

Data Path : V:\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 09:55:59 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

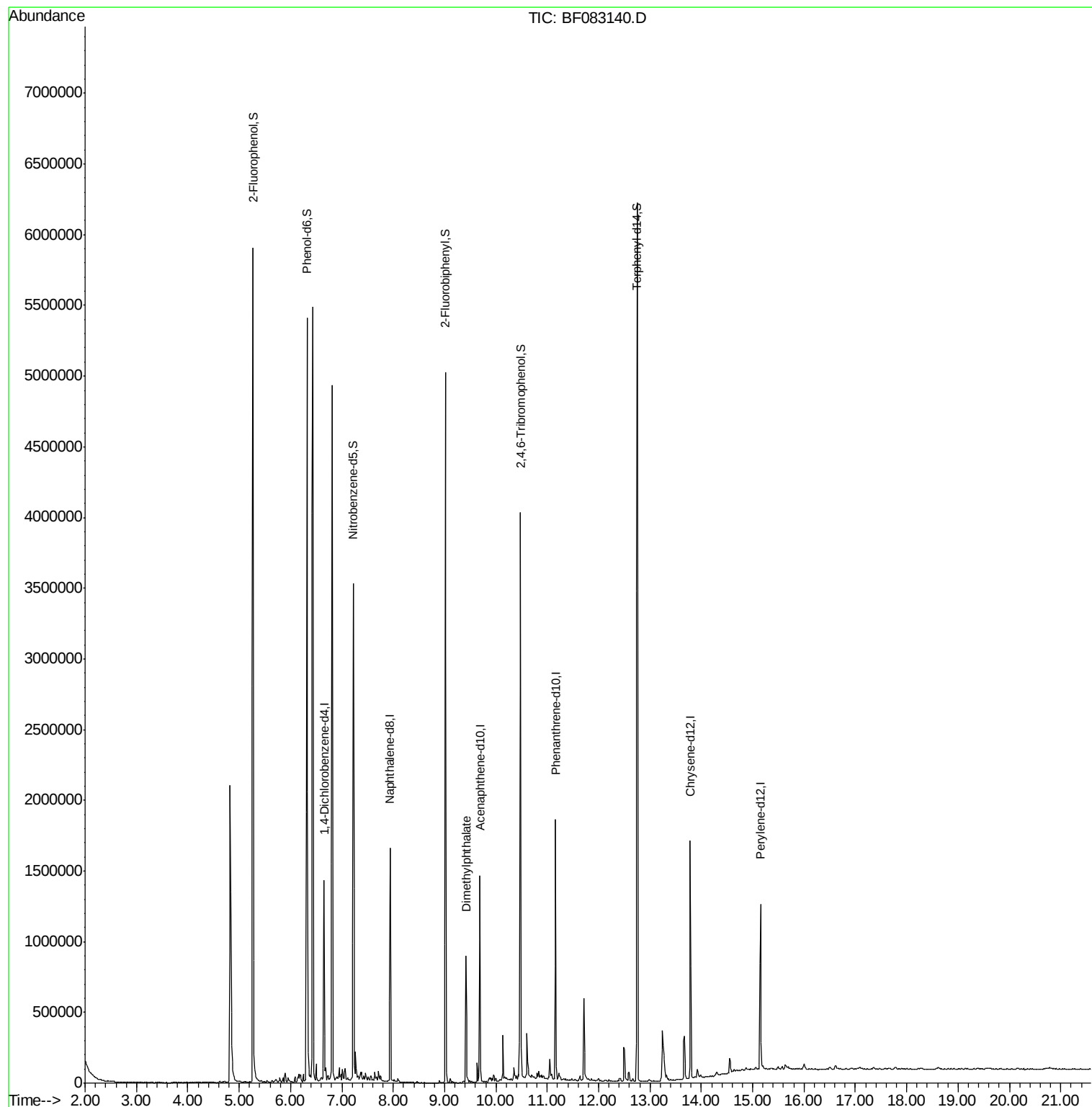
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	201295	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	755705	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	377530	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	759051	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	653011	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	138.86	ng	-0.01
7) Phenol-d6	6.32	99	2309852	134.08	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1443667	87.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	579916	150.15	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2102696	77.67	ng	-0.01
78) Terphenyl-d14	12.75	244	2253815	81.28	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.42	163	414247	14.25	ng	Qvalue 100

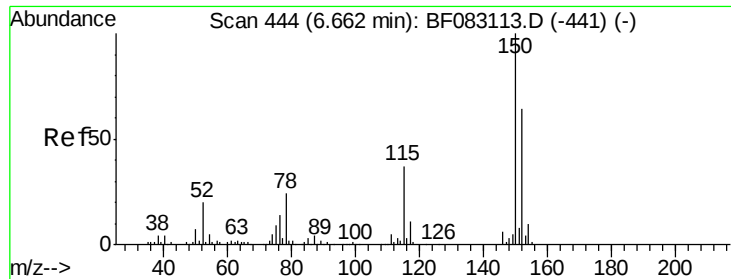
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : V:\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 09:55:59 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: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

BNA_F

ClientSampleId :

SB-10(8-9)

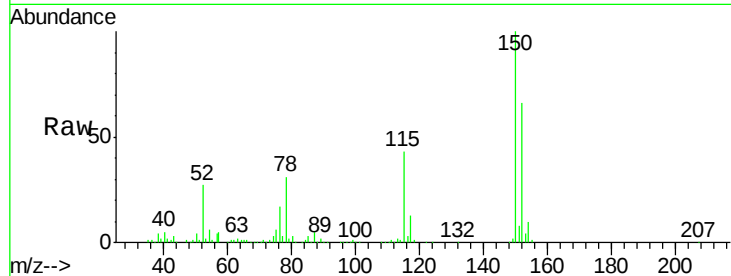
Tot Ion:152 Resp: 201295

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.8

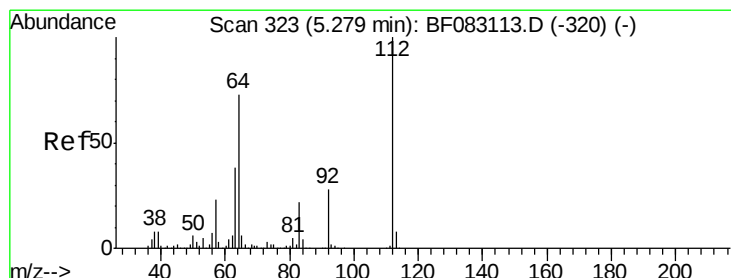
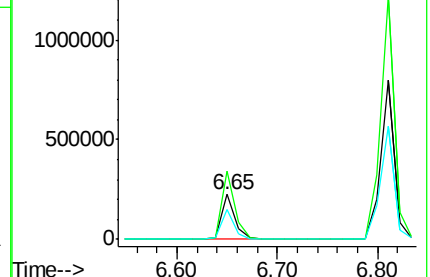
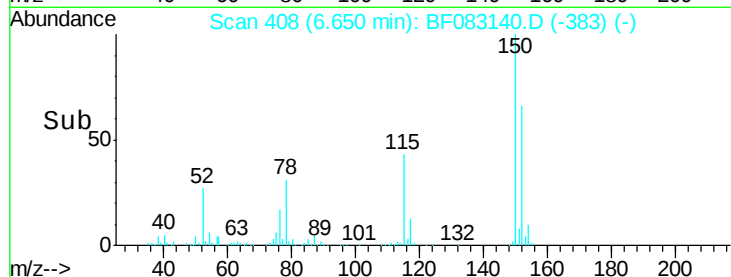
115 66.1 46.9 70.3



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: 138.86 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

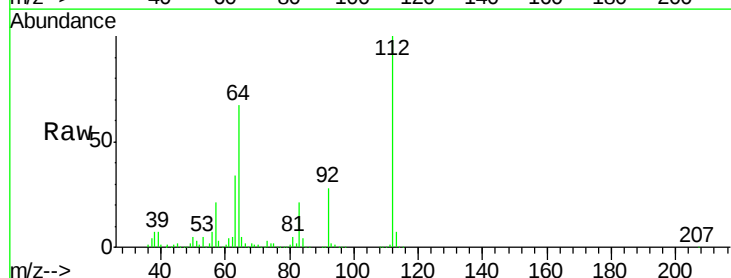
Tgt Ion:112 Resp: 1848786

Ion Ratio Lower Upper

112 100

64 67.2 58.4 87.6

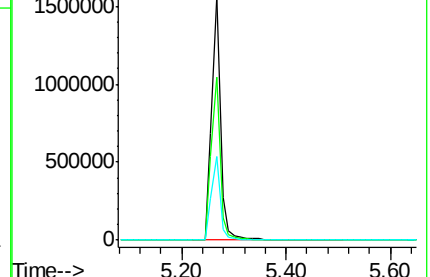
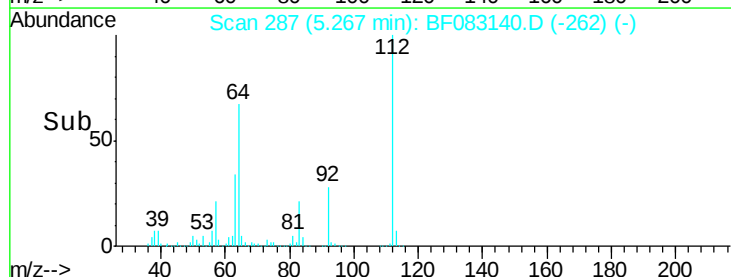
63 34.5 30.0 45.0



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: 134.08 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)

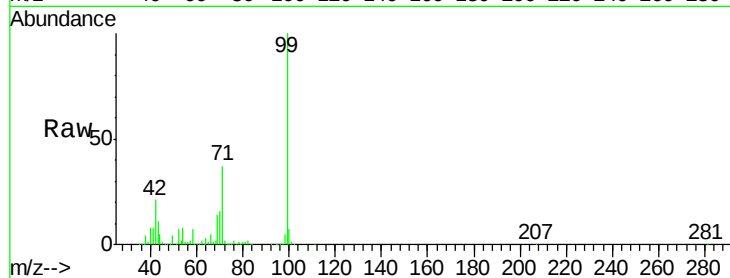
Tot Ion: 99 Resp: 2309852

Ion Ratio Lower Upper

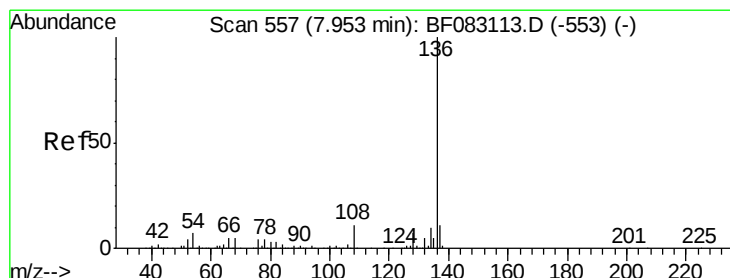
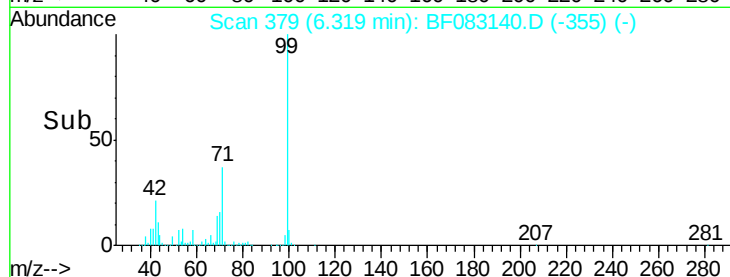
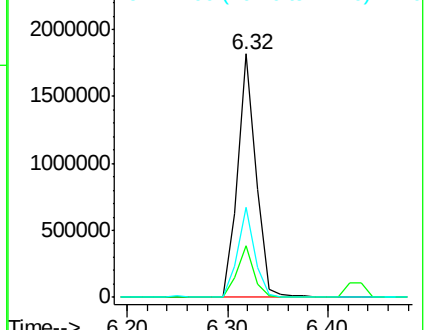
99 100

42 21.2 17.7 26.5

71 36.8 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: BF083140.D

Acq: 22 Nov 2015 6:00

Tgt Ion: 136 Resp: 755705

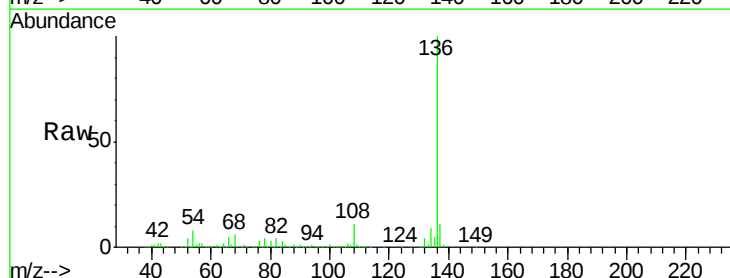
Ion Ratio Lower Upper

136 100

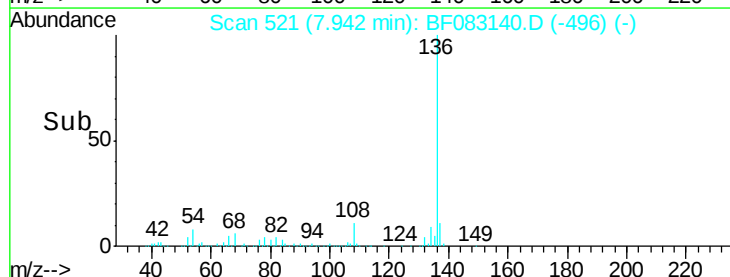
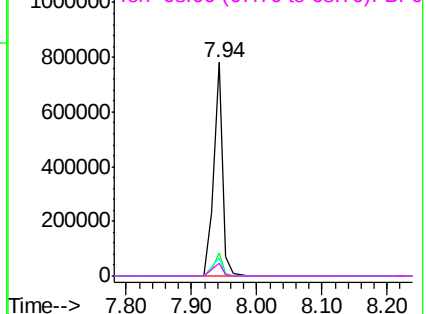
137 10.7 8.7 13.1

54 8.5 5.8 8.6

68 6.1 3.8 5.8#



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: 87.29 ng

RT: 7.22 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Instrument :

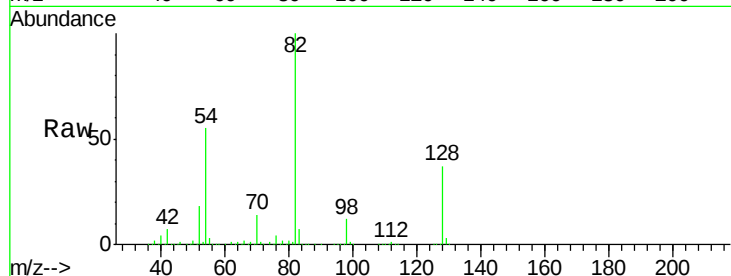
BNA_F

ClientSampleId :

SB-10(8-9)

Tot Ion: 82 Resp: 1443667

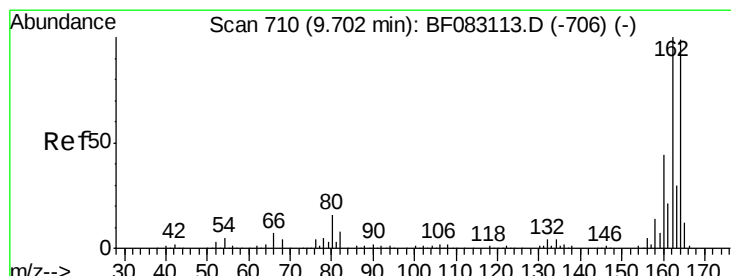
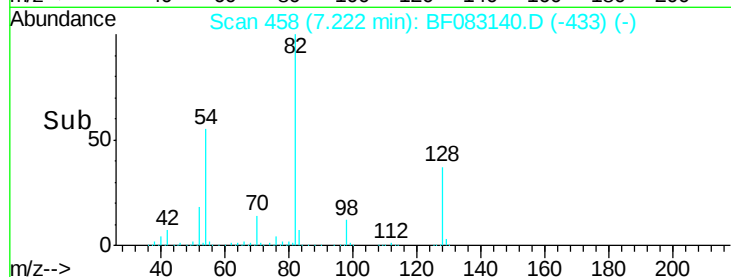
Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.5	42.7
54	55.0	44.6	67.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

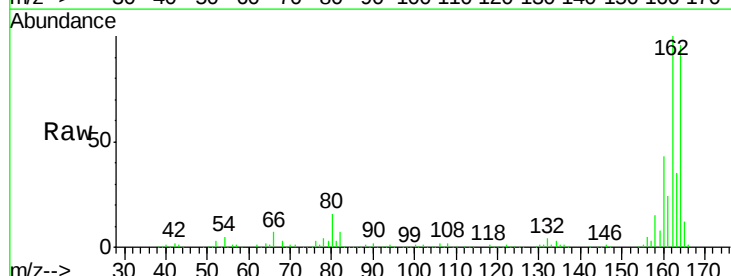
Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

Tgt Ion:164 Resp: 377530

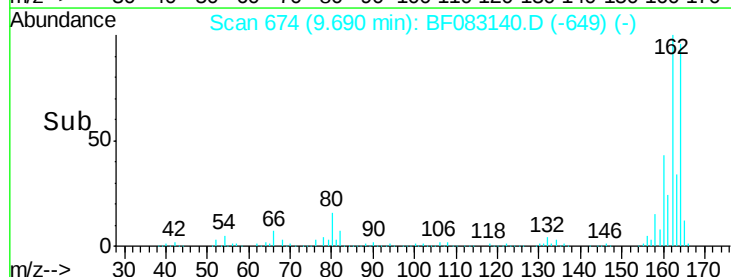
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.2	121.8
160	45.3	35.6	53.4

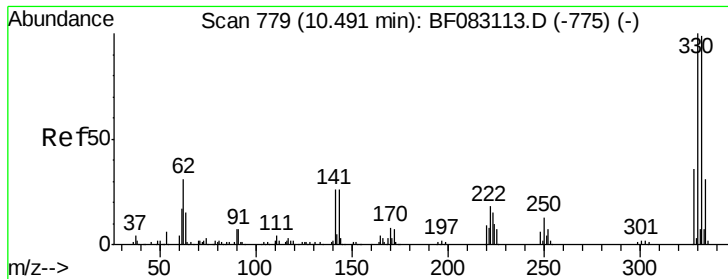


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

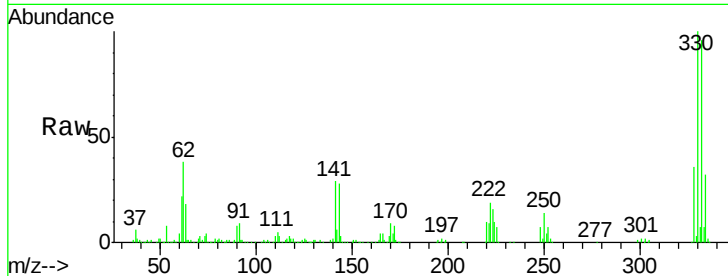




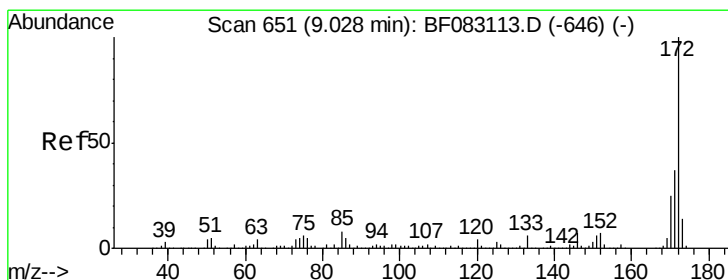
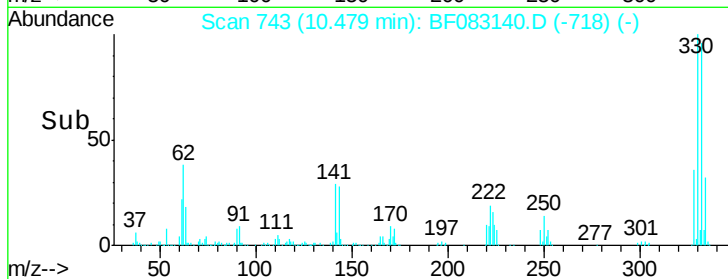
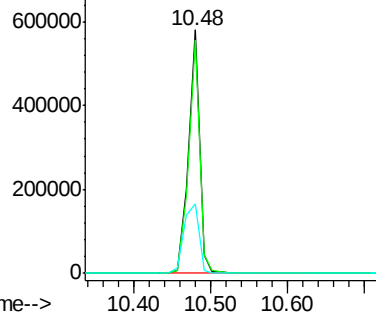
#41
 2,4,6-Tribromophenol
 Concen: 150.15 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083140.D
 Acq: 22 Nov 2015 6:00

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	38.9	29.7	44.5

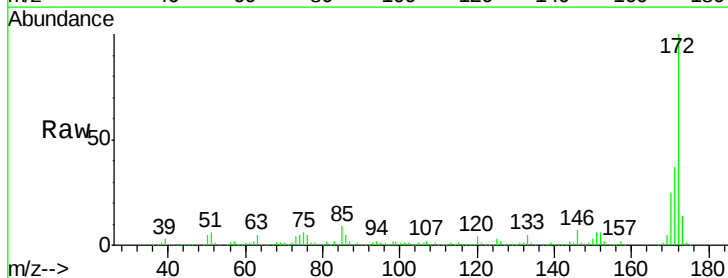


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

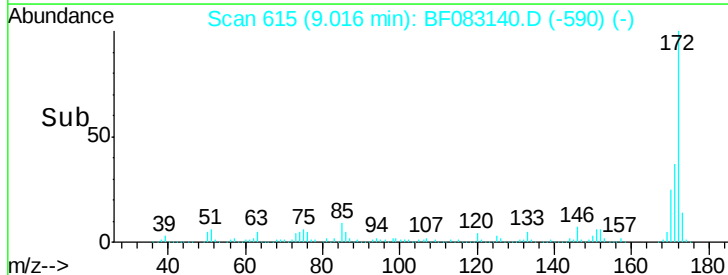
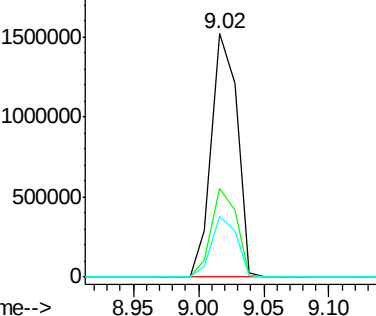


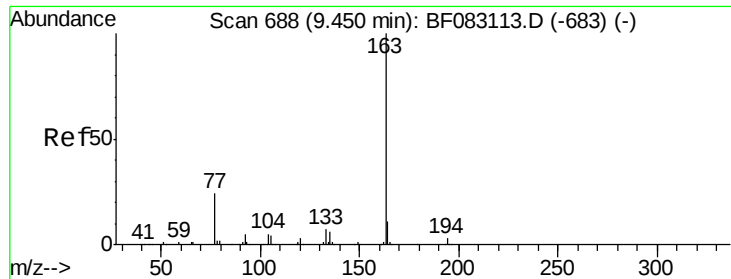
#44
 2-Fluorobiphenyl
 Concen: 77.67 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083140.D
 Acq: 22 Nov 2015 6:00

Tgt Ion	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

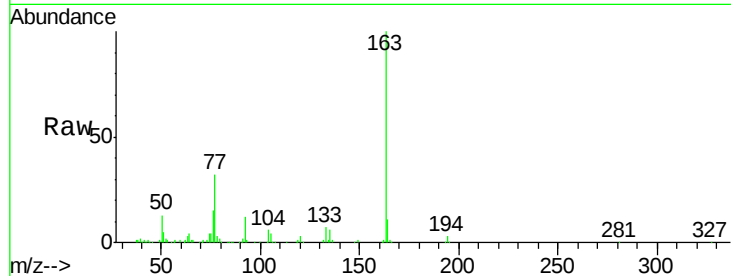




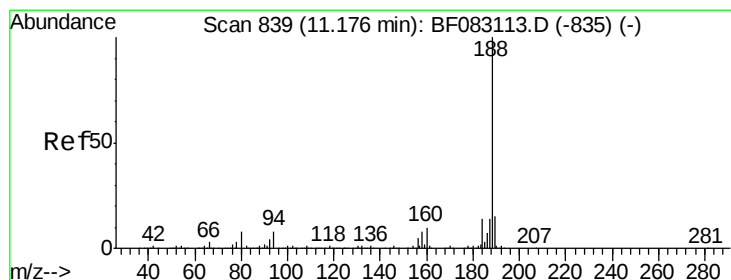
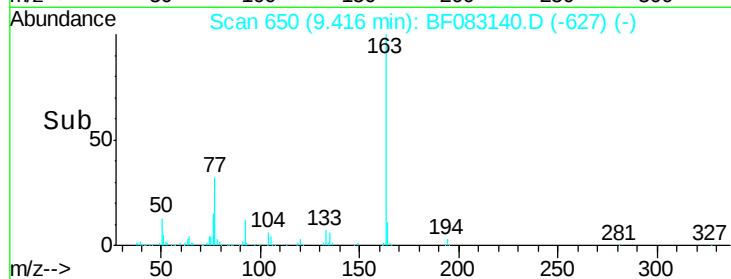
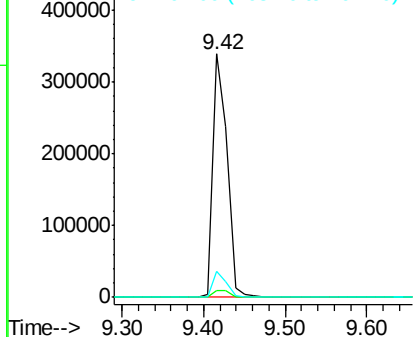
#49
Dimethylphthalate
Concen: 14.25 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	10.7	8.6	12.8

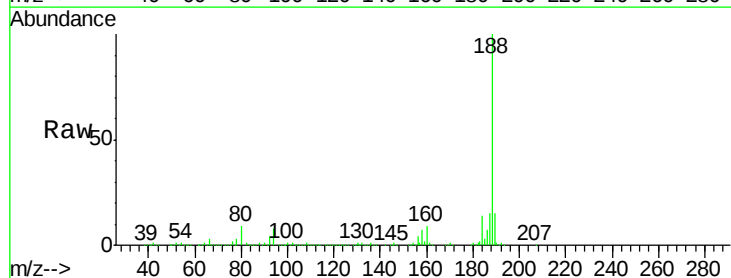


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

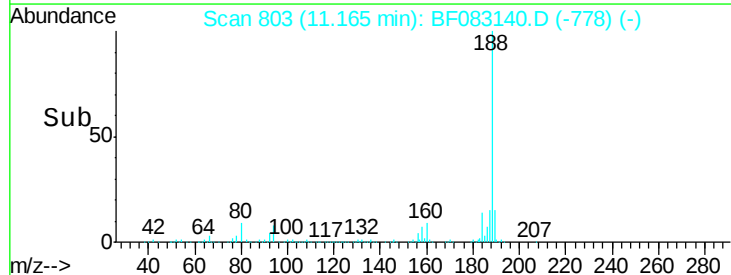
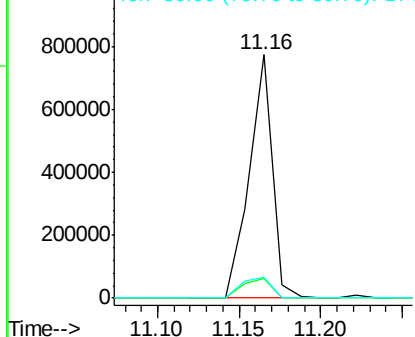


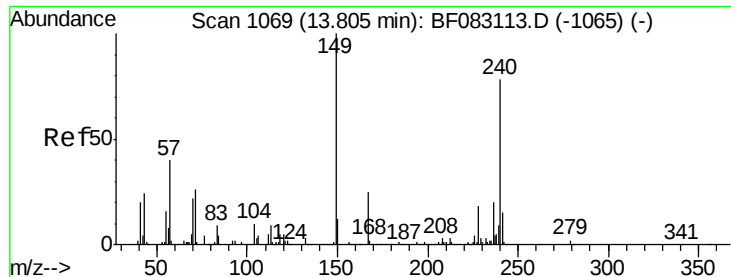
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

Tgt 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





#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)

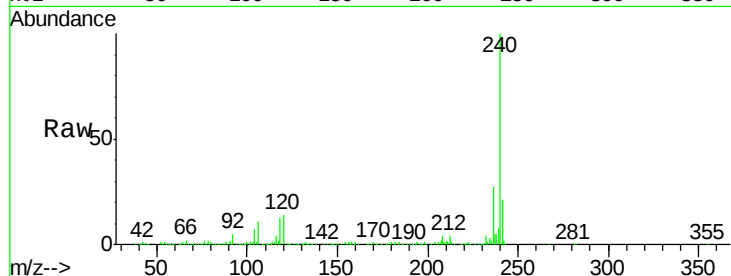
Tot Ion:240 Resp: 653011

Ion Ratio Lower Upper

240 100

120 13.9 5.4 8.2#

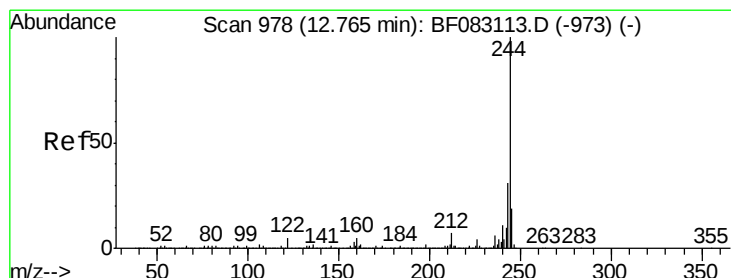
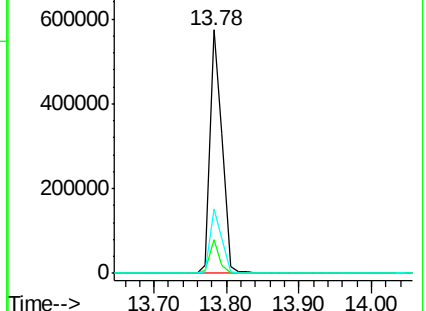
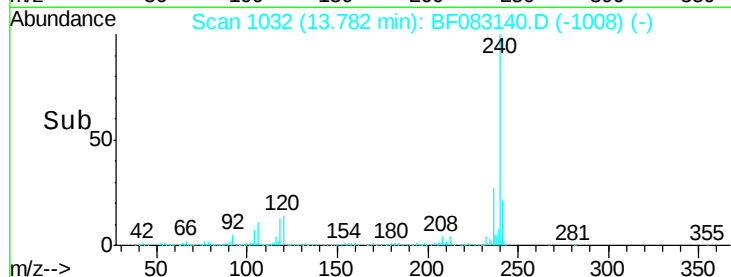
236 26.5 20.6 31.0



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: 81.28 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083140.D

Acq: 22 Nov 2015 6:00

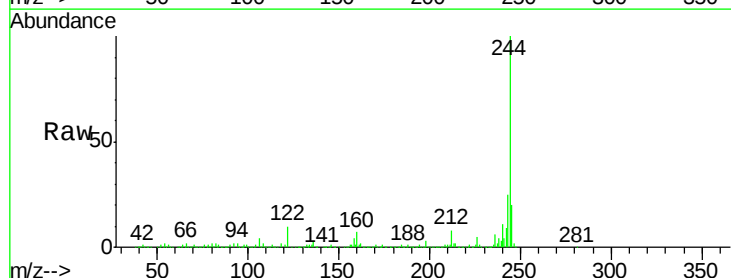
Tgt Ion:244 Resp: 2253815

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

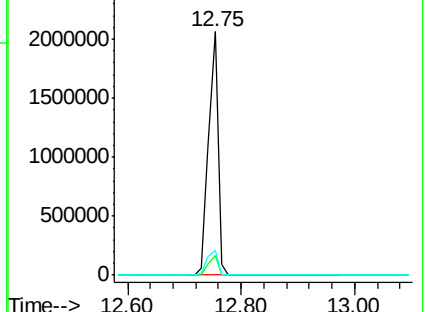
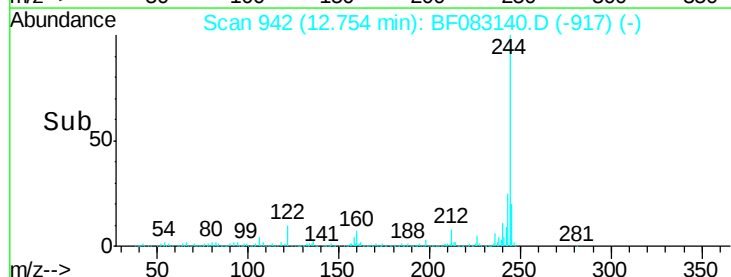
122 10.2 4.3 6.5#

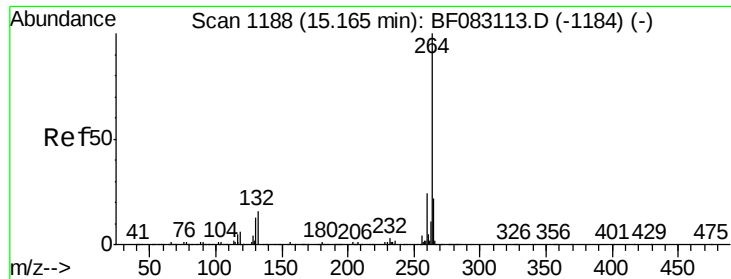


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

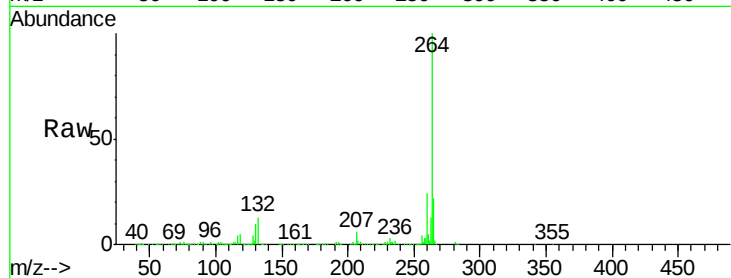




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083140.D
Acq: 22 Nov 2015 6:00

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.6	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

