

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080933.D
 Acq On : 7 Aug 2015 18:26
 Operator : TP/UM
 Sample : PB84720BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:00:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

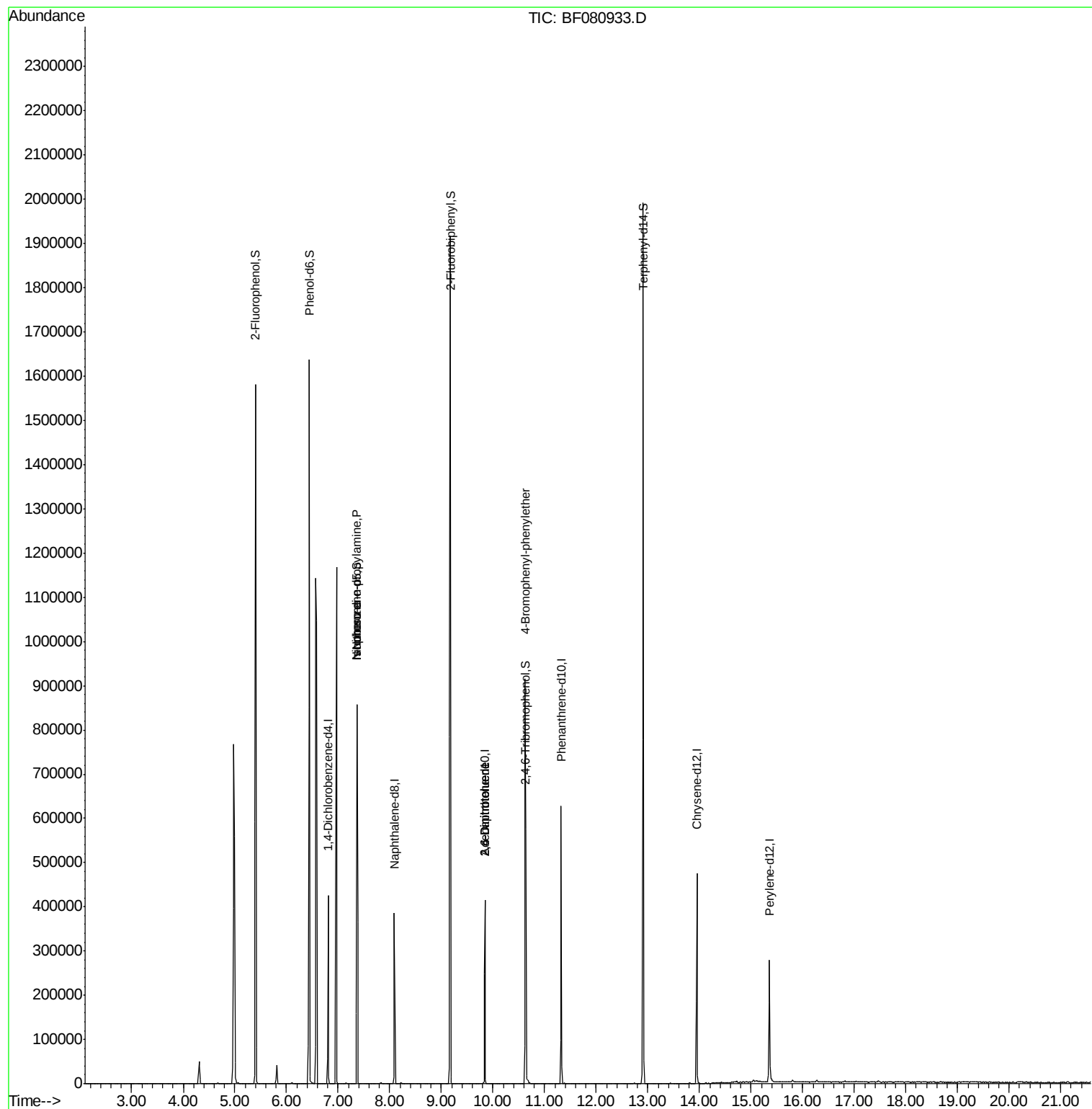
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54325	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	192238	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	97613	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	212555	20.00	ng	0.00
75) Chrysene-d12	13.95	240	177513	20.00	ng	-0.01
86) Perylene-d12	15.36	264	134311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	385395	115.91	ng	0.02
7) Phenol-d6	6.44	99	607487	133.33	ng	0.00
23) Nitrobenzene-d5	7.37	82	318229	78.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	143189	133.52	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	634002	91.44	ng	0.00
78) Terphenyl-d14	12.91	244	645006	75.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	41339	12.41	ng	# 78
25) Isophorone	7.37	82	281878	36.07	ng	# 65
50) 2,6-Dinitrotoluene	9.85	165	11764	7.02	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	11764	5.25	ng	# 7
66) 4-Bromophenyl-phenylether	10.62	248	8568	3.81	ng	# 1

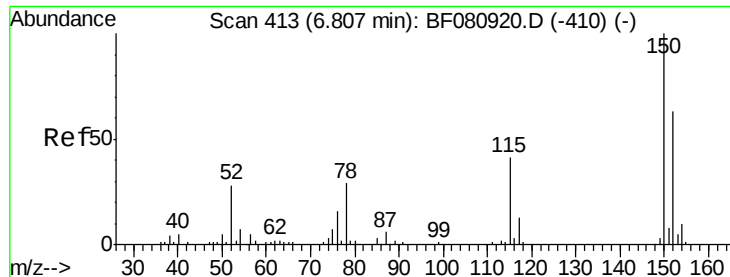
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080933.D
Acq On : 7 Aug 2015 18:26
Operator : TP/UM
Sample : PB84720BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 08 02:00:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration



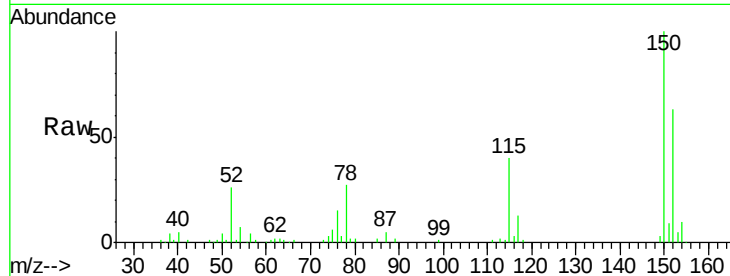


#1

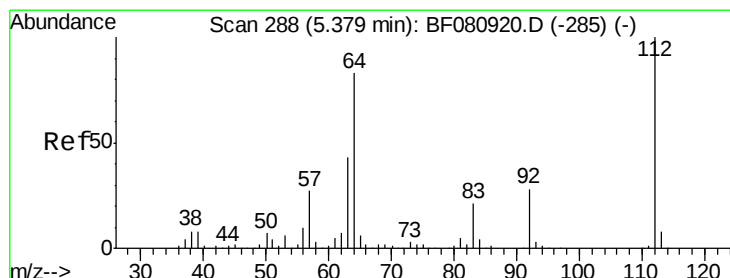
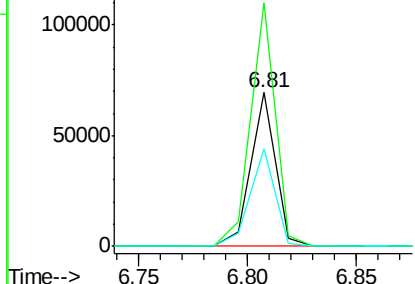
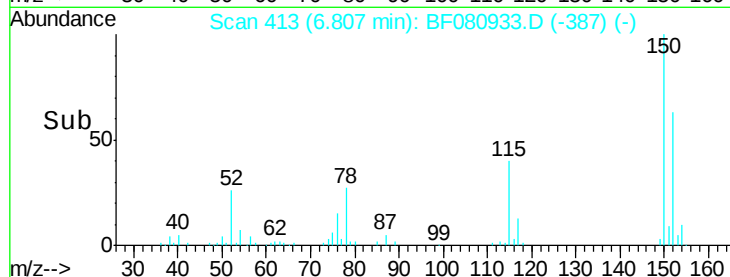
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54325
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 63.9 52.6 78.8



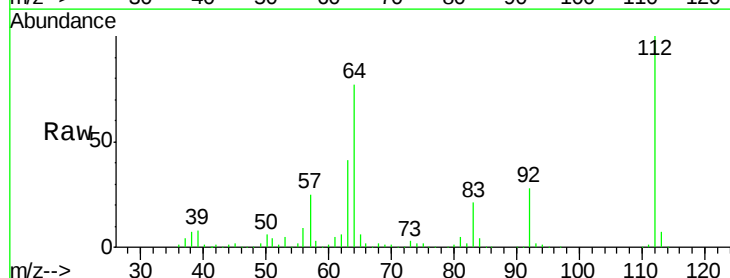
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



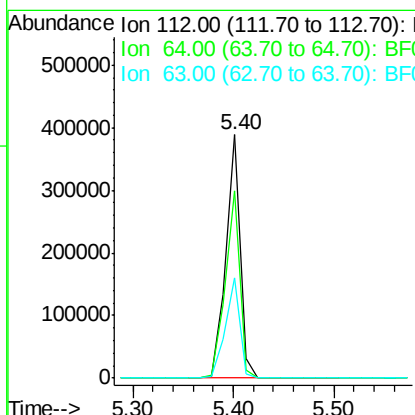
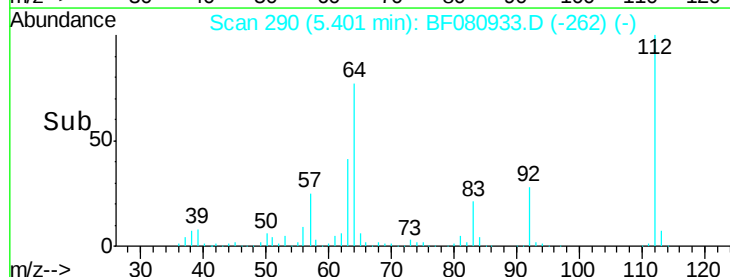
#5

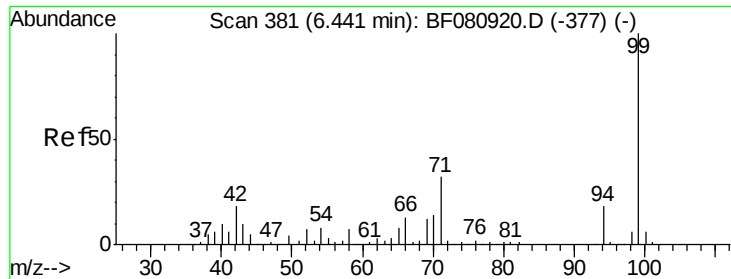
2-Fluorophenol
Concen: 115.91 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Tgt Ion:112 Resp: 385395
Ion Ratio Lower Upper
112 100
64 76.7 66.1 99.1
63 41.1 34.6 52.0



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: 133.33 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Instrument :

BNA_F

ClientSampled :

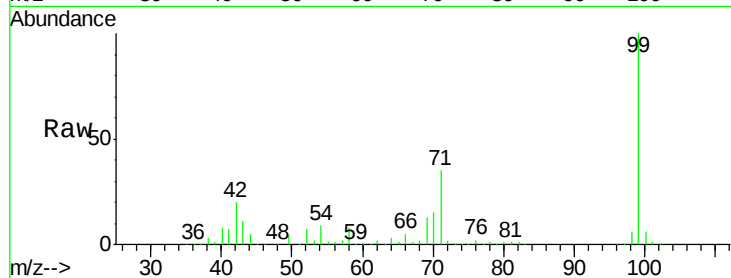
Tot Ion: 99 Resp: 607487

Ion Ratio Lower Upper

99 100

42 20.0 14.4 21.6

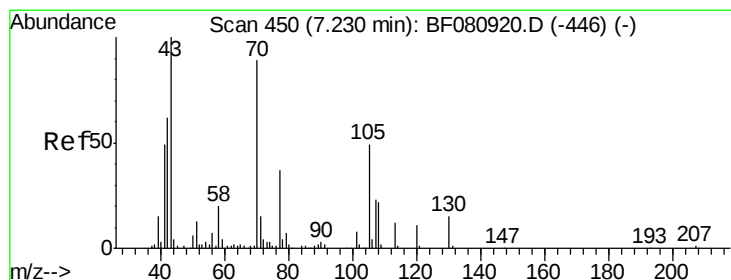
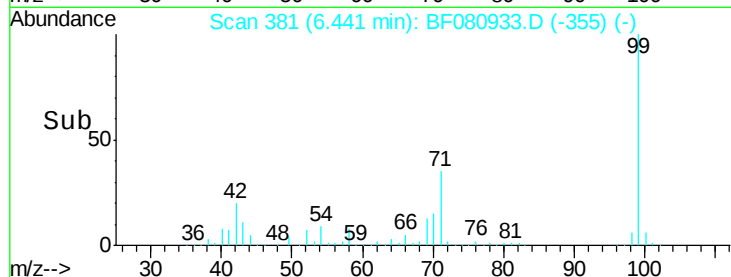
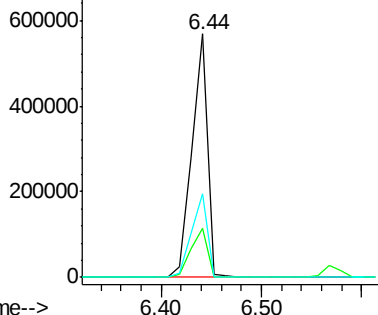
71 34.6 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.41 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Tgt Ion: 70 Resp: 41339

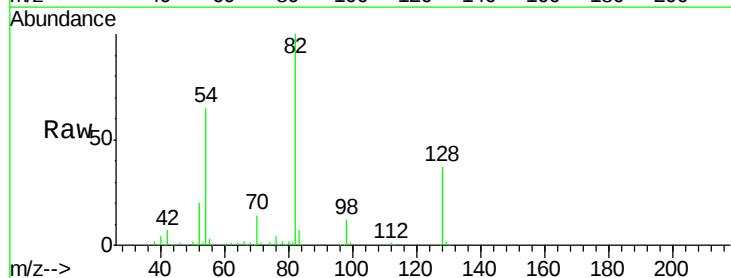
Ion Ratio Lower Upper

70 100

42 54.9 55.7 83.5#

101 0.0 7.0 10.6#

130 1.7 13.8 20.8#

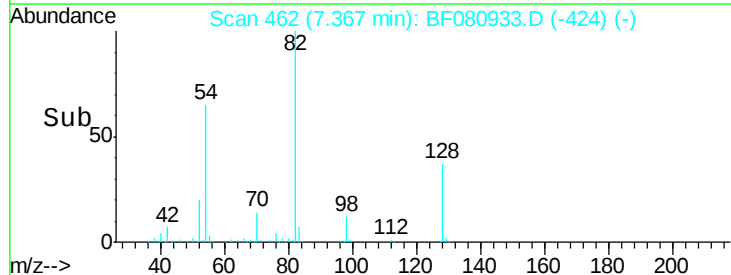
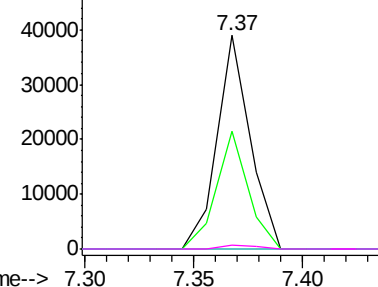


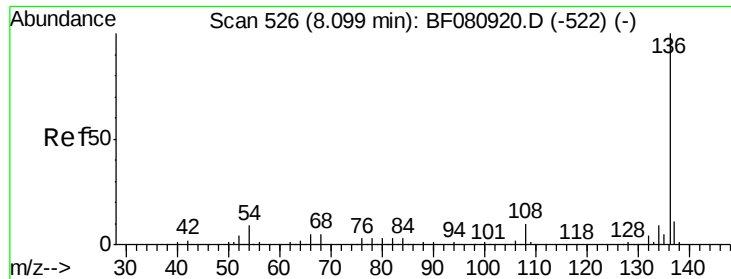
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

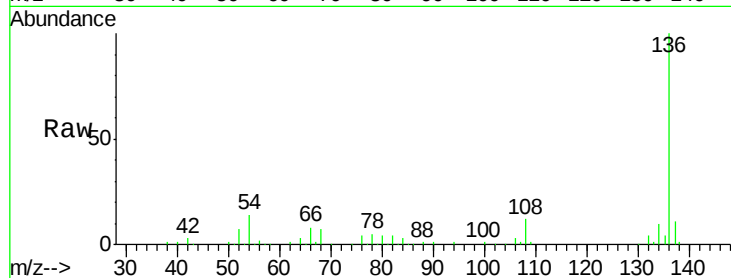




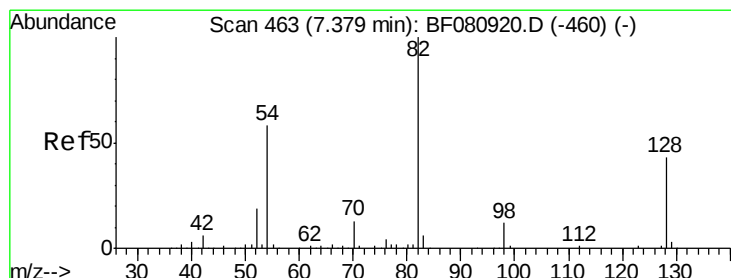
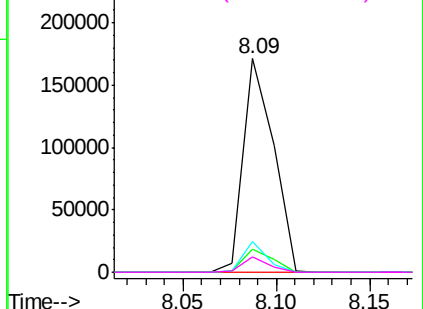
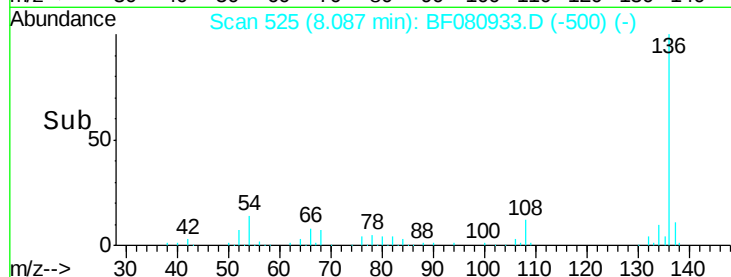
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	192238
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	14.3	7.1 10.7#
68	7.2	3.8 5.8#

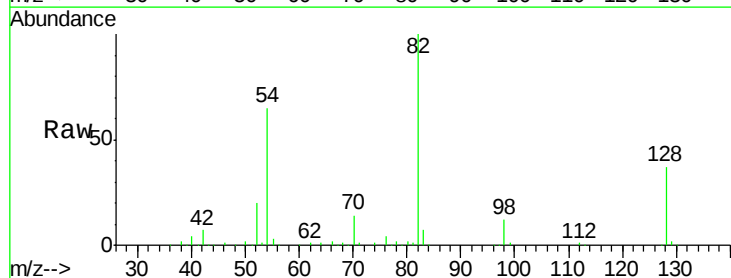


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

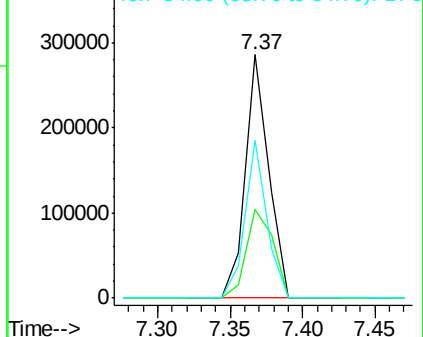
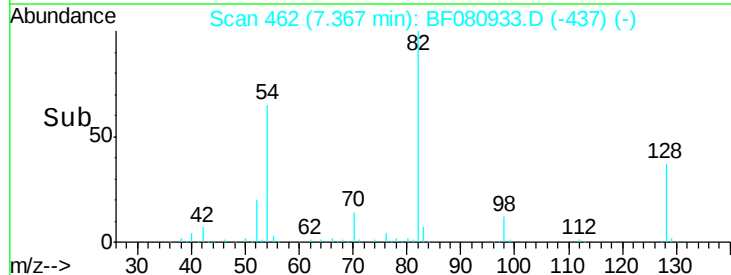


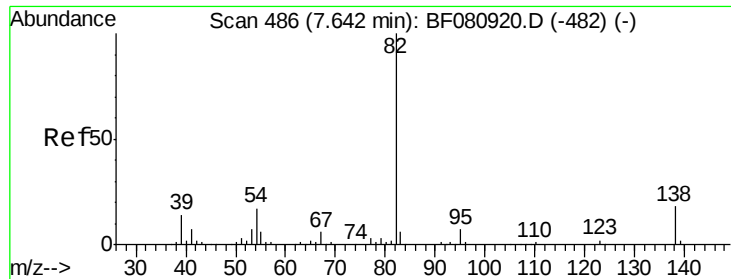
#23
Nitrobenzene-d5
Concen: 78.30 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Tgt Ion: 82	Resp:	318229
Ion Ratio	Lower	Upper
82	100	
128	36.5	34.1 51.1
54	65.0	46.5 69.7



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





#25

Isophorone

Concen: 36.07 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Instrument :

BNA_F

ClientSampleId :

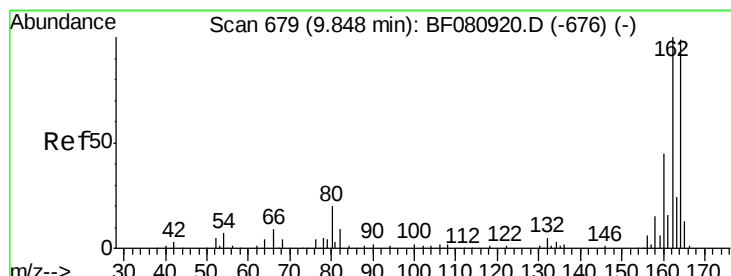
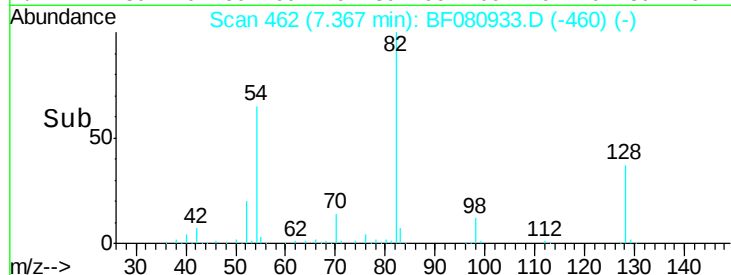
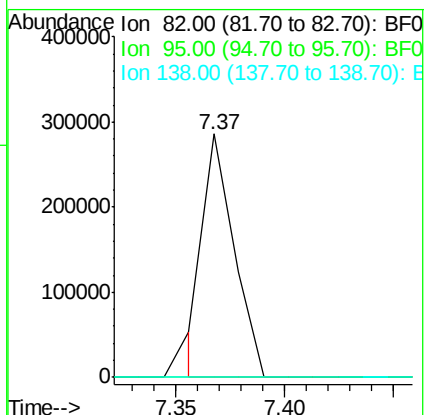
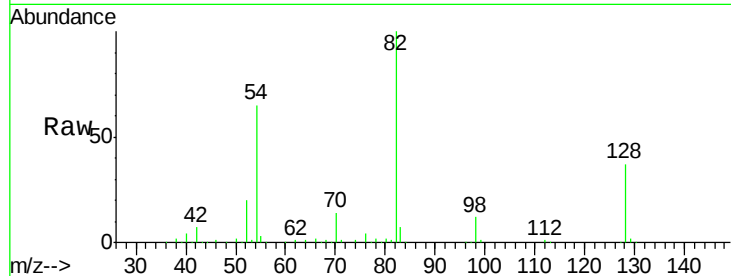
Tot Ion: 82 Resp: 281878

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

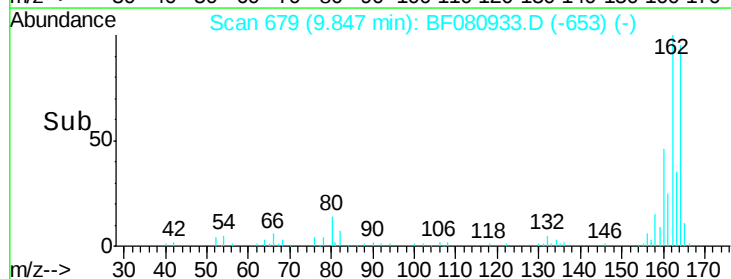
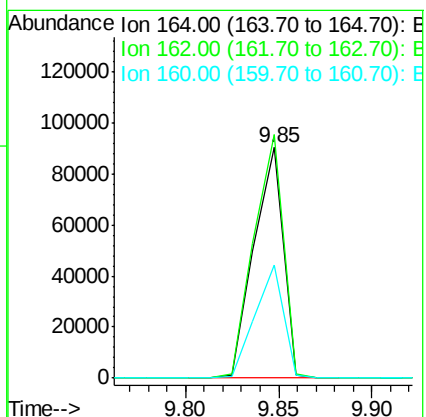
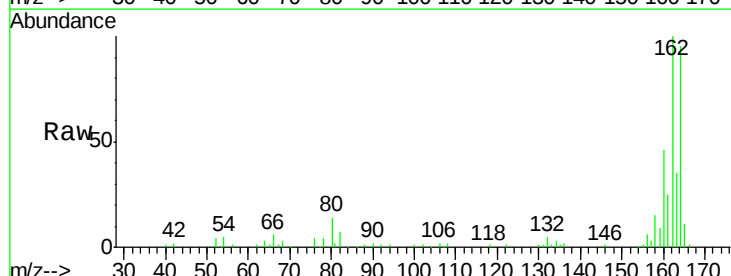
Tgt Ion: 164 Resp: 97613

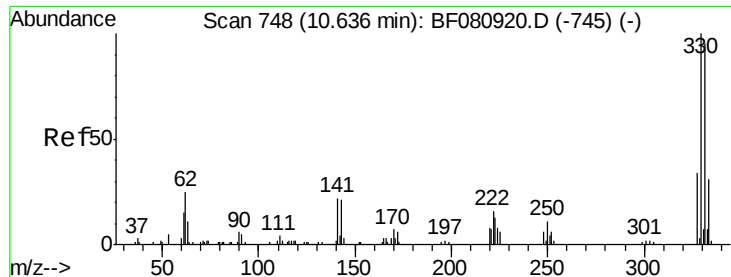
Ion Ratio Lower Upper

164 100

162 105.7 80.5 120.7

160 48.9 36.6 54.8

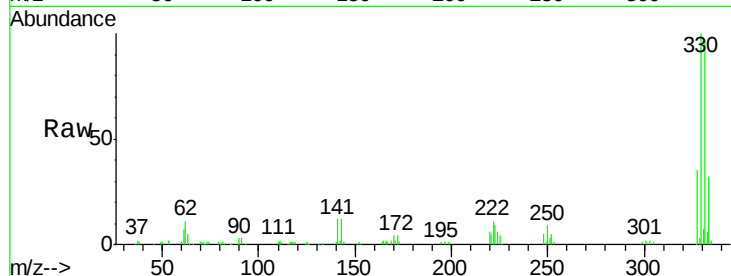




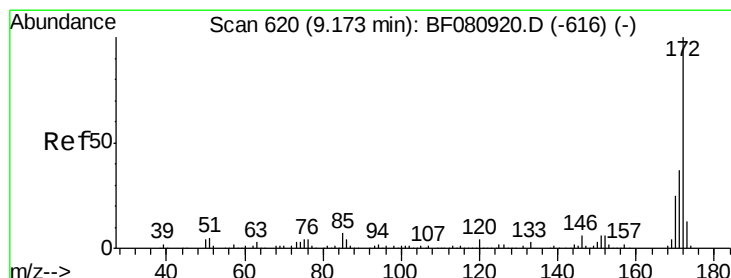
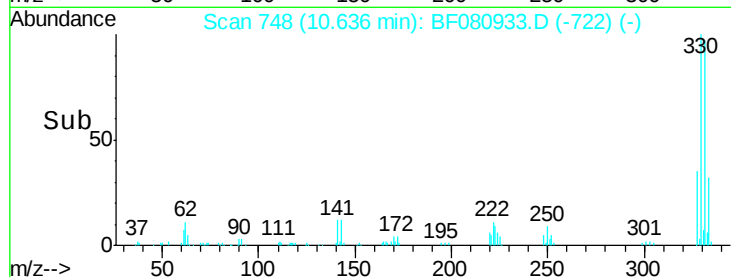
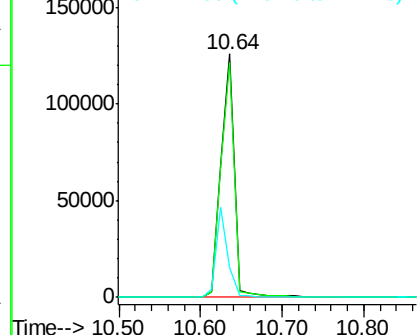
#41
 2,4,6-Tribromophenol
 Concen: 133.52 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	32.8	27.8	41.8

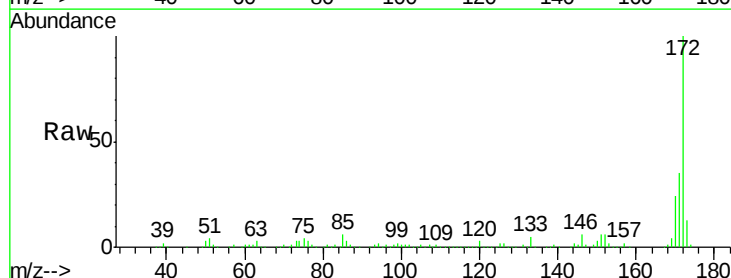


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

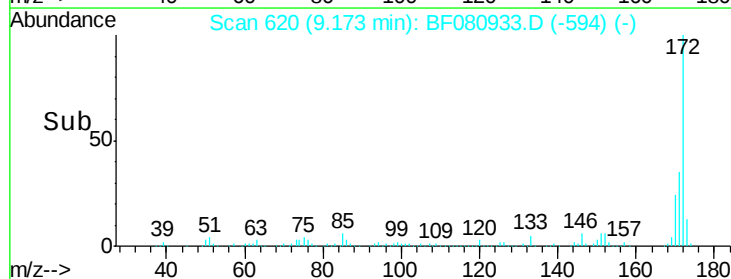
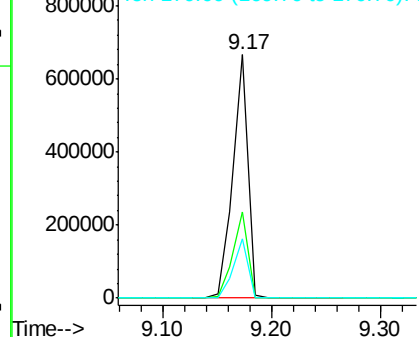


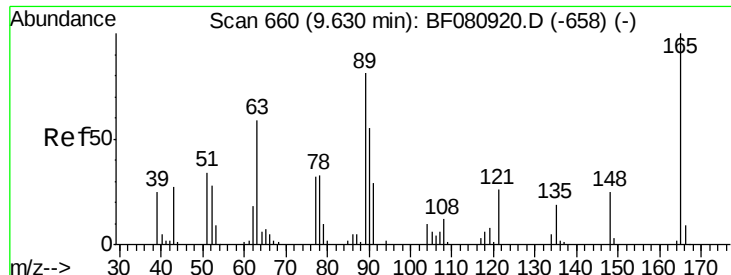
#44
 2-Fluorobiphenyl
 Concen: 91.44 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.4	19.7	29.5



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

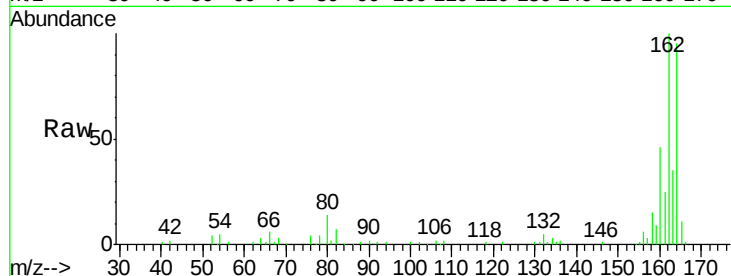




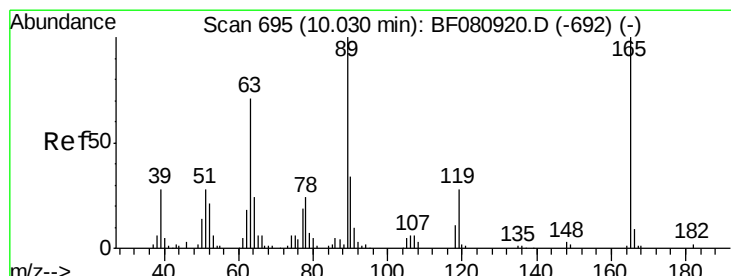
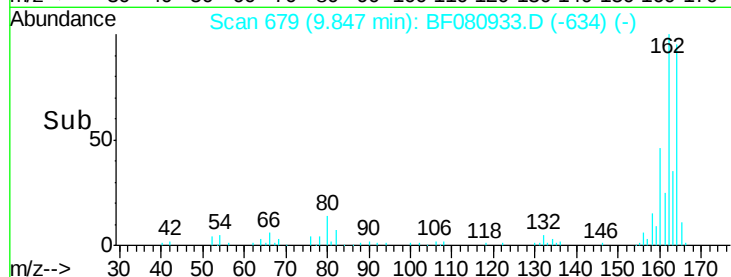
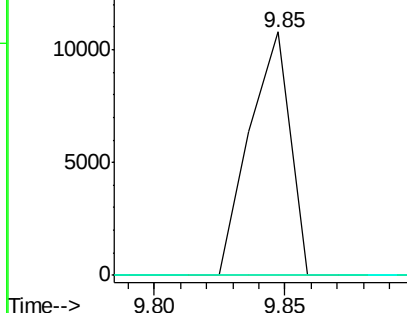
#50
 2,6-Dinitrotoluene
 Concen: 7.02 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 11764
 Ion Ratio Lower Upper
 165 100
 63 0.0 77.6 116.4#
 89 0.0 64.5 96.7#



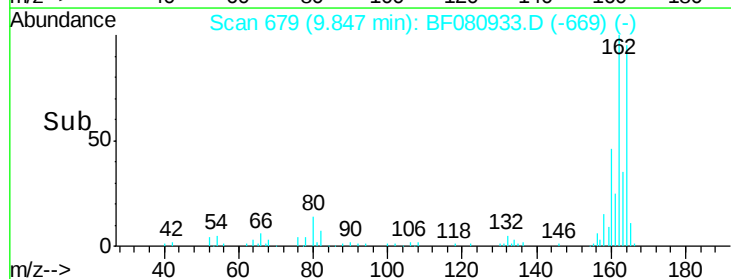
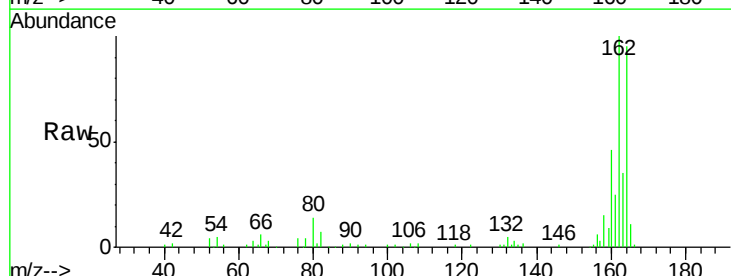
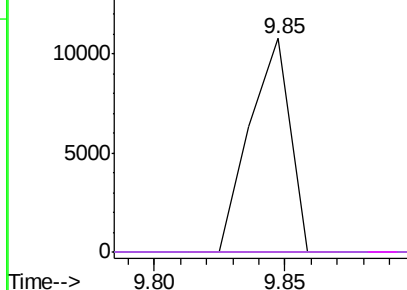
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

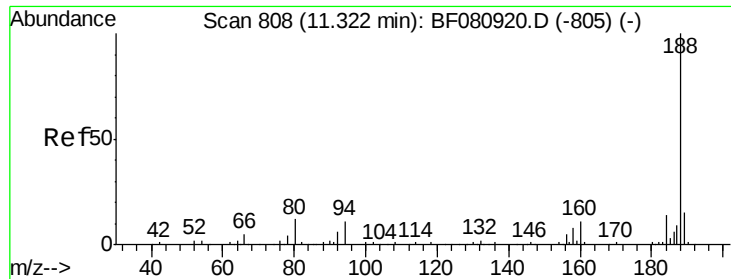


#56
 2,4-Dinitrotoluene
 Concen: 5.25 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Tgt Ion:165 Resp: 11764
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.7 85.1#
 89 0.0 80.4 120.6#
 182 0.0 1.5 2.3#

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

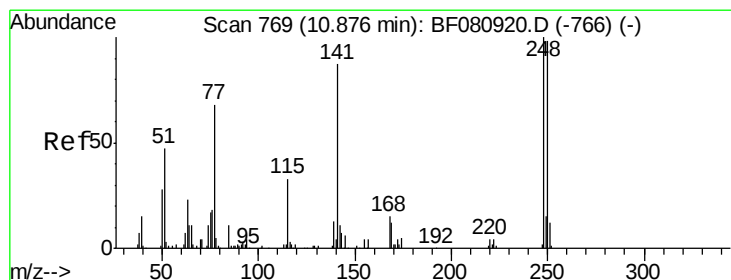
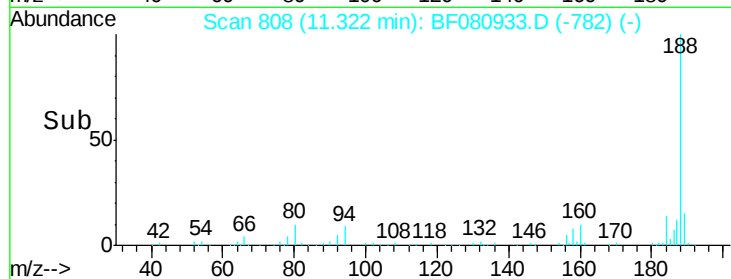
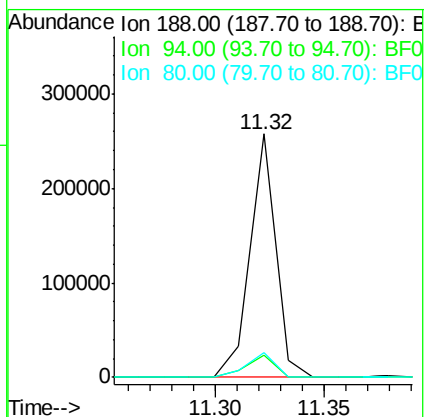
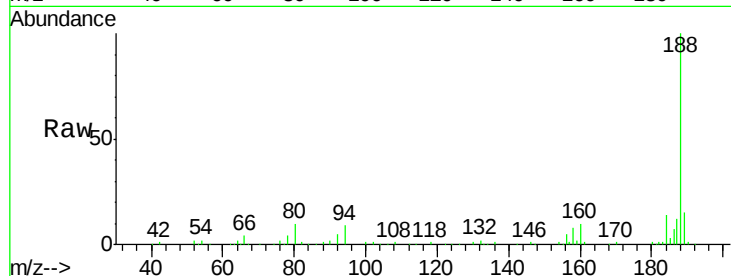




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

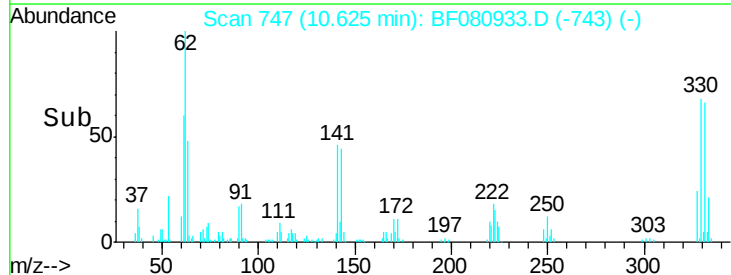
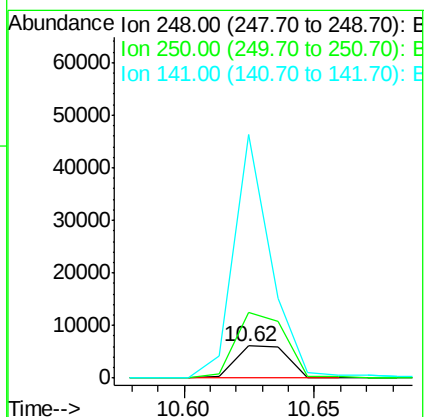
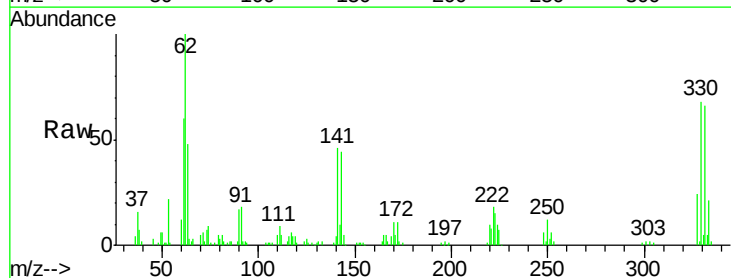
Instrument :
BNA_F
ClientSampleId :

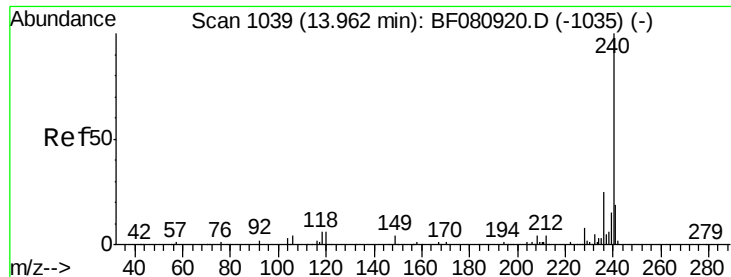
Tot Ion:188 Resp: 212555
Ion Ratio Lower Upper
188 100
94 9.2 8.8 13.2
80 10.3 9.5 14.3



#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF080933.D
Acq: 7 Aug 2015 18:26

Tgt Ion:248 Resp: 8568
Ion Ratio Lower Upper
248 100
250 202.9 78.1 117.1#
141 754.9 69.6 104.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

Instrument :

BNA_F

ClientSampleId :

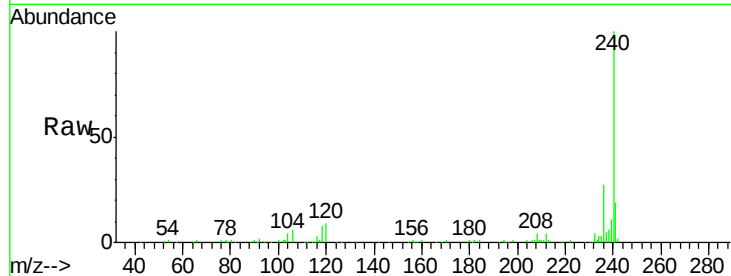
Tot Ion:240 Resp: 177513

Ion Ratio Lower Upper

240 100

120 8.9 5.2 7.8#

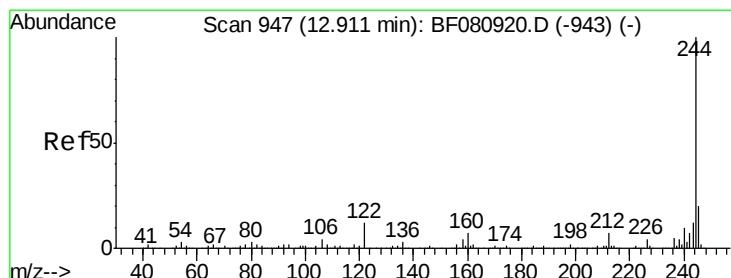
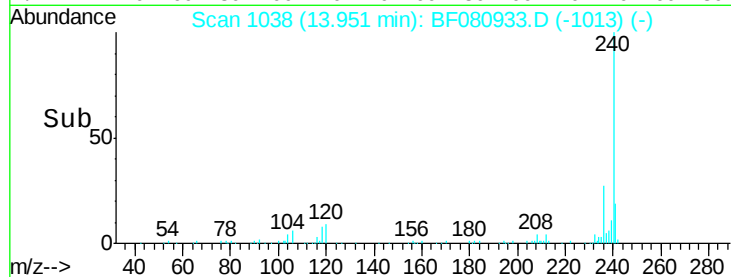
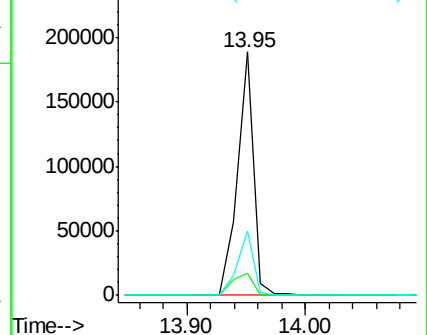
236 26.6 20.2 30.4



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: 75.05 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080933.D

Acq: 7 Aug 2015 18:26

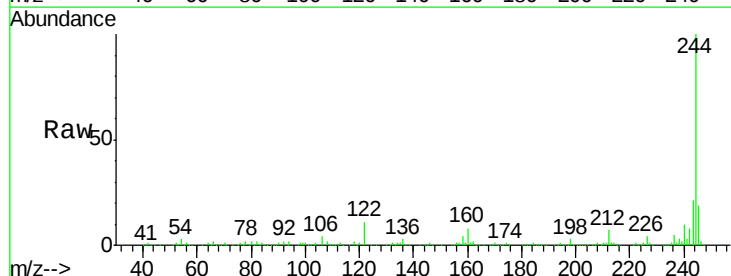
Tgt Ion:244 Resp: 645006

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

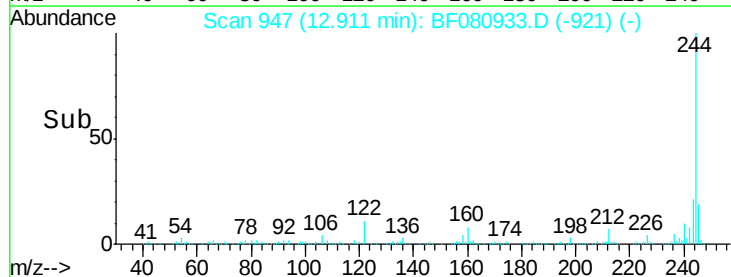
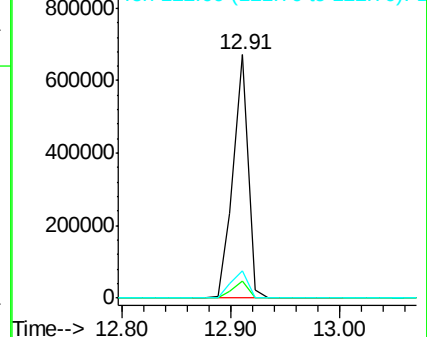
122 11.5 9.4 14.2

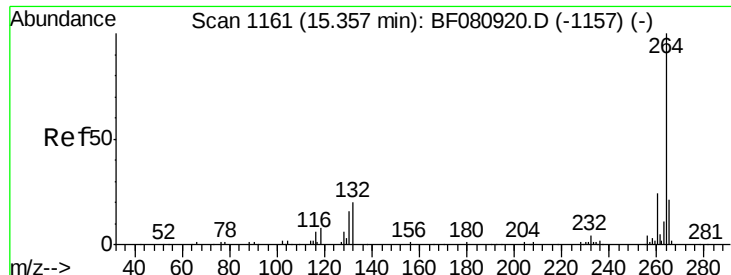


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

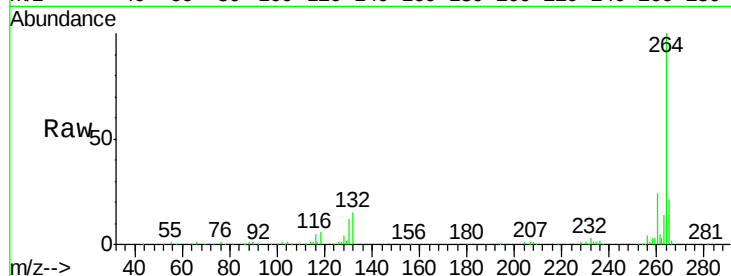




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080933.D
 Acq: 7 Aug 2015 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.0	17.0	25.4



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

