

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078210.D
 Acq On : 2 Apr 2015 20:13
 Operator : TP/IZ
 Sample : G1710-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Apr 03 00:17:57 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	41485	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	167802	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82377	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	163693	20.00	ng	0.00
75) Chrysene-d12	15.86	240	165460	20.00	ng	-0.02
86) Perylene-d12	17.57	264	160794	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	119262	47.40	ng	0.01
7) Phenol-d6	6.60	99	90505	28.70	ng	0.00
23) Nitrobenzene-d5	7.71	82	221318	79.94	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	90148	131.95	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	476791	82.73	ng	0.00
78) Terphenyl-d14	14.58	244	546265	74.60	ng	-0.01

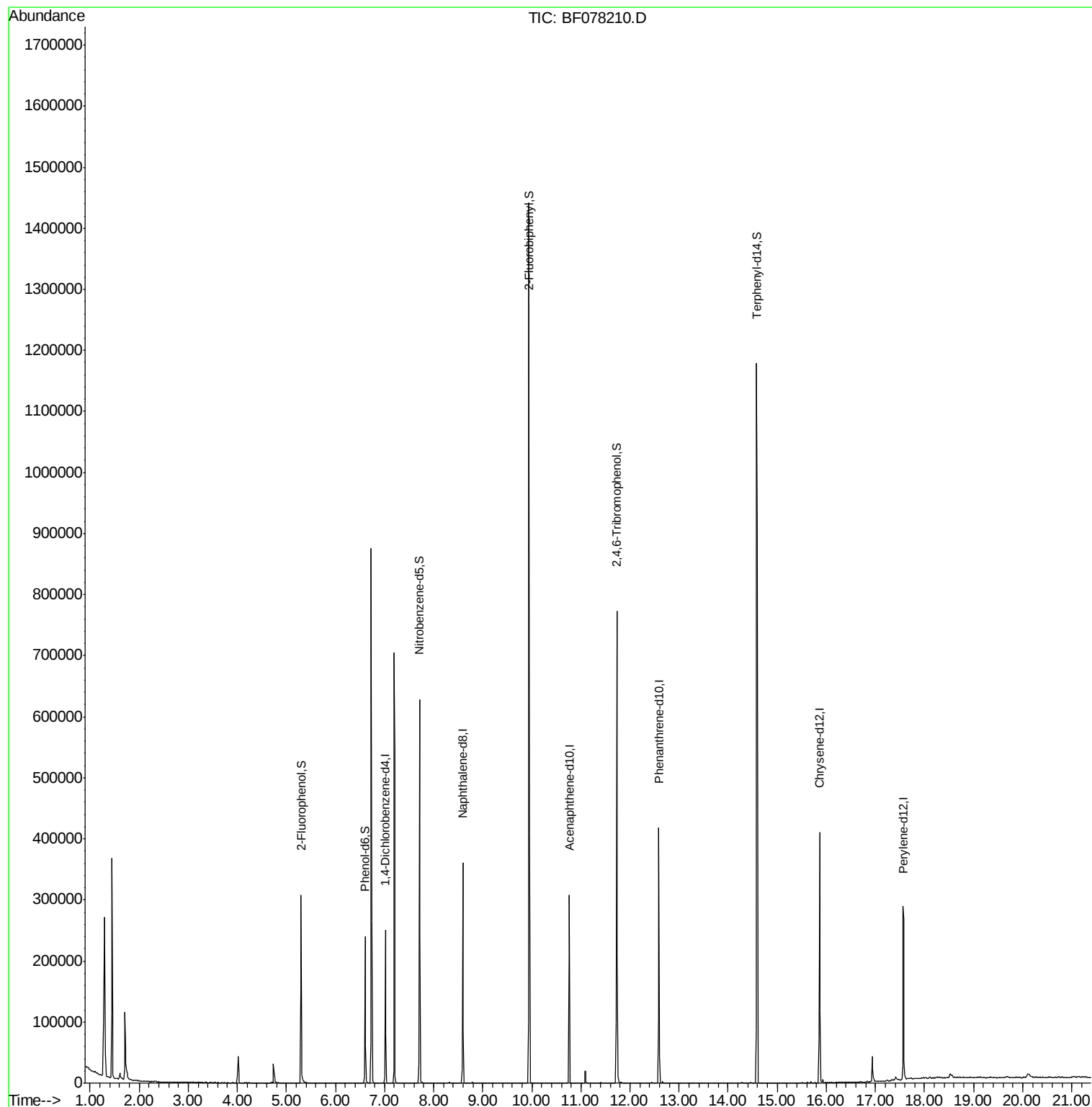
Target Compounds	Qvalue
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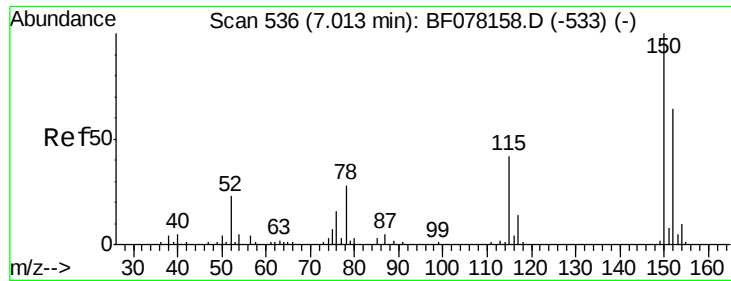
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078210.D

Acq: 2 Apr 2015 20:13

Instrument :

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ClientSampleId :

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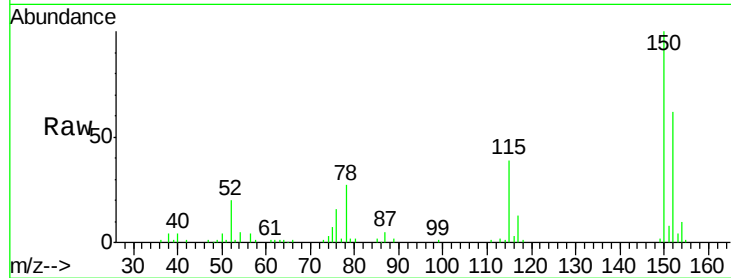
Tgt Ion:152 Resp: 41485

Ion Ratio Lower Upper

152 100

150 160.7 125.9 188.9

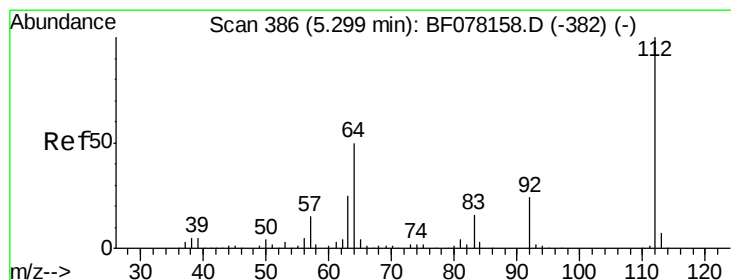
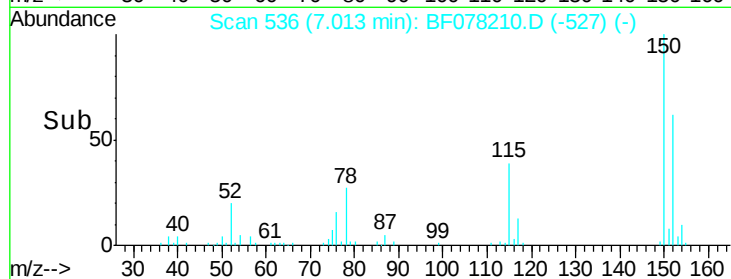
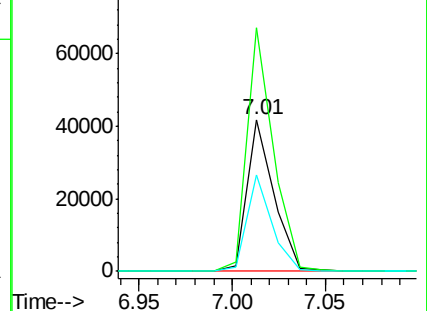
115 63.4 52.7 79.1



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: 47.40 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078210.D

Acq: 2 Apr 2015 20:13

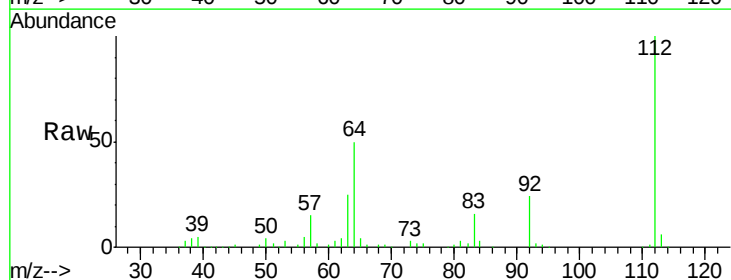
Tgt Ion:112 Resp: 119262

Ion Ratio Lower Upper

112 100

64 50.1 39.9 59.9

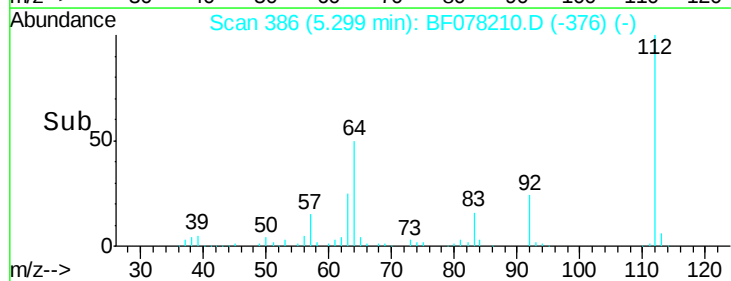
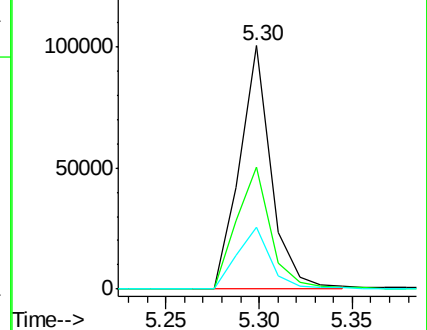
63 25.3 20.2 30.4



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: 28.70 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078210.D

Acq: 2 Apr 2015 20:13

Instrument :

BNA_F

ClientSampleId :

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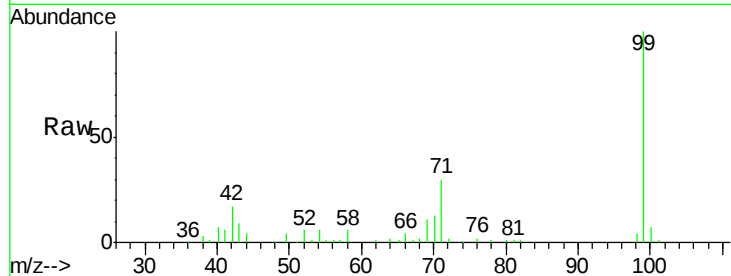
Tgt Ion: 99 Resp: 90505

Ion Ratio Lower Upper

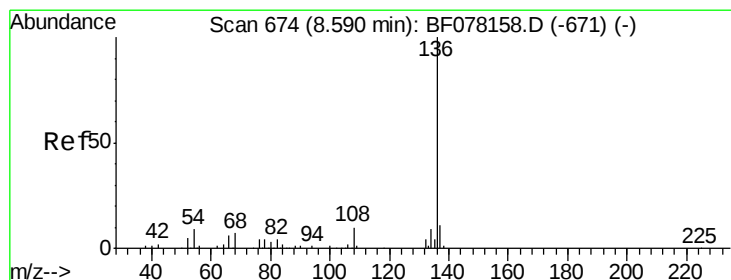
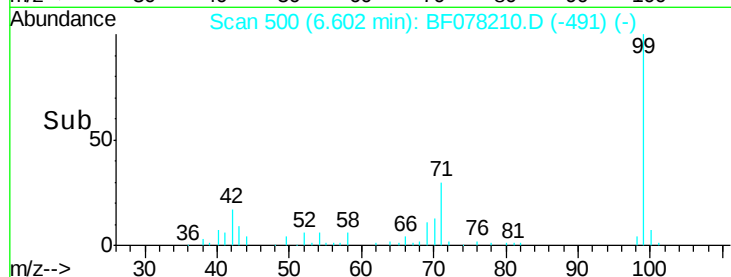
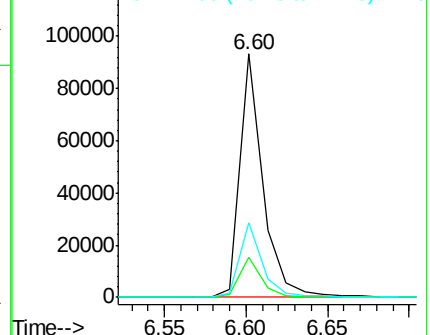
99 100

42 16.5 14.8 22.2

71 30.5 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: BF078210.D

Acq: 2 Apr 2015 20:13

Tgt Ion: 136 Resp: 167802

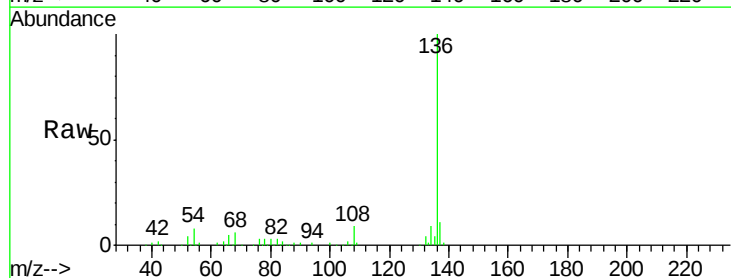
Ion Ratio Lower Upper

136 100

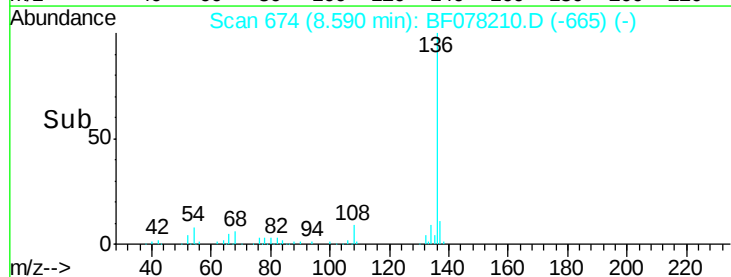
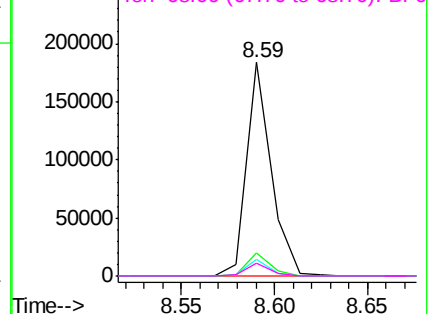
137 10.9 9.0 13.4

54 7.8 7.0 10.6

68 6.1 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: 79.94 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078210.D

Acq: 2 Apr 2015 20:13

Instrument :

BNA_F

ClientSampleId :

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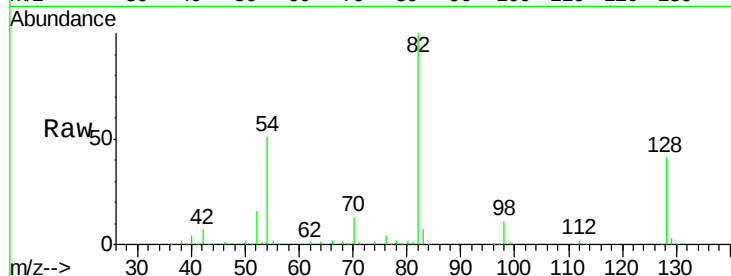
Tgt Ion: 82 Resp: 221318

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.8

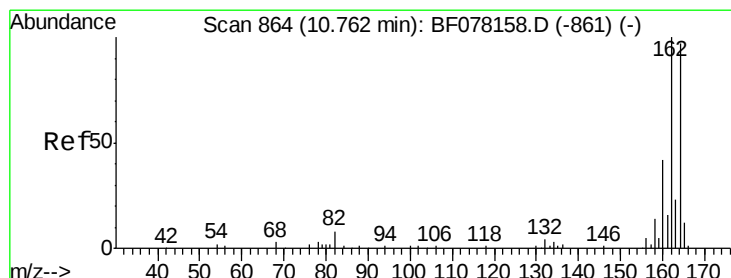
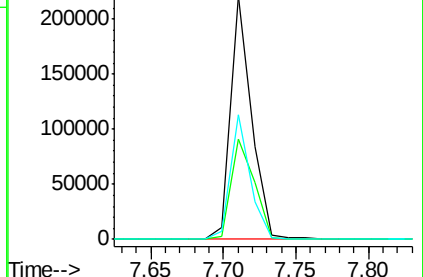
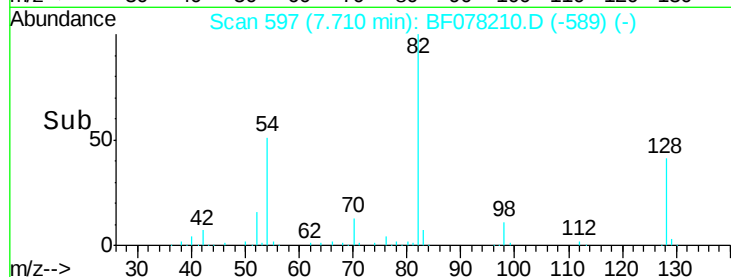
54 51.2 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078210.D (-589) (-)

Ion 128.00 (127.70 to 128.70): BF078210.D (-589) (-)

Ion 54.00 (53.70 to 54.70): BF078210.D (-589) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078210.D

Acq: 2 Apr 2015 20:13

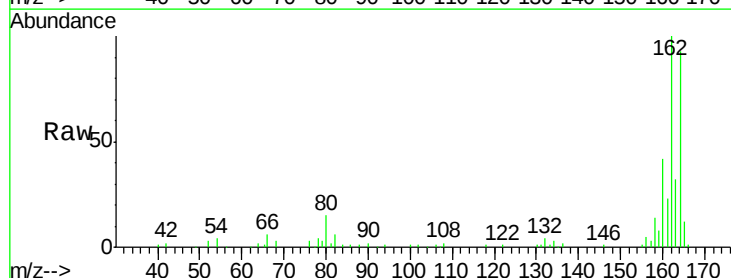
Tgt Ion: 164 Resp: 82377

Ion Ratio Lower Upper

164 100

162 107.0 82.2 123.2

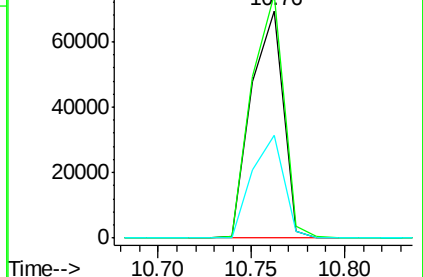
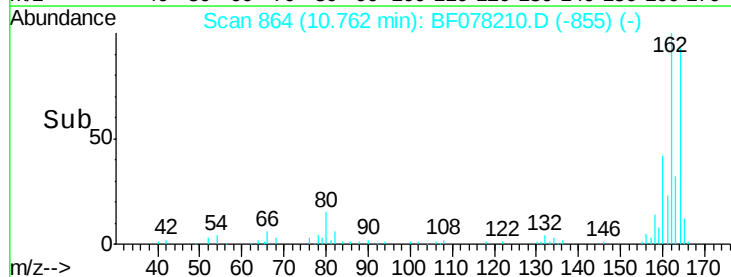
160 45.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078210.D (-855) (-)

Ion 162.00 (161.70 to 162.70): BF078210.D (-855) (-)

Ion 160.00 (159.70 to 160.70): BF078210.D (-855) (-)

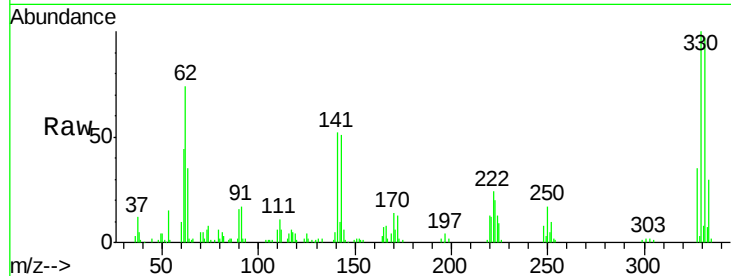




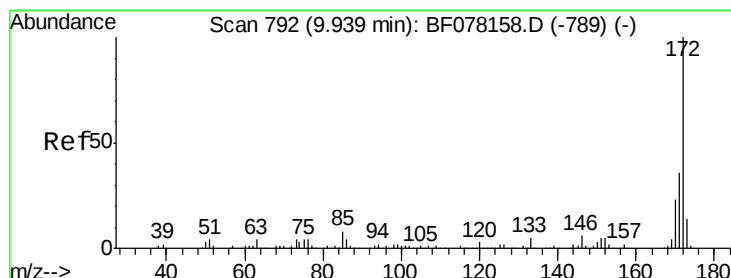
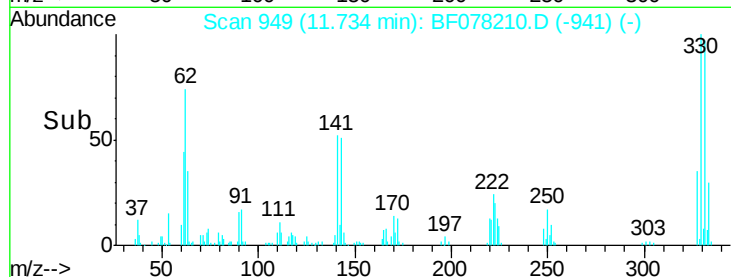
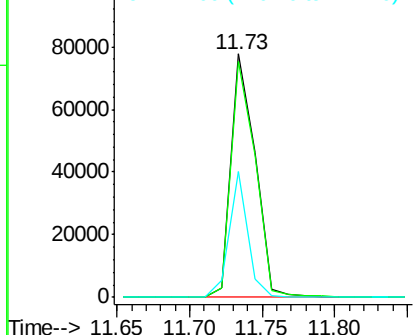
#41
 2,4,6-Tribromophenol
 Concen: 131.95 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078210.D
 Acq: 2 Apr 2015 20:13

Instrument :
 BNA_F
 ClientSampled :
 W-17

Tgt Ion:330 Resp: 90148
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.6 117.8
 141 40.1 31.2 46.8

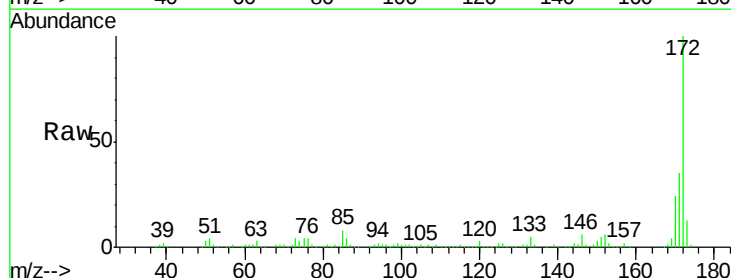


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

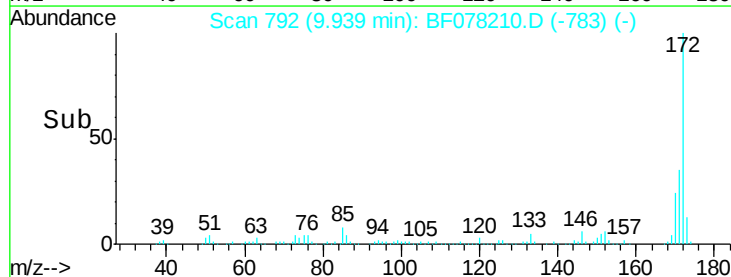
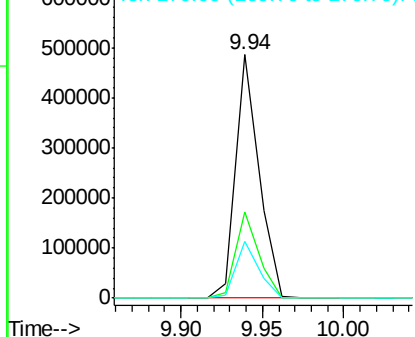


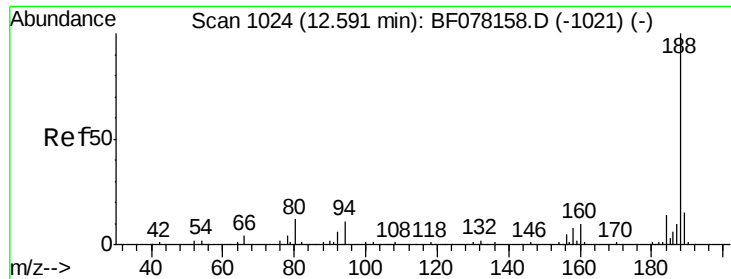
#44
 2-Fluorobiphenyl
 Concen: 82.73 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078210.D
 Acq: 2 Apr 2015 20:13

Tgt Ion:172 Resp: 476791
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.5 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

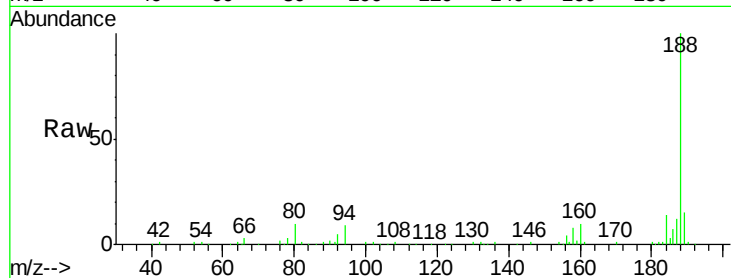




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078210.D
Acq: 2 Apr 2015 20:13

Instrument :
BNA_F
ClientSampleId :
W-17

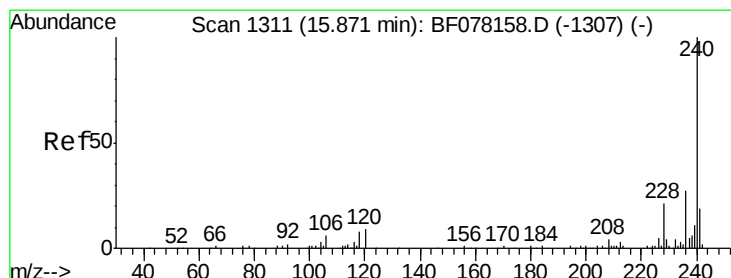
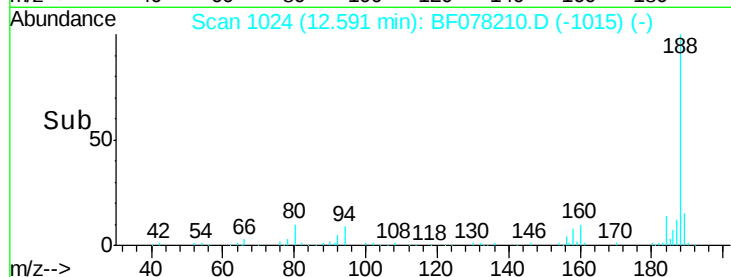
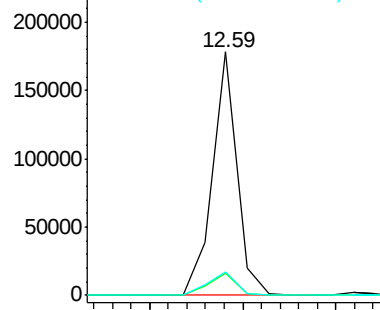
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	163693		
94	9.1		9.0	13.4
80	9.7		9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

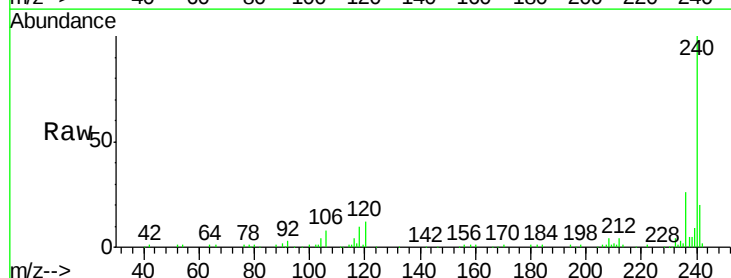
Ion 94.00 (93.70 to 94.70): BF0

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: BF078210.D
Acq: 2 Apr 2015 20:13

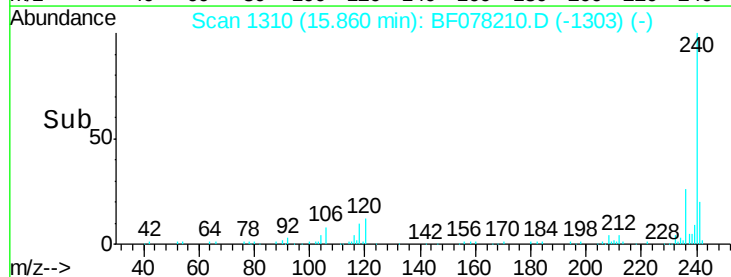
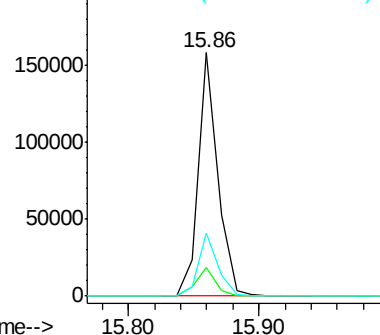
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165460		
120	11.8		7.1	10.7#
236	25.8		21.4	32.2



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

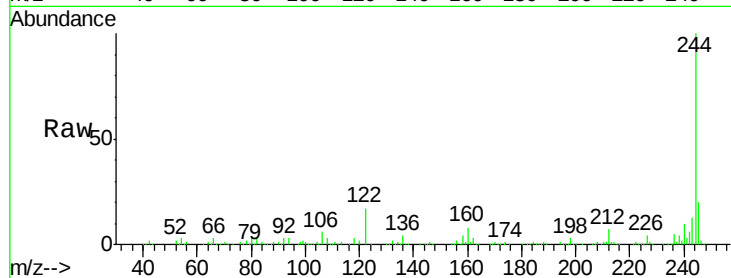




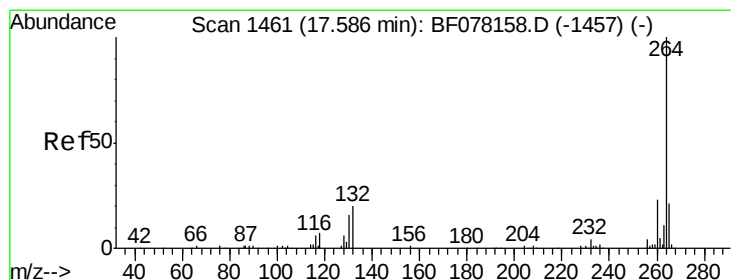
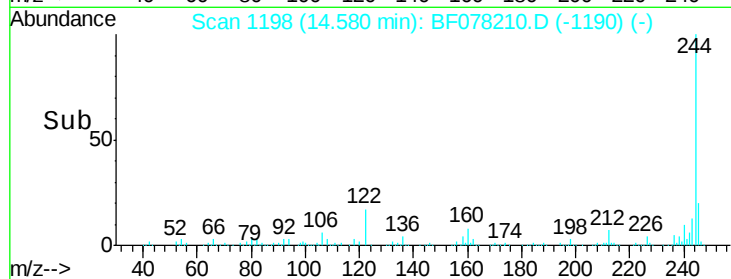
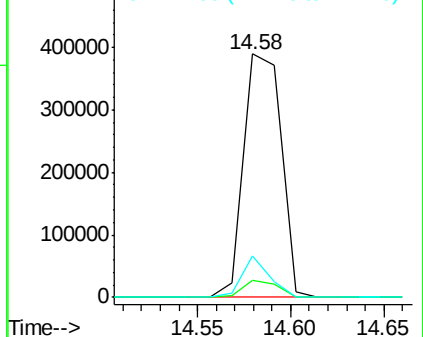
#78
 Terphenyl-d14
 Concen: 74.60 ng
 RT: 14.58 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF078210.D
 Acq: 2 Apr 2015 20:13

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 546265
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 16.7 7.1 10.7#

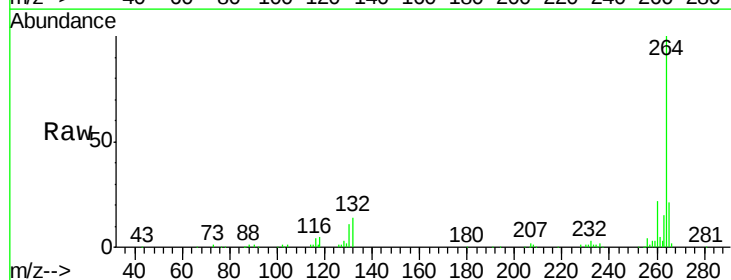


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.09 min
 Lab File: BF078210.D
 Acq: 2 Apr 2015 20:13

Tgt Ion:264 Resp: 160794
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 21.0 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

