

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082439.D
 Acq On : 22 Oct 2015 8:57
 Operator : UM/IZ
 Sample : G4117-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

Quant Time: Oct 22 13:43:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

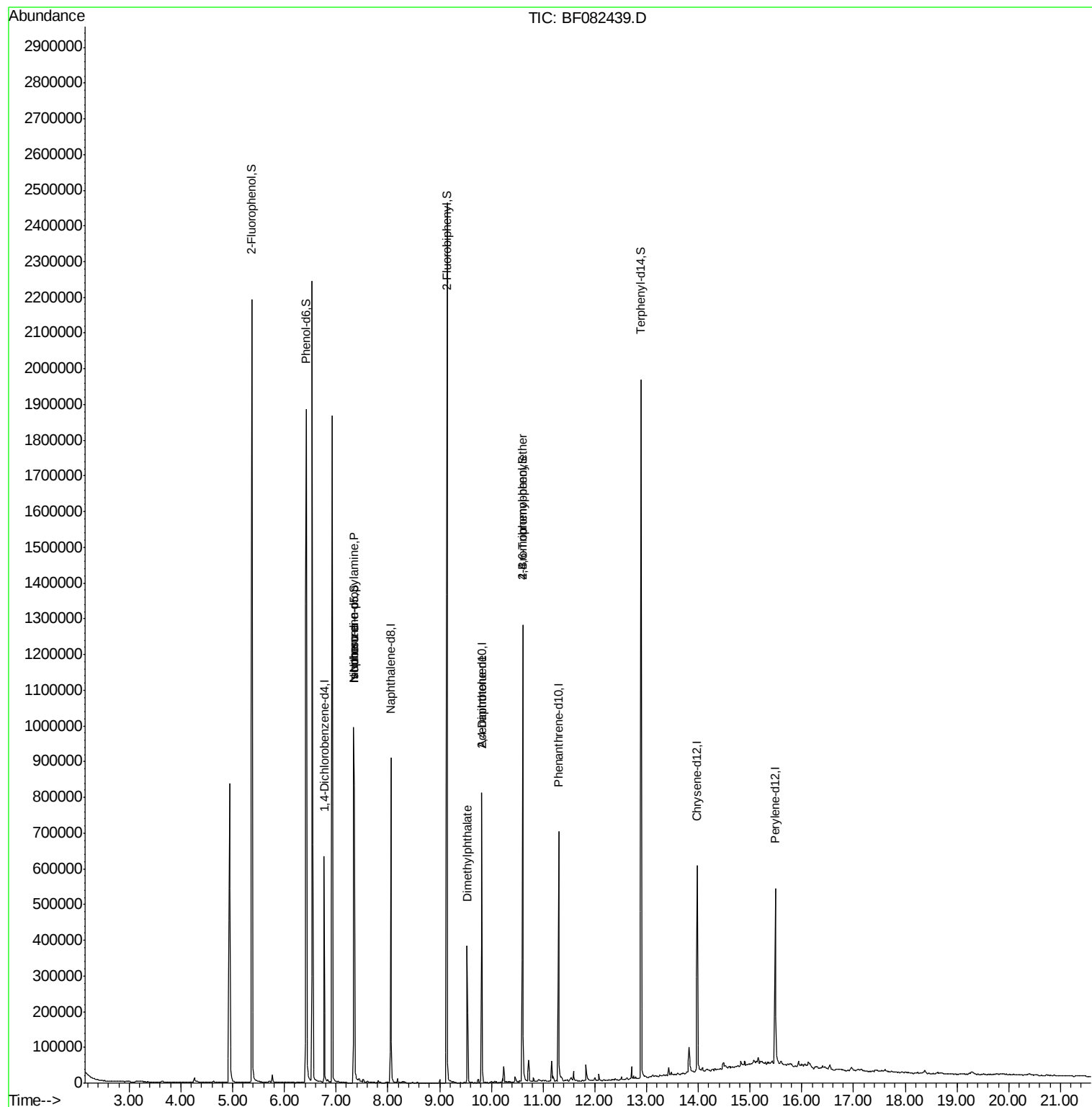
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106787	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	404971	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	189373	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	307546	20.00	ng	0.00
75) Chrysene-d12	13.98	240	252886	20.00	ng	-0.03
86) Perylene-d12	15.49	264	229251	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	682478	128.99	ng	0.01
7) Phenol-d6	6.42	99	904332	131.34	ng	0.00
23) Nitrobenzene-d5	7.34	82	504588	83.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	137147	77.22	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	984239	86.19	ng	0.00
78) Terphenyl-d14	12.89	244	628524	65.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	64766	13.39	ng	# 81
25) Isophorone	7.34	82	465249	38.23	ng	# 66
49) Dimethylphthalate	9.53	163	198260	14.87	ng	99
56) 2,4-Dinitrotoluene	9.82	165	23650	6.72	ng	# 22
66) 4-Bromophenyl-phenylether	10.61	248	10888	3.54	ng	# 1

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

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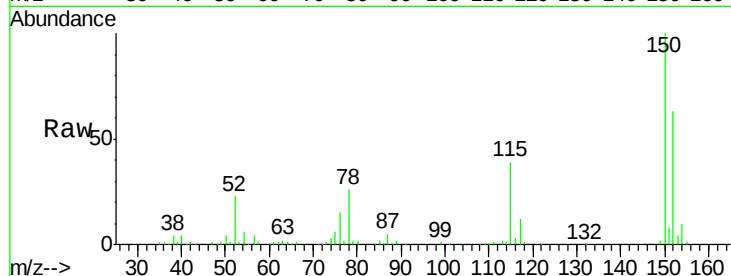


#1

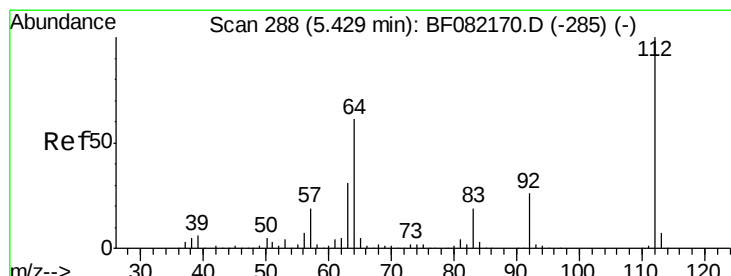
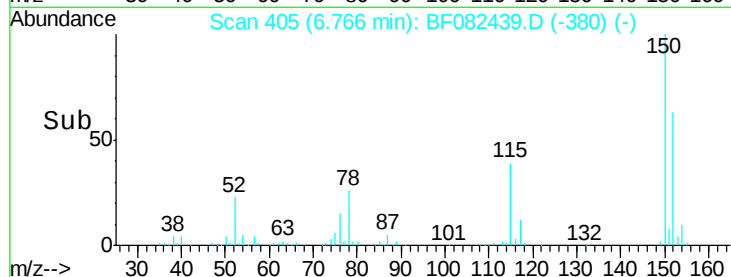
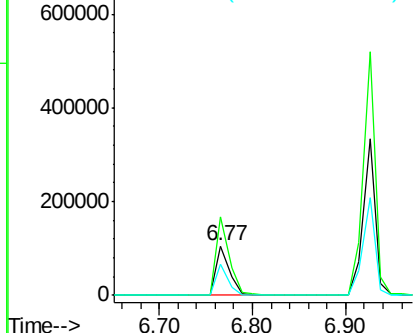
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082439.D
Acq: 22 Oct 2015 8:57

Instrument :
BNA_F
ClientSampleId :
AB-AC-06(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	129.0	193.4
115	62.1	52.1	78.1



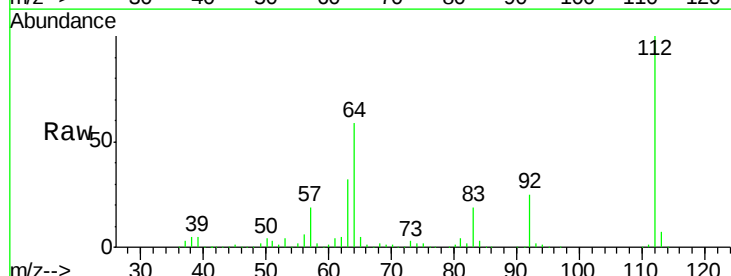
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



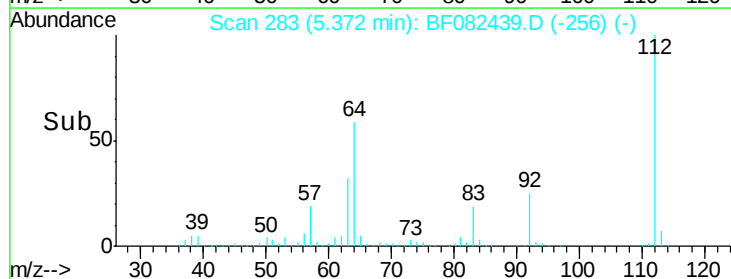
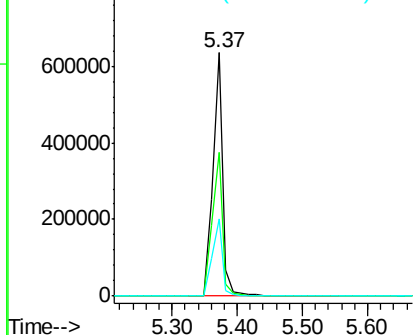
#5

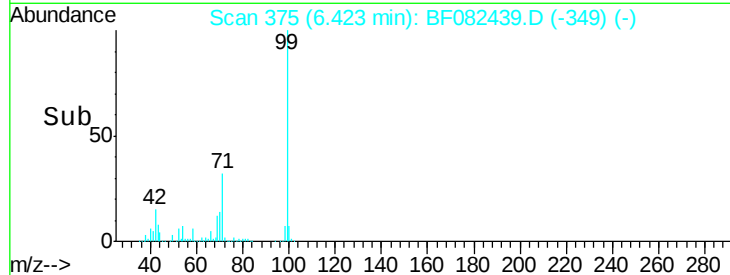
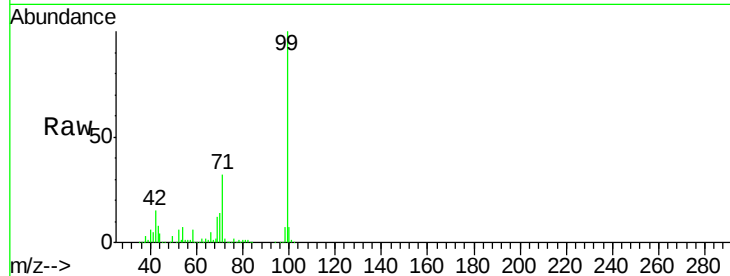
2-Fluorophenol
Concen: 128.99 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082439.D
Acq: 22 Oct 2015 8:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.6	73.0
63	31.9	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: 131.34 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

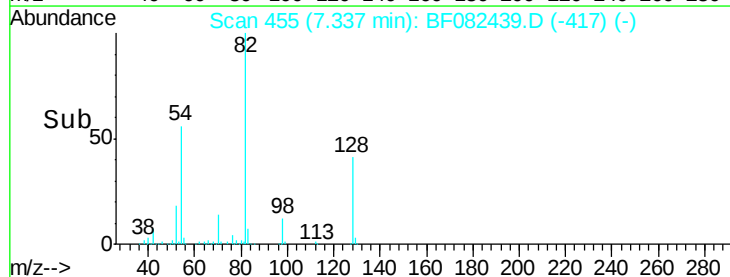
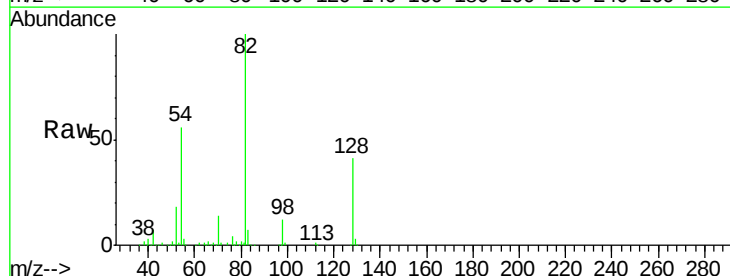
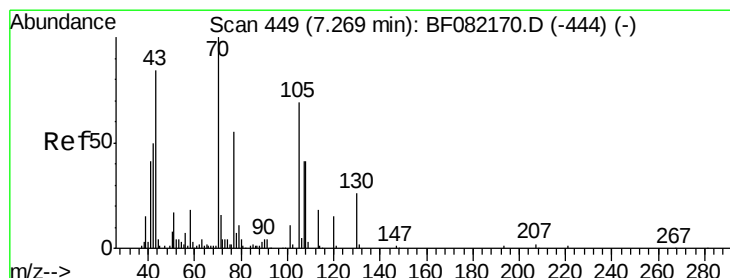
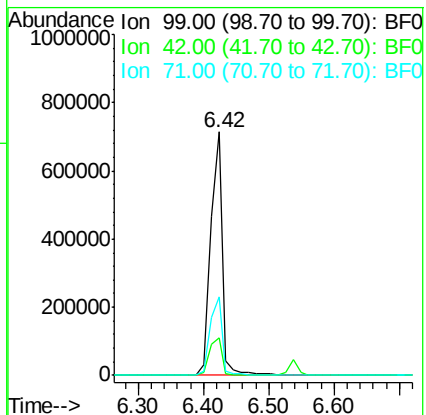
Tot Ion: 99 Resp: 904332

Ion Ratio Lower Upper

99 100

42 15.3 13.2 19.8

71 32.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.39 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Tgt Ion: 70 Resp: 64766

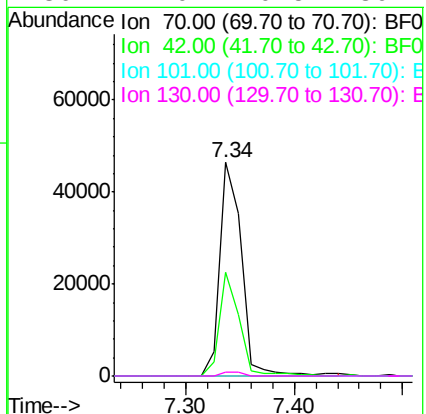
Ion Ratio Lower Upper

70 100

42 48.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

Tot Ion:136 Resp: 404971

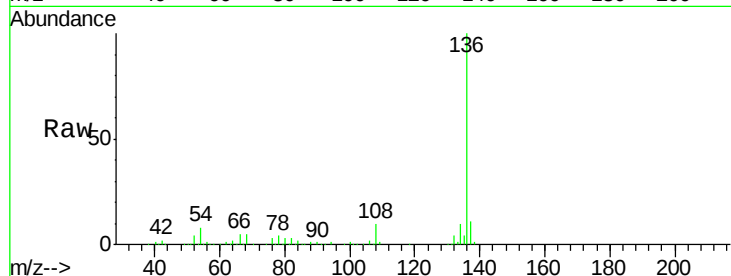
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.3 7.5 11.3

68 5.3 4.6 7.0

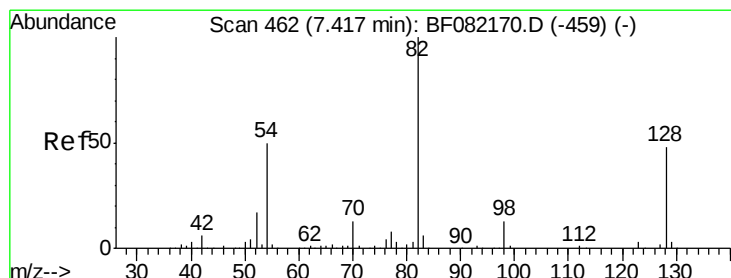
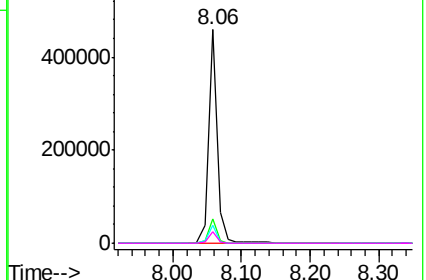
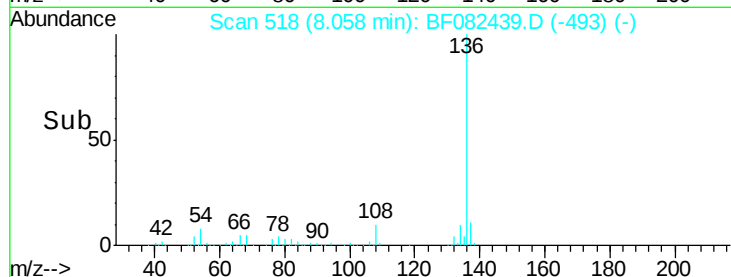


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.67 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

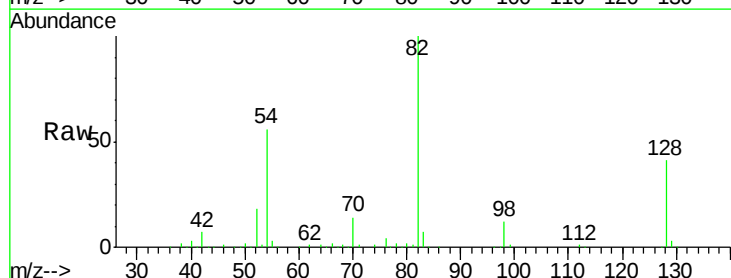
Tgt Ion: 82 Resp: 504588

Ion Ratio Lower Upper

82 100

128 40.6 38.7 58.1

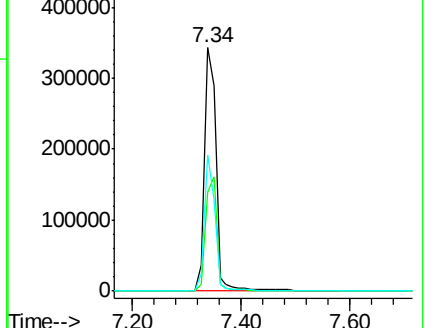
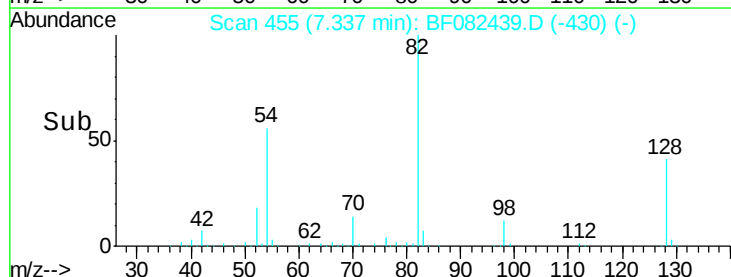
54 55.8 40.1 60.1



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: 38.23 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

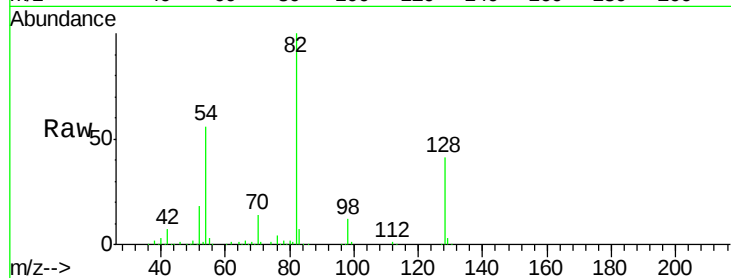
Tot Ion: 82 Resp: 465249

Ion Ratio Lower Upper

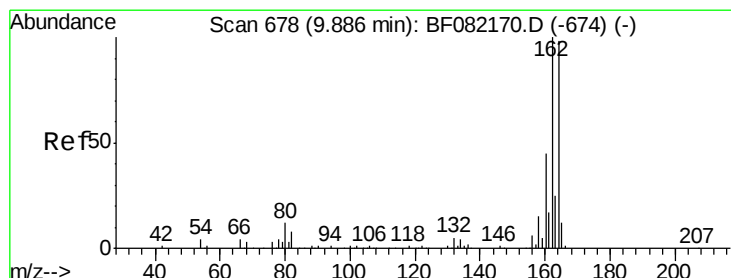
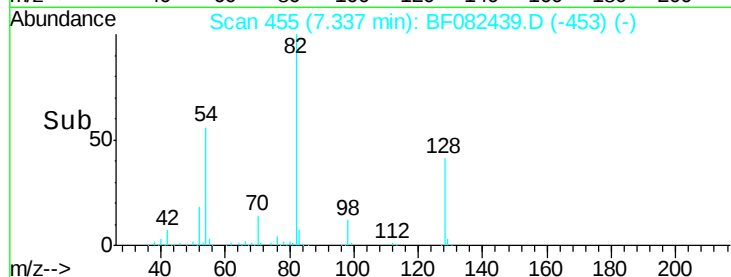
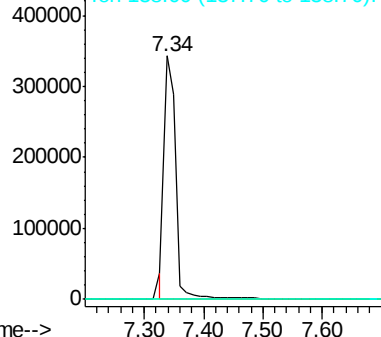
82 100

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: 9.82 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

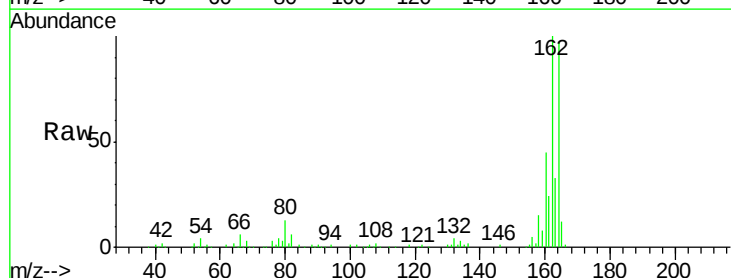
Tgt Ion: 164 Resp: 189373

Ion Ratio Lower Upper

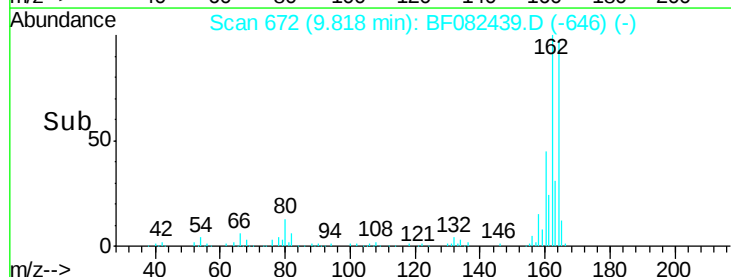
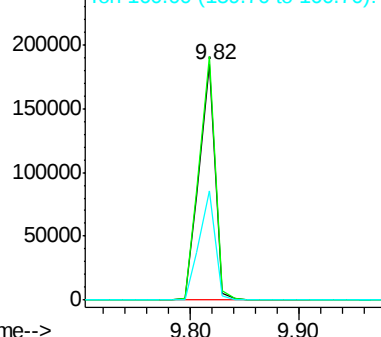
164 100

162 103.2 81.6 122.4

160 46.5 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

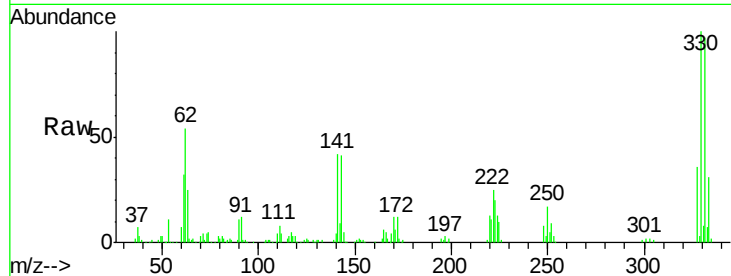




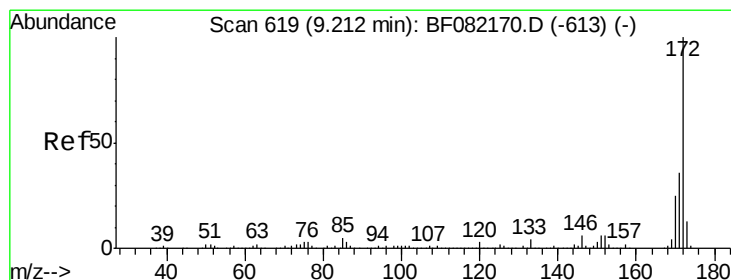
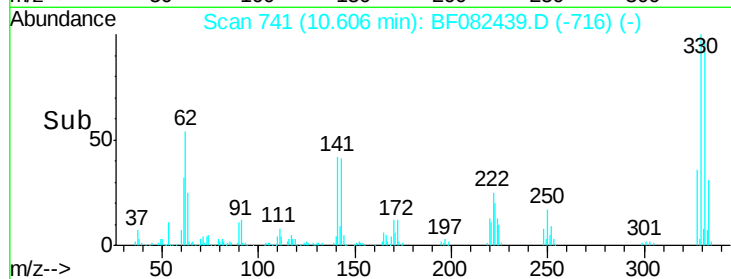
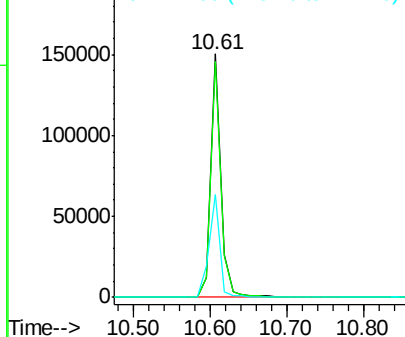
#41
 2,4,6-Tribromophenol
 Concen: 77.22 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082439.D
 Acq: 22 Oct 2015 8:57

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	45.1	29.8	44.8#

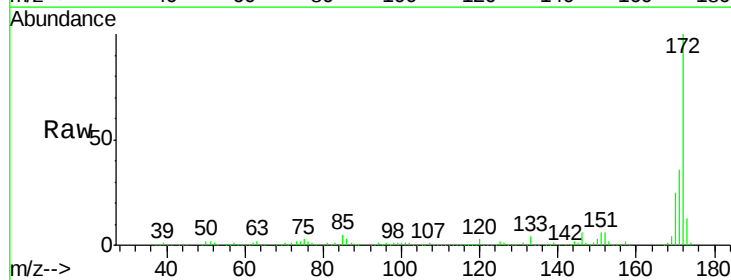


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

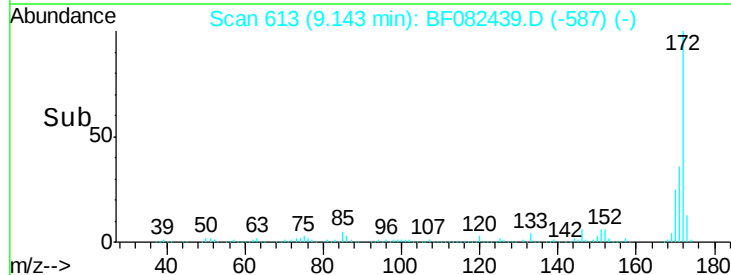
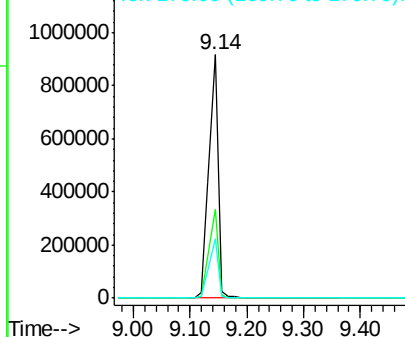


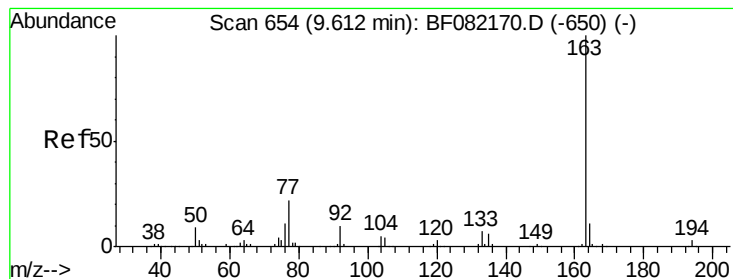
#44
 2-Fluorobiphenyl
 Concen: 86.19 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082439.D
 Acq: 22 Oct 2015 8:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.5	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: 14.87 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

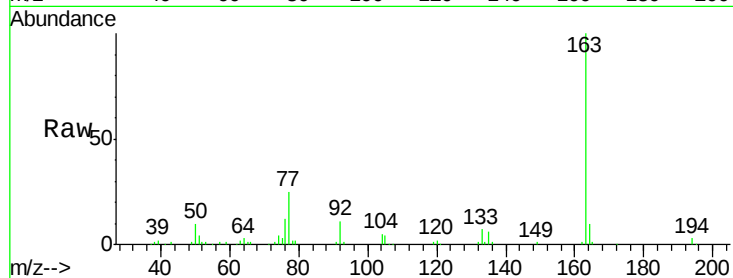
Tot Ion:163 Resp: 198260

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

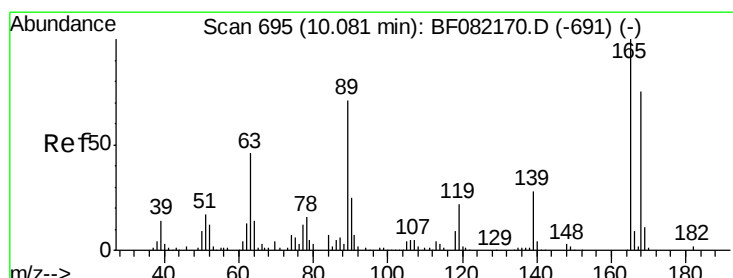
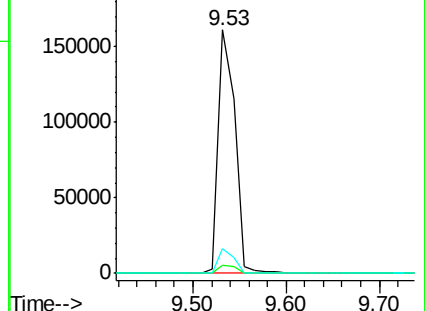
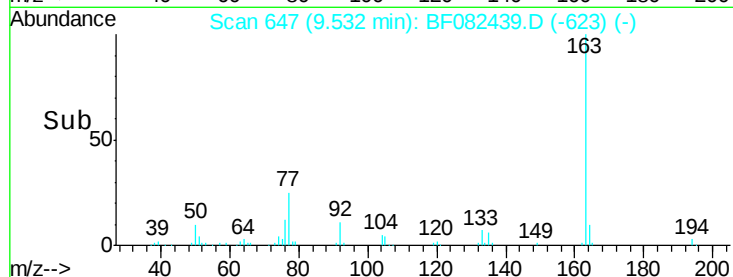
164 10.3 8.5 12.7



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



#56

2,4-Dinitrotoluene

Concen: 6.72 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Tgt Ion:165 Resp: 23650

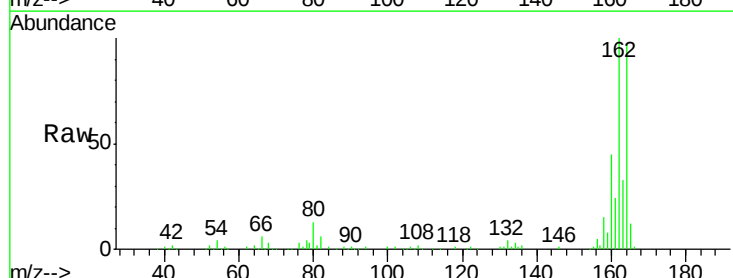
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.6 57.0 85.6#

182 0.0 1.8 2.6#

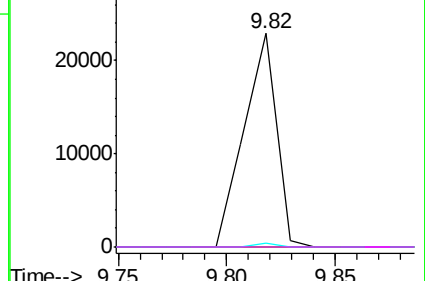
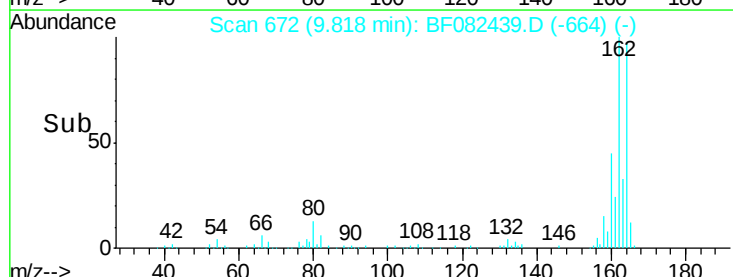


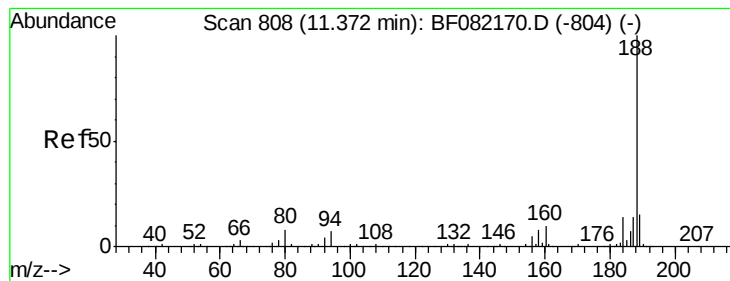
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

Instrument :

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AB-AC-06(0-2)

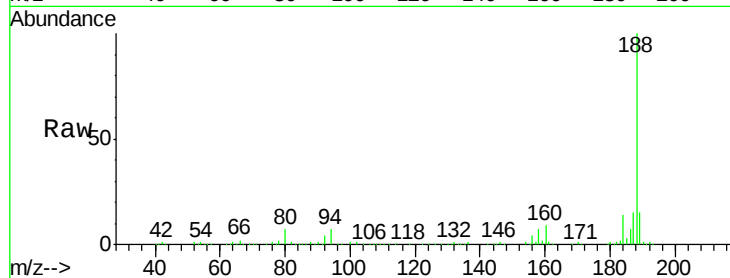
Tot Ion:188 Resp: 307546

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

80 7.1 6.4 9.6

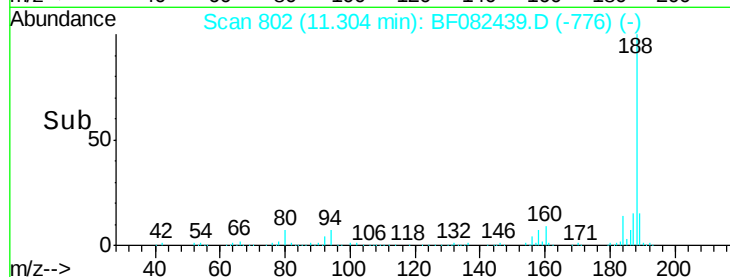


Abundance Ion 188.00 (187.70 to 188.70): E

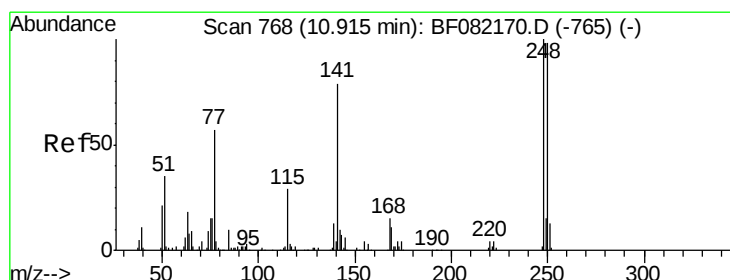
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.54 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082439.D

Acq: 22 Oct 2015 8:57

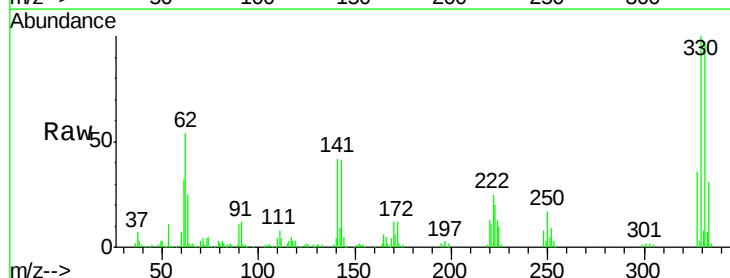
Tgt Ion:248 Resp: 10888

Ion Ratio Lower Upper

248 100

250 197.3 78.6 117.8#

141 500.6 63.3 94.9#

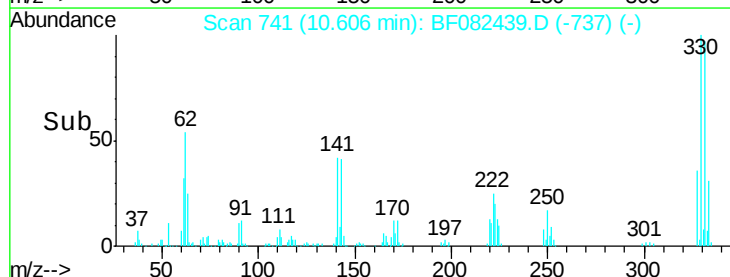


Abundance Ion 248.00 (247.70 to 248.70): E

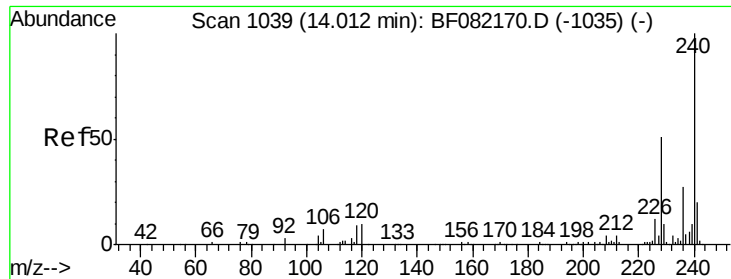
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



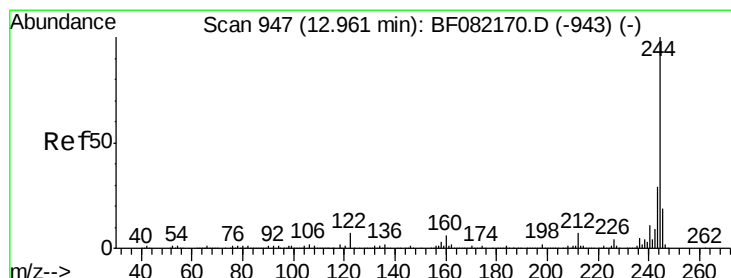
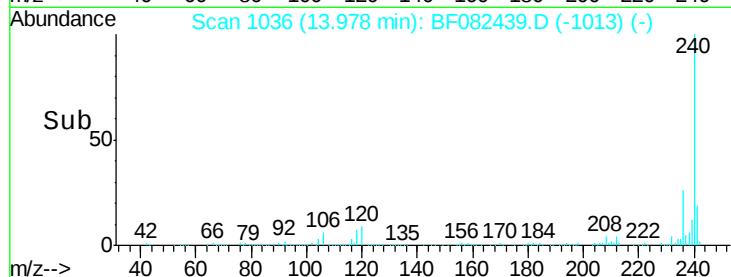
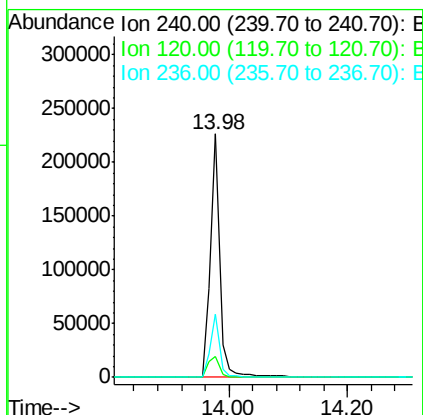
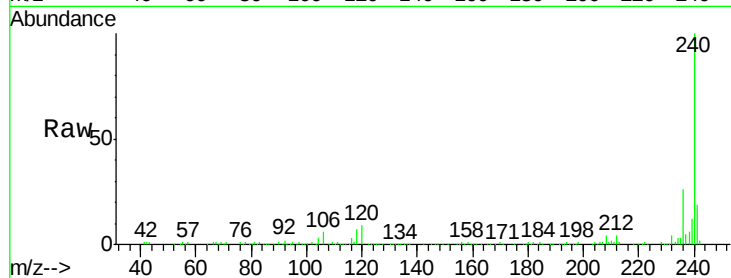
Time-->



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF082439.D
 Acq: 22 Oct 2015 8:57

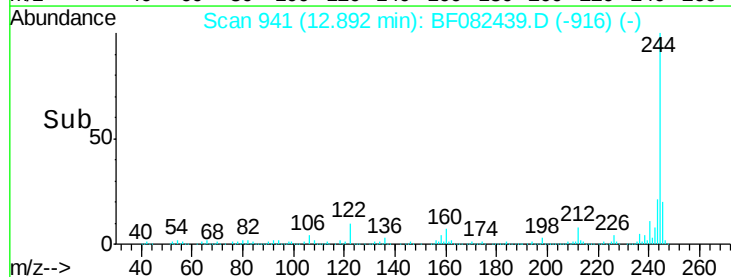
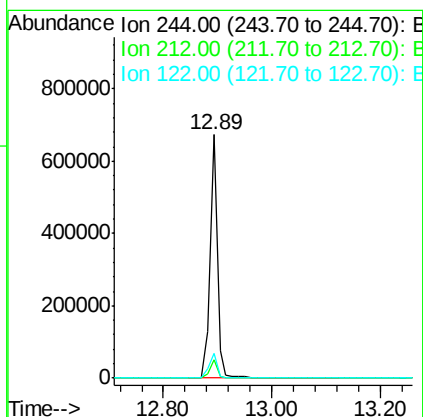
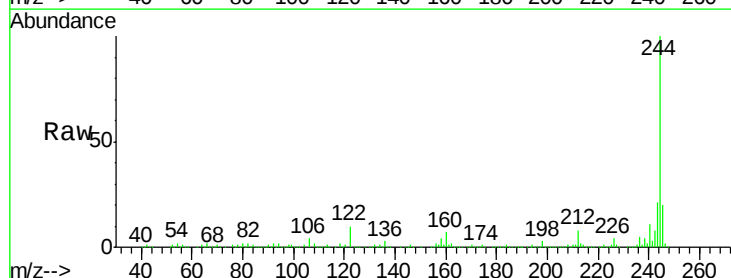
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

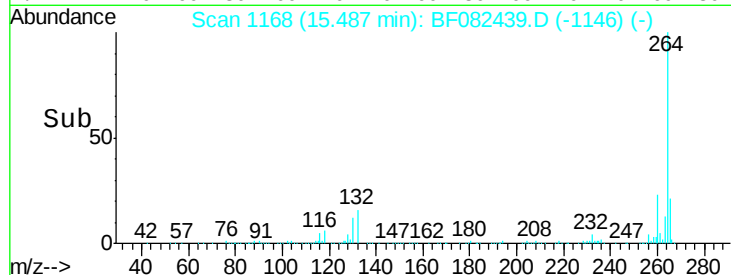
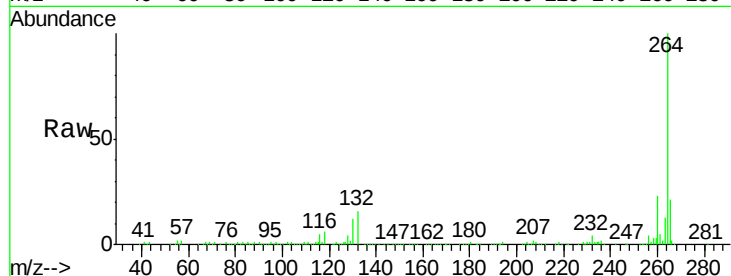
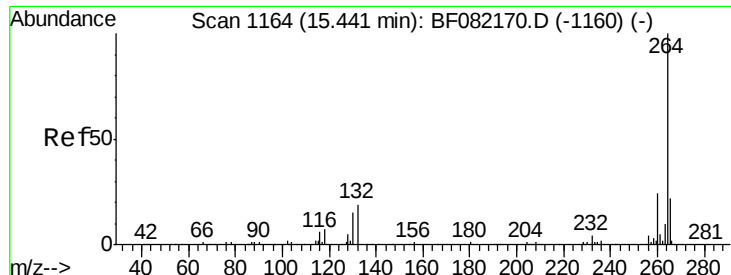
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	26.1	21.3	31.9



#78
 Terphenyl-d14
 Concen: 65.86 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082439.D
 Acq: 22 Oct 2015 8:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	10.3	5.9	8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF082439.D
 Acq: 22 Oct 2015 8:57

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

Tot Ion:	264	Resp:	229251
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.6
265	21.4	17.3	25.9

