

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082503.D
 Acq On : 24 Oct 2015 10:07
 Operator : UM/IZ
 Sample : G4116-17RE
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Quant Time: Oct 24 23:21:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

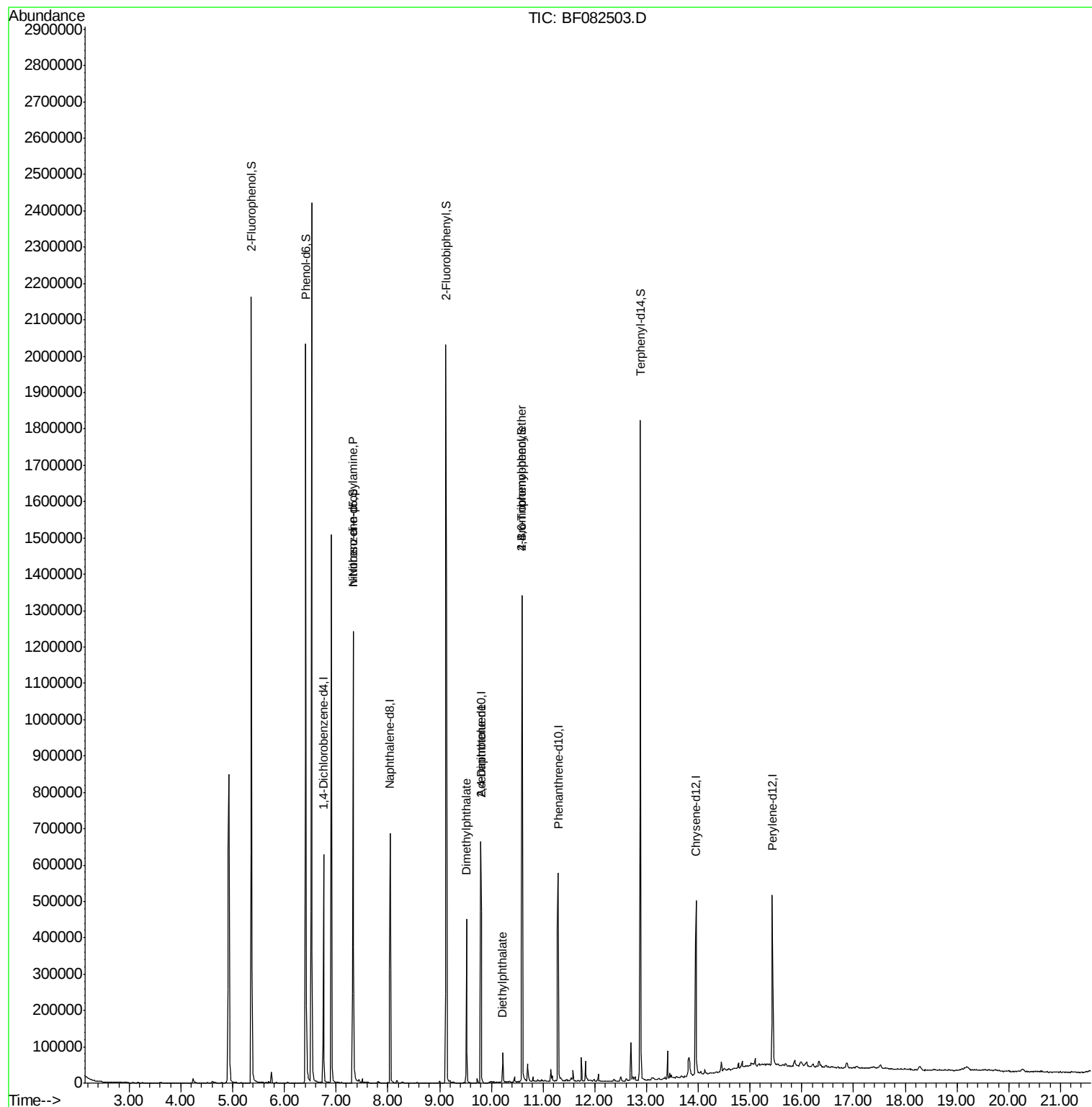
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100138	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381227	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	179593	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	308979	20.00	ng	0.00
75) Chrysene-d12	13.96	240	240730	20.00	ng	-0.08
86) Perylene-d12	15.43	264	214232	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	630795	127.13	ng	0.01
7) Phenol-d6	6.41	99	828955	128.38	ng	-0.01
23) Nitrobenzene-d5	7.33	82	477647	84.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	142518	84.62	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	915779	84.56	ng	-0.01
78) Terphenyl-d14	12.88	244	660996	72.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	63148	13.93	ng	# 78
49) Dimethylphthalate	9.52	163	184550	14.59	ng	100
56) 2,4-Dinitrotoluene	9.79	165	22395	6.71	ng	# 21
59) Diethylphthalate	10.22	149	26507	2.25	ng	97
66) 4-Bromophenyl-phenylether	10.59	248	11193	3.62	ng	# 1

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

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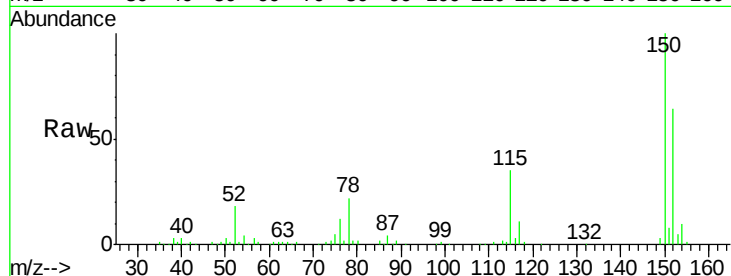


#1

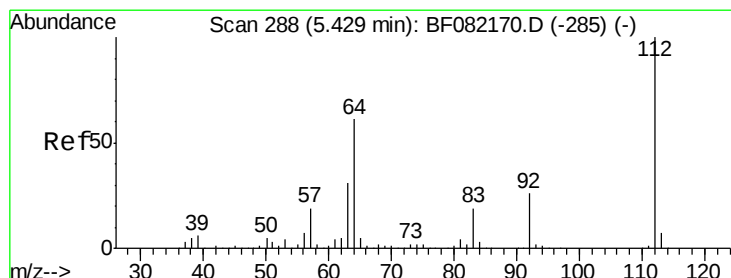
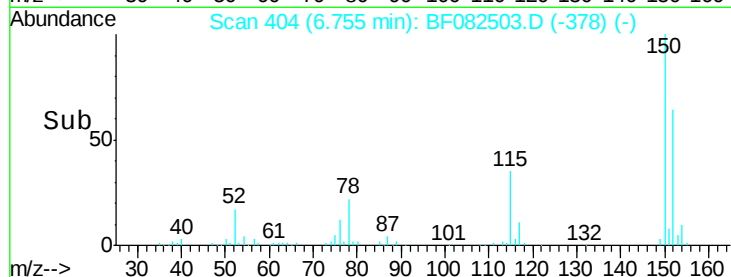
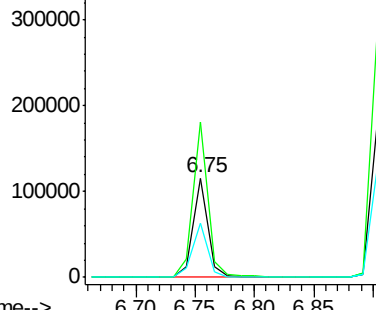
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082503.D
 Acq: 24 Oct 2015 10:07

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

Tgt Ion:152 Resp: 100138
 Ion Ratio Lower Upper
 152 100
 150 155.7 129.0 193.4
 115 54.6 52.1 78.1



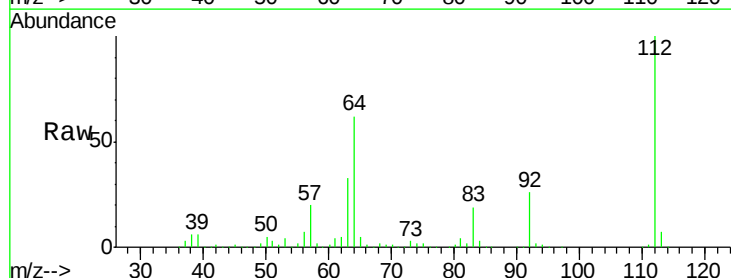
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



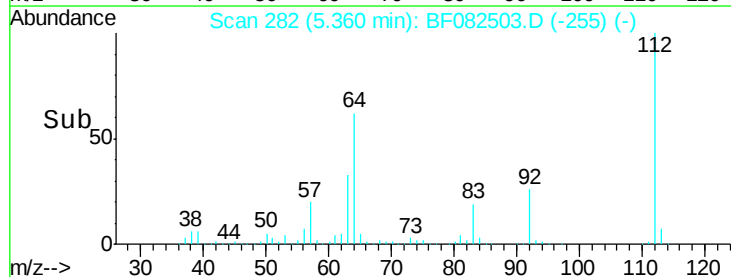
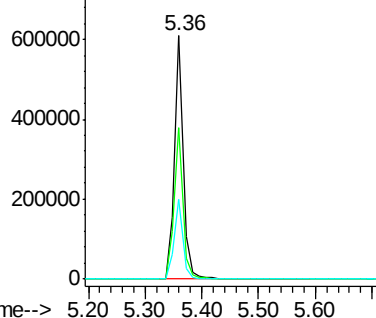
#5

2-Fluorophenol
 Concen: 127.13 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF082503.D
 Acq: 24 Oct 2015 10:07

Tgt Ion:112 Resp: 630795
 Ion Ratio Lower Upper
 112 100
 64 62.4 48.6 73.0
 63 32.7 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: 128.38 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

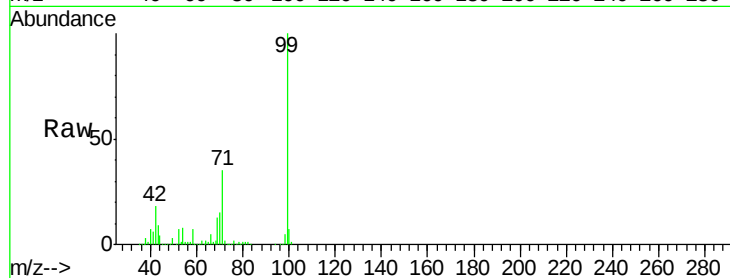
Tgt Ion: 99 Resp: 828955

Ion Ratio Lower Upper

99 100

42 17.5 13.2 19.8

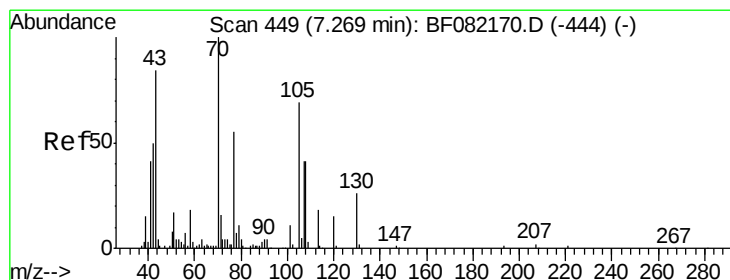
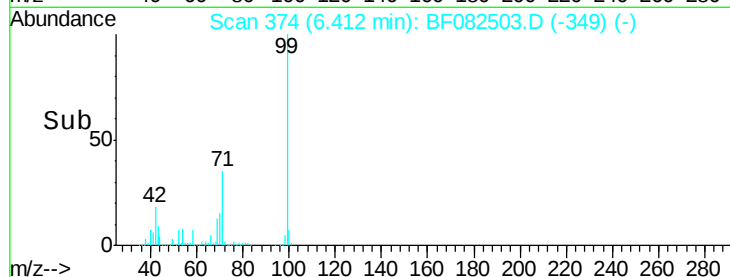
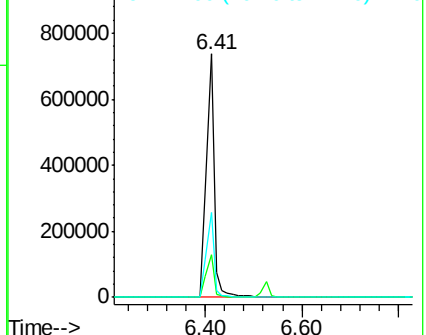
71 35.0 25.6 38.4



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: 13.93 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

Tgt Ion: 70 Resp: 63148

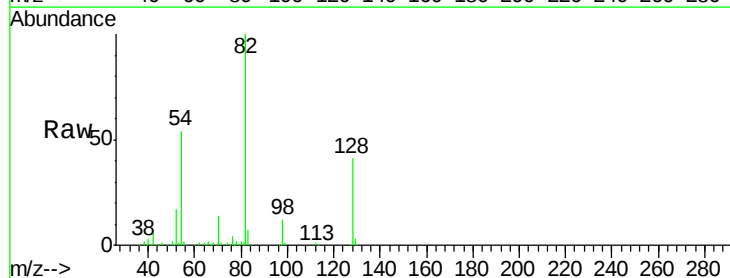
Ion Ratio Lower Upper

70 100

42 44.5 39.8 59.8

101 0.0 8.6 13.0#

130 1.8 20.5 30.7#

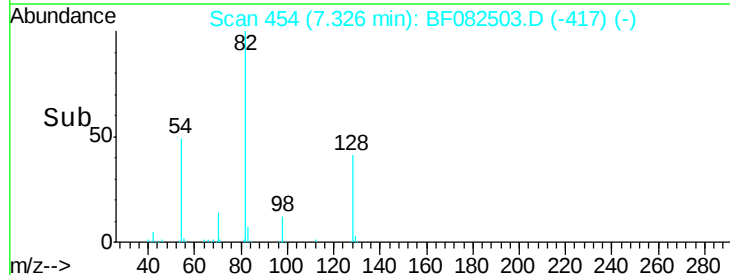
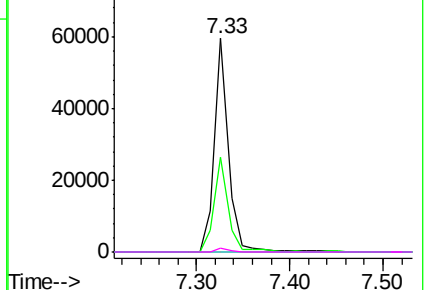


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

Tgt Ion:136 Resp: 381227

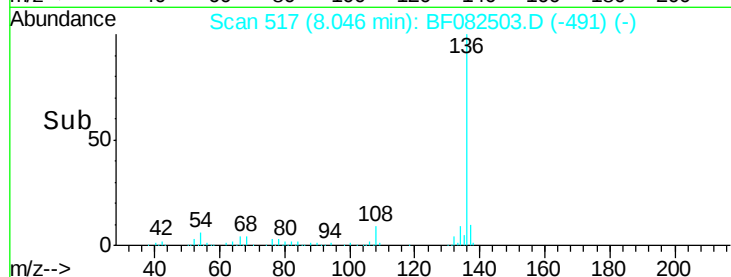
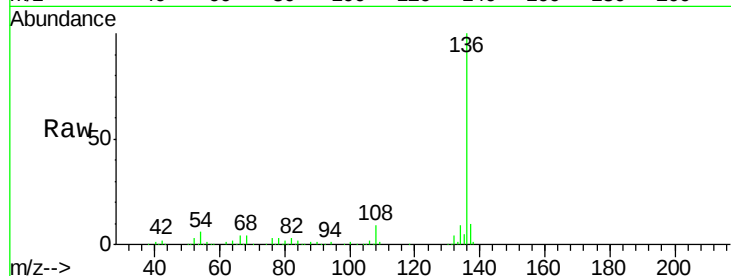
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.6

54 6.3 7.5 11.3#

68 4.1 4.6 7.0#

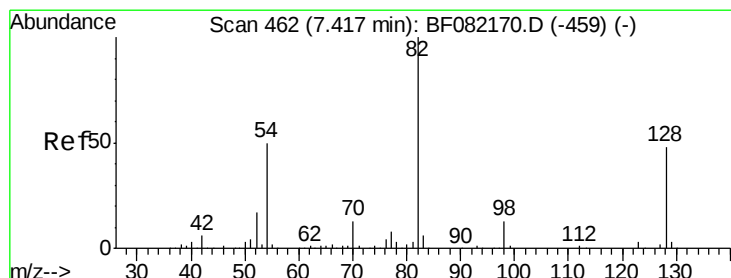
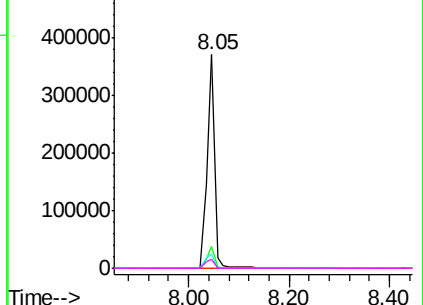


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.14 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

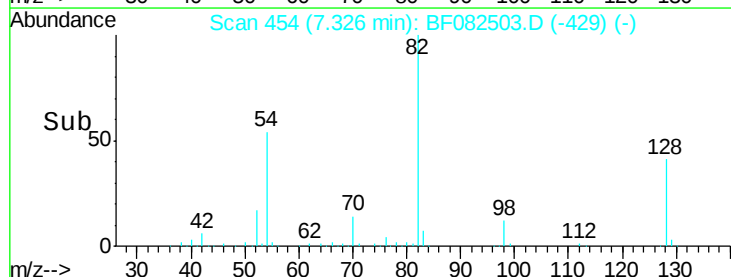
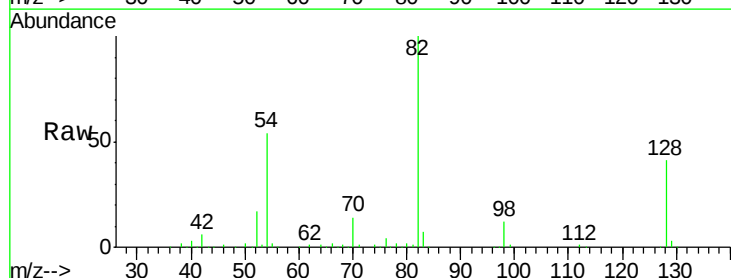
Tgt Ion: 82 Resp: 477647

Ion Ratio Lower Upper

82 100

128 41.2 38.7 58.1

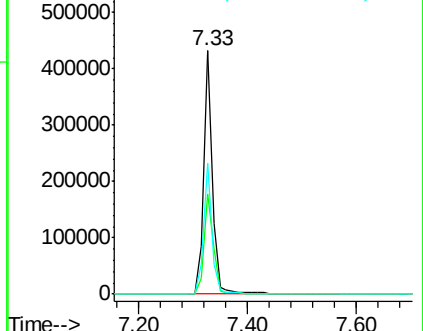
54 53.7 40.1 60.1

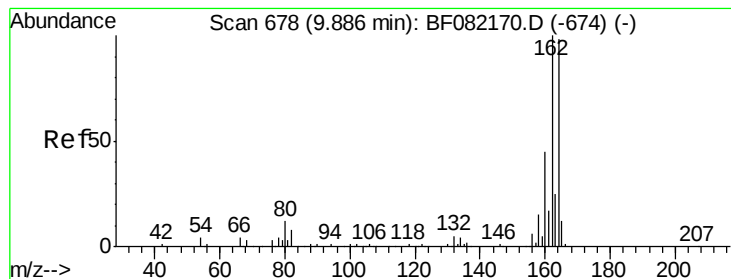


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

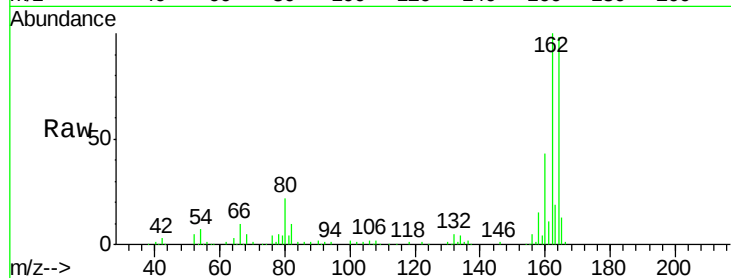
Tgt Ion:164 Resp: 179593

Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

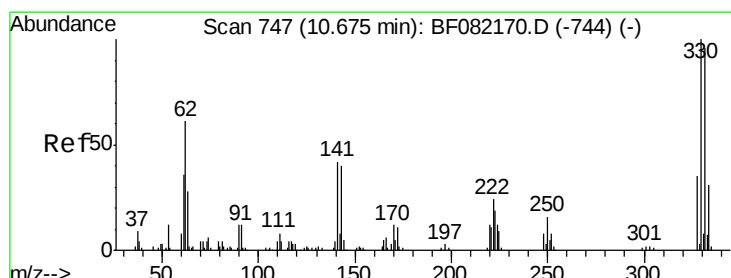
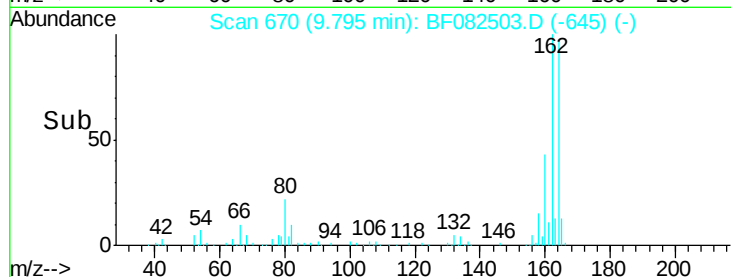
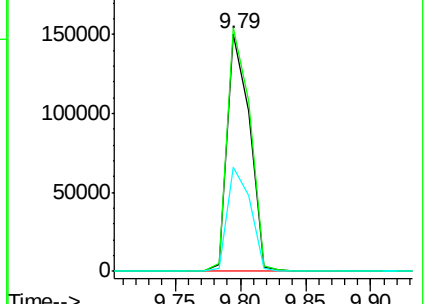
160 44.1 36.4 54.6



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: 84.62 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

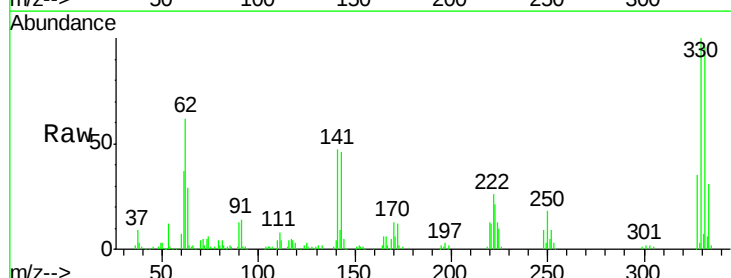
Tgt Ion:330 Resp: 142518

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

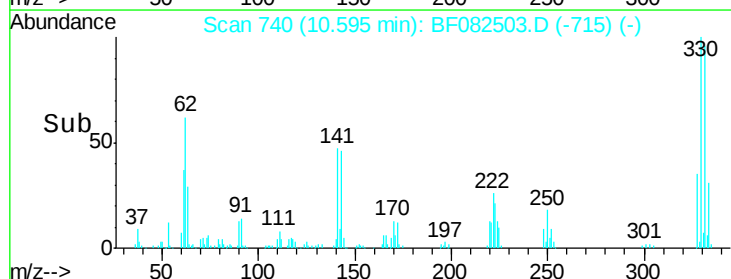
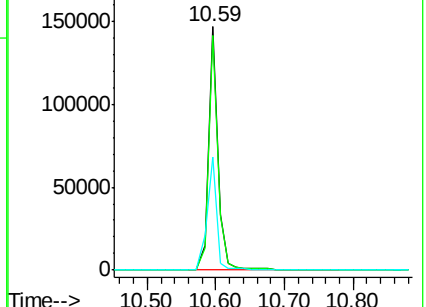
141 47.2 29.8 44.8#

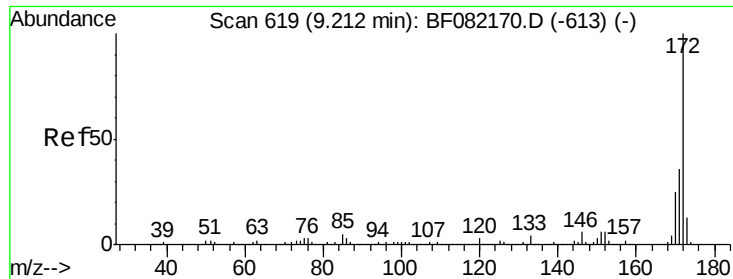


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

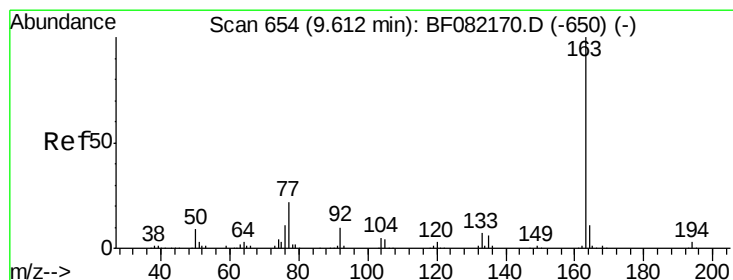
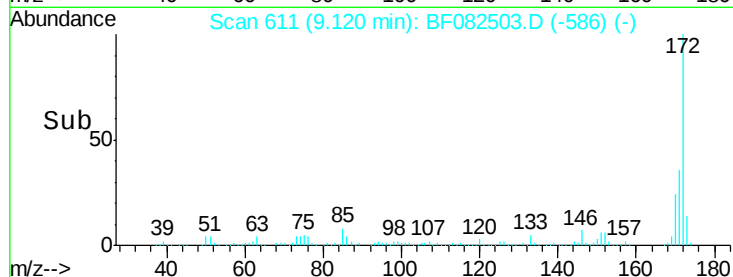
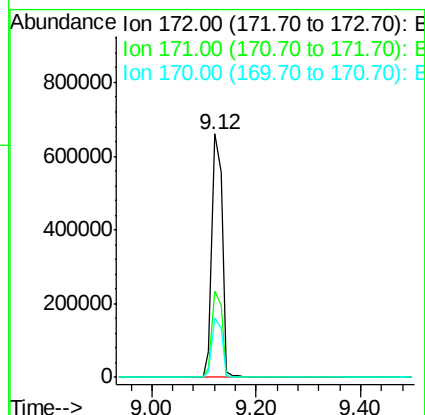
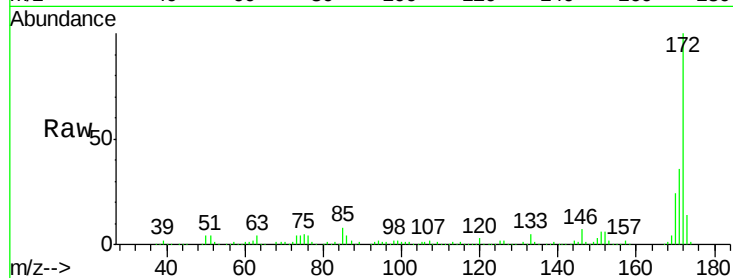




#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082503.D
 Acq: 24 Oct 2015 10:07

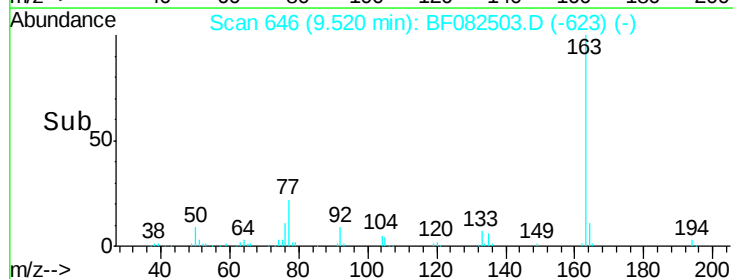
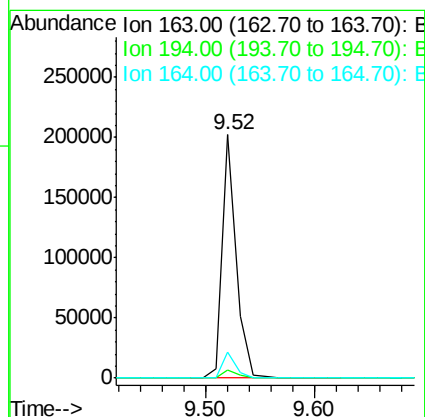
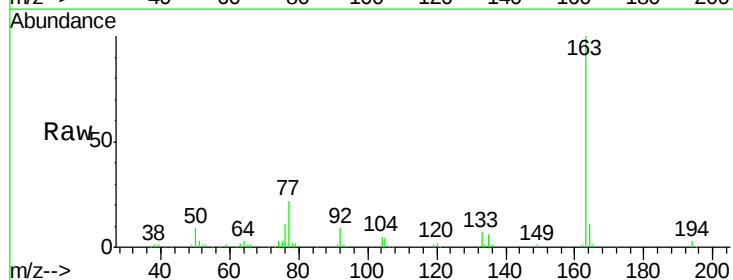
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-01(0-2)

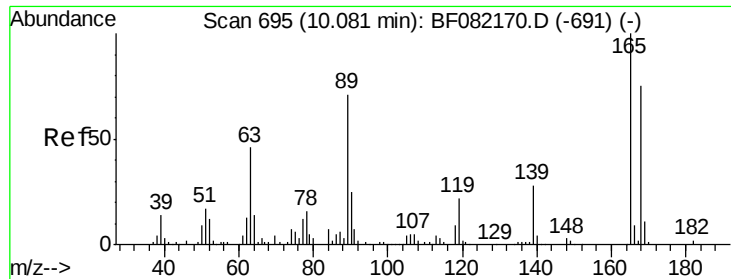
Tgt Ion:172 Resp: 915779
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.2 19.7 29.5



#49
 Dimethylphthalate
 Concen: 14.59 ng
 RT: 9.52 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF082503.D
 Acq: 24 Oct 2015 10:07

Tgt Ion:163 Resp: 184550
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.6 8.5 12.7

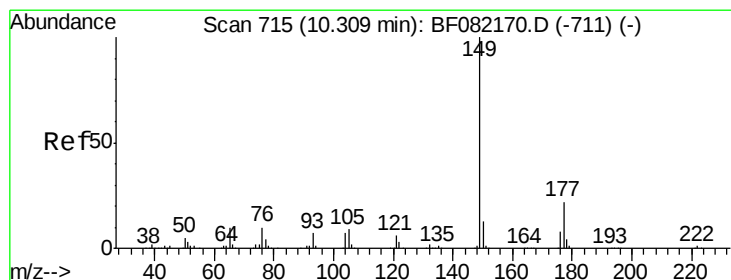
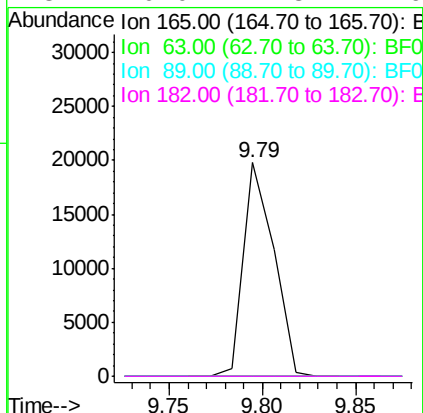
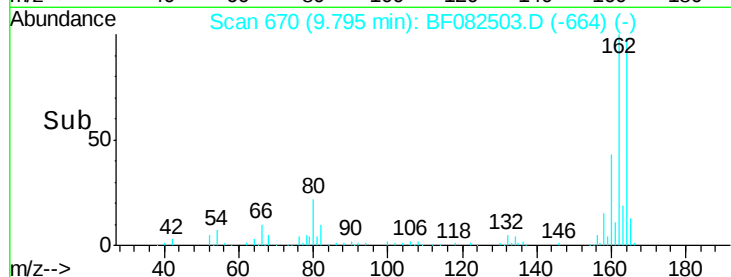
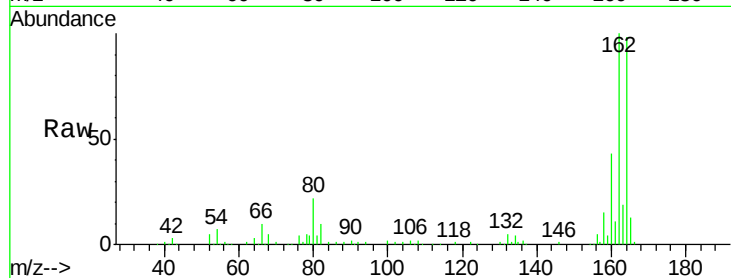




#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.23 min
Lab File: BF082503.D
Acq: 24 Oct 2015 10:07

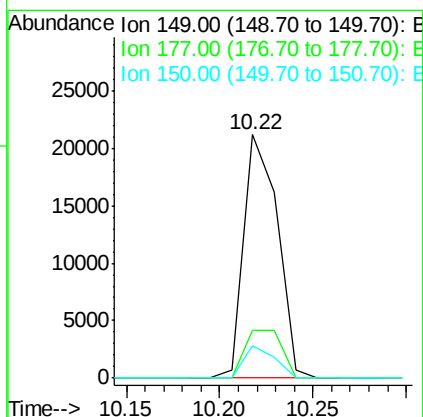
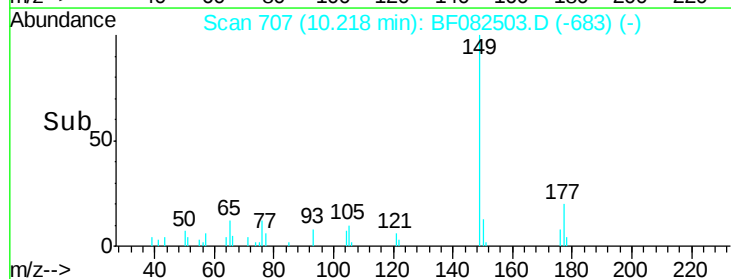
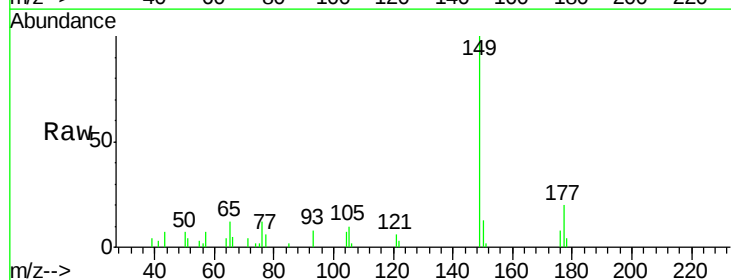
Instrument :
BNA_F
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AB-AC-01(0-2)

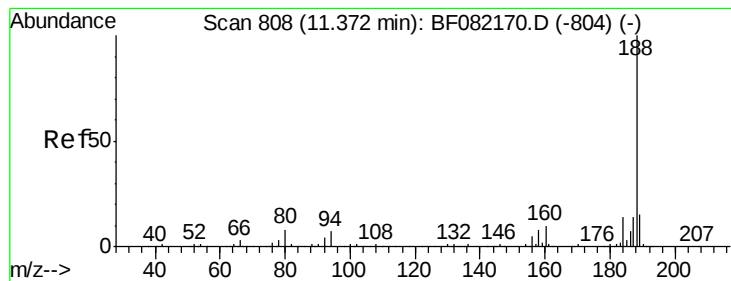
Tgt Ion:	165	Resp:	22395
Ion Ratio	Lower	Upper	
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 2.25 ng
RT: 10.22 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF082503.D
Acq: 24 Oct 2015 10:07

Tgt Ion:	149	Resp:	26507
Ion Ratio	Lower	Upper	
149	100		
177	19.8	17.6	26.4
150	13.1	10.3	15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

Instrument :

BNA_F

ClientSampleId :

AB-AC-01(0-2)

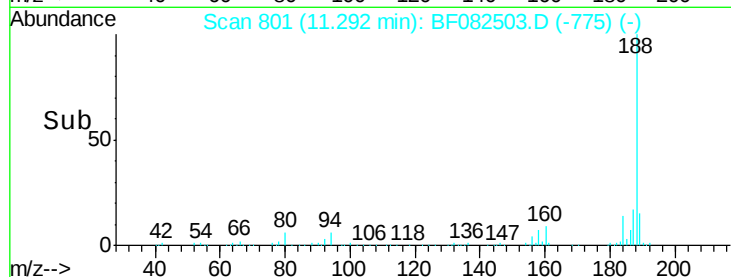
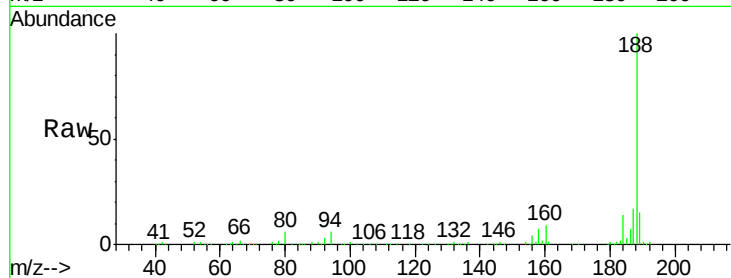
Tgt Ion:188 Resp: 308979

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.6#

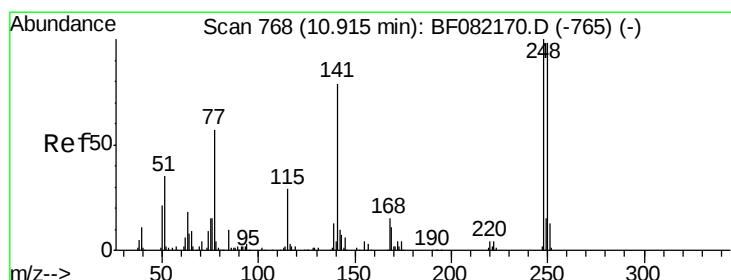
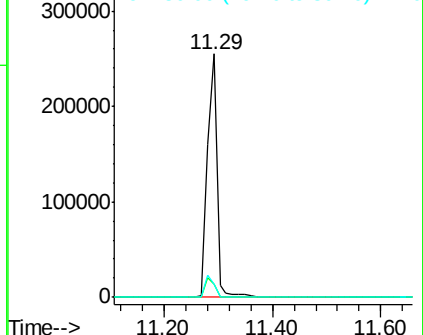
80 5.6 6.4 9.6#



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: 3.62 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF082503.D

Acq: 24 Oct 2015 10:07

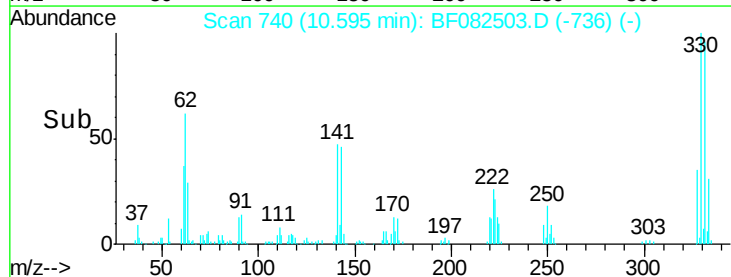
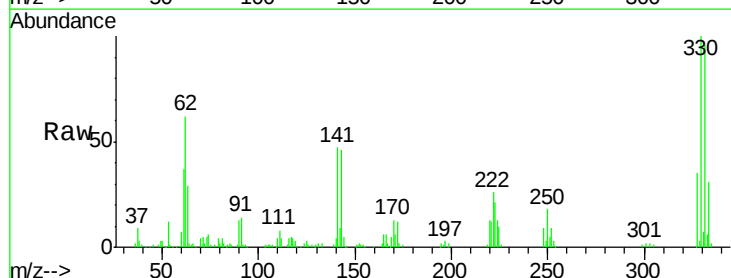
Tgt Ion:248 Resp: 11193

Ion Ratio Lower Upper

248 100

250 206.3 78.6 117.8#

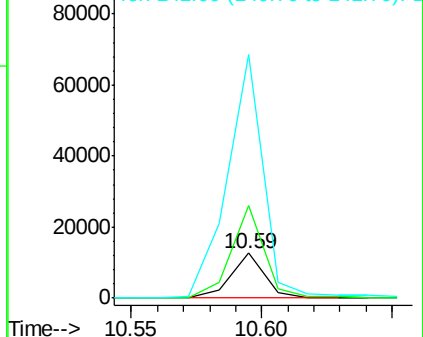
141 541.4 63.3 94.9#

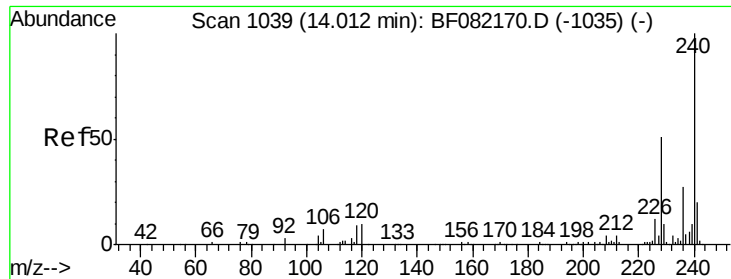


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

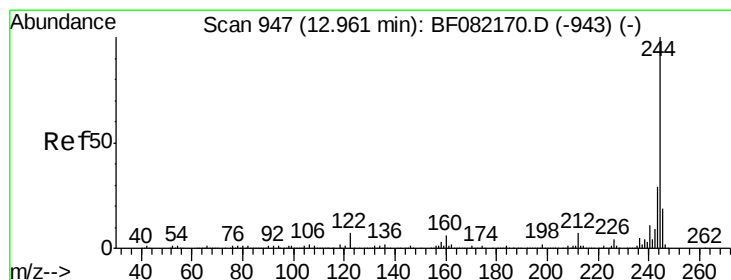
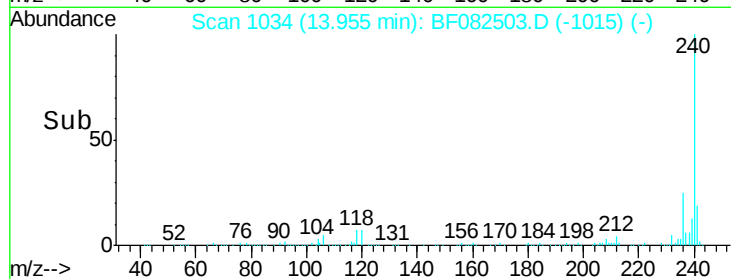
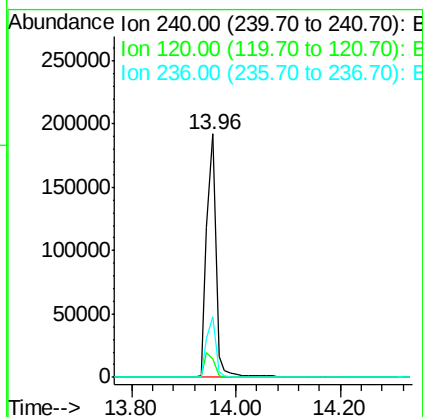
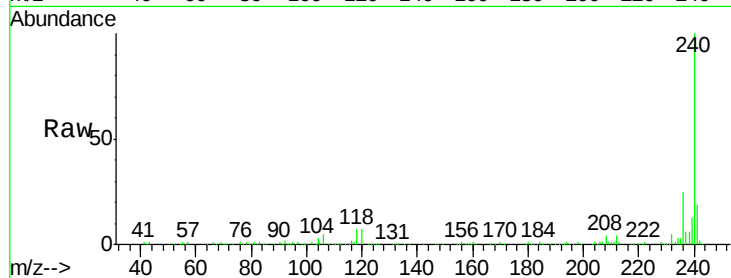




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF082503.D
Acq: 24 Oct 2015 10:07

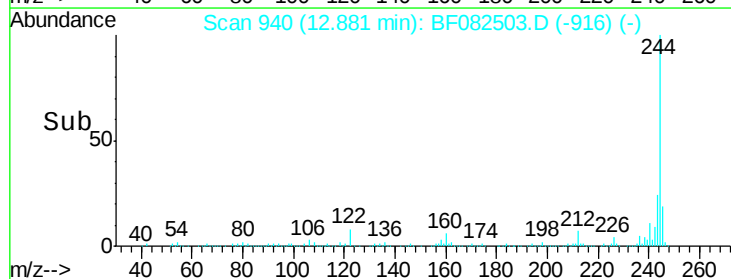
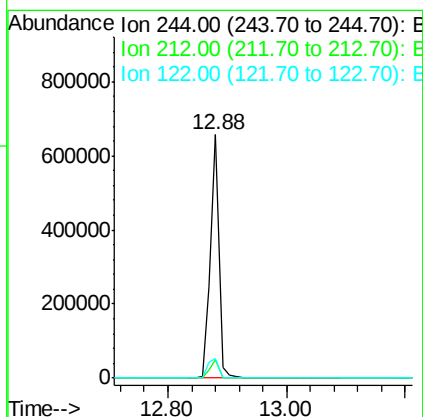
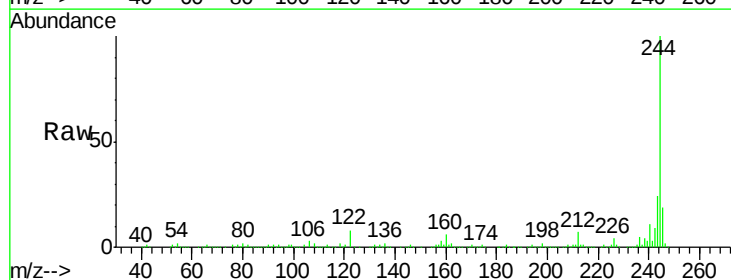
Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

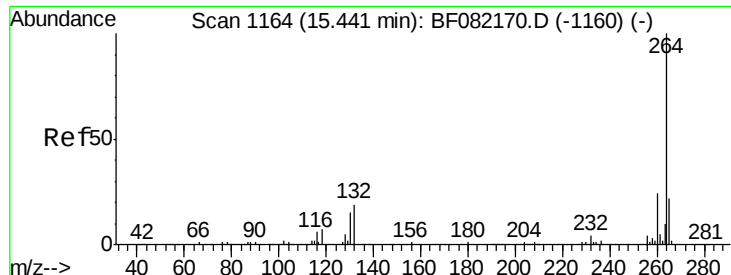
Tgt Ion:240 Resp: 240730
Ion Ratio Lower Upper
240 100
120 7.3 8.1 12.1#
236 25.1 21.3 31.9



#78
Terphenyl-d14
Concen: 72.76 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF082503.D
Acq: 24 Oct 2015 10:07

Tgt Ion:244 Resp: 660996
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 8.0 5.9 8.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.19 min
Lab File: BF082503.D
Acq: 24 Oct 2015 10:07

Instrument :
BNA_F
ClientSampleId :
AB-AC-01(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.6
265	21.9	17.3	25.9

