

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082511.D
 Acq On : 24 Oct 2015 13:58
 Operator : UM/IZ
 Sample : G4117-07RE
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Oct 24 23:24:48 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

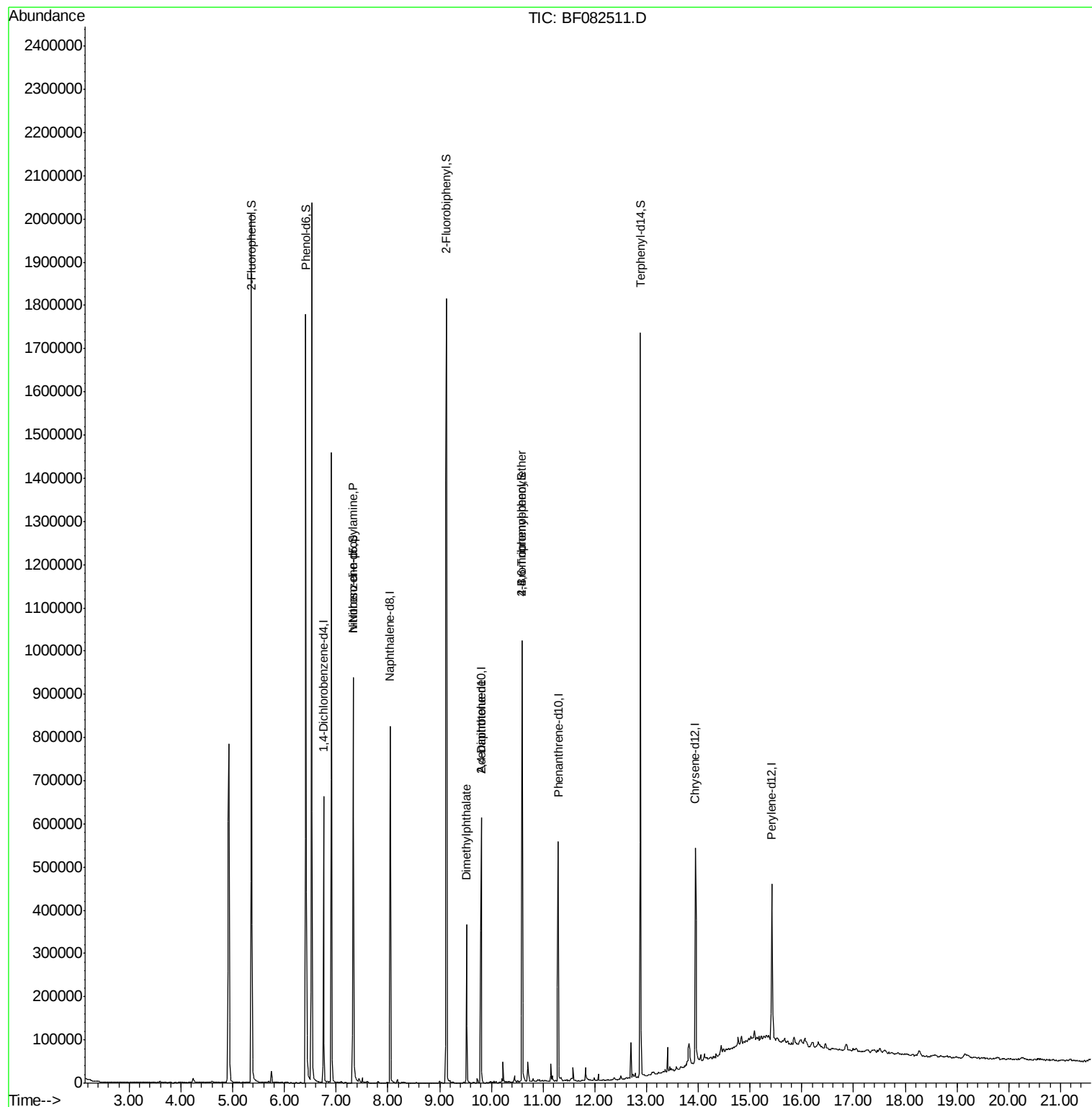
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98574	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	371192	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	153942	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	246712	20.00	ng	0.00
75) Chrysene-d12	13.94	240	236243	20.00	ng	-0.09
86) Perylene-d12	15.42	264	196660	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	583124	119.39	ng	0.01
7) Phenol-d6	6.41	99	756032	118.95	ng	-0.01
23) Nitrobenzene-d5	7.33	82	431352	78.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	107374	74.37	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	841014	90.60	ng	0.00
78) Terphenyl-d14	12.88	244	566838	63.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	54182	12.14	ng	# 81
49) Dimethylphthalate	9.52	163	167611	15.46	ng	100
56) 2,4-Dinitrotoluene	9.81	165	18773	6.57	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	8271	3.35	ng	# 1

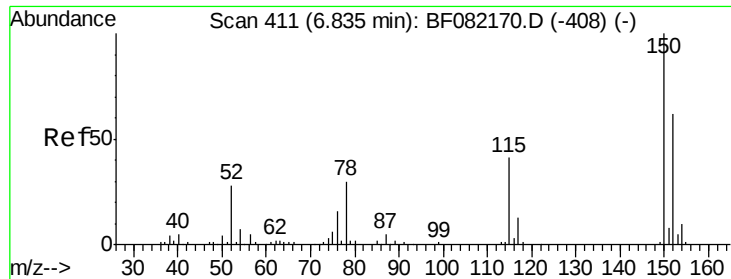
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

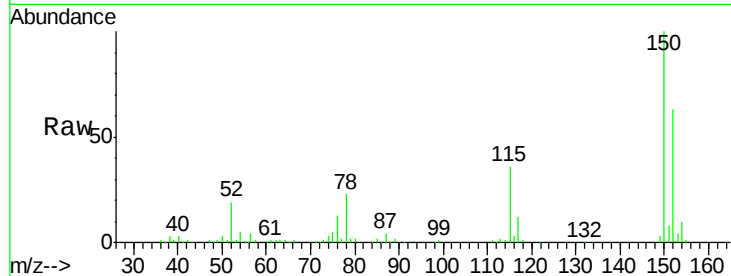
Tgt Ion:152 Resp: 98574

Ion Ratio Lower Upper

152 100

150 159.2 129.0 193.4

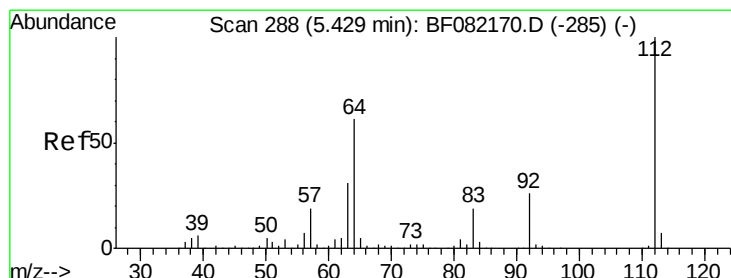
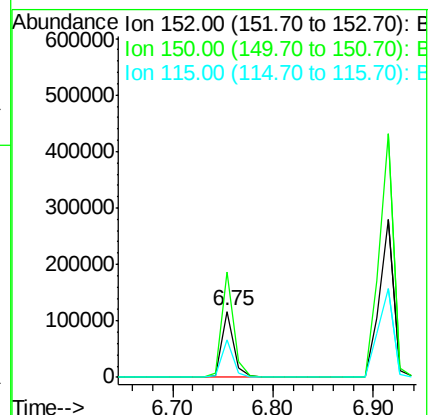
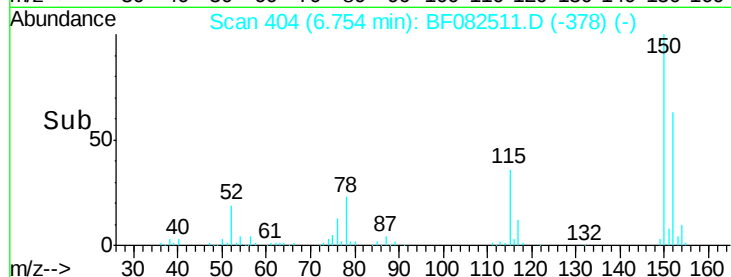
115 56.9 52.1 78.1



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: 119.39 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

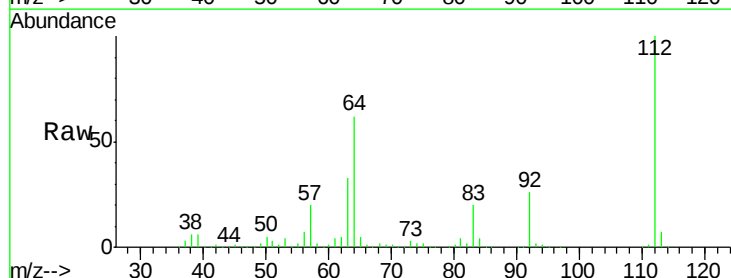
Tgt Ion:112 Resp: 583124

Ion Ratio Lower Upper

112 100

64 62.5 48.6 73.0

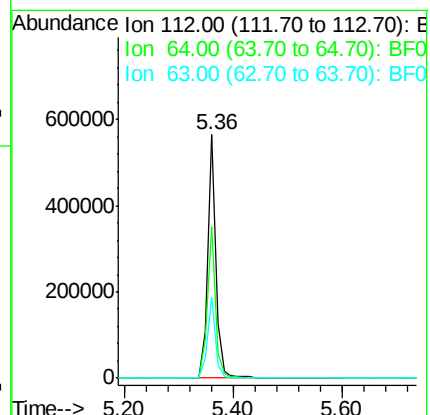
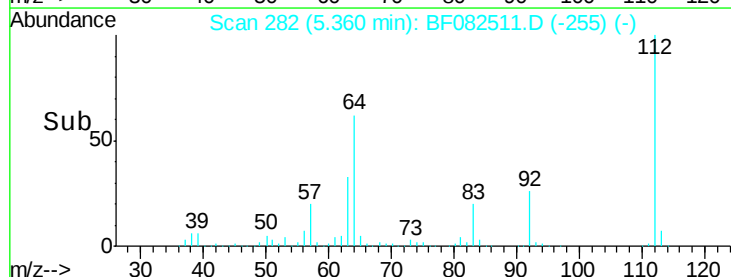
63 33.3 25.1 37.7

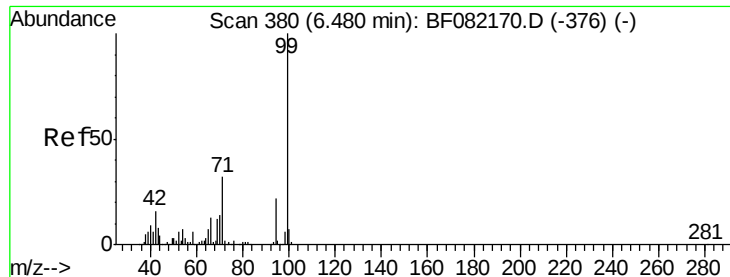


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.95 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

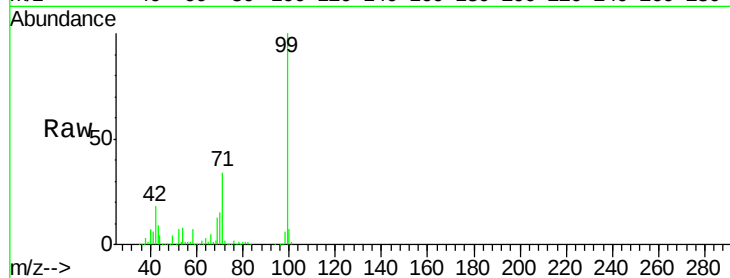
Tgt Ion: 99 Resp: 756032

Ion Ratio Lower Upper

99 100

42 18.0 13.2 19.8

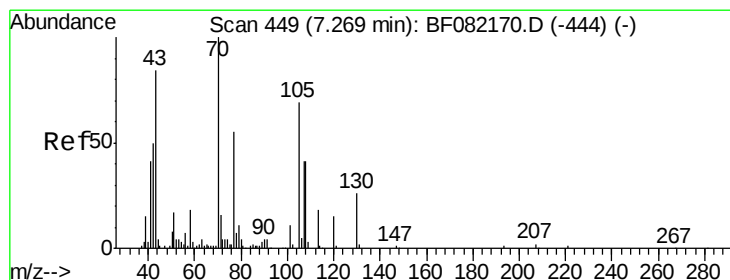
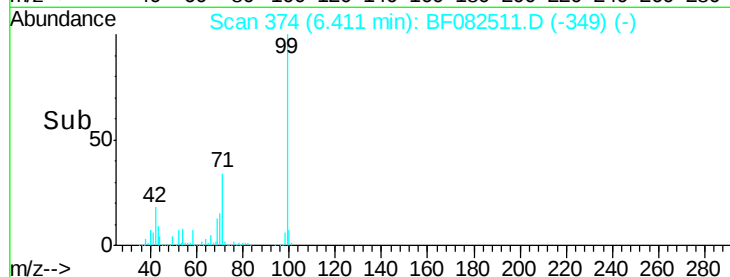
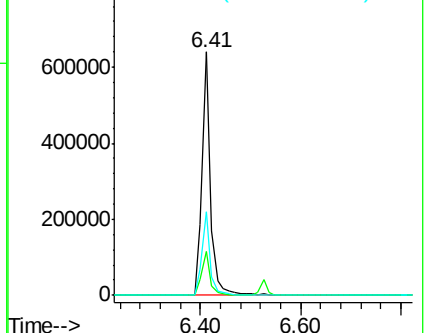
71 34.3 25.6 38.4



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: 12.14 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Tgt Ion: 70 Resp: 54182

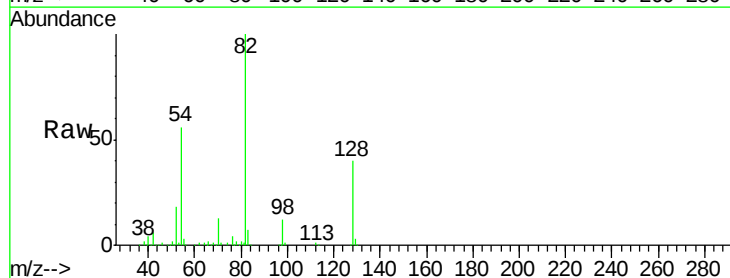
Ion Ratio Lower Upper

70 100

42 47.5 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 20.5 30.7#

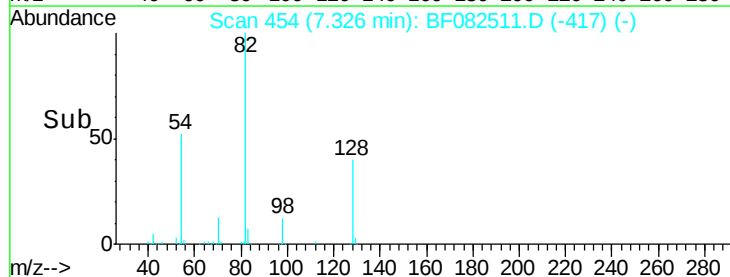
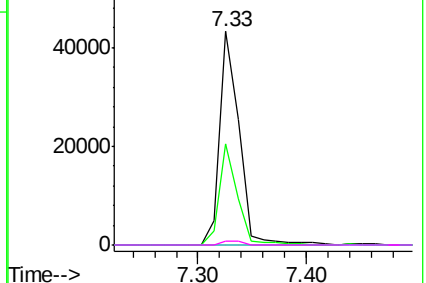


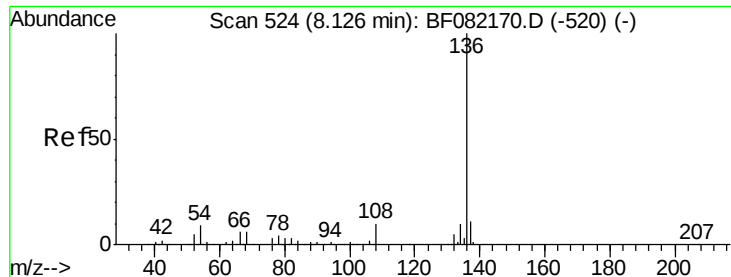
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

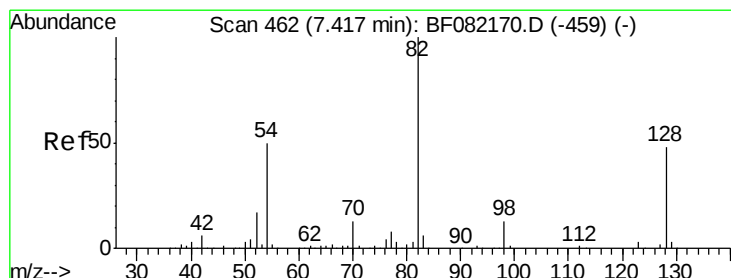
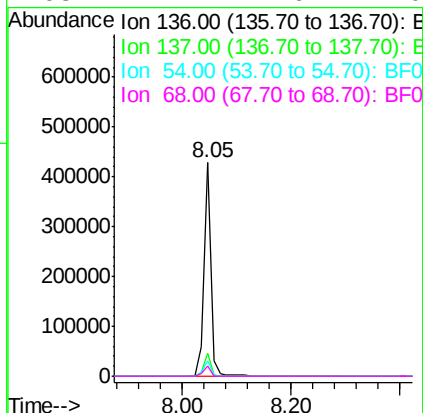
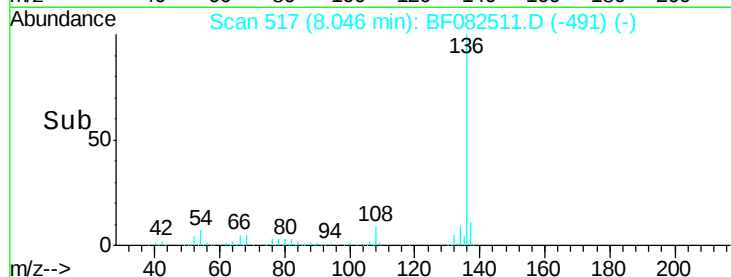
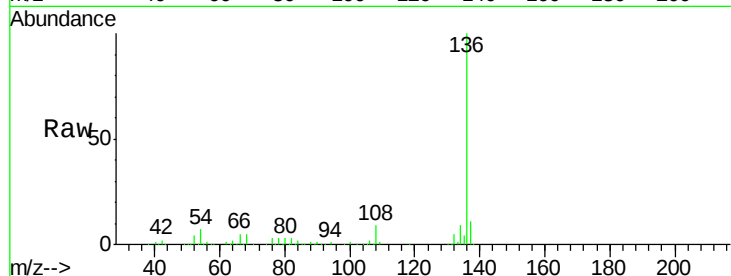




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082511.D
Acq: 24 Oct 2015 13:58

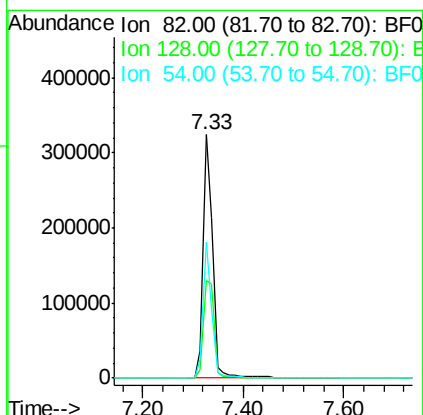
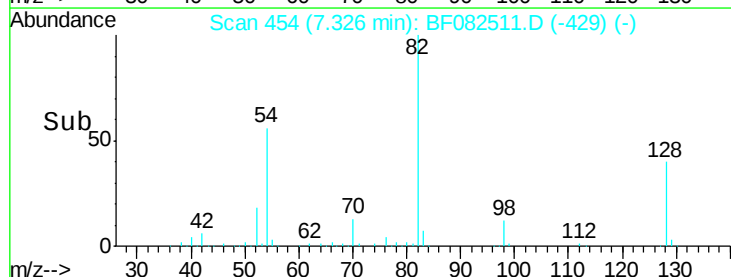
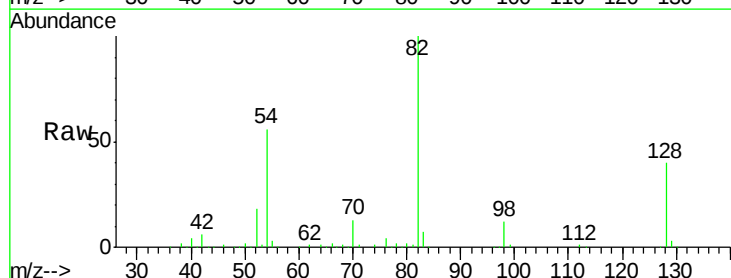
Instrument :
BNA_F
ClientSampleId :
AB-AC-06(0-2)

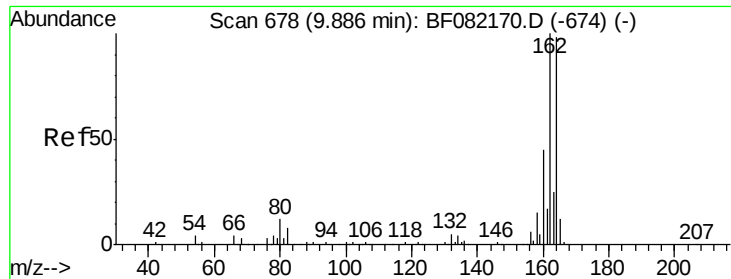
Tgt Ion:	136	Resp:	371192
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	7.5	11.3#
68	4.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 78.04 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082511.D
Acq: 24 Oct 2015 13:58

Tgt Ion:	82	Resp:	431352
Ion	Ratio	Lower	Upper
82	100		
128	40.0	38.7	58.1
54	55.9	40.1	60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

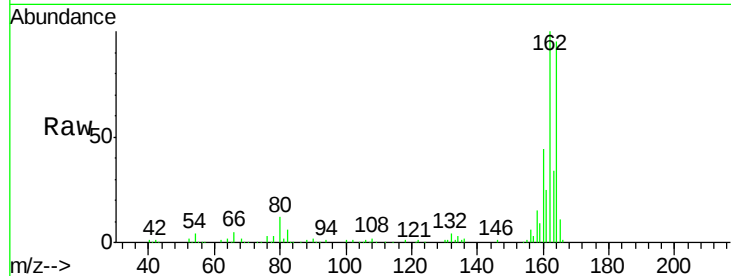
Tgt Ion:164 Resp: 153942

Ion Ratio Lower Upper

164 100

162 105.4 81.6 122.4

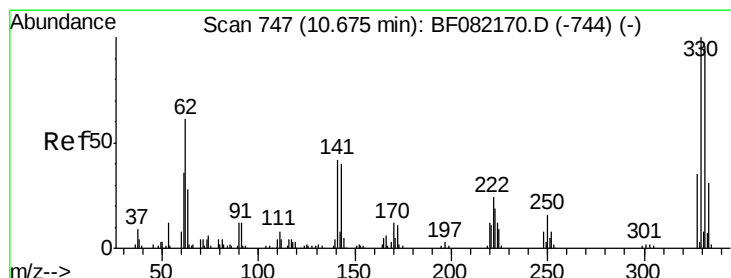
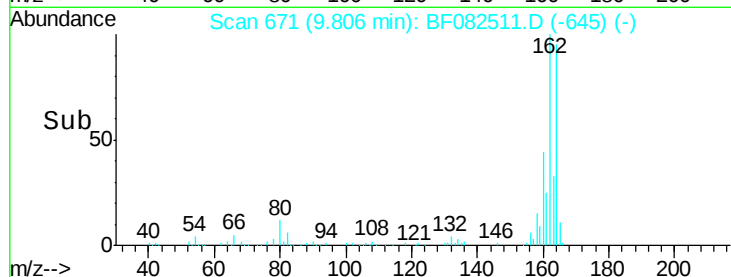
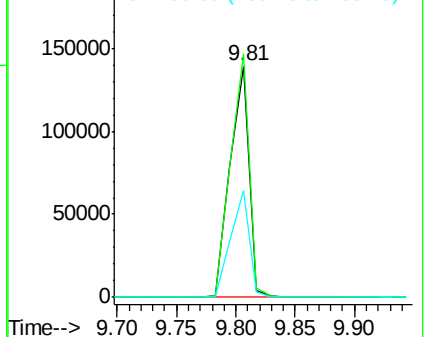
160 46.3 36.4 54.6



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: 74.37 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

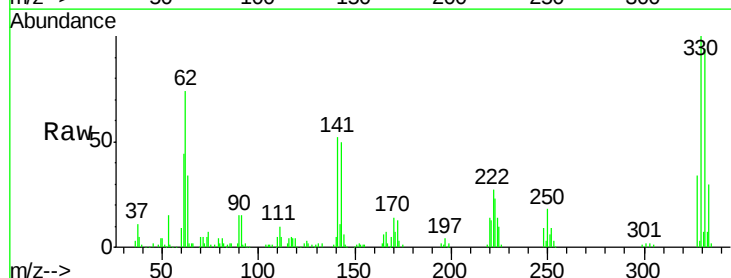
Tgt Ion:330 Resp: 107374

Ion Ratio Lower Upper

330 100

332 95.0 77.1 115.7

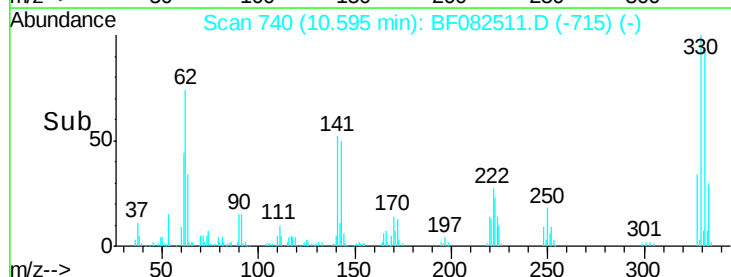
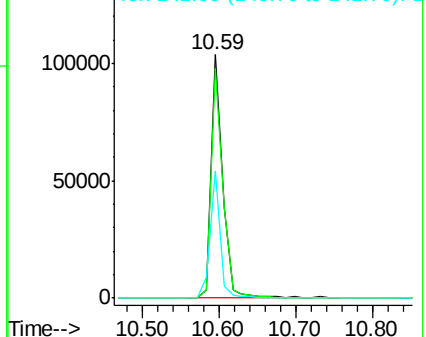
141 45.8 29.8 44.8#

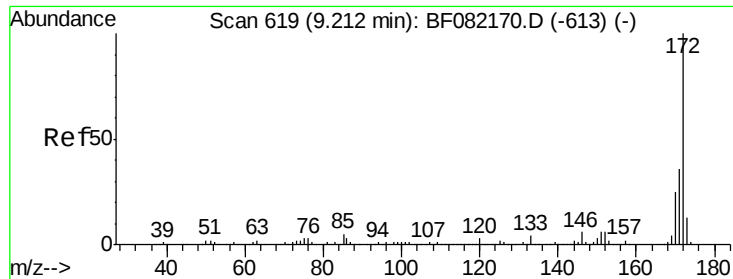


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

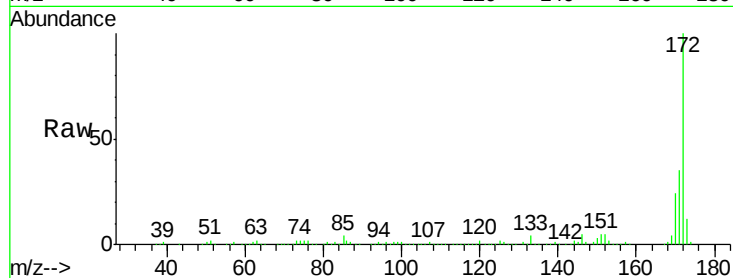




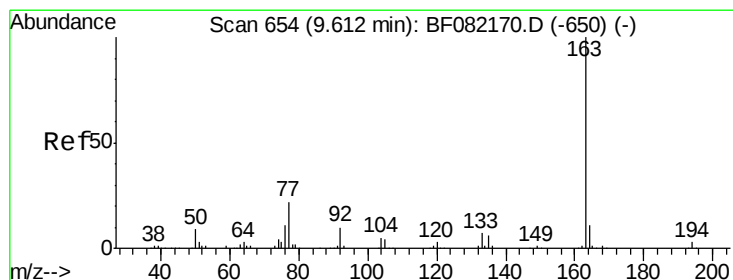
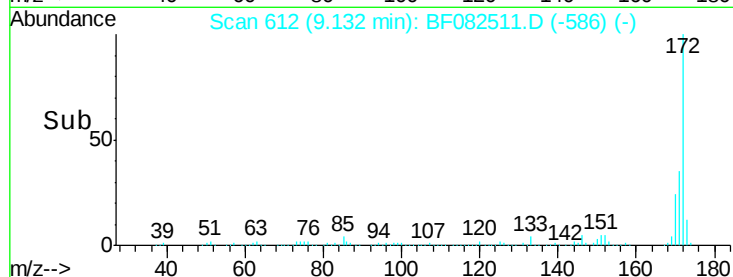
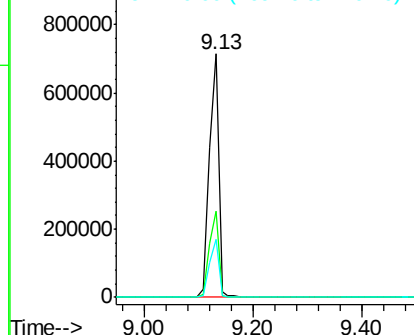
#44
2-Fluorobiphenyl
Concen: 90.60 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF082511.D
Acq: 24 Oct 2015 13:58

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

Tgt Ion:172 Resp: 841014
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.9 19.7 29.5

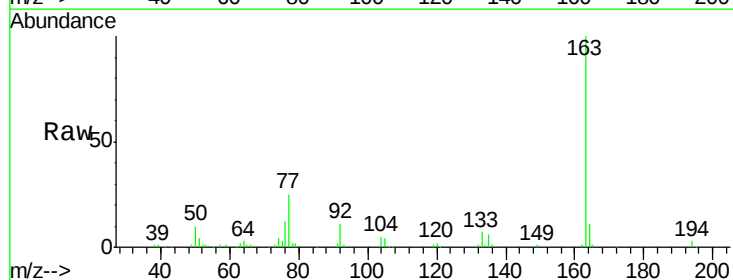


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

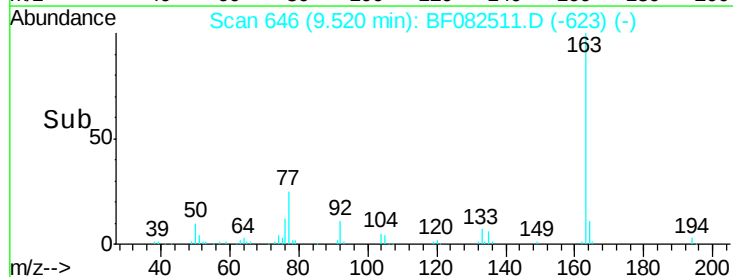
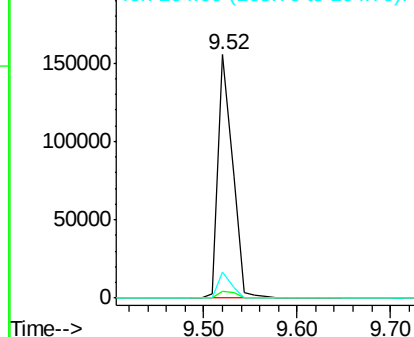


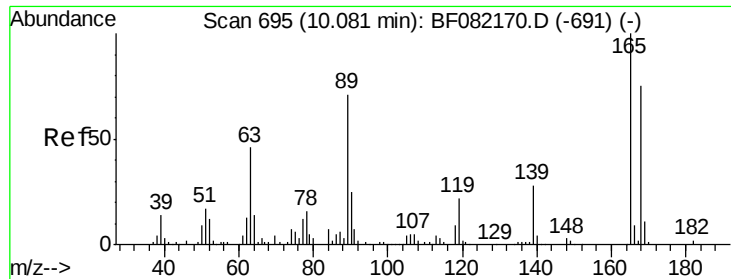
#49
Dimethylphthalate
Concen: 15.46 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082511.D
Acq: 24 Oct 2015 13:58

Tgt Ion:163 Resp: 167611
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.7 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

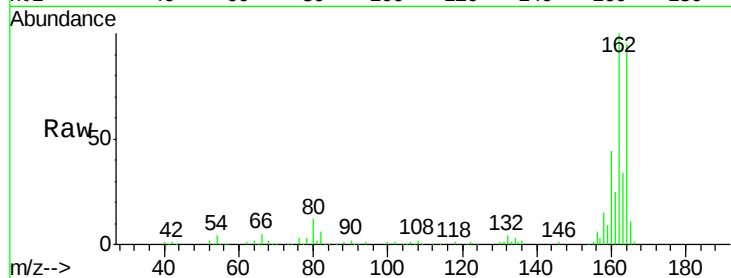




#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

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

Tgt Ion:	165	Resp:	18773
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#

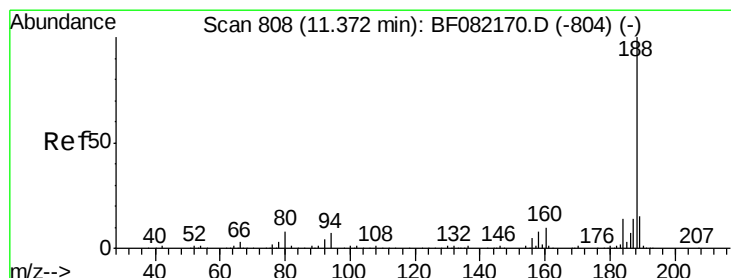
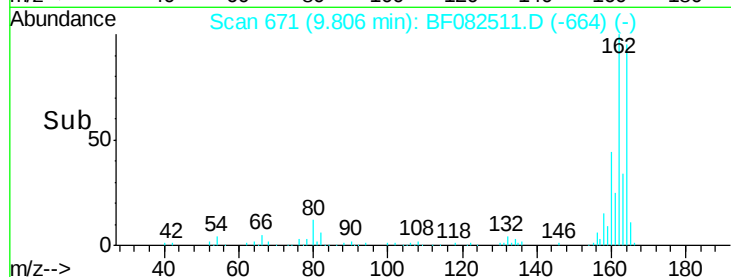
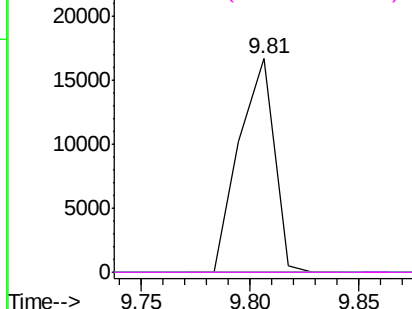


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

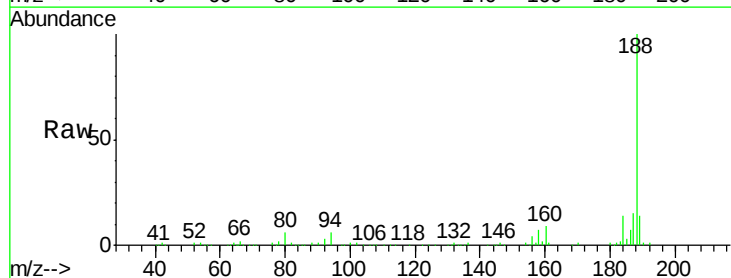
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

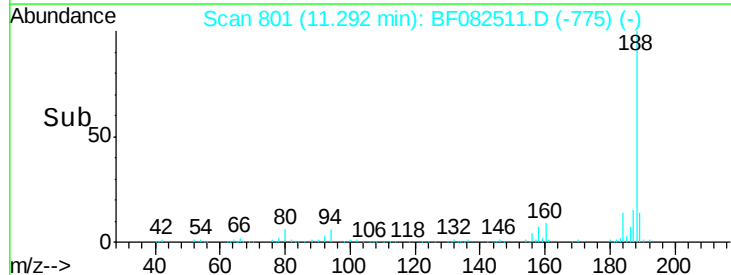
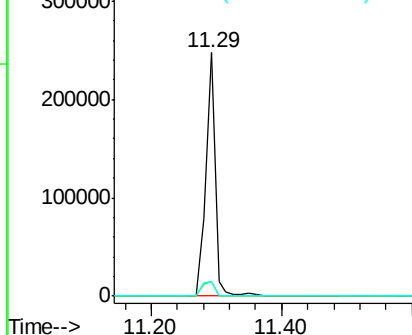
Tgt Ion:	188	Resp:	246712
Ion Ratio	Lower	Upper	
188	100		
94	5.7	5.8	8.6#
80	6.2	6.4	9.6#

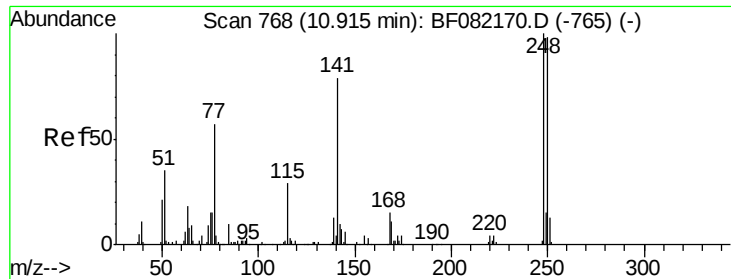


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

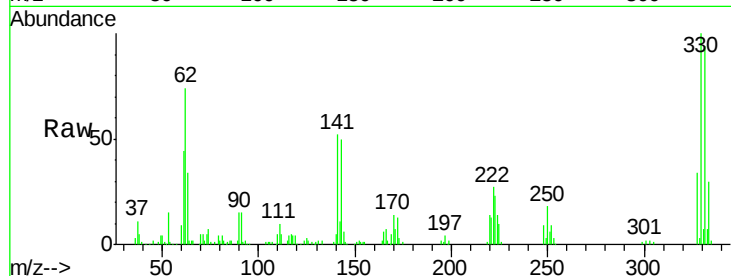




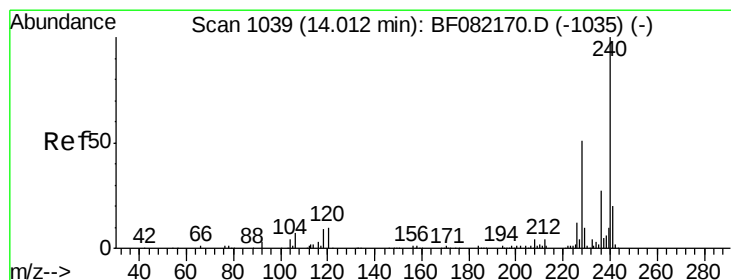
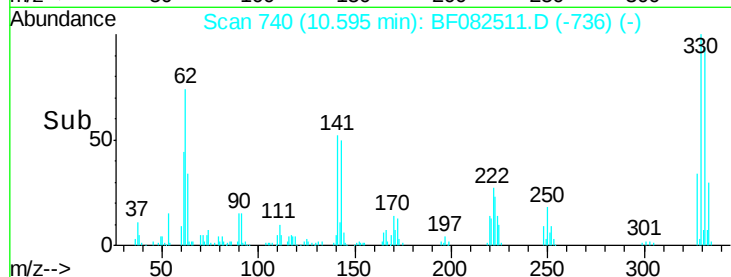
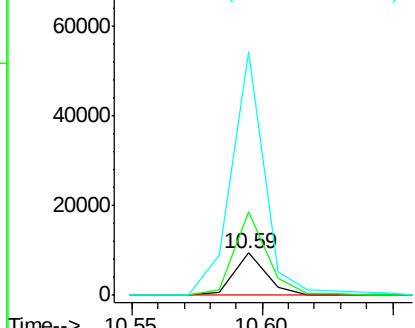
#66
 4-Bromophenyl-phenylether
 Concen: 3.35 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

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

Tgt Ion:248 Resp: 8271
 Ion Ratio Lower Upper
 248 100
 250 195.8 78.6 117.8#
 141 573.3 63.3 94.9#

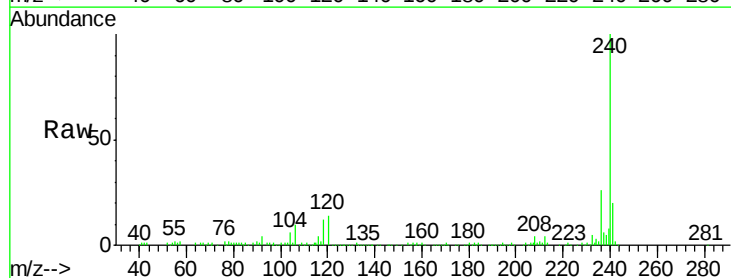


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

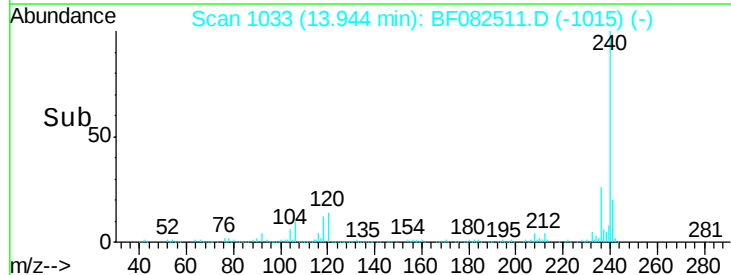
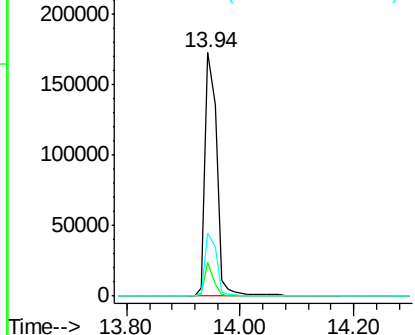


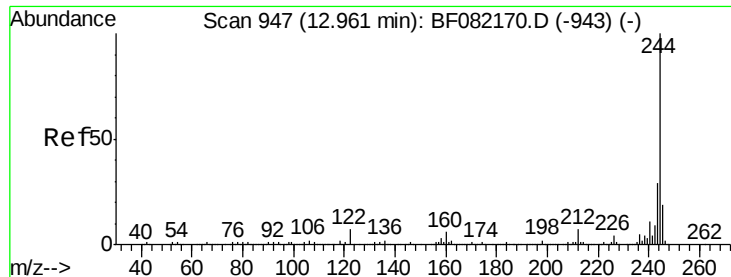
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.09 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

Tgt Ion:240 Resp: 236243
 Ion Ratio Lower Upper
 240 100
 120 13.9 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

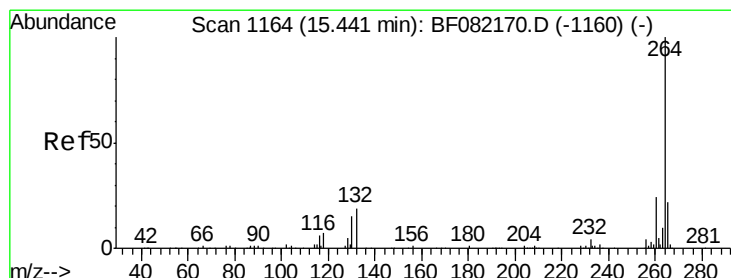
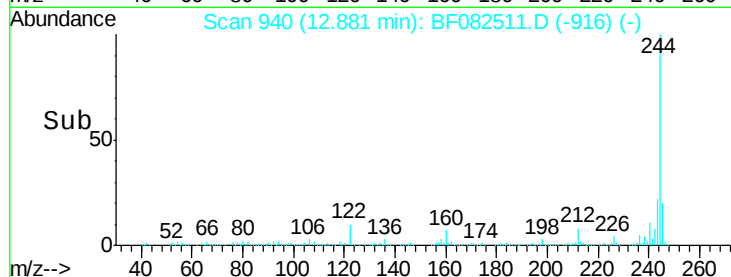
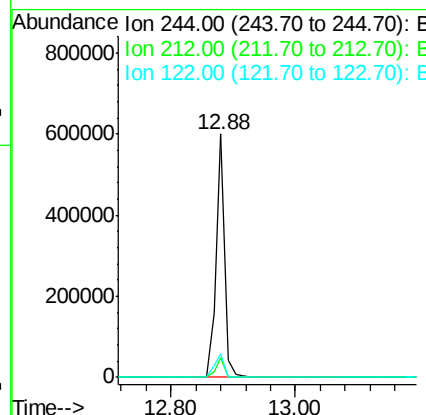
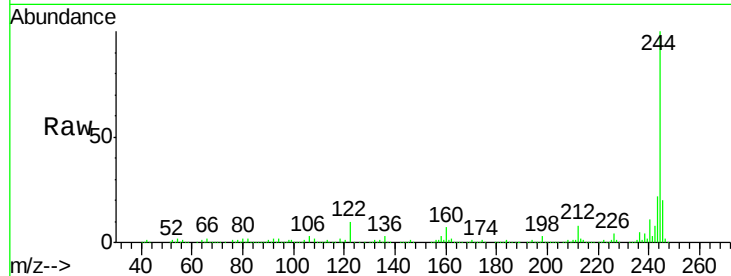




#78
 Terphenyl-d14
 Concen: 63.58 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.6
122	9.5	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1162
 Delta R.T. -0.21 min
 Lab File: BF082511.D
 Acq: 24 Oct 2015 13:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.1	17.3	25.9

