

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082418.D
 Acq On : 21 Oct 2015 21:53
 Operator : UM/IZ
 Sample : G4117-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Quant Time: Oct 22 10:46:25 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

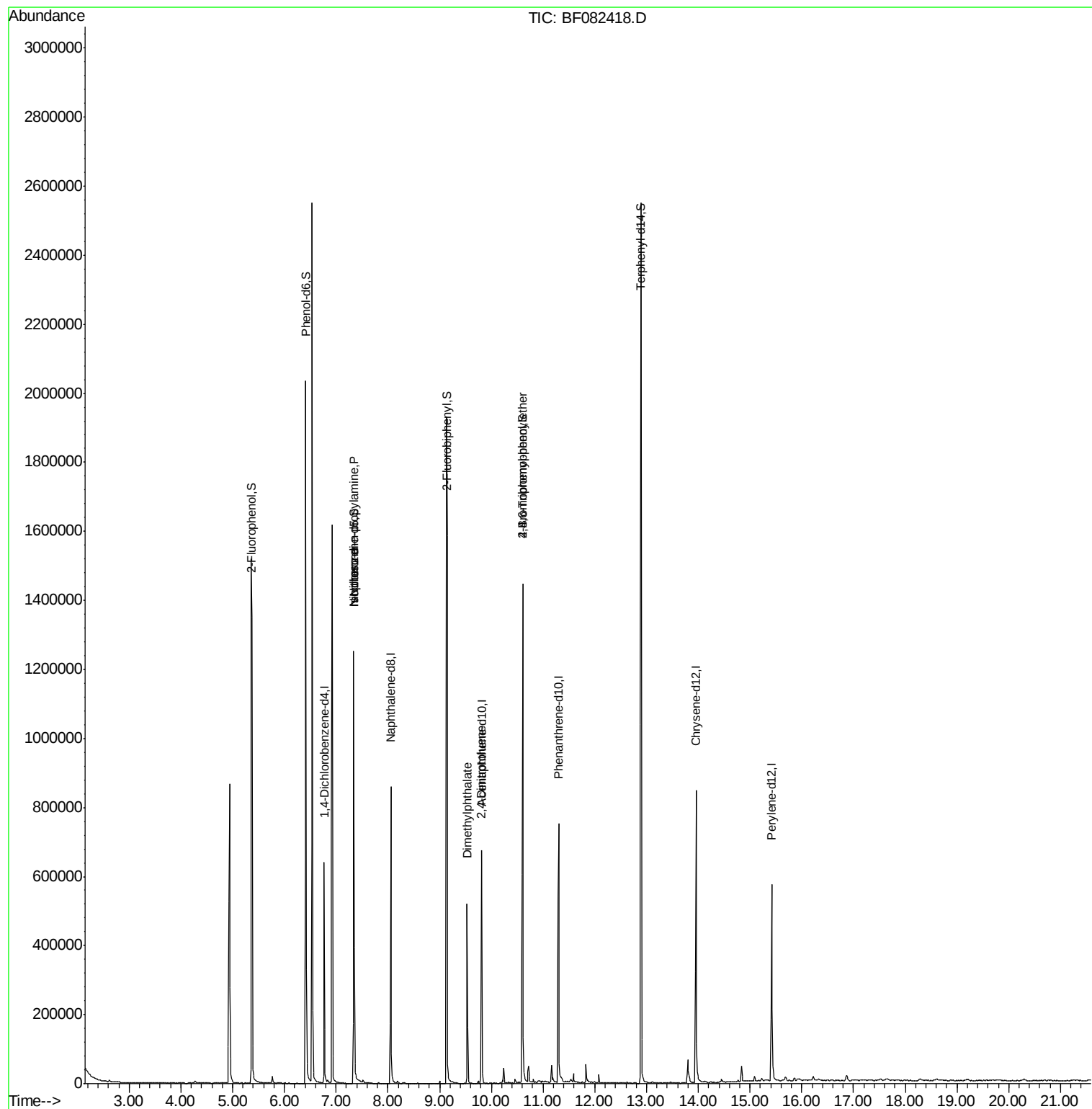
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	108371	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	424596	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	209690	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	414651	20.00	ng	0.00
75) Chrysene-d12	13.96	240	369842	20.00	ng	-0.06
86) Perylene-d12	15.42	264	275723	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	640319	119.25	ng	0.01
7) Phenol-d6	6.41	99	797258	114.09	ng	-0.01
23) Nitrobenzene-d5	7.34	82	489800	77.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	175638	89.31	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	946870	74.88	ng	0.00
78) Terphenyl-d14	12.89	244	902207	64.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	63100	12.86	ng	# 78
25) Isophorone	7.34	82	445164	34.88	ng	# 66
49) Dimethylphthalate	9.53	163	236452	16.01	ng	100
56) 2,4-Dinitrotoluene	9.81	165	25806	6.63	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	13812	3.33	ng	# 1

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

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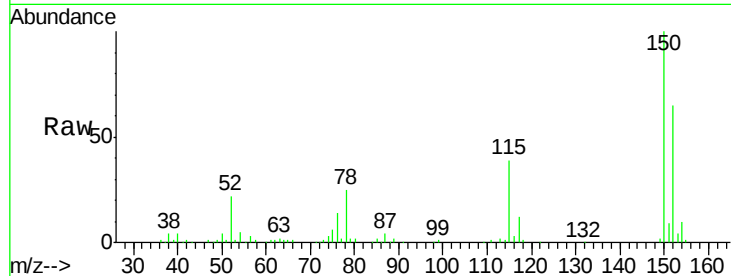


#1

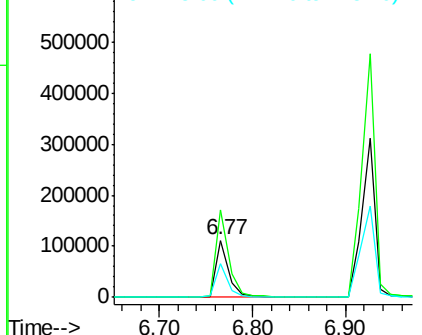
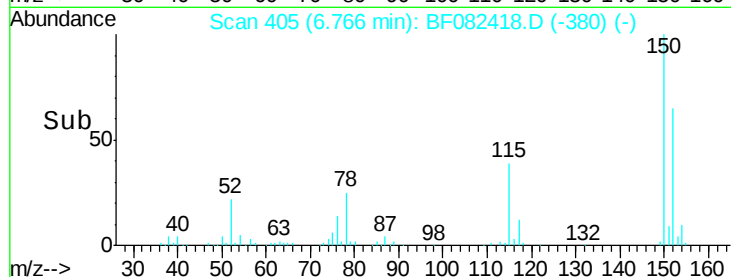
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

Instrument :
BNA_F
ClientSampleId :
AB-AC-07(0-2)

Tot Ion:152 Resp: 108371
Ion Ratio Lower Upper
152 100
150 153.6 129.0 193.4
115 59.3 52.1 78.1



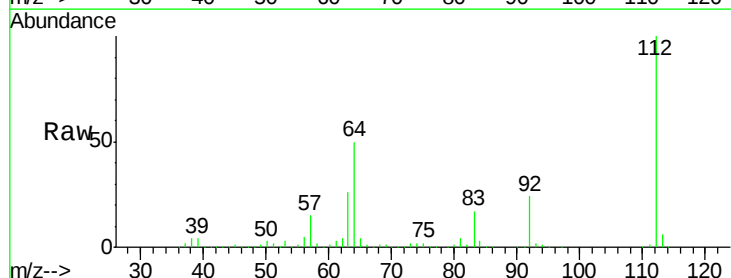
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



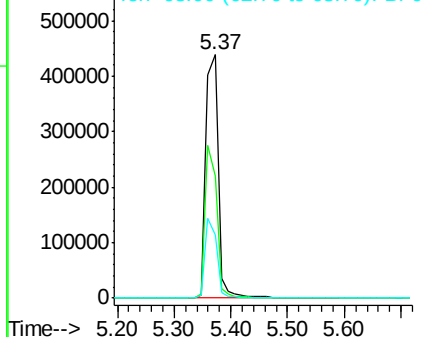
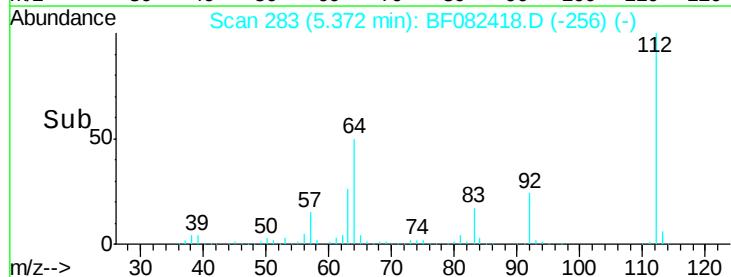
#5

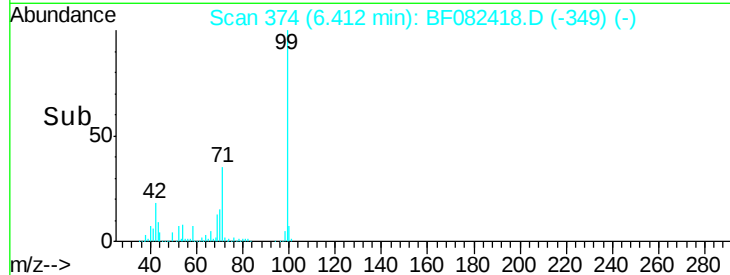
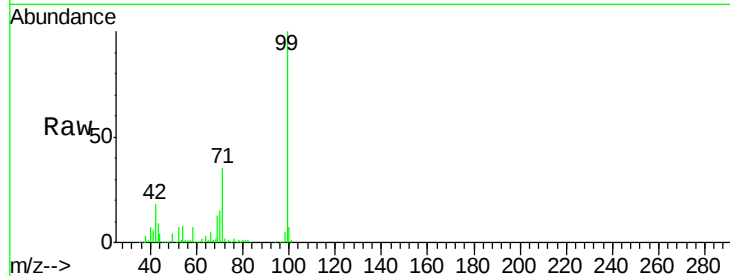
2-Fluorophenol
Concen: 119.25 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

Tgt Ion:112 Resp: 640319
Ion Ratio Lower Upper
112 100
64 50.3 48.6 73.0
63 26.1 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: 114.09 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

BNA_F

ClientSampleId :

AB-AC-07(0-2)

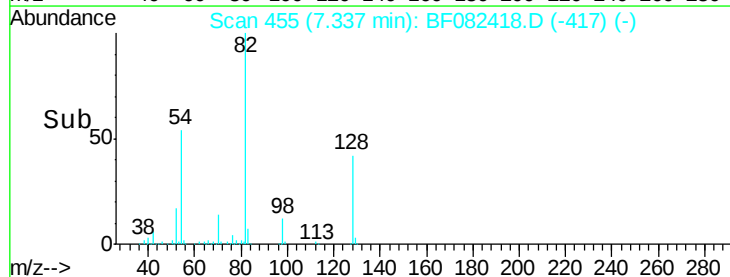
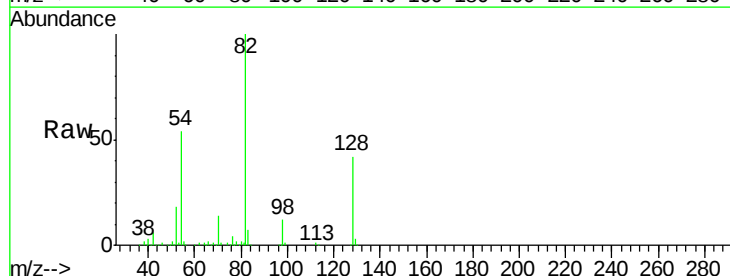
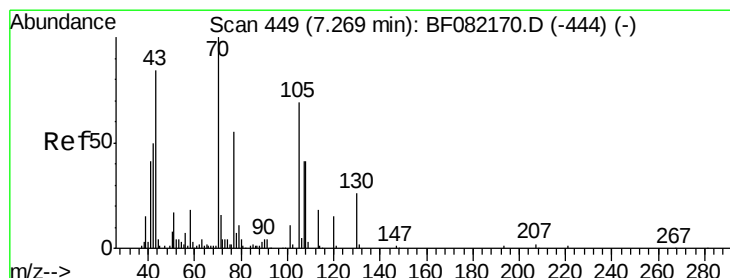
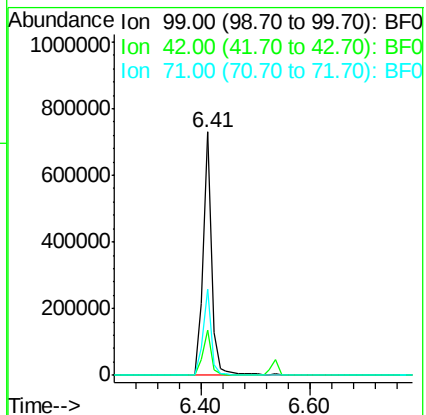
Tot Ion: 99 Resp: 797258

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 35.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.86 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Tgt Ion: 70 Resp: 63100

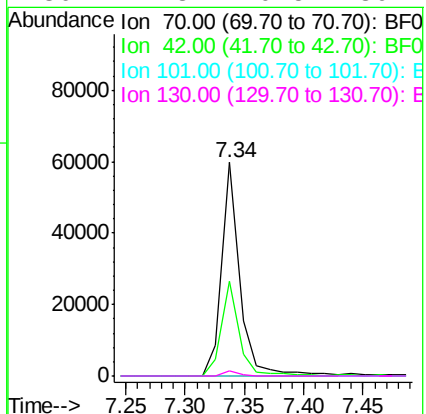
Ion Ratio Lower Upper

70 100

42 44.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.3 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: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

BNA_F

ClientSampleId :

AB-AC-07(0-2)

Tot Ion:136 Resp: 424596

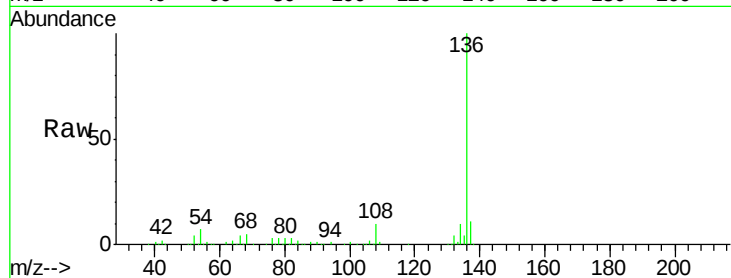
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.3 7.5 11.3#

68 4.8 4.6 7.0

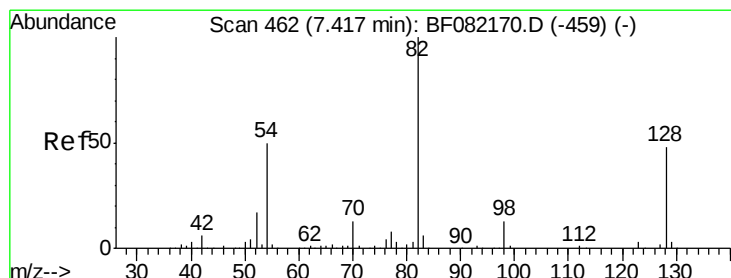
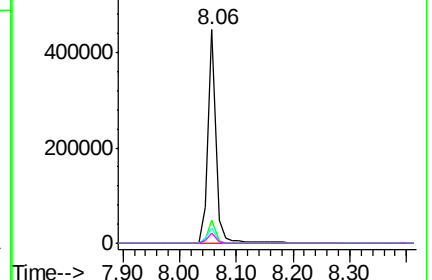
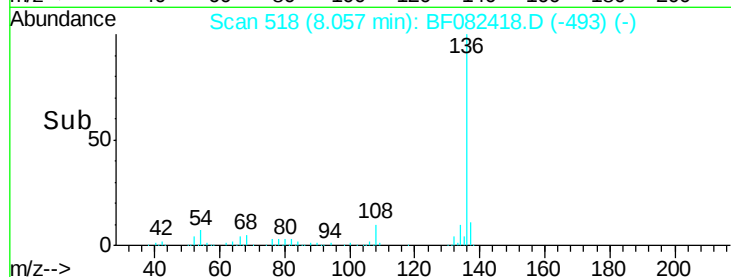


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.47 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

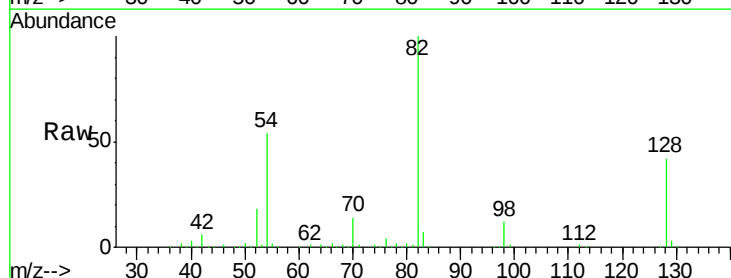
Tgt Ion: 82 Resp: 489800

Ion Ratio Lower Upper

82 100

128 41.7 38.7 58.1

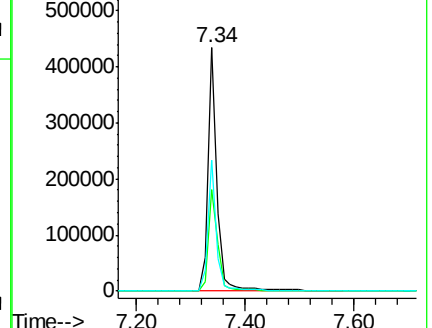
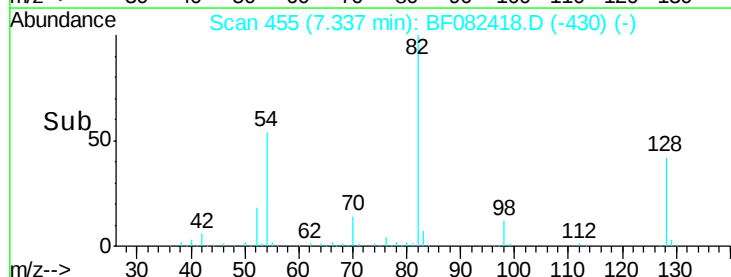
54 54.0 40.1 60.1



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: 34.88 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

Instrument :

BNA_F

ClientSampleId :

AB-AC-07(0-2)

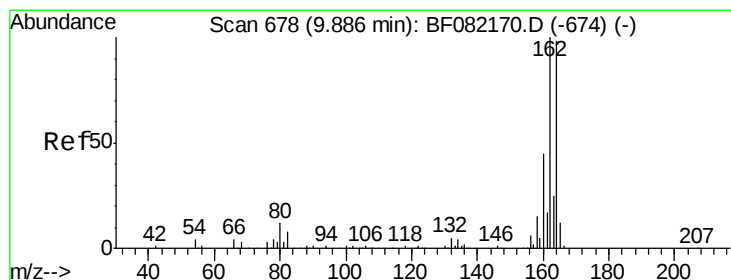
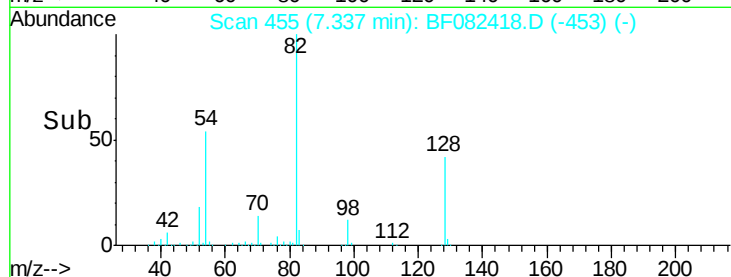
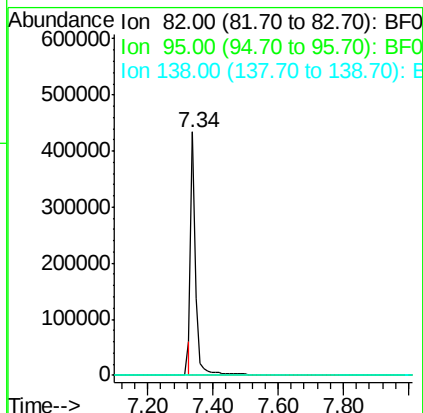
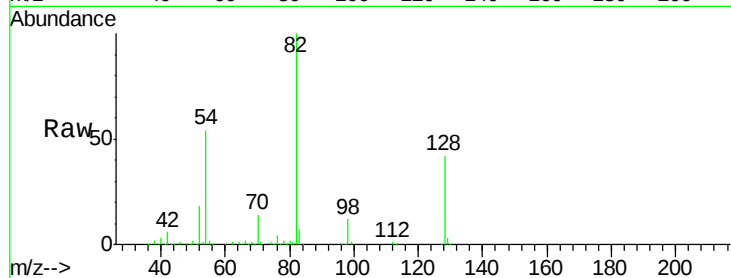
Tot Ion: 82 Resp: 445164

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082418.D

Acq: 21 Oct 2015 21:53

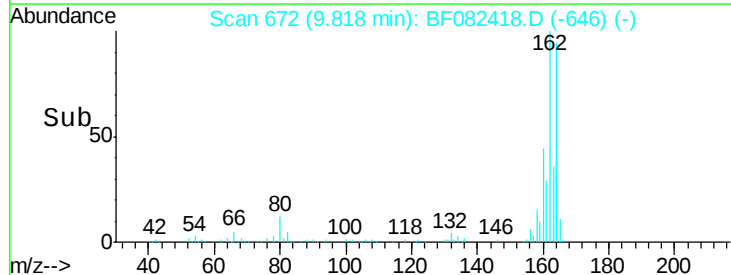
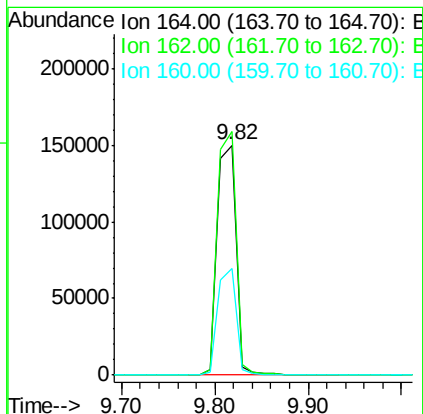
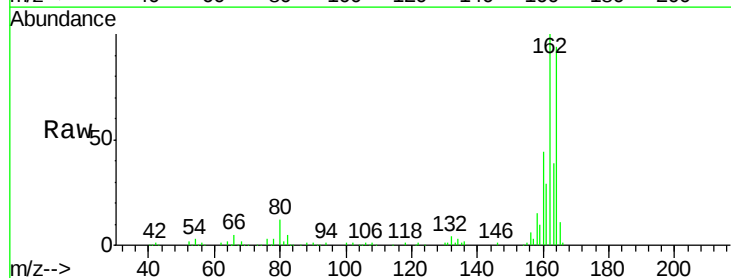
Tgt Ion: 164 Resp: 209690

Ion Ratio Lower Upper

164 100

162 106.0 81.6 122.4

160 46.5 36.4 54.6

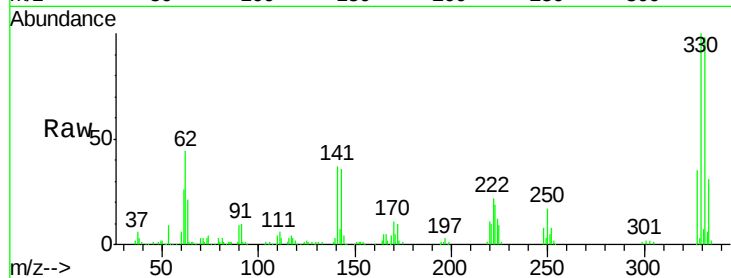




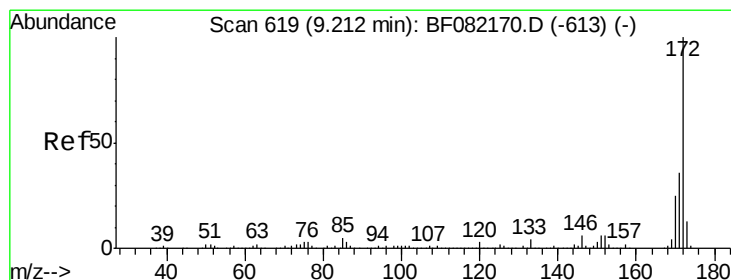
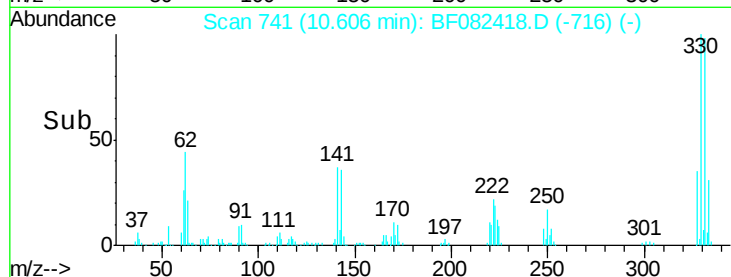
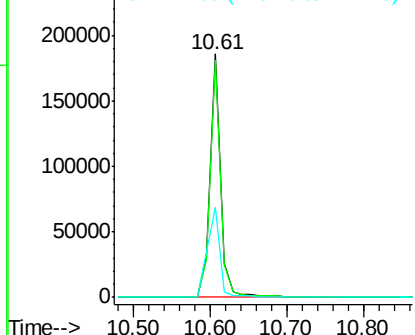
#41
 2,4,6-Tribromophenol
 Concen: 89.31 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	44.2	29.8	44.8

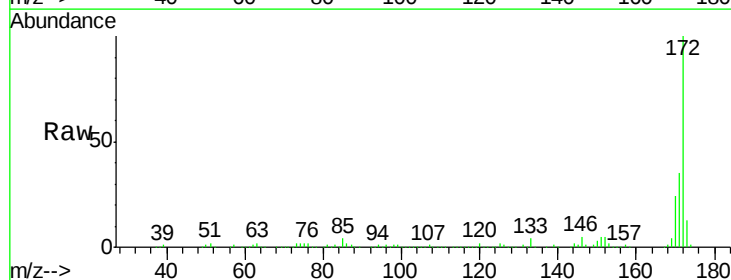


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

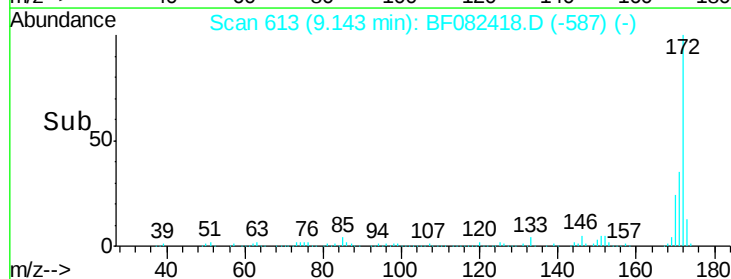
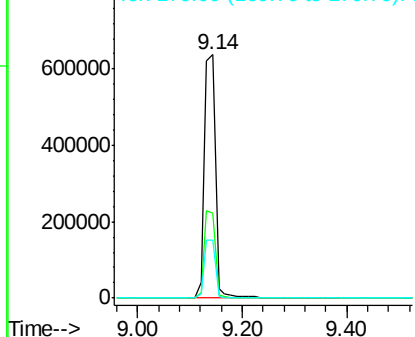


#44
 2-Fluorobiphenyl
 Concen: 74.88 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.8	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

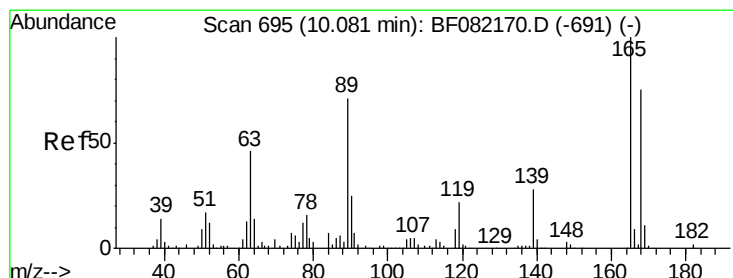
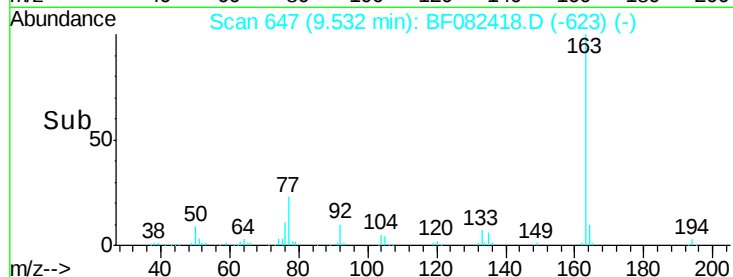
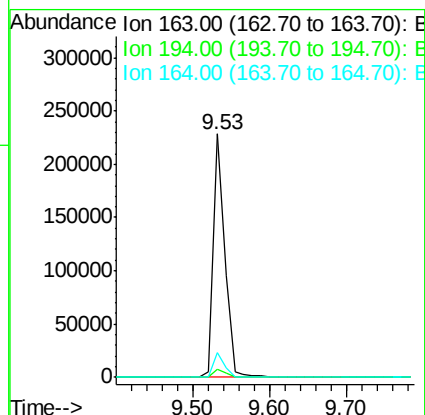
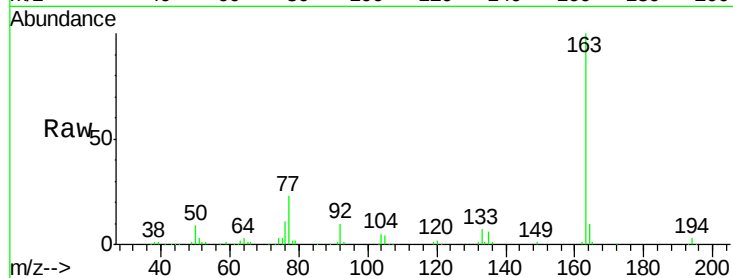




#49
Dimethylphthalate
Concen: 16.01 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

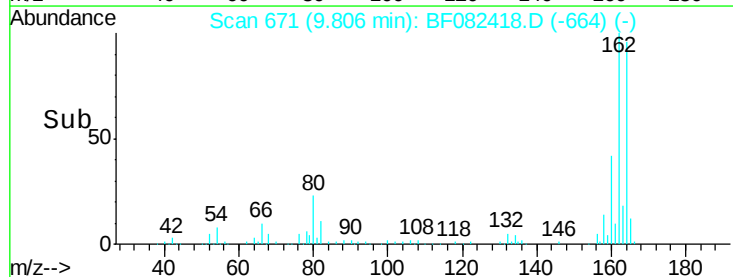
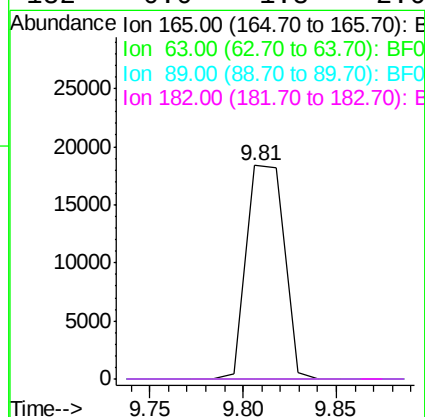
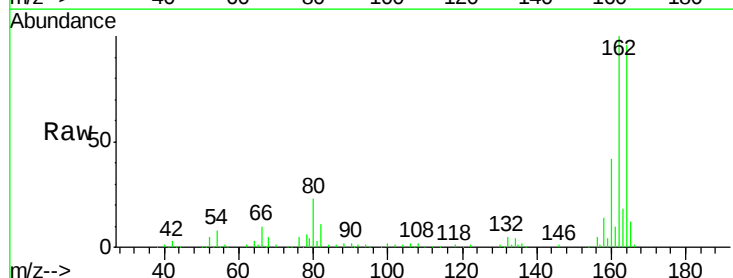
Instrument :
BNA_F
ClientSampleId :
AB-AC-07(0-2)

Tot Ion:163 Resp: 236452
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

Tgt Ion:165 Resp: 25806
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#

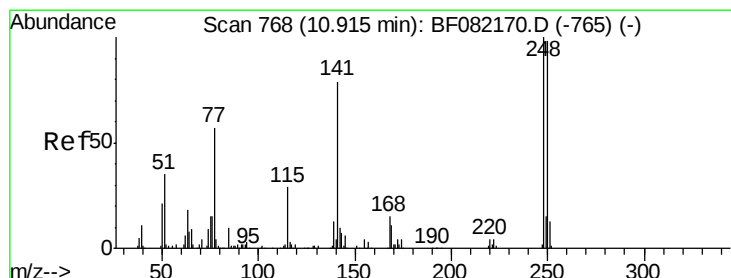
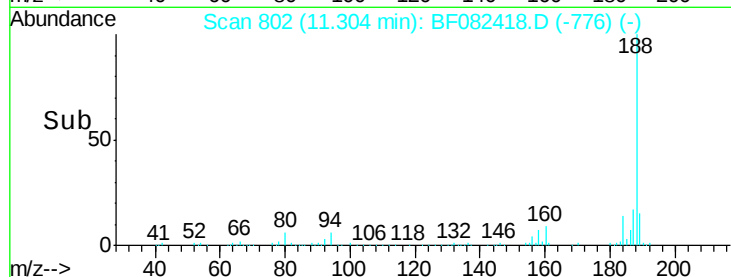
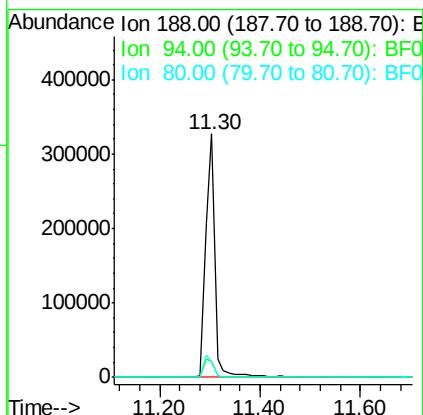
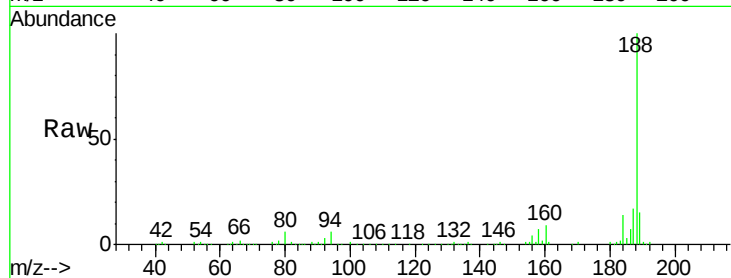




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

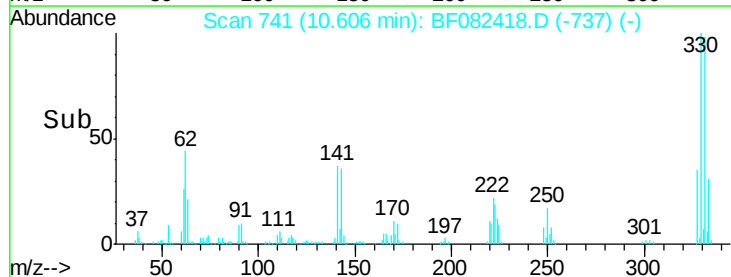
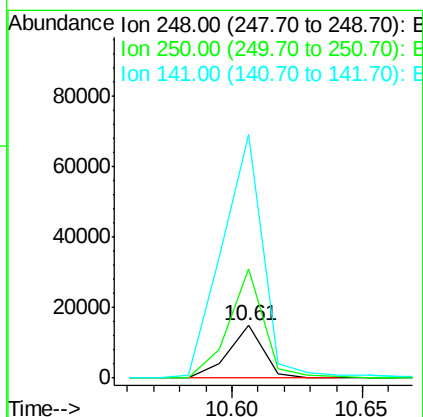
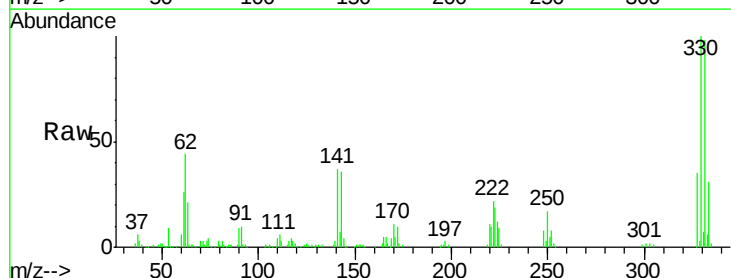
Instrument :
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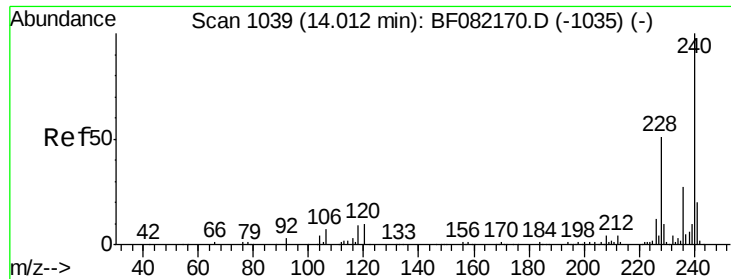
Tot Ion:188 Resp: 414651
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.6
80 6.3 6.4 9.6#



#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082418.D
Acq: 21 Oct 2015 21:53

Tgt Ion:248 Resp: 13812
Ion Ratio Lower Upper
248 100
250 207.1 78.6 117.8#
141 464.1 63.3 94.9#

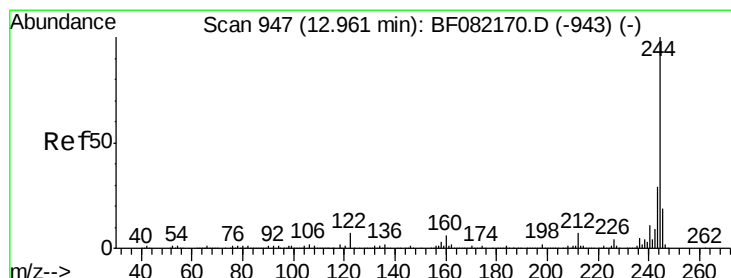
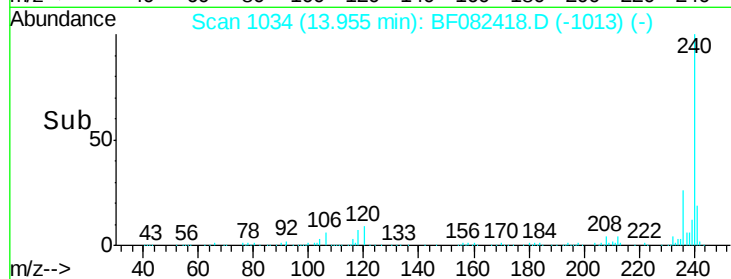
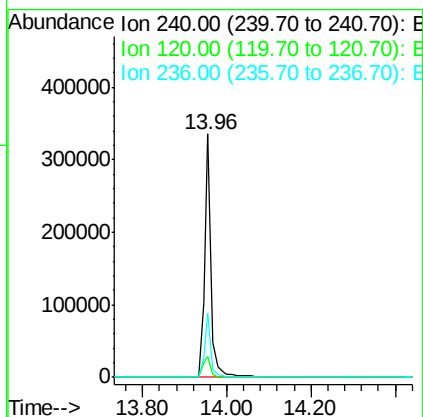
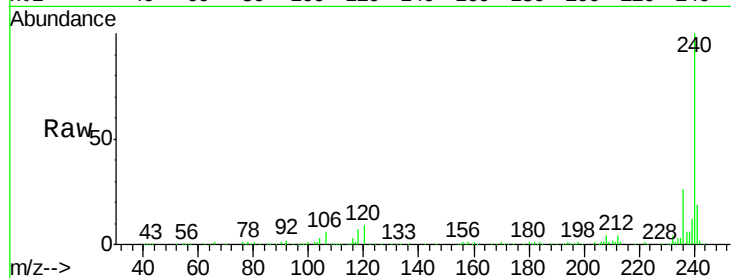




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

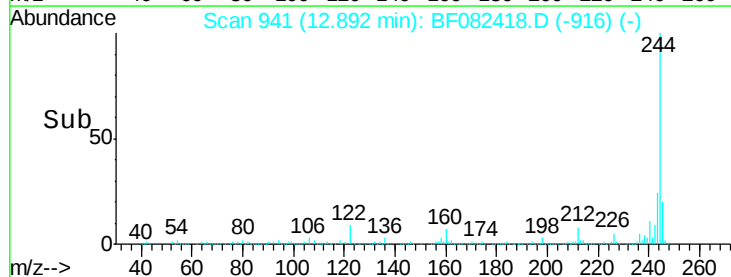
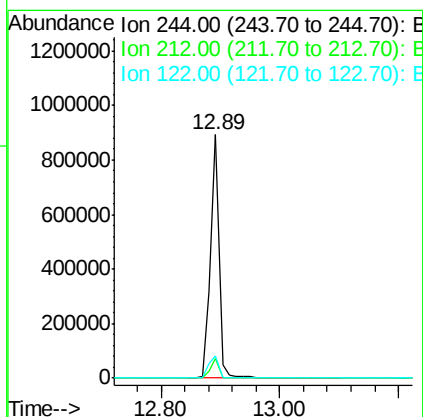
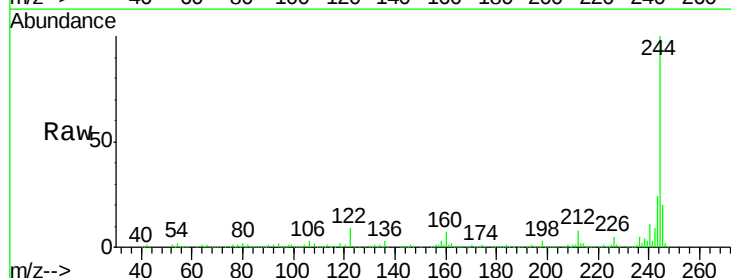
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

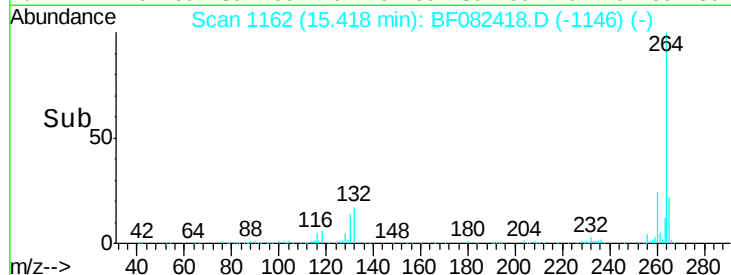
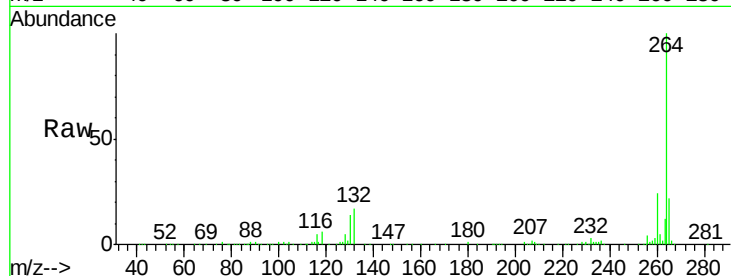
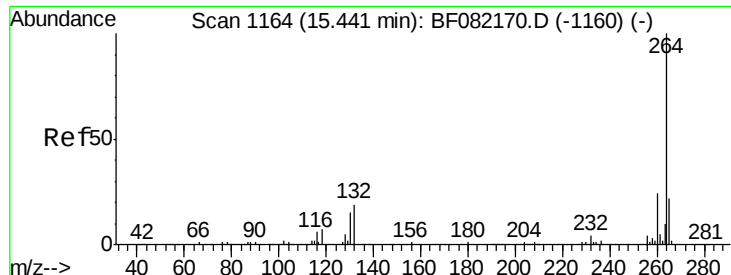
Tot Ion:240 Resp: 369842
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.1 12.1
 236 26.3 21.3 31.9



#78
 Terphenyl-d14
 Concen: 64.64 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Tgt Ion:244 Resp: 902207
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 9.2 5.9 8.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. -0.11 min
 Lab File: BF082418.D
 Acq: 21 Oct 2015 21:53

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-07(0-2)

Tot Ion:	264	Resp:	275723
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.2	17.3	25.9

