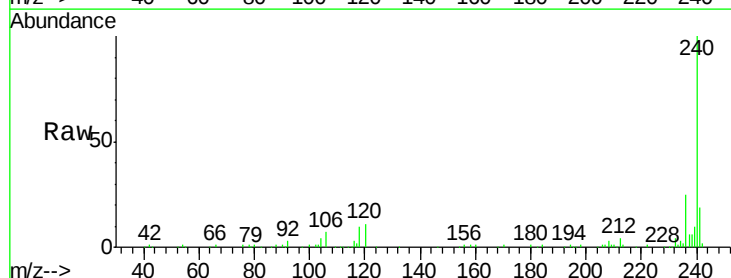


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

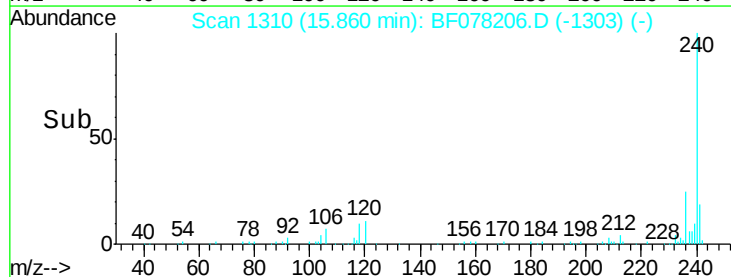
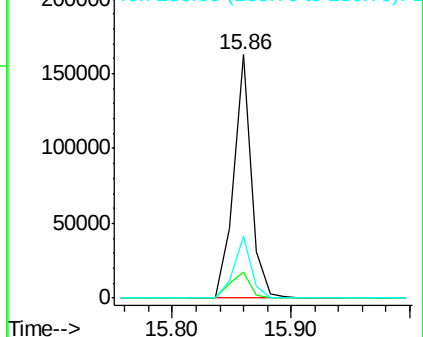


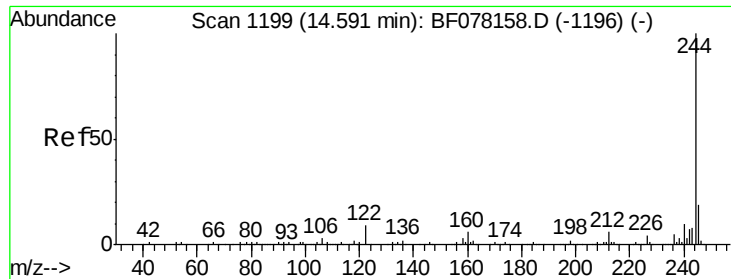
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078206.D
Acq: 2 Apr 2015 18:18

Tgt Ion:240 Resp: 168665
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 25.2 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: 76.67 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

Instrument :

BNA_F

ClientSampleId :

W-13

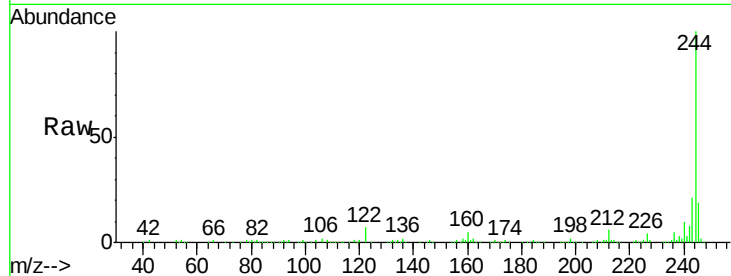
Tgt Ion:244 Resp: 572272

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

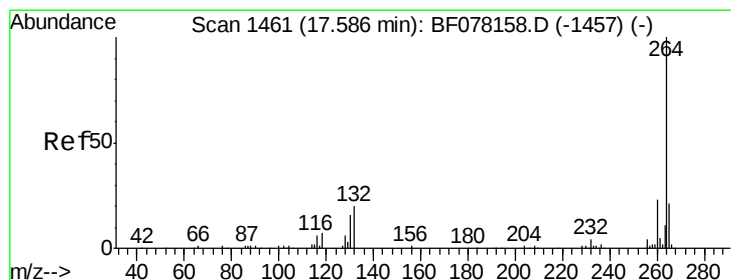
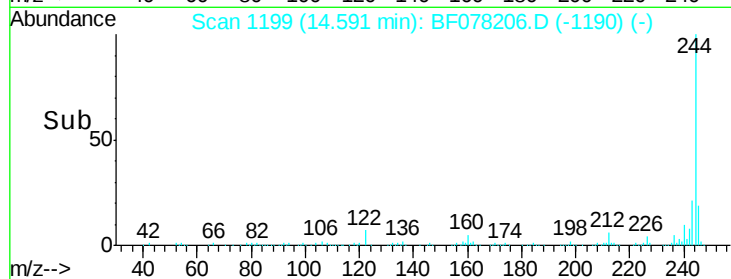
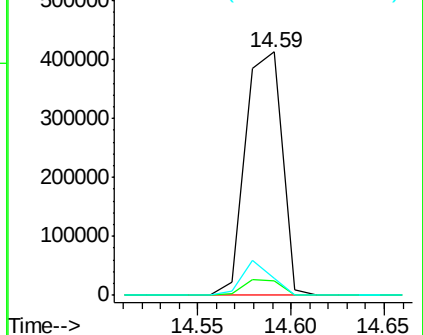
122 7.1 7.1 10.7#



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: 17.53 min Scan# 1456

Delta R.T. -0.14 min

Lab File: BF078206.D

Acq: 2 Apr 2015 18:18

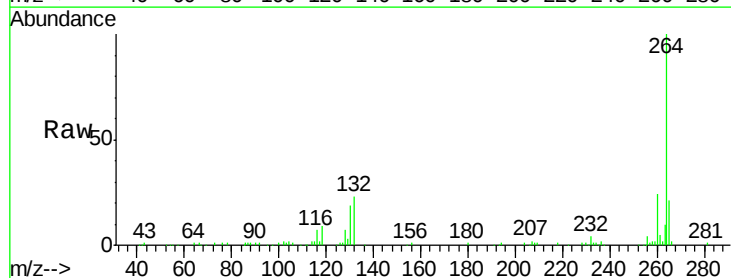
Tgt Ion:264 Resp: 159468

Ion Ratio Lower Upper

264 100

260 23.6 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

