

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078450.D
 Acq On : 11 Apr 2015 20:38
 Operator : TP/IZ
 Sample : G1787-22
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Quant Time: Apr 13 05:54:38 2015
 Quant Method : Y:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 05:33:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	26134	20.00	ng	0.00
21) Naphthalene-d8	8.44	136	112135	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	58450	20.00	ng	-0.01
63) Phenanthrene-d10	12.42	188	119998	20.00	ng	0.00
75) Chrysene-d12	15.69	240	134949	20.00	ng	0.00
86) Perylene-d12	17.44	264	132260	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	178174	112.41	ng	0.00
7) Phenol-d6	6.45	99	209197	105.31	ng	-0.01
23) Nitrobenzene-d5	7.56	82	153430	82.93	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	66043	136.24	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	345694	84.54	ng	-0.01
78) Terphenyl-d14	14.42	244	453992	76.02	ng	0.00

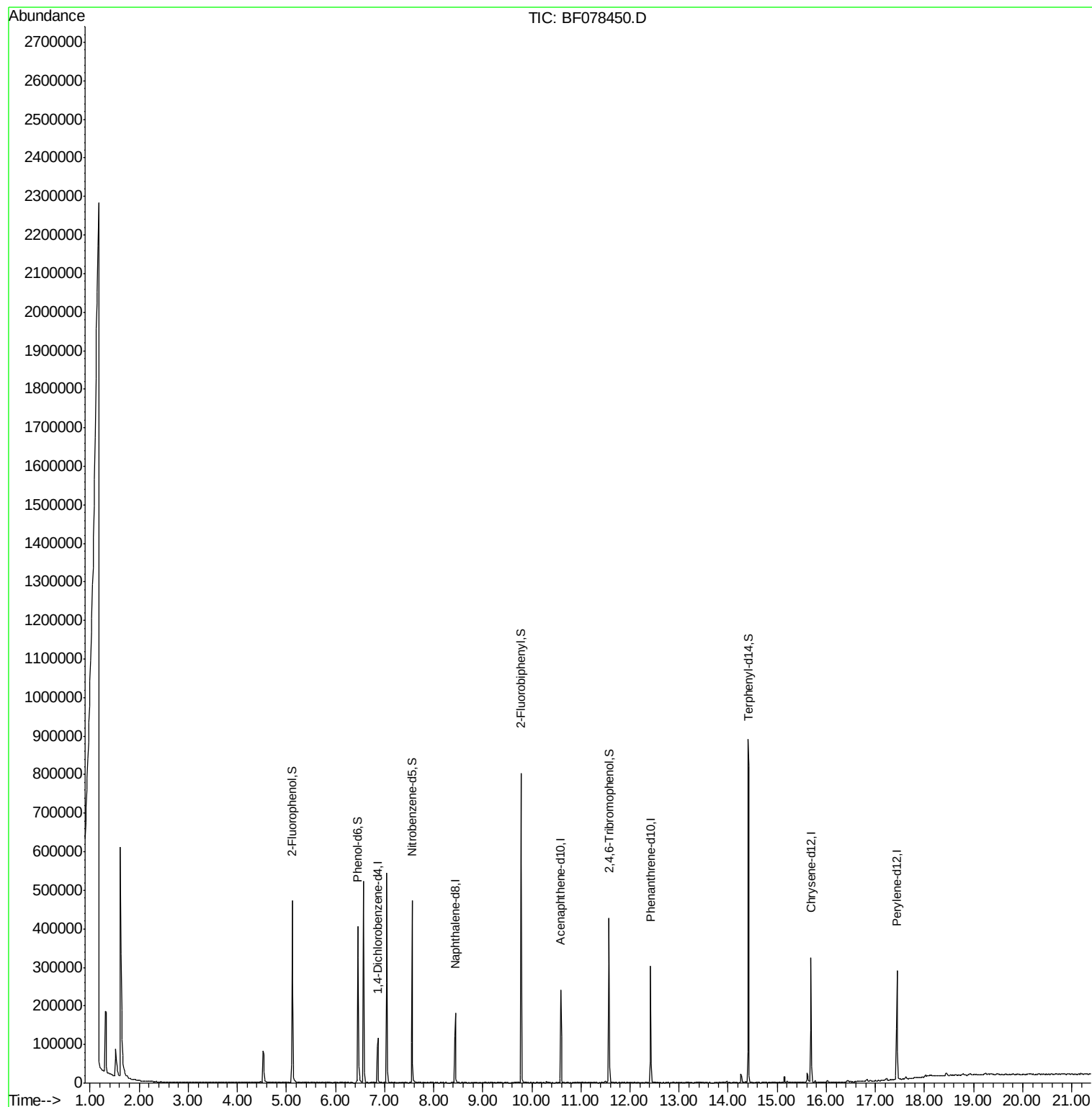
Target Compounds	Qvalue
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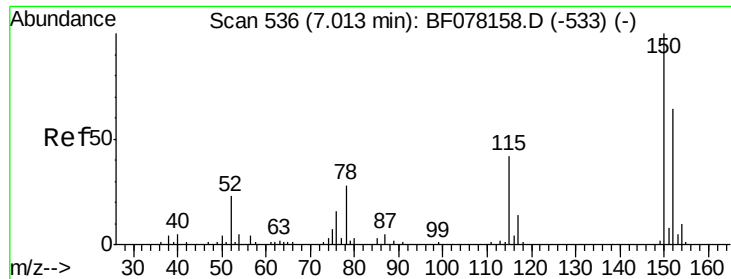
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

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ClientSampleId :

LS-SD03B

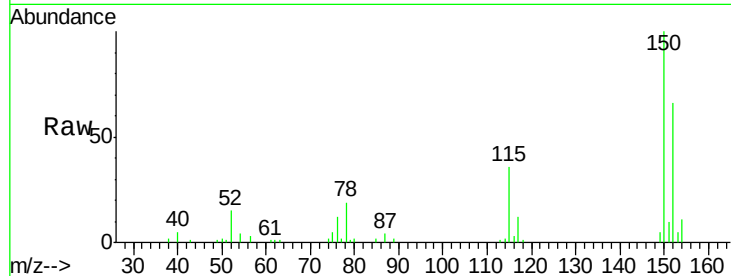
Tgt Ion:152 Resp: 26134

Ion Ratio Lower Upper

152 100

150 150.8 125.9 188.9

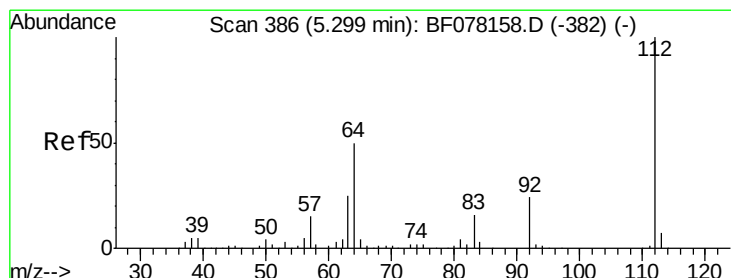
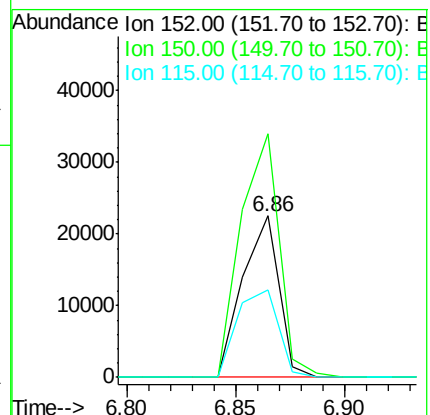
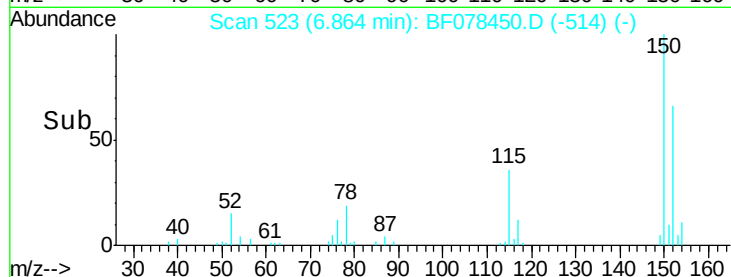
115 53.8 52.7 79.1



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: 112.41 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

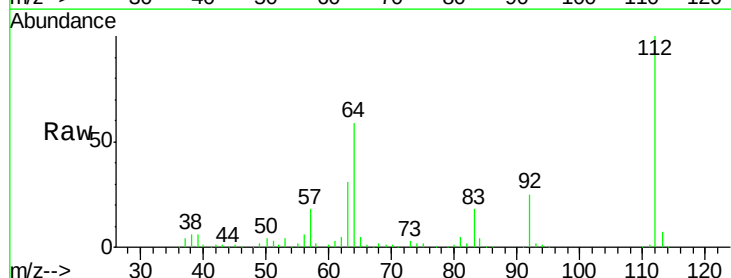
Tgt Ion:112 Resp: 178174

Ion Ratio Lower Upper

112 100

64 59.1 39.9 59.9

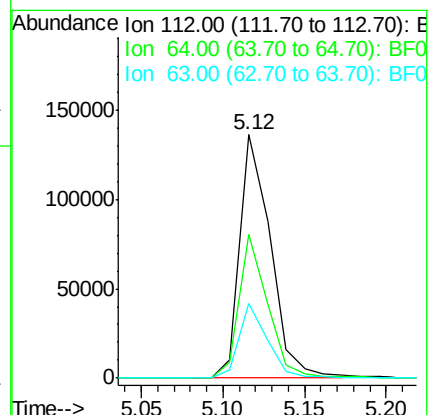
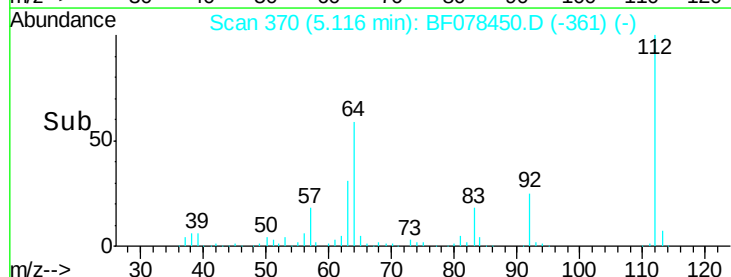
63 30.6 20.2 30.4#

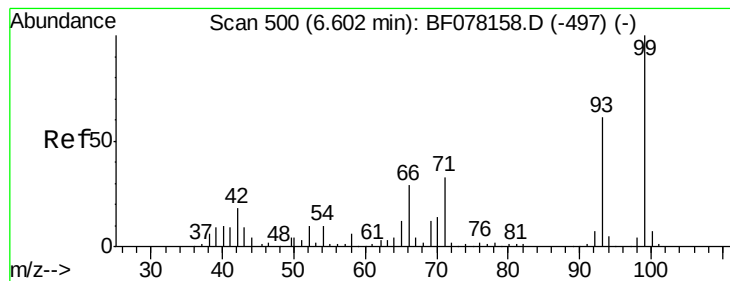


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.31 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

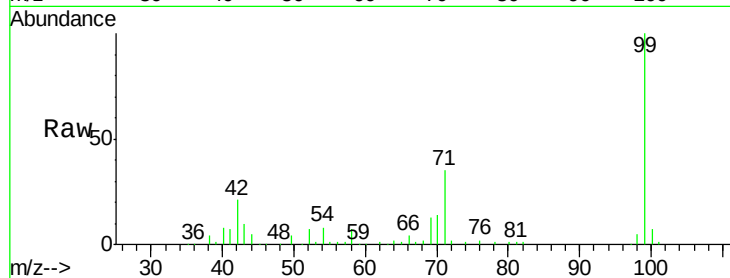
Tgt Ion: 99 Resp: 209197

Ion Ratio Lower Upper

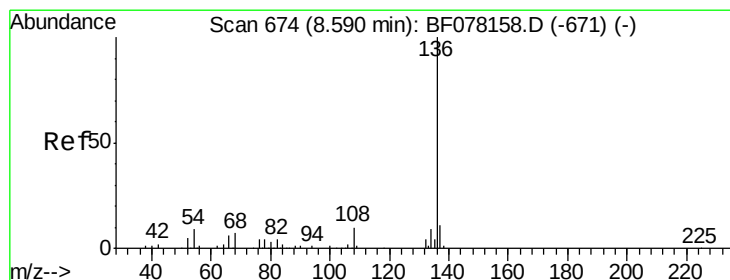
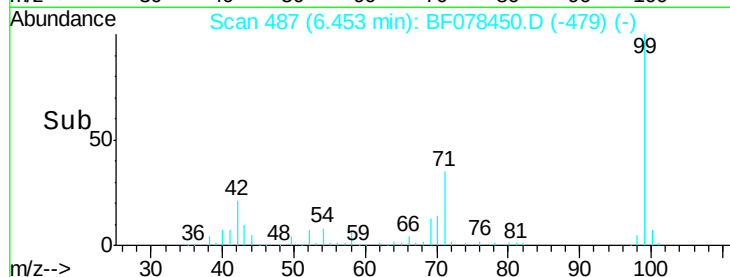
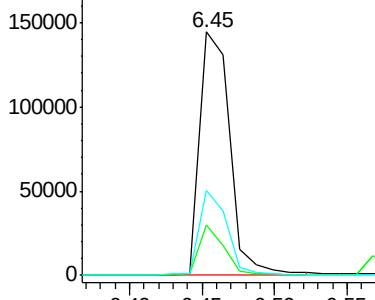
99 100

42 20.5 14.8 22.2

71 34.8 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

Tgt Ion: 136 Resp: 112135

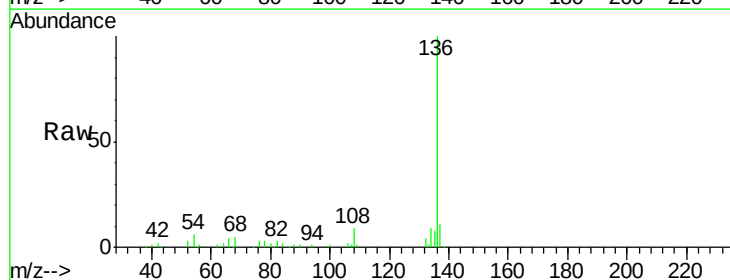
Ion Ratio Lower Upper

136 100

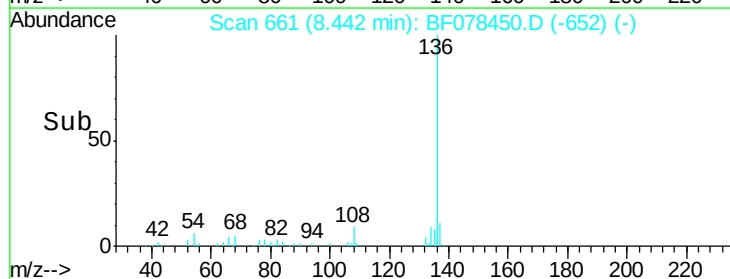
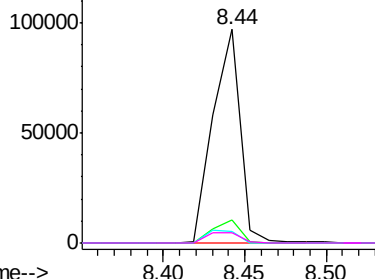
137 10.8 9.0 13.4

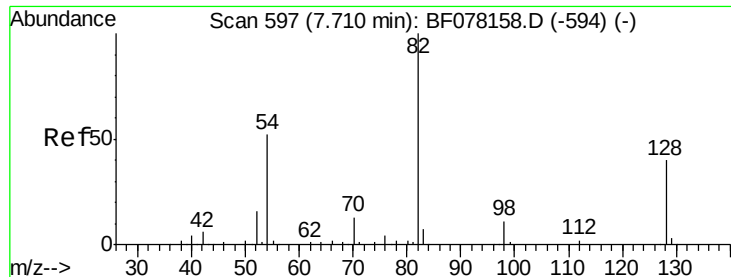
54 5.6 7.0 10.6#

68 4.9 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: 82.93 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

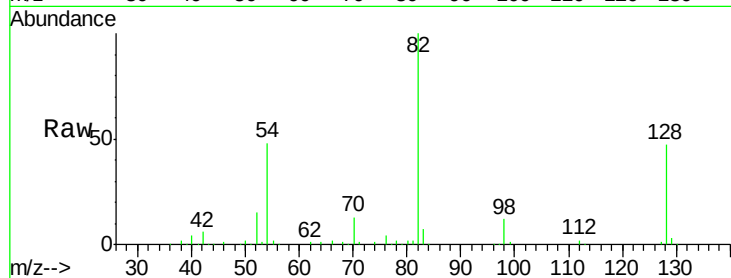
Tgt Ion: 82 Resp: 153430

Ion Ratio Lower Upper

82 100

128 47.4 31.8 47.8

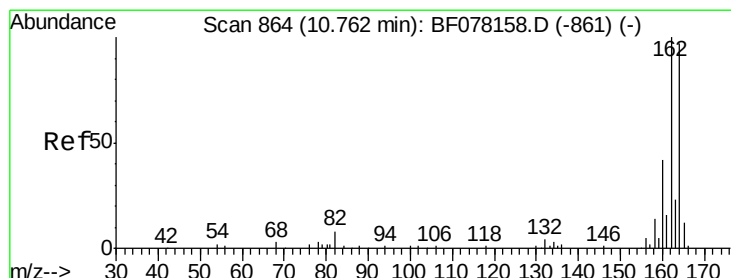
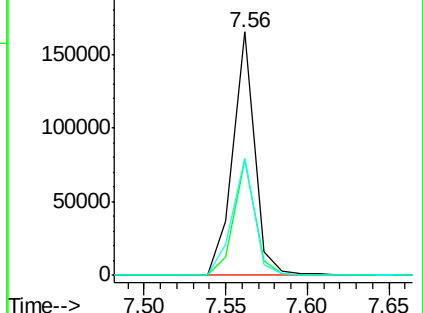
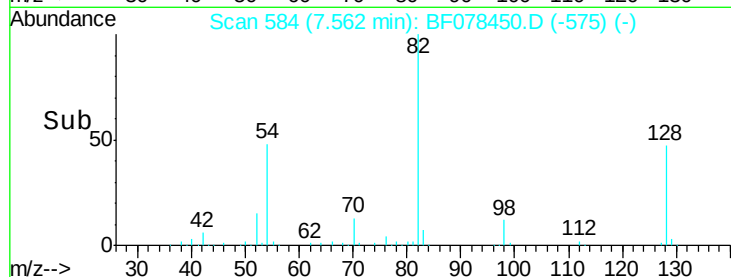
54 48.2 41.5 62.3



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. -0.01 min

Lab File: BF078450.D

Acq: 11 Apr 2015 20:38

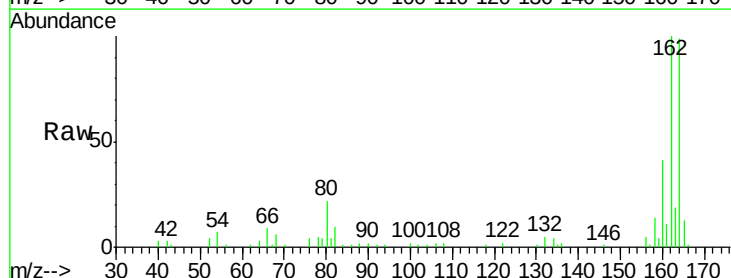
Tgt Ion: 164 Resp: 58450

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

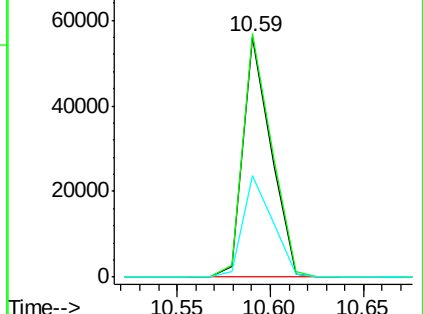
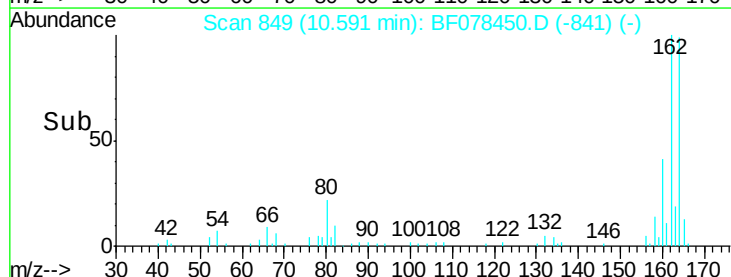
160 42.1 34.7 52.1

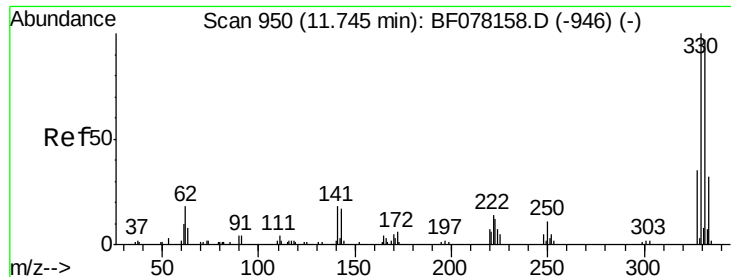


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

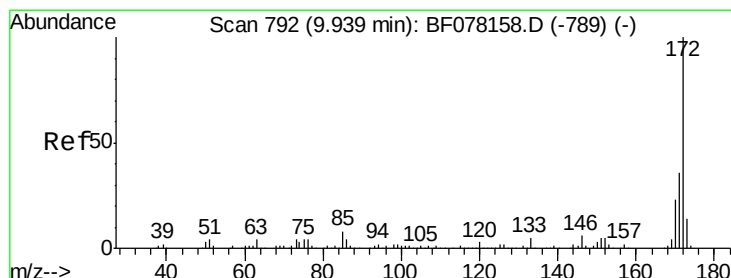
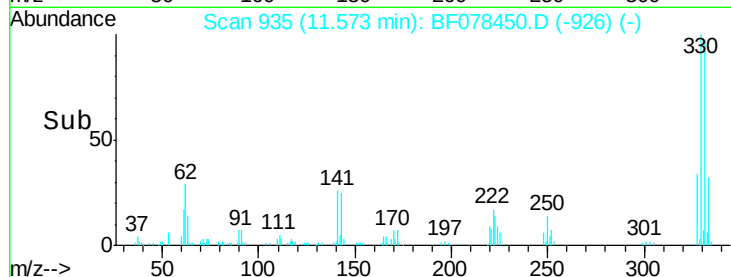
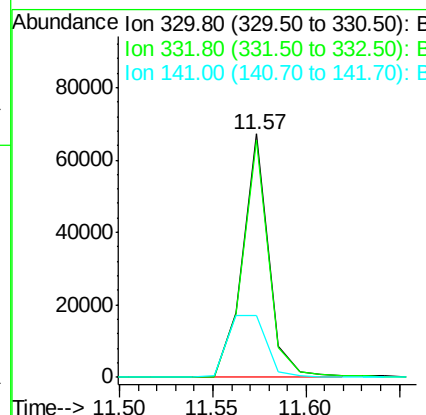
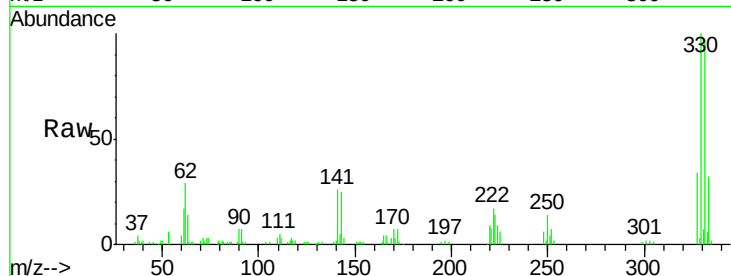




#41
 2,4,6-Tribromophenol
 Concen: 136.24 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078450.D
 Acq: 11 Apr 2015 20:38

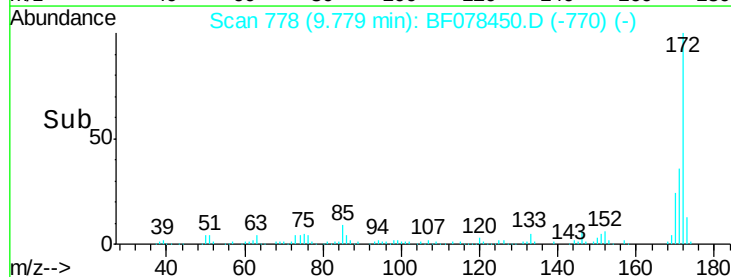
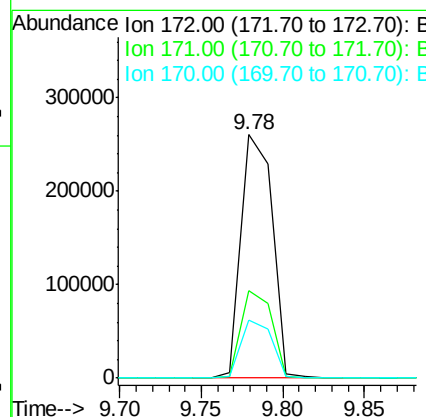
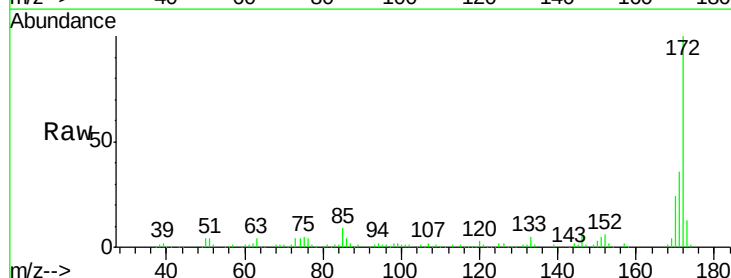
Instrument :
 BNA_F
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 LS-SD03B

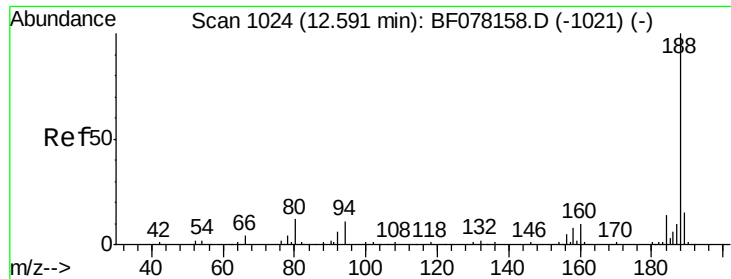
Tgt Ion:330 Resp: 66043
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 37.9 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 84.54 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF078450.D
 Acq: 11 Apr 2015 20:38

Tgt Ion:172 Resp: 345694
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 42.8
 170 23.7 18.5 27.7

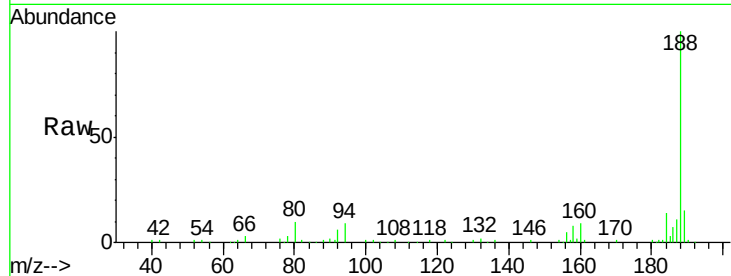




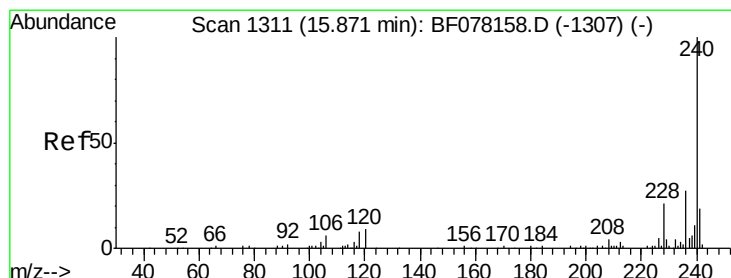
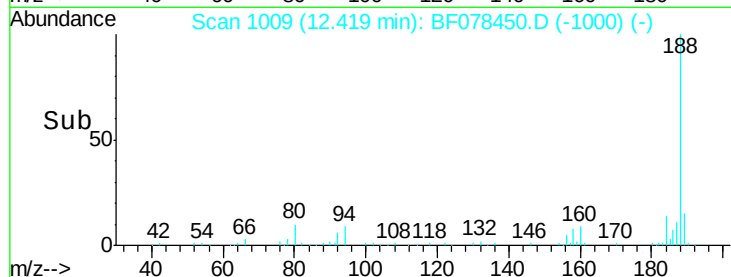
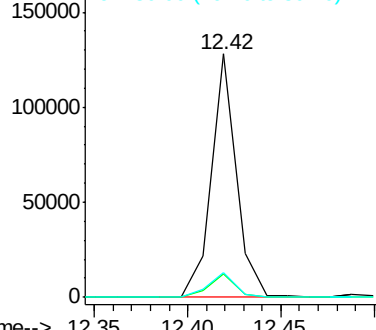
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078450.D
Acq: 11 Apr 2015 20:38

Instrument :
BNA_F
ClientSampleId :
LS-SD03B

Tgt Ion:188 Resp: 119998
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.9 9.5 14.3

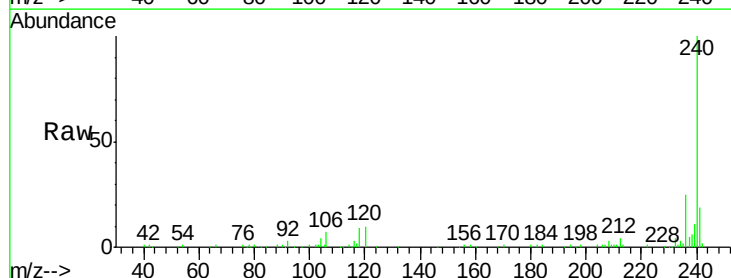


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

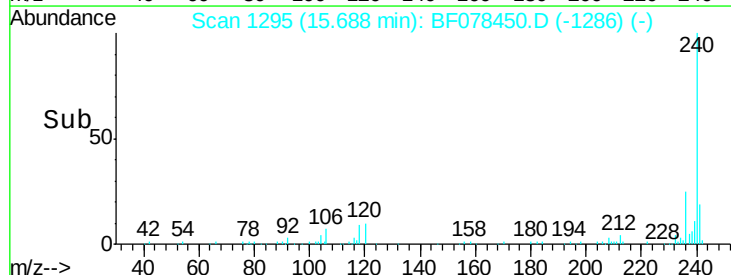
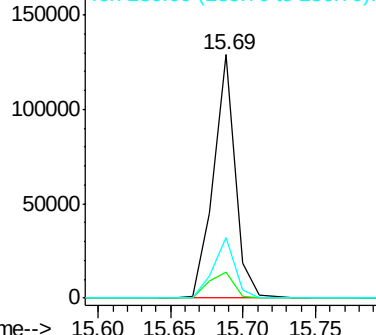


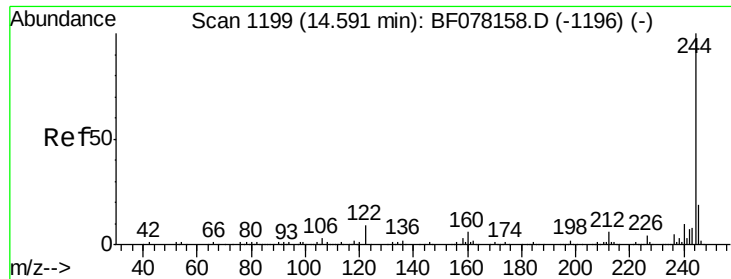
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.69 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF078450.D
Acq: 11 Apr 2015 20:38

Tgt Ion:240 Resp: 134949
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.1 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

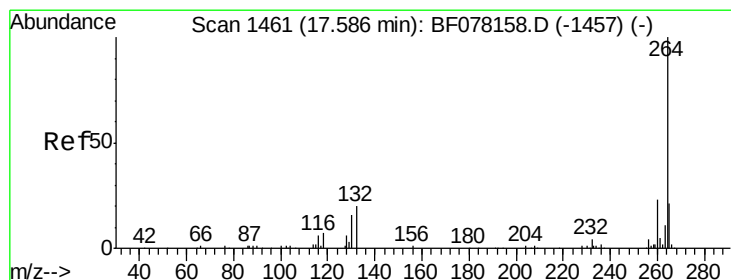
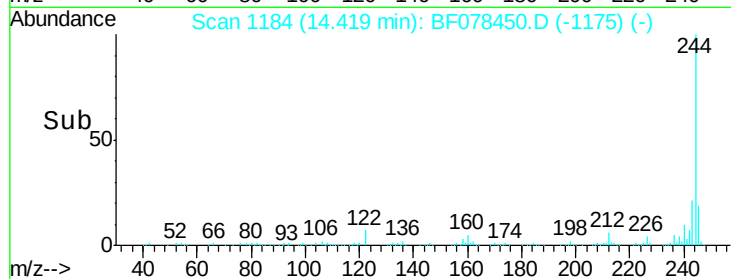
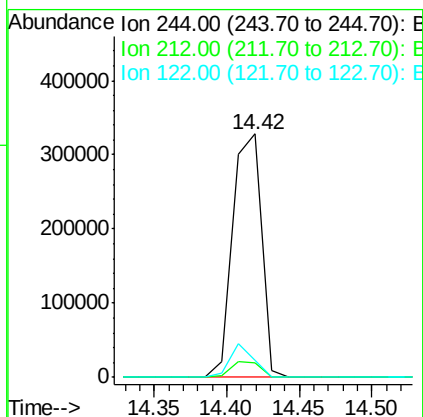
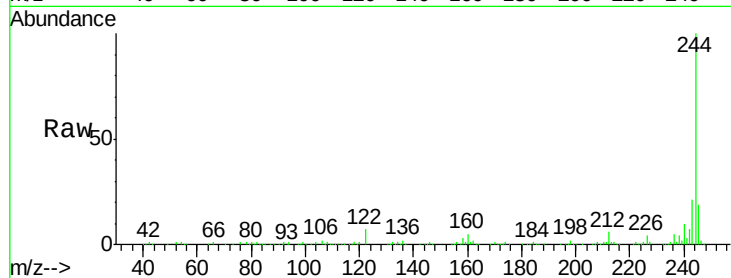




#78
 Terphenyl-d14
 Concen: 76.02 ng
 RT: 14.42 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF078450.D
 Acq: 11 Apr 2015 20:38

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	7.0	7.1	10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.08 min
 Lab File: BF078450.D
 Acq: 11 Apr 2015 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	27.8
265	21.5	17.0	25.6

