

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083348.D
 Acq On : 30 Nov 2015 22:09
 Operator : UM/IZ
 Sample : PB86889BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BL

Quant Time: Dec 01 02:22:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	181391	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	710984	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	363334	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	714244	20.00	ng	0.00
75) Chrysene-d12	14.75	240	692862	20.00	ng	-0.01
86) Perylene-d12	16.82	264	579726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1226042	101.42	ng	0.01
7) Phenol-d6	6.21	99	1523487	92.08	ng	-0.01
23) Nitrobenzene-d5	7.12	82	966918	59.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	344788	94.53	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1753467	68.77	ng	0.00
78) Terphenyl-d14	13.22	244	1829214	62.96	ng	0.00

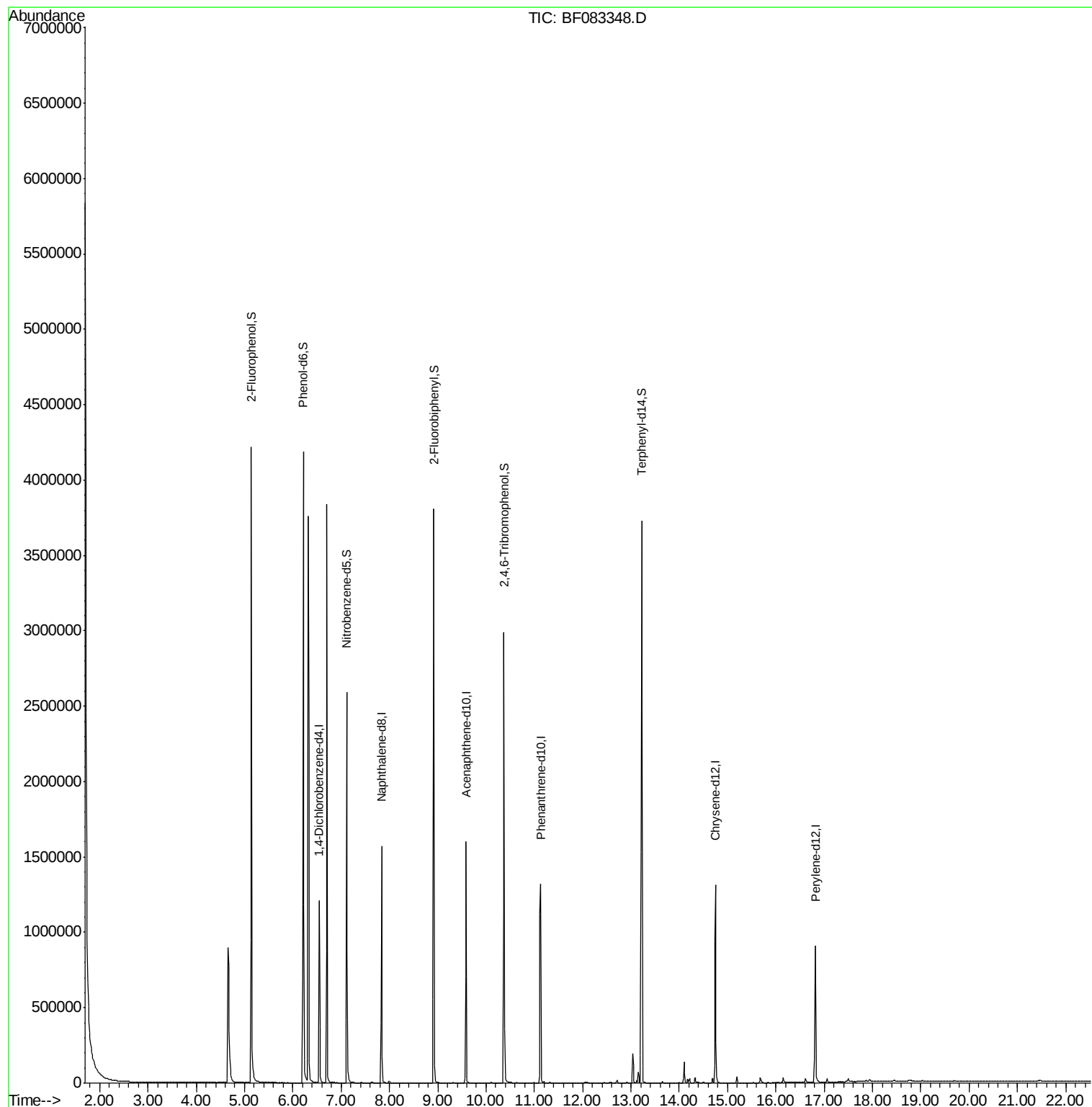
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

Instrument :

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ClientSampleId :

PB86889BL

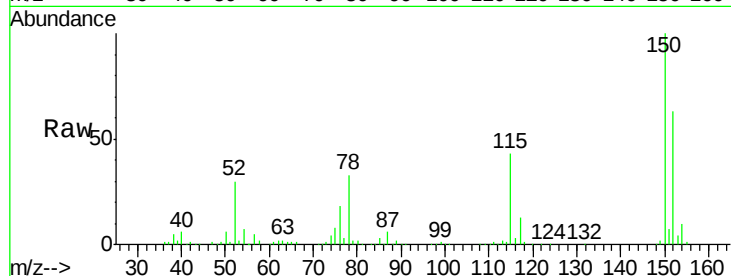
Tgt Ion:152 Resp: 181391

Ion Ratio Lower Upper

152 100

150 158.1 129.8 194.8

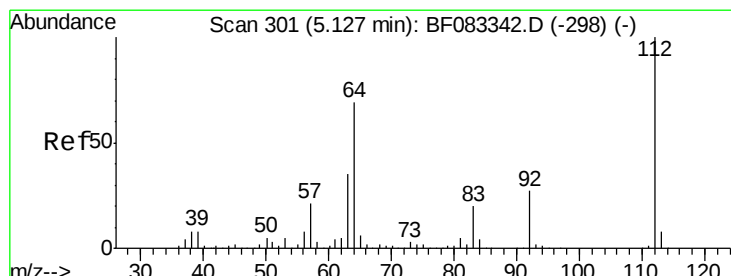
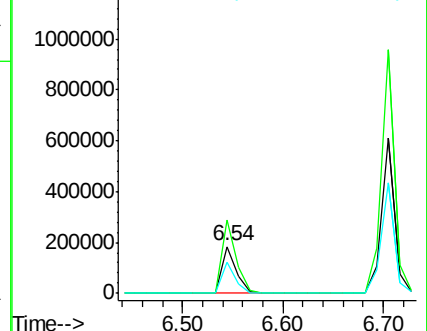
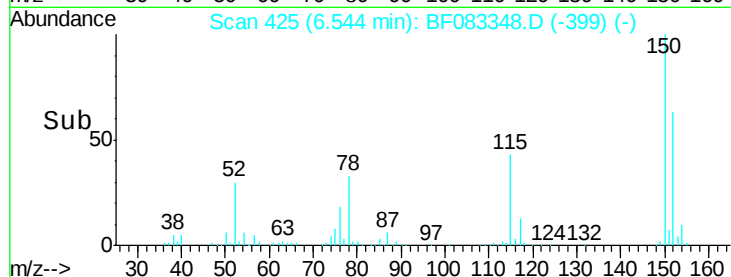
115 67.5 59.2 88.8



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: 101.42 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

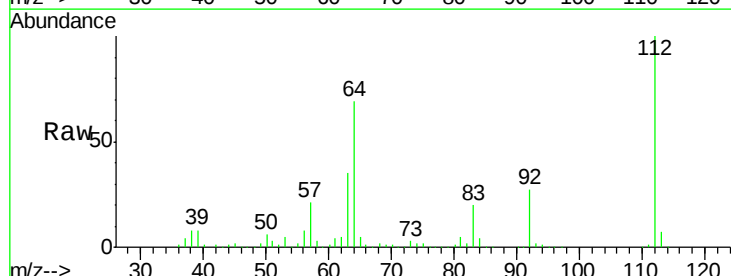
Tgt Ion:112 Resp: 1226042

Ion Ratio Lower Upper

112 100

64 68.9 55.6 83.4

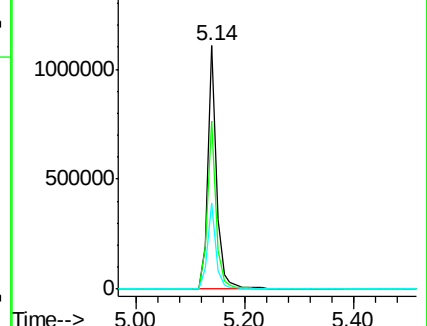
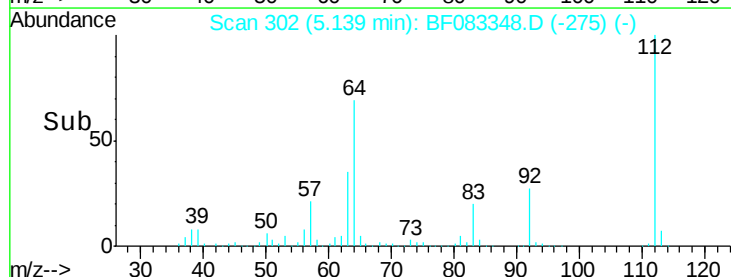
63 35.4 28.2 42.2



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: 92.08 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

Instrument :

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ClientSampleId :

PB86889BL

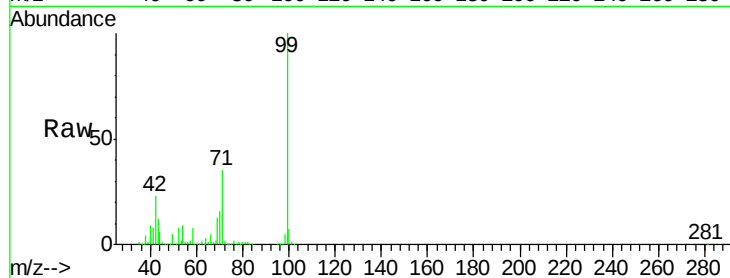
Tgt Ion: 99 Resp: 1523487

Ion Ratio Lower Upper

99 100

42 23.3 14.9 22.3#

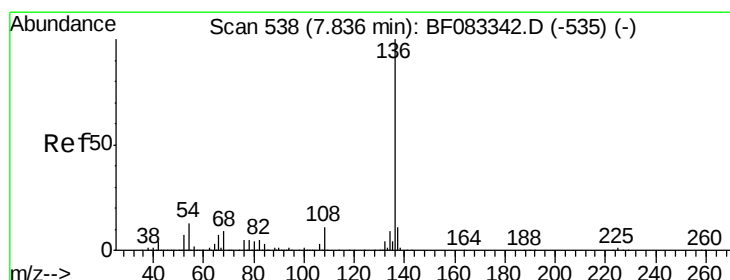
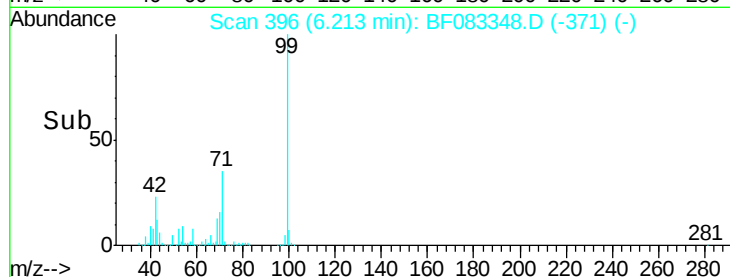
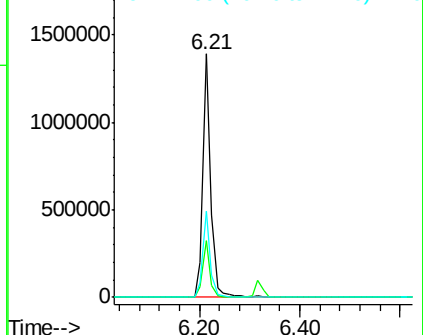
71 35.3 24.7 37.1



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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

Tgt Ion: 136 Resp: 710984

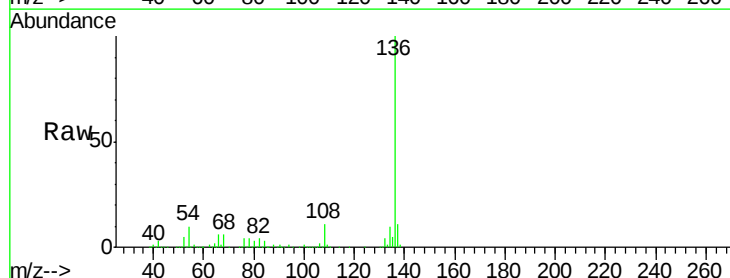
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 9.6 10.1 15.1#

68 6.5 7.1 10.7#

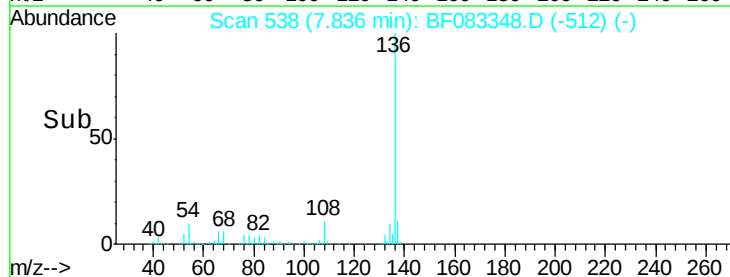
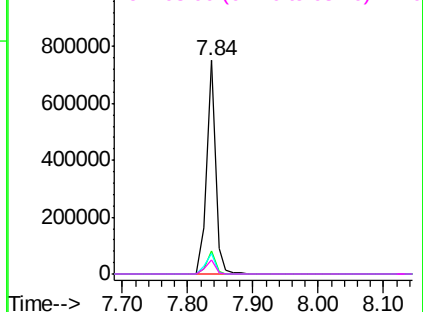


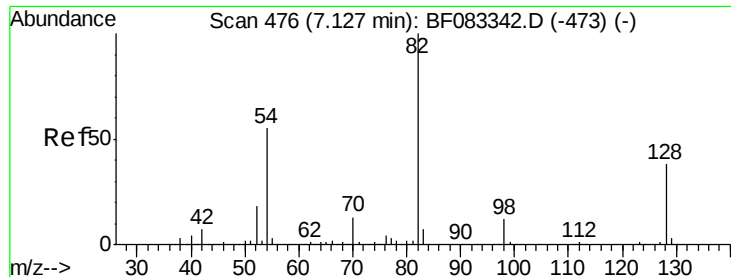
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.78 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

PB86889BL

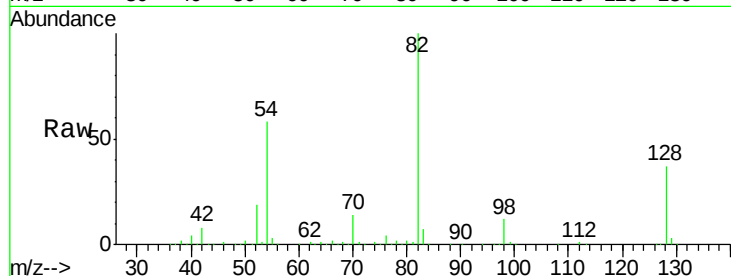
Tgt Ion: 82 Resp: 966918

Ion Ratio Lower Upper

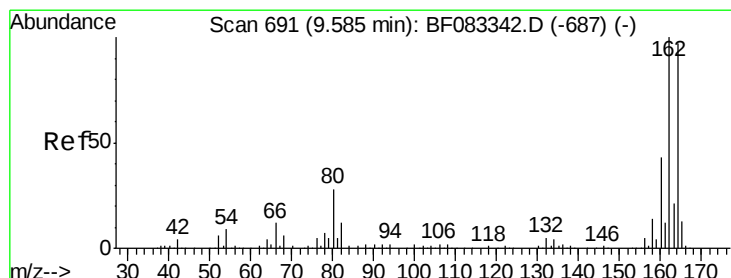
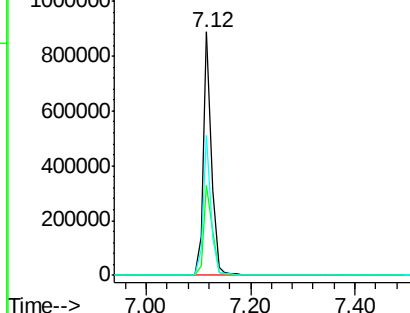
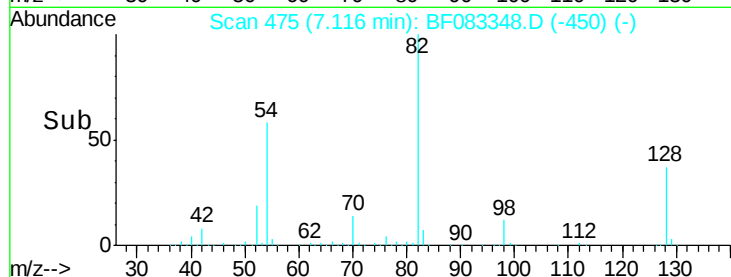
82 100

128 36.9 30.6 46.0

54 57.7 43.8 65.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF083348.D

Acq: 30 Nov 2015 22:09

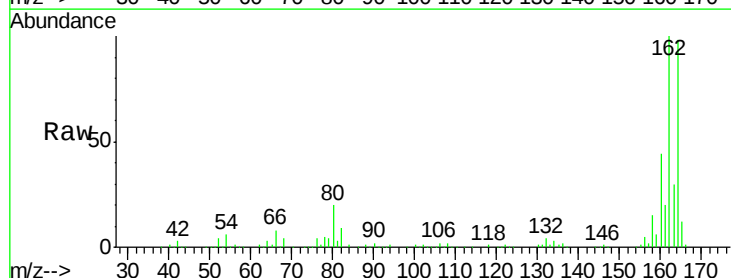
Tgt Ion: 164 Resp: 363334

Ion Ratio Lower Upper

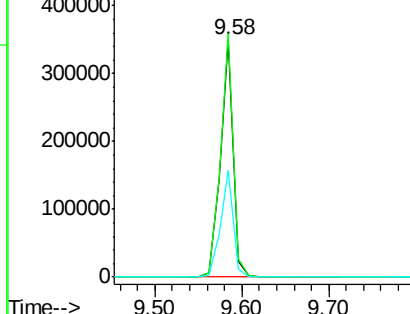
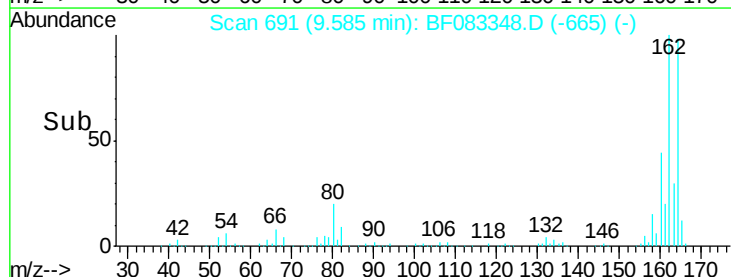
164 100

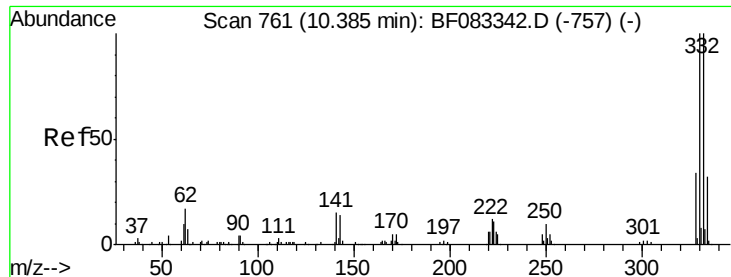
162 102.4 82.6 123.8

160 44.8 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

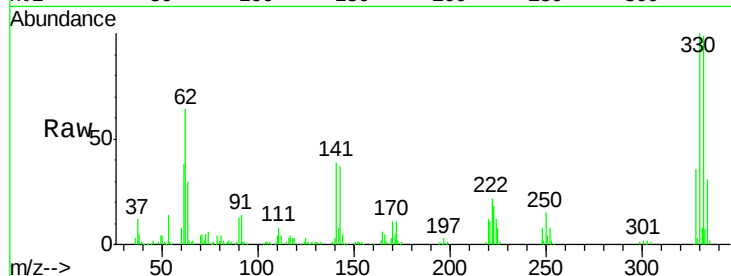




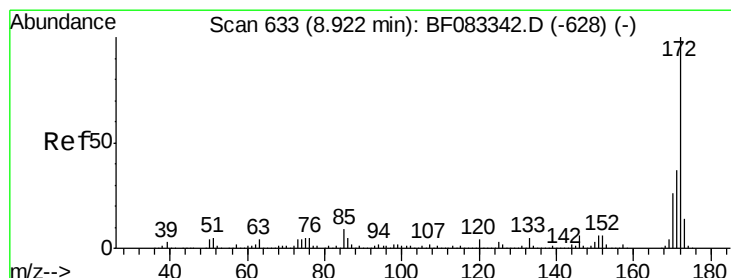
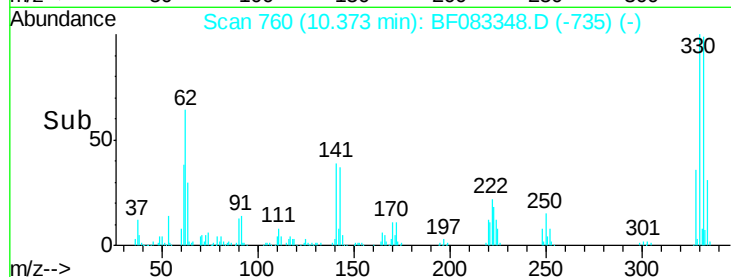
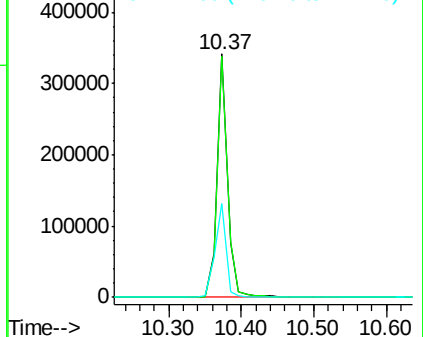
#41
 2,4,6-Tribromophenol
 Concen: 94.53 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083348.D
 Acq: 30 Nov 2015 22:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86889BL

Tgt Ion:330 Resp: 344788
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 40.9 29.4 44.0

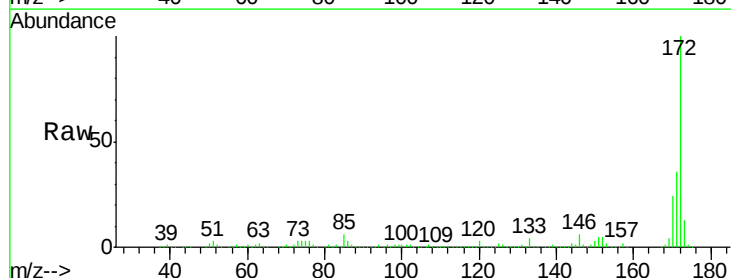


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

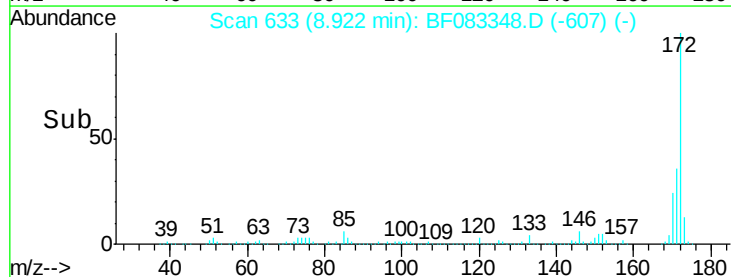
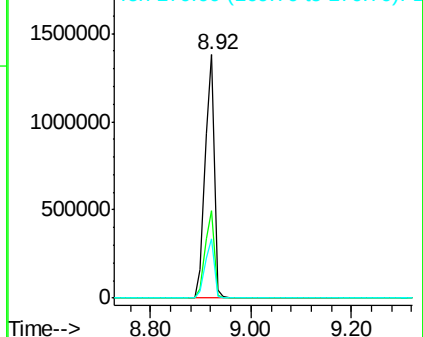


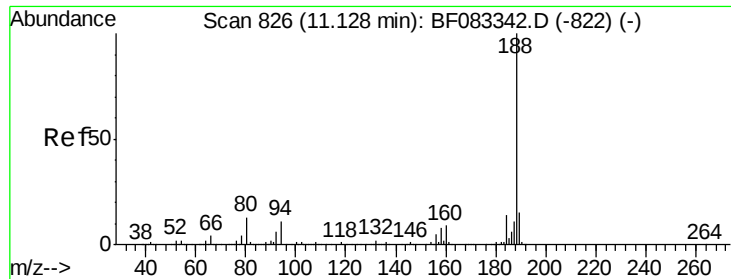
#44
 2-Fluorobiphenyl
 Concen: 68.77 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083348.D
 Acq: 30 Nov 2015 22:09

Tgt Ion:172 Resp: 1753467
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.1 20.4 30.6



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

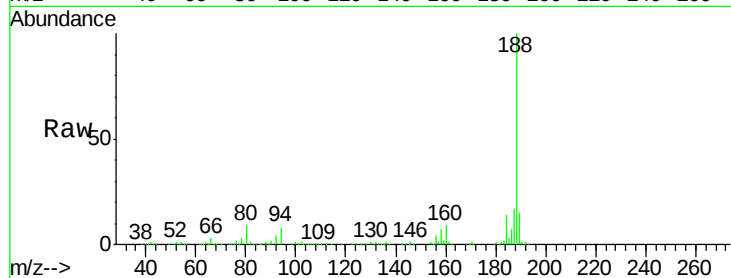




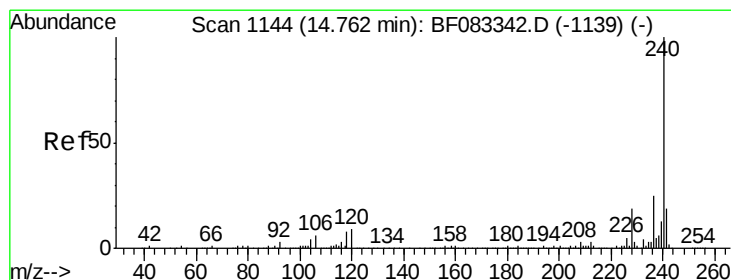
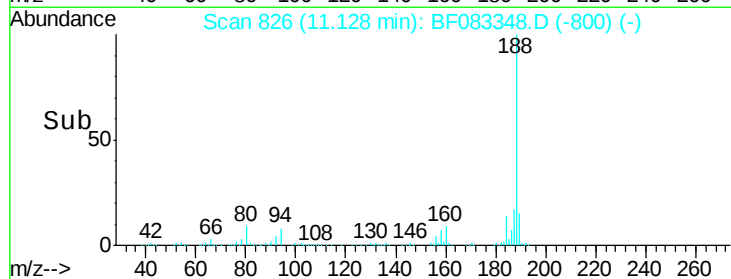
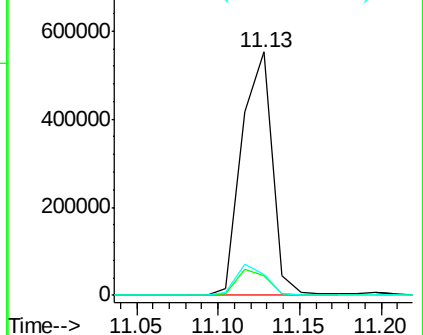
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083348.D
Acq: 30 Nov 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB86889BL

Tgt Ion:188 Resp: 714244
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.8 10.3 15.5#

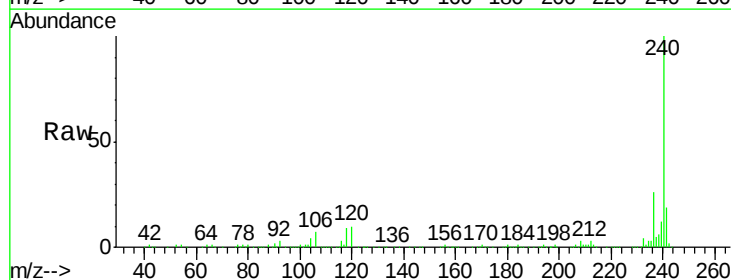


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

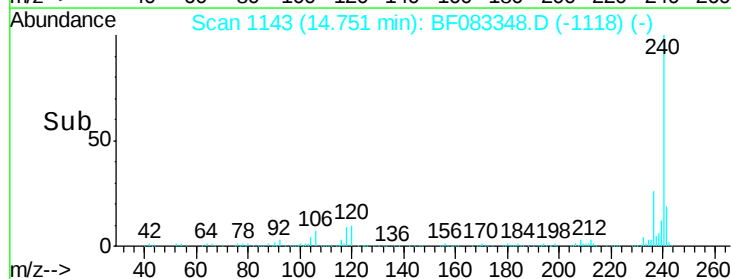
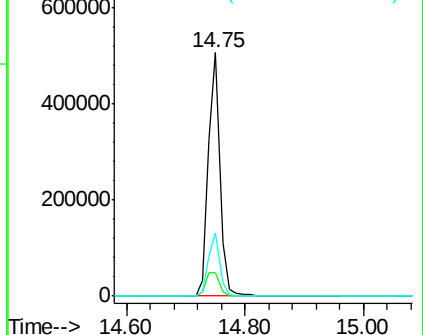


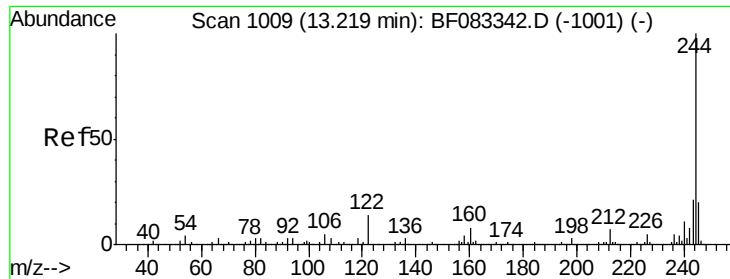
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083348.D
Acq: 30 Nov 2015 22:09

Tgt Ion:240 Resp: 692862
Ion Ratio Lower Upper
240 100
120 9.8 6.9 10.3
236 25.8 19.8 29.6



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

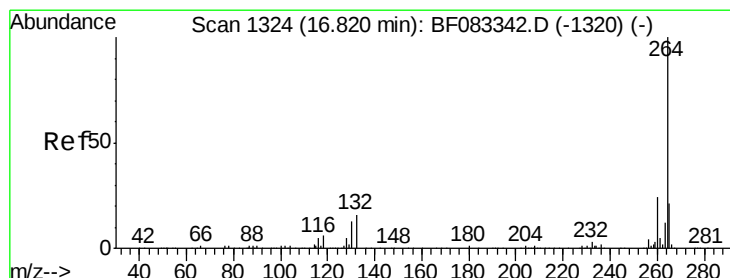
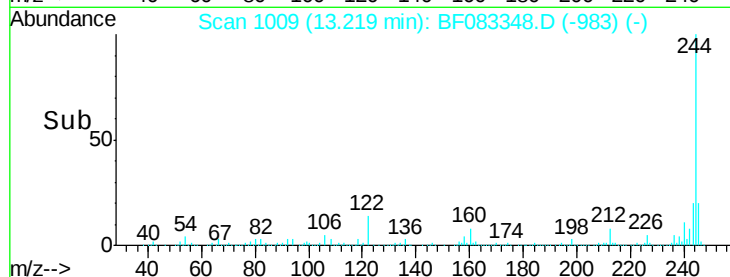
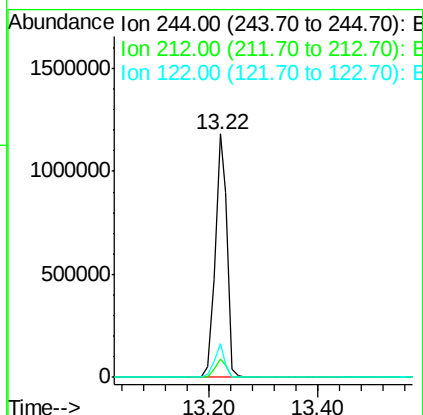
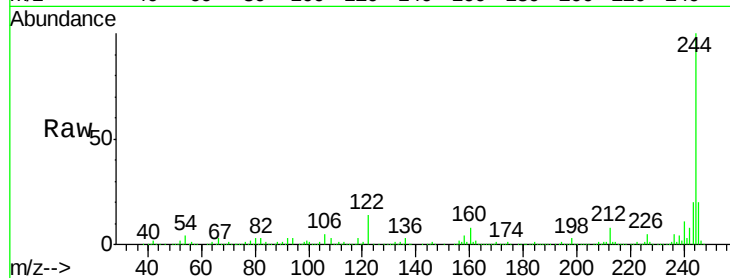




#78
 Terphenyl-d14
 Concen: 62.96 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083348.D
 Acq: 30 Nov 2015 22:09

Instrument :
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Tgt Ion:244 Resp: 1829214
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.82 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF083348.D
 Acq: 30 Nov 2015 22:09

Tgt Ion:264 Resp: 579726
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 22.0 16.8 25.2

