

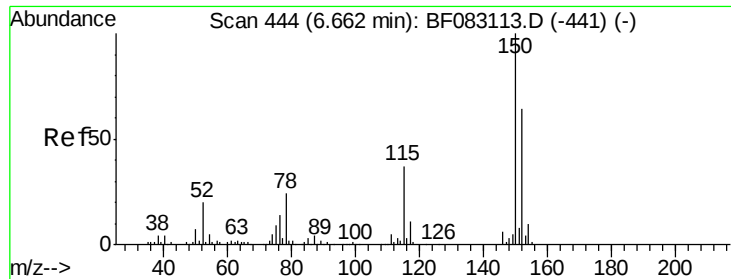
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083140.D
 Acq On : 22 Nov 2015 6:00
 Operator : UM/IZ
 Sample : G4505-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(8-9)

Quant Time: Nov 22 06:47:48 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 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201295	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	755705	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	377530	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	759051	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	653011	20.00	ng	-0.02
86) Perylene-d12	15.15	264	577057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1848786	69.43	ng	-0.01
7) Phenol-d6	6.32	99	2309852	67.04	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1443667	43.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	579916	75.07	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2102696	38.83	ng	-0.01
78) Terphenyl-d14	12.75	244	2253815	40.64	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.32	77	3507	Below Cal	#	4
49) Dimethylphthalate	9.42	163	414247	14.25	ng	100
56) 2,4-Dinitrotoluene	9.69	165	48197	5.83	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	40528	4.81	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-10(8-9)

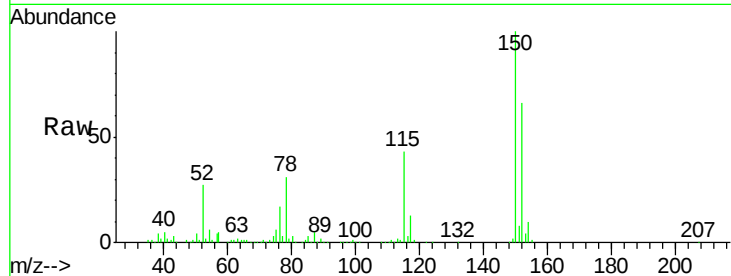
Tgt Ion:152 Resp: 201295

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.8

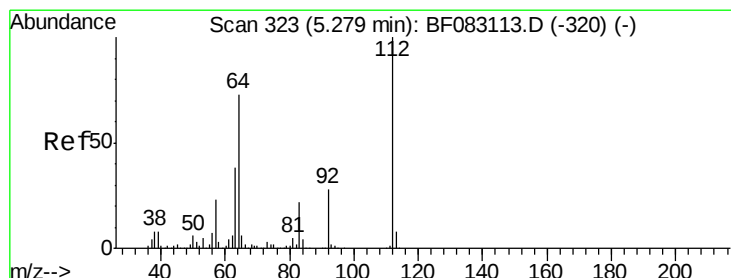
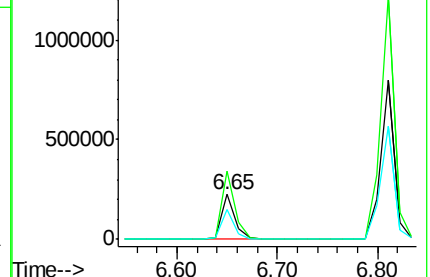
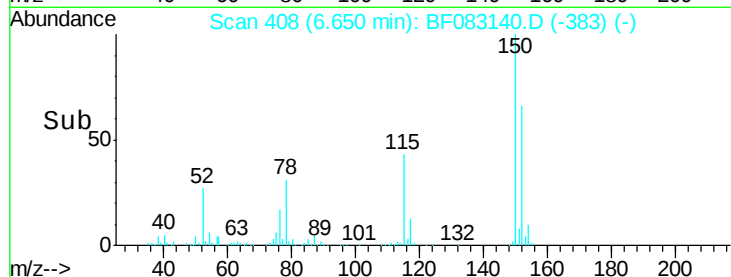
115 66.1 46.9 70.3



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: 69.43 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

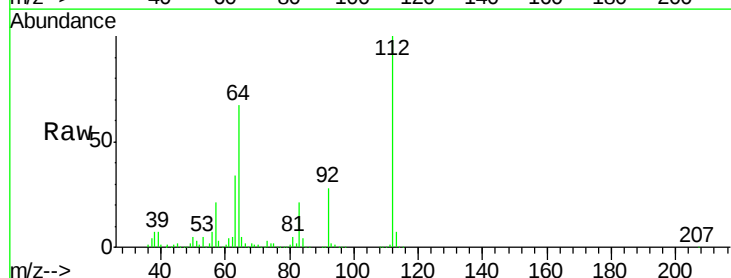
Tgt Ion:112 Resp: 1848786

Ion Ratio Lower Upper

112 100

64 67.2 58.4 87.6

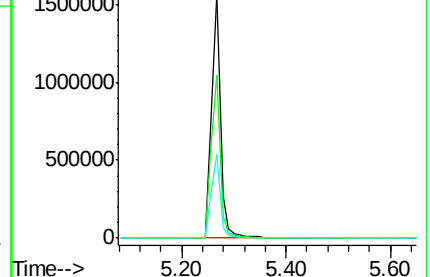
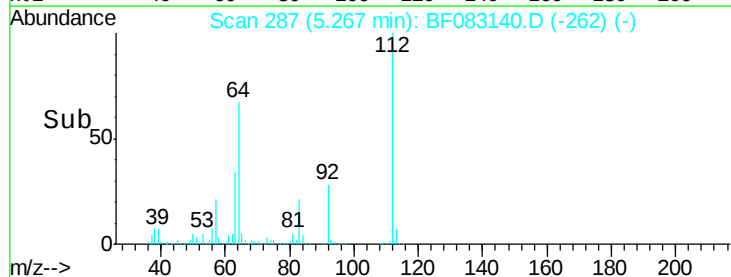
63 34.5 30.0 45.0

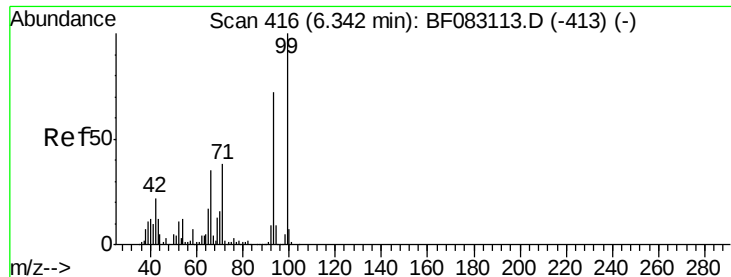


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.04 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-10(8-9)

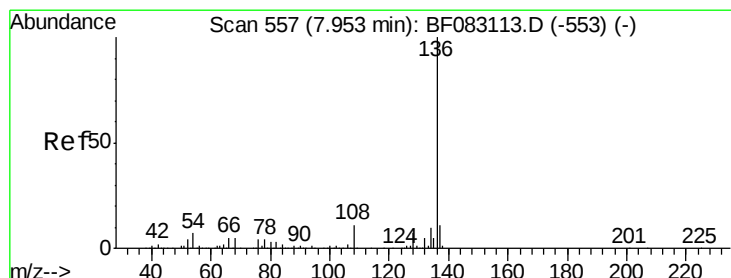
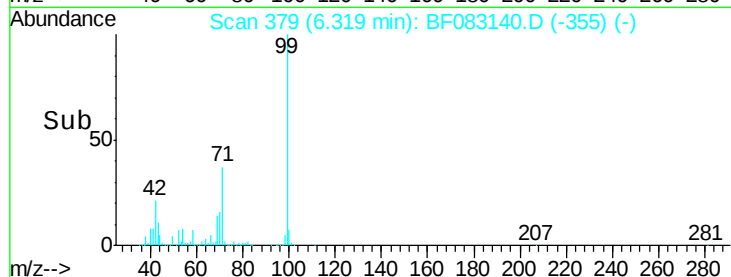
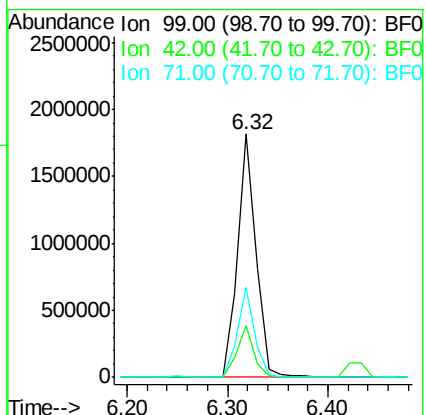
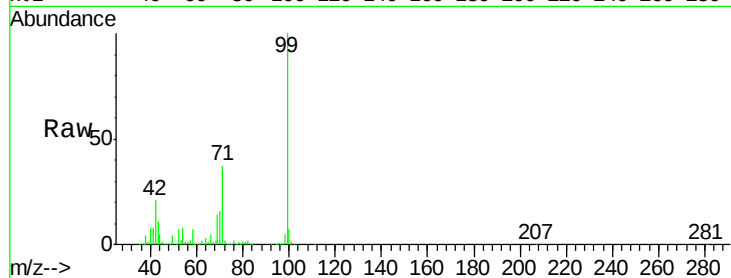
Tgt Ion: 99 Resp: 2309852

Ion Ratio Lower Upper

99 100

42 21.2 17.7 26.5

71 36.8 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Tgt Ion: 136 Resp: 755705

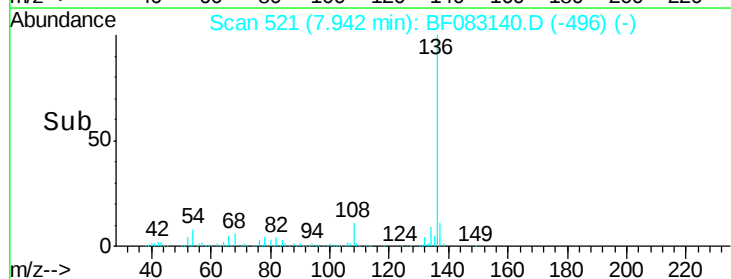
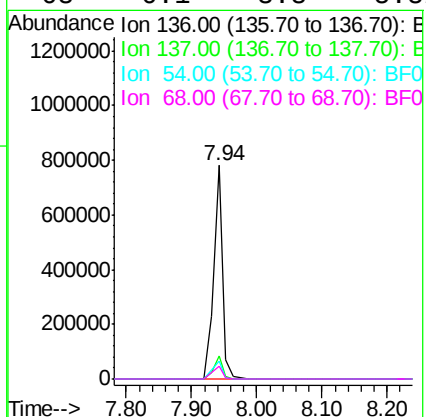
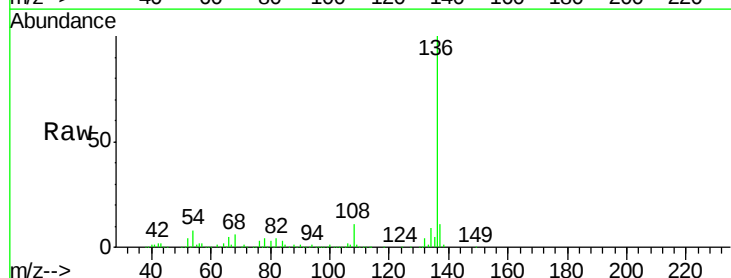
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.5 5.8 8.6

68 6.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 43.65 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

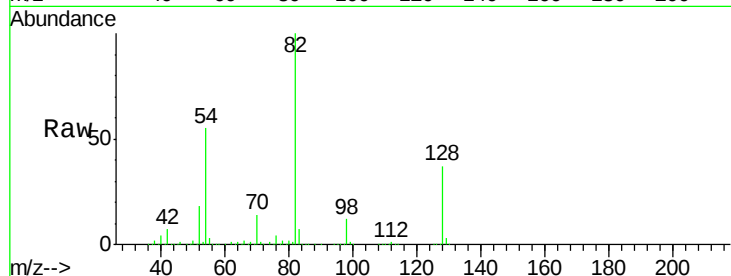
BNA_F

ClientSampleId :

SB-10(8-9)

Tgt Ion: 82 Resp: 1443667

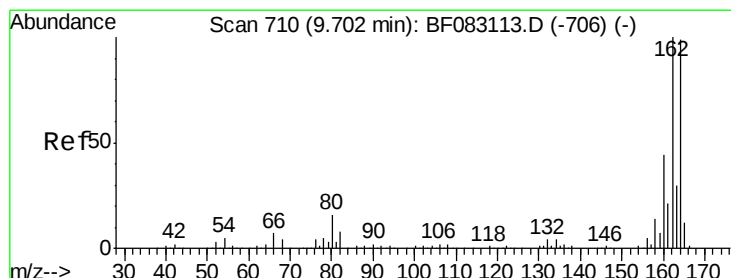
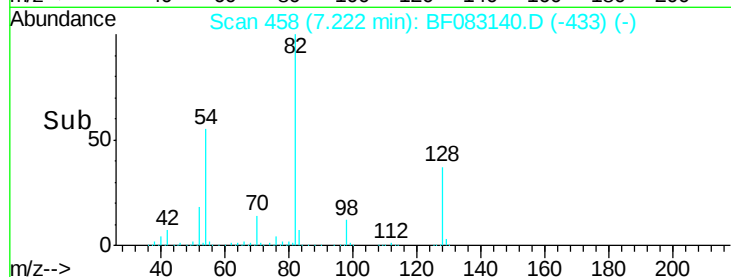
Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.5	42.7
54	55.0	44.6	67.0



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: 9.69 min Scan# 674

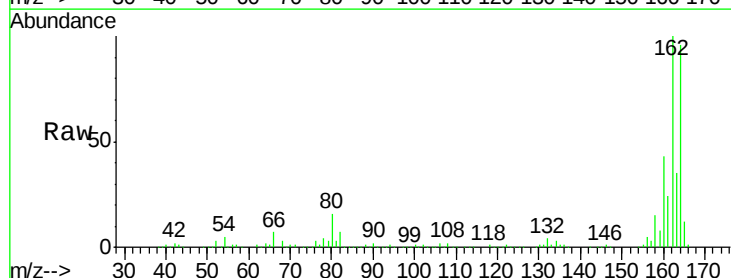
Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Tgt Ion:164 Resp: 377530

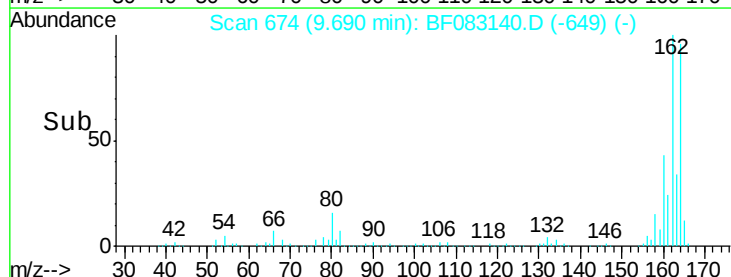
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.2	121.8
160	45.3	35.6	53.4

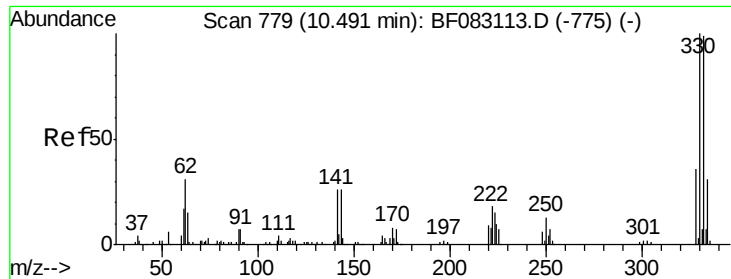


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

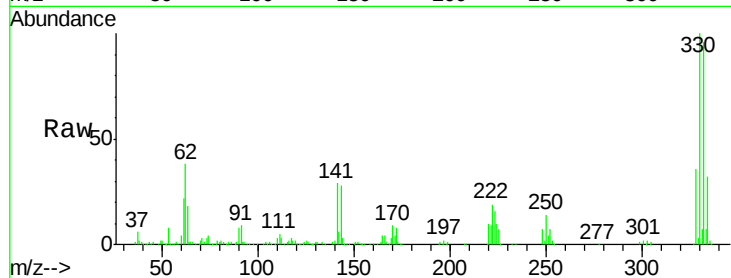




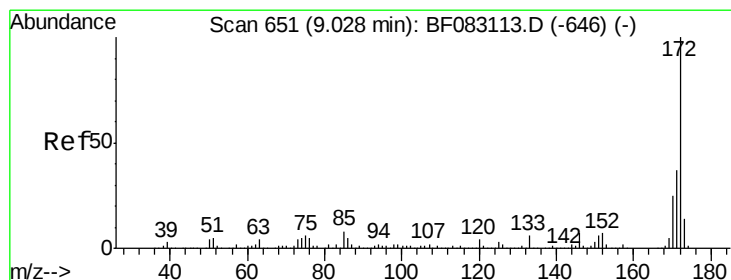
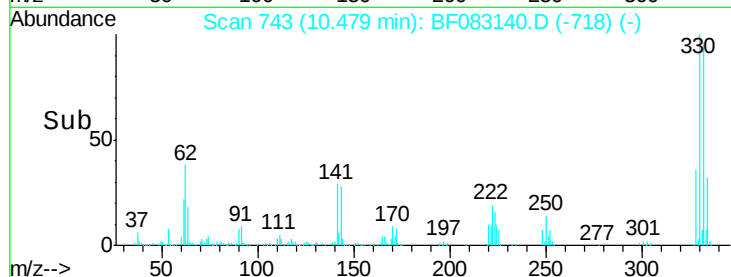
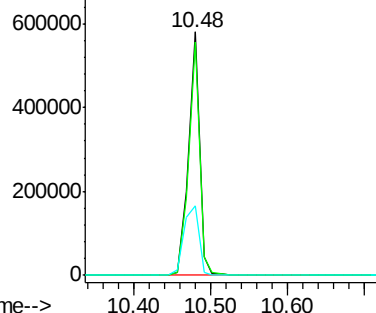
#41
 2,4,6-Tribromophenol
 Concen: 75.07 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083140.D
 Acq: 22 Nov 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(8-9)

Tgt Ion:330 Resp: 579916
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 38.9 29.7 44.5

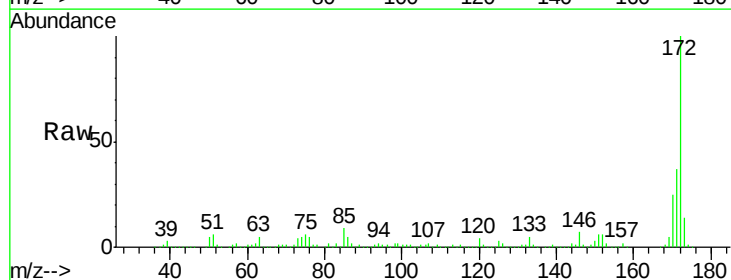


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

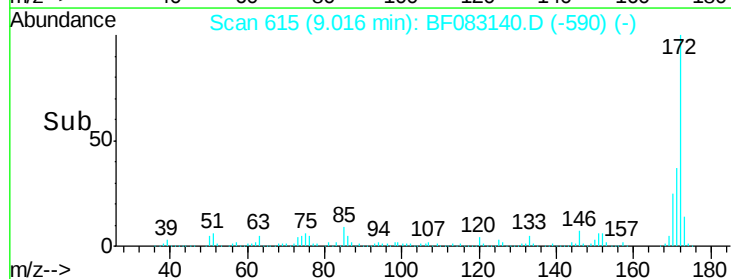
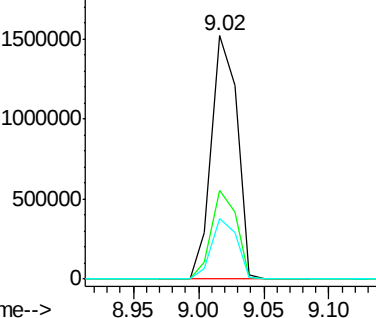


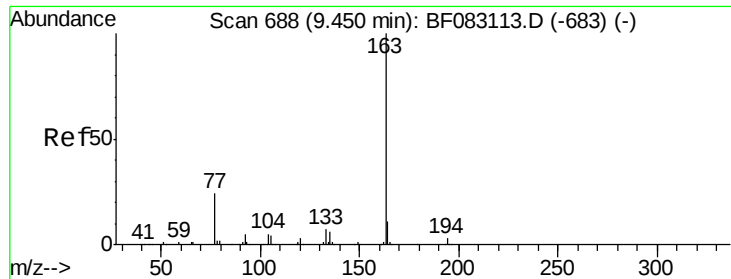
#44
 2-Fluorobiphenyl
 Concen: 38.83 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083140.D
 Acq: 22 Nov 2015 6:00

Tgt Ion:172 Resp: 2102696
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.8 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

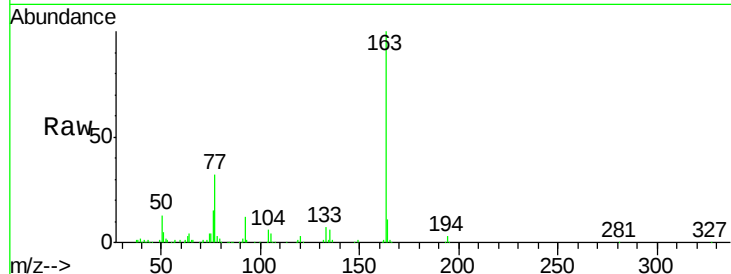




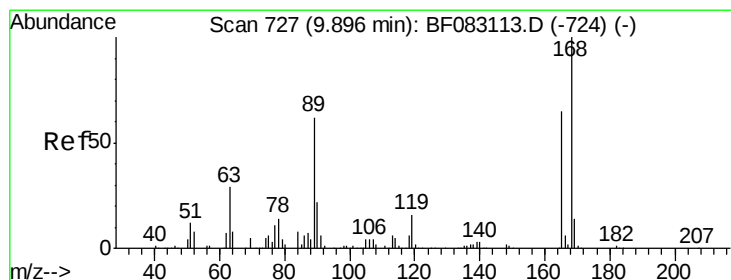
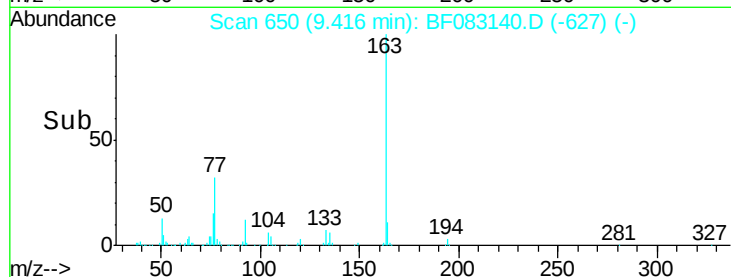
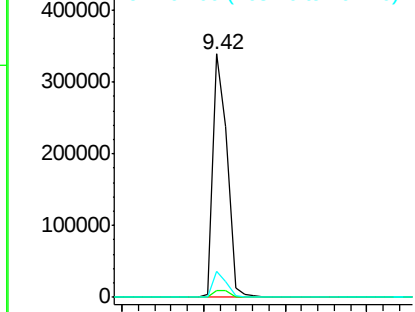
#49
Dimethylphthalate
Concen: 14.25 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

Tgt Ion:163 Resp: 414247
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 10.7 8.6 12.8

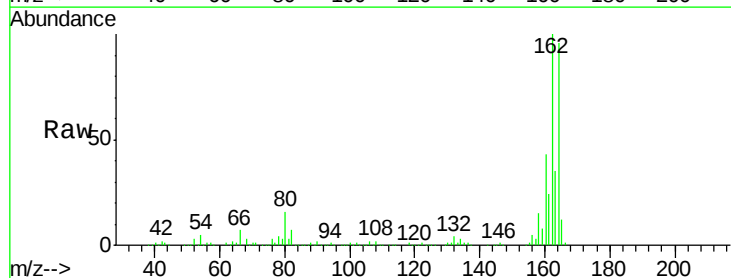


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

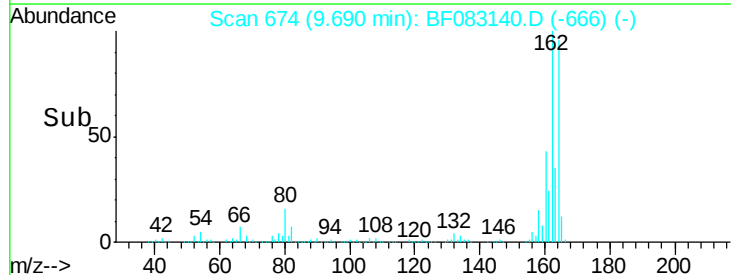
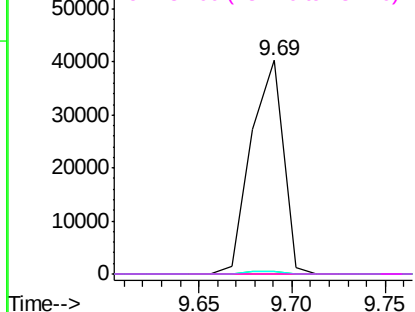


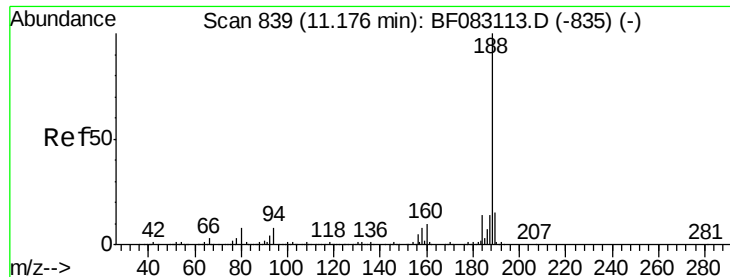
#56
2,4-Dinitrotoluene
Concen: 5.83 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.21 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Tgt Ion:165 Resp: 48197
Ion Ratio Lower Upper
165 100
63 1.4 54.5 81.7#
89 1.3 77.3 115.9#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

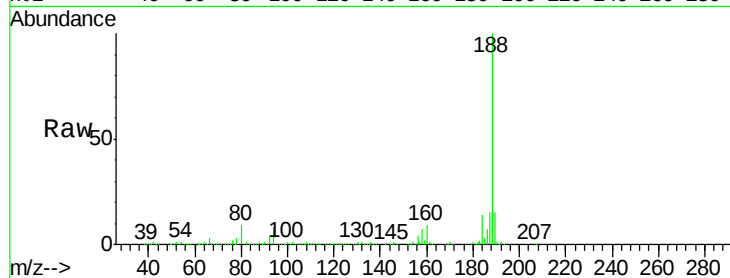




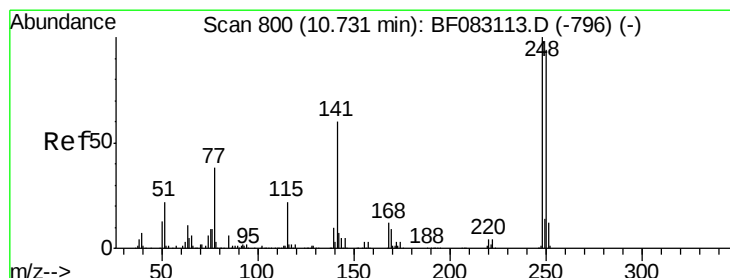
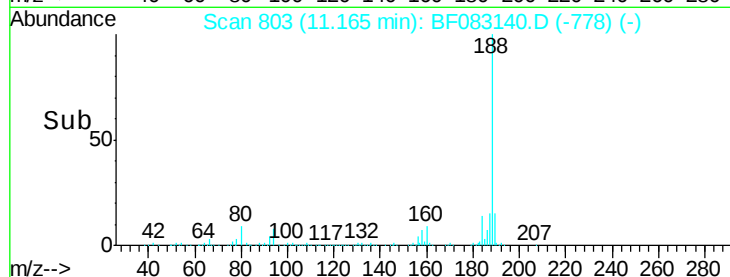
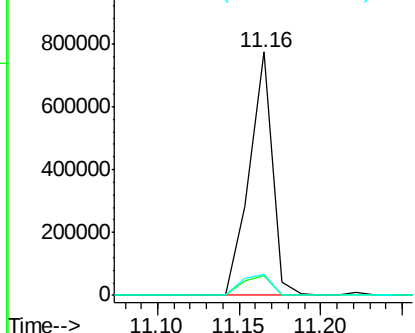
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

Tgt Ion:188 Resp: 759051
Ion Ratio Lower Upper
188 100
94 8.0 6.0 9.0
80 8.6 6.7 10.1

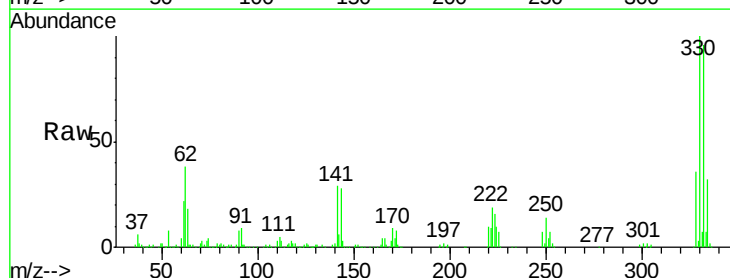


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

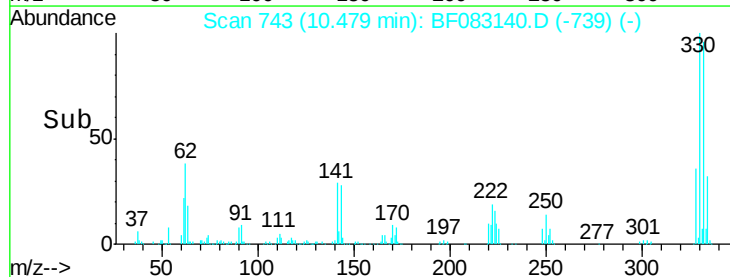
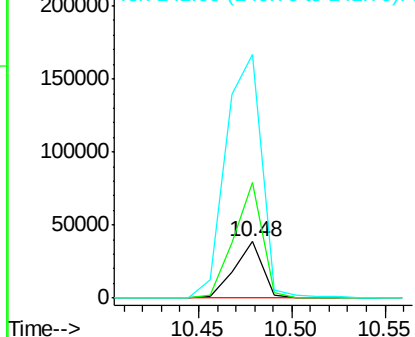


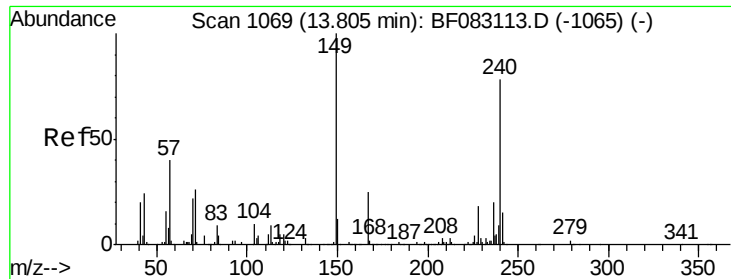
#66
4-Bromophenyl-phenylether
Concen: 4.81 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.25 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Tgt Ion:248 Resp: 40528
Ion Ratio Lower Upper
248 100
250 206.2 75.4 113.2#
141 433.1 48.1 72.1#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-10(8-9)

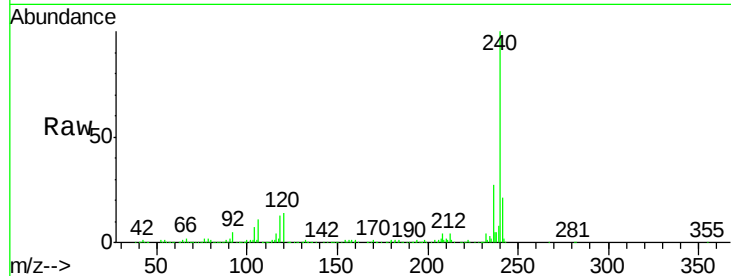
Tgt Ion:240 Resp: 653011

Ion Ratio Lower Upper

240 100

120 13.9 5.4 8.2#

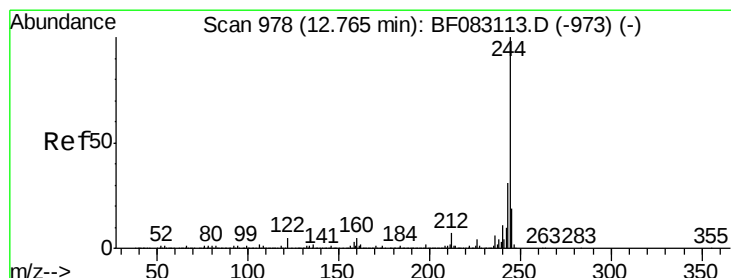
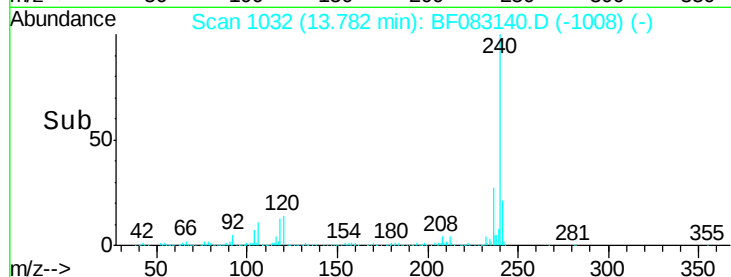
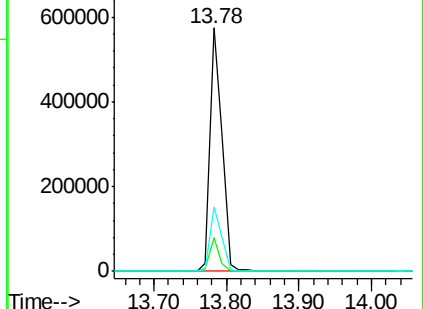
236 26.5 20.6 31.0



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



#78

Terphenyl-d14

Concen: 40.64 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

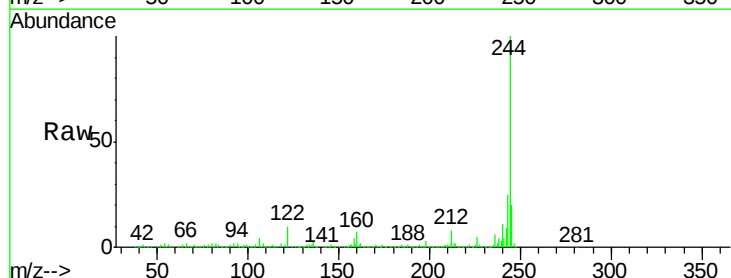
Tgt Ion:244 Resp: 2253815

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

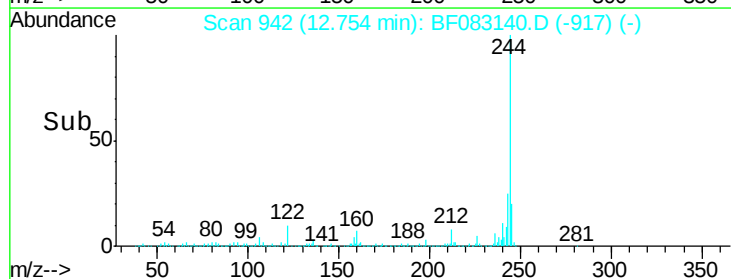
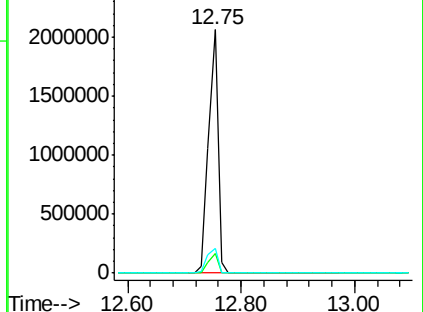
122 10.2 4.3 6.5#

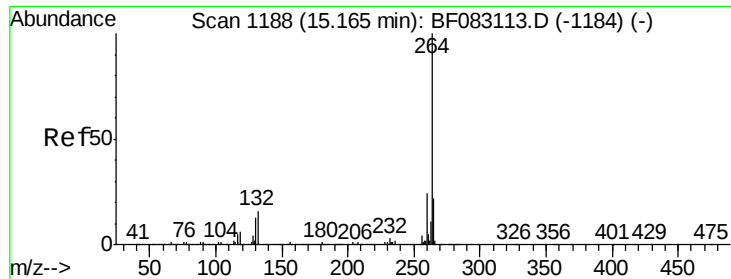


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-10(8-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.6	18.2	27.4

