

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102315\
 Data File : BF082485.D
 Acq On : 24 Oct 2015 00:43
 Operator : UM/IZ
 Sample : G4117-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-05(0-2)

Quant Time: Oct 24 04:55:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 24 04:47:19 2015
 Response via : Initial Calibration

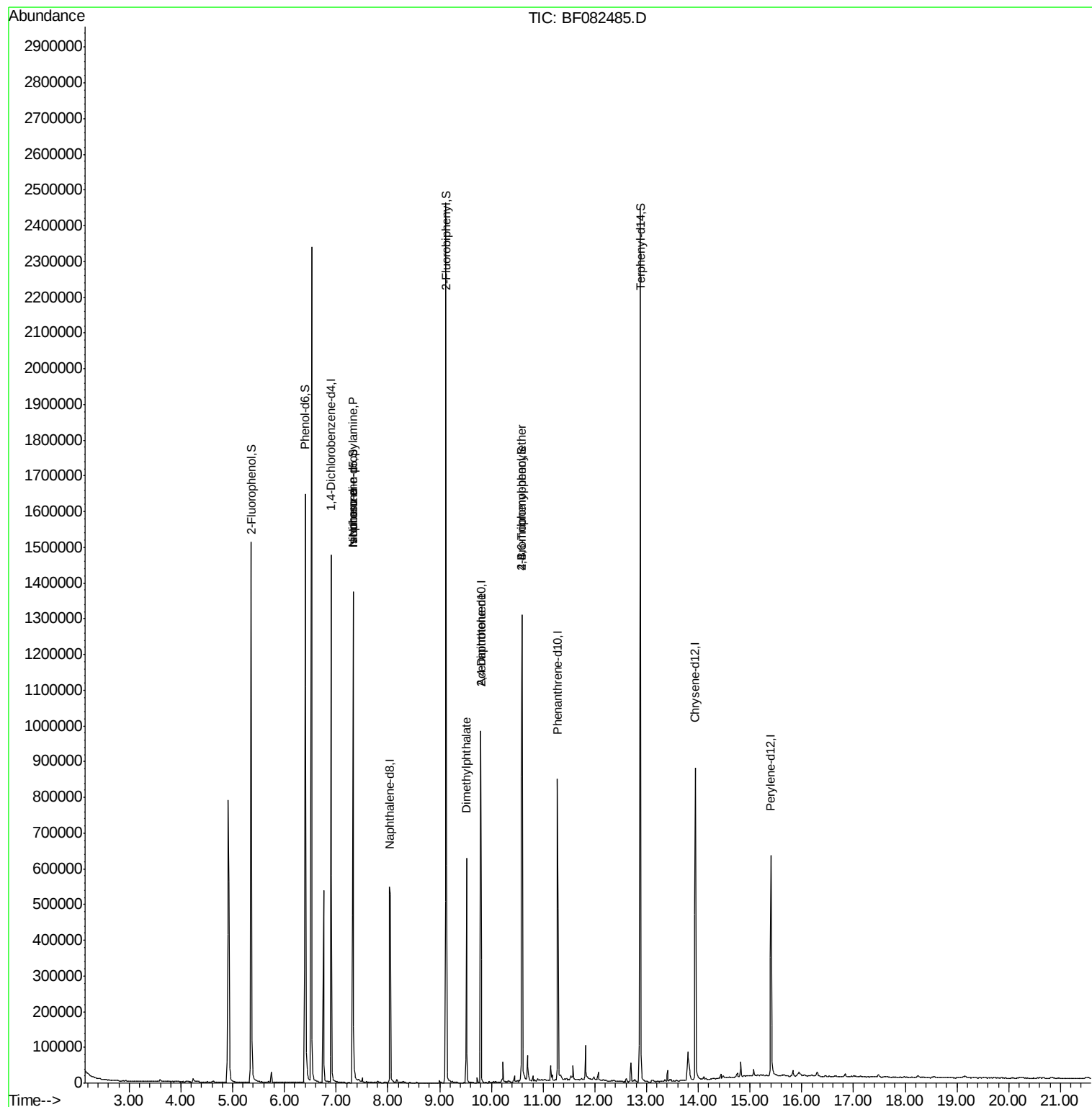
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	264977	20.00	ng	0.15
21) Naphthalene-d8	8.05	136	410877	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215006	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	417858	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	399487	20.00	ng	-0.01
86) Perylene-d12	15.41	264	304293	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	652498	49.70	ng	0.01
7) Phenol-d6	6.40	99	836428	48.96	ng	-0.01
23) Nitrobenzene-d5	7.33	82	516307	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	201322	99.84	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	891079	68.73	ng	-0.01
78) Terphenyl-d14	12.88	244	992709	65.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	68455	5.71	ng	# 78
25) Isophorone	7.33	82	396733	32.13	ng	# 66
49) Dimethylphthalate	9.52	163	259848	17.16	ng	99
56) 2,4-Dinitrotoluene	9.79	165	27200	6.81	ng	# 23
66) 4-Bromophenyl-phenylether	10.59	248	14800	3.54	ng	# 1

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

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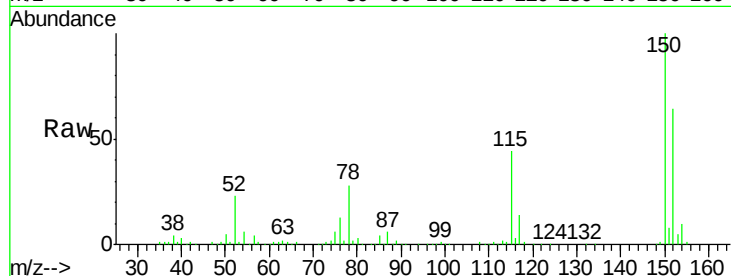


#1

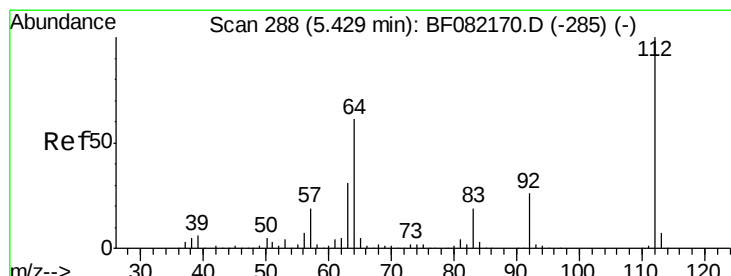
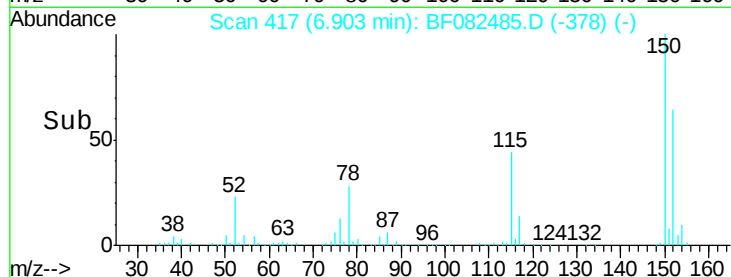
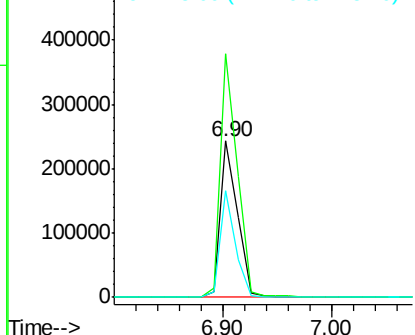
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. 0.15 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-05(0-2)

Tot Ion:152 Resp: 264977
 Ion Ratio Lower Upper
 152 100
 150 155.9 129.0 193.4
 115 68.0 52.1 78.1



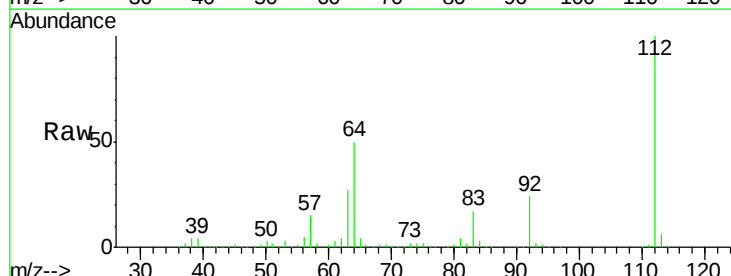
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



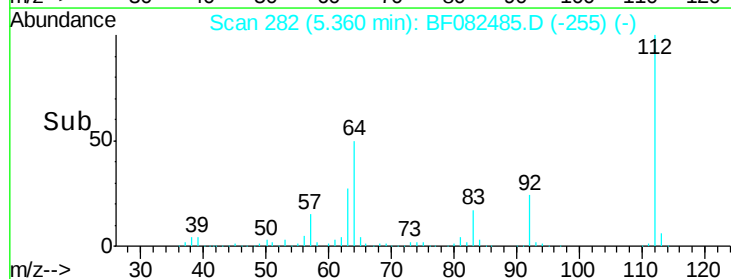
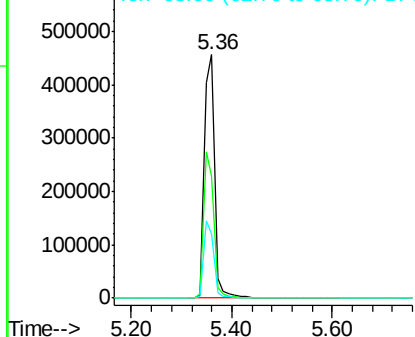
#5

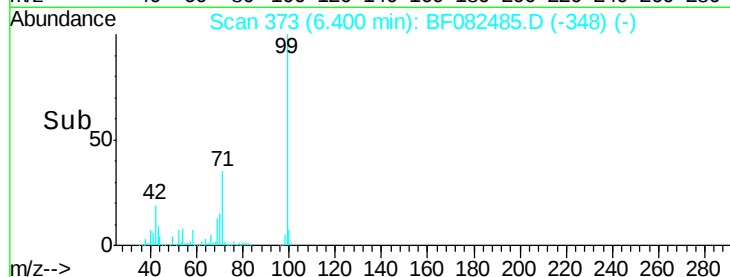
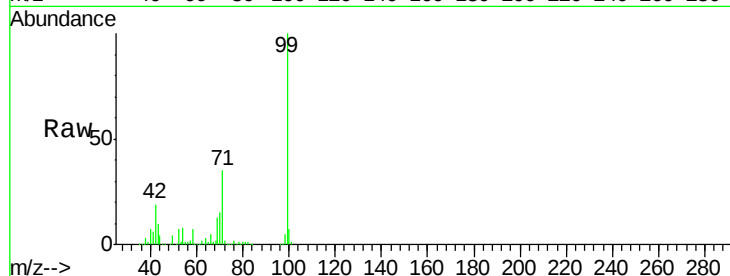
2-Fluorophenol
 Concen: 49.70 ng
 RT: 5.36 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

Tgt Ion:112 Resp: 652498
 Ion Ratio Lower Upper
 112 100
 64 50.4 48.6 73.0
 63 26.7 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: 48.96 ng

RT: 6.40 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Instrument :

BNA_F

ClientSampleId :

AB-AC-05(0-2)

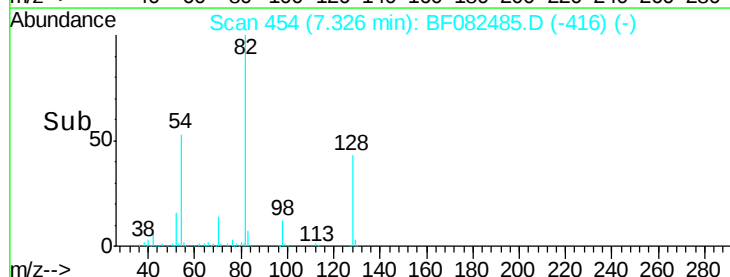
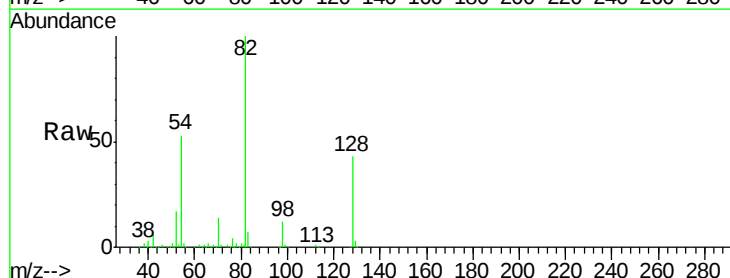
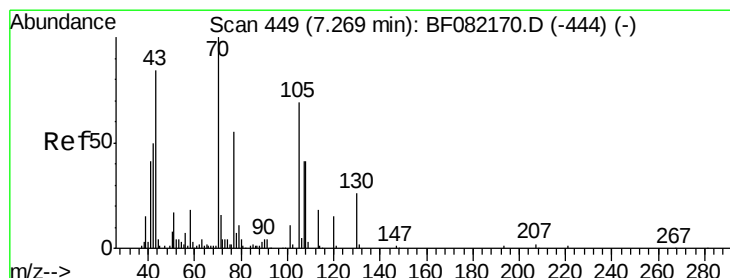
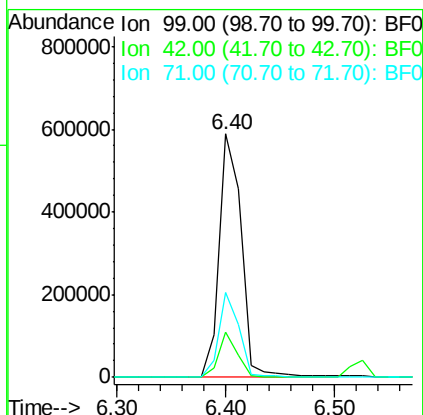
Tot Ion: 99 Resp: 836428

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

71 35.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.71 ng

RT: 7.33 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Tgt Ion: 70 Resp: 68455

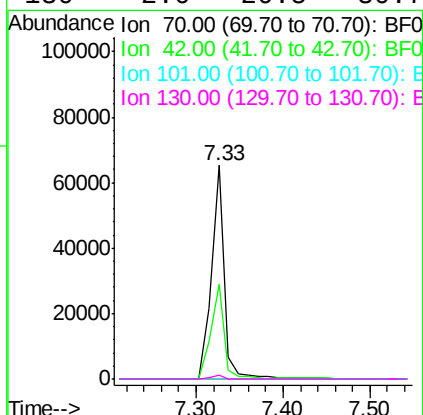
Ion Ratio Lower Upper

70 100

42 44.1 39.8 59.8

101 0.0 8.6 13.0#

130 2.0 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: BF082485.D

Acq: 24 Oct 2015 00:43

Instrument :

BNA_F

ClientSampleId :

AB-AC-05(0-2)

Tot Ion:136 Resp: 410877

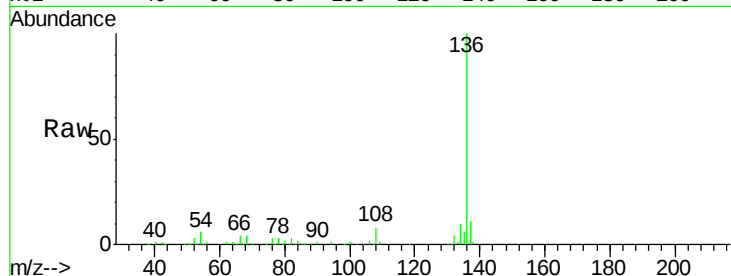
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 5.6 7.5 11.3#

68 3.9 4.6 7.0#

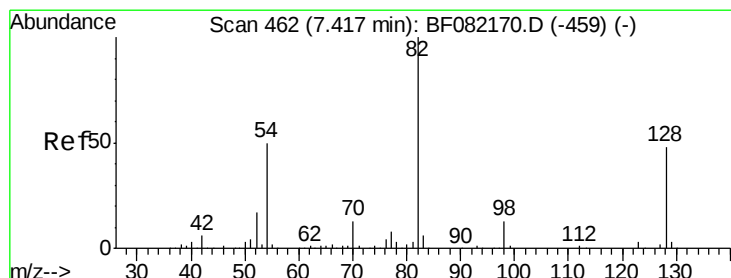
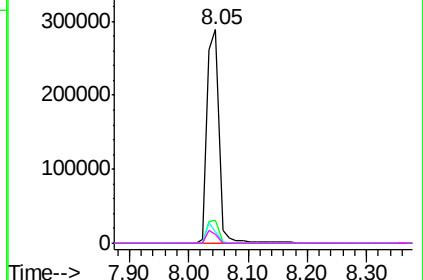
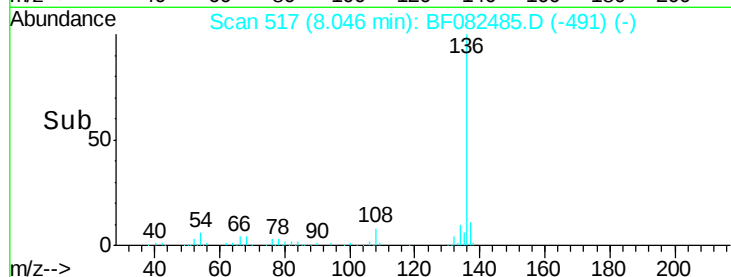


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.39 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

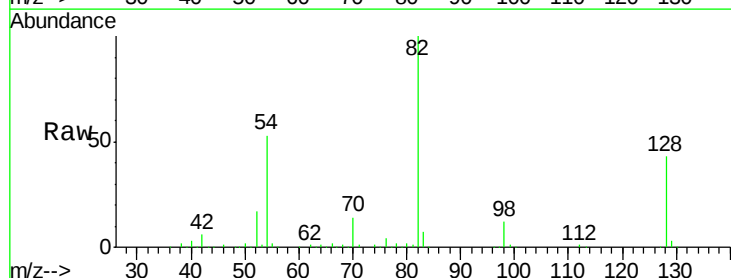
Tgt Ion: 82 Resp: 516307

Ion Ratio Lower Upper

82 100

128 43.4 38.7 58.1

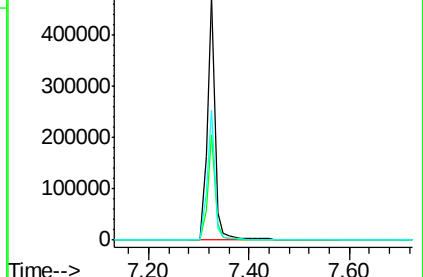
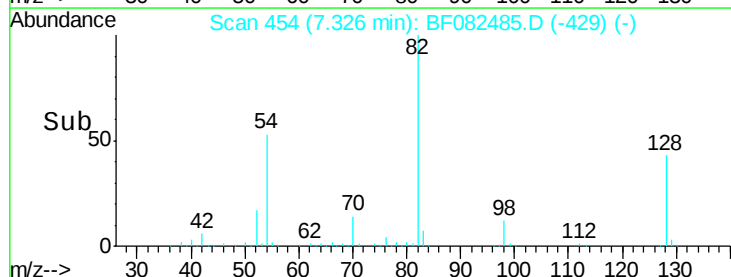
54 53.2 40.1 60.1



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: 32.13 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.26 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Instrument :

BNA_F

ClientSampleId :

AB-AC-05(0-2)

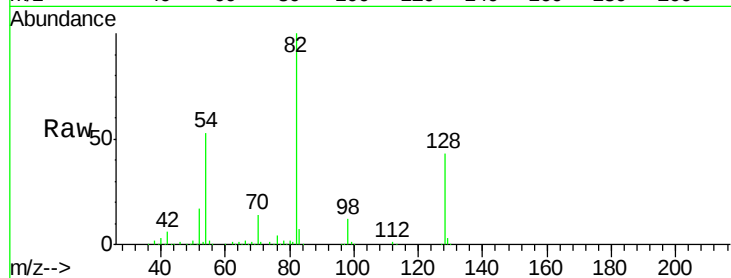
Tot Ion: 82 Resp: 396733

Ion Ratio Lower Upper

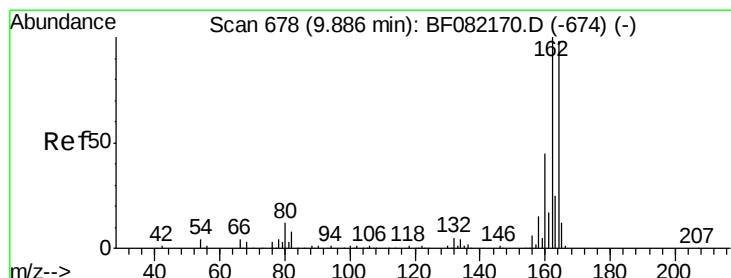
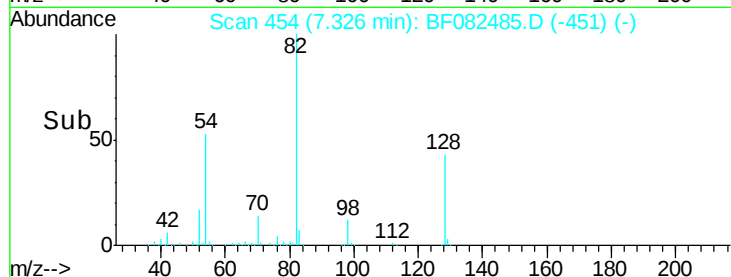
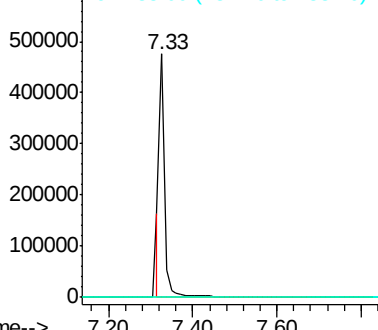
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

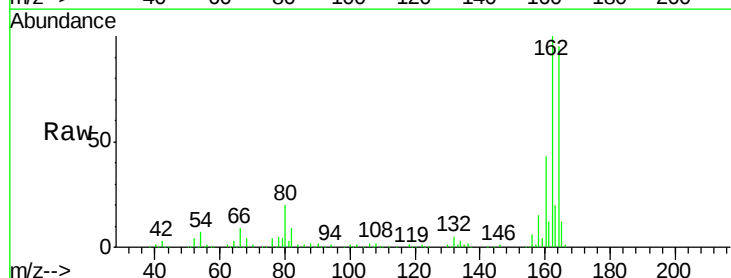
Tgt Ion: 164 Resp: 215006

Ion Ratio Lower Upper

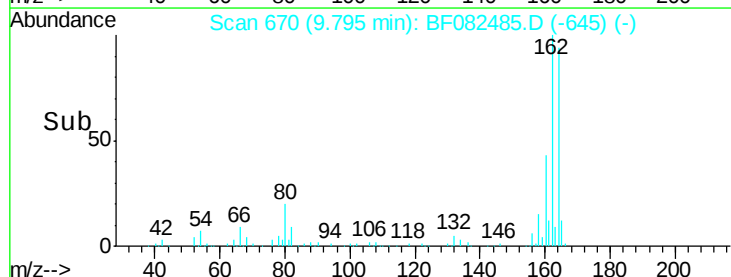
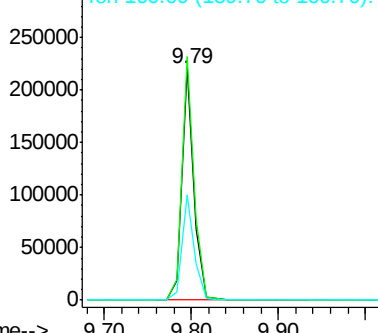
164 100

162 105.0 81.6 122.4

160 45.6 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

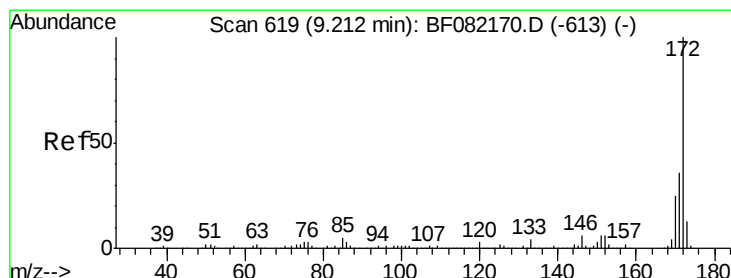
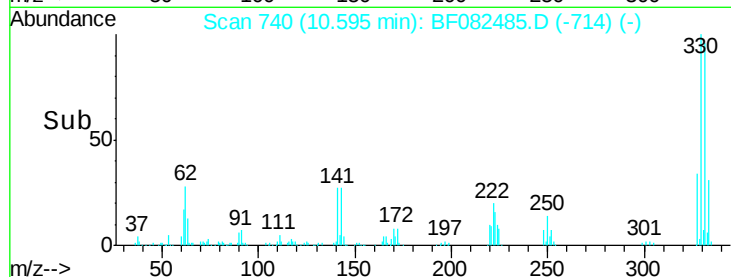
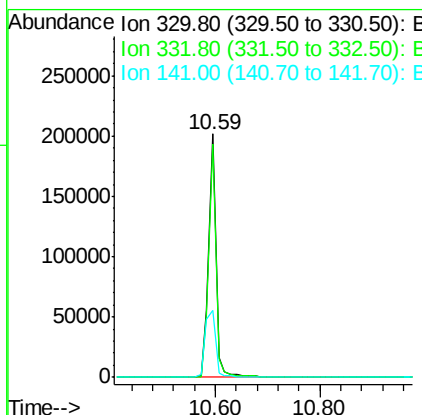
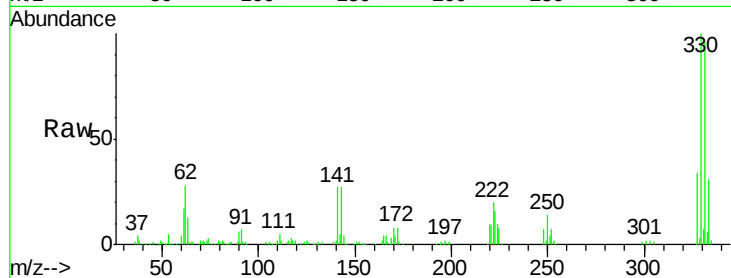




#41
 2,4,6-Tribromophenol
 Concen: 99.84 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

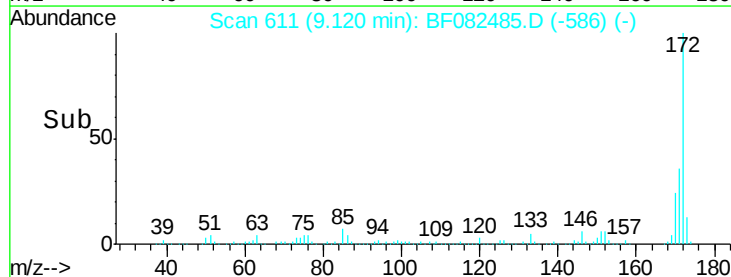
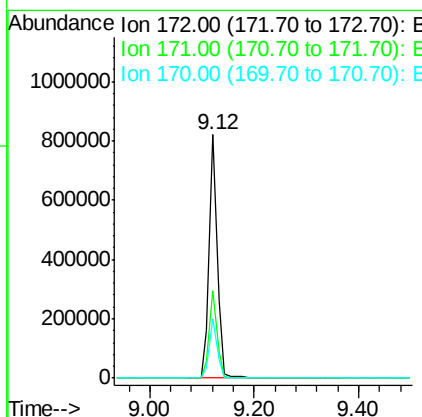
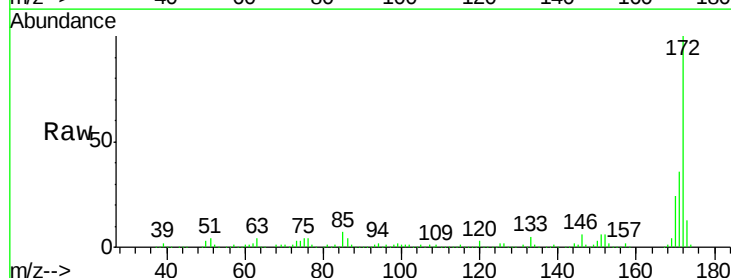
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-05(0-2)

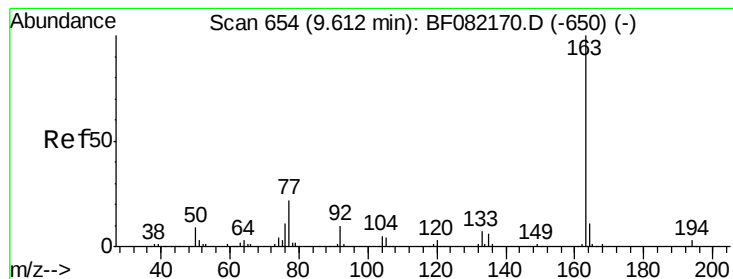
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	39.2	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 68.73 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	24.2	19.7	29.5





#49

Dimethylphthalate

Concen: 17.16 ng

RT: 9.52 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Instrument :

BNA_F

ClientSampleId :

AB-AC-05(0-2)

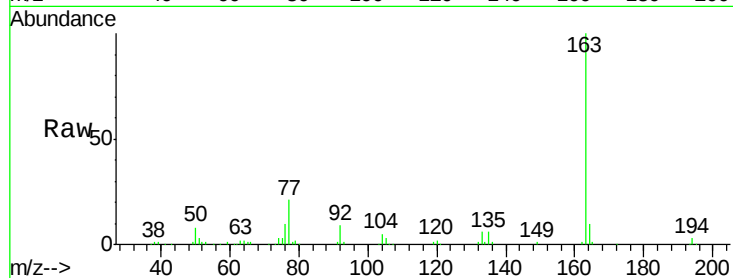
Tot Ion:163 Resp: 259848

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

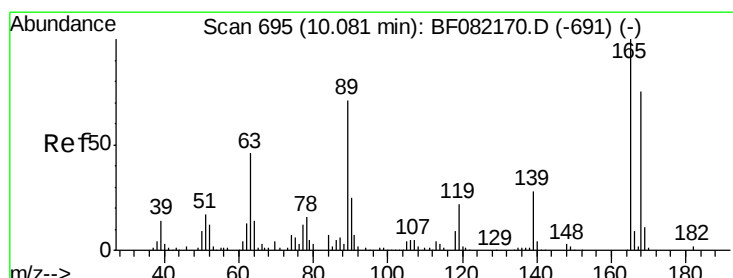
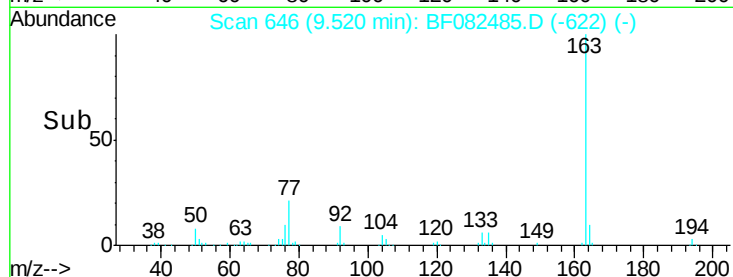
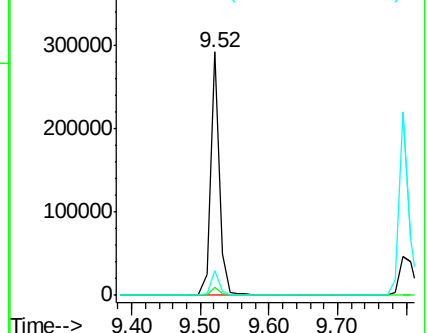
164 10.0 8.5 12.7



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: 6.81 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.22 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Tgt Ion:165 Resp: 27200

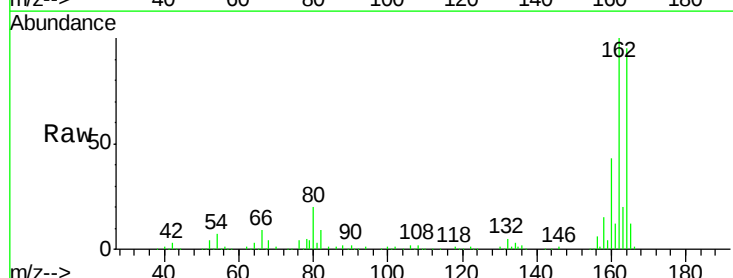
Ion Ratio Lower Upper

165 100

63 1.2 38.6 58.0#

89 1.6 57.0 85.6#

182 0.0 1.8 2.6#

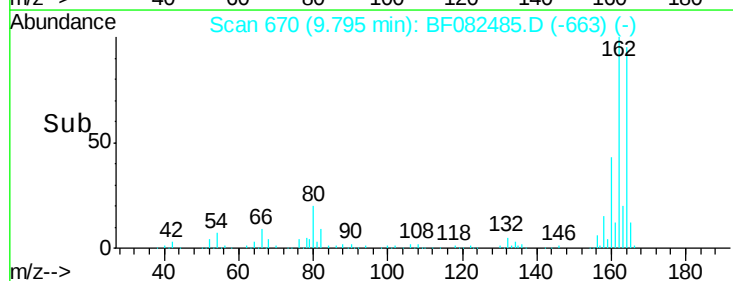
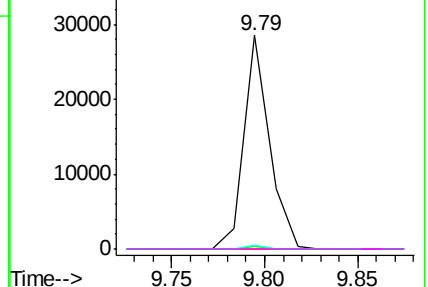


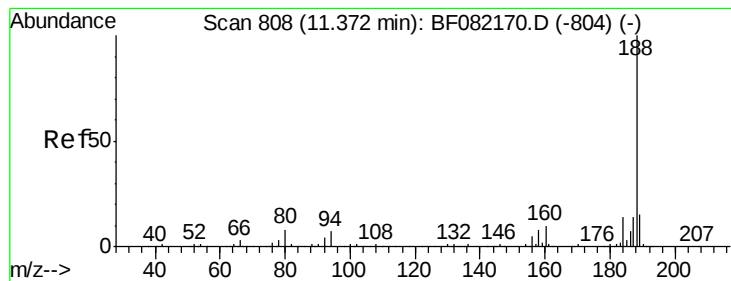
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.28 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

Instrument :

BNA_F

ClientSampleId :

AB-AC-05(0-2)

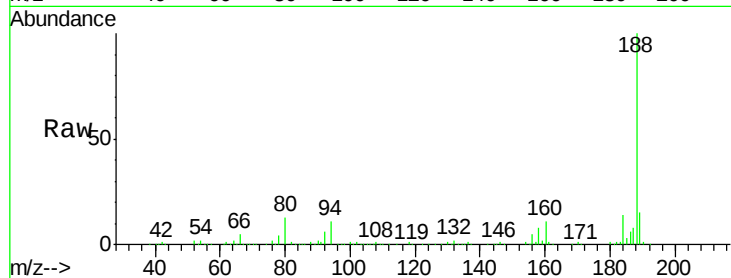
Tot Ion:188 Resp: 417858

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.6#

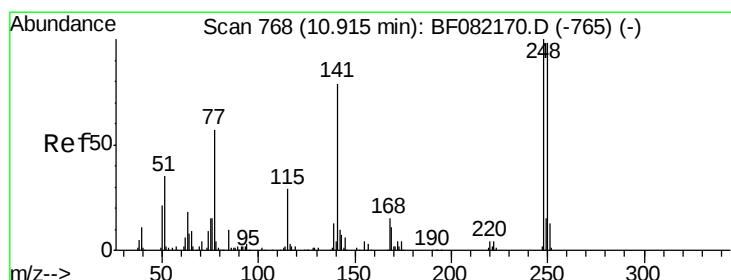
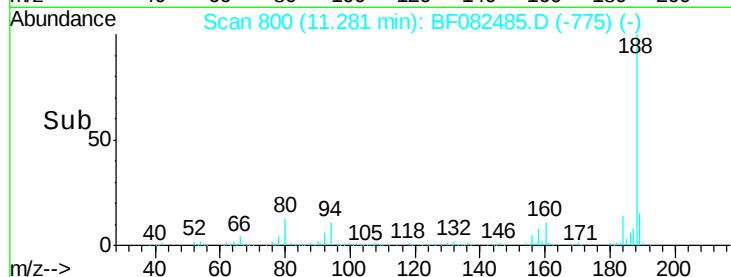
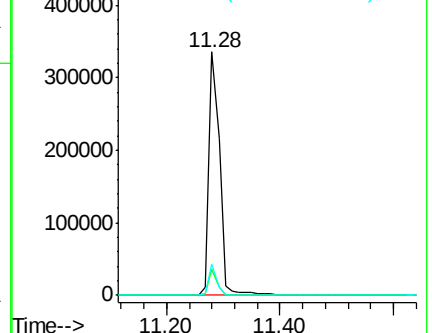
80 12.6 6.4 9.6#



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: 3.54 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF082485.D

Acq: 24 Oct 2015 00:43

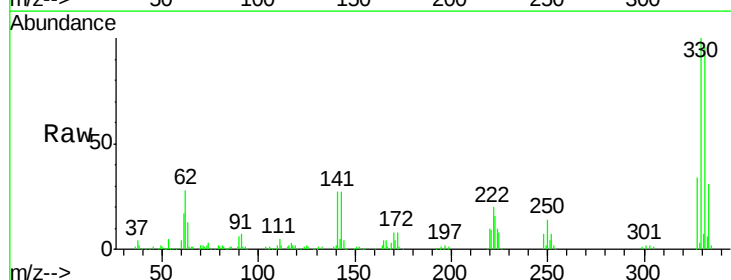
Tgt Ion:248 Resp: 14800

Ion Ratio Lower Upper

248 100

250 197.7 78.6 117.8#

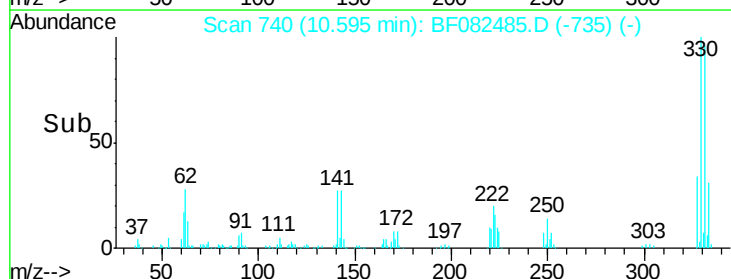
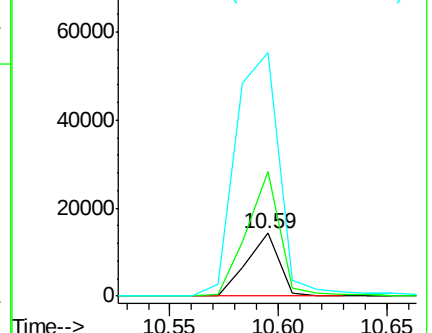
141 387.2 63.3 94.9#

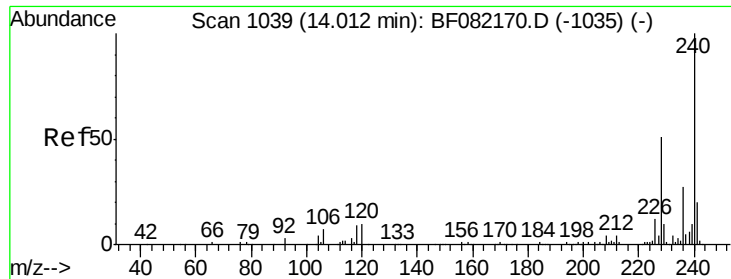


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

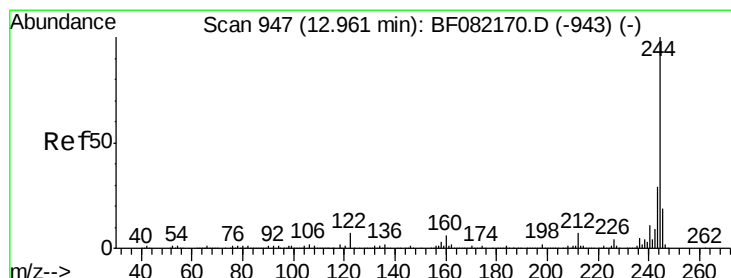
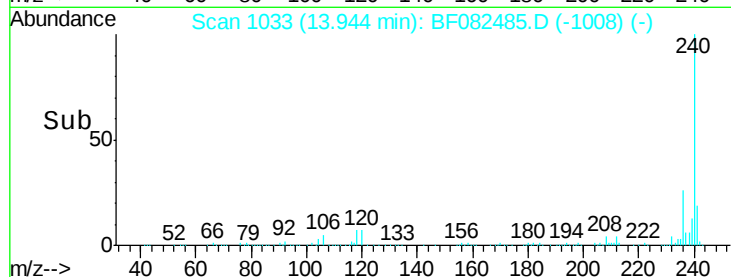
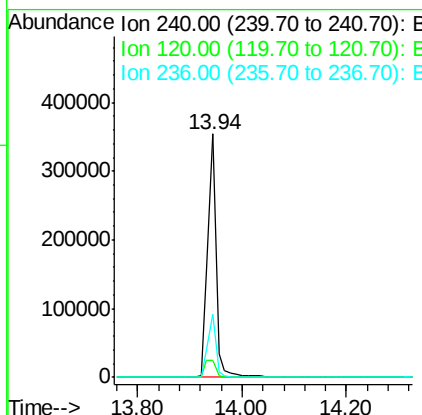
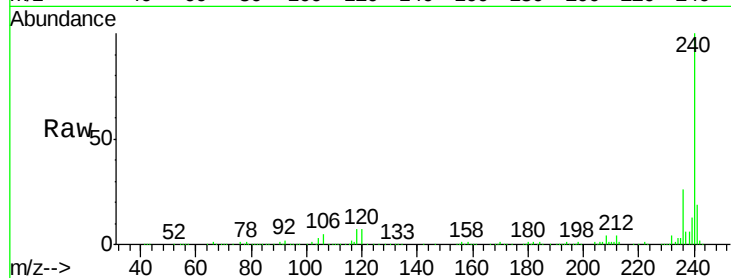




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

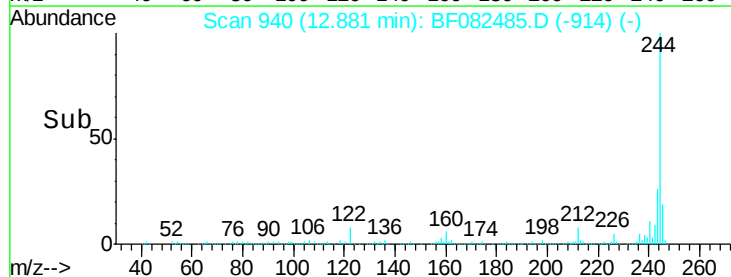
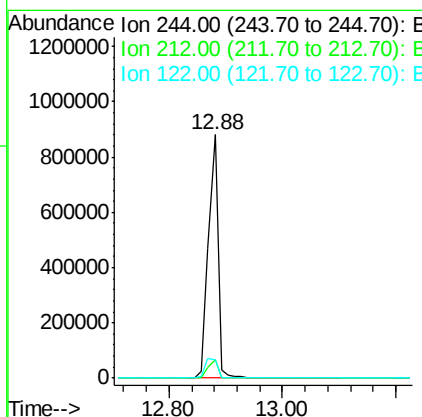
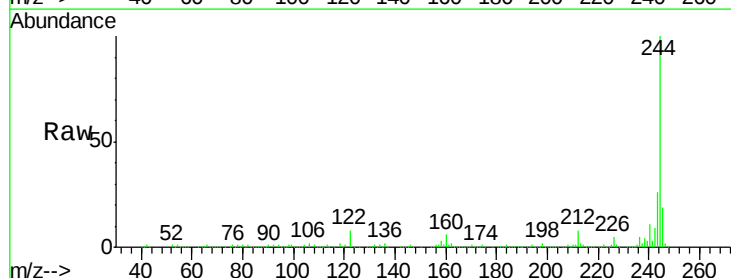
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-05(0-2)

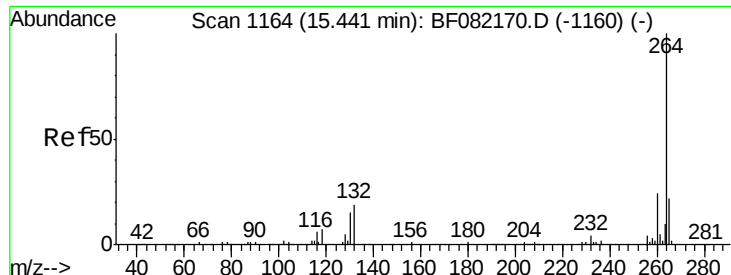
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.1	12.1#
236	25.8	21.3	31.9



#78
 Terphenyl-d14
 Concen: 65.85 ng
 RT: 12.88 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF082485.D
 Acq: 24 Oct 2015 00:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	7.6	5.9	8.9





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF082485.D
Acq: 24 Oct 2015 00:43

Instrument :
BNA_F
ClientSampleId :
AB-AC-05(0-2)

Tot Ion: 264 Resp: 304293

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.6	17.3	25.9

