

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082192.D
 Acq On : 10 Oct 2015 23:12
 Operator : UM/IZ
 Sample : G3979-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:01:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

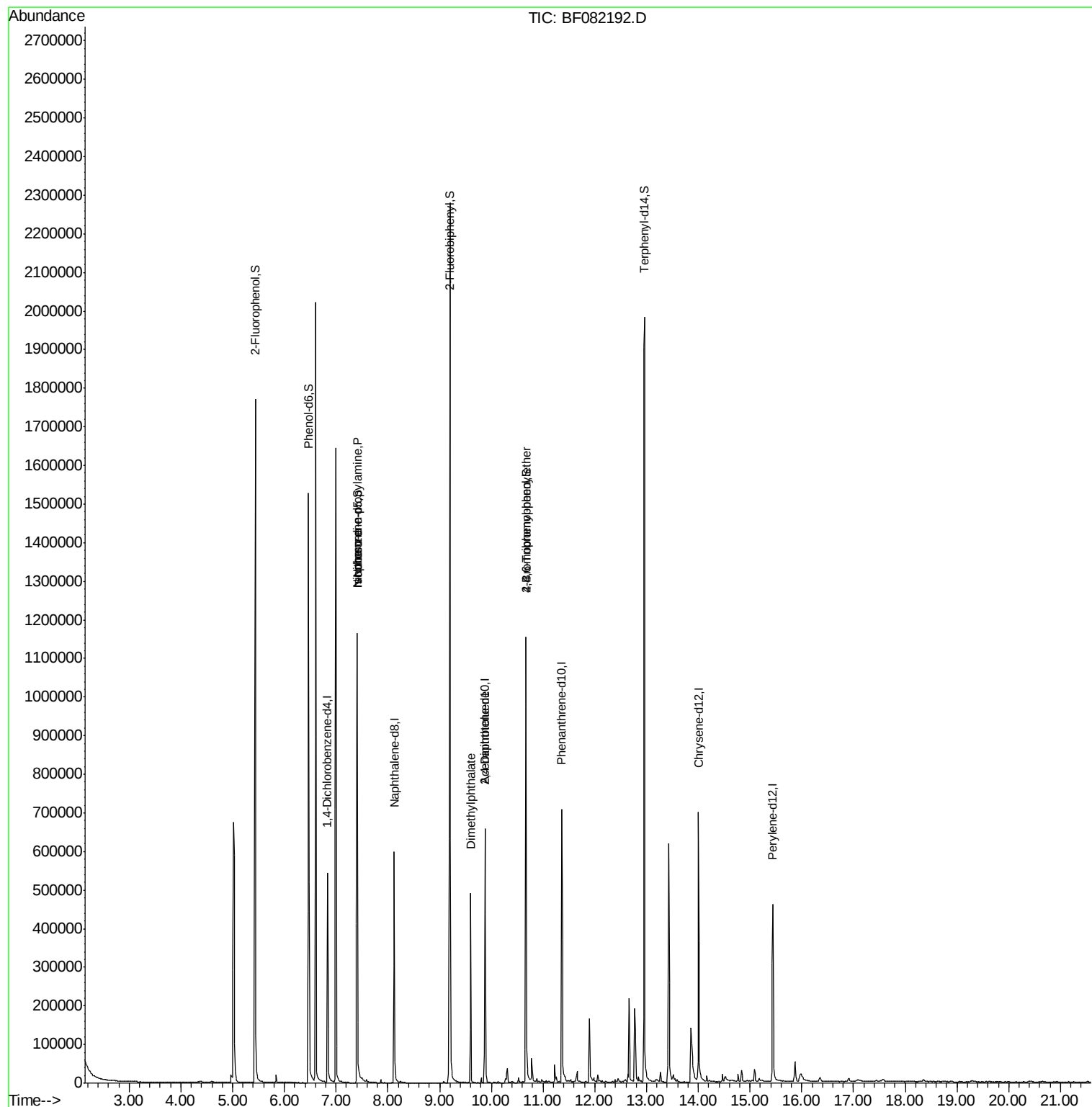
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	95487	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	373990	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	184525	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	360027	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	337167	20.00	ng	-0.01
86) Perylene-d12	15.44	264	263909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	590007	124.70	ng	0.01
7) Phenol-d6	6.47	99	671315	109.03	ng	-0.01
23) Nitrobenzene-d5	7.41	82	473450	85.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	230797	133.37	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	907792	81.59	ng	-0.01
78) Terphenyl-d14	12.96	244	1043590	82.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	60362	13.96	ng	# 78
25) Isophorone	7.41	82	369697	32.89	ng	# 66
49) Dimethylphthalate	9.60	163	234246	18.03	ng	98
56) 2,4-Dinitrotoluene	9.87	165	23175	6.76	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	14810	4.11	ng	# 1

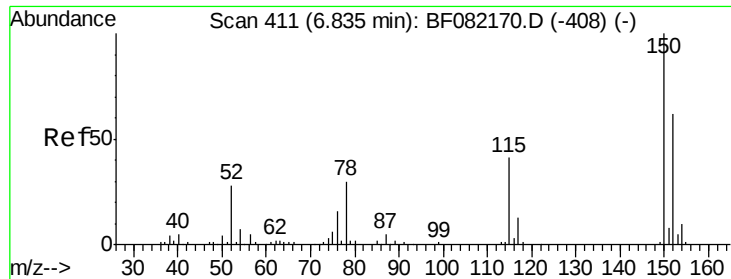
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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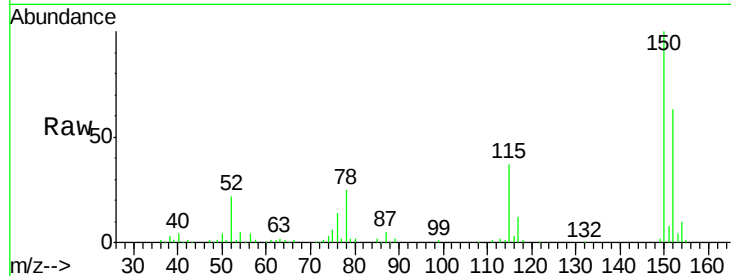


#1

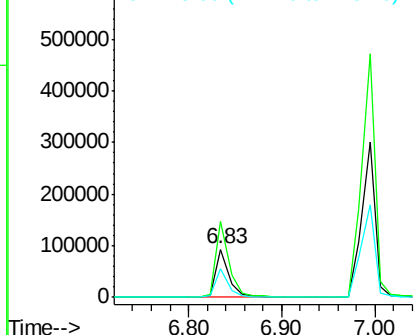
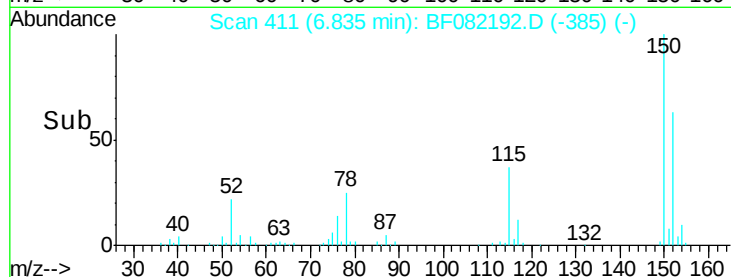
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95487
Ion Ratio Lower Upper
152 100
150 157.8 129.0 193.4
115 58.5 52.1 78.1



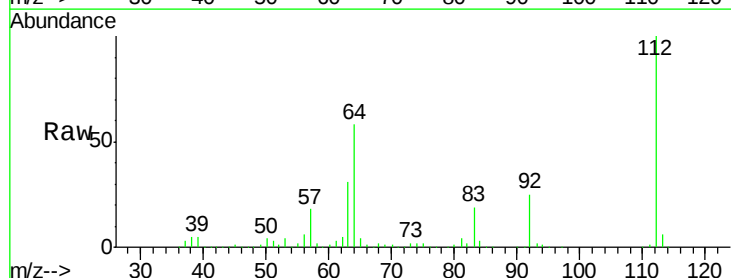
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



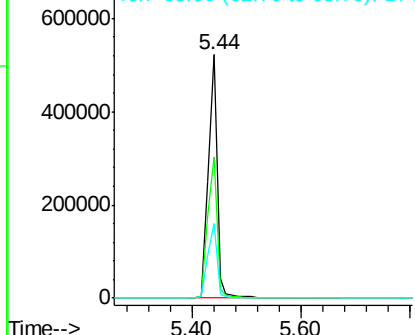
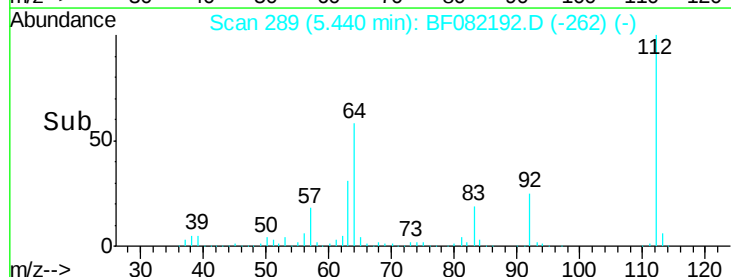
#5

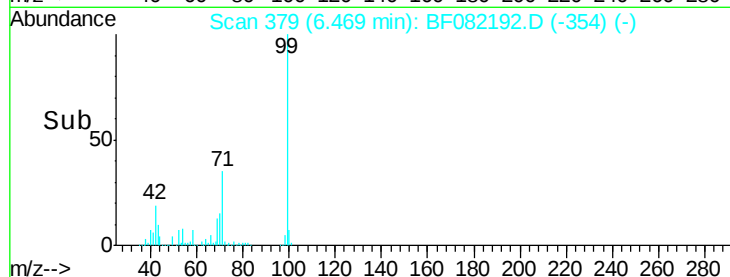
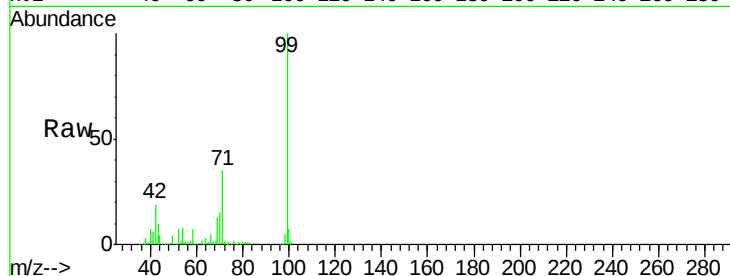
2-Fluorophenol
Concen: 124.70 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

Tgt Ion:112 Resp: 590007
Ion Ratio Lower Upper
112 100
64 58.2 48.6 73.0
63 30.9 25.1 37.7



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: 109.03 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

Instrument :

BNA_F

ClientSampleId :

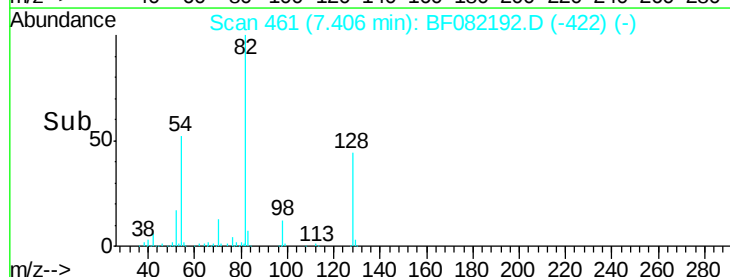
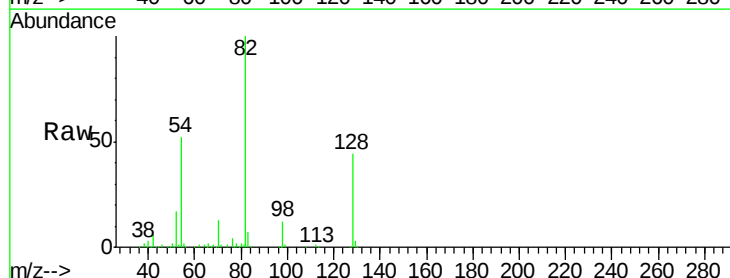
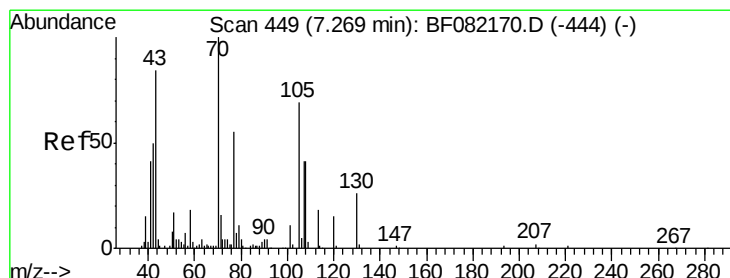
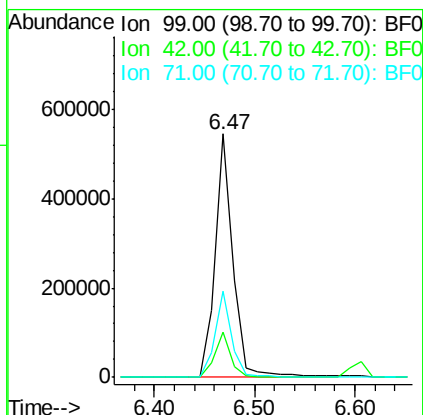
Tot Ion: 99 Resp: 671315

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

71 35.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.96 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

Tgt Ion: 70 Resp: 60362

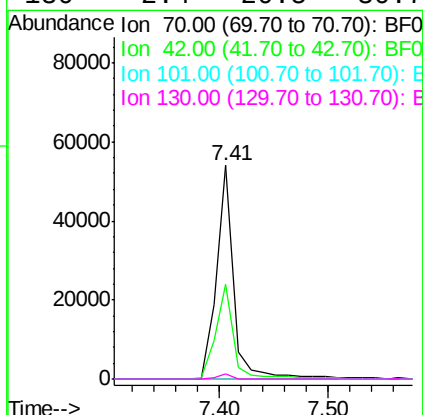
Ion Ratio Lower Upper

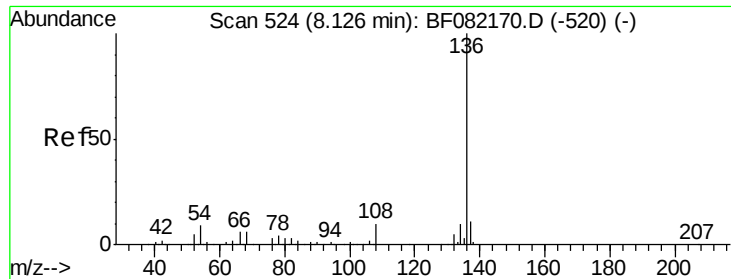
70 100

42 44.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 373990

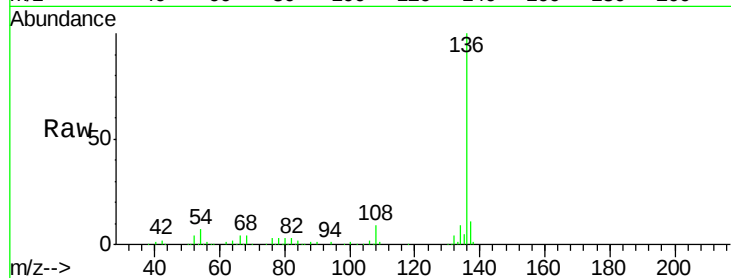
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.9 7.5 11.3#

68 4.3 4.6 7.0#

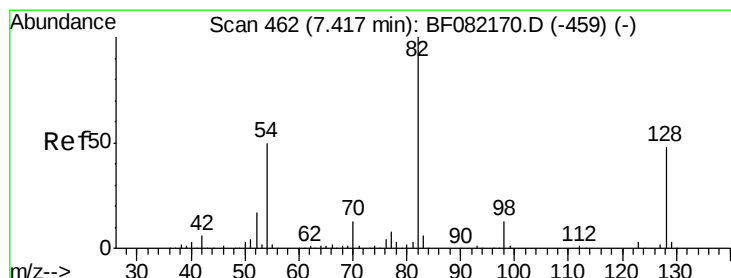
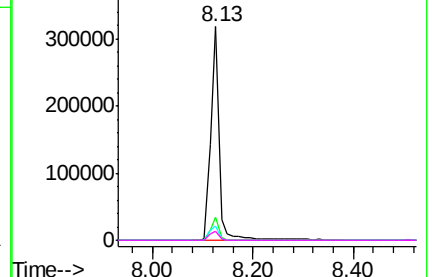
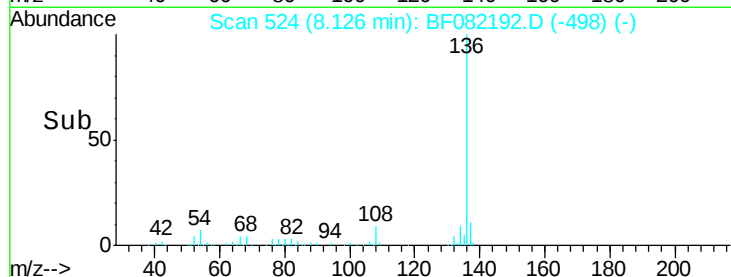


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.01 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

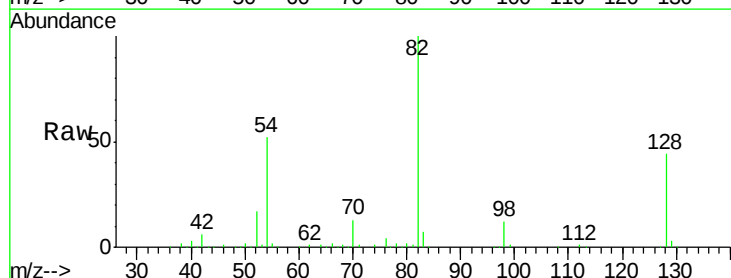
Tgt Ion: 82 Resp: 473450

Ion Ratio Lower Upper

82 100

128 43.5 38.7 58.1

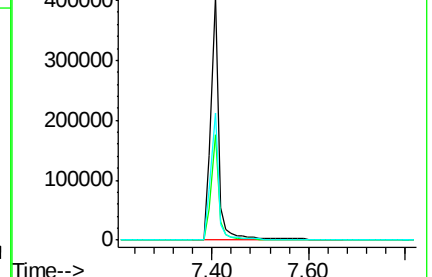
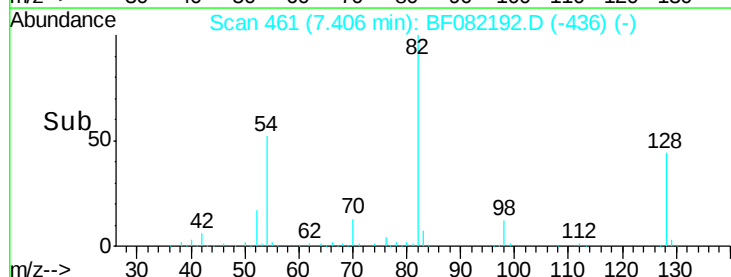
54 52.0 40.1 60.1



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: 32.89 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

Instrument :

BNA_F

ClientSampleId :

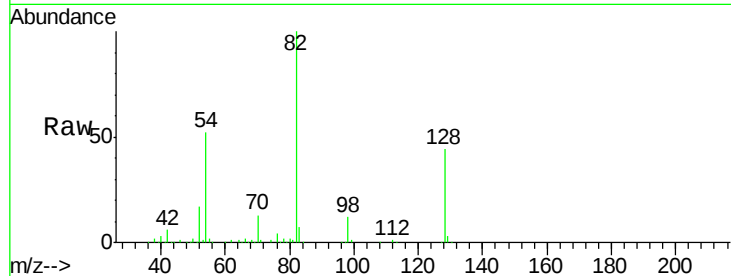
Tot Ion: 82 Resp: 369697

Ion Ratio Lower Upper

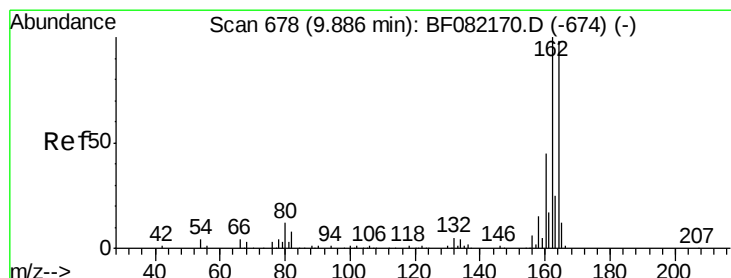
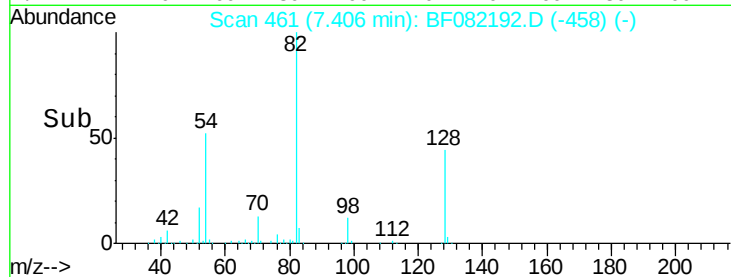
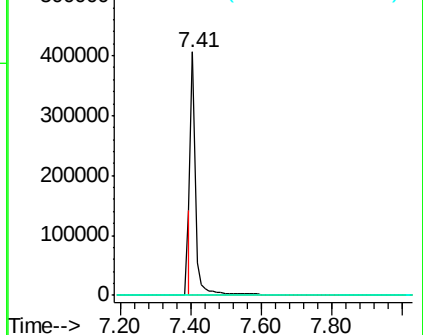
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

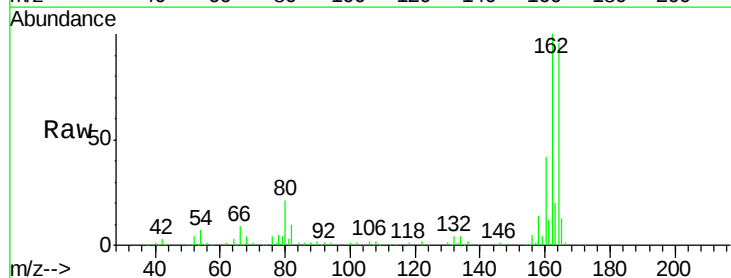
Tgt Ion: 164 Resp: 184525

Ion Ratio Lower Upper

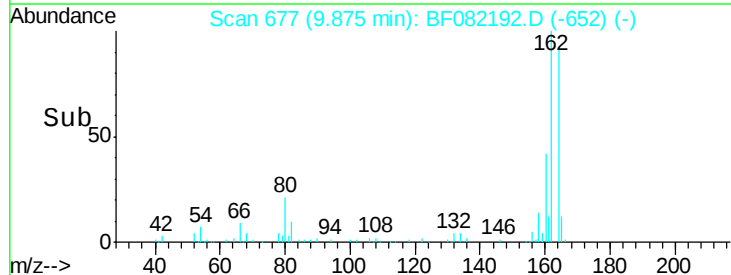
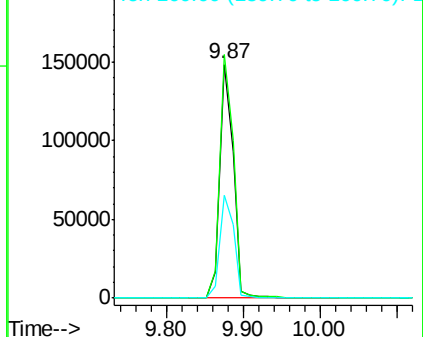
164 100

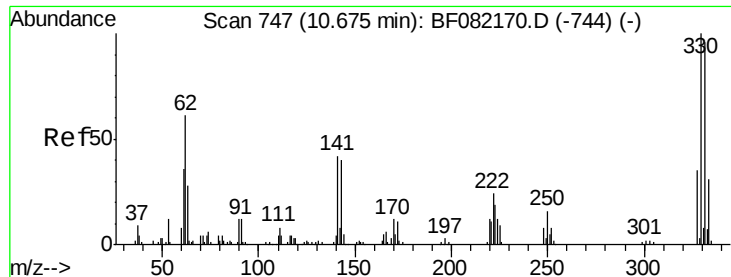
162 104.2 81.6 122.4

160 43.8 36.4 54.6



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

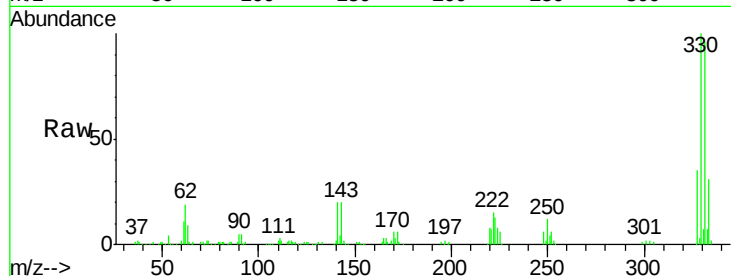




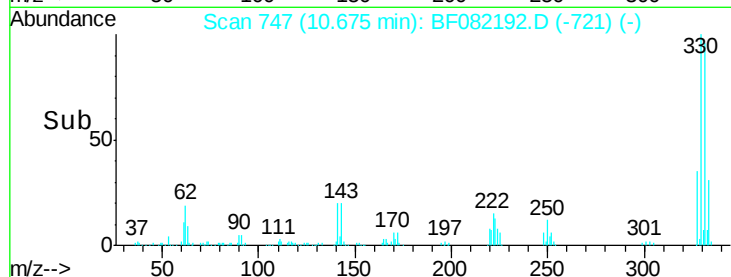
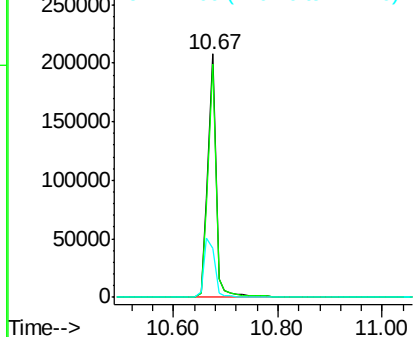
#41
 2,4,6-Tribromophenol
 Concen: 133.37 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082192.D
 Acq: 10 Oct 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	32.0	29.8	44.8

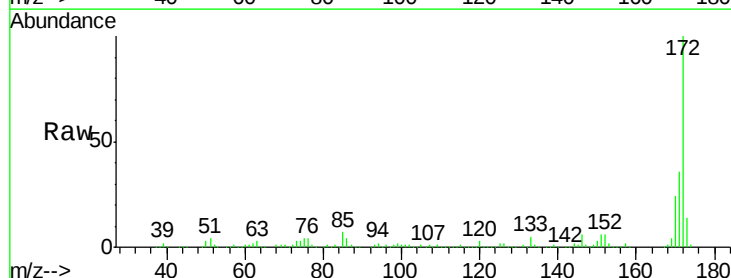


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

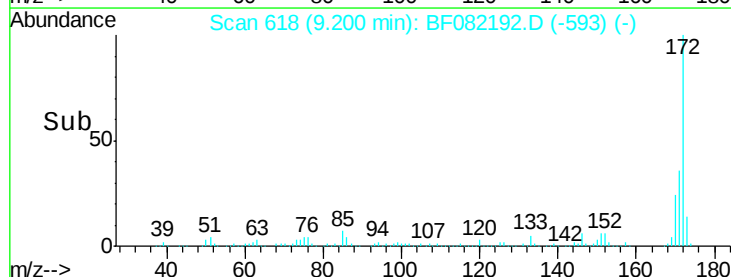
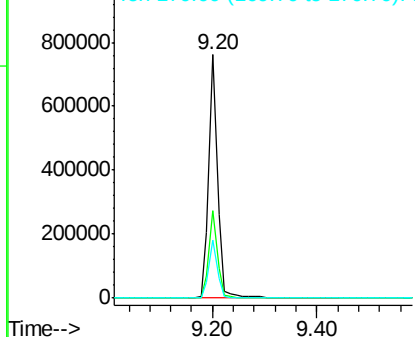


#44
 2-Fluorobiphenyl
 Concen: 81.59 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082192.D
 Acq: 10 Oct 2015 23:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	24.0	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

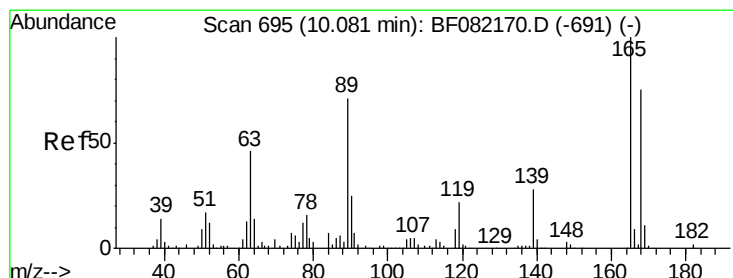
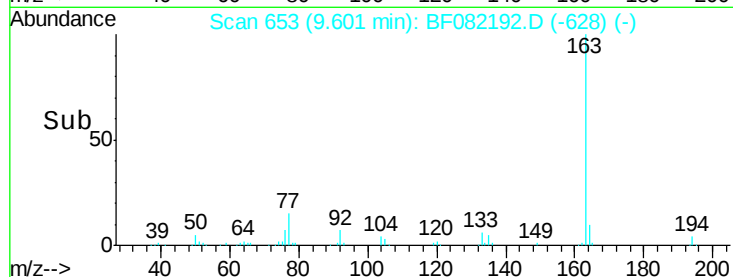
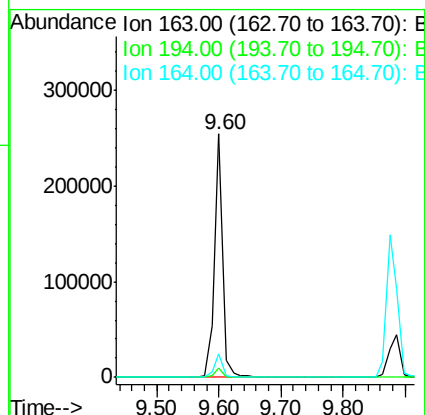
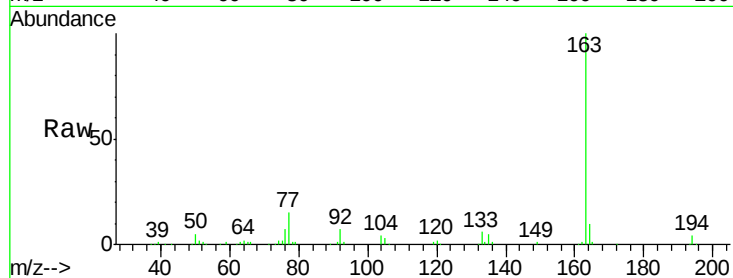




#49
Dimethylphthalate
Concen: 18.03 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

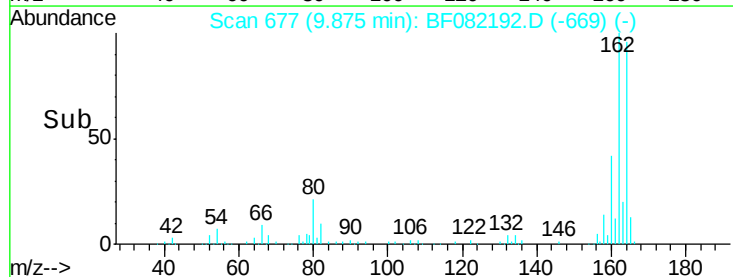
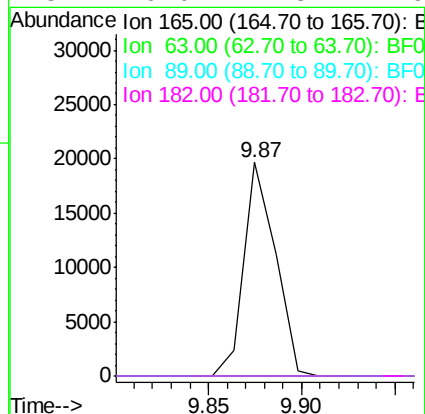
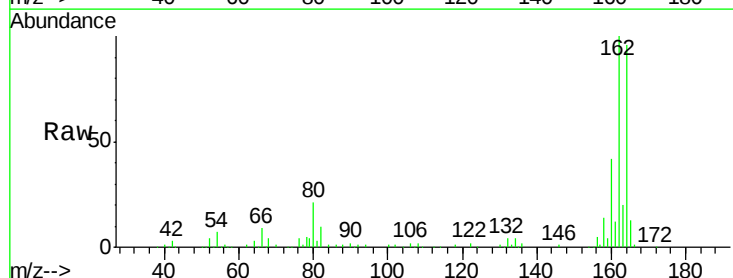
Instrument :
BNA_F
ClientSampleId :

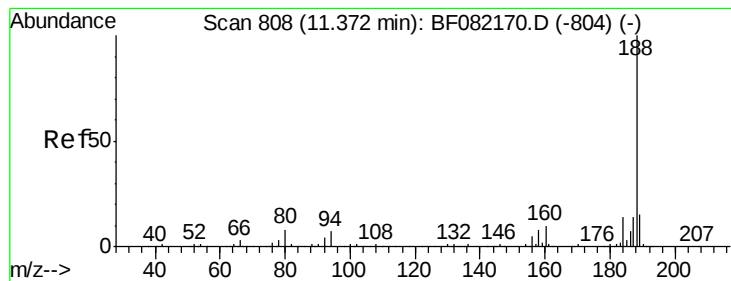
Tot Ion:163 Resp: 234246
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.76 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

Tgt Ion:165 Resp: 23175
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 57.0 85.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

Instrument :

BNA_F

ClientSampleId :

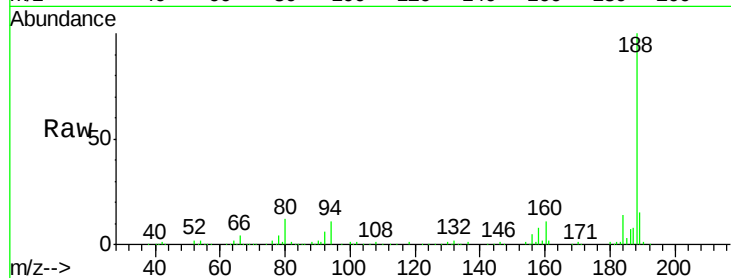
Tot Ion:188 Resp: 360027

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.6#

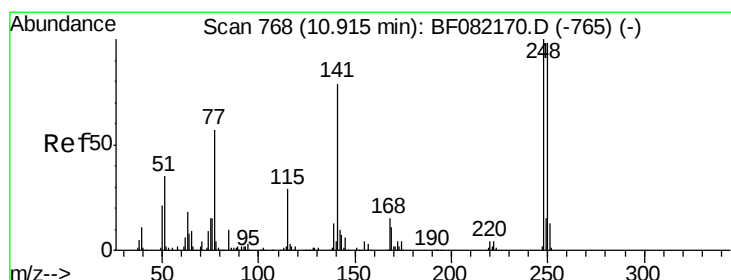
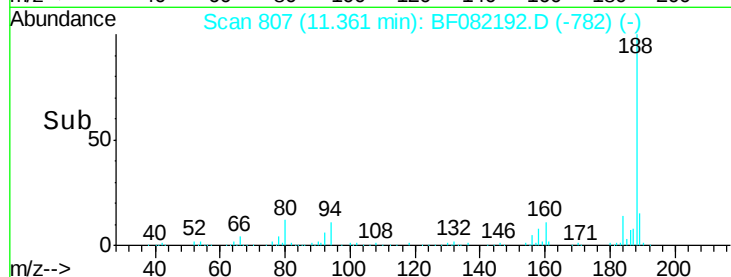
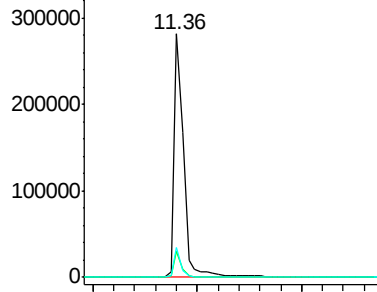
80 12.2 6.4 9.6#



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



#66

4-Bromophenyl-phenylether

Concen: 4.11 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082192.D

Acq: 10 Oct 2015 23:12

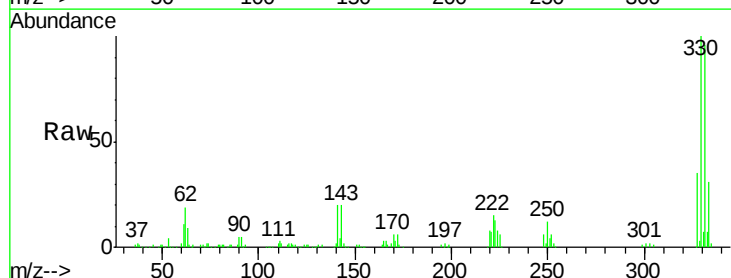
Tgt Ion:248 Resp: 14810

Ion Ratio Lower Upper

248 100

250 204.6 78.6 117.8#

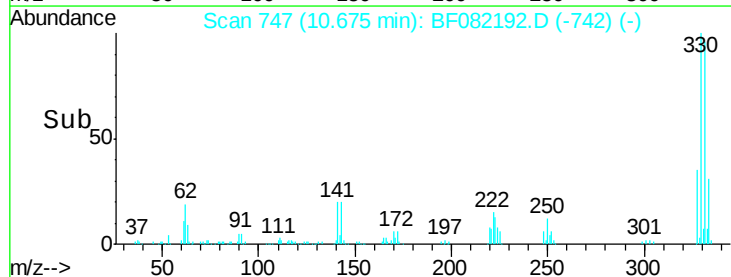
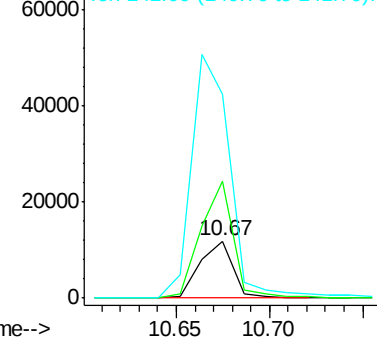
141 356.5 63.3 94.9#

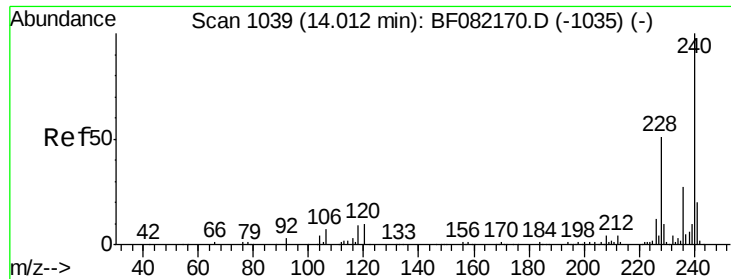


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

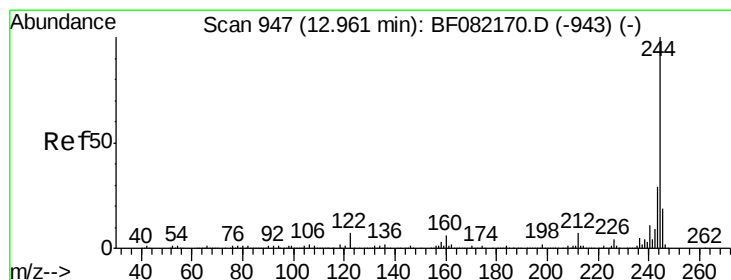
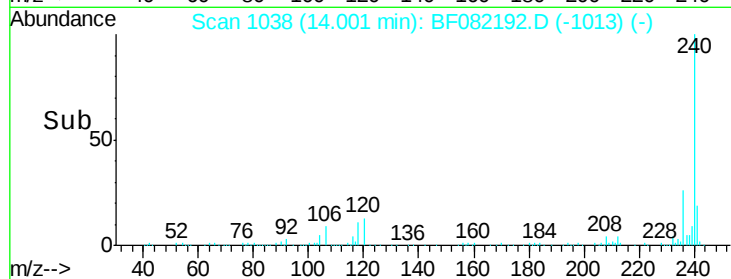
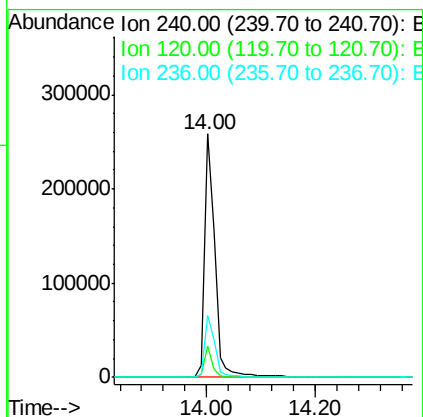
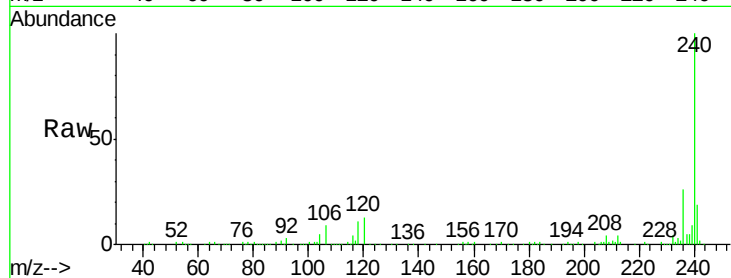




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

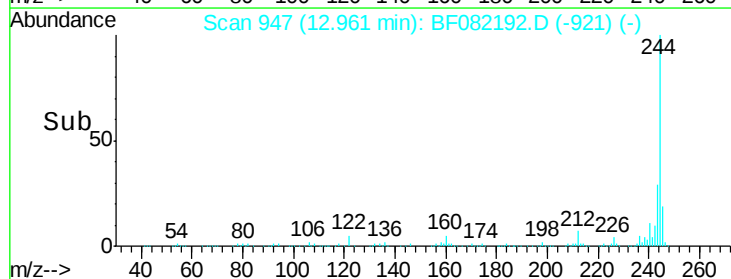
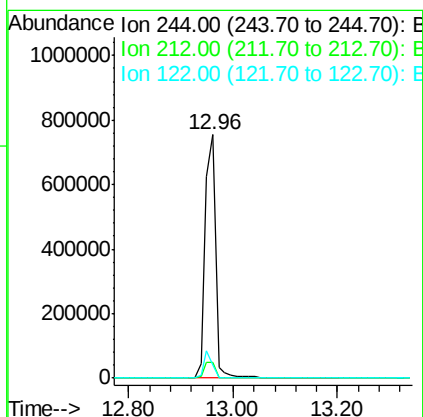
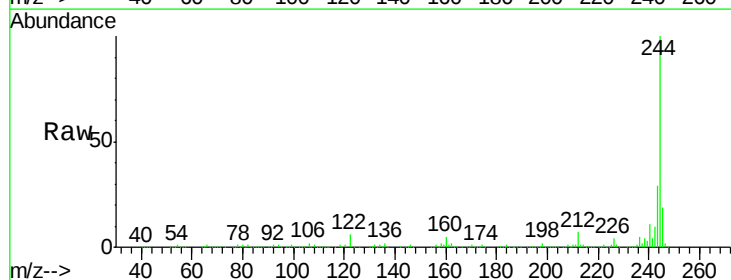
Instrument :
BNA_F
ClientSampleId :

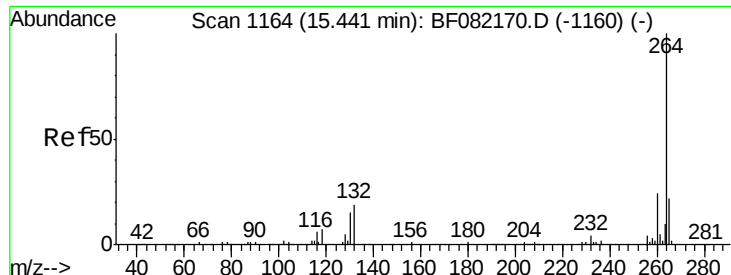
Tot Ion:240 Resp: 337167
Ion Ratio Lower Upper
240 100
120 12.5 8.1 12.1#
236 25.7 21.3 31.9



#78
Terphenyl-d14
Concen: 82.02 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

Tgt Ion:244 Resp: 1043590
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 5.6 5.9 8.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082192.D
Acq: 10 Oct 2015 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.2	17.3	25.9

