

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082510.D
 Acq On : 24 Oct 2015 13:29
 Operator : UM/IZ
 Sample : G4117-03RE
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Quant Time: Oct 24 23:24:29 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

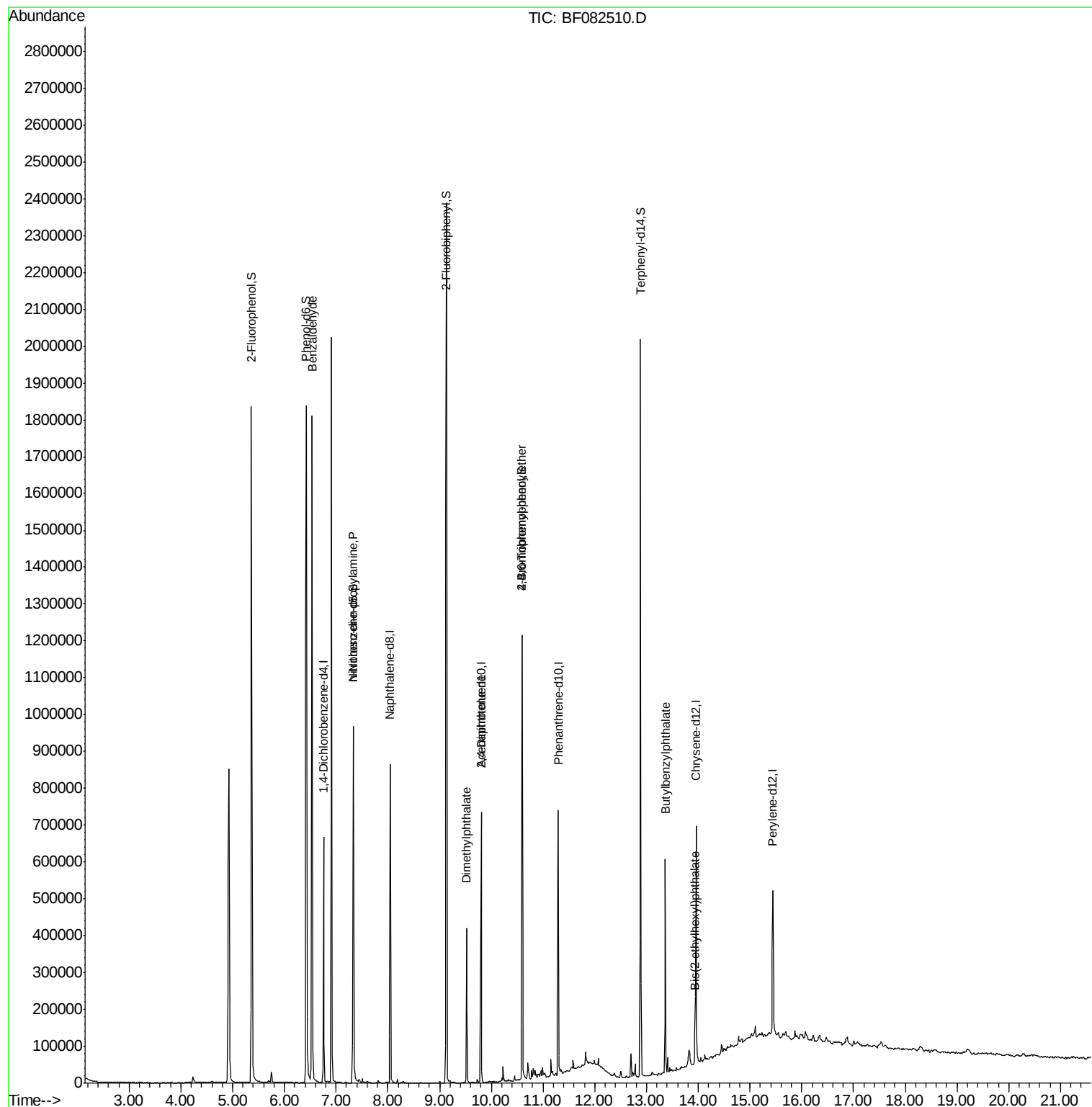
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	99223	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	381923	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	171469	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	284982	20.00	ng	0.00
75) Chrysene-d12	13.96	240	243859	20.00	ng	-0.08
86) Perylene-d12	15.44	264	193019	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	628333	127.80	ng	0.01
7) Phenol-d6	6.42	99	881406	137.77	ng	0.00
23) Nitrobenzene-d5	7.33	82	497253	87.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	135154	84.05	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1006336	97.33	ng	0.00
78) Terphenyl-d14	12.88	244	615310	66.86	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	14579	4.46	ng	90
19) n-Nitroso-di-n-propylamine	7.33	70	63993	14.24	ng	# 81
49) Dimethylphthalate	9.52	163	215531	17.85	ng	99
56) 2,4-Dinitrotoluene	9.81	165	22303	7.00	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	10729	3.76	ng	# 1
79) Butylbenzylphthalate	13.36	149	138809	21.02	ng	94
83) Bis(2-ethylhexyl)phthalate	13.93	149	23024	2.44	ng	99

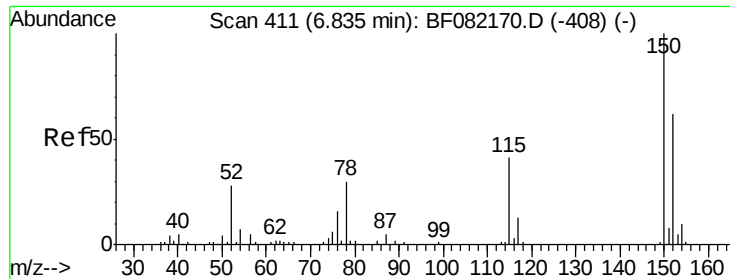
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

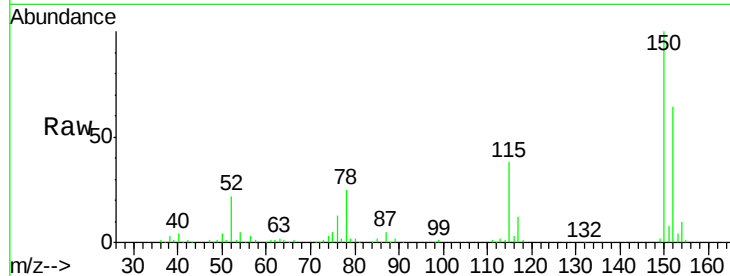
Tgt Ion:152 Resp: 99223

Ion Ratio Lower Upper

152 100

150 157.4 129.0 193.4

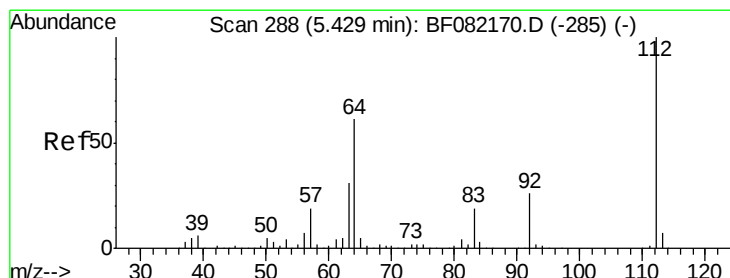
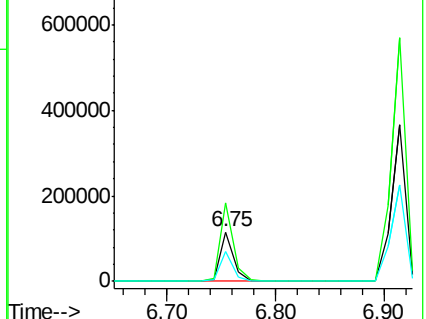
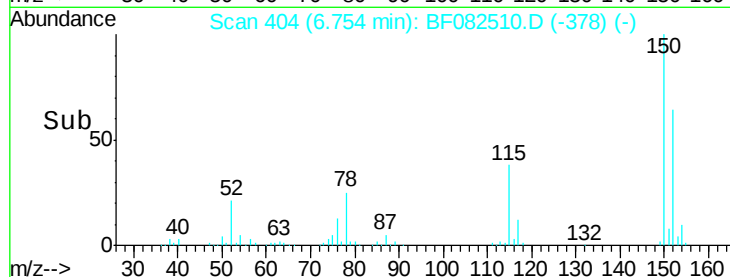
115 59.3 52.1 78.1



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: 127.80 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

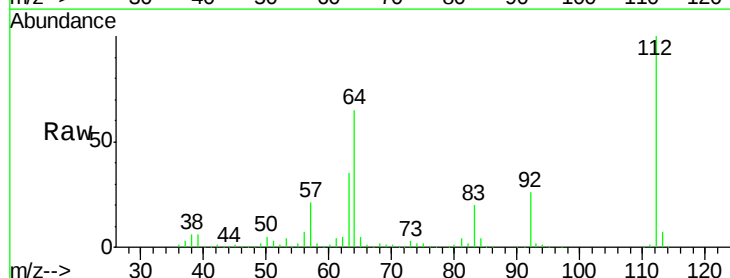
Tgt Ion:112 Resp: 628333

Ion Ratio Lower Upper

112 100

64 64.9 48.6 73.0

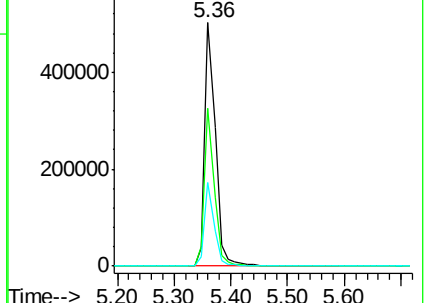
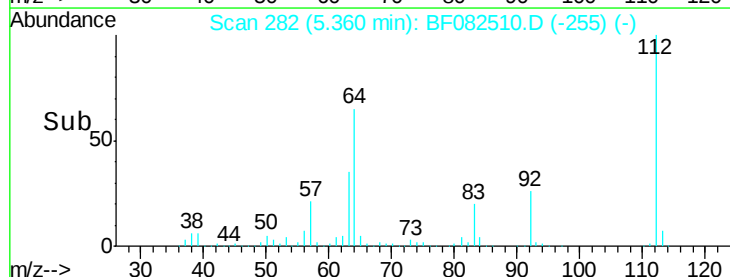
63 34.5 25.1 37.7

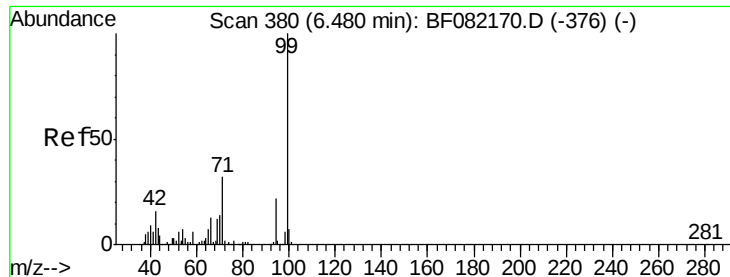


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.77 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

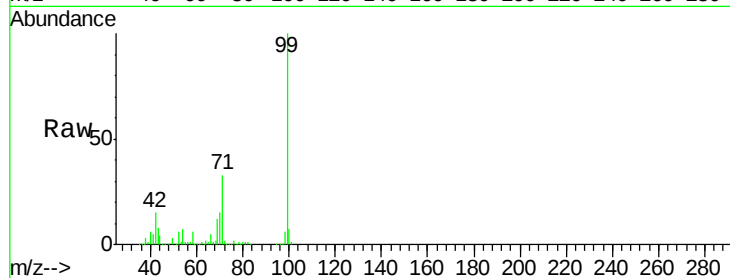
Tgt Ion: 99 Resp: 881406

Ion Ratio Lower Upper

99 100

42 15.1 13.2 19.8

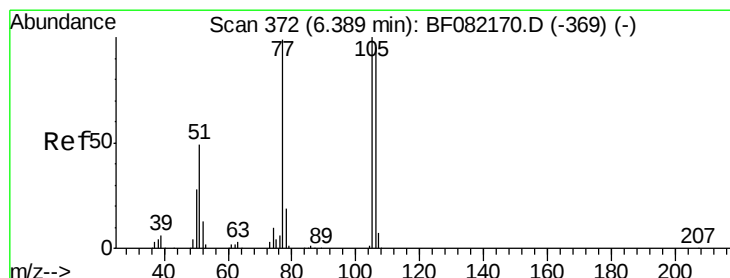
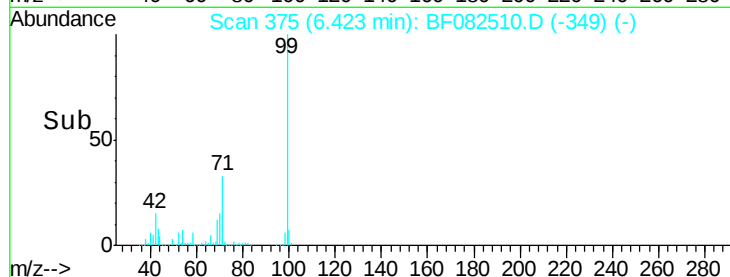
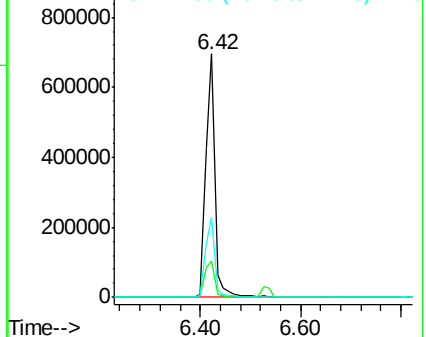
71 32.7 25.6 38.4



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



#9

Benzaldehyde

Concen: 4.46 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.23 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

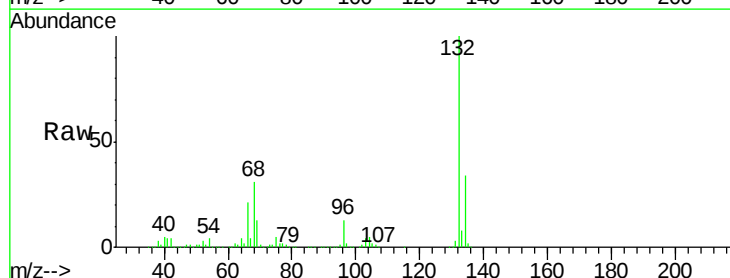
Tgt Ion: 77 Resp: 14579

Ion Ratio Lower Upper

77 100

105 93.4 80.6 120.6

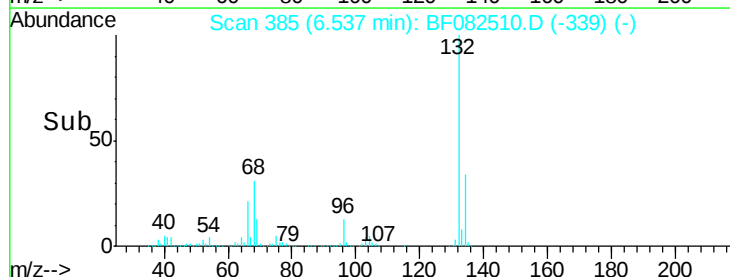
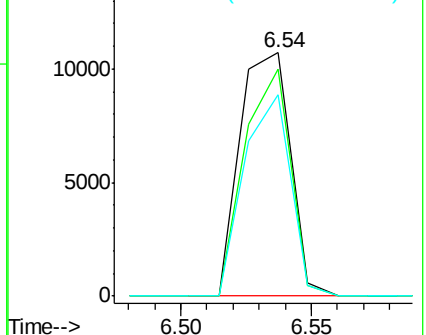
106 82.6 75.5 115.5

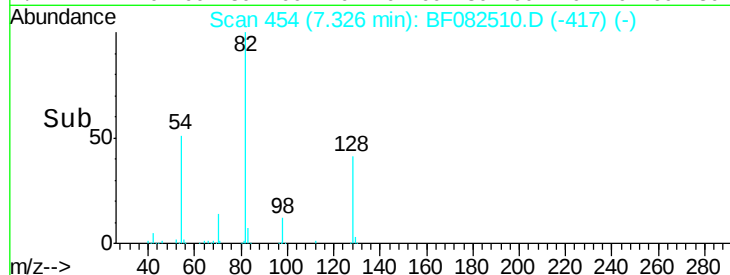
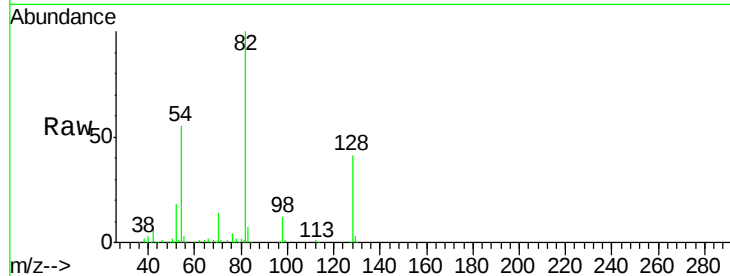
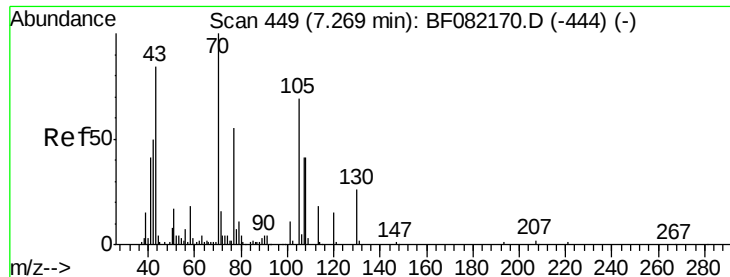


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

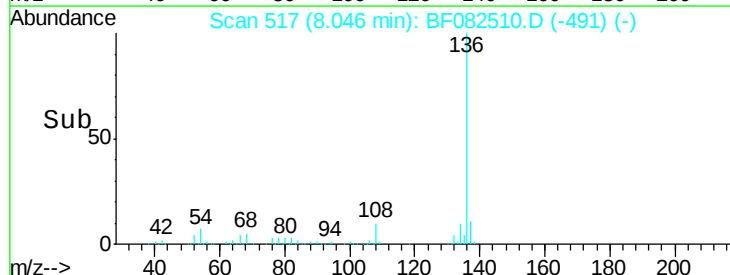
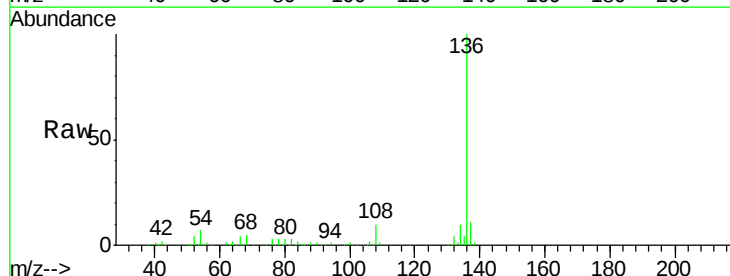
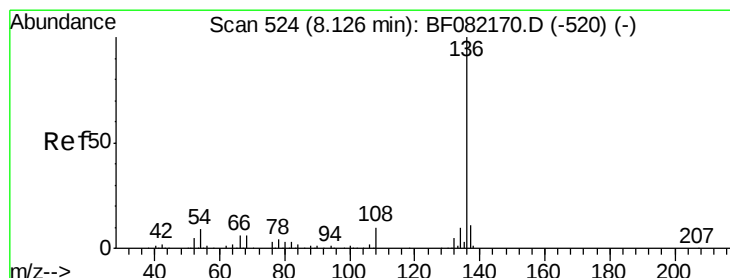
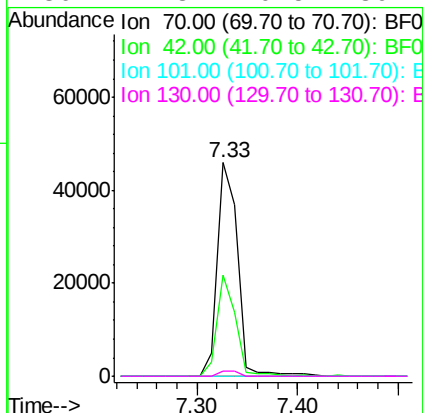




#19
n-Nitroso-di-n-propylamine
Concen: 14.24 ng
RT: 7.33 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF082510.D
Acq: 24 Oct 2015 13:29

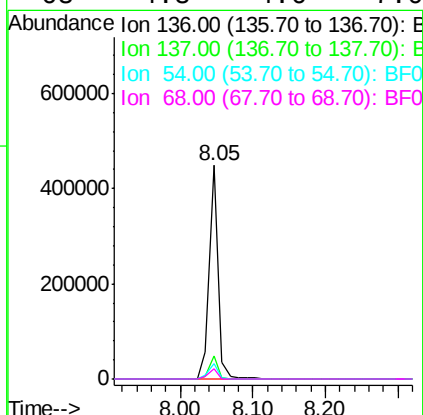
Instrument :
BNA_F
ClientSampleId :
AB-AC-04(0-2)

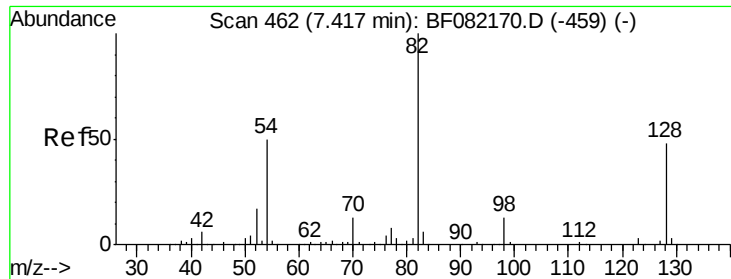
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.2	39.8	59.8
101	0.0	8.6	13.0#
130	2.3	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082510.D
Acq: 24 Oct 2015 13:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.2	7.5	11.3#
68	4.8	4.6	7.0

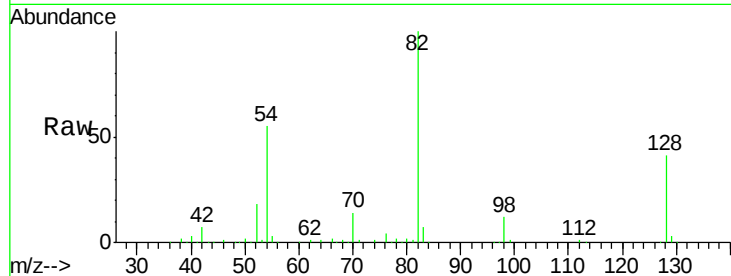




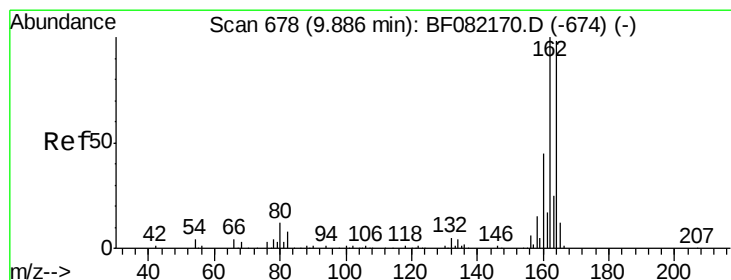
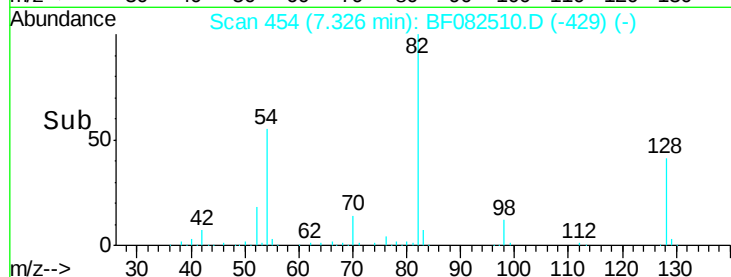
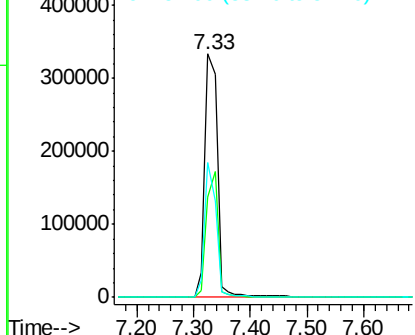
#23
 Nitrobenzene-d5
 Concen: 87.43 ng
 RT: 7.33 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF082510.D
 Acq: 24 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tgt Ion: 82 Resp: 497253
 Ion Ratio Lower Upper
 82 100
 128 41.1 38.7 58.1
 54 55.1 40.1 60.1

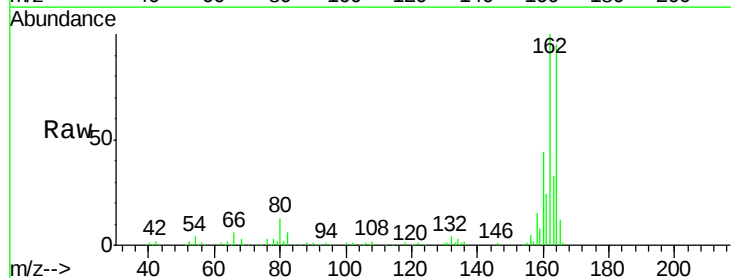


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

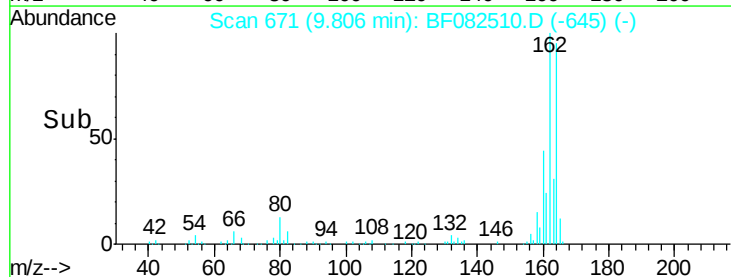
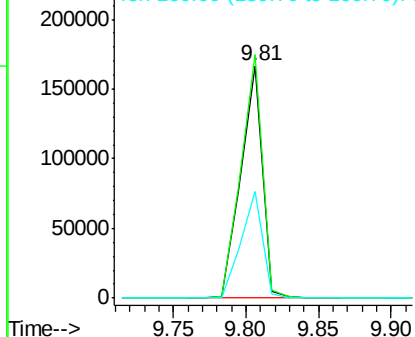


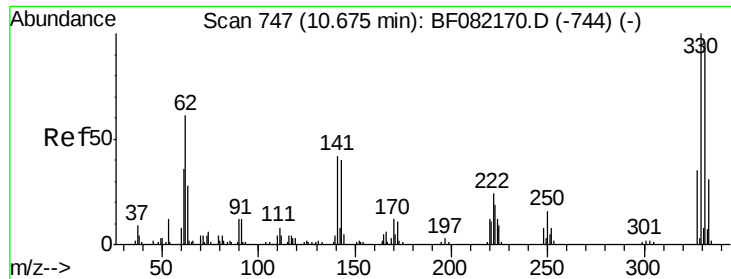
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082510.D
 Acq: 24 Oct 2015 13:29

Tgt Ion: 164 Resp: 171469
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.6 122.4
 160 45.7 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

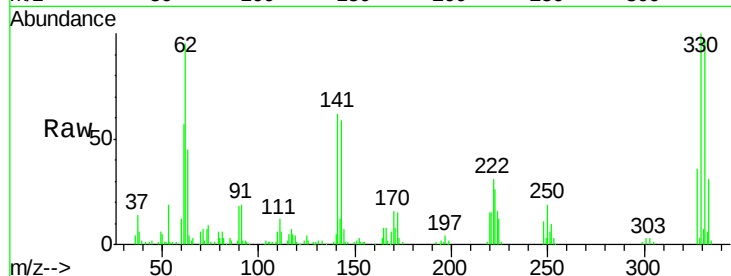




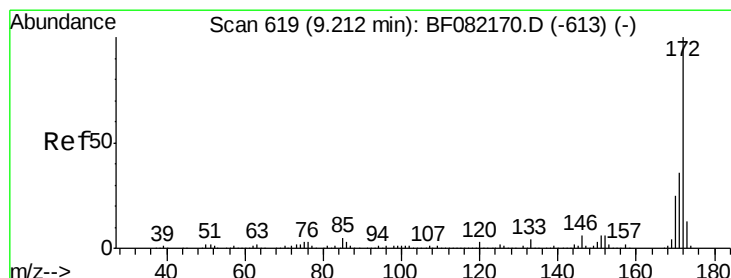
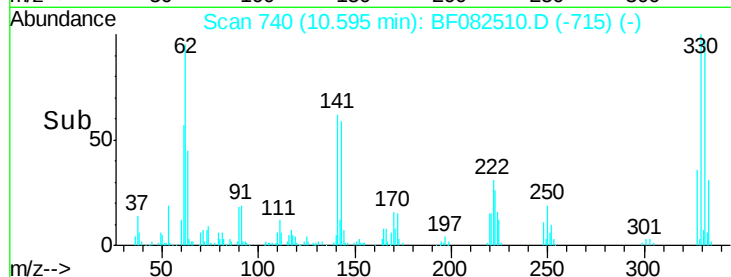
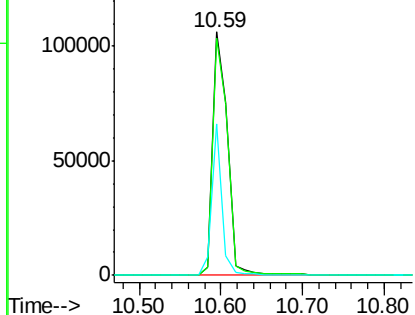
#41
 2,4,6-Tribromophenol
 Concen: 84.05 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082510.D
 Acq: 24 Oct 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-04(0-2)

Tgt Ion:330 Resp: 135154
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 44.5 29.8 44.8

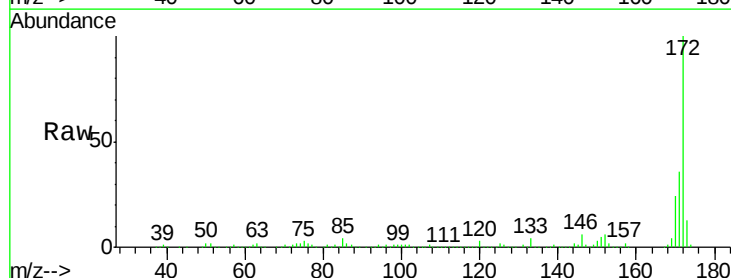


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

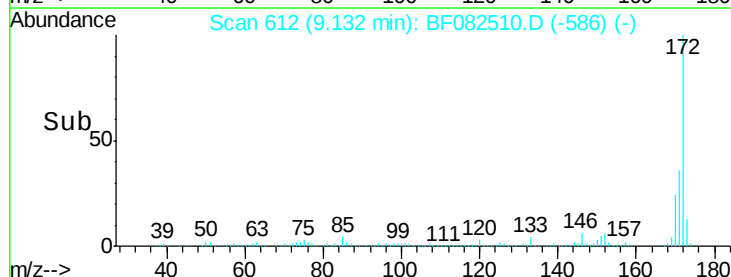
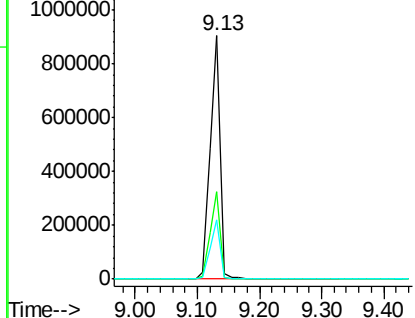


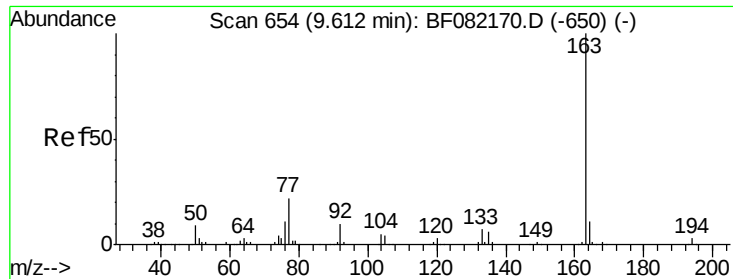
#44
 2-Fluorobiphenyl
 Concen: 97.33 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082510.D
 Acq: 24 Oct 2015 13:29

Tgt Ion:172 Resp: 1006336
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.4 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

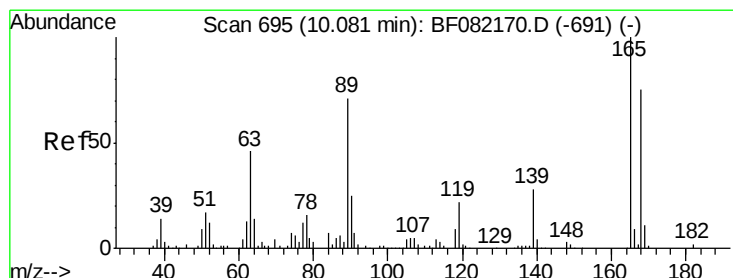
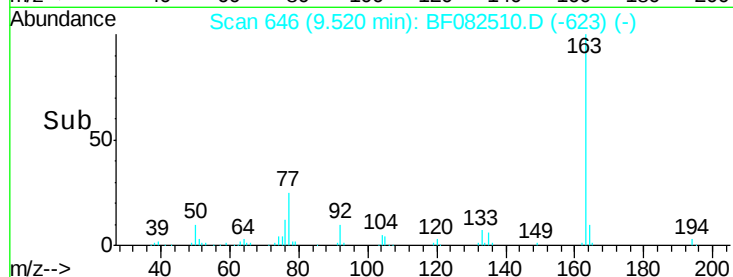
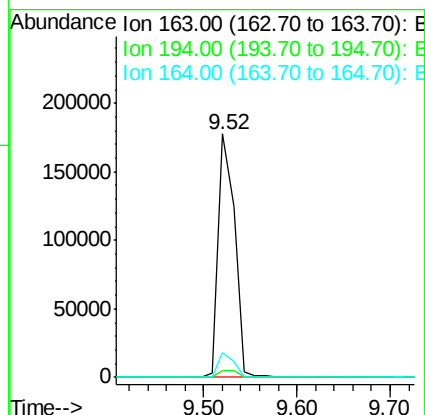
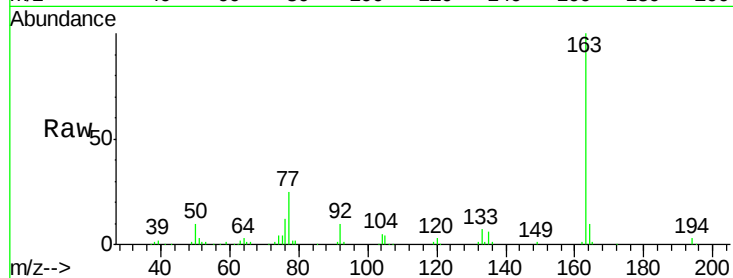




#49
Dimethylphthalate
Concen: 17.85 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082510.D
Acq: 24 Oct 2015 13:29

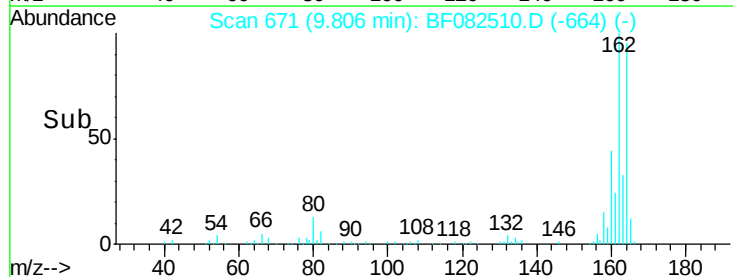
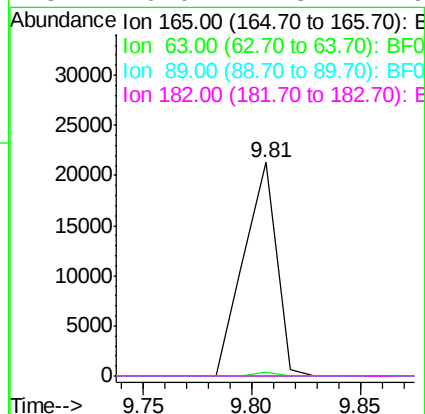
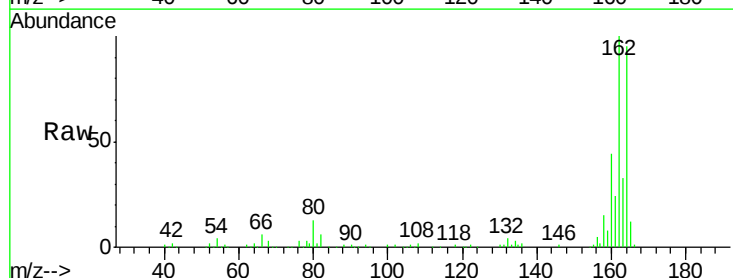
Instrument :
BNA_F
ClientSampleId :
AB-AC-04(0-2)

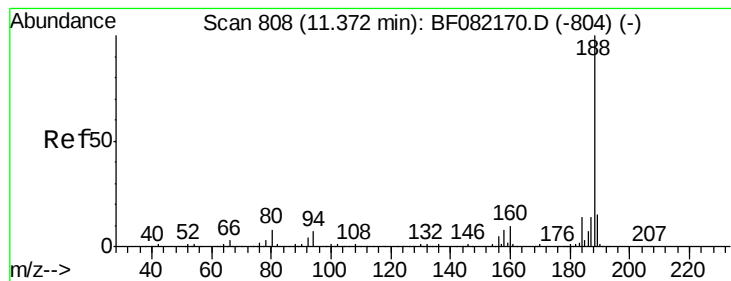
Tgt Ion:163 Resp: 21531
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.0 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF082510.D
Acq: 24 Oct 2015 13:29

Tgt Ion:165 Resp: 22303
Ion Ratio Lower Upper
165 100
63 1.6 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: 11.29 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

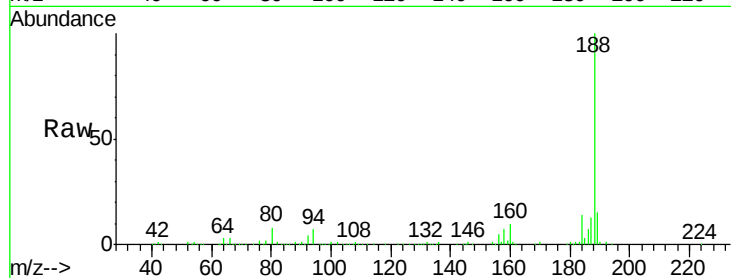
Tgt Ion:188 Resp: 284982

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

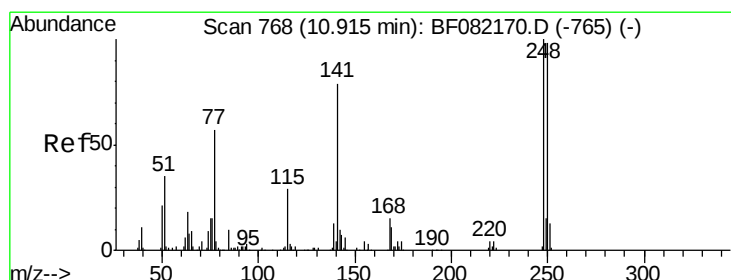
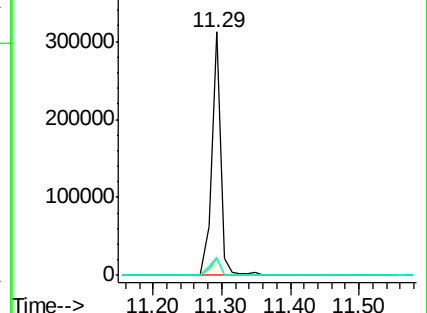
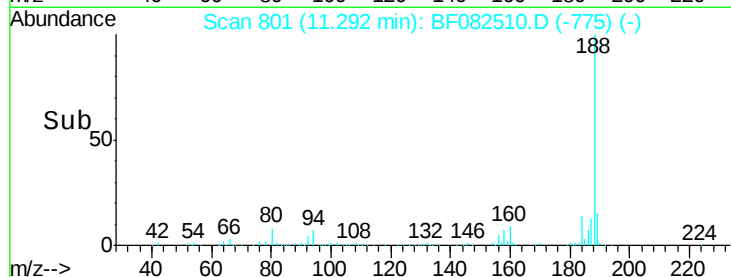
80 7.5 6.4 9.6



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: 3.76 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

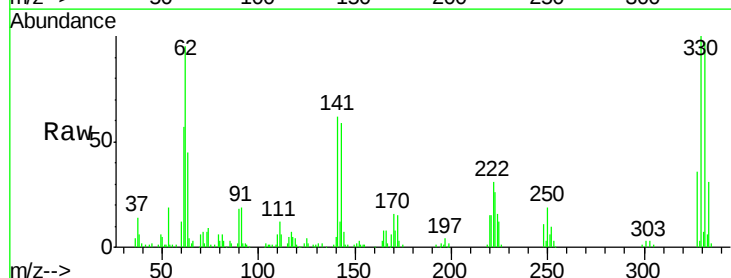
Tgt Ion:248 Resp: 10729

Ion Ratio Lower Upper

248 100

250 182.6 78.6 117.8#

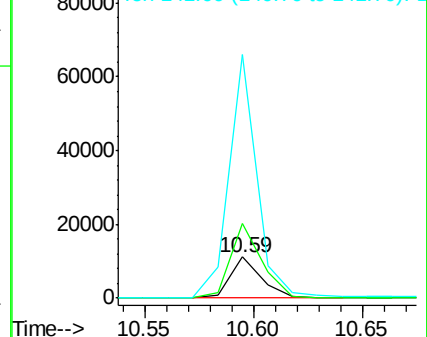
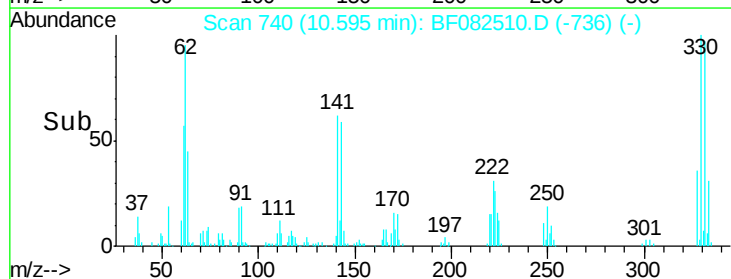
141 590.7 63.3 94.9#

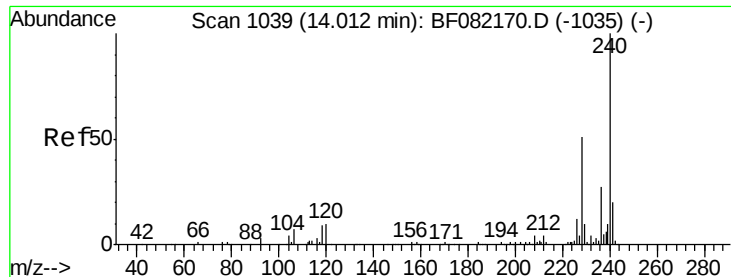


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082510.D

Acq: 24 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

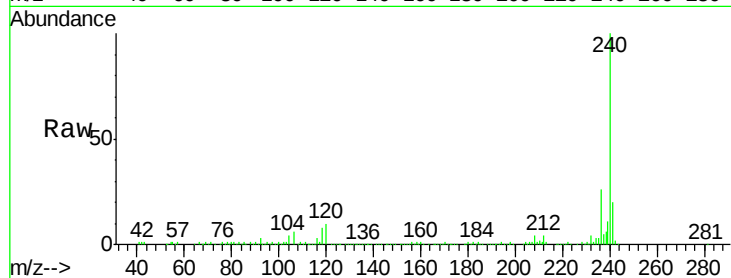
Tgt Ion:240 Resp: 243859

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

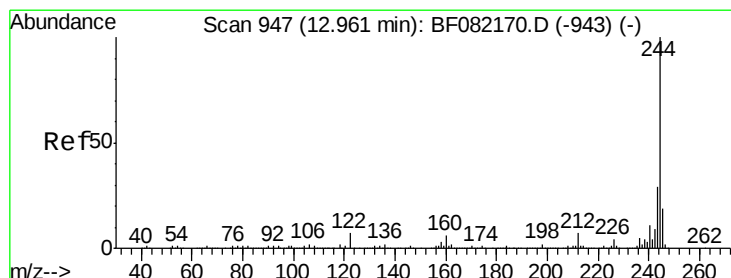
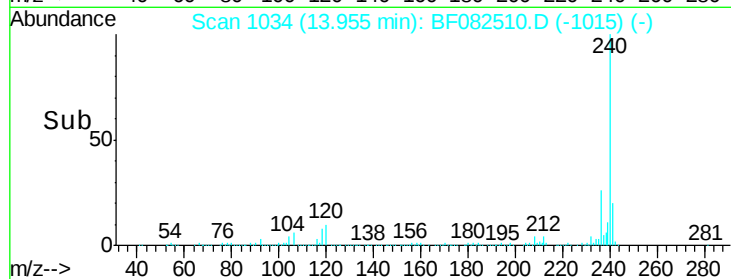
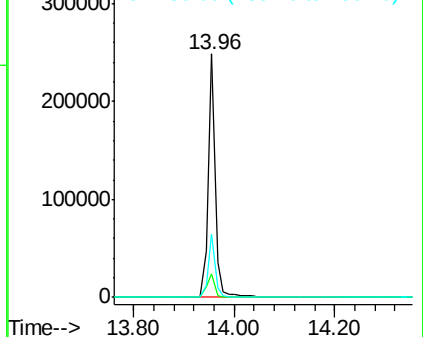
236 25.9 21.3 31.9



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: 66.86 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

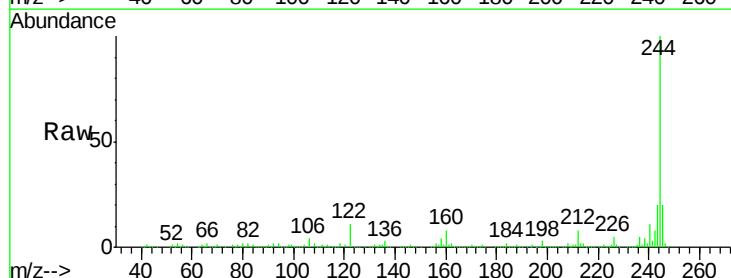
Tgt Ion:244 Resp: 615310

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

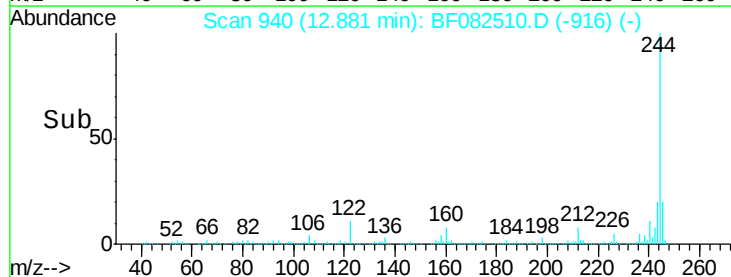
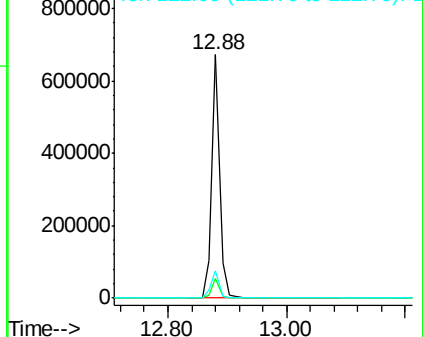
122 11.4 5.9 8.9#

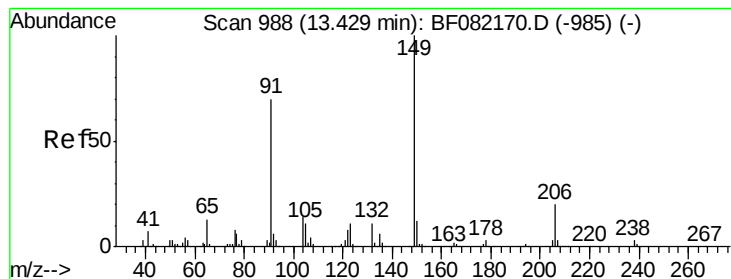


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 21.02 ng

RT: 13.36 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

Instrument :

BNA_F

ClientSampleId :

AB-AC-04(0-2)

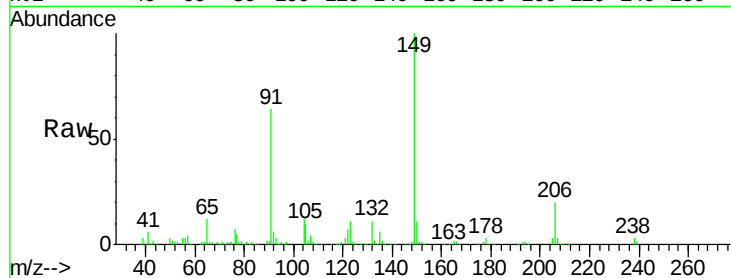
Tgt Ion:149 Resp: 138809

Ion Ratio Lower Upper

149 100

91 63.6 55.7 83.5

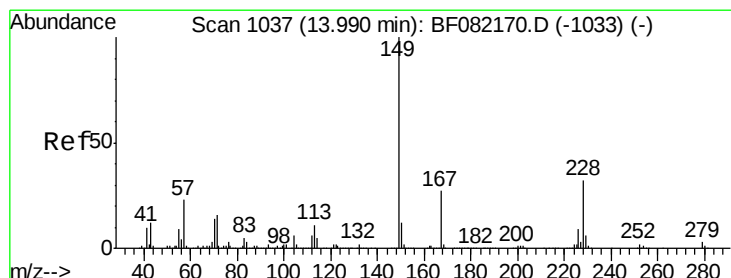
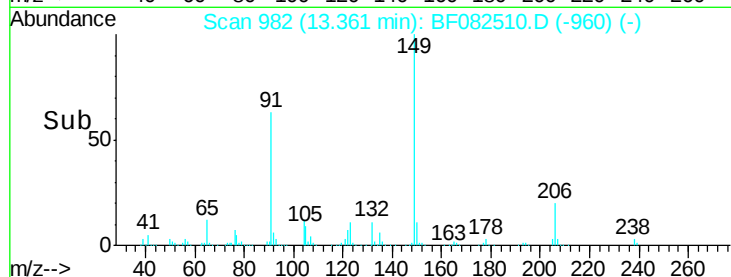
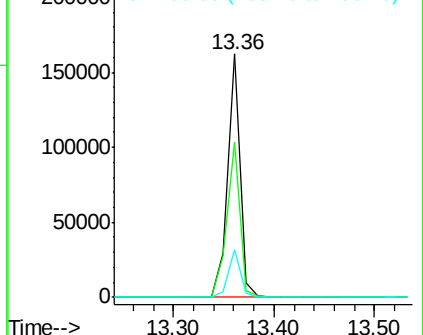
206 19.6 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.44 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF082510.D

Acq: 24 Oct 2015 13:29

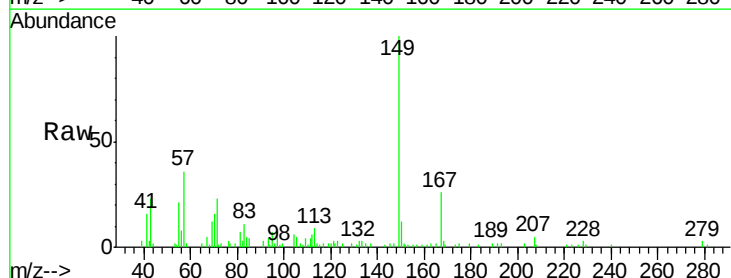
Tgt Ion:149 Resp: 23024

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

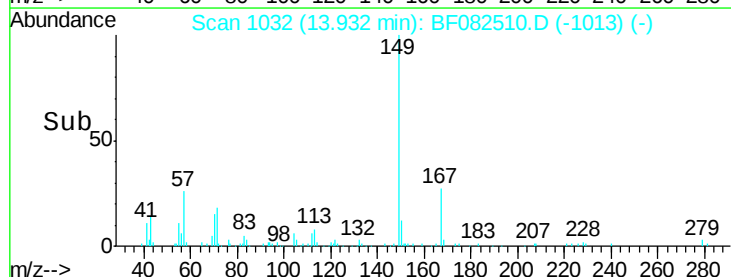
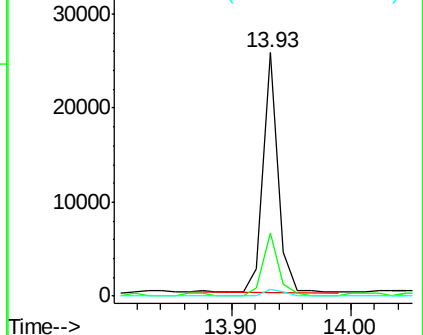
279 2.7 2.6 4.0

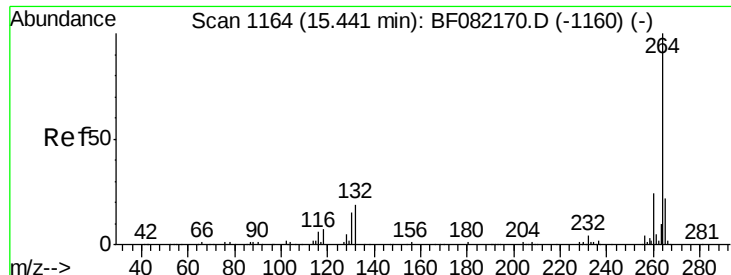


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.18 min
Lab File: BF082510.D
Acq: 24 Oct 2015 13:29

Instrument :
BNA_F
ClientSampleId :
AB-AC-04(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.5	17.3	25.9

