

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083144.D
 Acq On : 22 Nov 2015 7:57
 Operator : UM/IZ
 Sample : G4505-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-XX

Quant Time: Nov 23 03:14:01 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

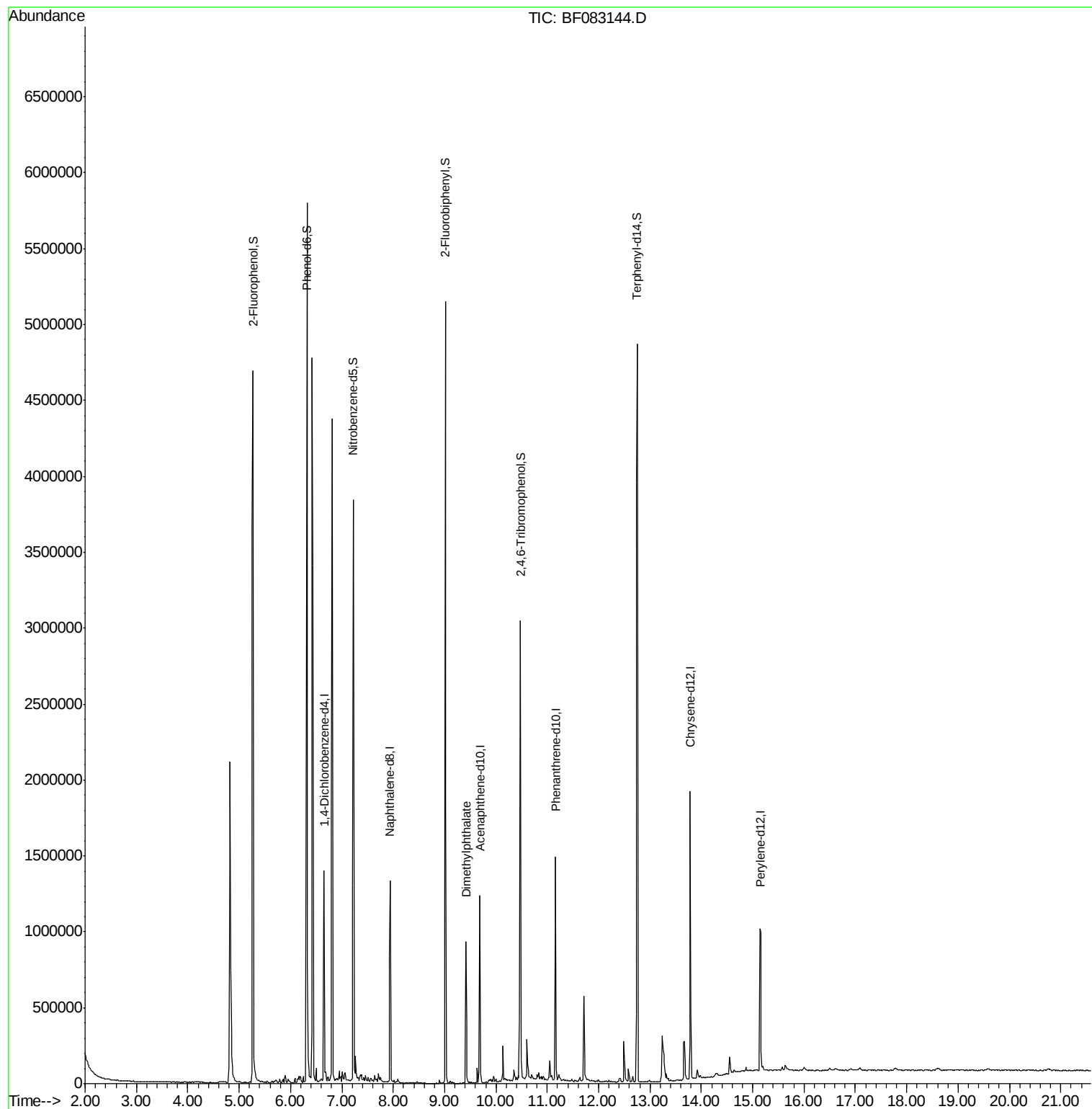
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	192749	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	730282	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	362811	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	710187	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	648337	20.00	ng	-0.02
86) Perylene-d12	15.15	264	539755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1774144	139.16	ng	-0.01
7) Phenol-d6	6.32	99	2222287	134.72	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1392205	87.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	535294	144.22	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1881890	72.33	ng	-0.01
78) Terphenyl-d14	12.75	244	2113660	76.77	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.42	163	423122	15.15	ng	Qvalue 100

(#) = 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: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

BNA_F

ClientSampleId :

DUP-XX

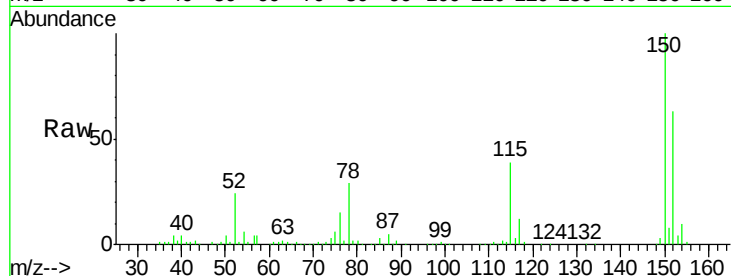
Tot Ion:152 Resp: 192749

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.8

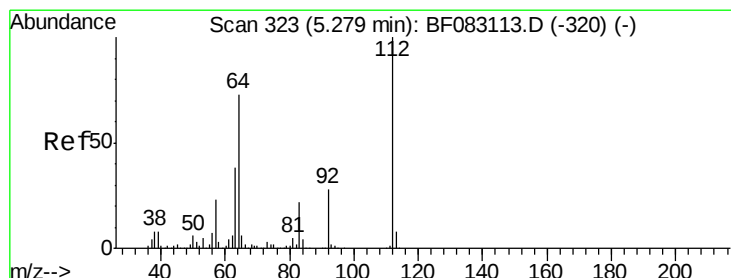
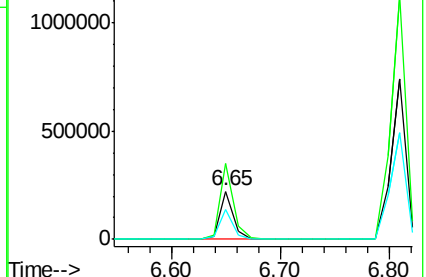
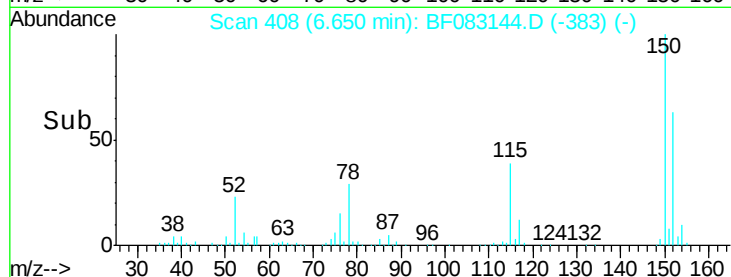
115 62.6 46.9 70.3



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: 139.16 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

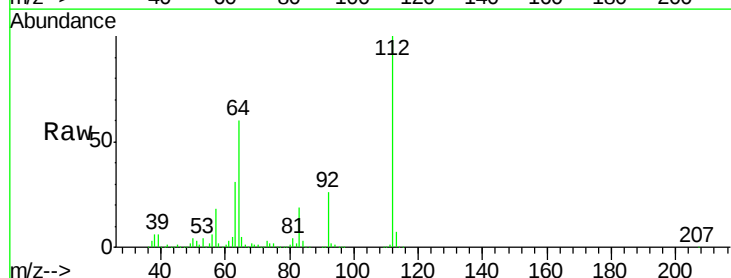
Tgt Ion:112 Resp: 1774144

Ion Ratio Lower Upper

112 100

64 59.7 58.4 87.6

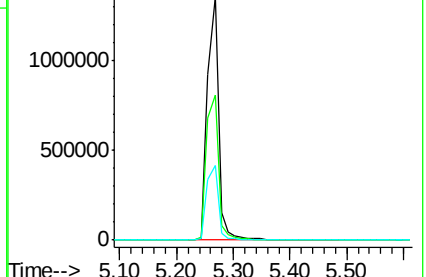
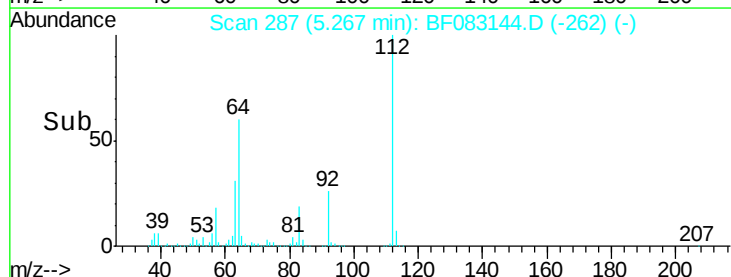
63 30.7 30.0 45.0



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: 134.72 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

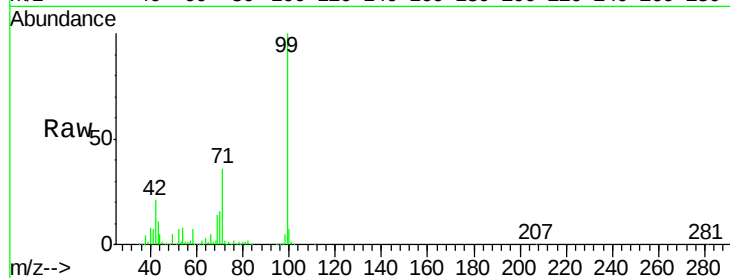
BNA_F

ClientSampleId :

DUP-XX

Tot Ion: 99 Resp: 2222287

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.7	26.5
71	36.0	30.2	45.4

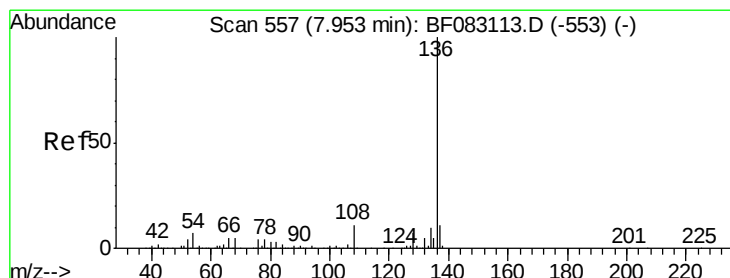
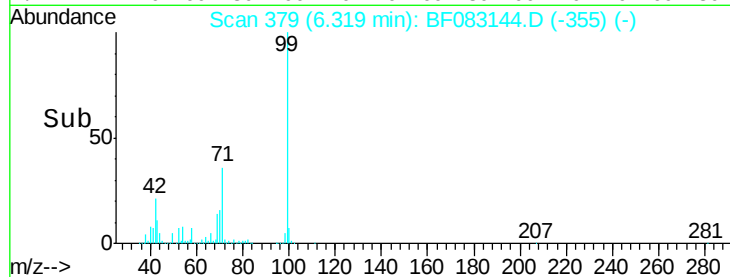


Abundance

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

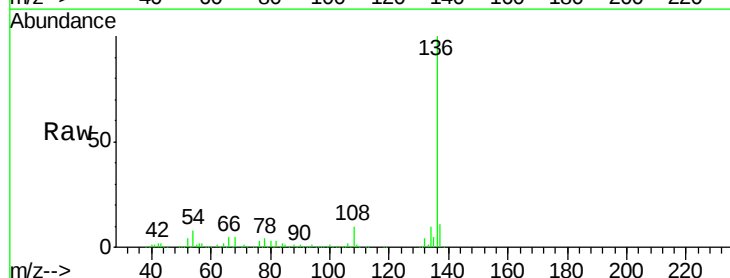
Delta R.T. -0.01 min

Lab File: BF083144.D

Acq: 22 Nov 2015 7:57

Tgt Ion: 136 Resp: 730282

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.8	5.8	8.6
68	5.5	3.8	5.8



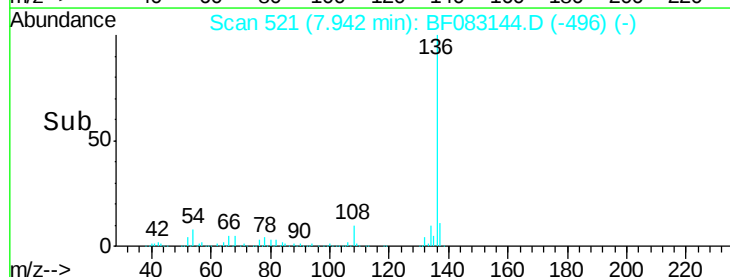
Abundance

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

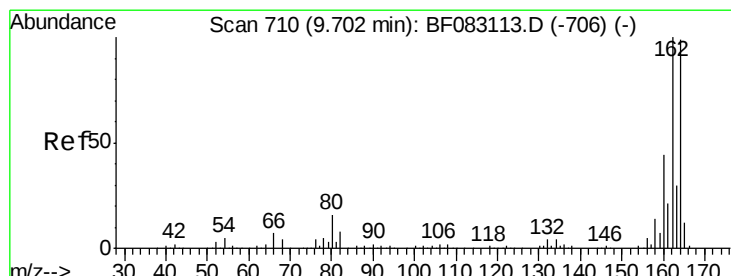
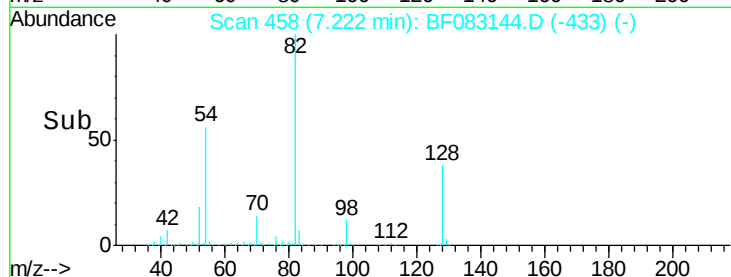
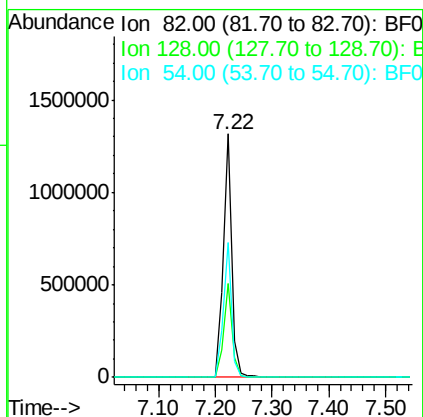
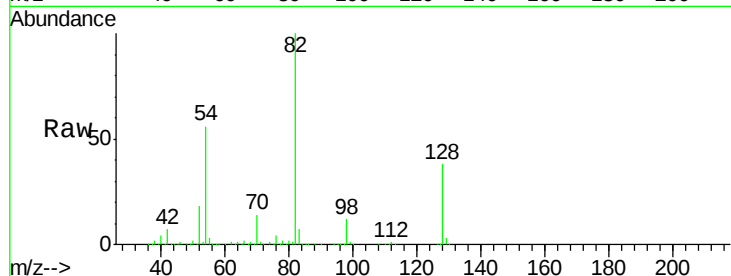




#23
Nitrobenzene-d5
Concen: 87.11 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

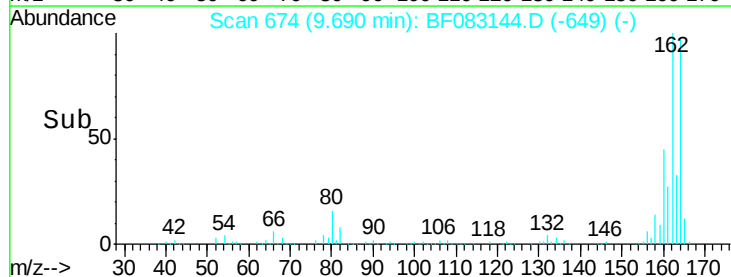
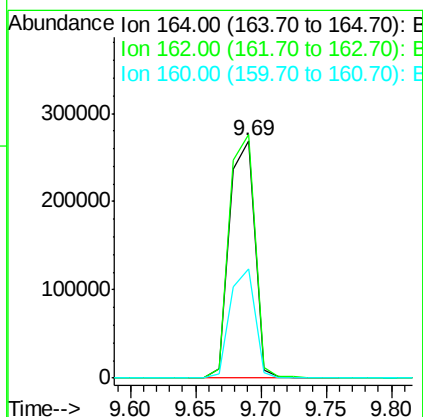
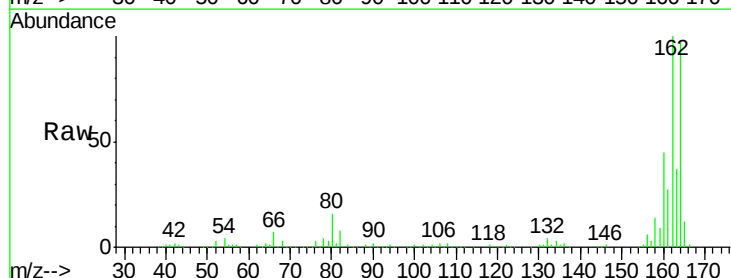
Instrument :
BNA_F
ClientSampleId :
DUP-XX

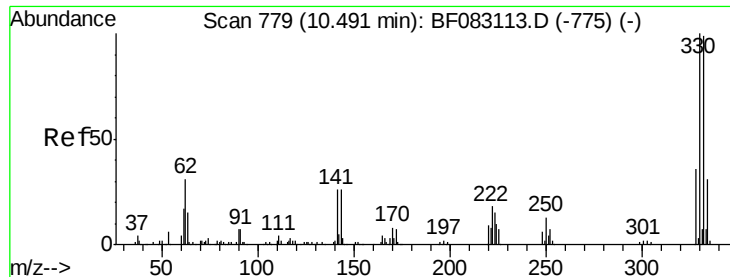
Tot Ion: 82 Resp: 1392205
Ion Ratio Lower Upper
82 100
128 38.4 28.5 42.7
54 55.5 44.6 67.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Tgt Ion: 164 Resp: 362811
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 45.8 35.6 53.4

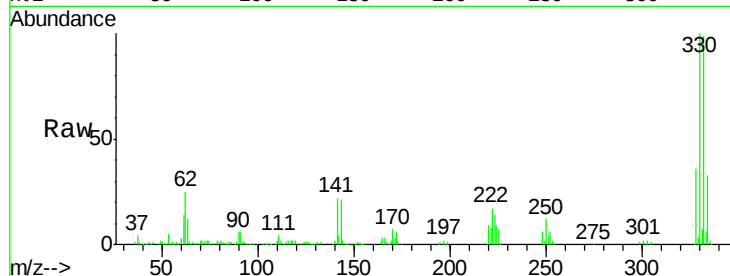




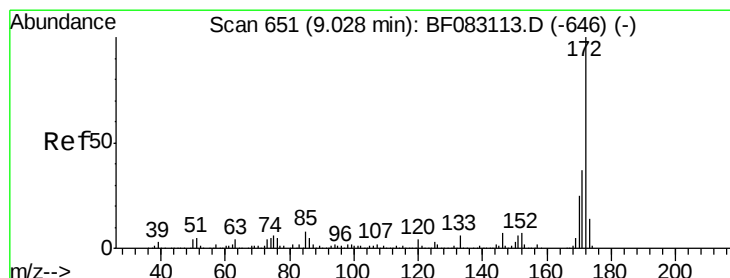
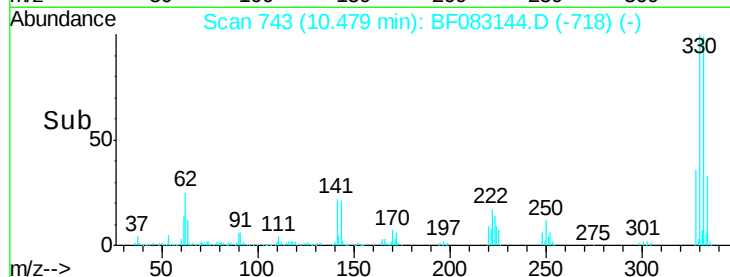
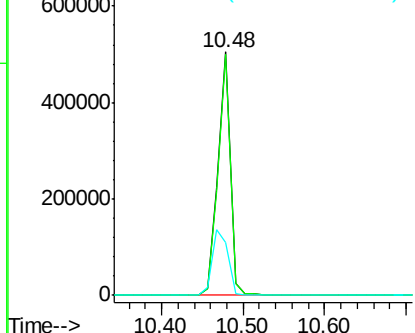
#41
 2,4,6-Tribromophenol
 Concen: 144.22 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Instrument :
 BNA_F
 ClientSampleId :
 DUP-XX

Tot Ion:330 Resp: 535294
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.7 116.5
 141 35.2 29.7 44.5

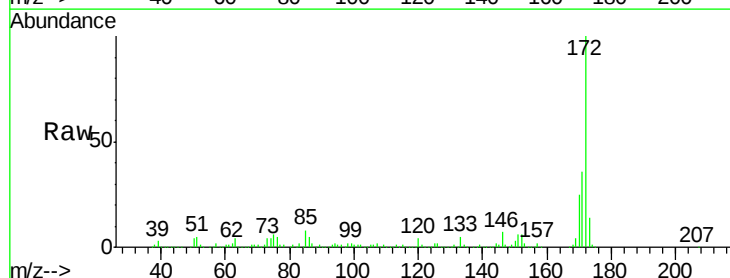


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

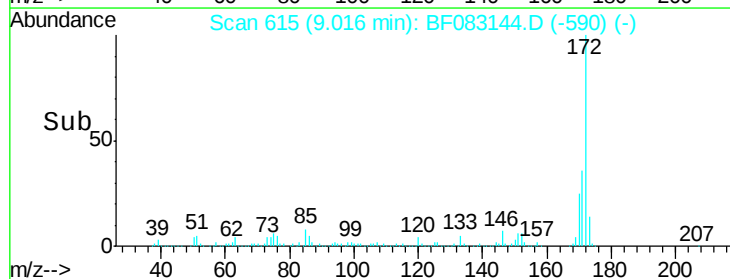
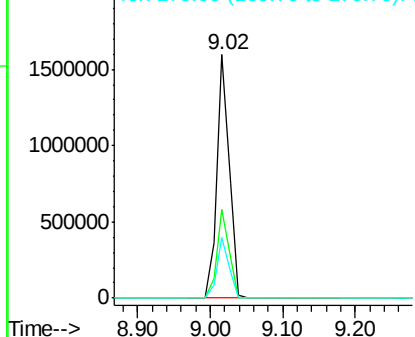


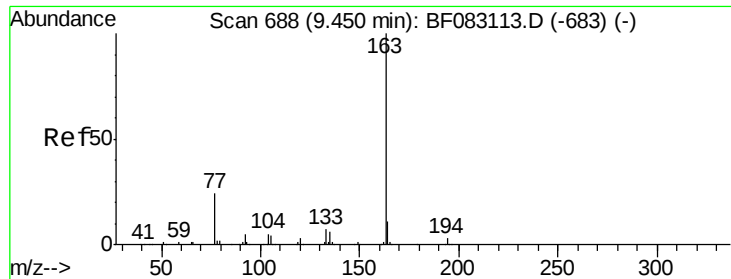
#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Tgt Ion:172 Resp: 1881890
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.7 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

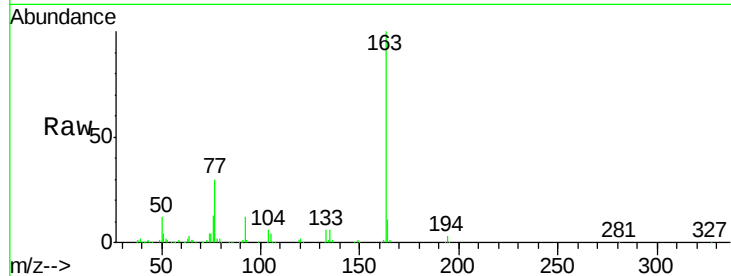




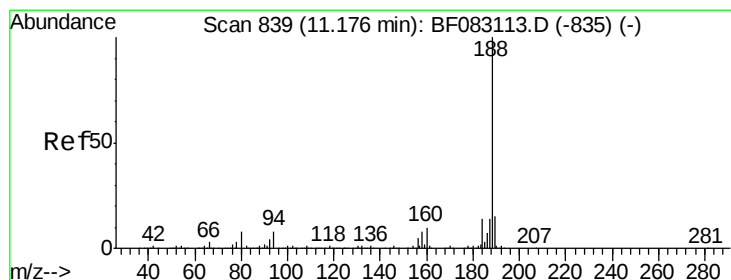
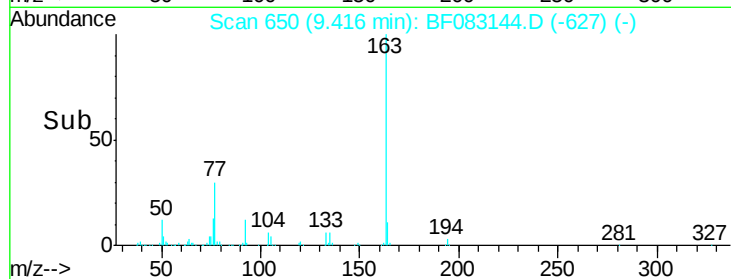
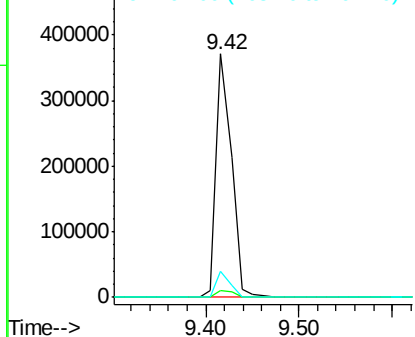
#49
Dimethylphthalate
Concen: 15.15 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Instrument :
BNA_F
ClientSampleId :
DUP-XX

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.8	8.6	12.8

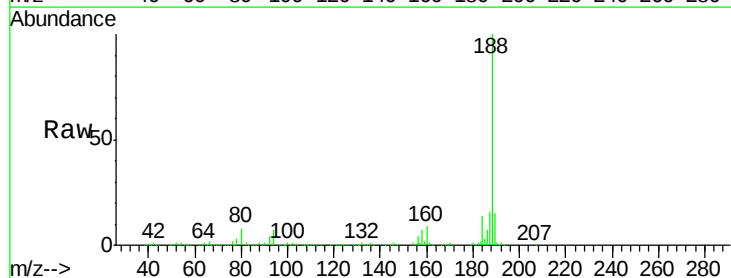


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

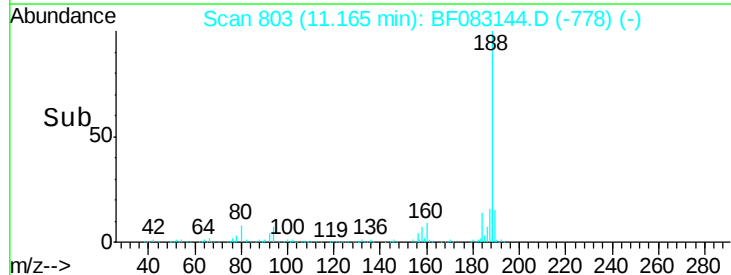
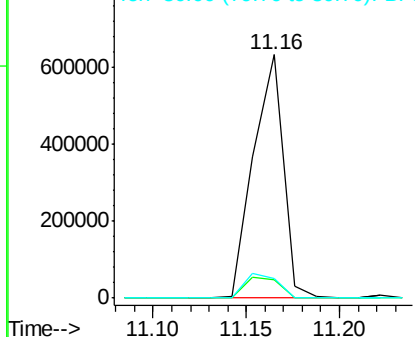


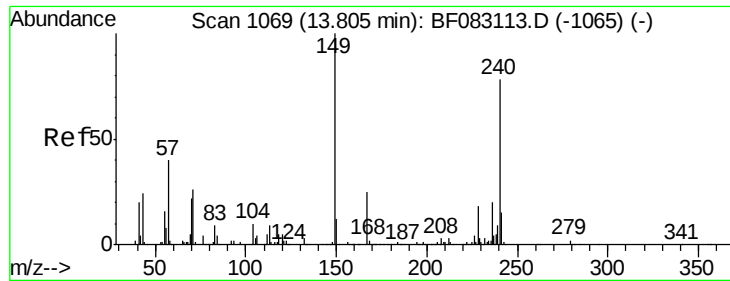
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083144.D
Acq: 22 Nov 2015 7:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.0	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

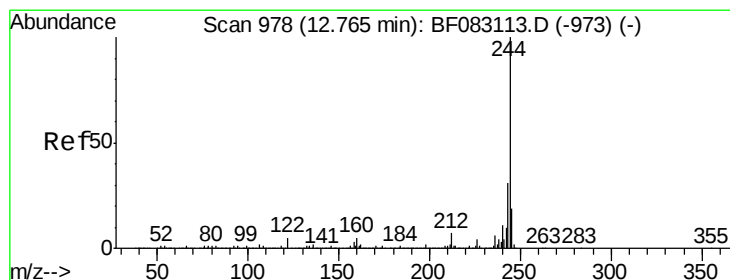
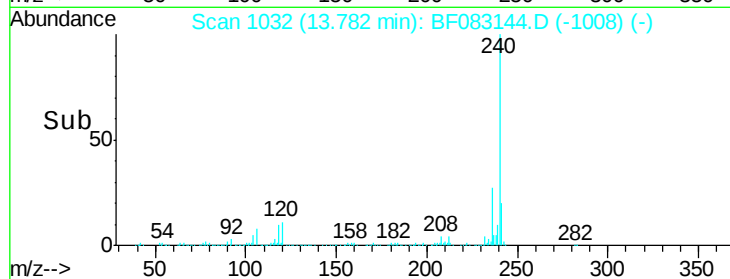
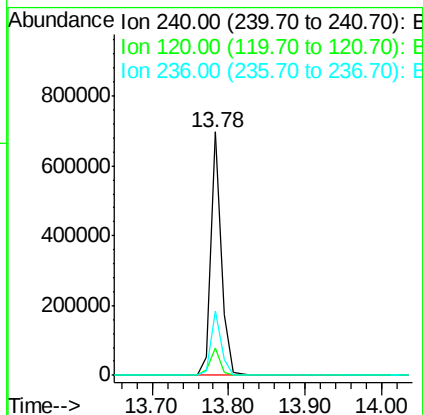
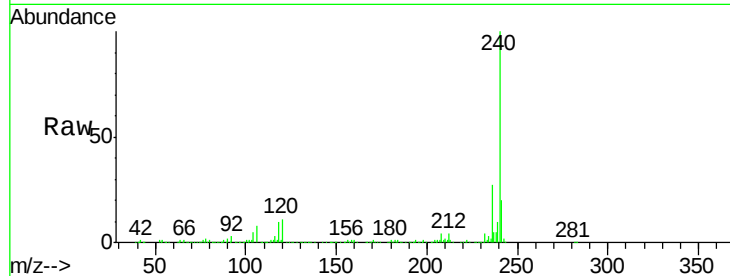




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

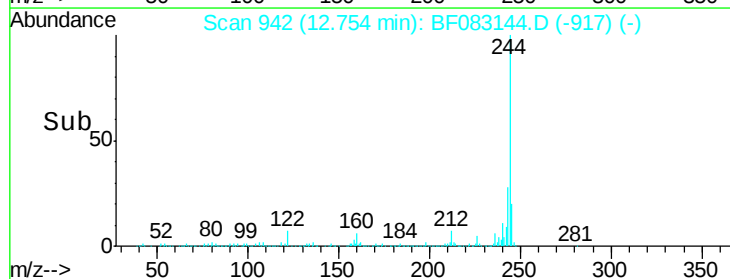
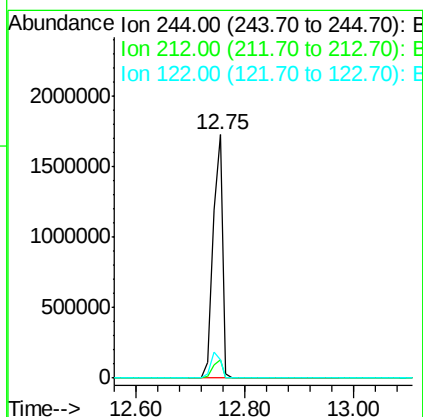
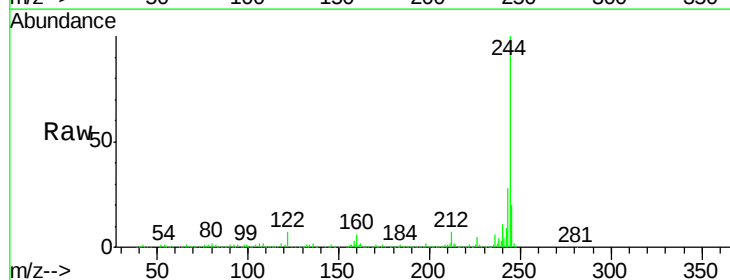
Instrument :
 BNA_F
 ClientSampleId :
 DUP-XX

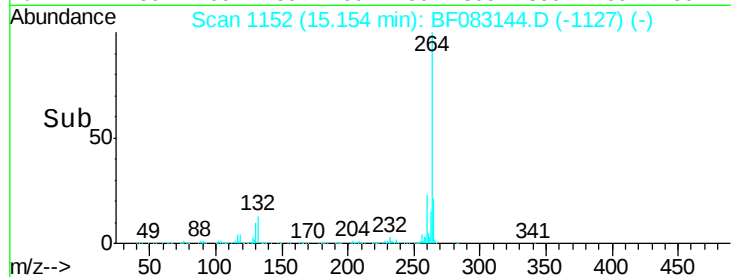
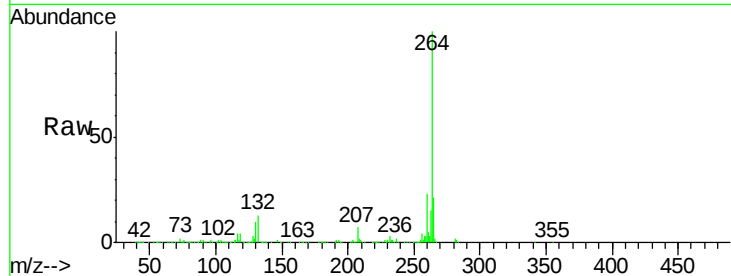
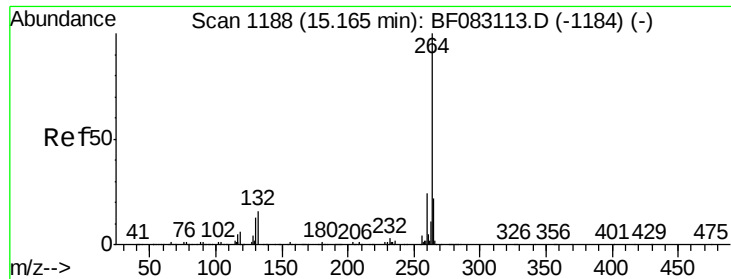
Tot Ion:240 Resp: 648337
 Ion Ratio Lower Upper
 240 100
 120 11.1 5.4 8.2#
 236 26.7 20.6 31.0



#78
 Terphenyl-d14
 Concen: 76.77 ng
 RT: 12.75 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF083144.D
 Acq: 22 Nov 2015 7:57

Tgt Ion:244 Resp: 2113660
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 7.4 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: BF083144.D

Acq: 22 Nov 2015 7:57

Instrument :

BNA_F

ClientSampleId :

DUP-XX

Tot Ion:264 Resp: 539755

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.2 18.2 27.4

