

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083141.D
 Acq On : 22 Nov 2015 6:30
 Operator : UM/IZ
 Sample : G4505-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(7.5-9.5)

Quant Time: Nov 23 03:02:51 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

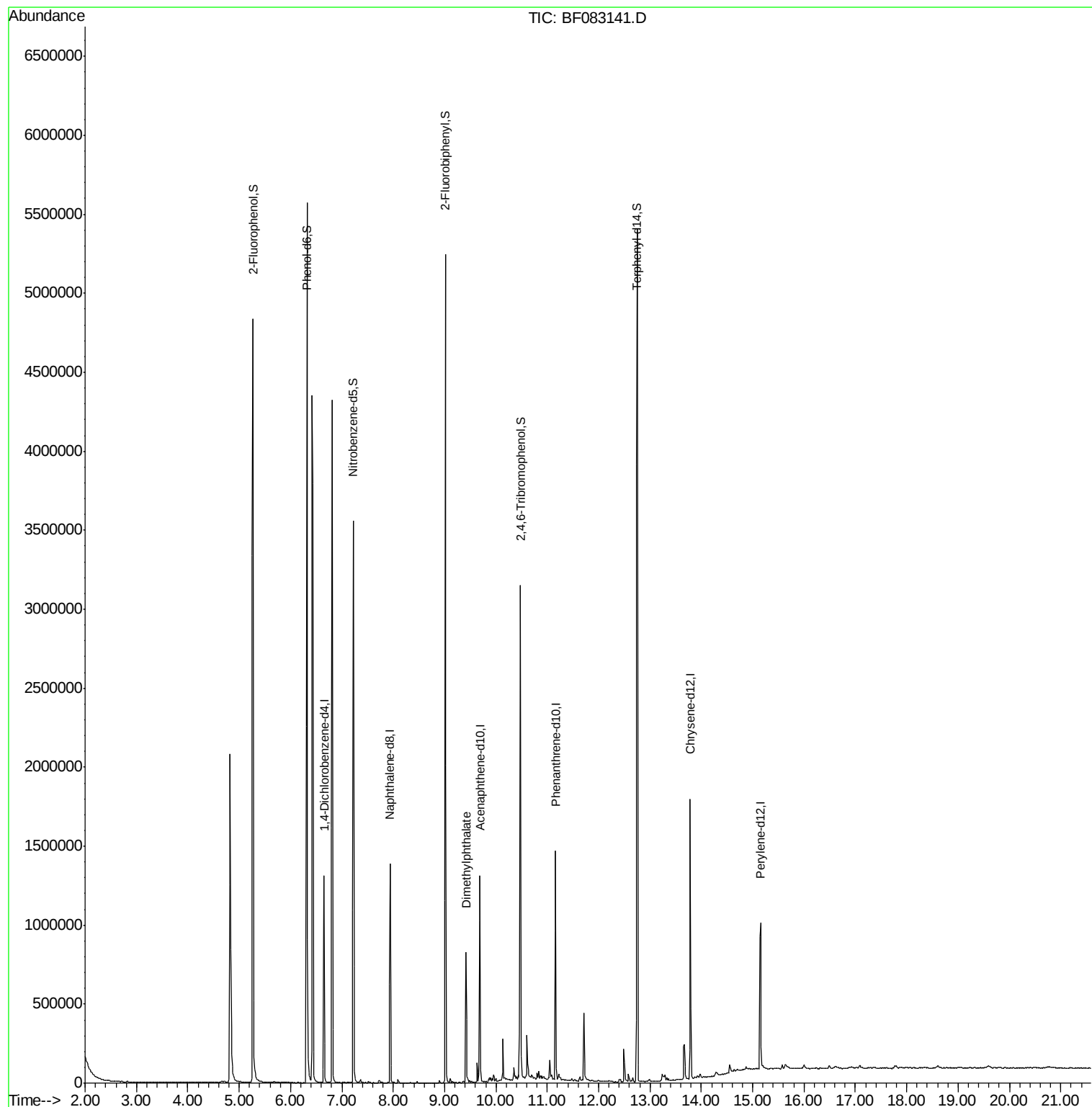
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	189751	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	709938	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	358289	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	679339	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	622628	20.00	ng	-0.02
86) Perylene-d12	15.15	264	521691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1724077	137.37	ng	-0.01
7) Phenol-d6	6.32	99	2109536	129.90	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1340773	86.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	534338	145.77	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1924755	74.91	ng	-0.01
78) Terphenyl-d14	12.75	244	2223538	84.10	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.42	163	378006	13.70	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083141.D

Acq: 22 Nov 2015 6:30

Instrument :

BNA_F

ClientSampleId :

SB-23(7.5-9.5)

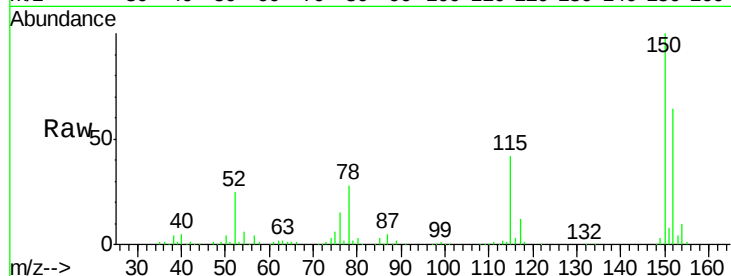
Tot Ion:152 Resp: 189751

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.8

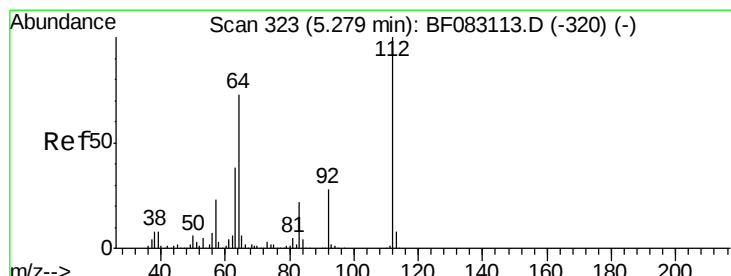
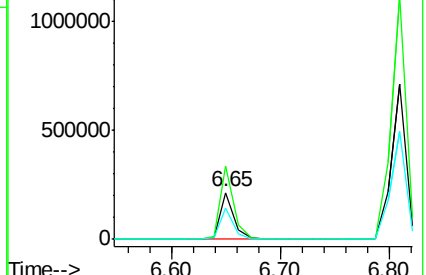
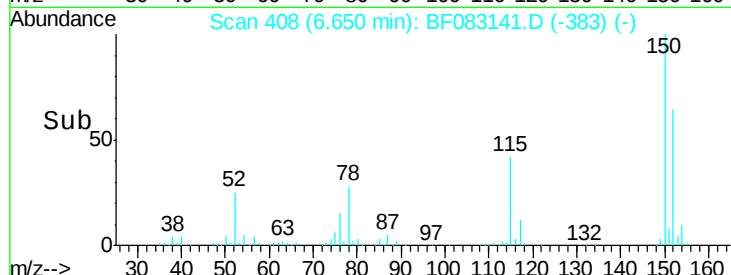
115 65.5 46.9 70.3



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: 137.37 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083141.D

Acq: 22 Nov 2015 6:30

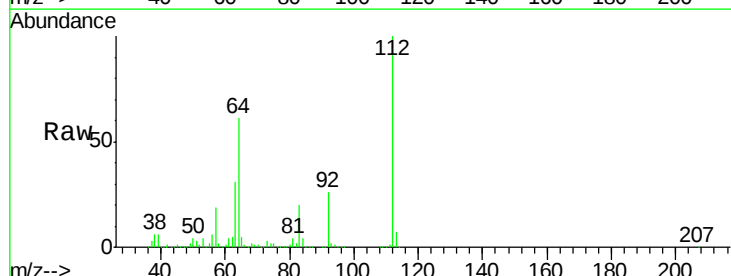
Tgt Ion:112 Resp: 1724077

Ion Ratio Lower Upper

112 100

64 60.7 58.4 87.6

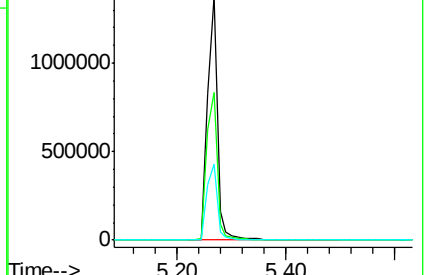
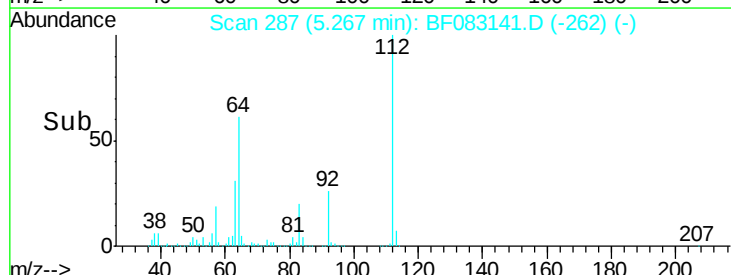
63 31.3 30.0 45.0



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: 129.90 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083141.D

Acq: 22 Nov 2015 6:30

Instrument :

BNA_F

ClientSampleId :

SB-23(7.5-9.5)

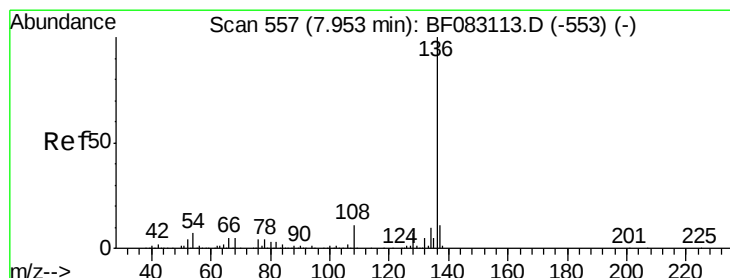
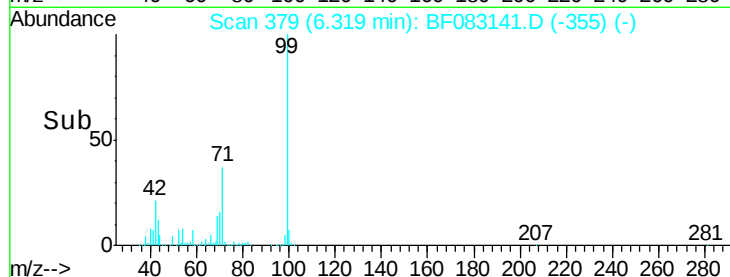
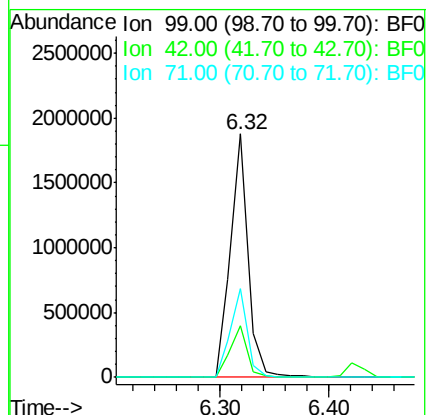
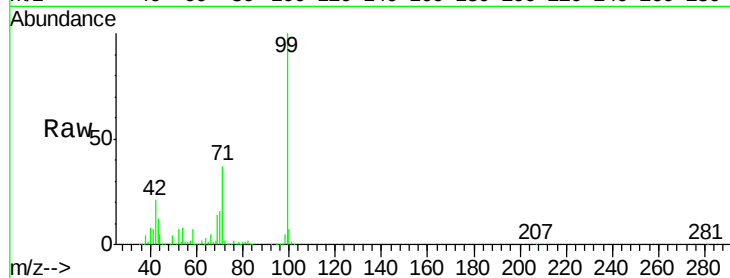
Tot Ion: 99 Resp: 2109536

Ion Ratio Lower Upper

99 100

42 21.3 17.7 26.5

71 36.5 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: BF083141.D

Acq: 22 Nov 2015 6:30

Tgt Ion: 136 Resp: 709938

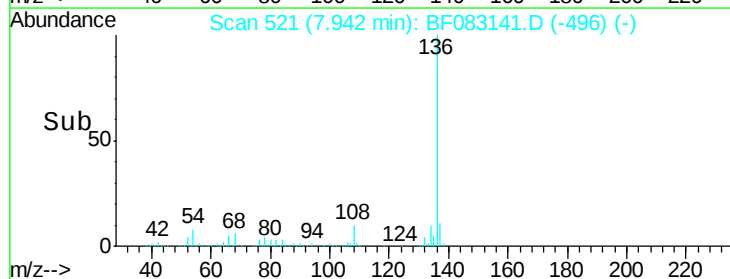
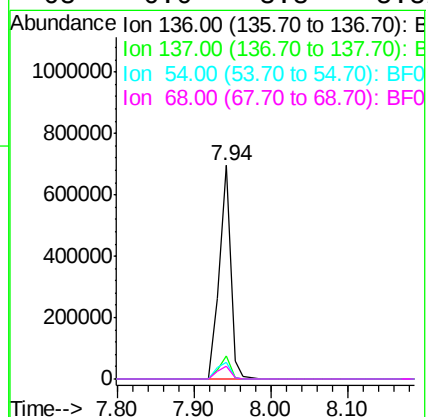
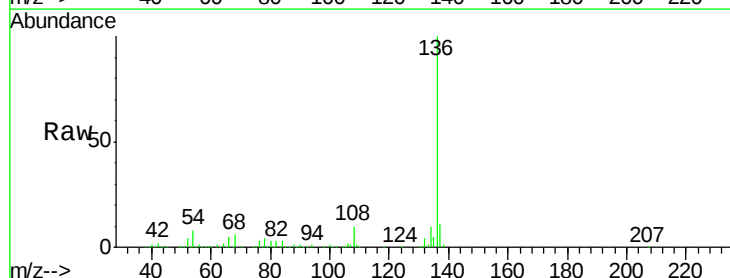
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 5.8 8.6

68 6.0 3.8 5.8#



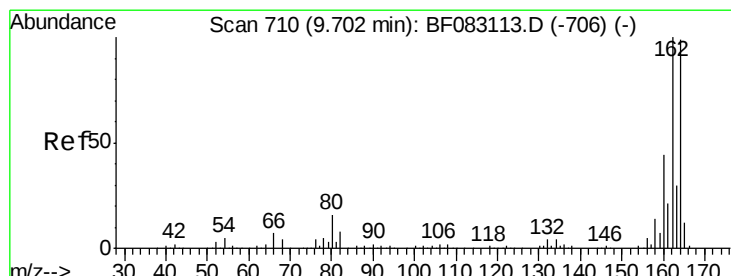
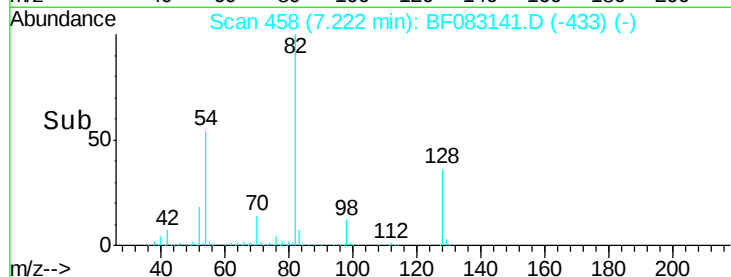
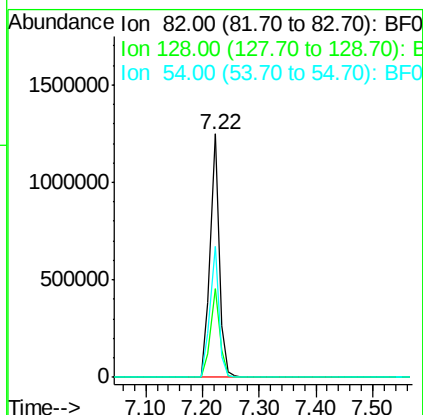
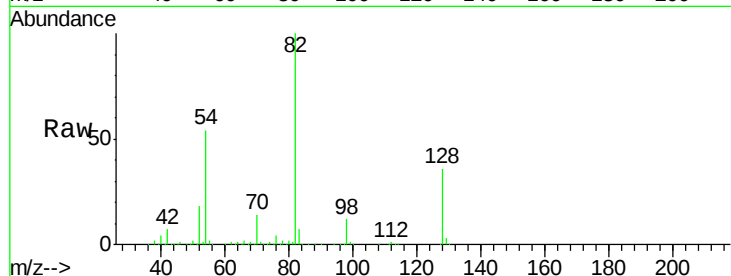


#23
 Nitrobenzene-d5
 Concen: 86.30 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083141.D
 Acq: 22 Nov 2015 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(7.5-9.5)

Tot Ion: 82 Resp: 1340773

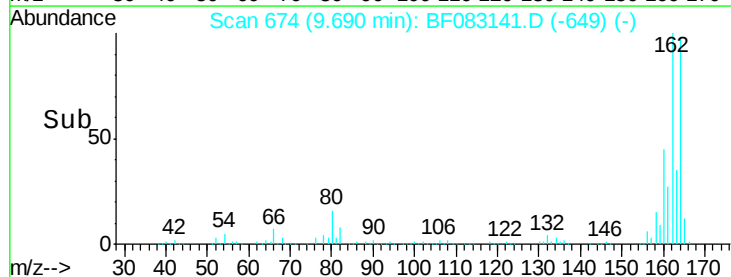
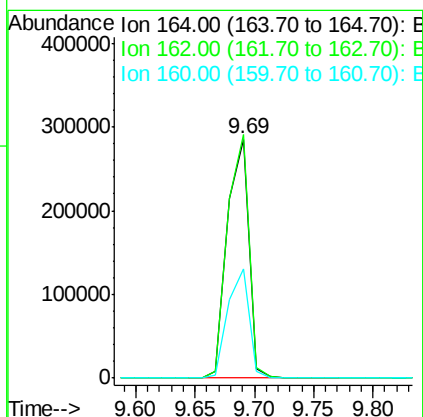
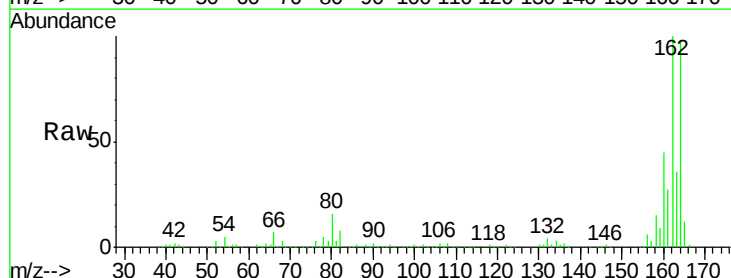
Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.5	42.7
54	53.9	44.6	67.0

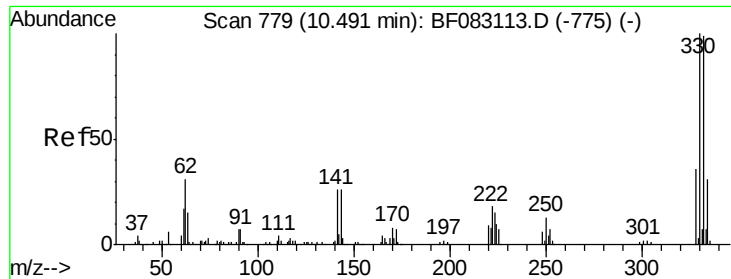


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF083141.D
 Acq: 22 Nov 2015 6:30

Tgt Ion: 164 Resp: 358289

Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.2	121.8
160	45.4	35.6	53.4

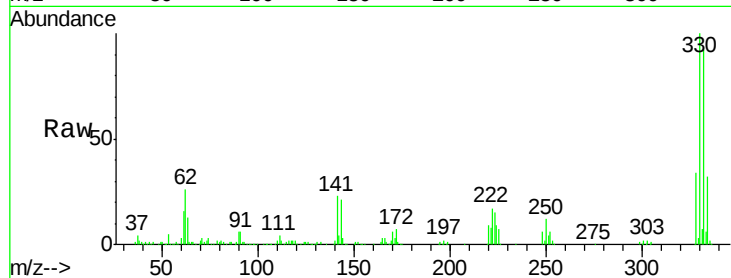




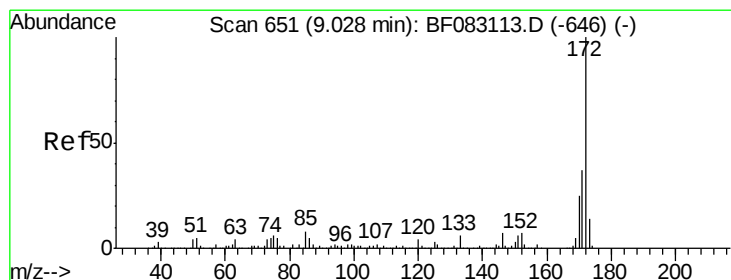
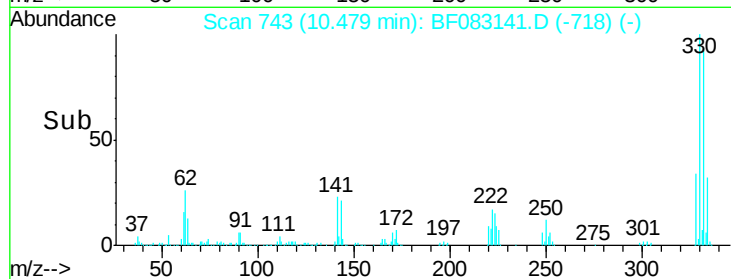
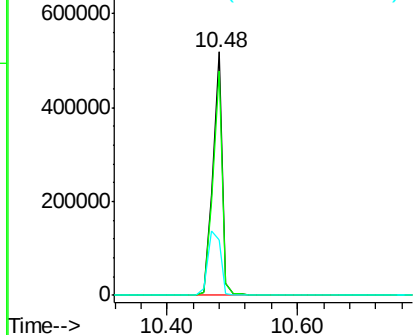
#41
 2,4,6-Tribromophenol
 Concen: 145.77 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083141.D
 Acq: 22 Nov 2015 6:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-23(7.5-9.5)

Tot Ion:330 Resp: 534338
 Ion Ratio Lower Upper
 330 100
 332 92.9 77.7 116.5
 141 35.7 29.7 44.5

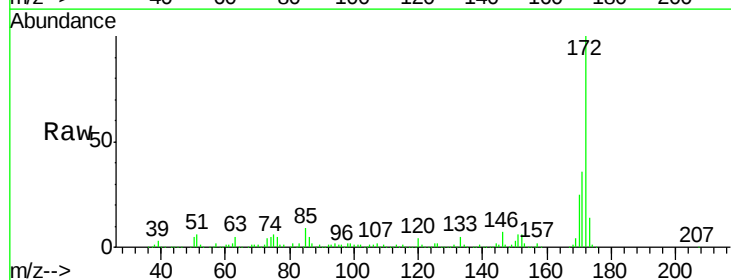


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

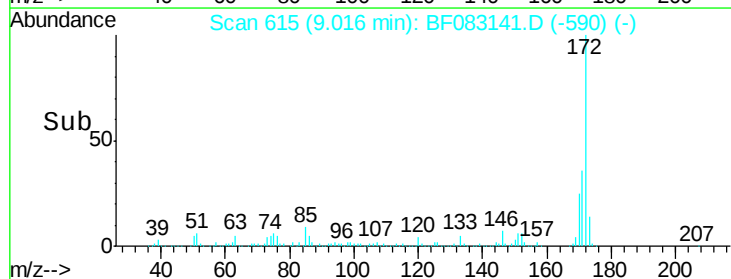
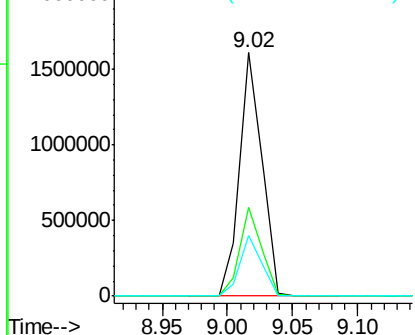


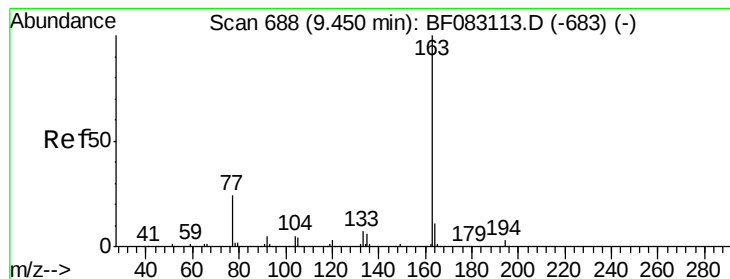
#44
 2-Fluorobiphenyl
 Concen: 74.91 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083141.D
 Acq: 22 Nov 2015 6:30

Tgt Ion:172 Resp: 1924755
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 24.9 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: 13.70 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083141.D

Acq: 22 Nov 2015 6:30

Instrument :

BNA_F

ClientSampleId :

SB-23(7.5-9.5)

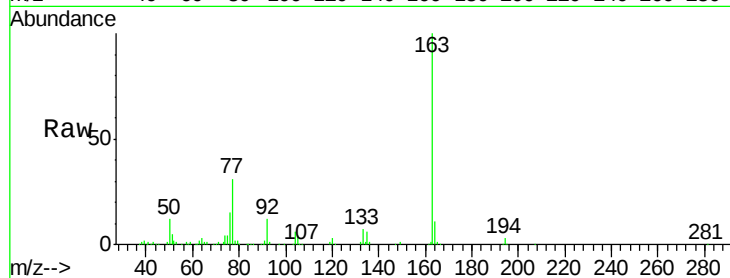
Tot Ion:163 Resp: 378006

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

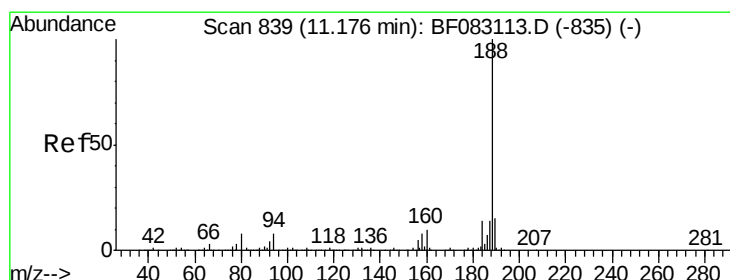
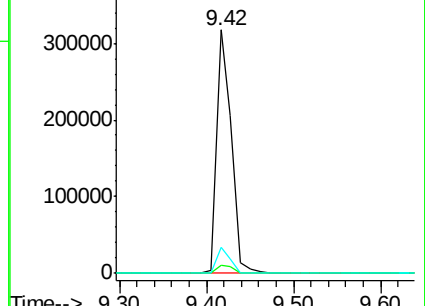
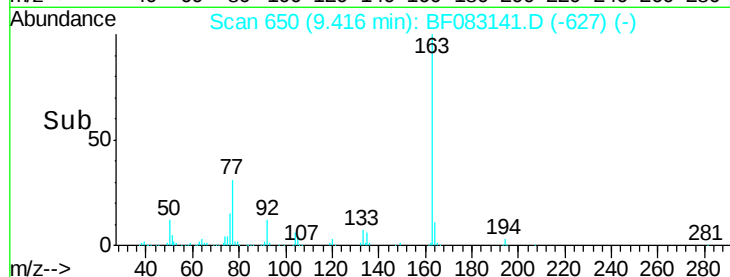
164 10.9 8.6 12.8



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: BF083141.D

Acq: 22 Nov 2015 6:30

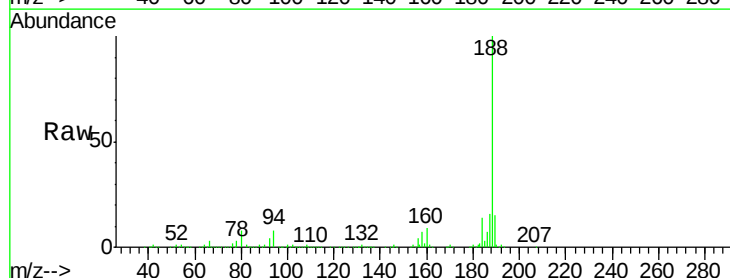
Tgt Ion:188 Resp: 679339

Ion Ratio Lower Upper

188 100

94 7.6 6.0 9.0

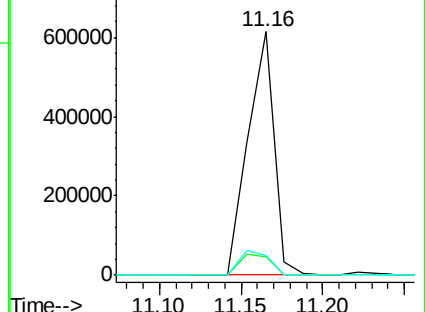
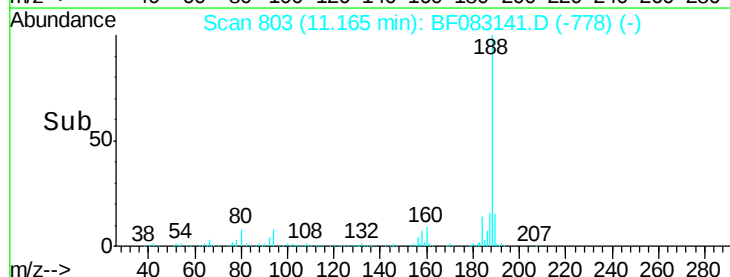
80 8.2 6.7 10.1

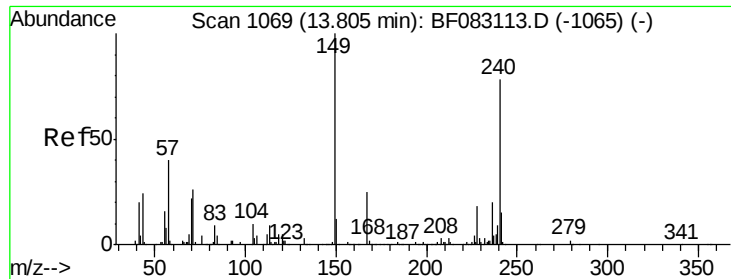


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

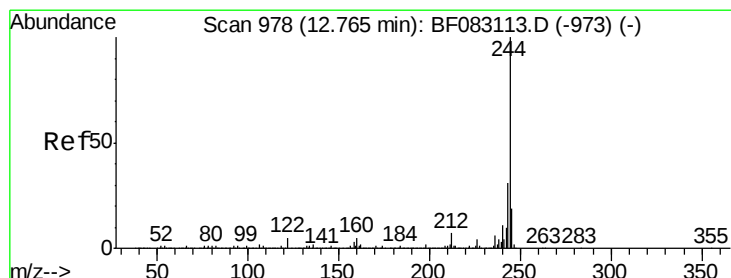
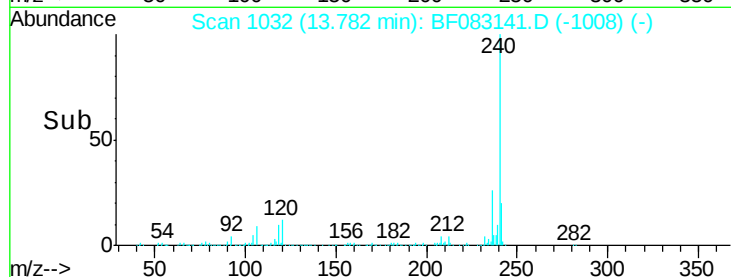
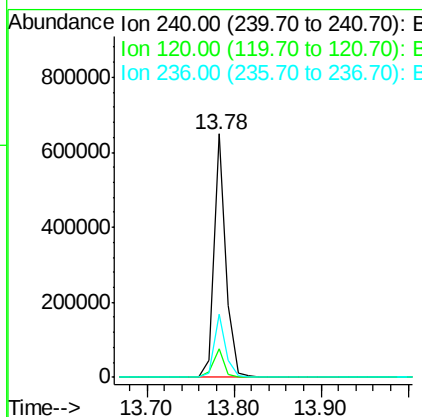
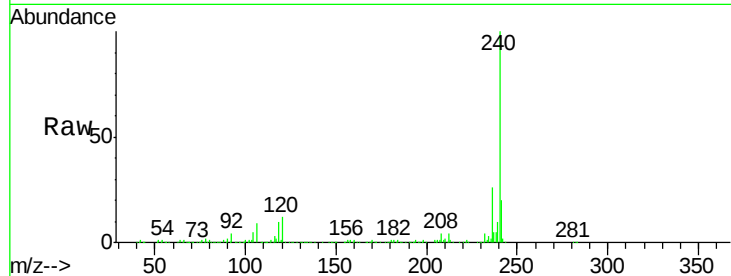




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083141.D
Acq: 22 Nov 2015 6:30

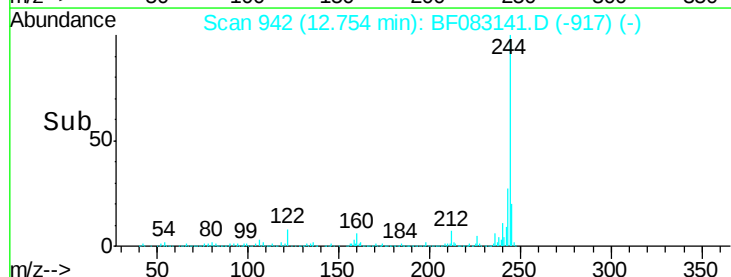
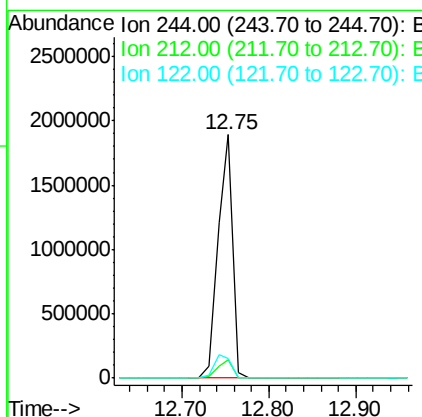
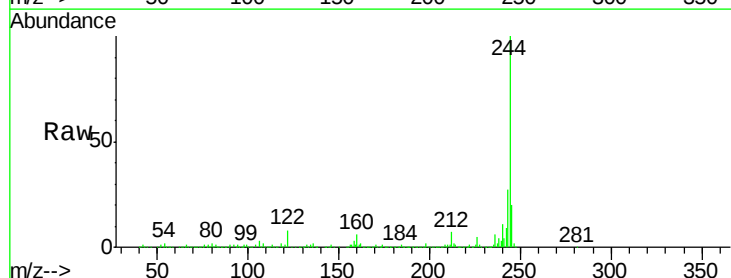
Instrument :
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SB-23(7.5-9.5)

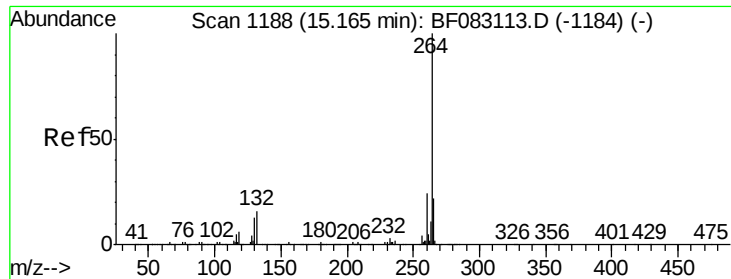
Tot Ion:240 Resp: 622628
Ion Ratio Lower Upper
240 100
120 11.9 5.4 8.2#
236 25.7 20.6 31.0



#78
Terphenyl-d14
Concen: 84.10 ng
RT: 12.75 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF083141.D
Acq: 22 Nov 2015 6:30

Tgt Ion:244 Resp: 2223538
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 7.9 4.3 6.5#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083141.D
Acq: 22 Nov 2015 6:30

Instrument :
BNA_F
ClientSampleId :
SB-23(7.5-9.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.0	18.2	27.4

