

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082504.D
 Acq On : 24 Oct 2015 10:36
 Operator : UM/IZ
 Sample : G4116-19RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Quant Time: Oct 24 23:21:46 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

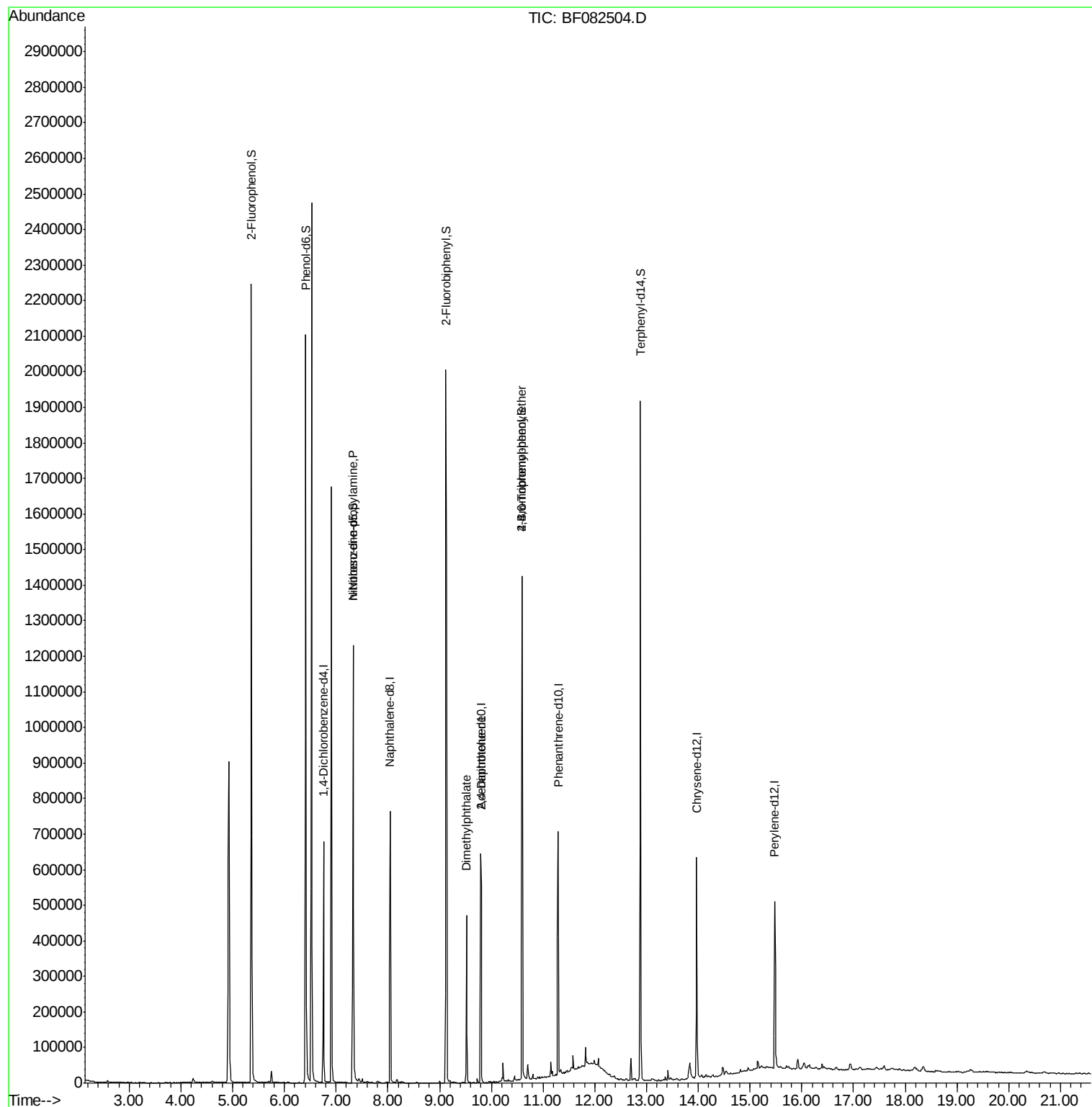
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108027	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	409182	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	186432	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	331575	20.00	ng	0.00
75) Chrysene-d12	13.97	240	246860	20.00	ng	-0.07
86) Perylene-d12	15.48	264	229970	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	662791	123.83	ng	0.01
7) Phenol-d6	6.41	99	834532	119.81	ng	-0.01
23) Nitrobenzene-d5	7.33	82	508671	83.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	154709	88.49	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	949893	84.50	ng	-0.01
78) Terphenyl-d14	12.88	244	641809	68.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	66495	13.59	ng	# 80
49) Dimethylphthalate	9.52	163	211620	16.12	ng	100
56) 2,4-Dinitrotoluene	9.79	165	23793	6.87	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	12816	3.86	ng	# 1

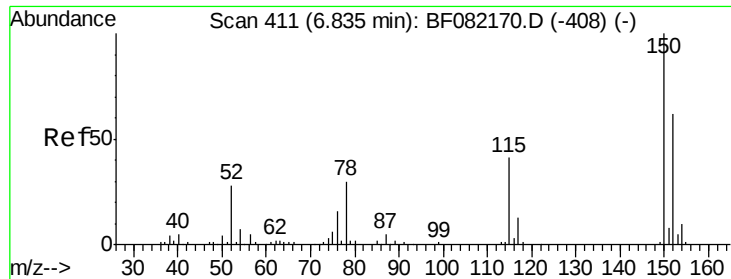
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082504.D
Acq On : 24 Oct 2015 10:36
Operator : UM/IZ
Sample : G4116-19RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

Quant Time: Oct 24 23:21:46 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



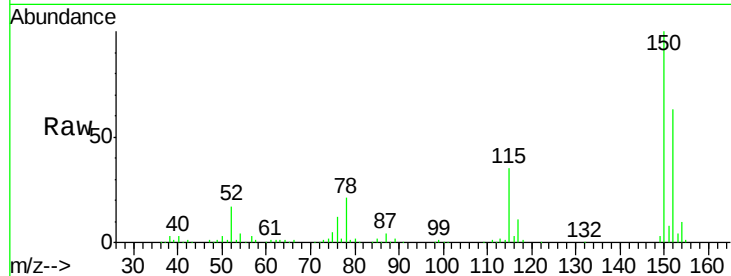


#1

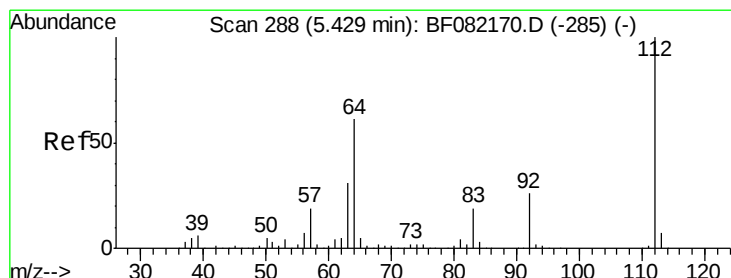
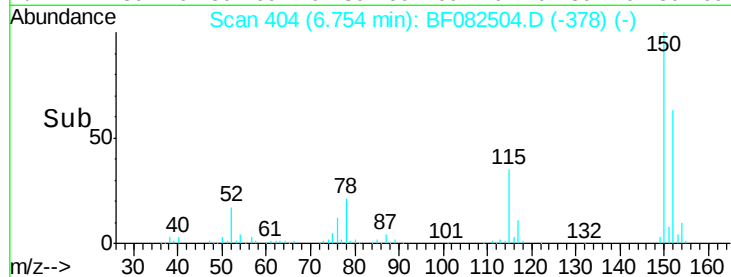
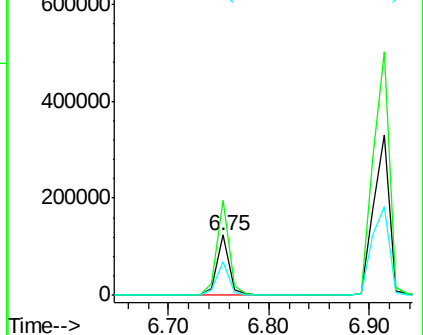
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tgt Ion:152 Resp: 108027
 Ion Ratio Lower Upper
 152 100
 150 159.2 129.0 193.4
 115 55.6 52.1 78.1



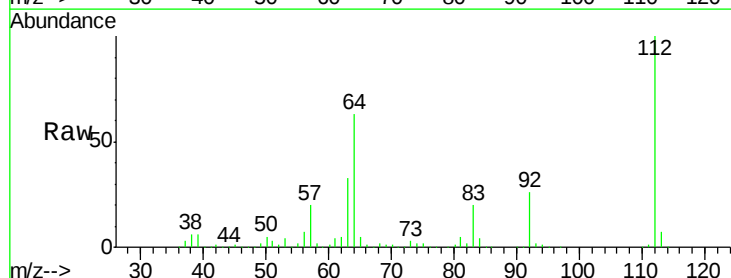
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



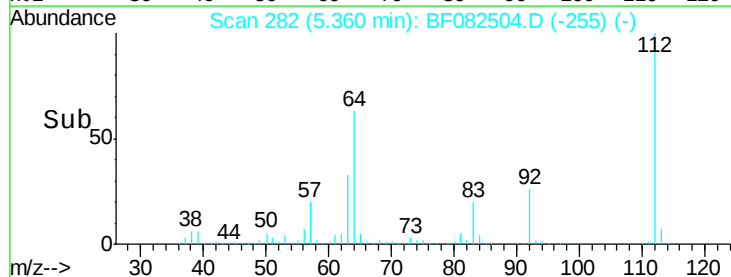
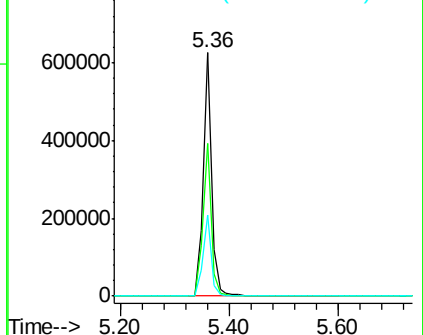
#5

2-Fluorophenol
 Concen: 123.83 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Tgt Ion:112 Resp: 662791
 Ion Ratio Lower Upper
 112 100
 64 62.6 48.6 73.0
 63 33.5 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: 119.81 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082504.D

Acq: 24 Oct 2015 10:36

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

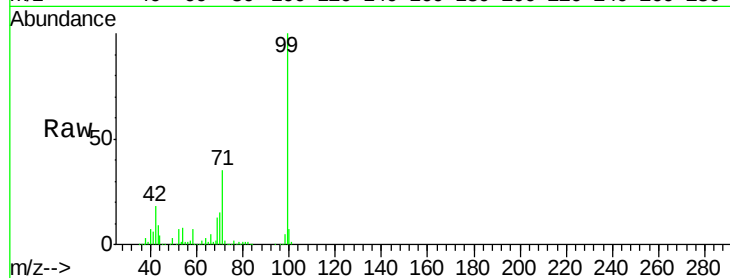
Tgt Ion: 99 Resp: 834532

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

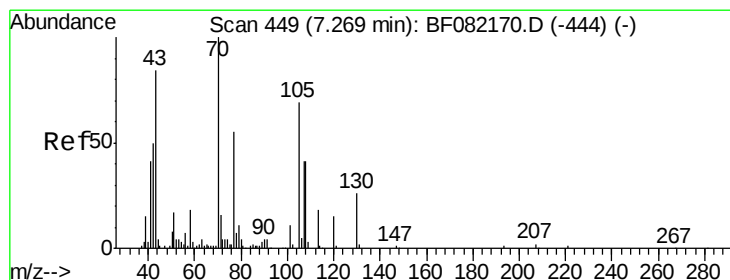
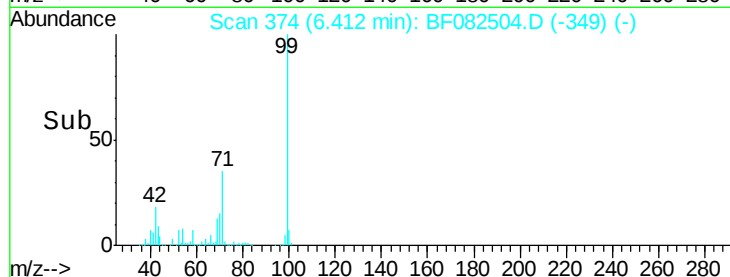
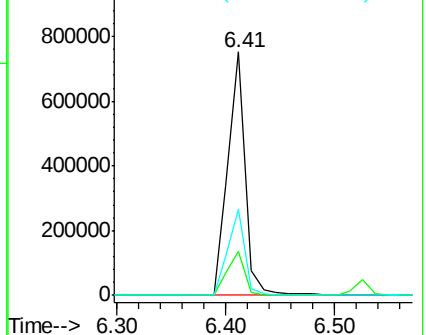
71 35.4 25.6 38.4



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: 13.59 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF082504.D

Acq: 24 Oct 2015 10:36

Tgt Ion: 70 Resp: 66495

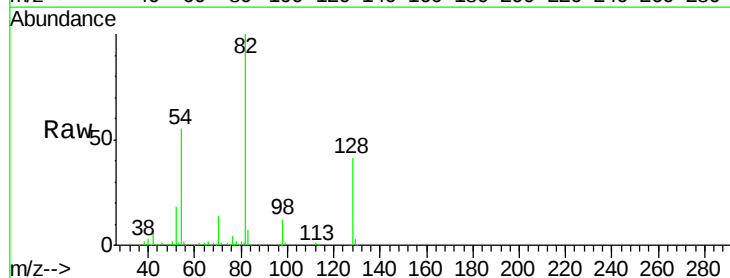
Ion Ratio Lower Upper

70 100

42 47.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#

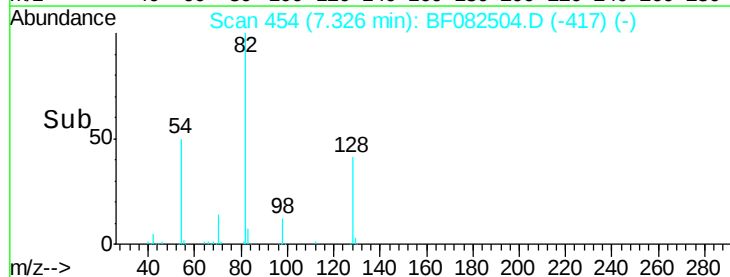
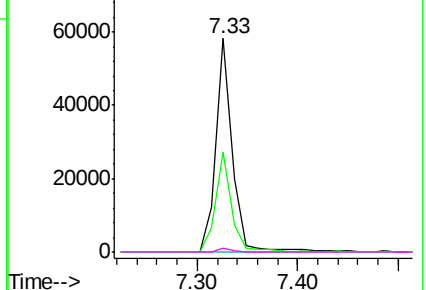


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

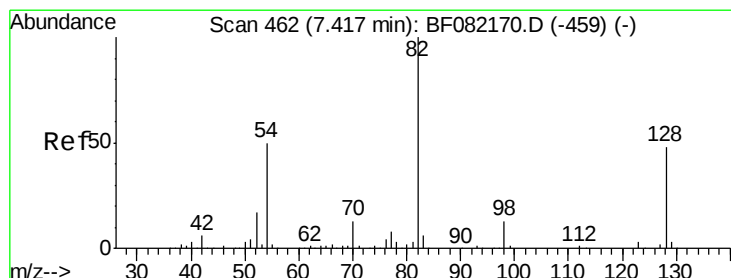
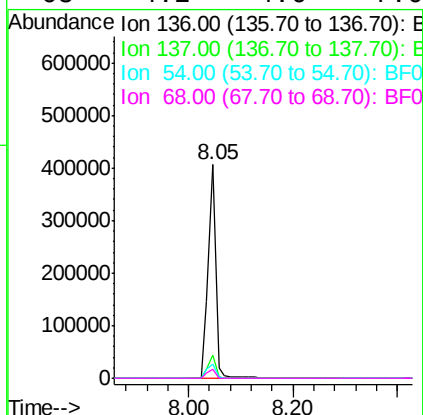
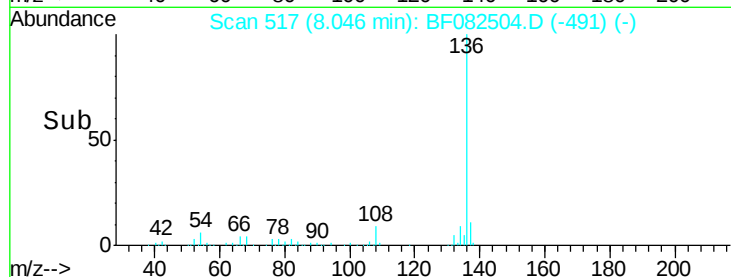
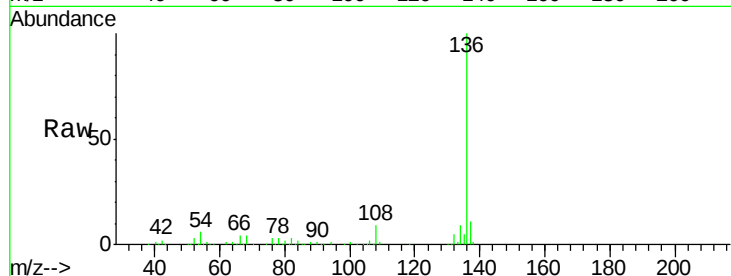




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082504.D
Acq: 24 Oct 2015 10:36

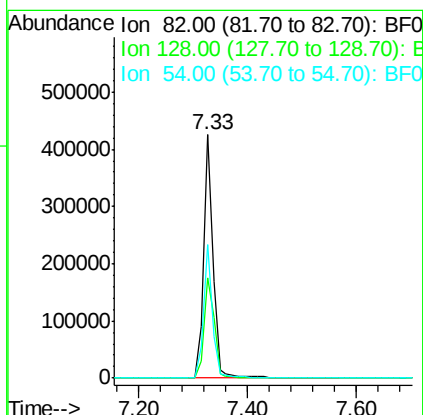
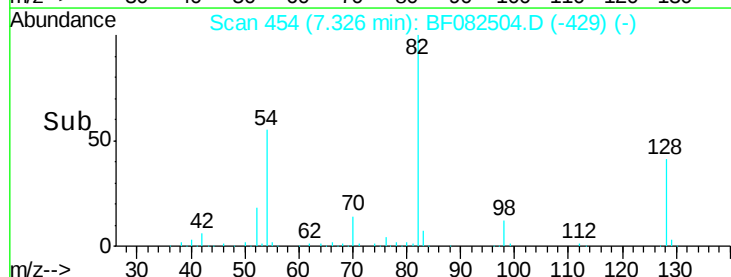
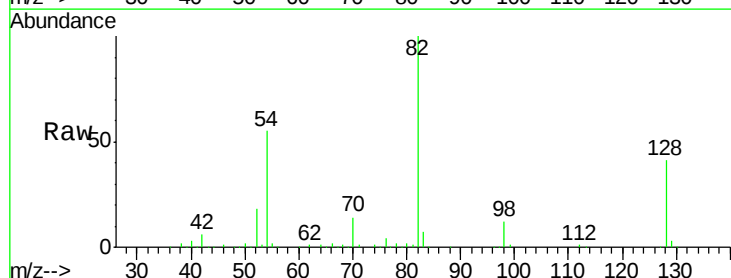
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

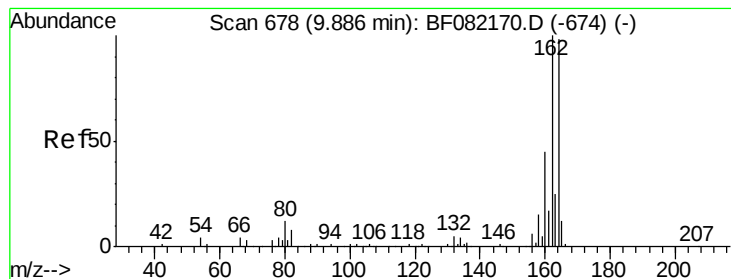
Tgt Ion:	136	Resp:	409182
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.5	7.5	11.3#
68	4.2	4.6	7.0#



#23
Nitrobenzene-d5
Concen: 83.48 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082504.D
Acq: 24 Oct 2015 10:36

Tgt Ion:	82	Resp:	508671
Ion	Ratio	Lower	Upper
82	100		
128	41.4	38.7	58.1
54	54.6	40.1	60.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082504.D

Acq: 24 Oct 2015 10:36

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

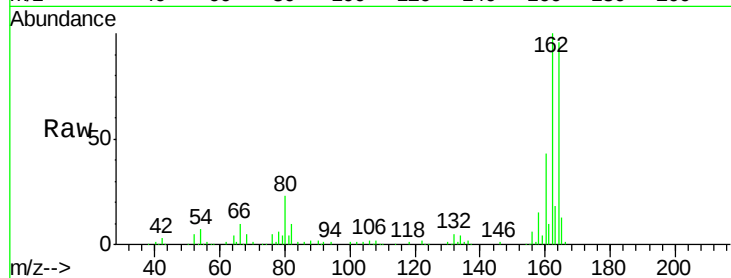
Tgt Ion:164 Resp: 186432

Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

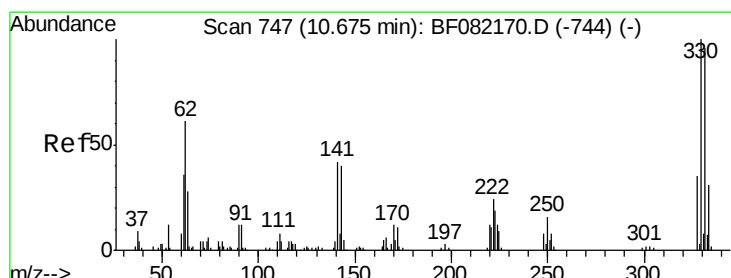
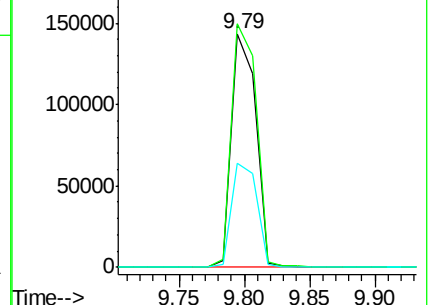
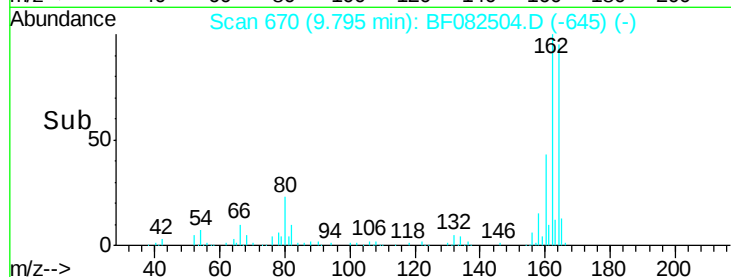
160 44.6 36.4 54.6



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: 88.49 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF082504.D

Acq: 24 Oct 2015 10:36

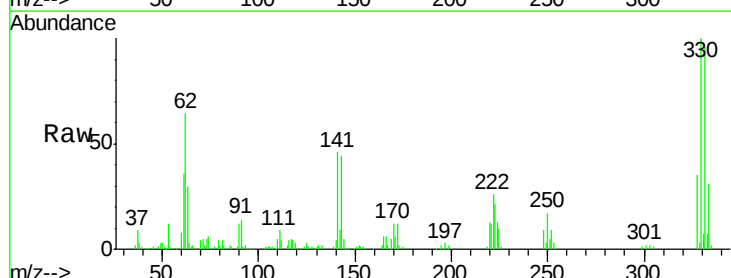
Tgt Ion:330 Resp: 154709

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

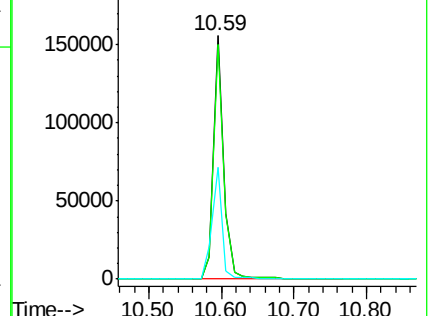
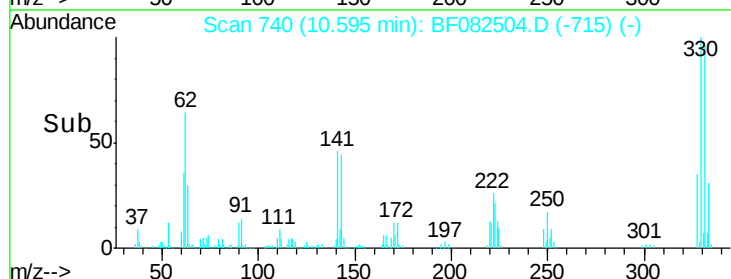
141 44.9 29.8 44.8#

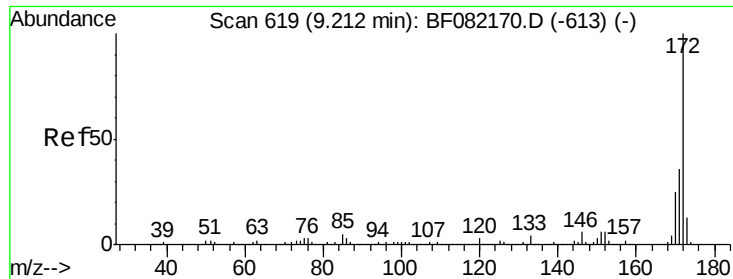


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

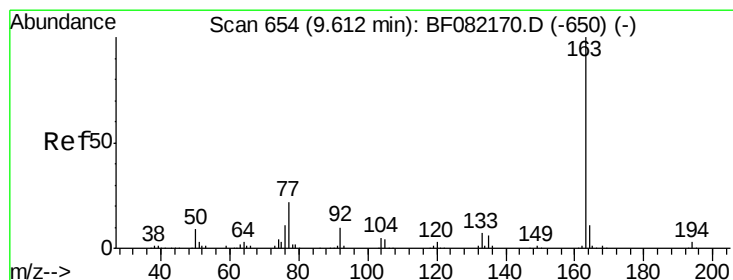
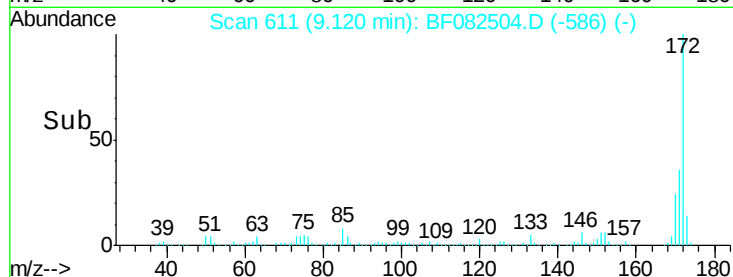
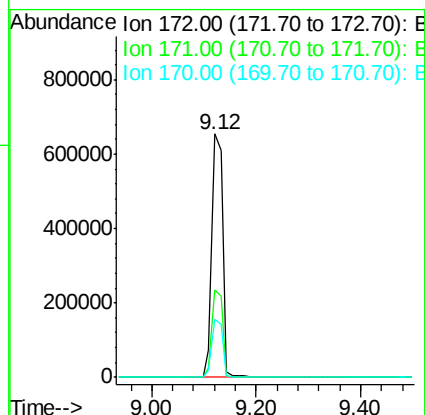
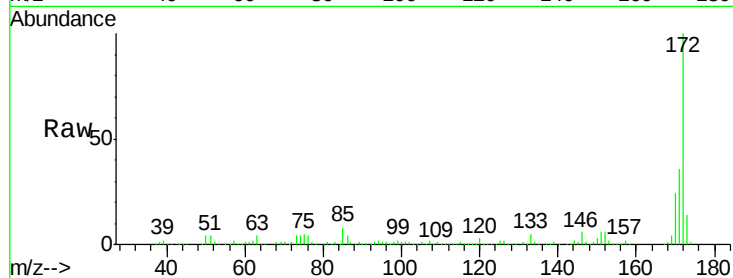




#44
2-Fluorobiphenyl
Concen: 84.50 ng
RT: 9.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF082504.D
Acq: 24 Oct 2015 10:36

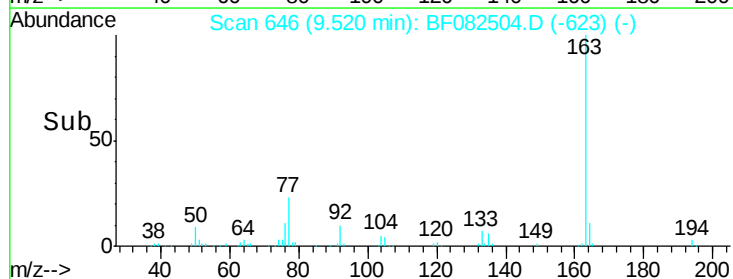
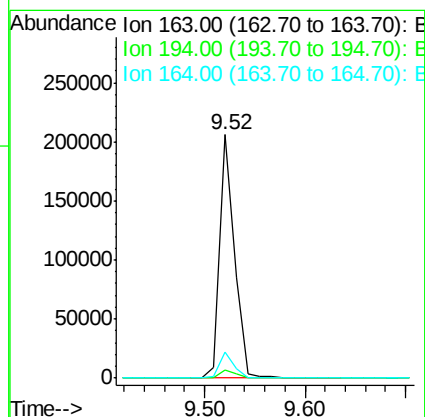
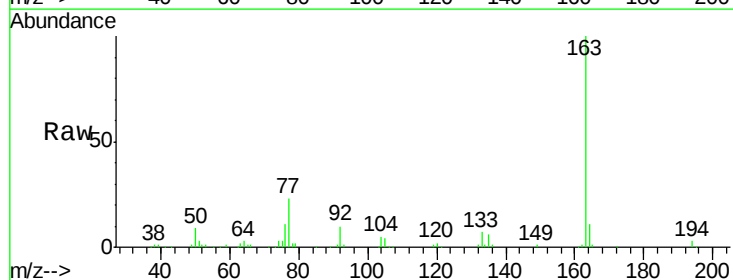
Instrument :
BNA_F
ClientSampleId :
AB-AC-02(0-2)

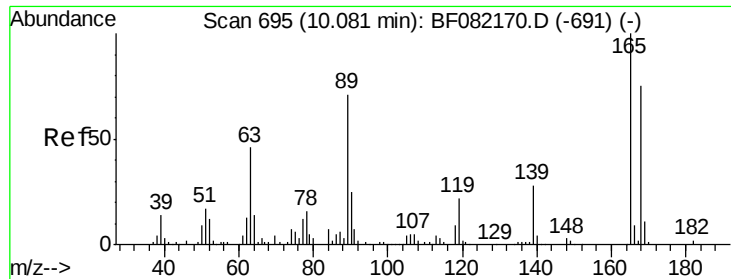
Tgt Ion:172 Resp: 949893
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.9 19.7 29.5



#49
Dimethylphthalate
Concen: 16.12 ng
RT: 9.52 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF082504.D
Acq: 24 Oct 2015 10:36

Tgt Ion:163 Resp: 211620
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.6 8.5 12.7





#56

2,4-Dinitrotoluene

Concen: 6.87 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.23 min

Lab File: BF082504.D

Acq: 24 Oct 2015 10:36

Instrument :

BNA_F

ClientSampleId :

AB-AC-02(0-2)

Tgt Ion:165 Resp: 23793

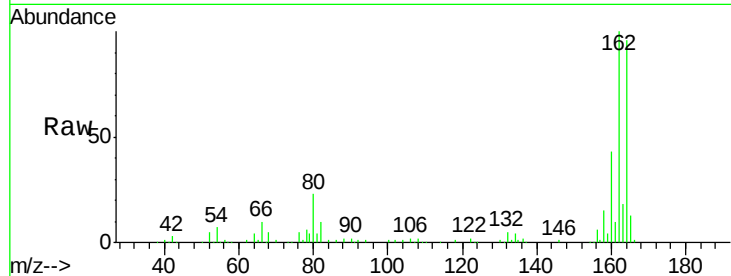
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

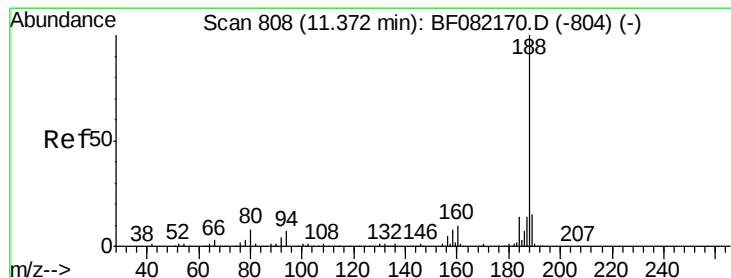
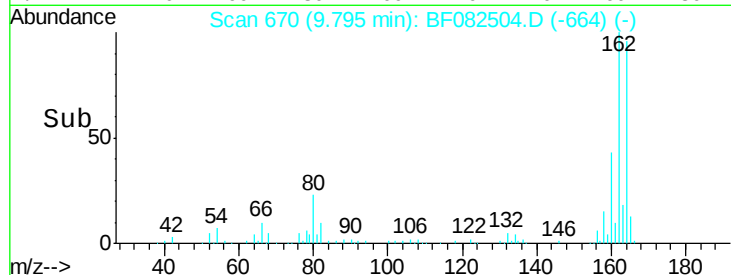
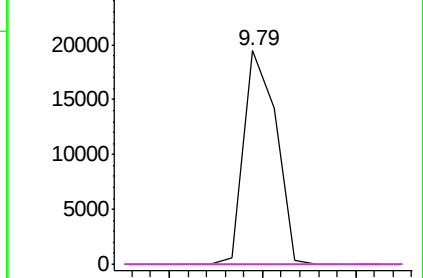


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF082504.D

Acq: 24 Oct 2015 10:36

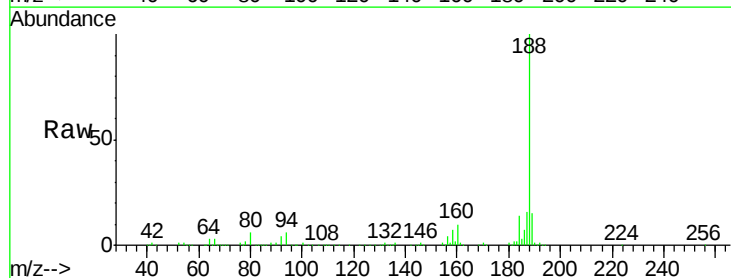
Tgt Ion:188 Resp: 331575

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.6

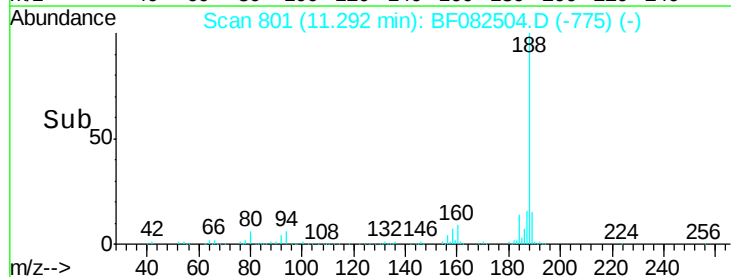
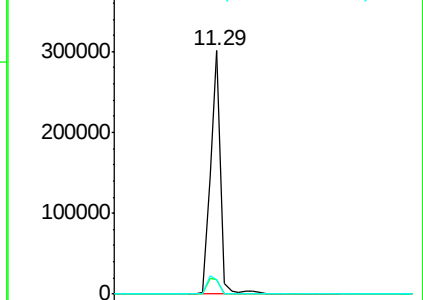
80 6.1 6.4 9.6#

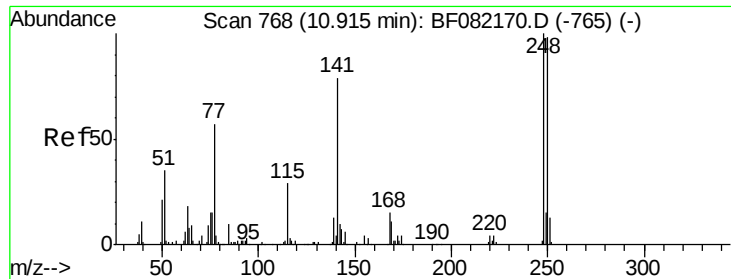


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

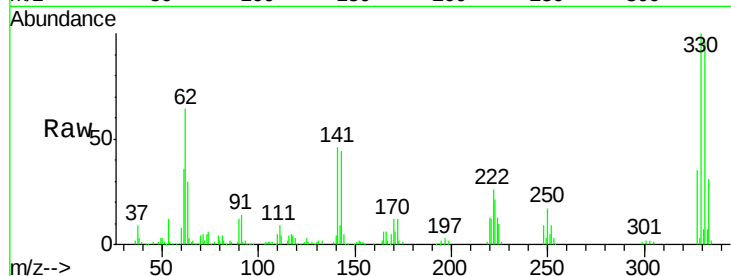




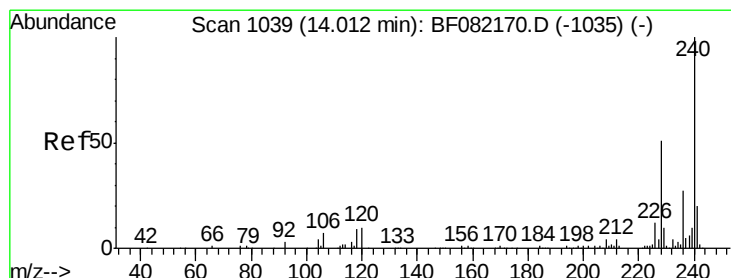
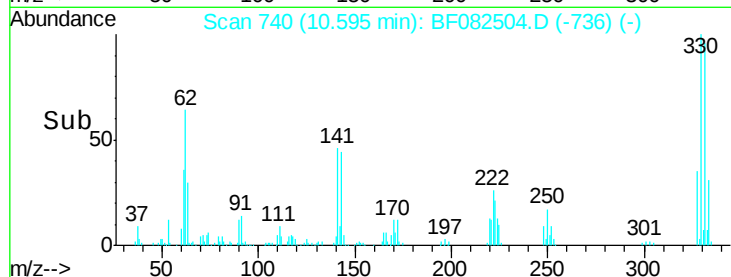
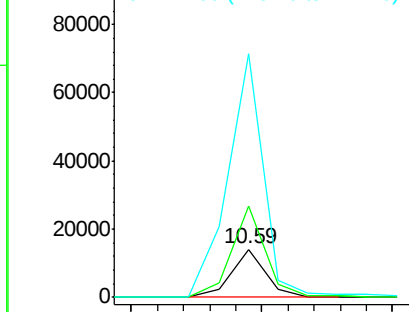
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tgt Ion:248 Resp: 12816
 Ion Ratio Lower Upper
 248 100
 250 190.1 78.6 117.8#
 141 504.4 63.3 94.9#

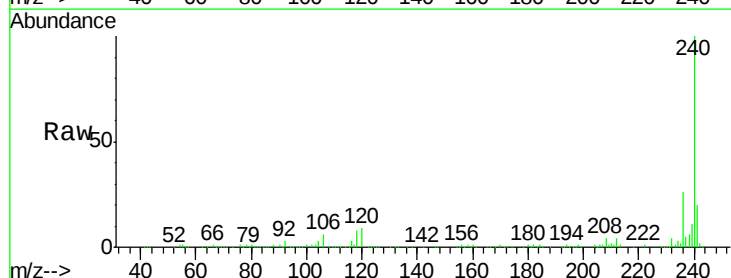


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

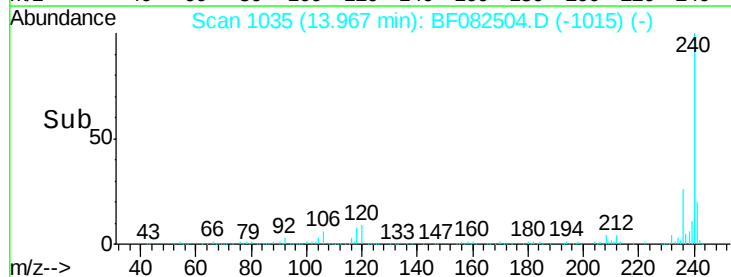
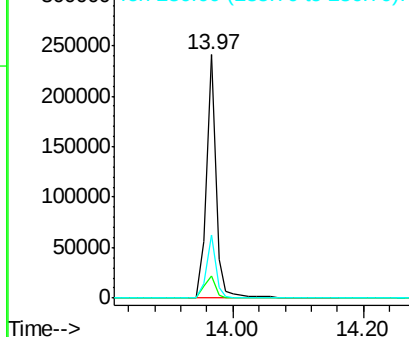


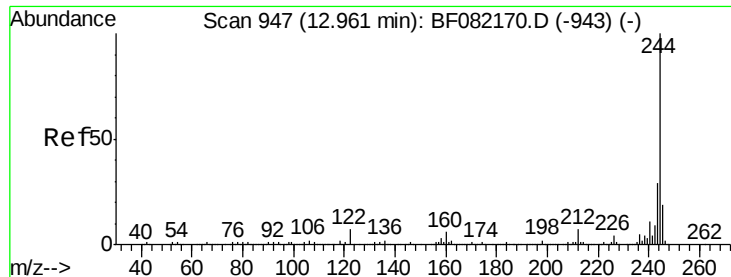
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Tgt Ion:240 Resp: 246860
 Ion Ratio Lower Upper
 240 100
 120 9.1 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

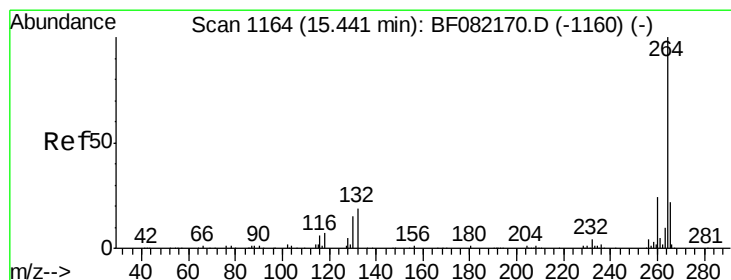
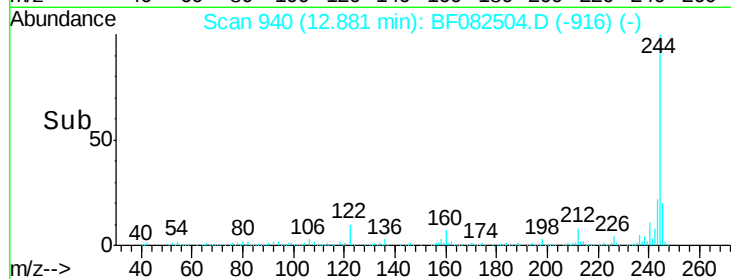
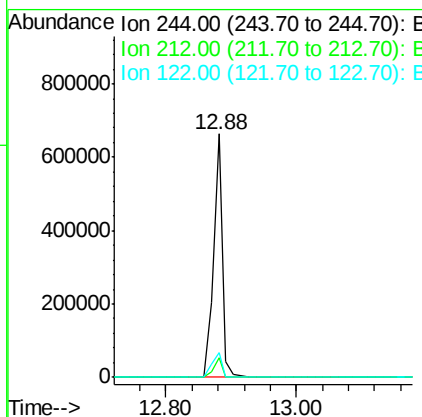
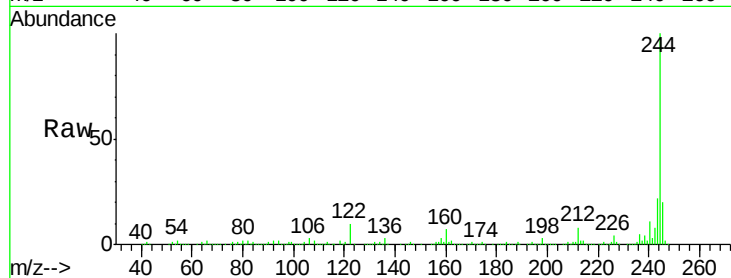




#78
 Terphenyl-d14
 Concen: 68.90 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-02(0-2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	9.9	5.9	8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.15 min
 Lab File: BF082504.D
 Acq: 24 Oct 2015 10:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.5	17.3	25.9

