

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083171.D
 Acq On : 22 Nov 2015 21:10
 Operator : UM/IZ
 Sample : G4443-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Quant Time: Nov 23 05:42:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

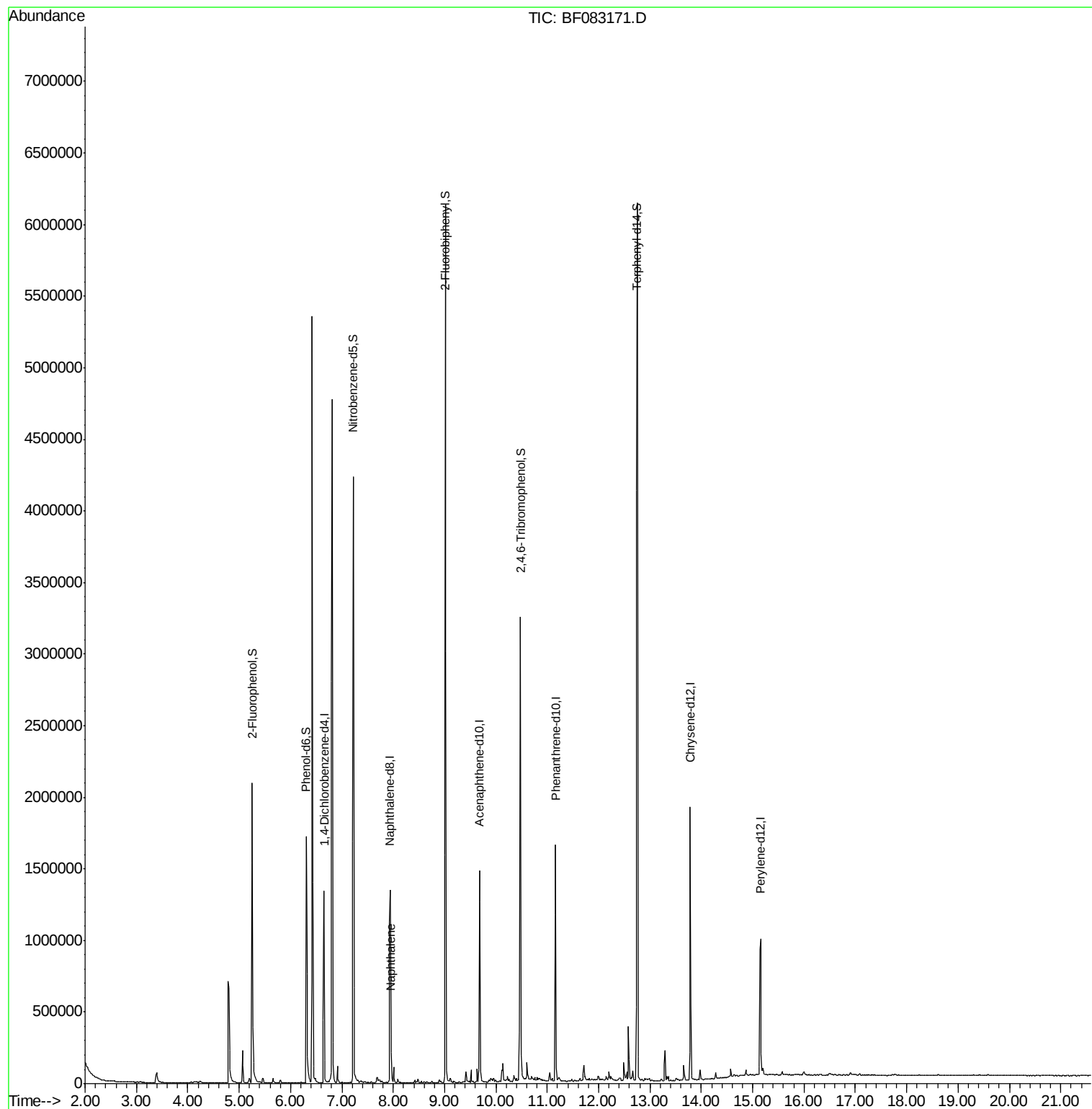
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	218108	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	831981	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	417750	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	799237	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	674464	20.00	ng	-0.02
86) Perylene-d12	15.15	264	545529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	841404	58.32	ng	-0.02
7) Phenol-d6	6.31	99	689023	36.91	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1606175	88.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	572312	133.91	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2494040	83.25	ng	-0.01
78) Terphenyl-d14	12.75	244	2419541	84.48	ng	-0.01
Target Compounds						
31) Naphthalene	7.95	128	167487	3.73	ng	Qvalue 99

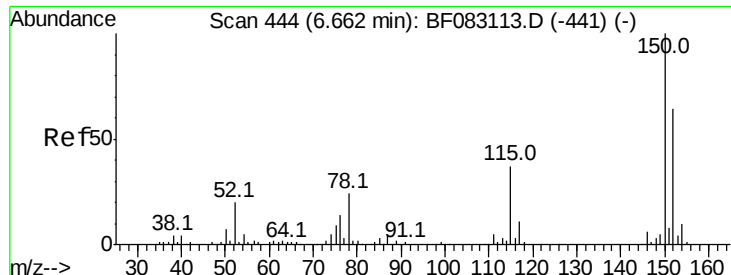
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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20151109MGP213BRV68.7

Quant Time: Nov 23 05:42:33 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

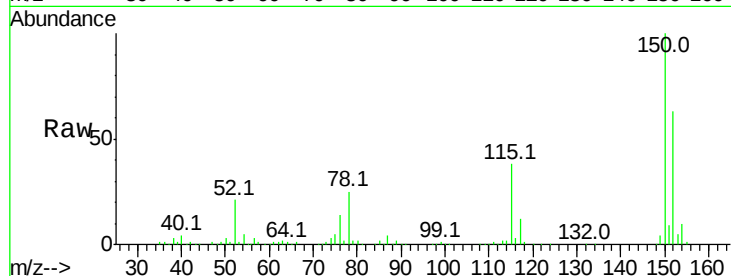
Tot Ion:152 Resp: 218108

Ion Ratio Lower Upper

152 100

150 158.6 125.8 188.8

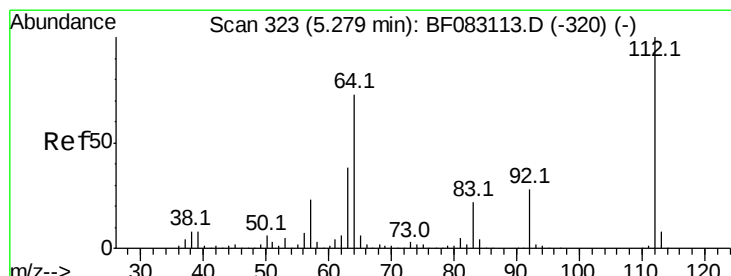
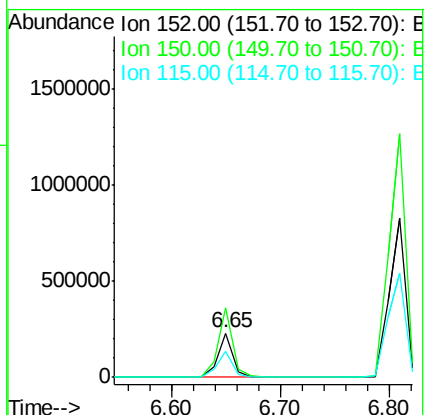
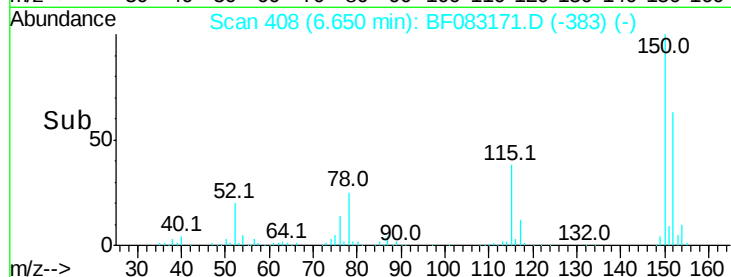
115 59.8 46.9 70.3



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: 58.32 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

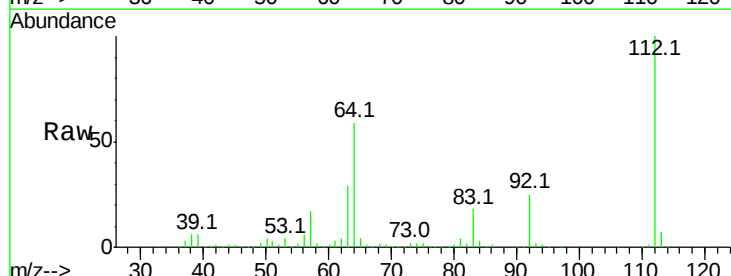
Tgt Ion:112 Resp: 841404

Ion Ratio Lower Upper

112 100

64 58.7 58.4 87.6

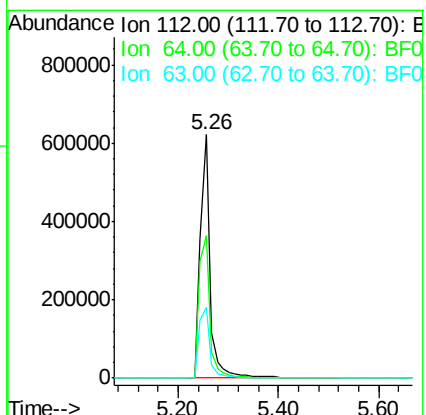
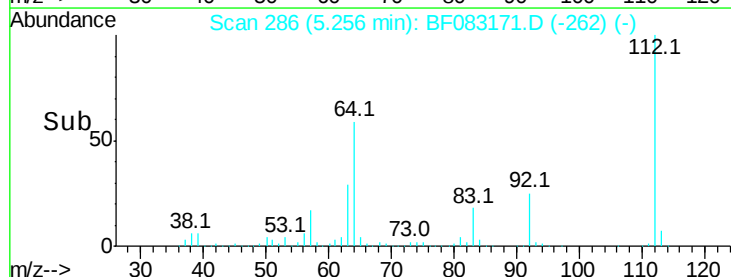
63 29.0 30.0 45.0#

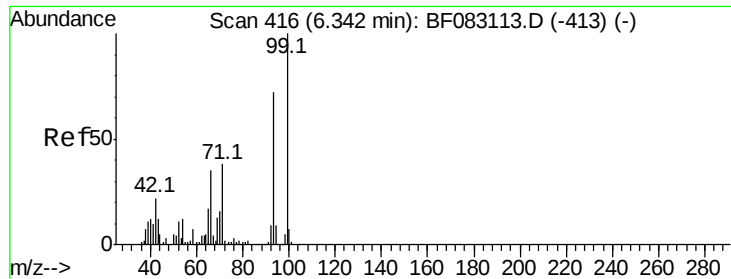


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.91 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

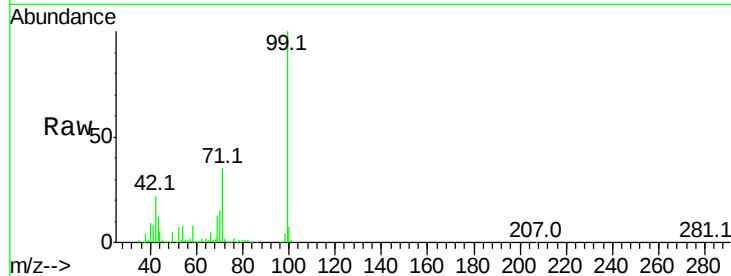
Tot Ion: 99 Resp: 689023

Ion Ratio Lower Upper

99 100

42 22.0 17.7 26.5

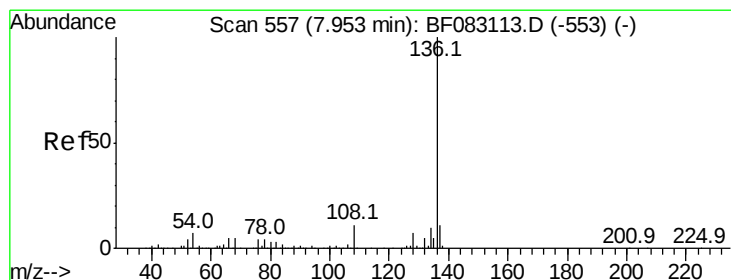
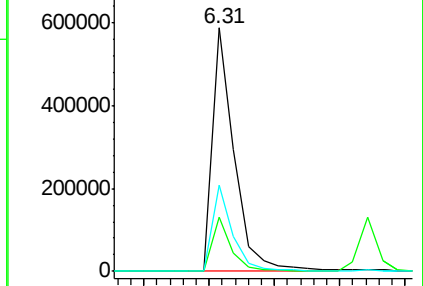
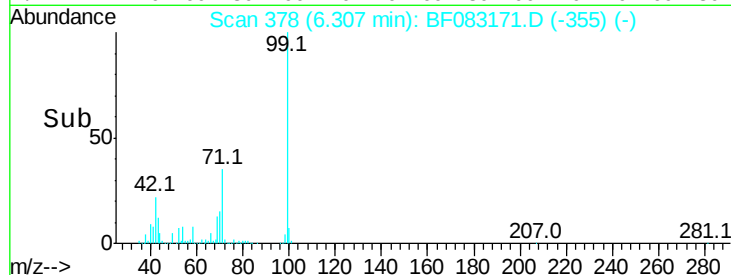
71 35.3 30.2 45.4



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: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Tgt Ion: 136 Resp: 831981

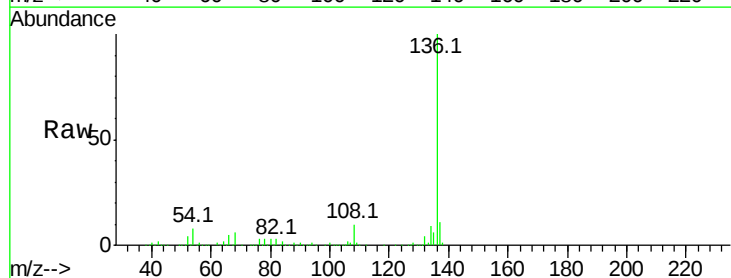
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.7 5.8 8.6

68 5.6 3.8 5.8

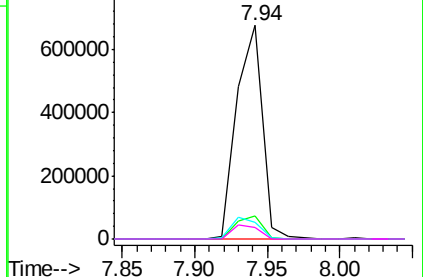
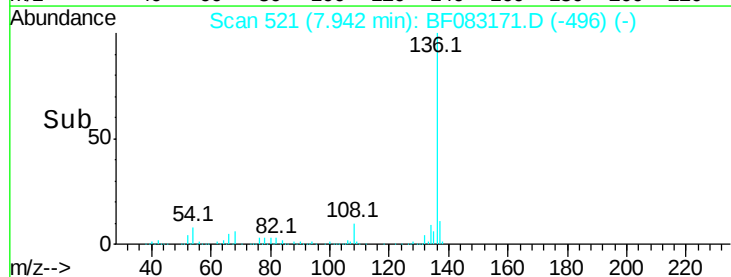


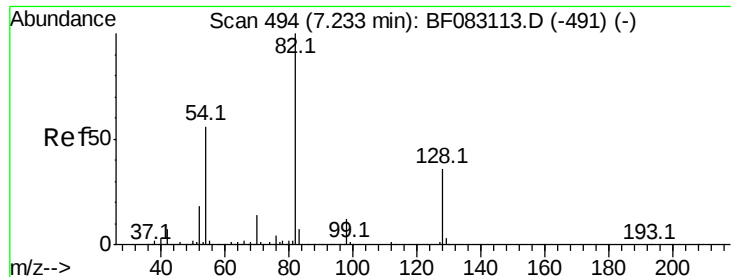
Abundance Ion 136.00 (135.70 to 136.70): E

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

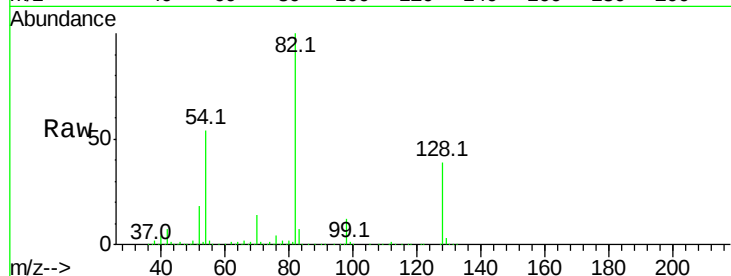




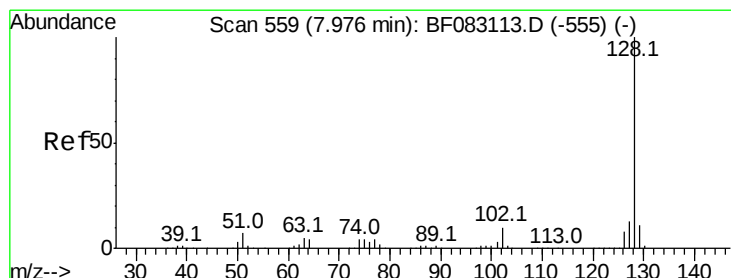
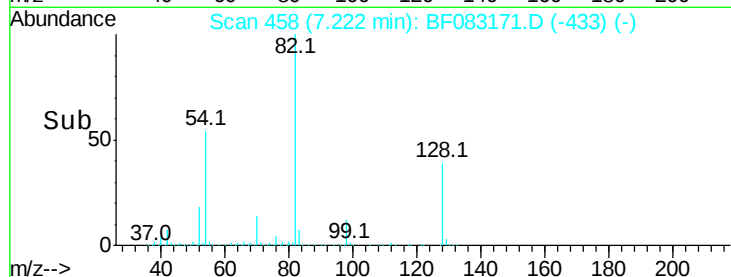
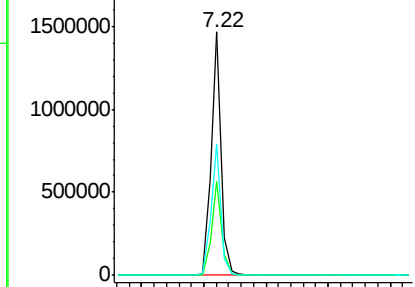
#23
Nitrobenzene-d5
Concen: 88.21 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

Tot Ion: 82 Resp: 1606175
Ion Ratio Lower Upper
82 100
128 38.5 28.5 42.7
54 53.9 44.6 67.0

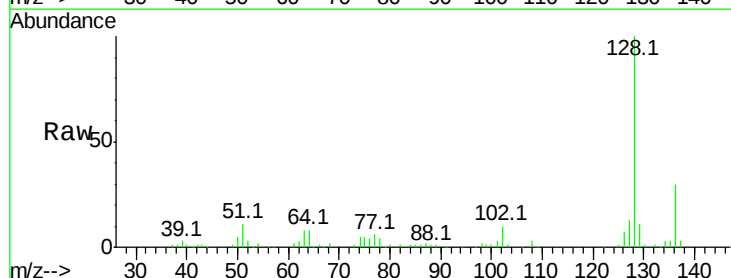


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

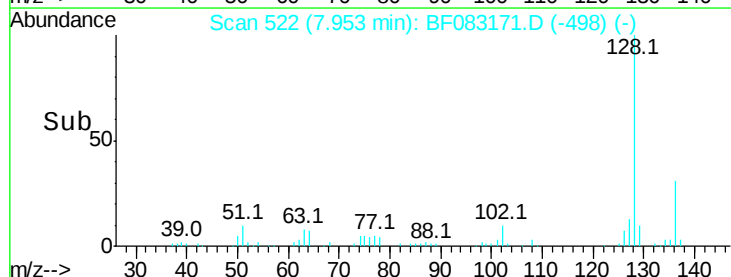
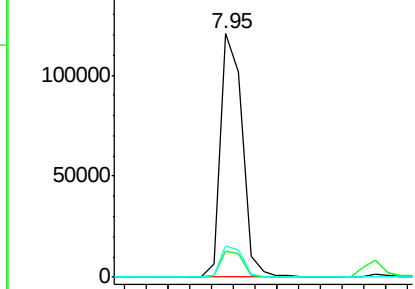


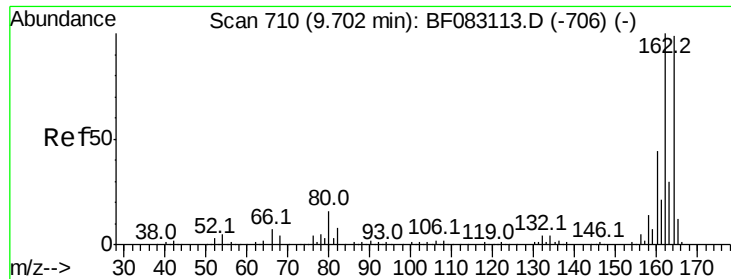
#31
Naphthalene
Concen: 3.73 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Tgt Ion: 128 Resp: 167487
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.6 15.8



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

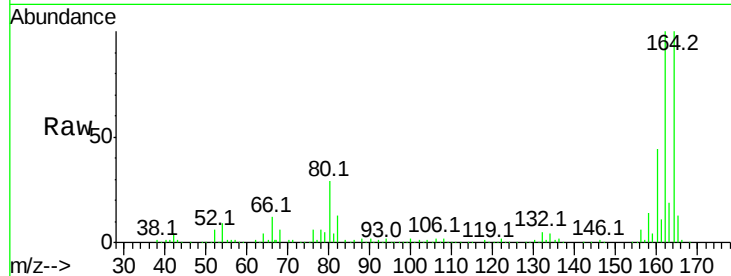




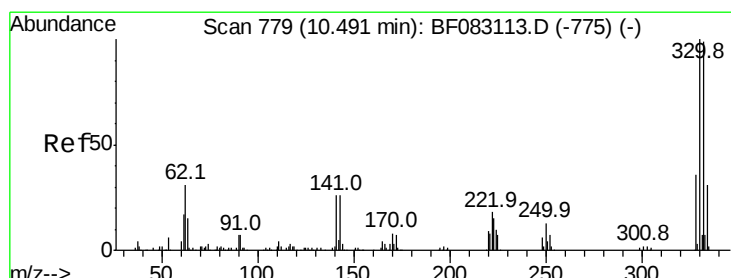
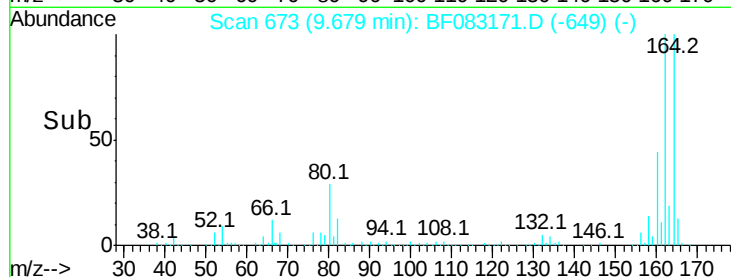
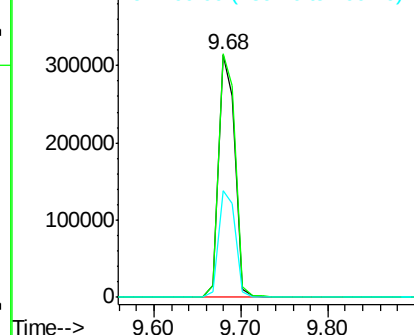
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

Tot Ion:164 Resp: 417750
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 44.0 35.6 53.4

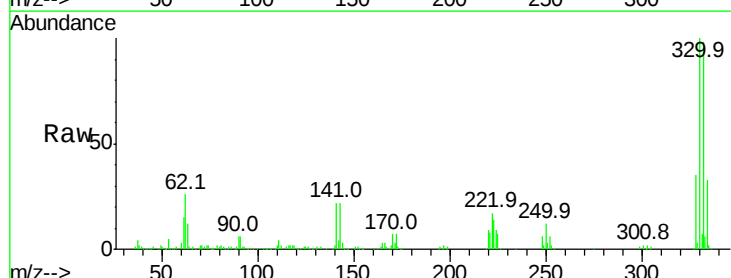


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

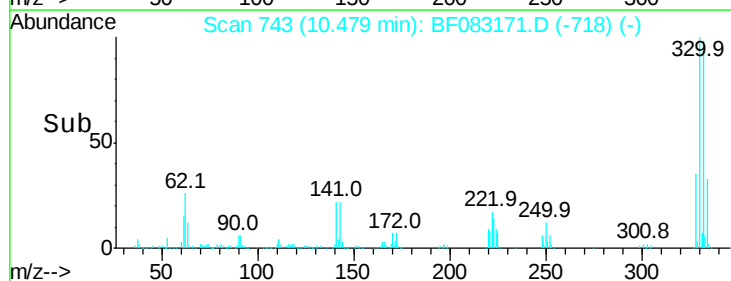
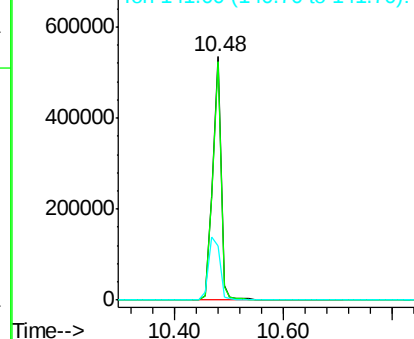


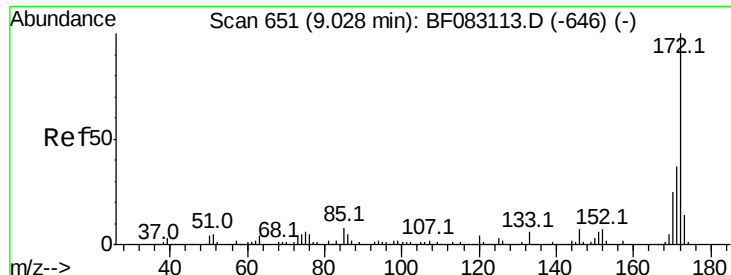
#41
2,4,6-Tribromophenol
Concen: 133.91 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Tgt Ion:330 Resp: 572312
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 34.5 29.7 44.5



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

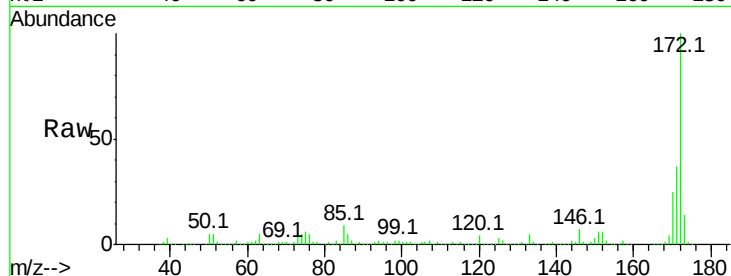




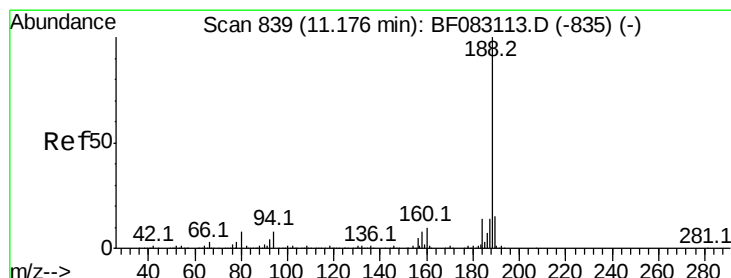
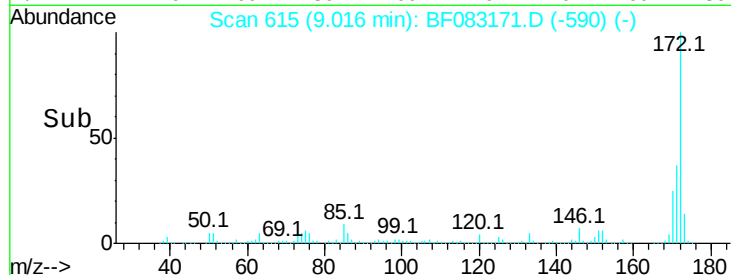
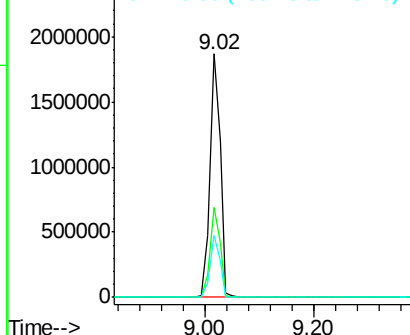
#44
 2-Fluorobiphenyl
 Concen: 83.25 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Instrument :
 BNA_F
 ClientSampleId :
 20151109MGP213BRV68.7

Tot Ion:172 Resp: 2494040
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 25.3 19.9 29.9

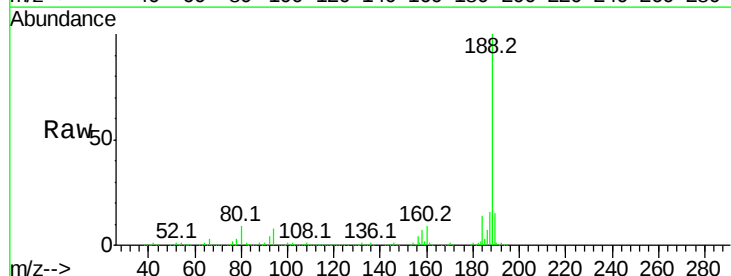


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

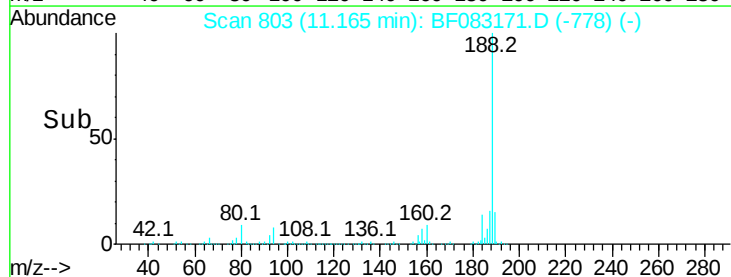
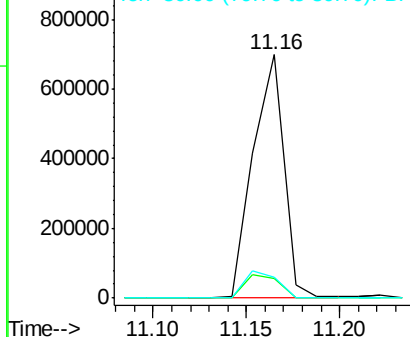


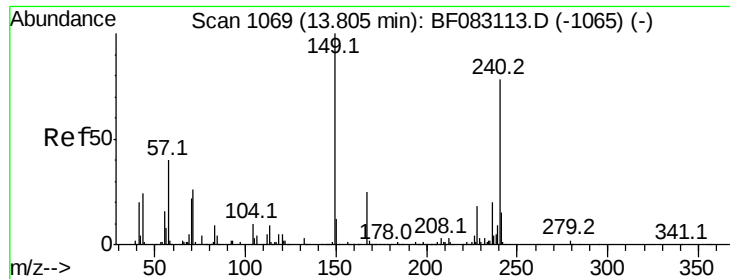
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF083171.D
 Acq: 22 Nov 2015 21:10

Tgt Ion:188 Resp: 799237
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.0 9.0
 80 8.6 6.7 10.1



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

Instrument :

BNA_F

ClientSampleId :

20151109MGP213BRV68.7

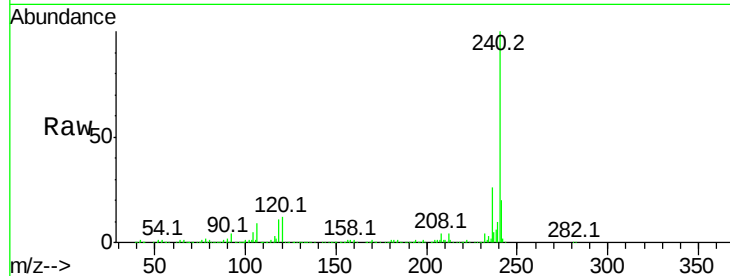
Tot Ion:240 Resp: 674464

Ion Ratio Lower Upper

240 100

120 12.4 5.4 8.2#

236 26.0 20.6 31.0



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

13.78

800000

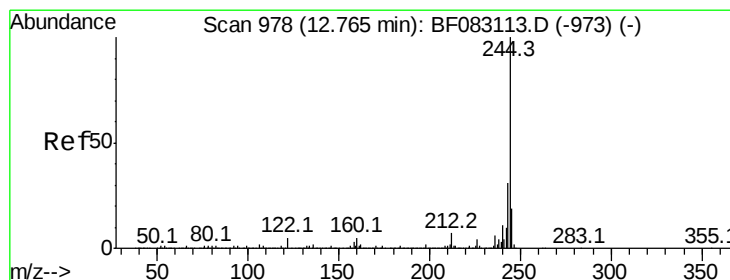
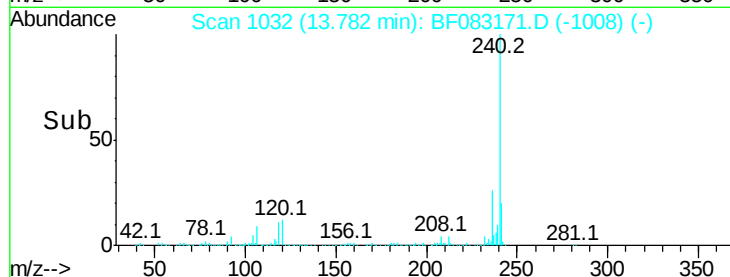
600000

400000

200000

0

Time-->



#78

Terphenyl-d14

Concen: 84.48 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083171.D

Acq: 22 Nov 2015 21:10

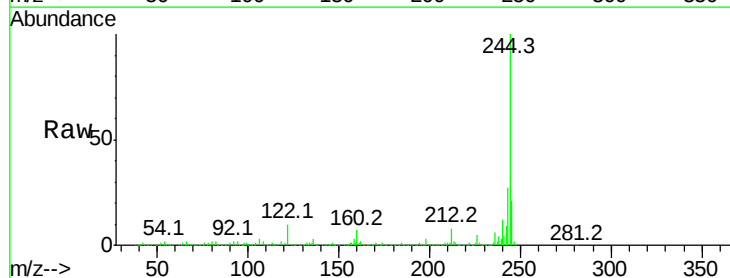
Tgt Ion:244 Resp: 2419541

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 9.8 4.3 6.5#



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

12.75

2500000

2000000

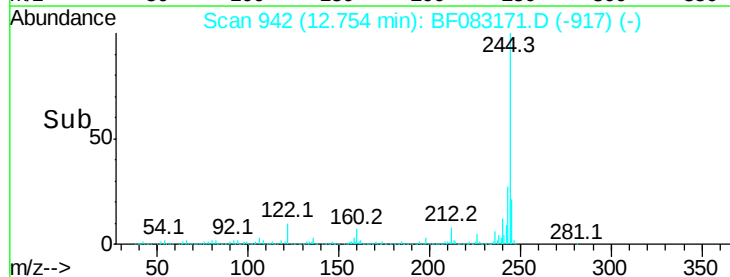
1500000

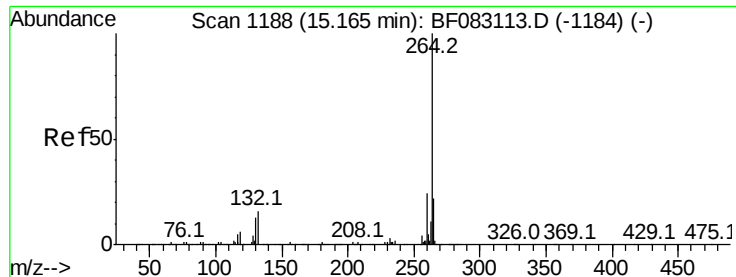
1000000

500000

0

Time-->

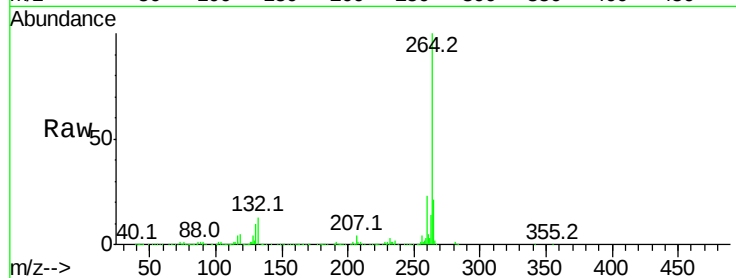




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083171.D
Acq: 22 Nov 2015 21:10

Instrument :
BNA_F
ClientSampleId :
20151109MGP213BRV68.7

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.0	18.2	27.4



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

