

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082223.D
 Acq On : 12 Oct 2015 16:39
 Operator : UM/IZ
 Sample : G3990-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)

Quant Time: Oct 13 02:07:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

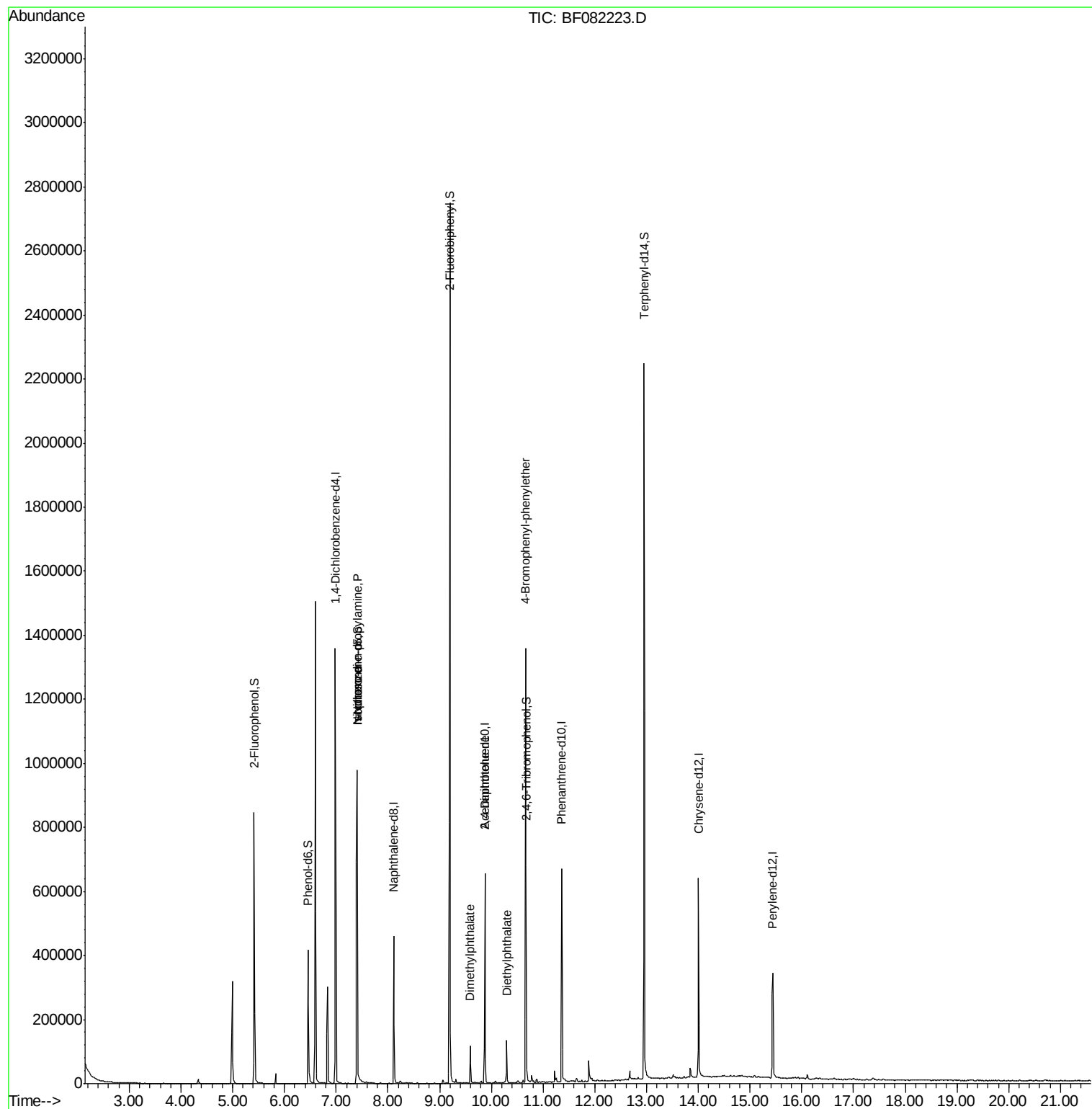
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	267092	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	246250	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	129799	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	260248	20.00	ng	0.00
75) Chrysene-d12	14.00	240	248934	20.00	ng	-0.01
86) Perylene-d12	15.44	264	194796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	242218	18.30	ng	0.00
7) Phenol-d6	6.46	99	192469	11.18	ng	-0.01
23) Nitrobenzene-d5	7.41	82	455323	124.17	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	209854	172.40	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	900254	115.02	ng	0.00
78) Terphenyl-d14	12.95	244	928254	98.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	58350	4.82	ng	# 76
25) Isophorone	7.41	82	445400	60.18	ng	# 66
49) Dimethylphthalate	9.59	163	61209	6.70	ng	100
56) 2,4-Dinitrotoluene	9.87	165	16381	6.80	ng	# 21
59) Diethylphthalate	10.30	149	48719	5.72	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	13221	5.08	ng	# 1

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

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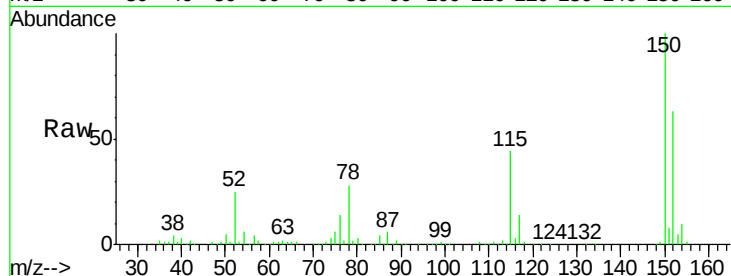


#1

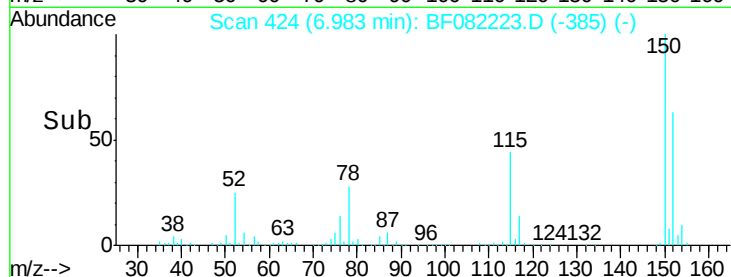
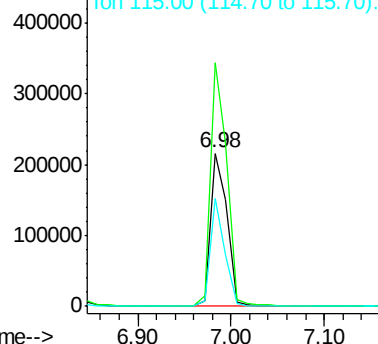
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)

Tot Ion:152 Resp: 267092
Ion Ratio Lower Upper
152 100
150 159.4 129.0 193.4
115 70.4 52.1 78.1



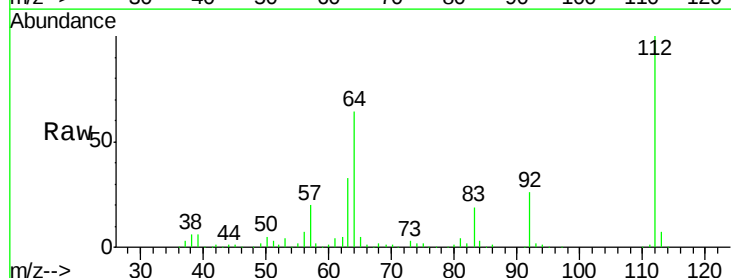
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



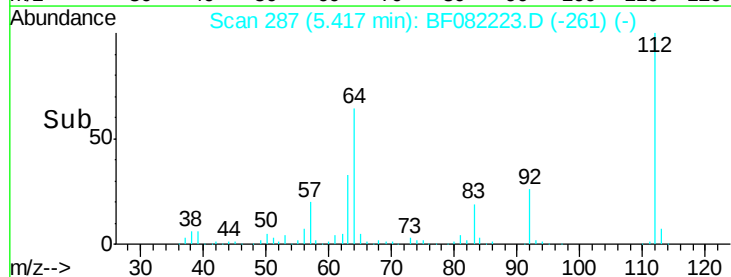
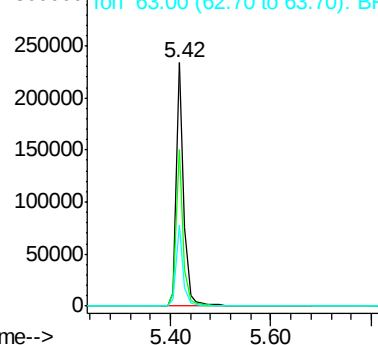
#5

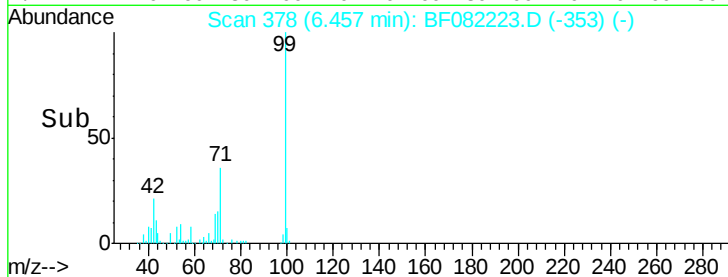
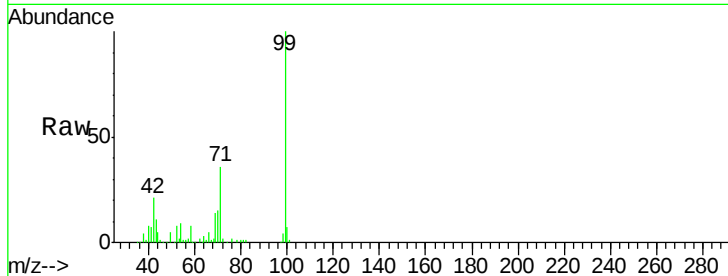
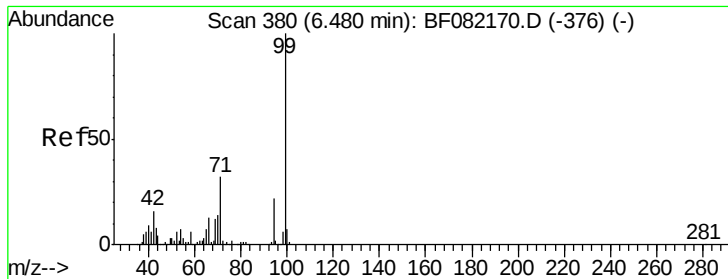
2-Fluorophenol
Concen: 18.30 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

Tgt Ion:112 Resp: 242218
Ion Ratio Lower Upper
112 100
64 64.3 48.6 73.0
63 33.3 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: 11.18 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)

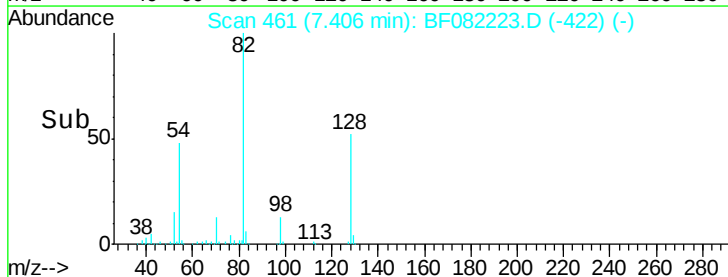
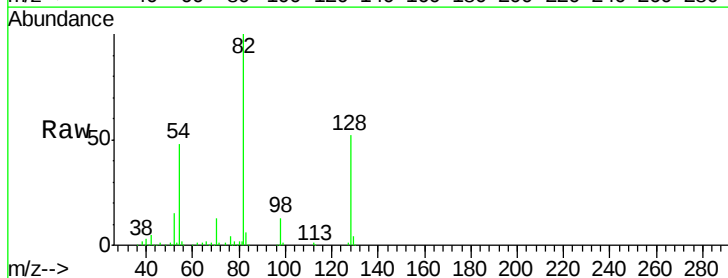
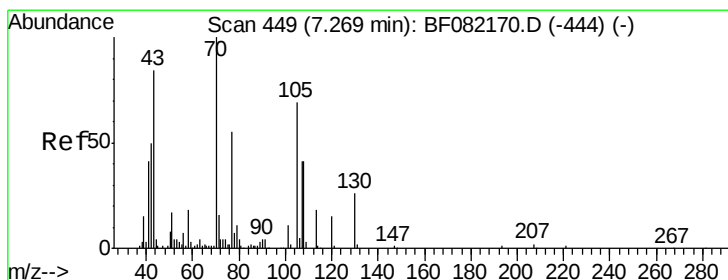
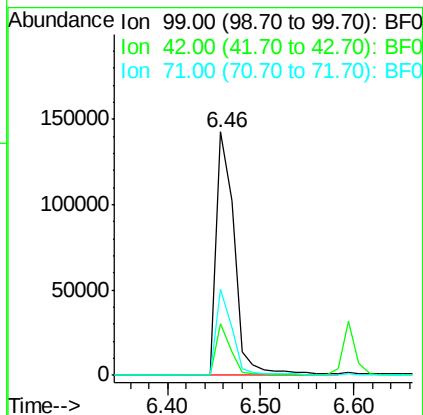
Tot Ion: 99 Resp: 192469

Ion Ratio Lower Upper

99 100

42 21.0 13.2 19.8#

71 35.6 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.82 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

Tgt Ion: 70 Resp: 58350

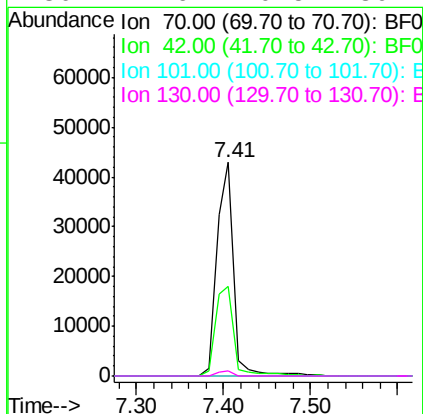
Ion Ratio Lower Upper

70 100

42 41.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.6 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)

Tot Ion:136 Resp: 246250

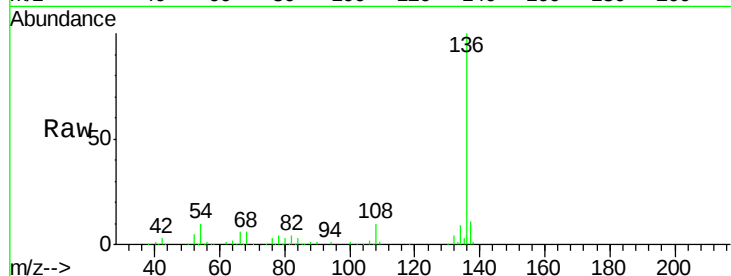
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 10.0 7.5 11.3

68 6.1 4.6 7.0

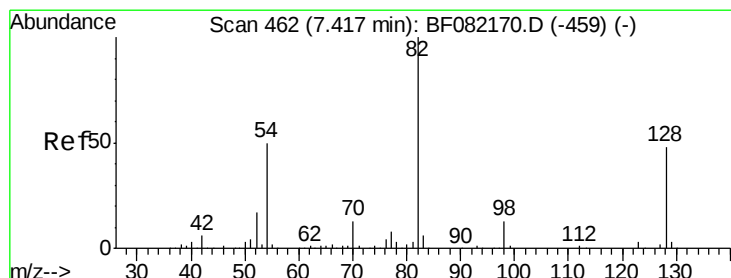
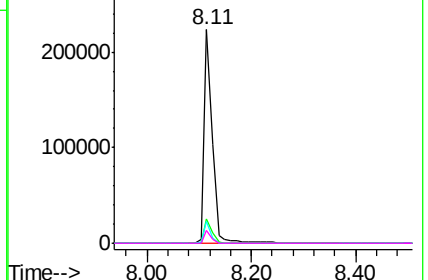
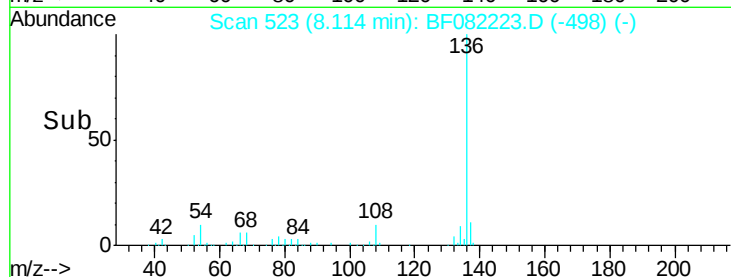


Abundance Ion 136.00 (135.70 to 136.70): E

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: 124.17 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

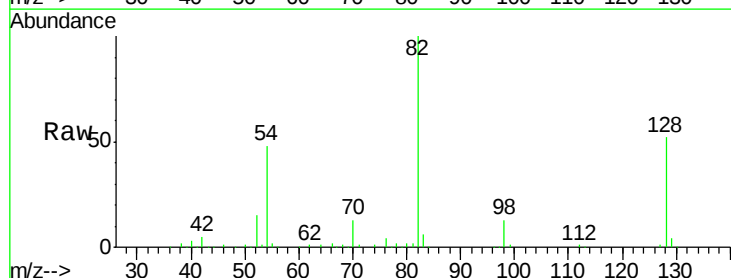
Tgt Ion: 82 Resp: 455323

Ion Ratio Lower Upper

82 100

128 51.7 38.7 58.1

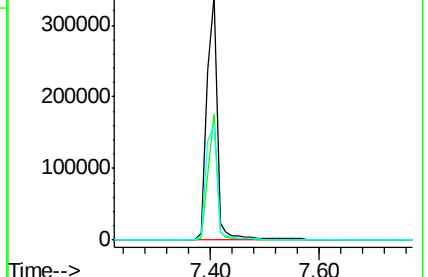
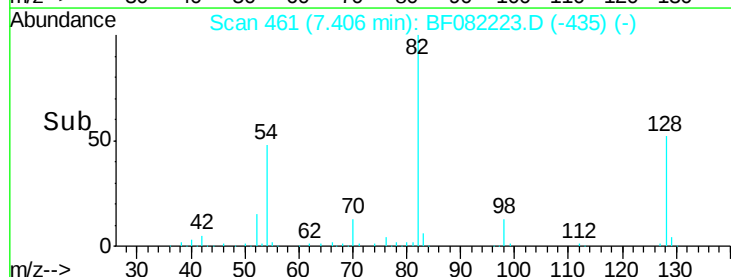
54 47.7 40.1 60.1

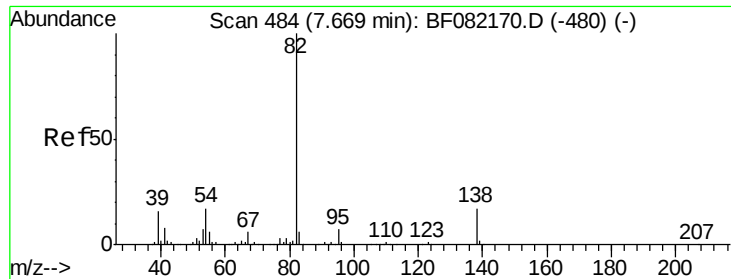


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 60.18 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)

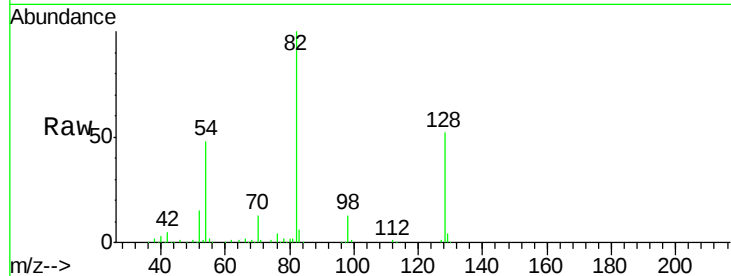
Tot Ion: 82 Resp: 445400

Ion Ratio Lower Upper

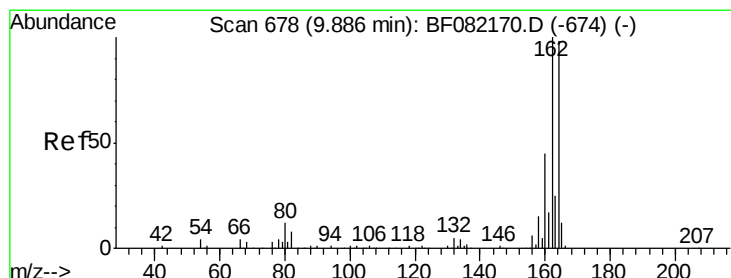
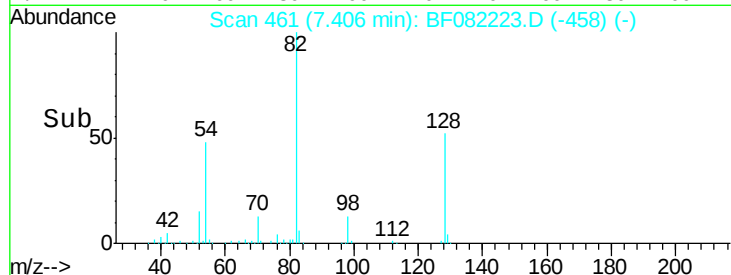
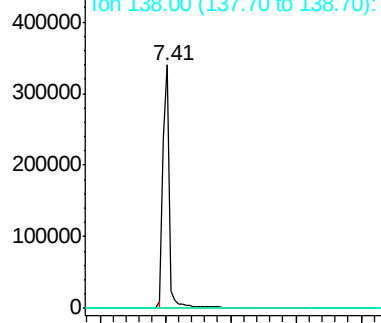
82 100

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. -0.00 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

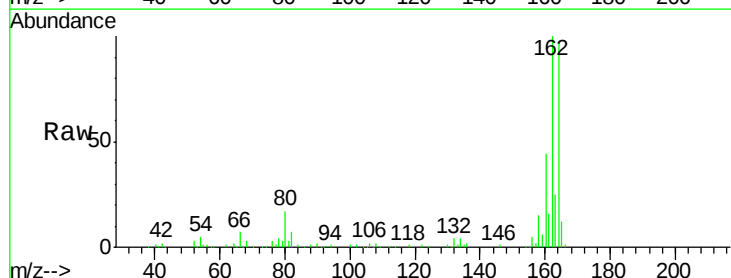
Tgt Ion: 164 Resp: 129799

Ion Ratio Lower Upper

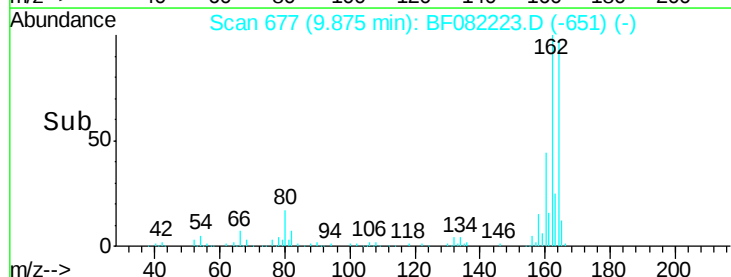
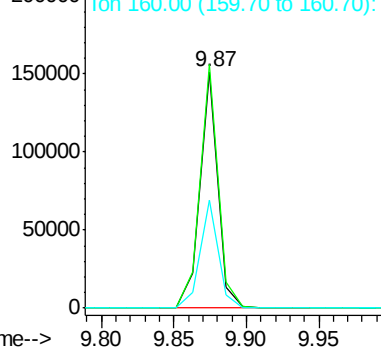
164 100

162 103.0 81.6 122.4

160 45.5 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

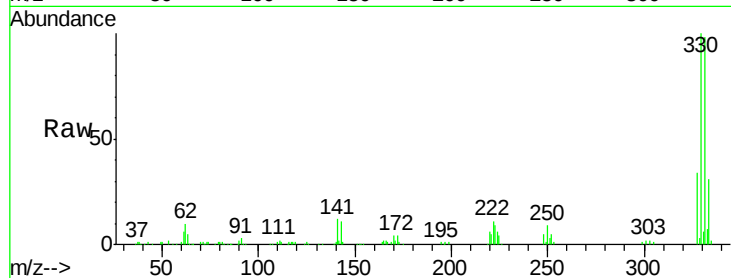




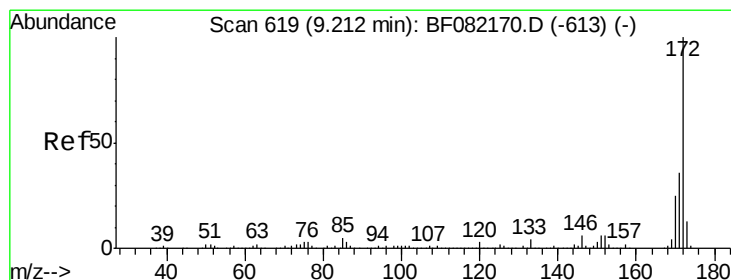
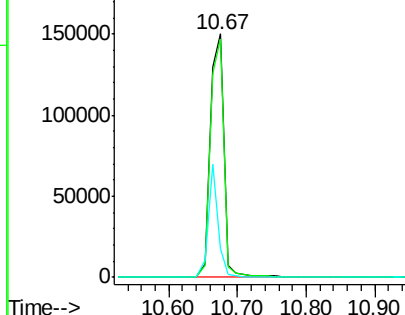
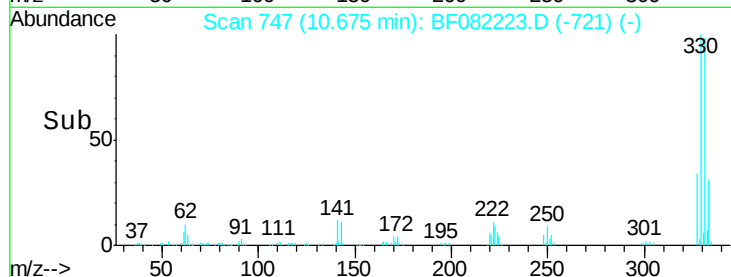
#41
 2,4,6-Tribromophenol
 Concen: 172.40 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082223.D
 Acq: 12 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	33.2	29.8	44.8

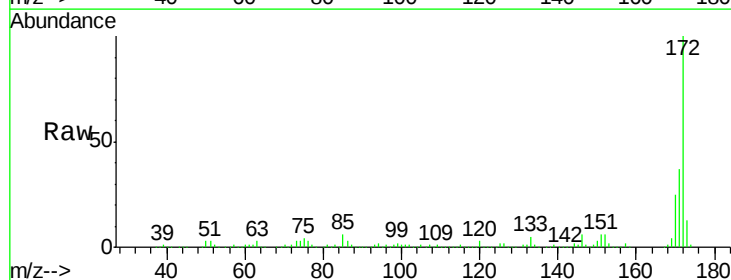


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

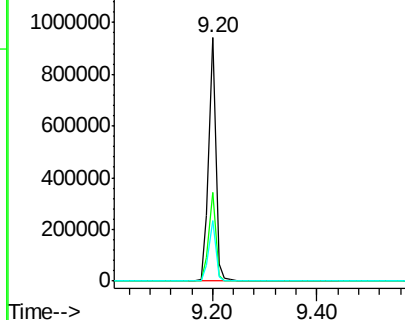
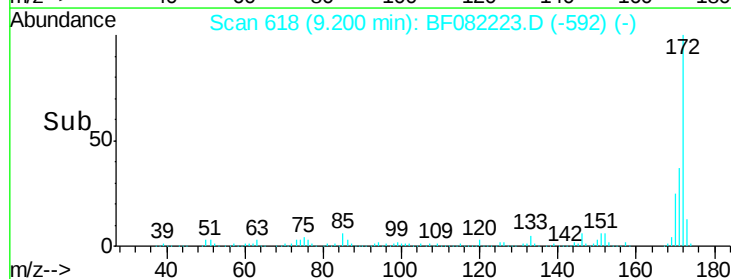


#44
 2-Fluorobiphenyl
 Concen: 115.02 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082223.D
 Acq: 12 Oct 2015 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	25.1	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

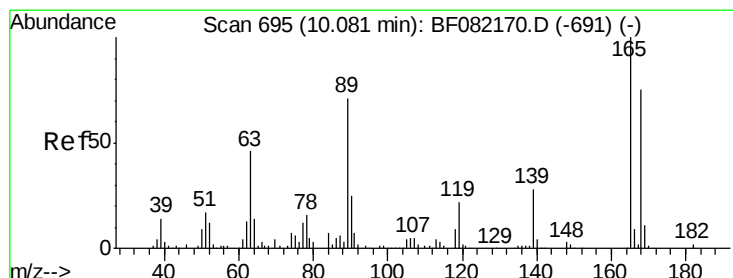
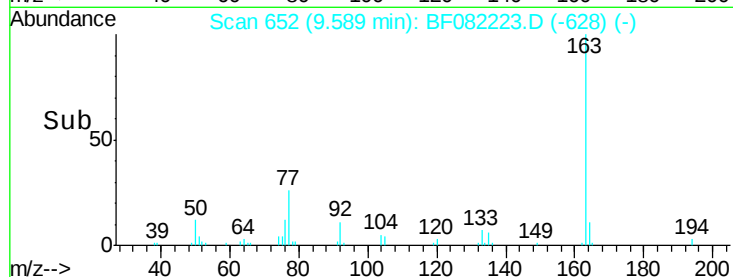
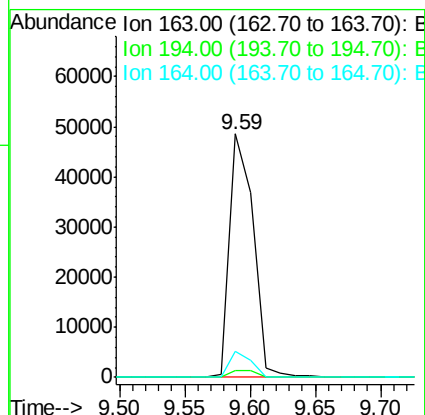
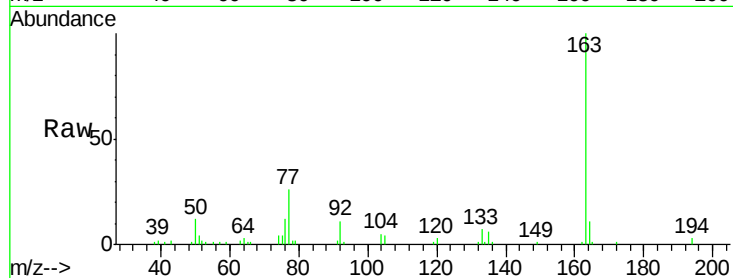




#49
Dimethylphthalate
Concen: 6.70 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

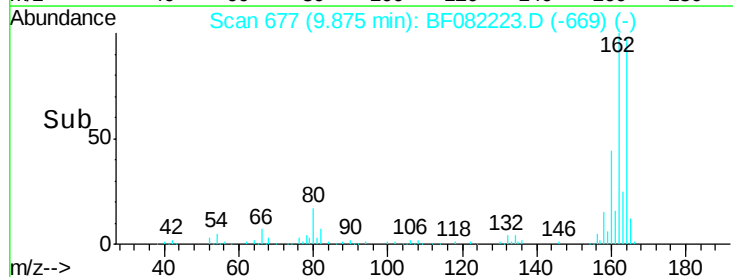
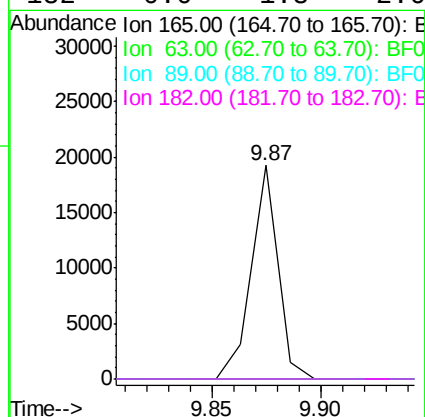
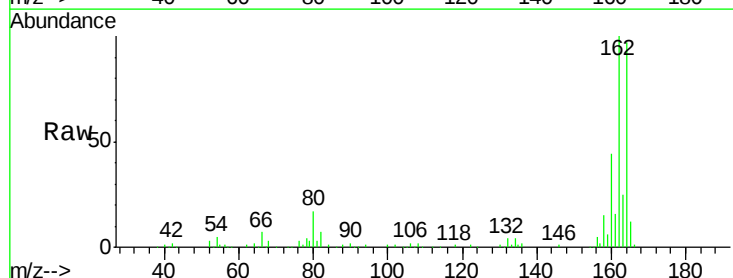
Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)

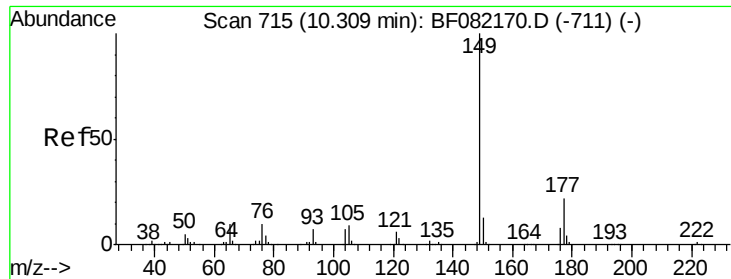
Tot Ion:163 Resp: 61209
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.6 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

Tgt Ion:165 Resp: 16381
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#

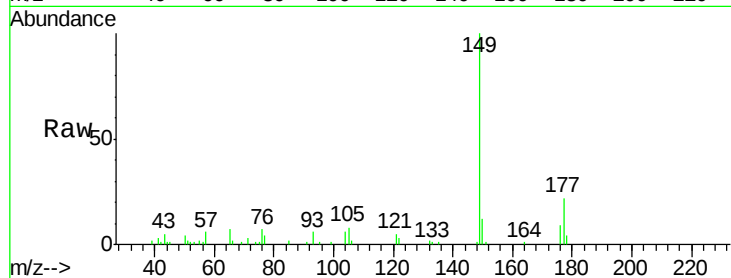




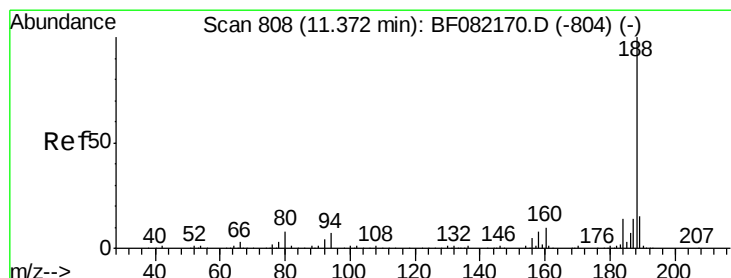
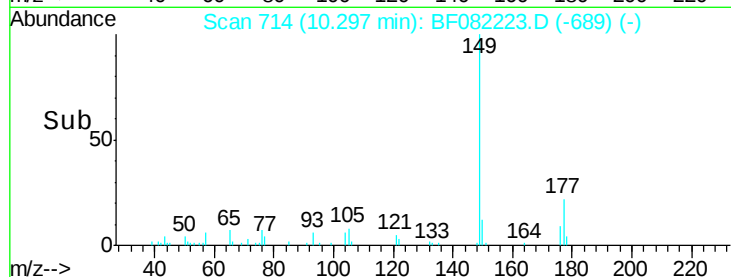
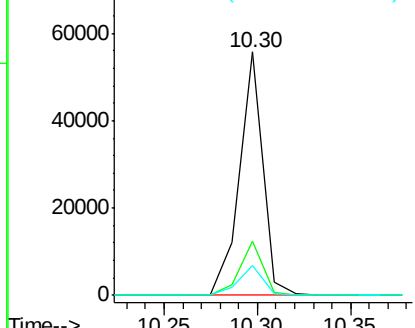
#59
Diethylphthalate
Concen: 5.72 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

Instrument :
BNA_F
ClientSampleId :
TE-PMW(43)

Tot Ion:149 Resp: 48719
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.1 10.3 15.5

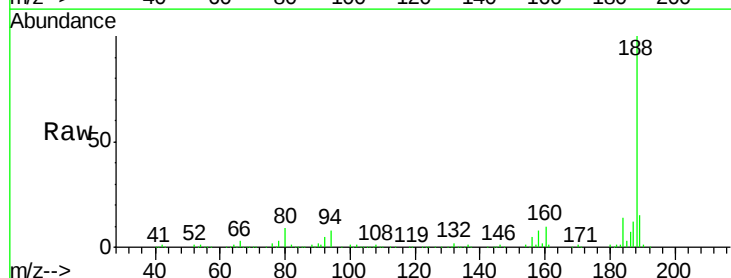


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

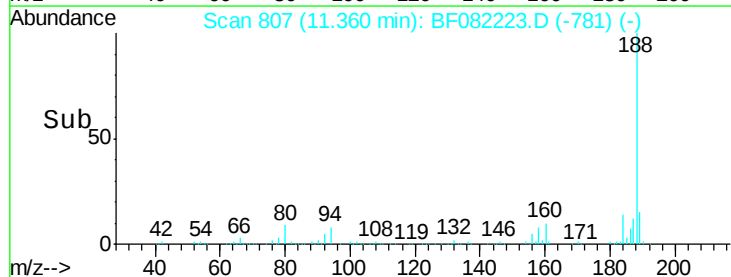
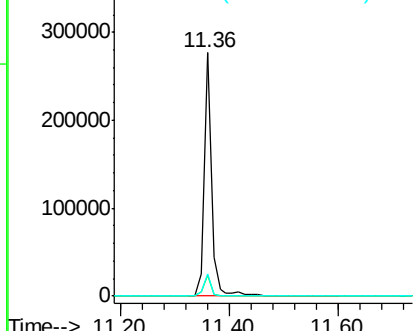


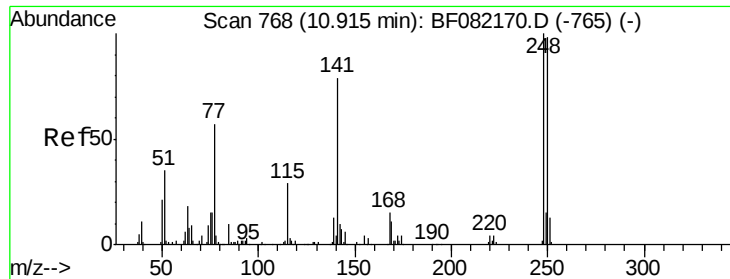
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF082223.D
Acq: 12 Oct 2015 16:39

Tgt Ion:188 Resp: 260248
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.2 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: 5.08 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082223.D

Acq: 12 Oct 2015 16:39

Instrument :

BNA_F

ClientSampleId :

TE-PMW(43)

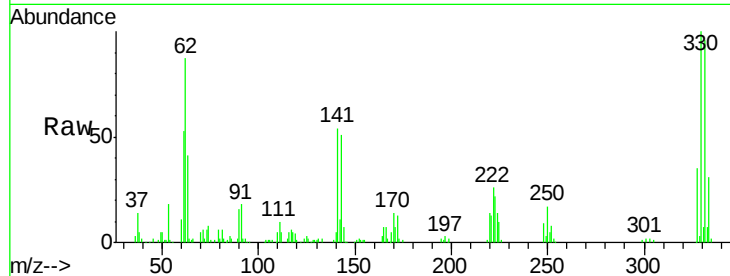
Tot Ion:248 Resp: 13221

Ion Ratio Lower Upper

248 100

250 201.4 78.6 117.8#

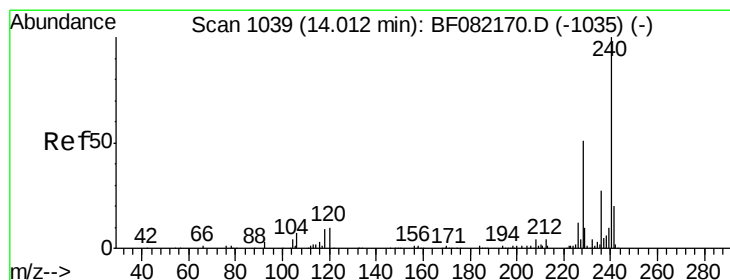
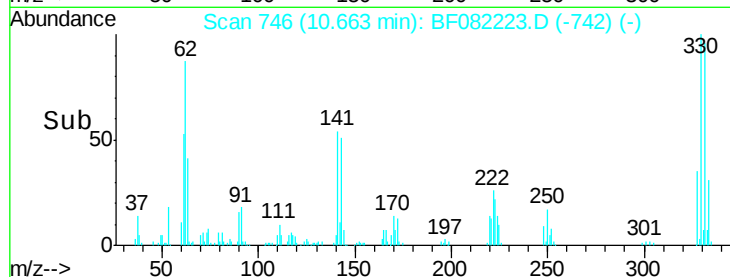
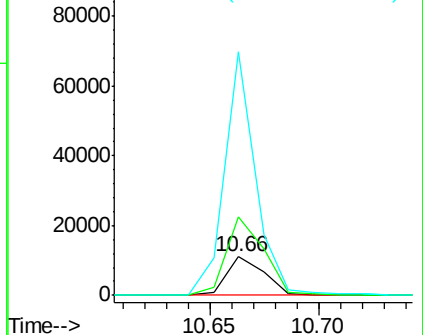
141 628.5 63.3 94.9#



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: BF082223.D

Acq: 12 Oct 2015 16:39

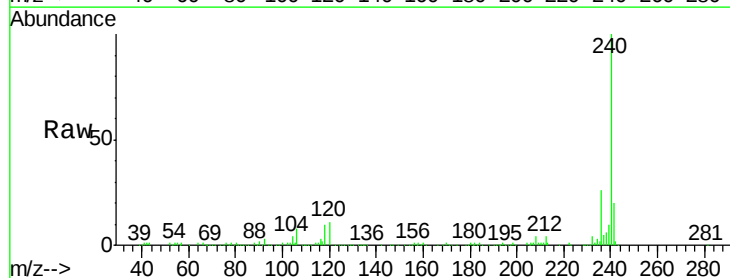
Tgt Ion:240 Resp: 248934

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

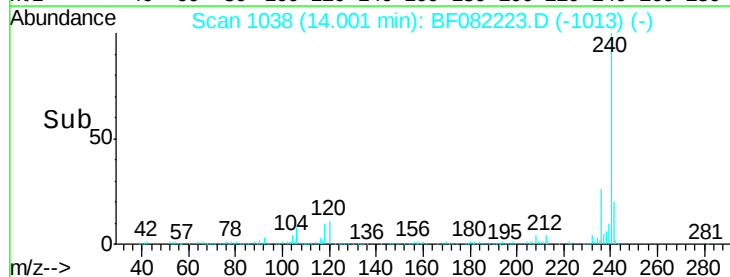
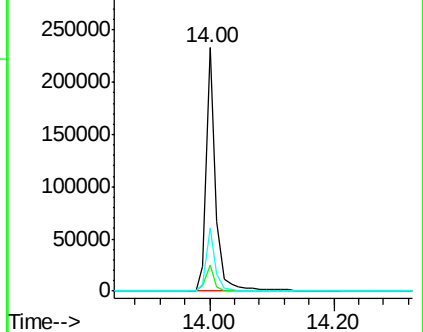
236 25.8 21.3 31.9

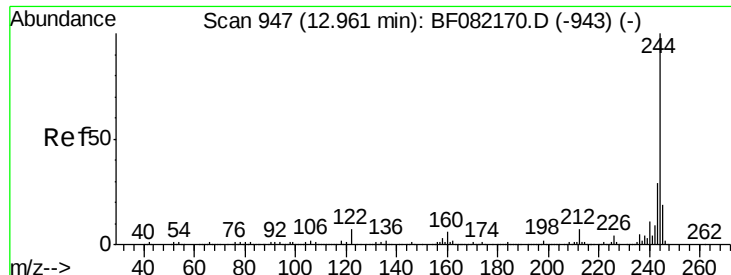


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

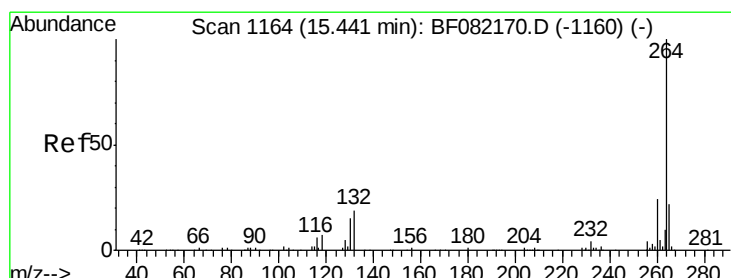
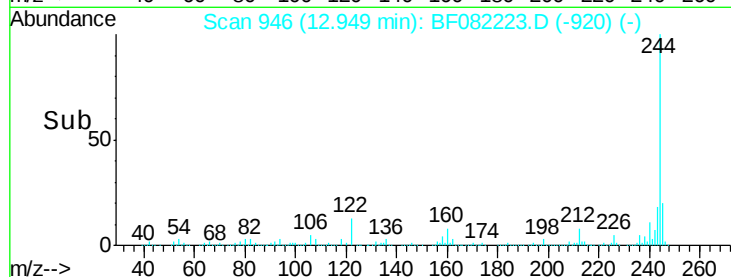
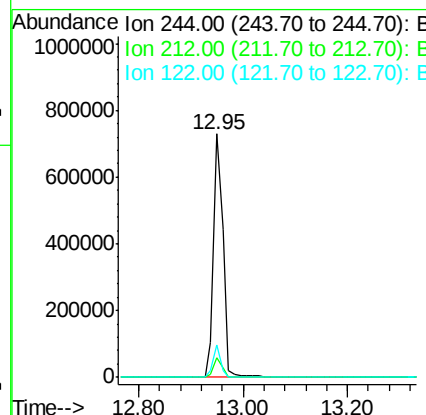
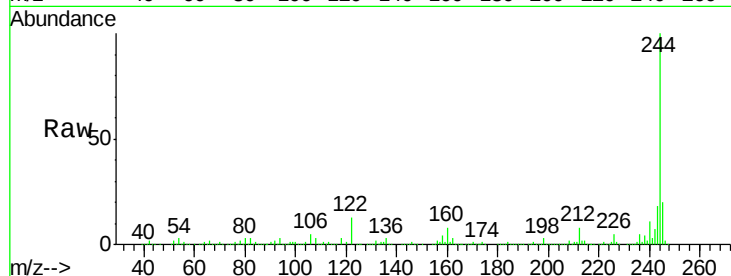




#78
 Terphenyl-d14
 Concen: 98.81 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082223.D
 Acq: 12 Oct 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(43)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	13.1	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082223.D
 Acq: 12 Oct 2015 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.1	17.3	25.9

