

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083221.D
 Acq On : 23 Nov 2015 23:35
 Operator : UM/IZ
 Sample : G4426-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 24 06:39:13 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

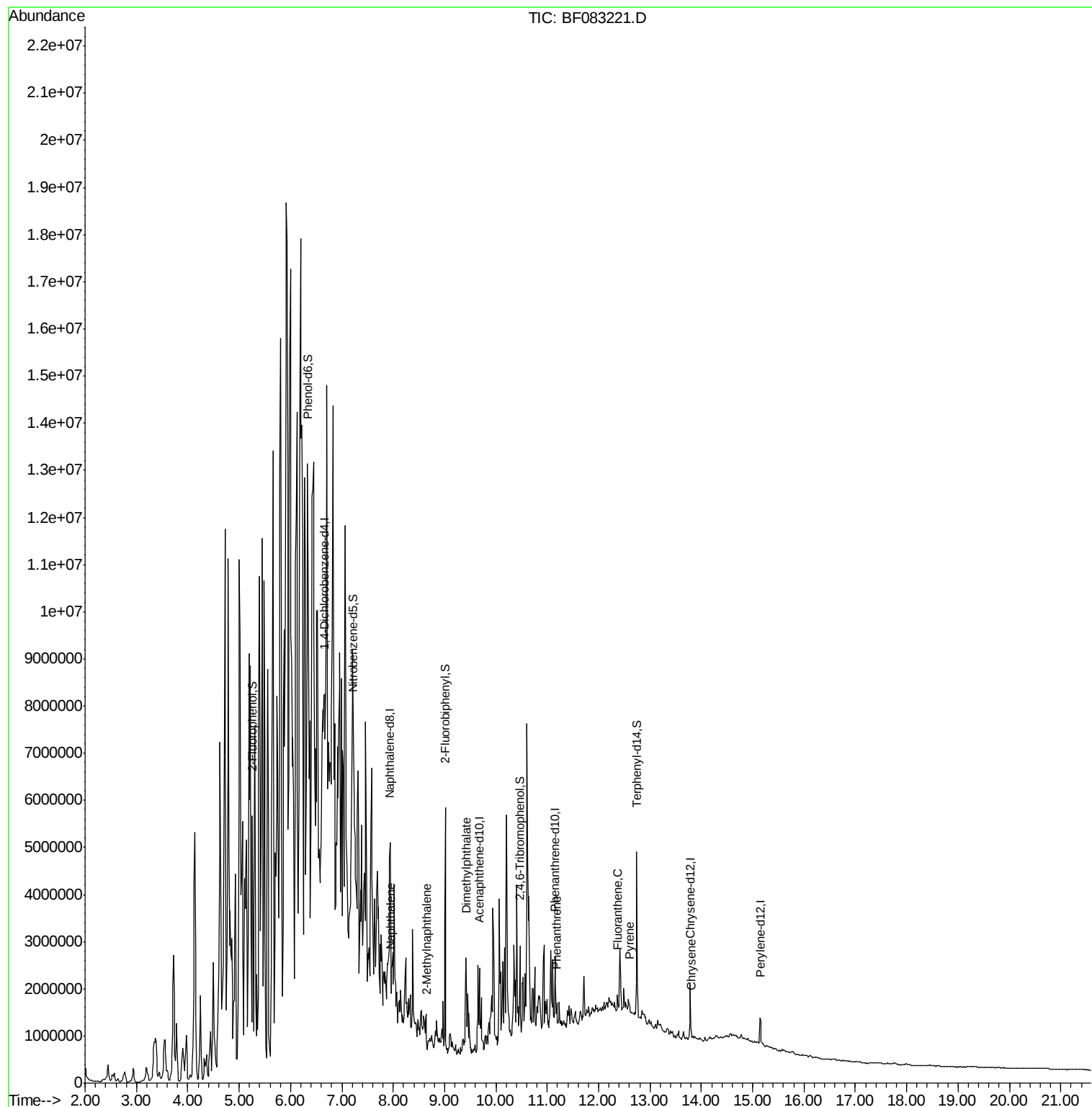
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	184421	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	645969	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	317776	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	464543	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	410729	20.00	ng	-0.02
86) Perylene-d12	15.15	264	304271	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1384336	113.49	ng	-0.02
7) Phenol-d6	6.33	99	1771530	112.24	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1333352	94.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	167745	51.60	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1806599	79.28	ng	-0.01
78) Terphenyl-d14	12.74	244	1111863	63.75	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.95	128	195261	5.60	ng	# 94
37) 2-Methylnaphthalene	8.65	142	53760	2.38	ng	98
49) Dimethylphthalate	9.42	163	671709	27.46	ng	98
70) Phenanthrene	11.18	178	126616	4.73	ng	# 95
74) Fluoranthene	12.36	202	118168	4.31	ng	98
77) Pyrene	12.59	202	108210	3.86	ng	97
82) Chrysene	13.81	228	57743	2.45	ng	# 90

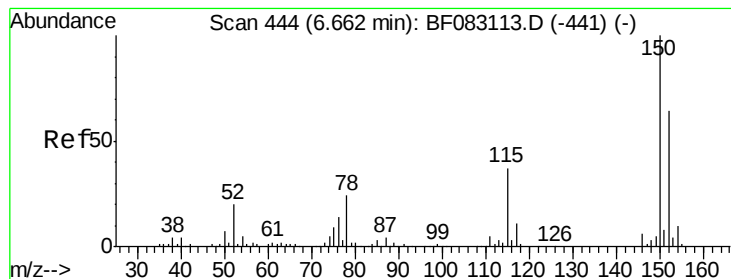
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083221.D
Acq On : 23 Nov 2015 23:35
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Time: Nov 24 06:39:13 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: 6.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

SB-2

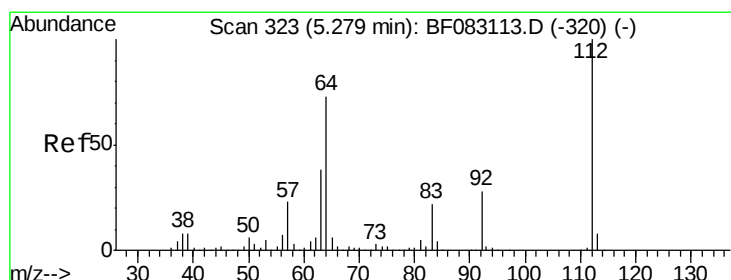
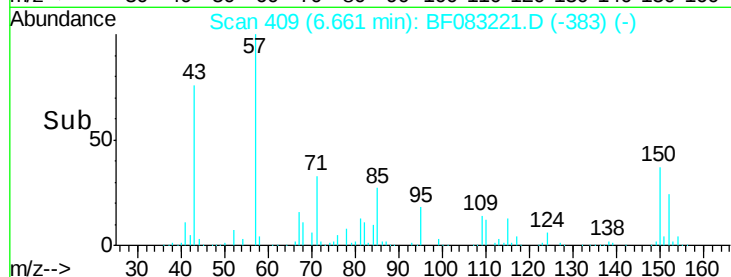
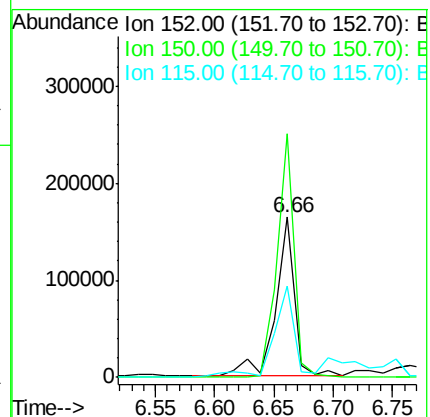
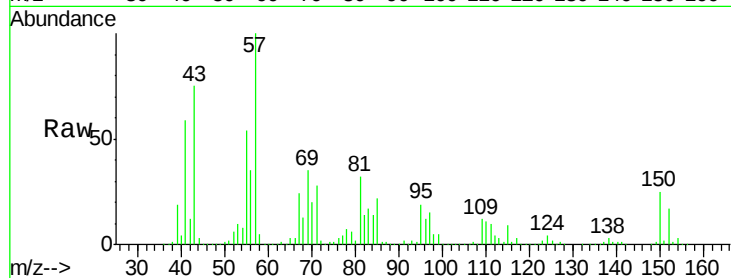
Tot Ion:152 Resp: 184421

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.8

115 56.8 46.9 70.3



#5

2-Fluorophenol

Concen: 113.49 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

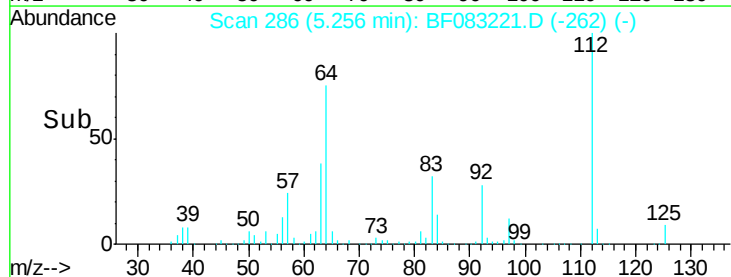
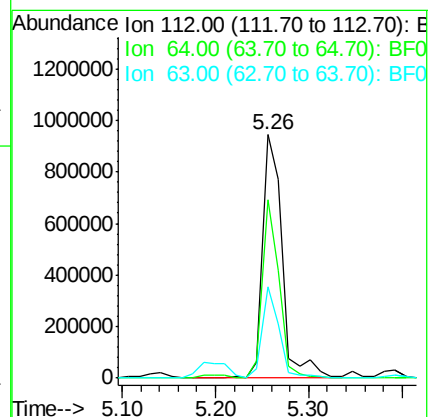
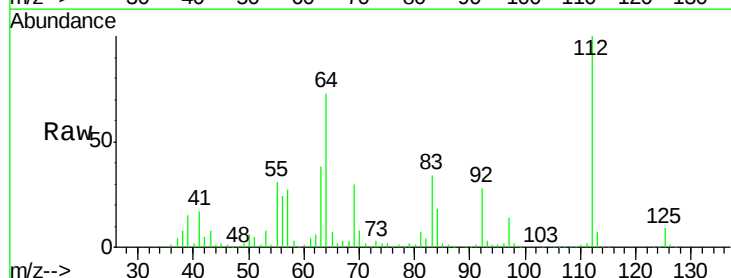
Tgt Ion:112 Resp: 1384336

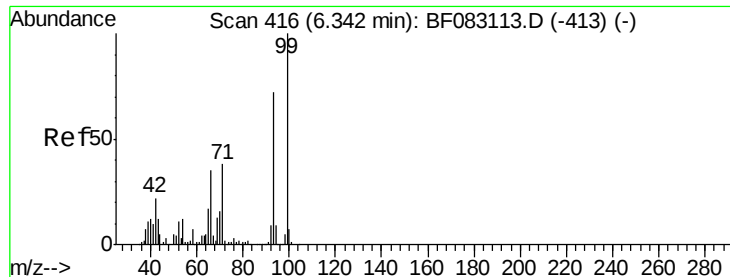
Ion Ratio Lower Upper

112 100

64 73.0 58.4 87.6

63 37.6 30.0 45.0





#7

Phenol-d6

Concen: 112.24 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

SB-2

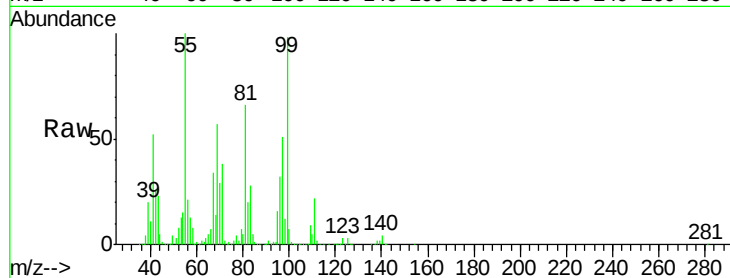
Tot Ion: 99 Resp: 1771530

Ion Ratio Lower Upper

99 100

42 27.1 17.7 26.5#

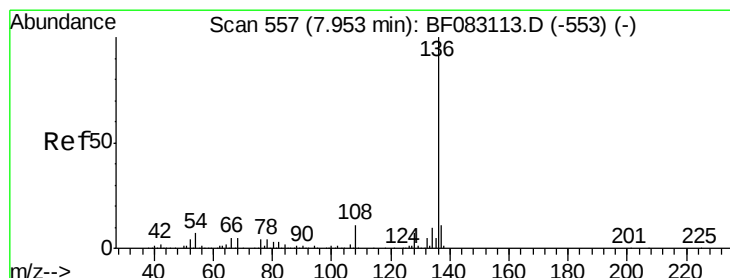
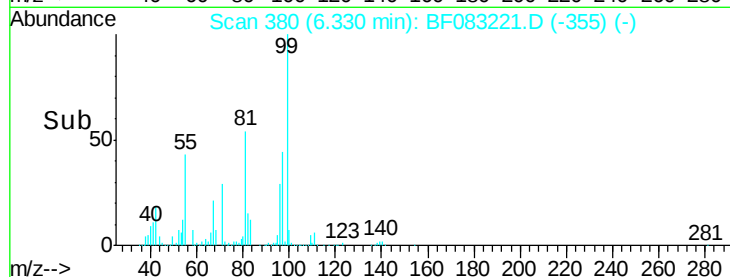
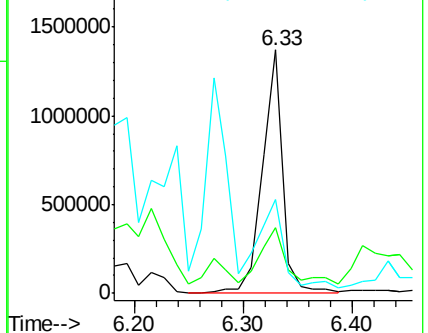
71 38.5 30.2 45.4



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: BF083221.D

Acq: 23 Nov 2015 23:35

Tgt Ion: 136 Resp: 645969

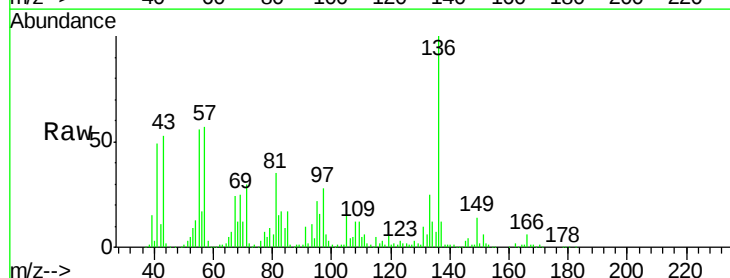
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 12.8 5.8 8.6#

68 11.8 3.8 5.8#

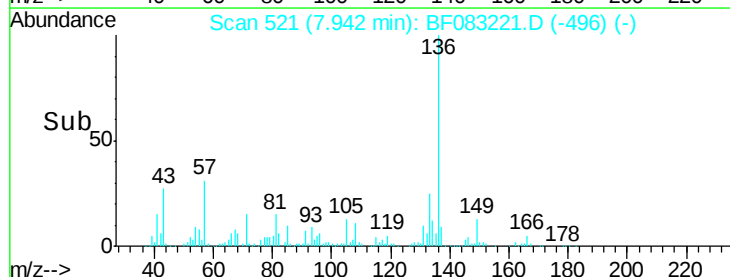
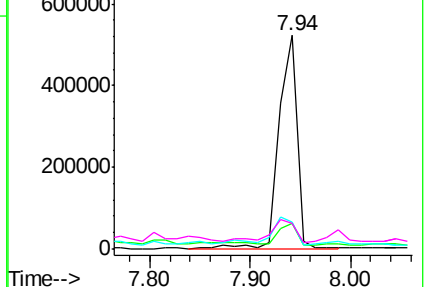


Abundance Ion 136.00 (135.70 to 136.70): E

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

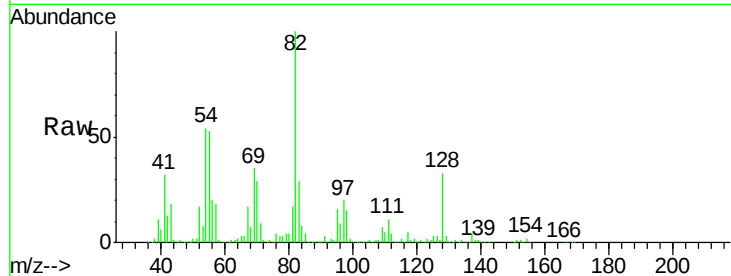




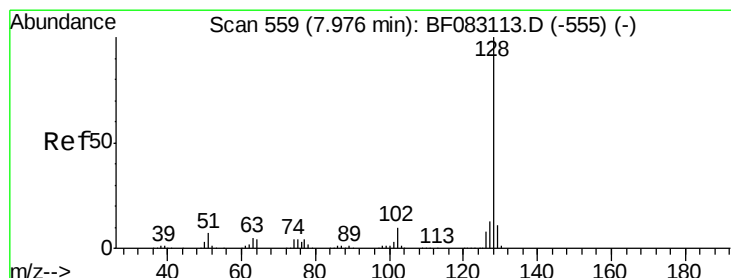
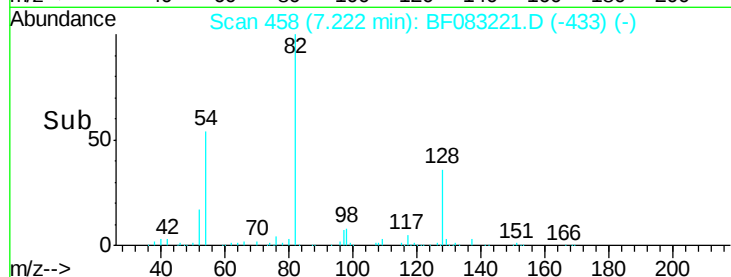
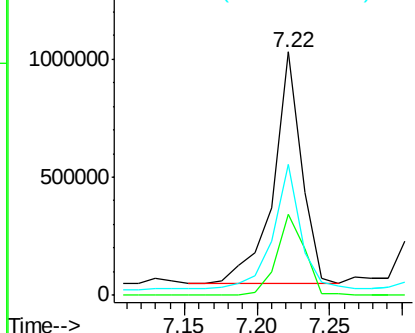
#23
Nitrobenzene-d5
Concen: 94.32 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion: 82 Resp: 1333352
Ion Ratio Lower Upper
82 100
128 33.4 28.5 42.7
54 54.0 44.6 67.0

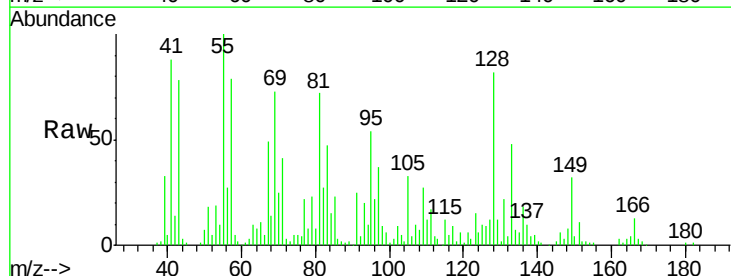


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

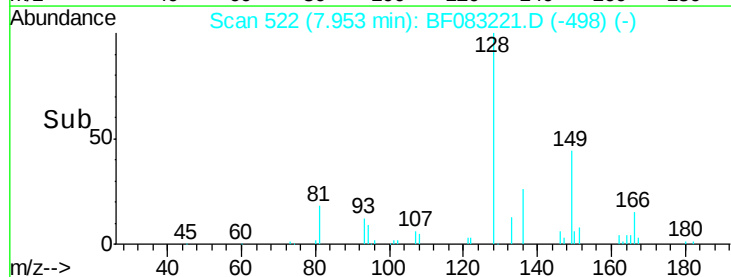
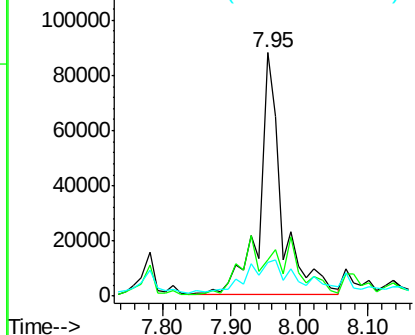


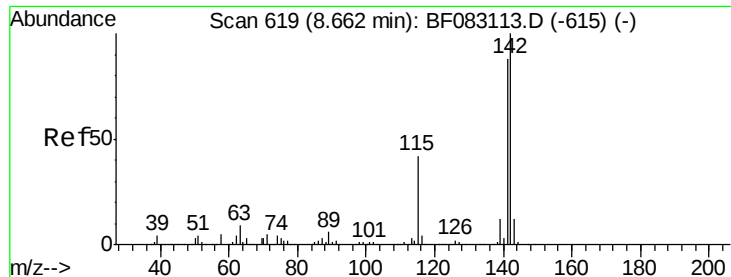
#31
Naphthalene
Concen: 5.60 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion: 128 Resp: 195261
Ion Ratio Lower Upper
128 100
129 15.0 9.0 13.4#
127 14.1 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

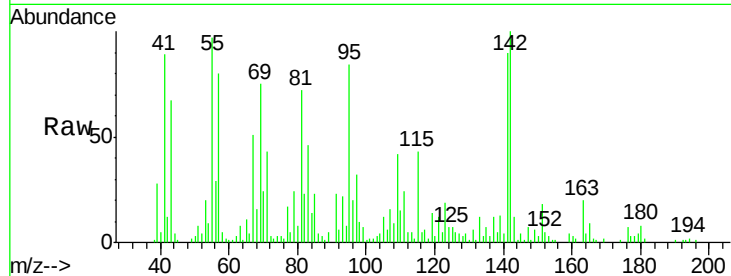




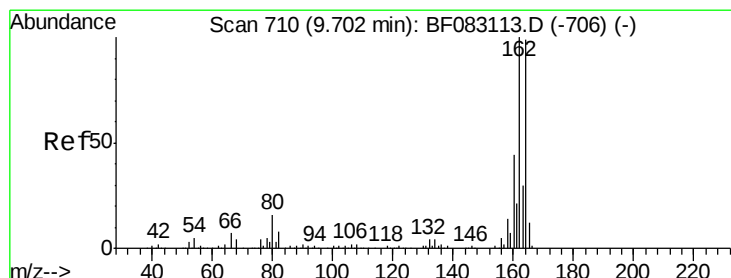
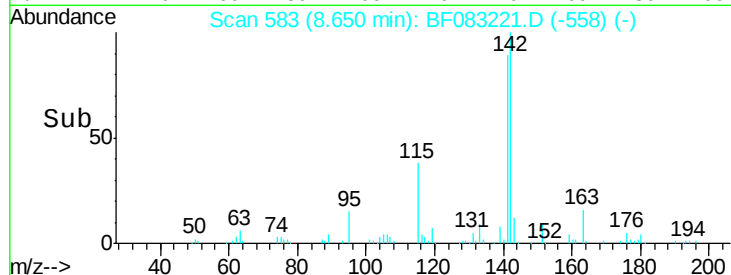
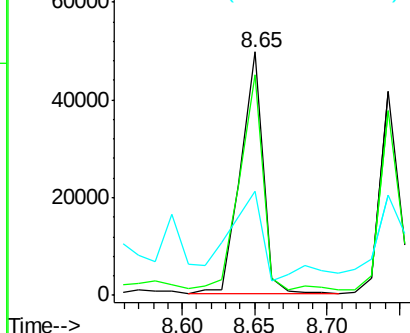
#37
2-Methylnaphthalene
Concen: 2.38 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:142 Resp: 53760
Ion Ratio Lower Upper
142 100
141 90.4 70.3 105.5
115 42.6 33.4 50.2

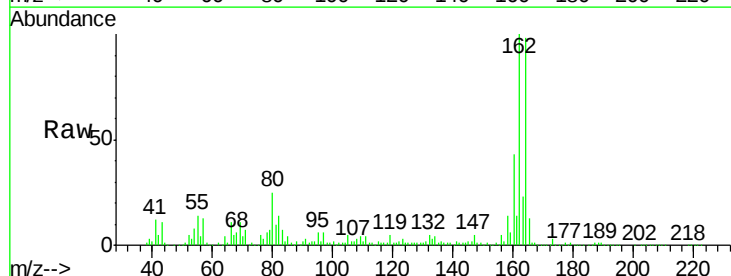


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

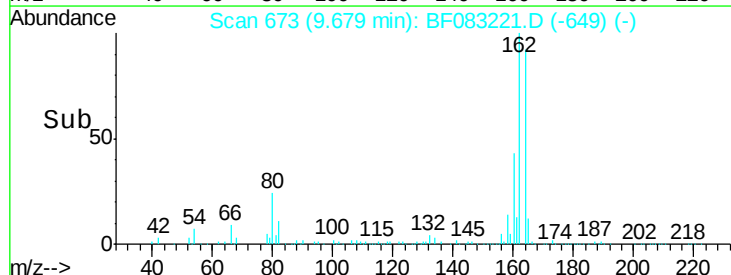
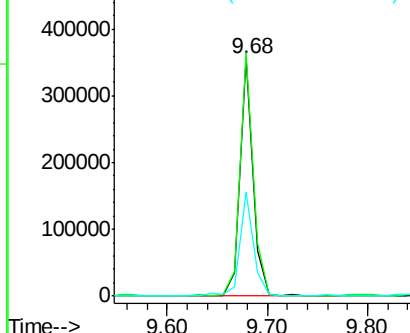


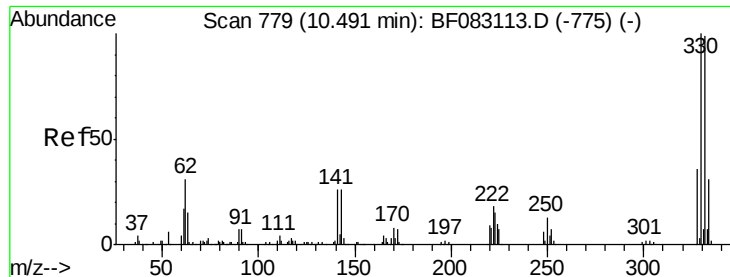
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:164 Resp: 317776
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 43.5 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

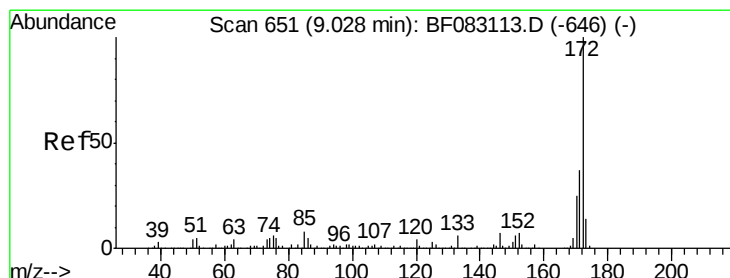
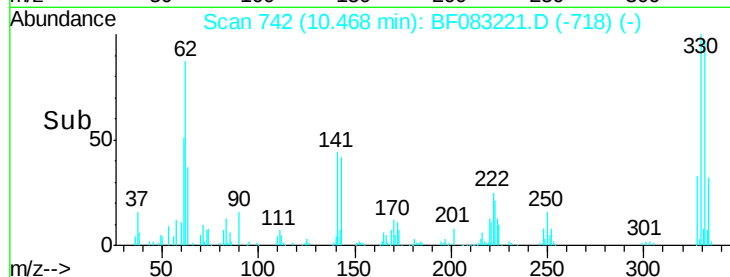
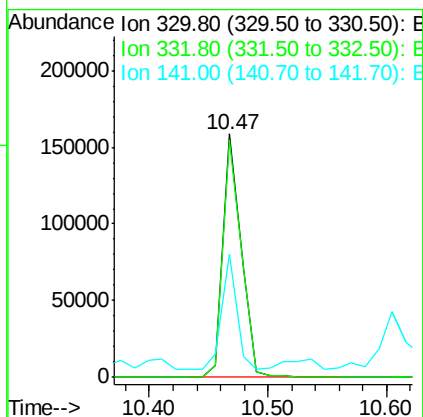
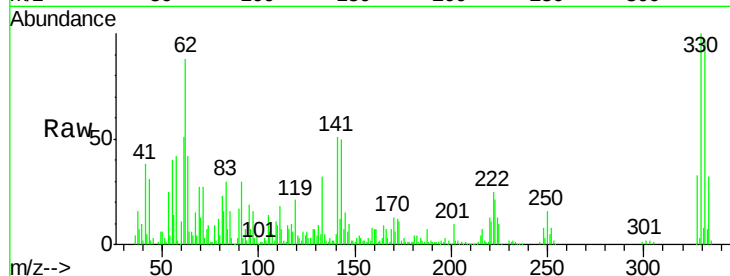




#41
 2,4,6-Tribromophenol
 Concen: 51.60 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083221.D
 Acq: 23 Nov 2015 23:35

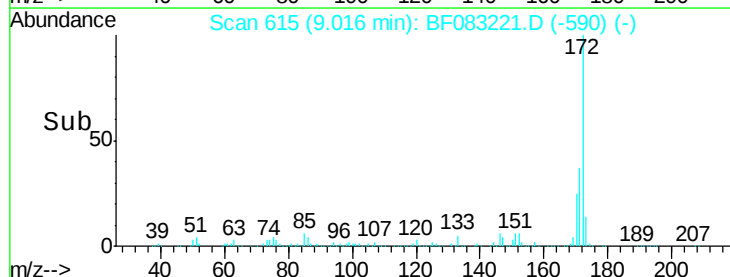
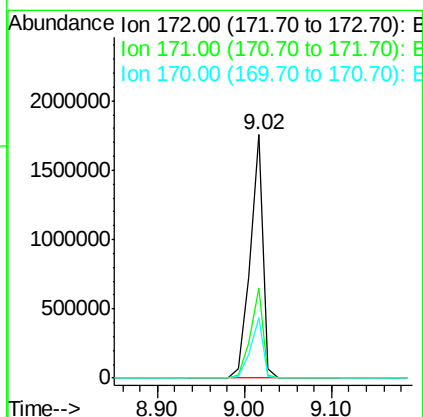
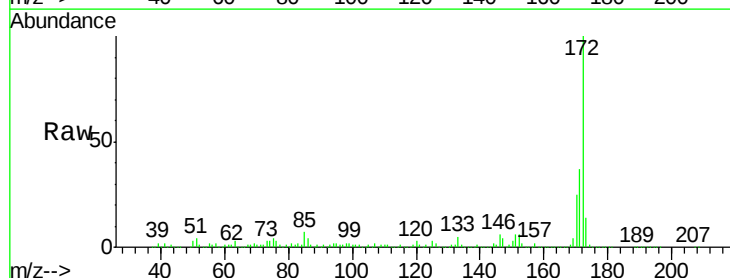
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

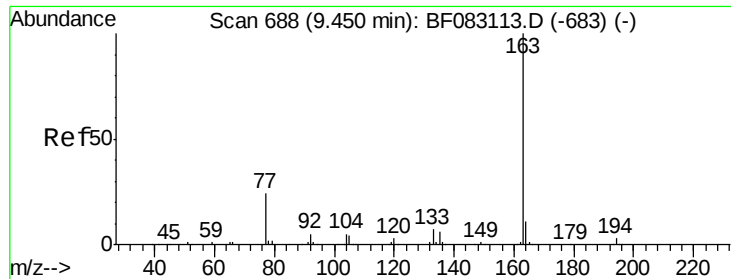
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.7	116.5
141	39.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 79.28 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083221.D
 Acq: 23 Nov 2015 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	24.8	19.9	29.9

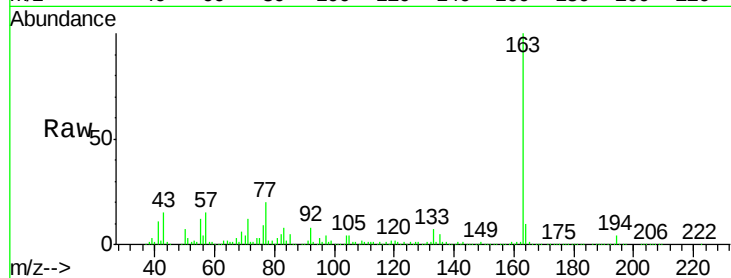




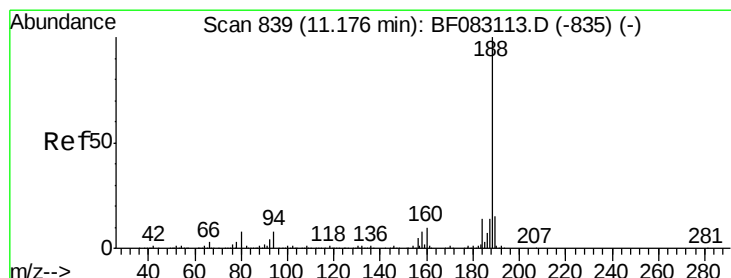
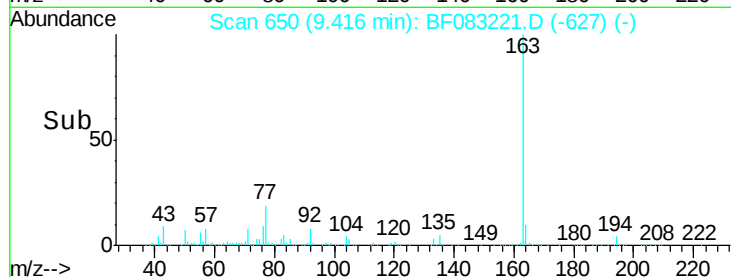
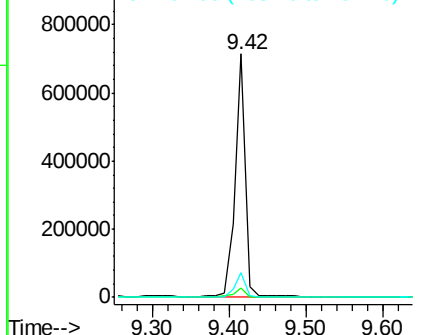
#49
Dimethylphthalate
Concen: 27.46 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampled :
SB-2

Tot Ion:163 Resp: 671709
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.1 8.6 12.8

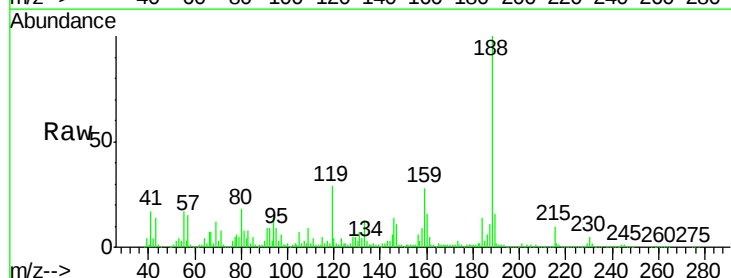


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

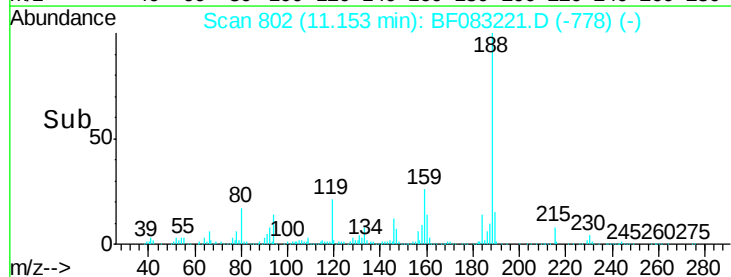
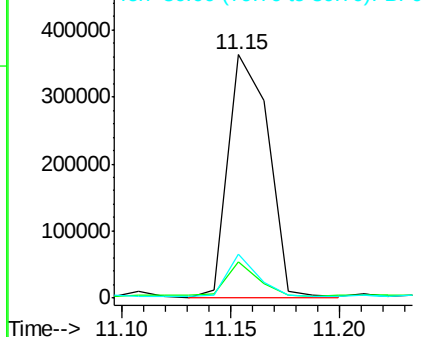


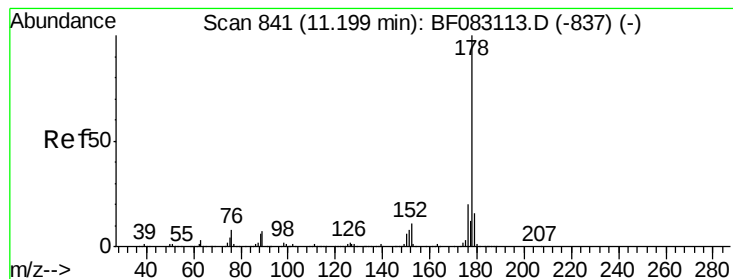
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Tgt Ion:188 Resp: 464543
Ion Ratio Lower Upper
188 100
94 15.0 6.0 9.0#
80 17.9 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





#70

Phenanthrene

Concen: 4.73 ng

RT: 11.18 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

SB-2

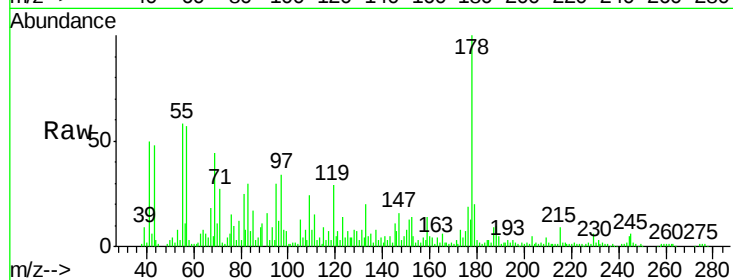
Tot Ion:178 Resp: 126616

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.2

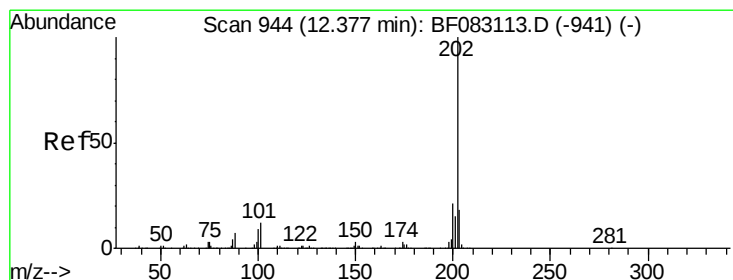
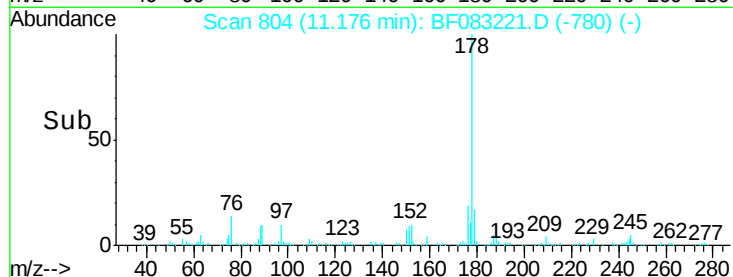
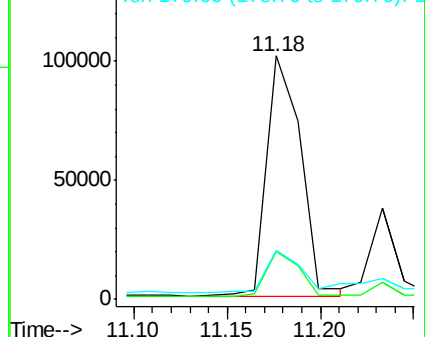
179 20.1 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 4.31 ng

RT: 12.36 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

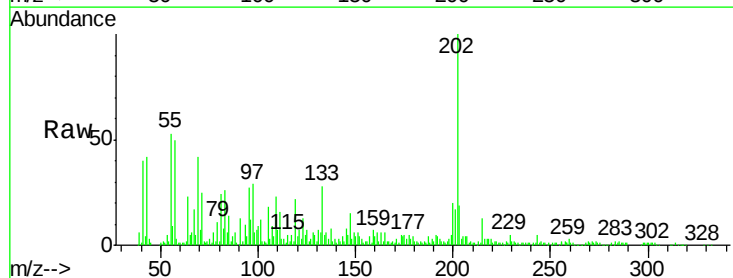
Tgt Ion:202 Resp: 118168

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

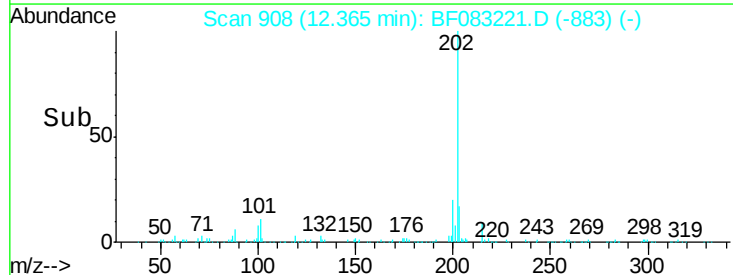
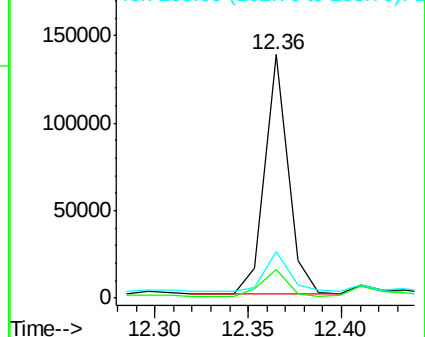
203 19.1 0.0 38.4

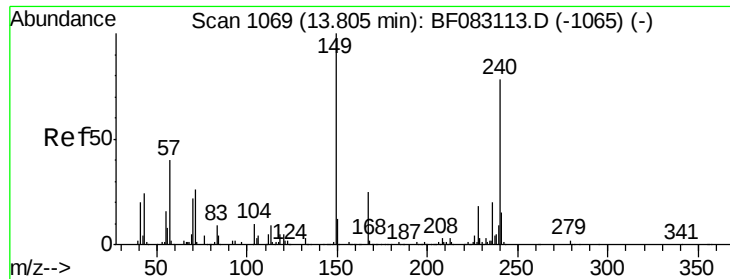


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

SB-2

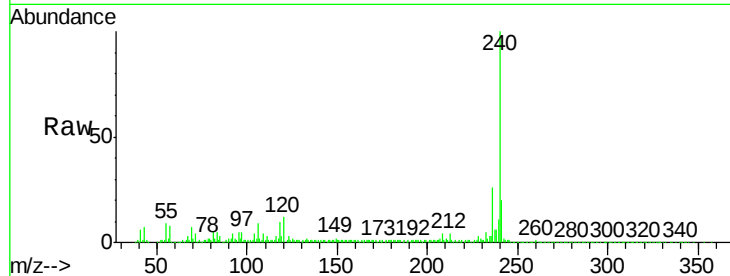
Tot Ion:240 Resp: 410729

Ion Ratio Lower Upper

240 100

120 11.6 5.4 8.2#

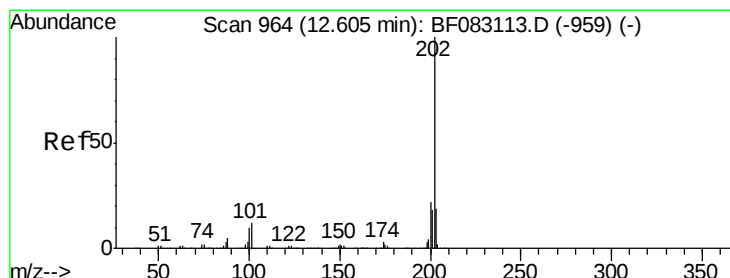
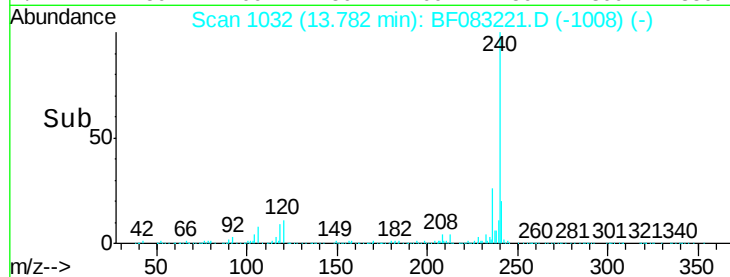
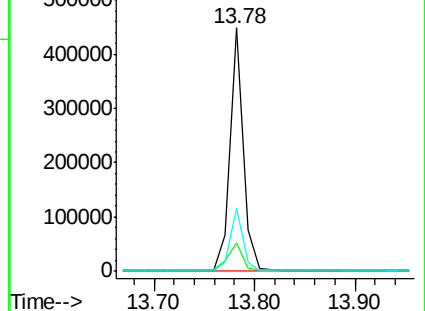
236 26.1 20.6 31.0



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



#77

Pyrene

Concen: 3.86 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083221.D

Acq: 23 Nov 2015 23:35

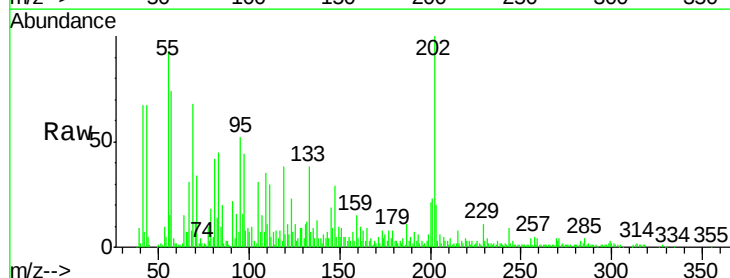
Tgt Ion:202 Resp: 108210

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

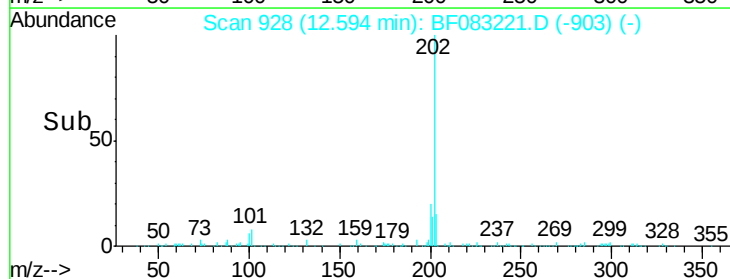
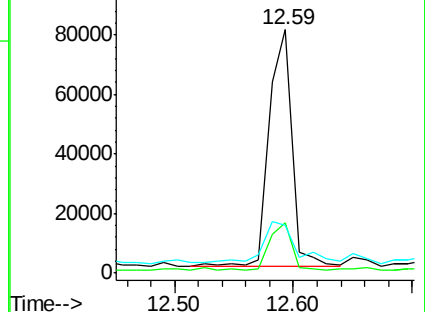
203 19.7 15.0 22.4

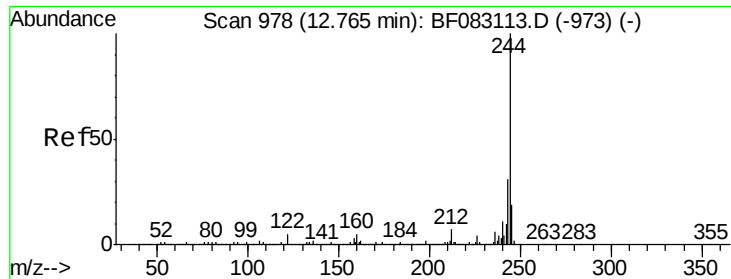


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

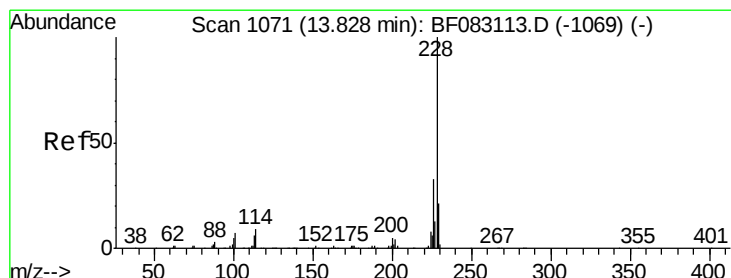
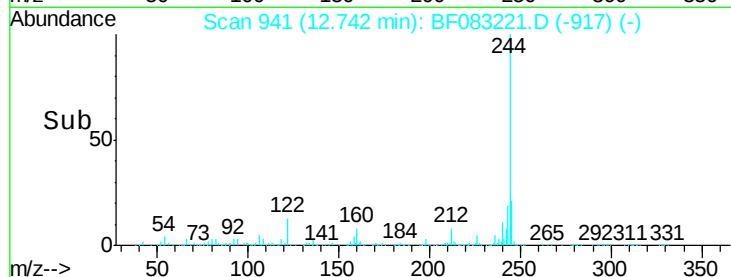
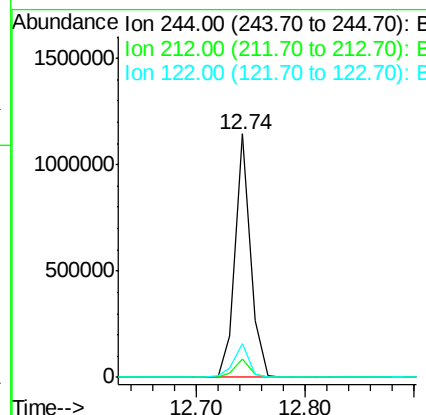
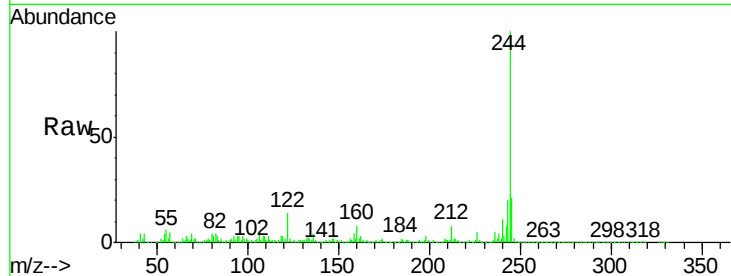




#78
 Terphenyl-d14
 Concen: 63.75 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083221.D
 Acq: 23 Nov 2015 23:35

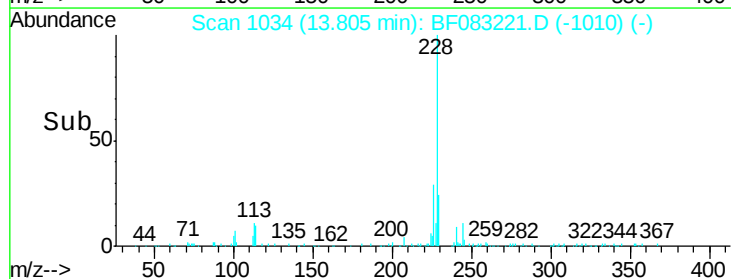
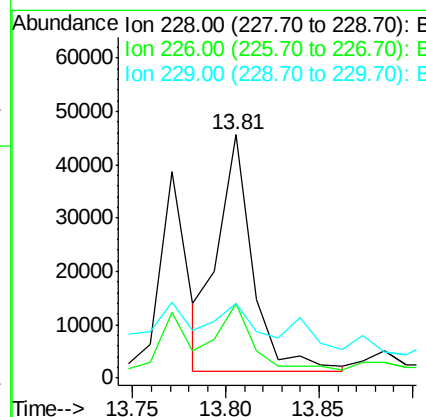
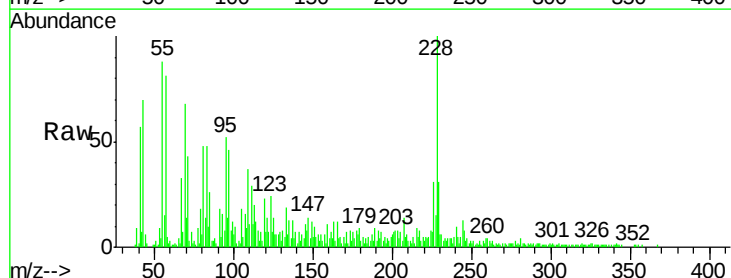
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

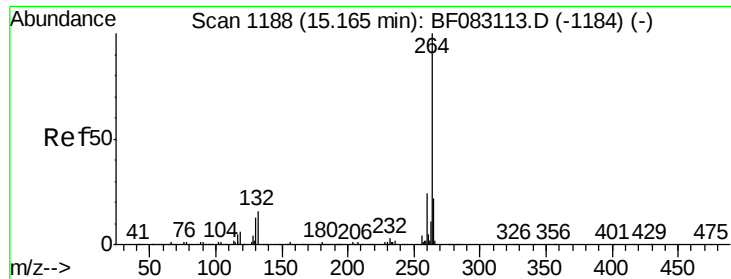
Tot Ion:244 Resp: 1111863
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 13.8 4.3 6.5#



#82
 Chrysene
 Concen: 2.45 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083221.D
 Acq: 23 Nov 2015 23:35

Tgt Ion:228 Resp: 57743
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 30.8 16.6 25.0#

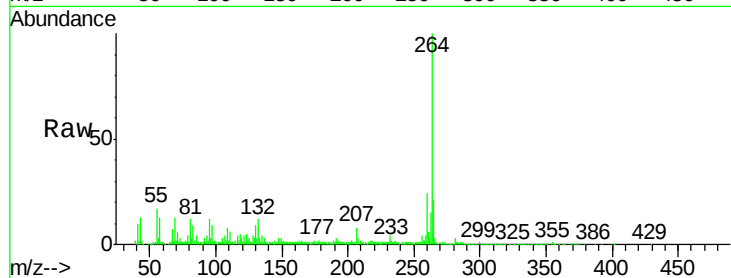




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF083221.D
Acq: 23 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

