

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF083002.D
 Acq On : 18 Nov 2015 8:51
 Operator : UM/IZ
 Sample : G4443-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Quant Time: Nov 18 15:36:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

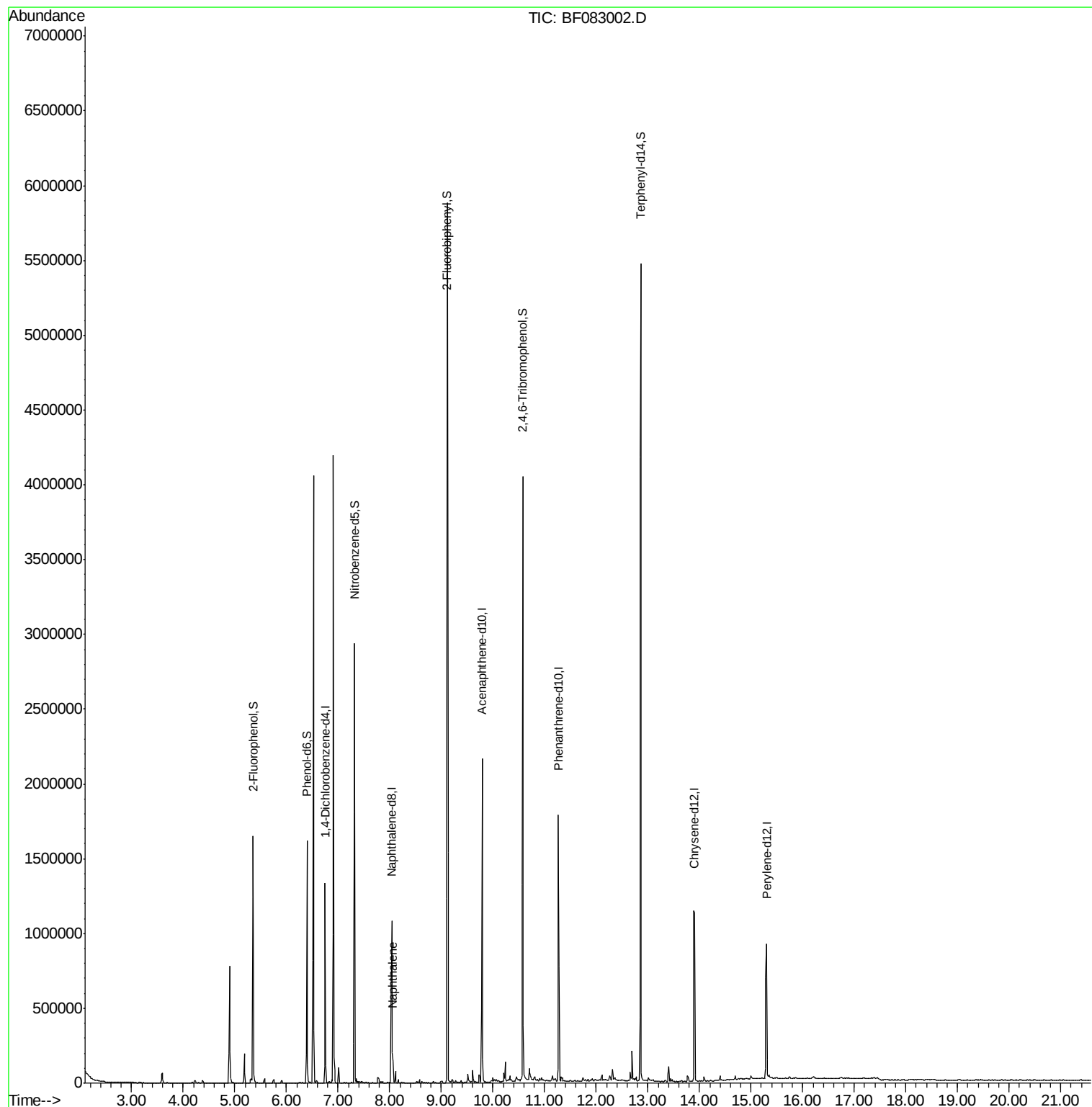
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	178718	20.00	ng	0.01
21) Naphthalene-d8	8.04	136	593648	20.00	ng	0.02
38) Acenaphthene-d10	9.79	164	418131	20.00	ng	0.01
63) Phenanthrene-d10	11.26	188	728468	20.00	ng	0.01
75) Chrysene-d12	13.91	240	604330	20.00	ng	0.01
86) Perylene-d12	15.30	264	478803	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	596661	51.95	ng	0.02
7) Phenol-d6	6.40	99	476867	31.23	ng	0.00
23) Nitrobenzene-d5	7.32	82	1224907	89.78	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	436995	91.15	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1993947	68.35	ng	0.01
78) Terphenyl-d14	12.87	244	2325937	91.29	ng	0.02
Target Compounds						
31) Naphthalene	8.05	128	114796	3.50	ng	Qvalue 98

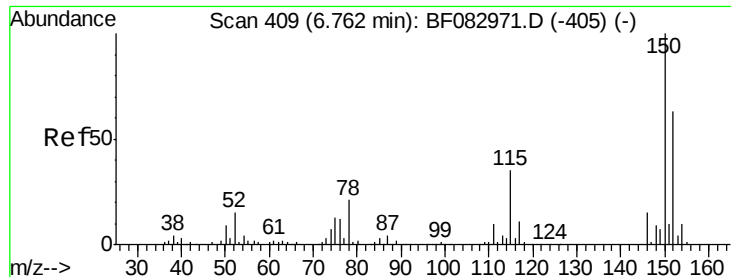
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 13:32:32 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Instrument :

BNA_F

ClientSampleId :

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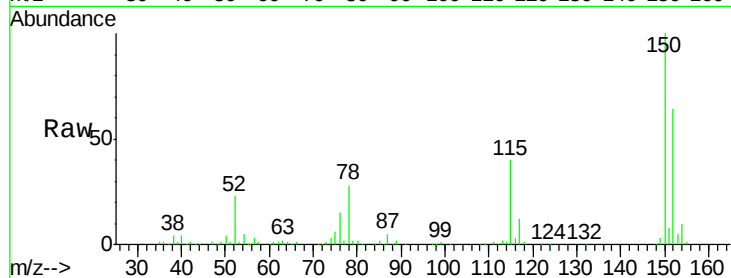
Tgt Ion:152 Resp: 178718

Ion Ratio Lower Upper

152 100

150 157.3 127.0 190.4

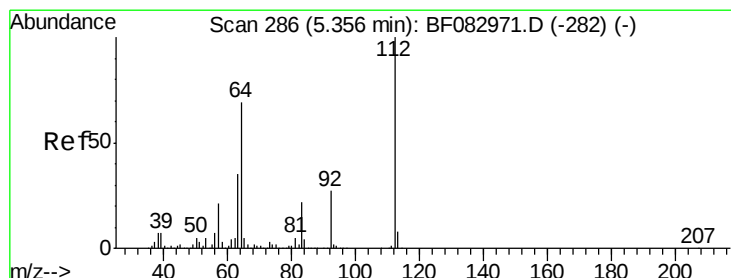
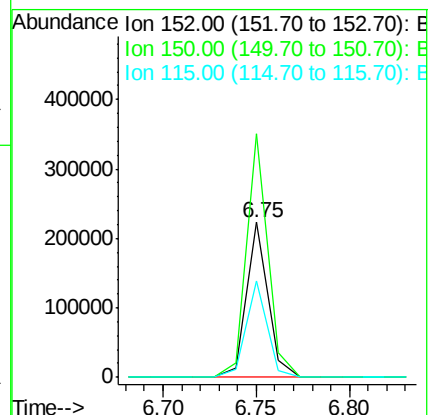
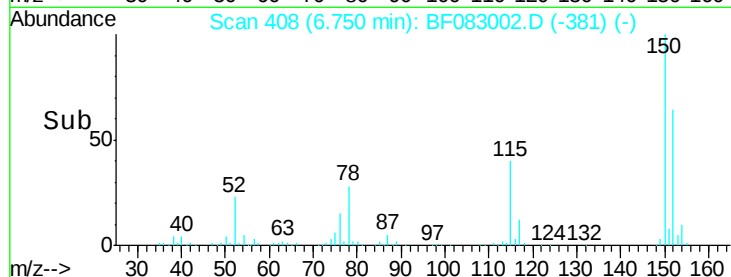
115 62.6 47.0 70.6



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: 51.95 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

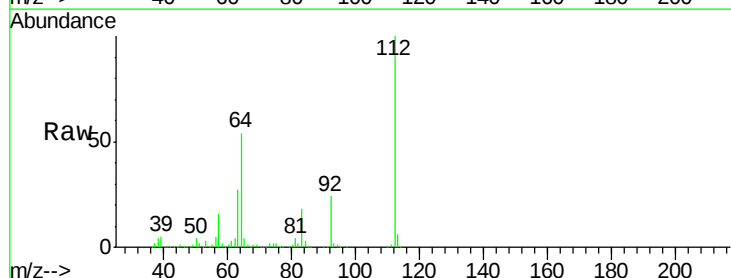
Tgt Ion:112 Resp: 596661

Ion Ratio Lower Upper

112 100

64 53.5 48.9 73.3

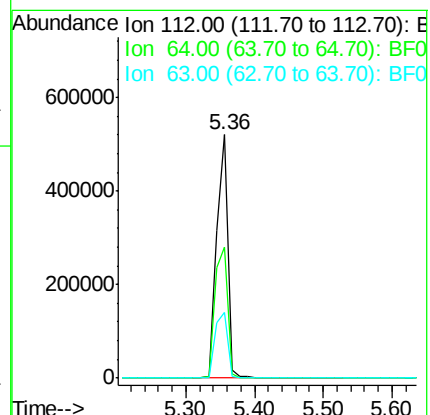
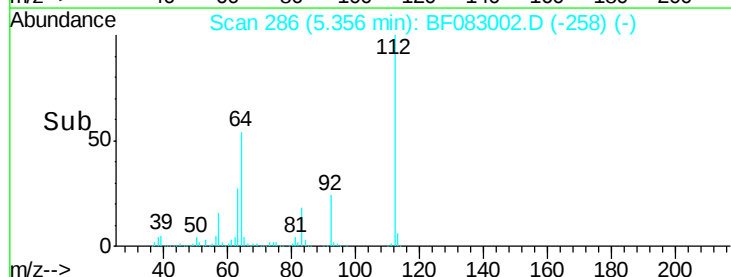
63 26.9 28.1 42.1#

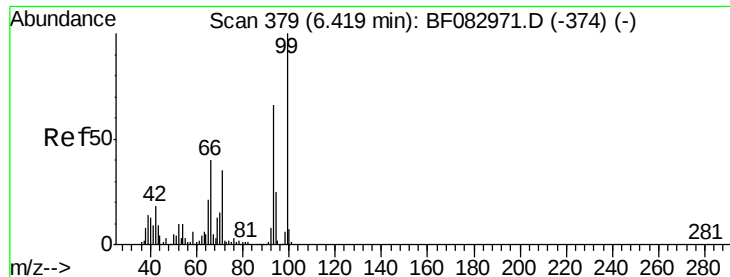


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.23 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Instrument :

BNA_F

ClientSampleId :

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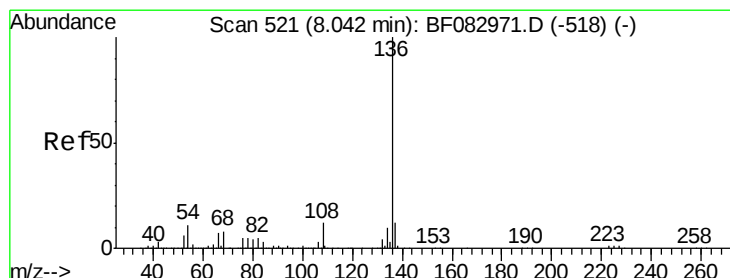
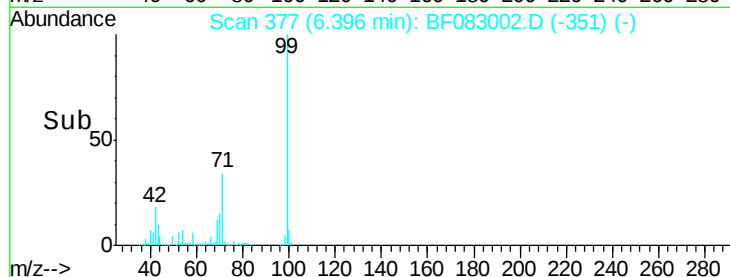
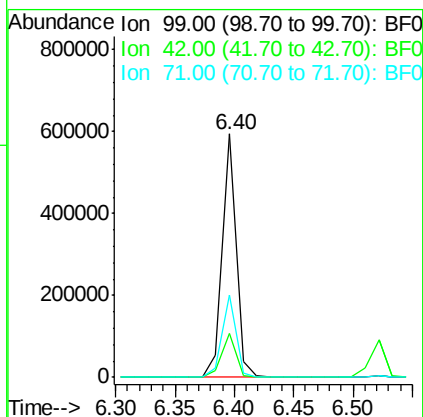
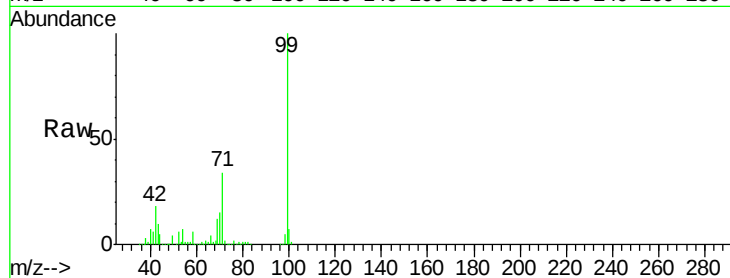
Tgt Ion: 99 Resp: 476867

Ion Ratio Lower Upper

99 100

42 18.2 19.2 28.8#

71 34.0 35.0 52.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.02 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Tgt Ion: 136 Resp: 593648

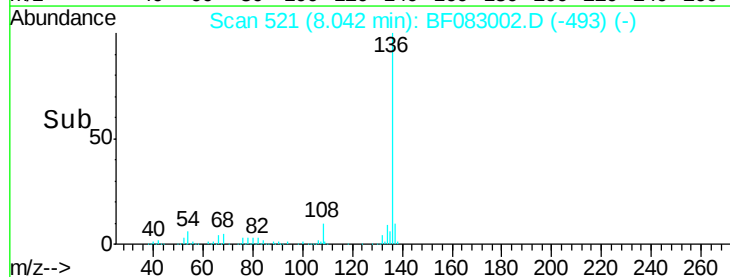
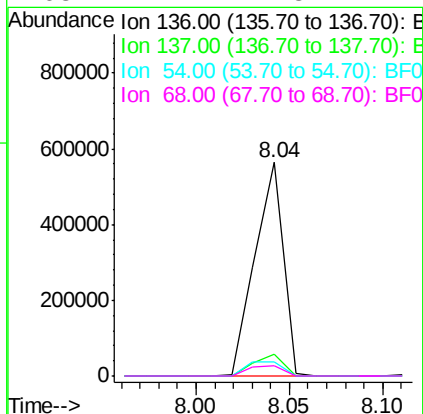
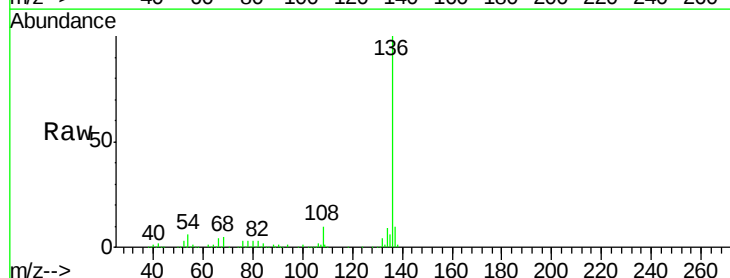
Ion Ratio Lower Upper

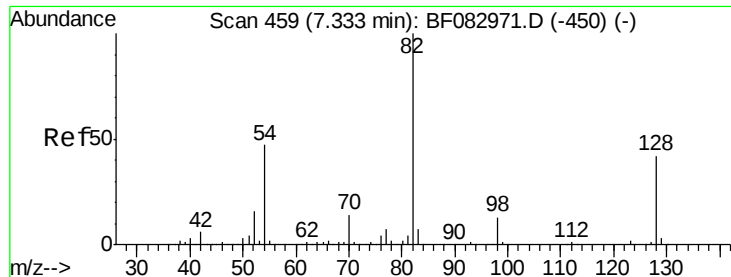
136 100

137 10.4 9.1 13.7

54 6.3 9.1 13.7#

68 4.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 89.78 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

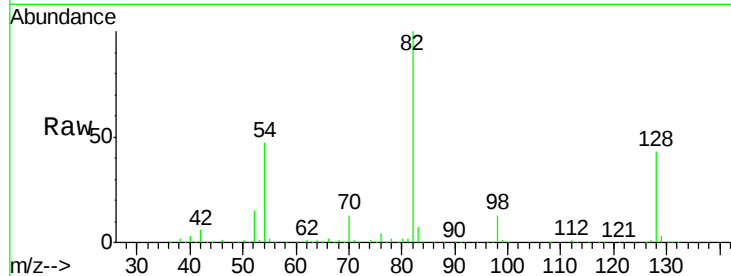
Tgt Ion: 82 Resp: 1224907

Ion Ratio Lower Upper

82 100

128 43.2 26.8 40.2#

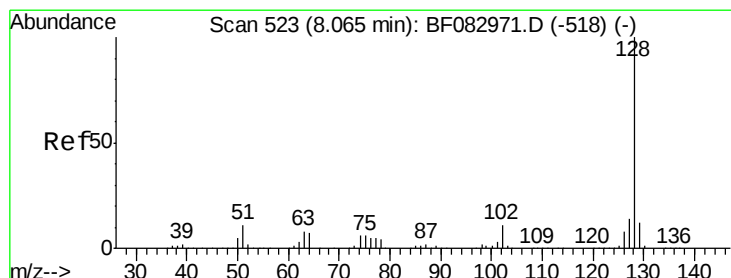
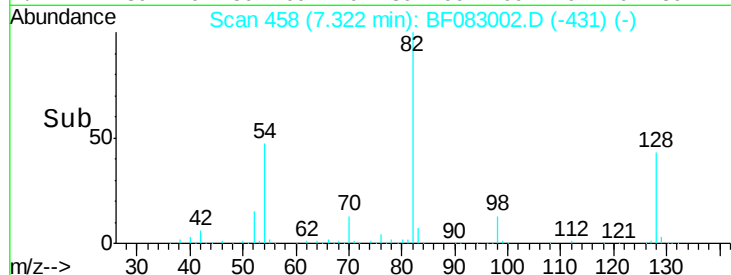
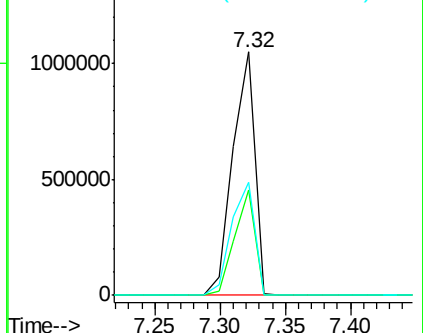
54 46.6 45.7 68.5



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



#31

Naphthalene

Concen: 3.50 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

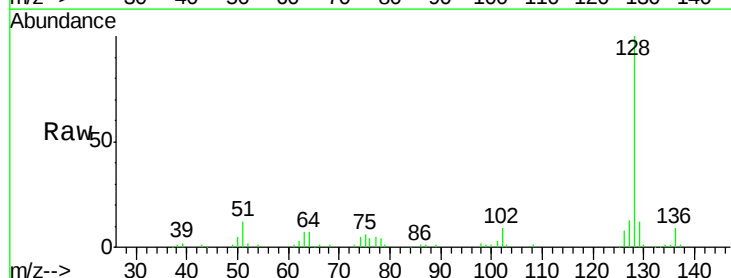
Tgt Ion: 128 Resp: 114796

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

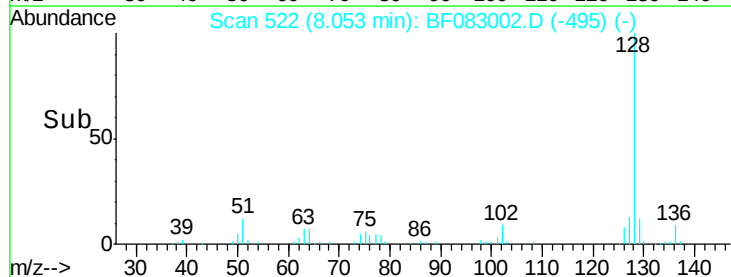
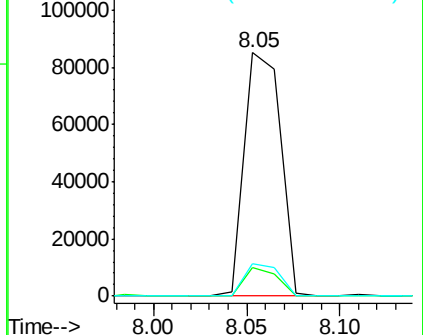
127 13.3 11.4 17.0

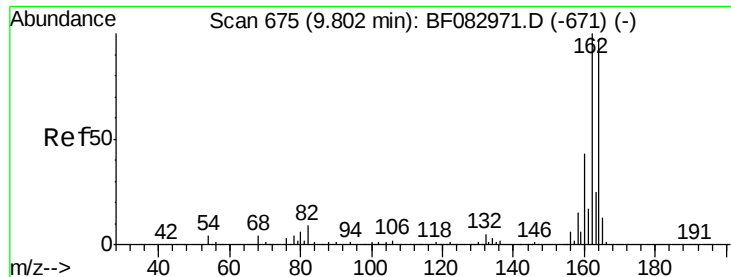


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

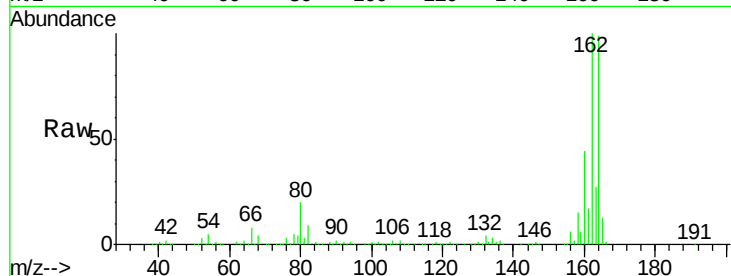
Tgt Ion:164 Resp: 418131

Ion Ratio Lower Upper

164 100

162 101.2 84.9 127.3

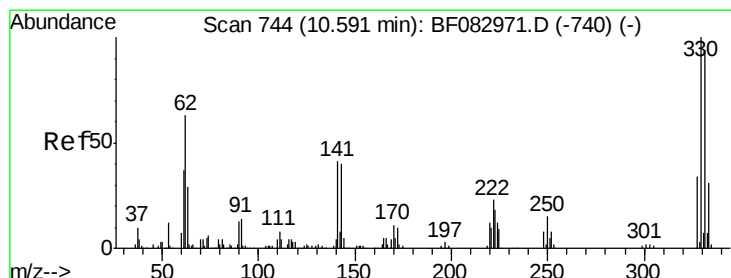
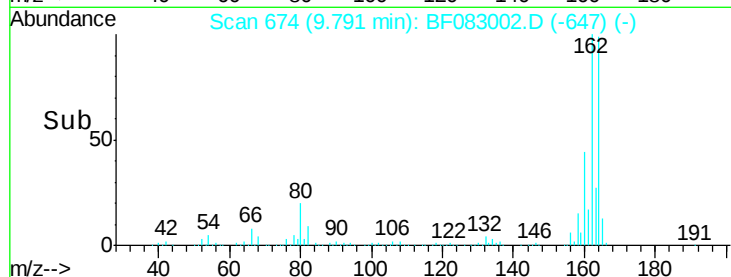
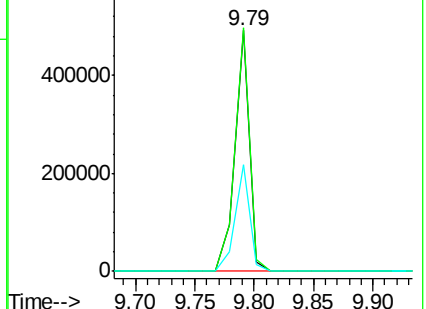
160 44.2 37.5 56.3



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: 91.15 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

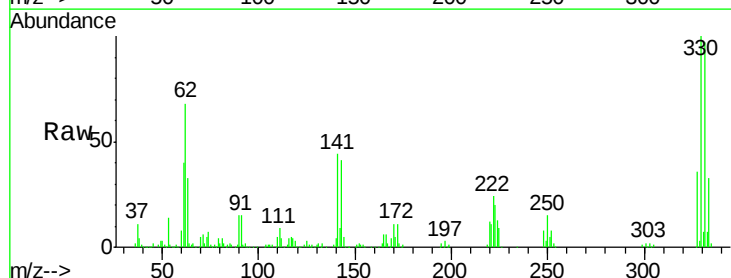
Tgt Ion:330 Resp: 436995

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

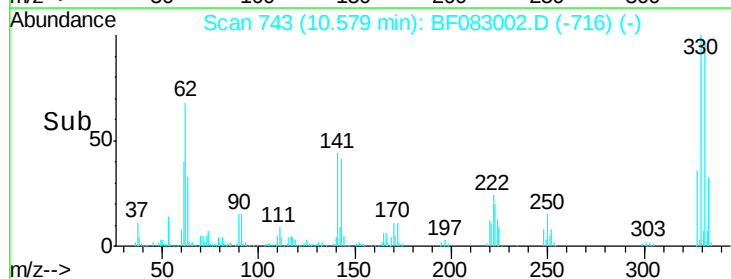
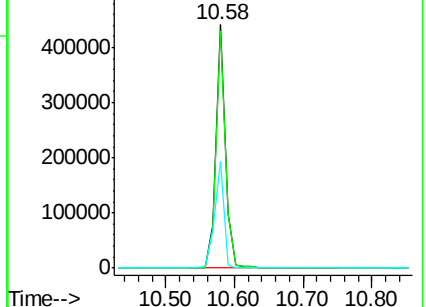
141 43.0 41.2 61.8

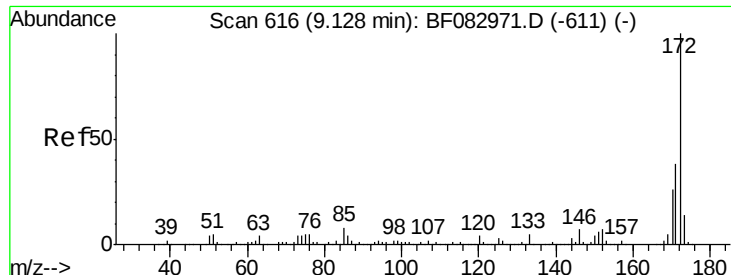


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

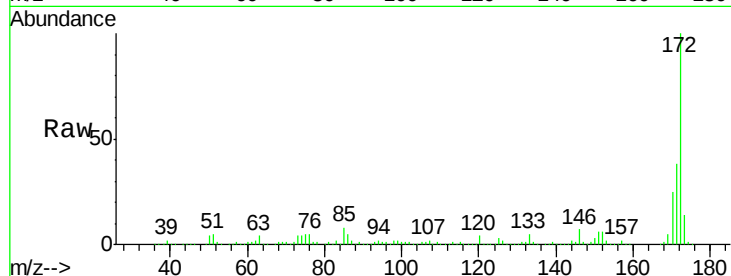




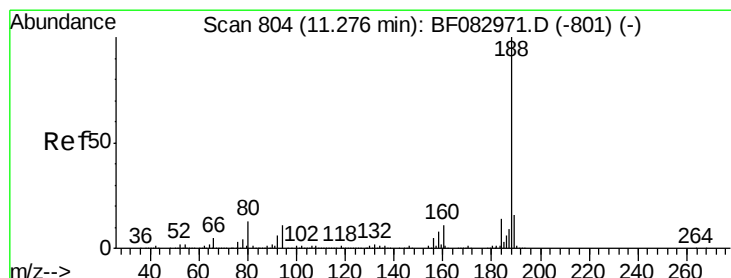
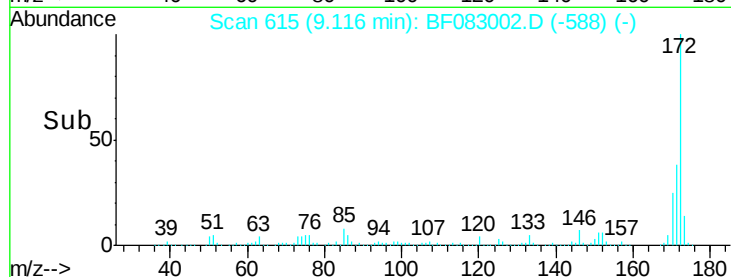
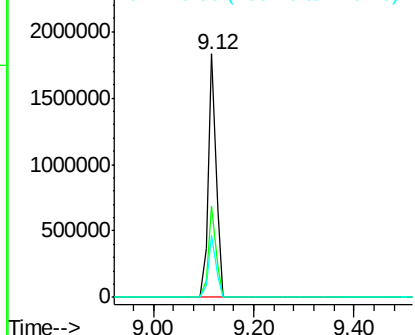
#44
 2-Fluorobiphenyl
 Concen: 68.35 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF083002.D
 Acq: 18 Nov 2015 8:51

Instrument :
 BNA_F
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 20151109MGP213BRV68.7

Tgt Ion:172 Resp: 1993947
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.4 21.2 31.8

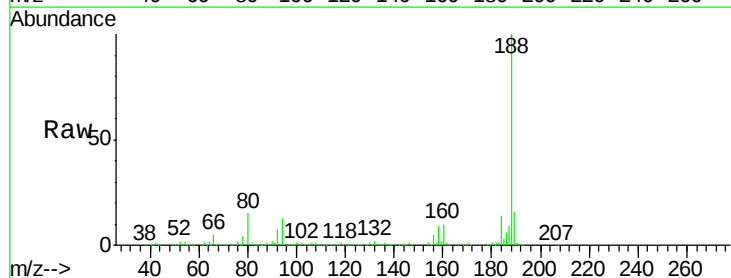


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

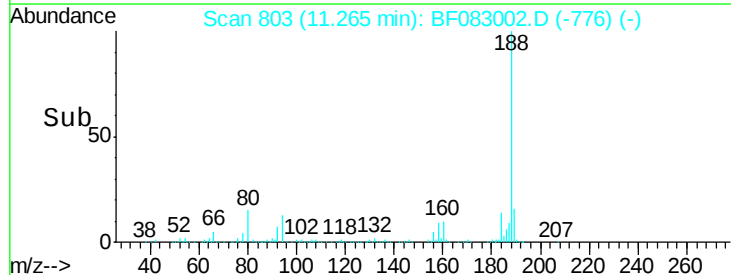
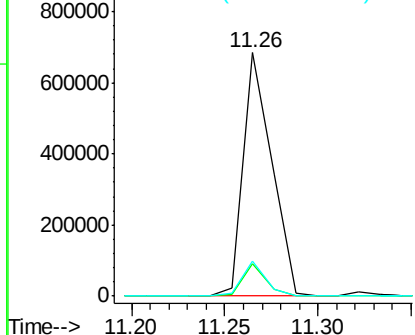


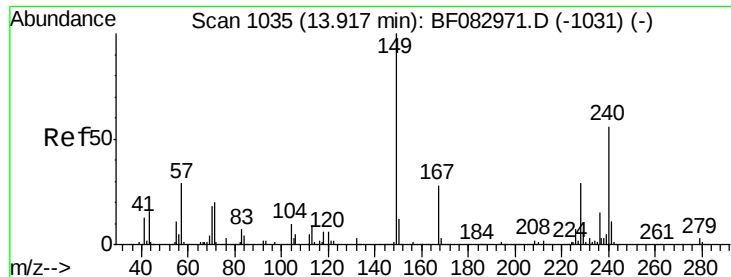
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF083002.D
 Acq: 18 Nov 2015 8:51

Tgt Ion:188 Resp: 728468
 Ion Ratio Lower Upper
 188 100
 94 13.2 6.1 9.1#
 80 14.6 7.0 10.6#



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: 13.91 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

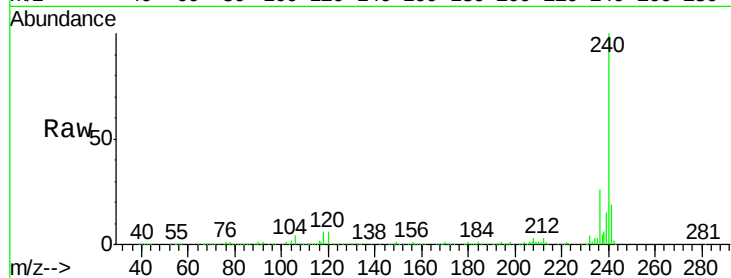
Tgt Ion:240 Resp: 604330

Ion Ratio Lower Upper

240 100

120 6.4 10.9 16.3#

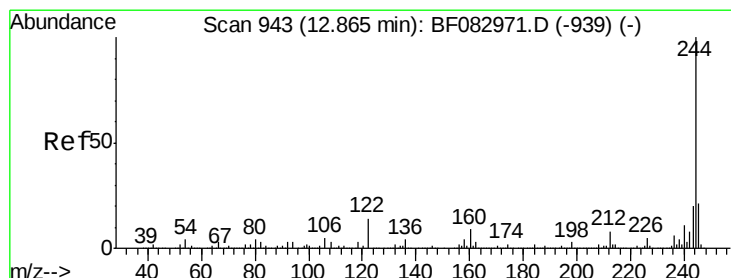
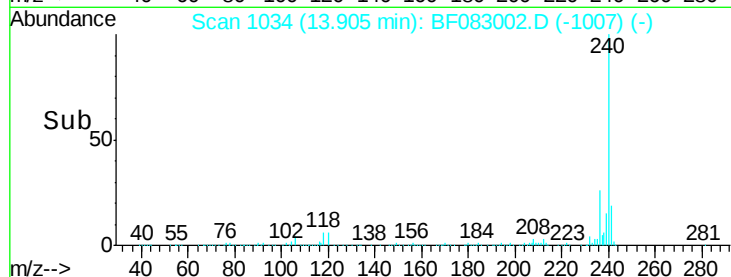
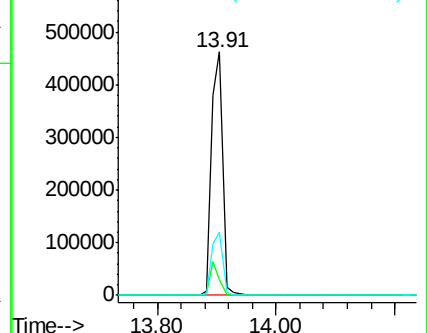
236 26.2 21.6 32.4



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: 91.29 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF083002.D

Acq: 18 Nov 2015 8:51

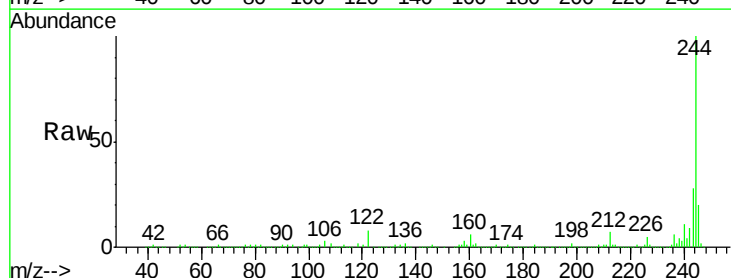
Tgt Ion:244 Resp: 2325937

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

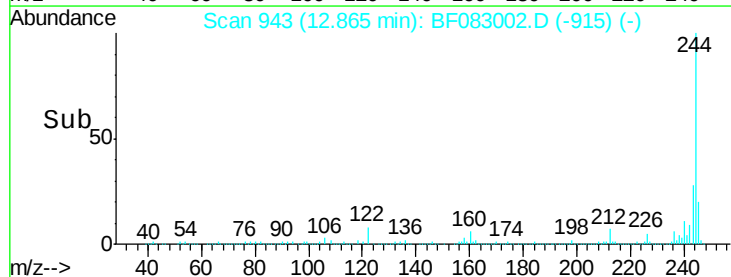
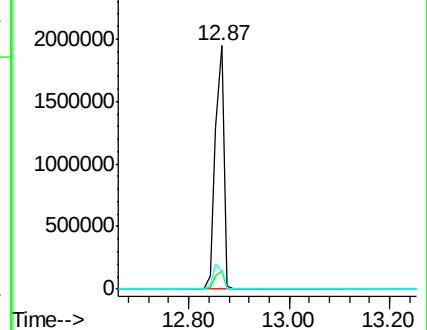
122 7.6 11.3 16.9#

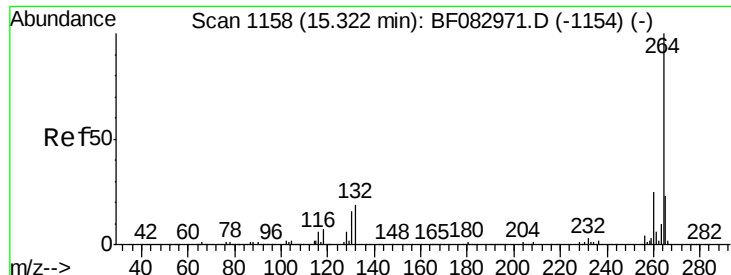


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF083002.D
Acq: 18 Nov 2015 8:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	20.8	17.4	26.0

