

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082284.D
 Acq On : 14 Oct 2015 17:43
 Operator : UM/IZ
 Sample : G4015-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-2

Quant Time: Oct 15 01:47:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

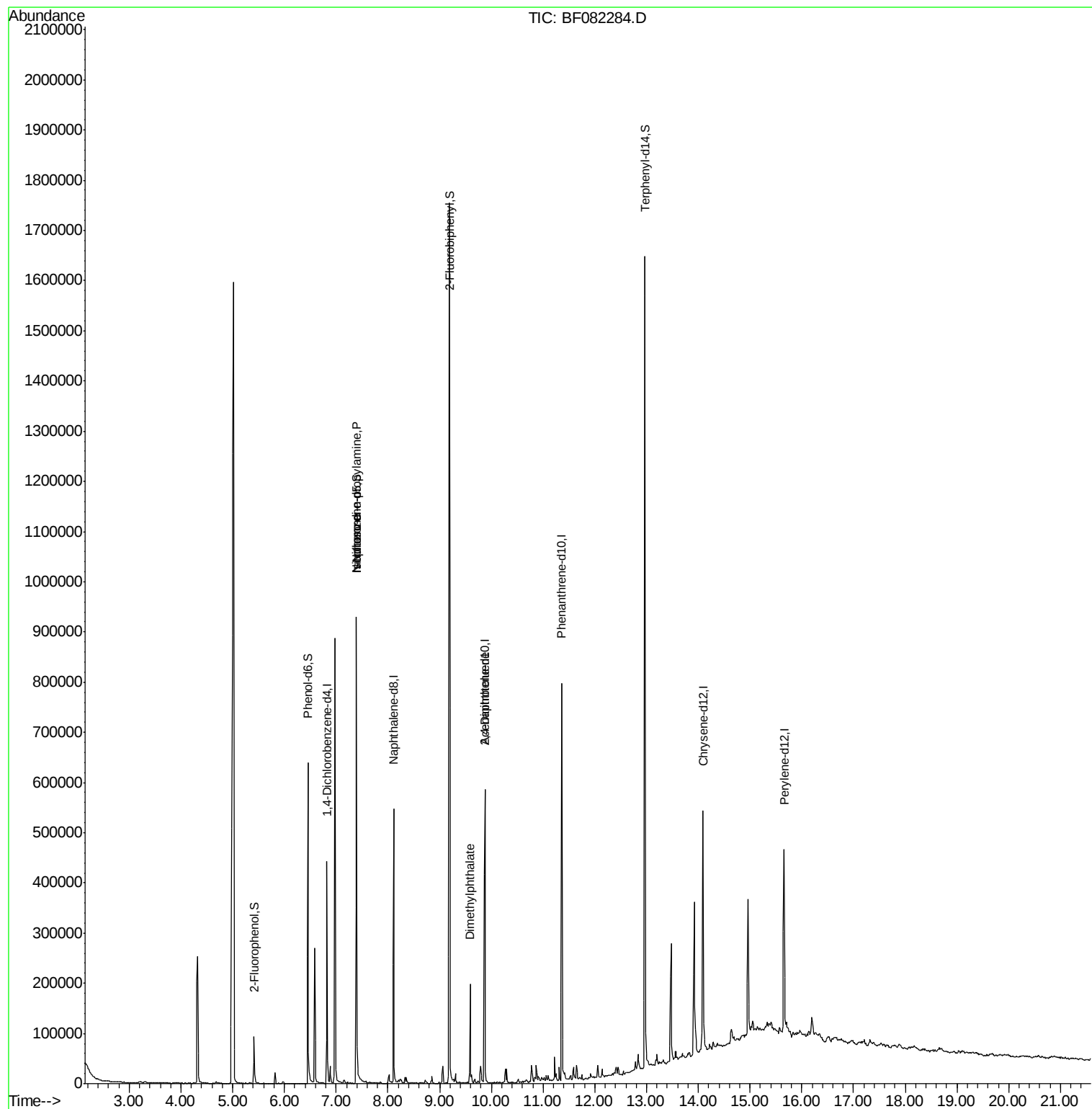
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74765	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	305861	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	160685	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	326949	20.00	ng	0.00
75) Chrysene-d12	14.09	240	288427	20.00	ng	-0.03
86) Perylene-d12	15.66	264	196698	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	35769	9.66	ng	0.01
7) Phenol-d6	6.46	99	274858	57.02	ng	-0.01
23) Nitrobenzene-d5	7.39	82	354314	77.79	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	501	0.33	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	684988	70.70	ng	-0.01
78) Terphenyl-d14	12.97	244	839557	77.13	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	46004	13.59	ng	# 77
25) Isophorone	7.39	82	256466	27.90	ng	# 66
49) Dimethylphthalate	9.59	163	80596	7.12	ng	99
56) 2,4-Dinitrotoluene	9.87	165	19747	6.62	ng	# 21

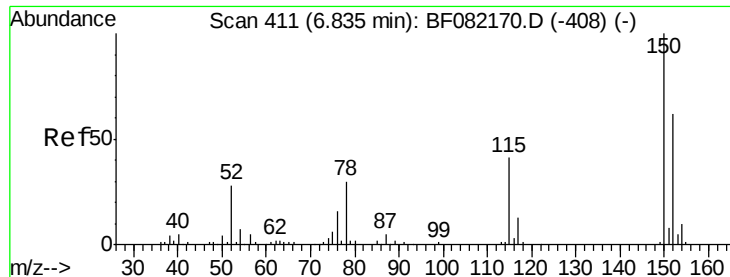
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082284.D
Acq On : 14 Oct 2015 17:43
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Sample : G4015-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-2

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
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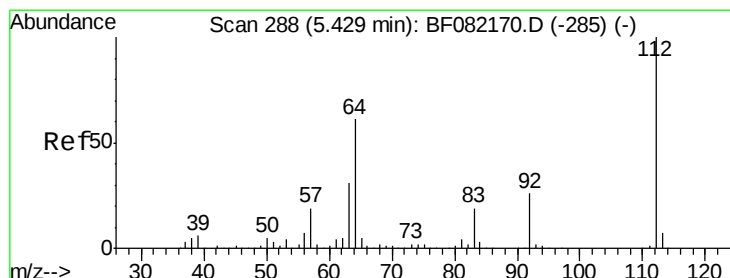
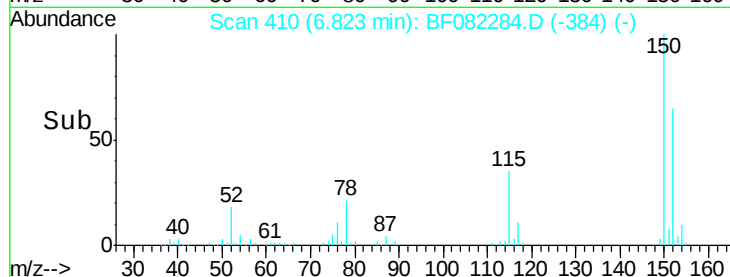
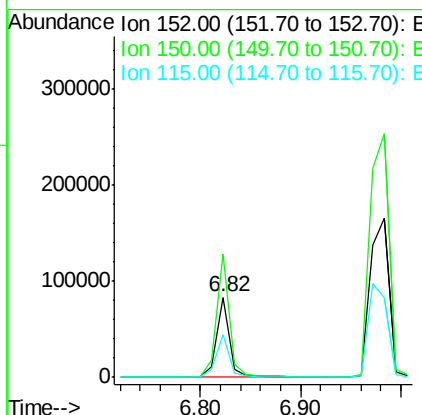
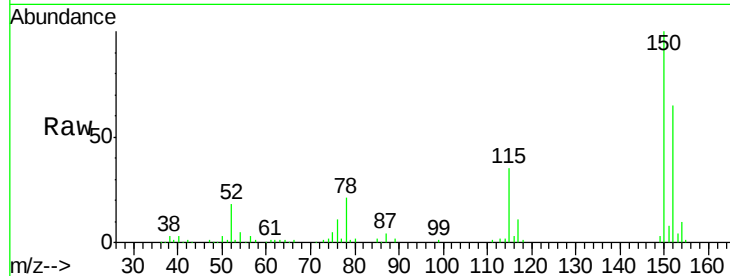


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Instrument :
BNA_F
ClientSampleId :
LW-2

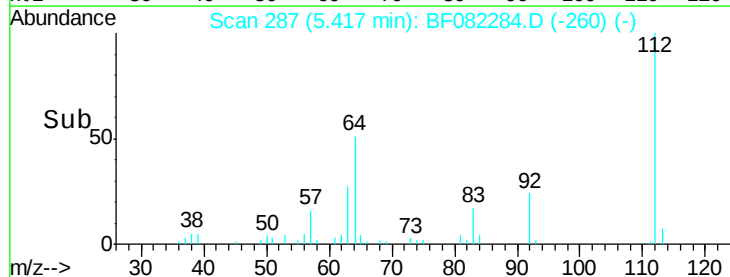
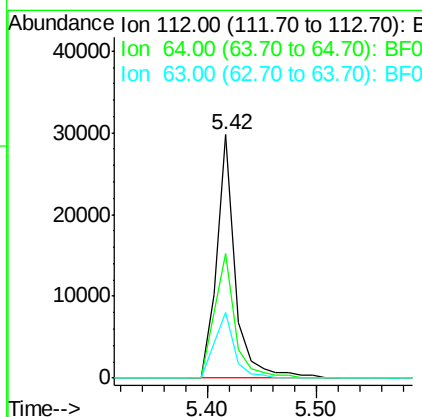
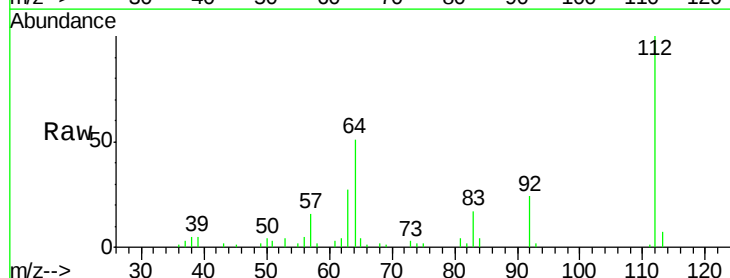
Tot Ion:152 Resp: 74765
Ion Ratio Lower Upper
152 100
150 153.7 129.0 193.4
115 53.6 52.1 78.1

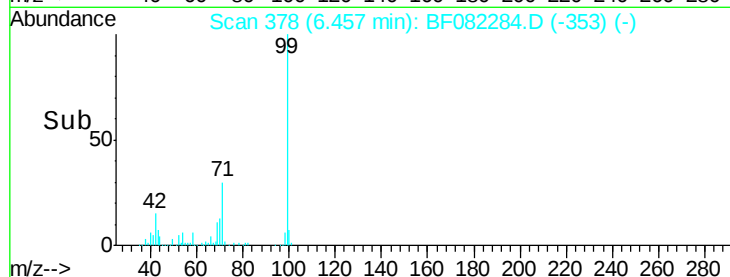
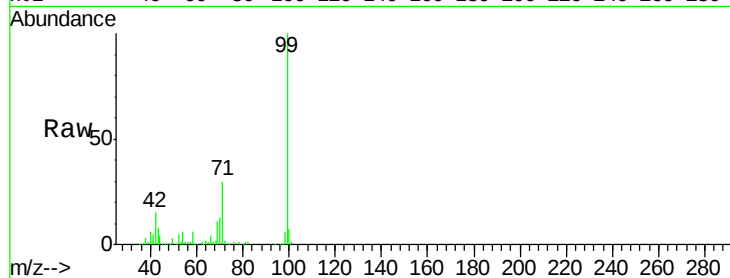


#5

2-Fluorophenol
Concen: 9.66 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Tgt Ion:112 Resp: 35769
Ion Ratio Lower Upper
112 100
64 51.3 48.6 73.0
63 27.1 25.1 37.7





#7

Phenol-d6

Concen: 57.02 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

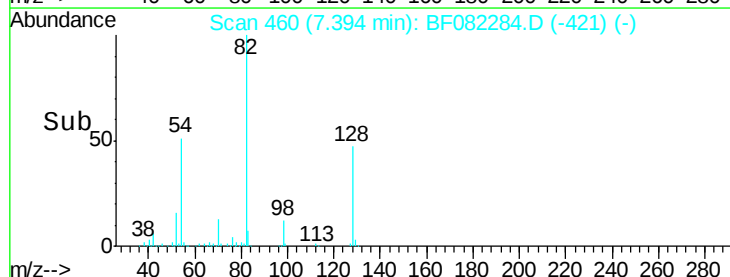
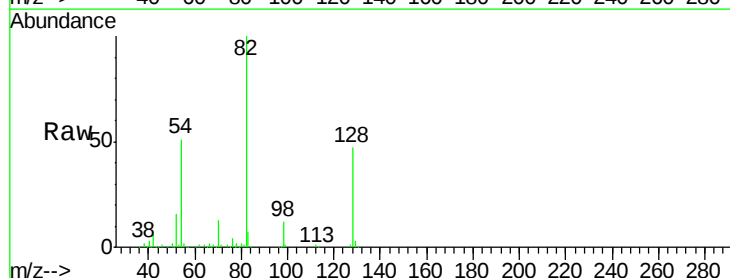
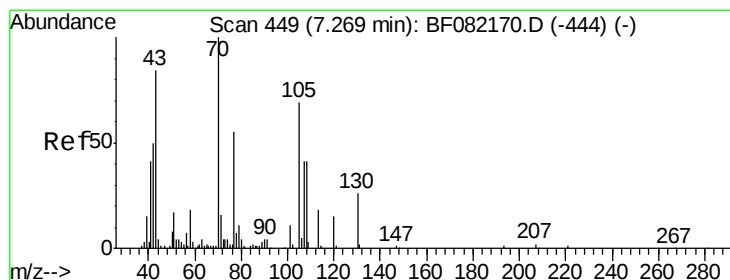
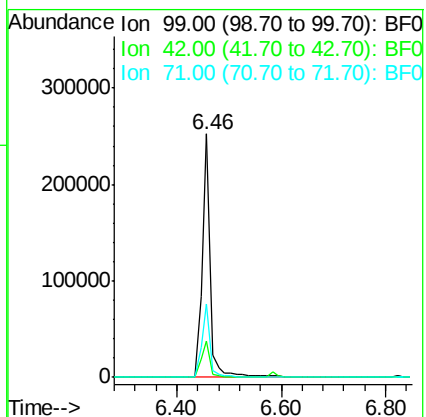
Tot Ion: 99 Resp: 274858

Ion Ratio Lower Upper

99 100

42 14.6 13.2 19.8

71 29.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.59 ng

RT: 7.39 min Scan# 460

Delta R.T. 0.15 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Tgt Ion: 70 Resp: 46004

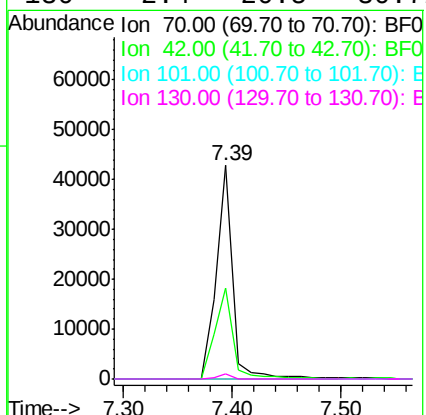
Ion Ratio Lower Upper

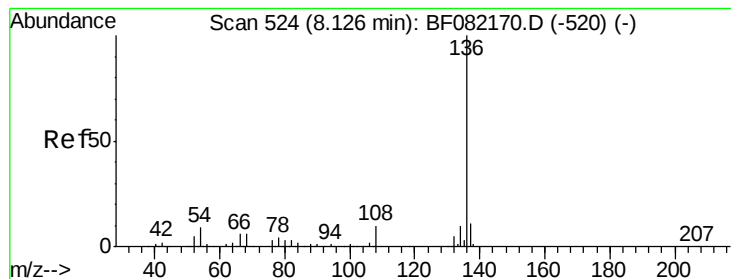
70 100

42 42.7 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

Tot Ion:136 Resp: 305861

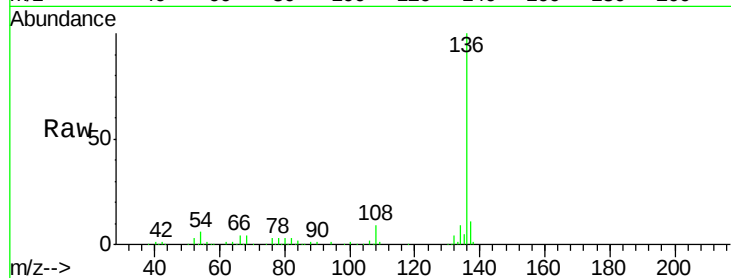
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.2 7.5 11.3#

68 4.2 4.6 7.0#

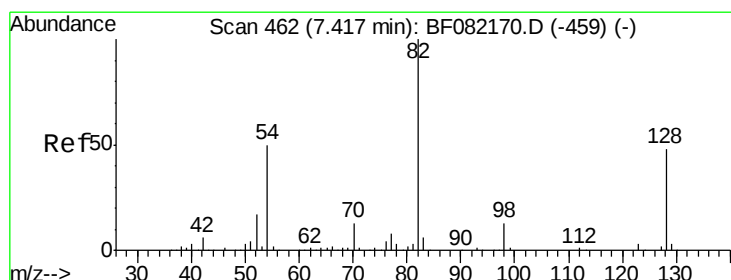
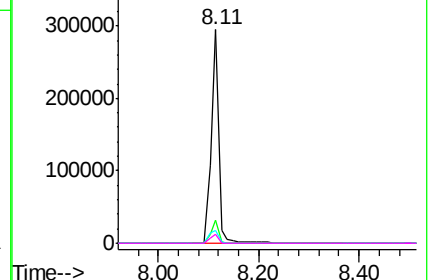
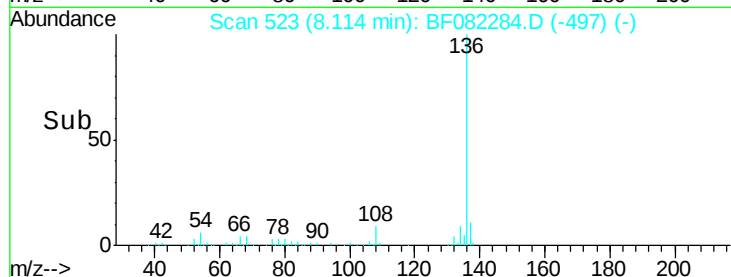


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.79 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

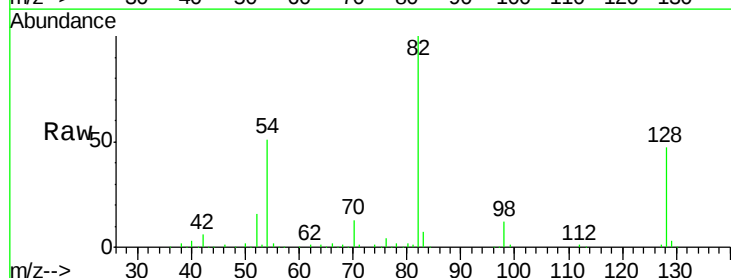
Tgt Ion: 82 Resp: 354314

Ion Ratio Lower Upper

82 100

128 46.7 38.7 58.1

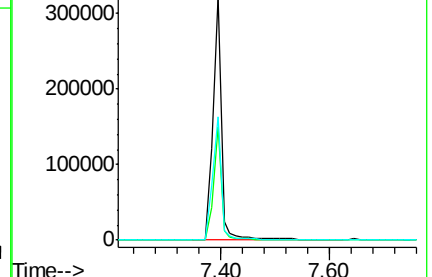
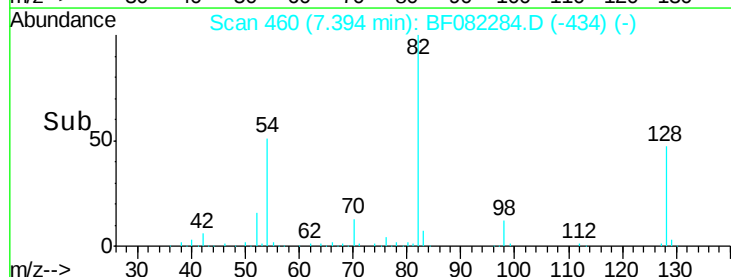
54 50.6 40.1 60.1

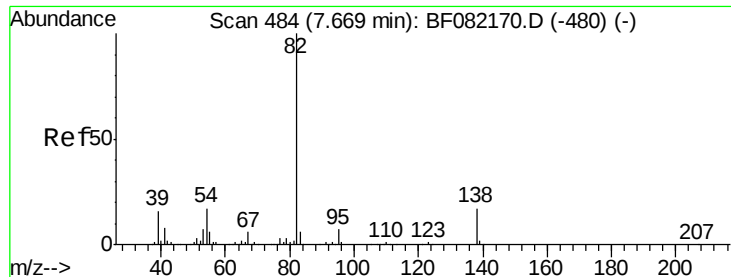


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.90 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

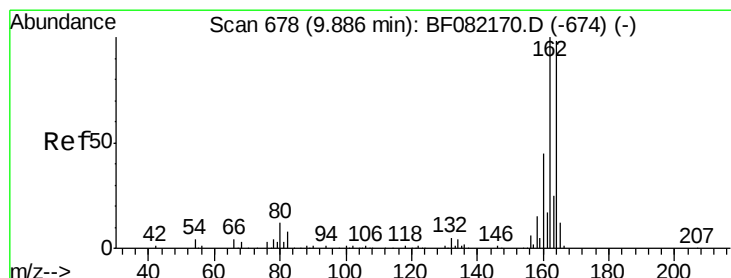
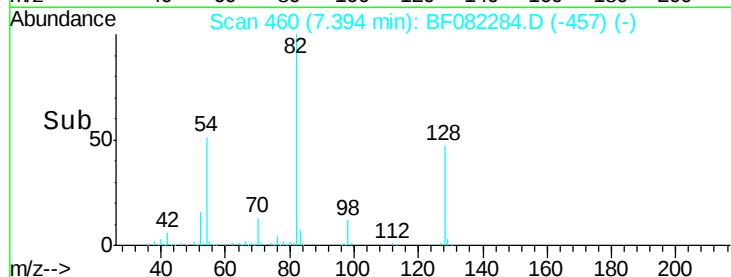
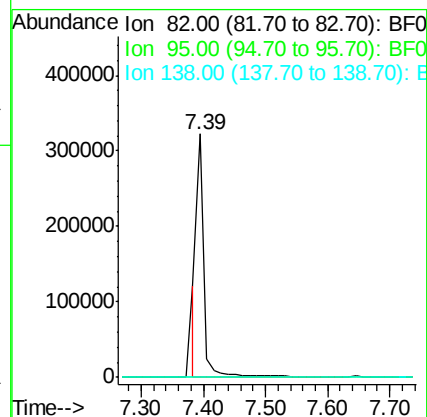
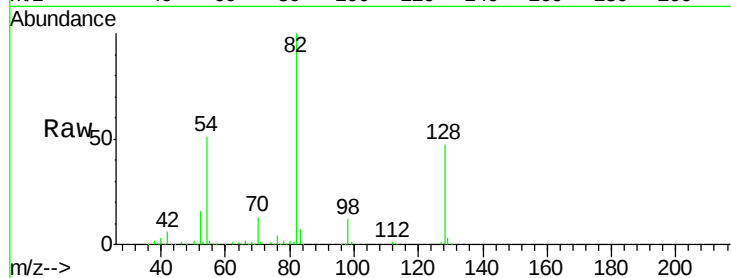
Tot Ion: 82 Resp: 256466

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

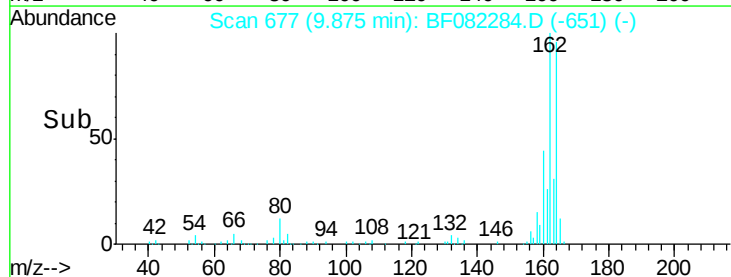
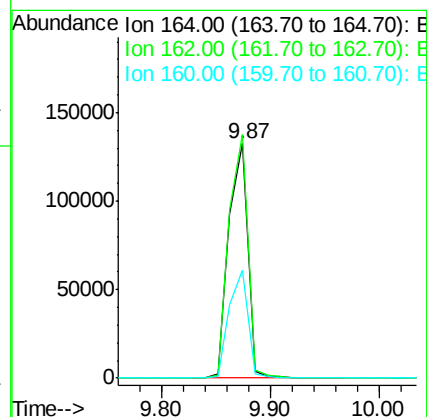
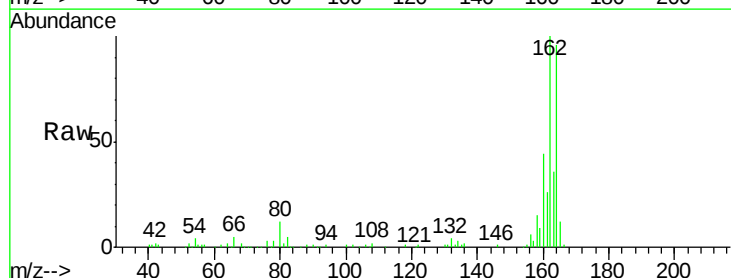
Tgt Ion: 164 Resp: 160685

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

160 46.0 36.4 54.6

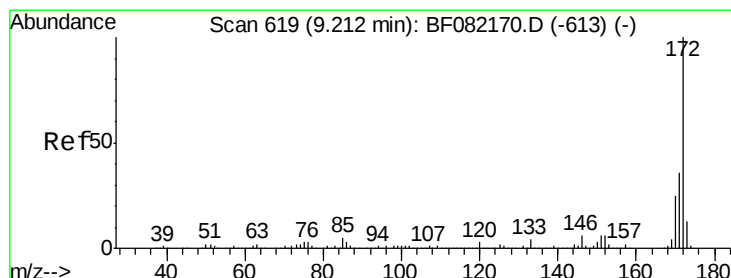
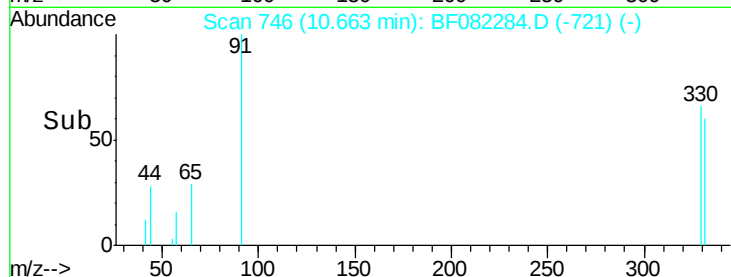
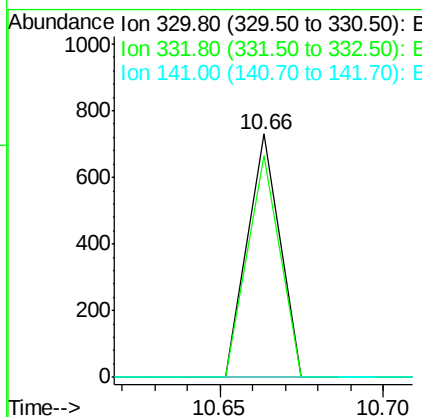
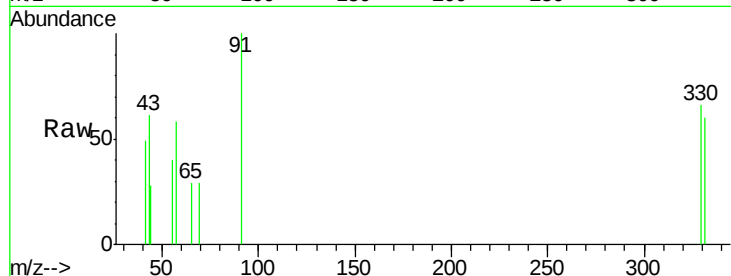




#41
 2,4,6-Tribromophenol
 Concen: 0.33 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

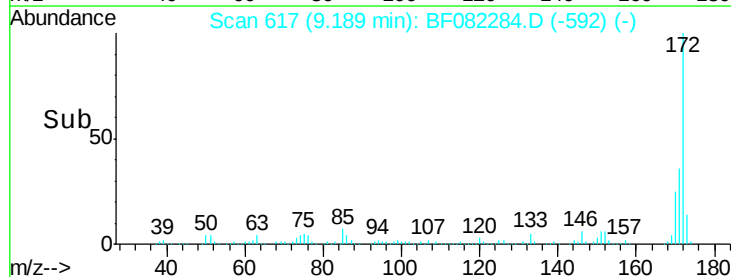
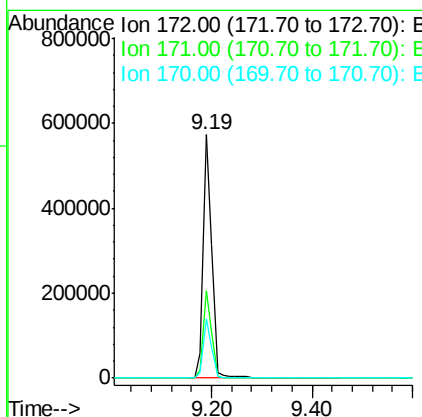
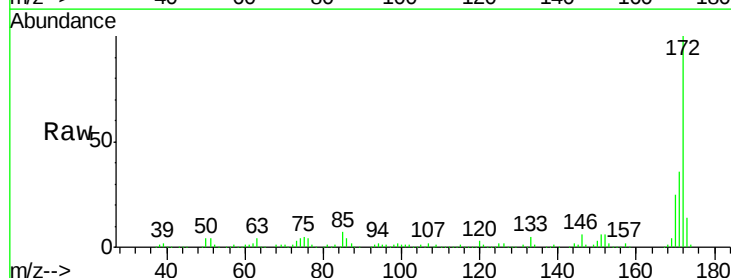
Instrument :
 BNA_F
 ClientSampled :
 LW-2

Tot Ion:330 Resp: 501
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.1 115.7
 141 0.0 29.8 44.8#



#44
 2-Fluorobiphenyl
 Concen: 70.70 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

Tgt Ion:172 Resp: 684988
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.5 19.7 29.5

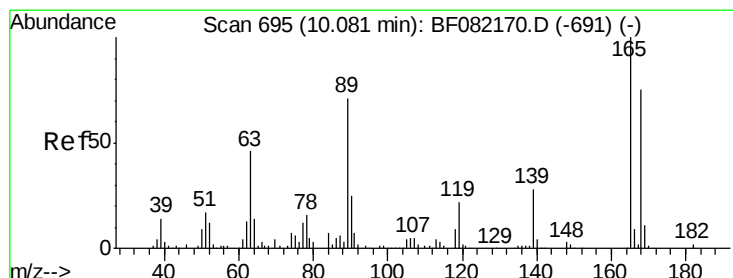
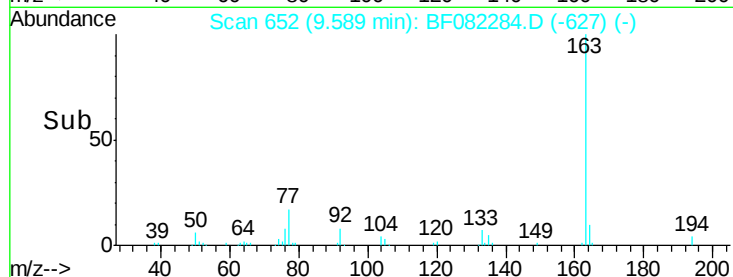
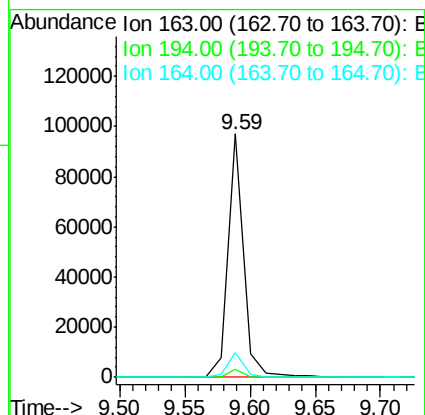
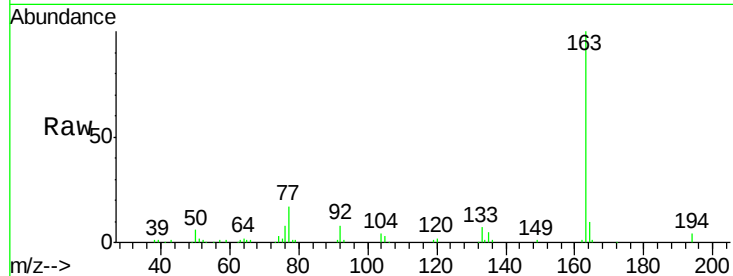




#49
Dimethylphthalate
Concen: 7.12 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

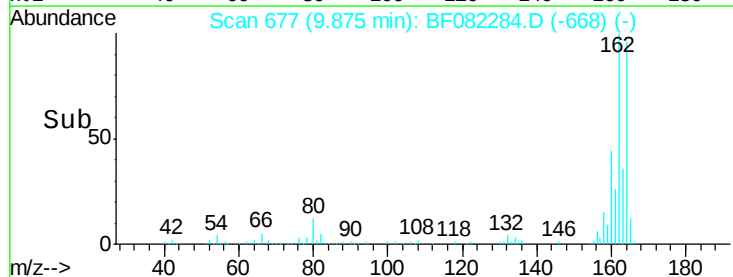
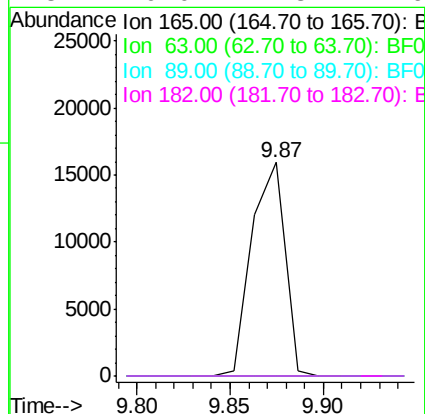
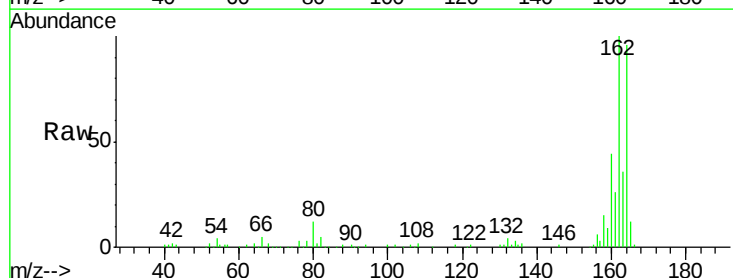
Instrument :
BNA_F
ClientSampleId :
LW-2

Tot Ion:163 Resp: 80596
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082284.D
Acq: 14 Oct 2015 17:43

Tgt Ion:165 Resp: 19747
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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

Instrument :

BNA_F

ClientSampleId :

LW-2

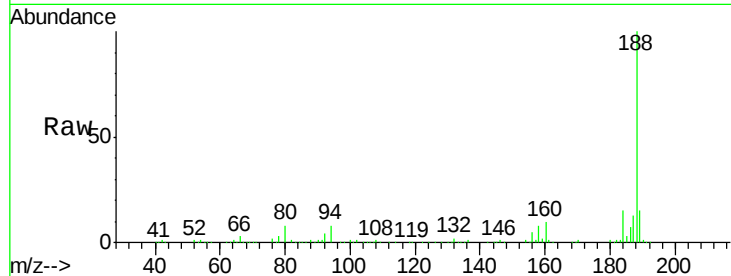
Tot Ion:188 Resp: 326949

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

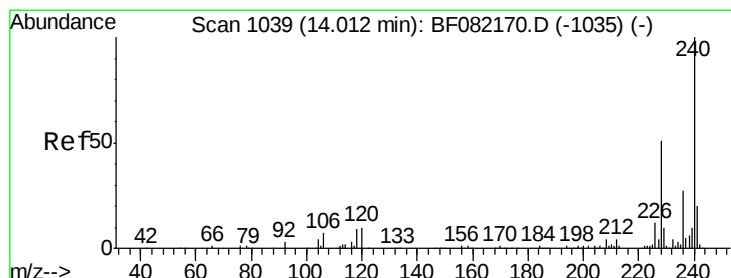
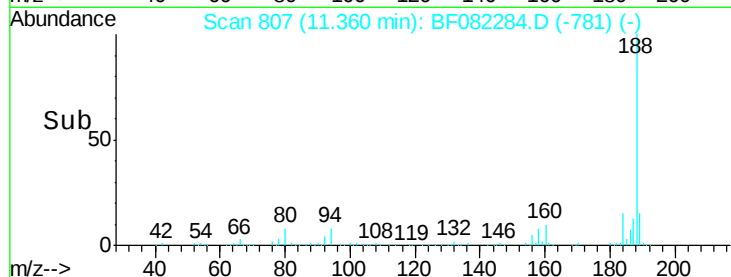
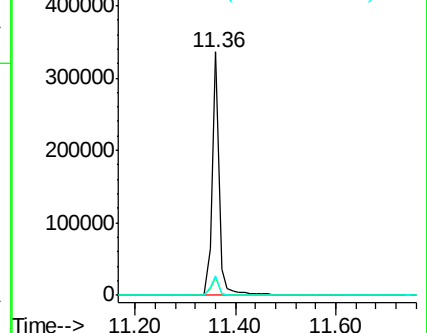
80 8.3 6.4 9.6



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF082284.D

Acq: 14 Oct 2015 17:43

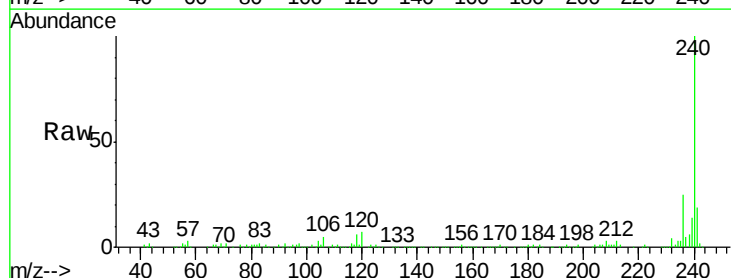
Tgt Ion:240 Resp: 288427

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

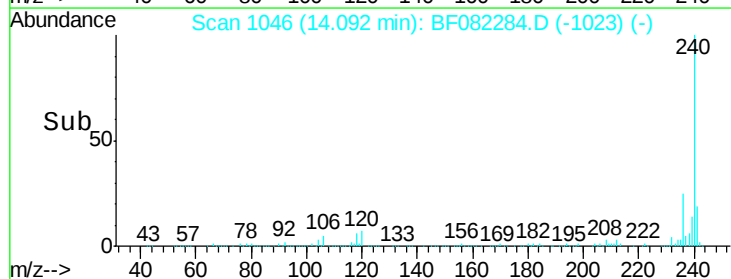
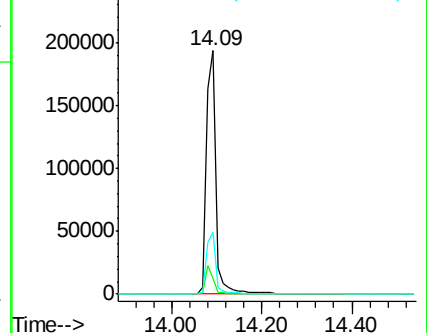
236 25.5 21.3 31.9

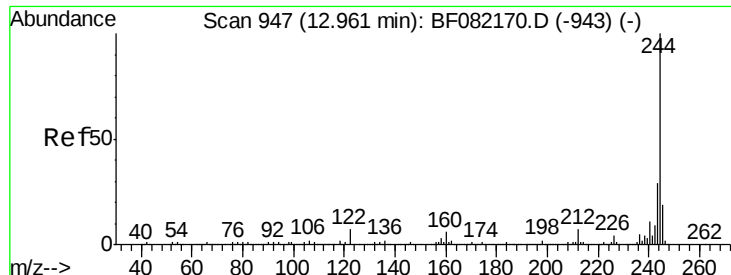


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

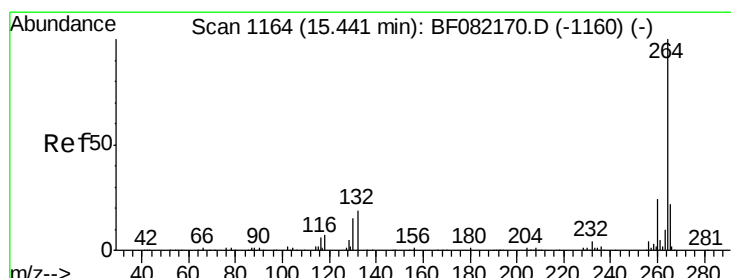
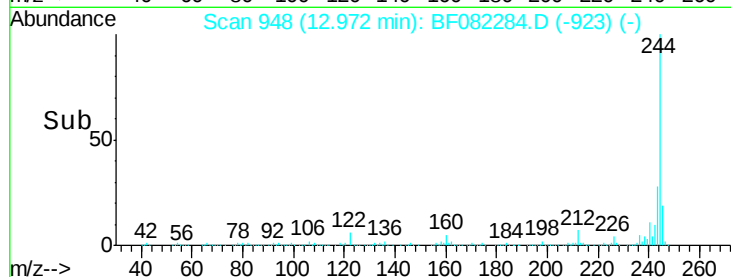
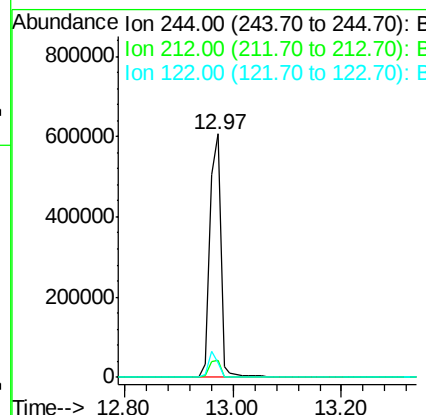
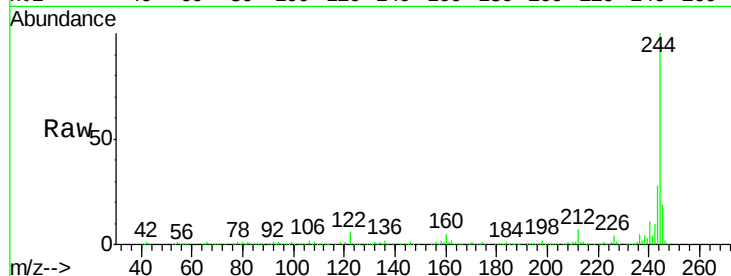




#78
 Terphenyl-d14
 Concen: 77.13 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

Instrument :
 BNA_F
 ClientSampleID :
 LW-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.1	5.9	8.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. -0.08 min
 Lab File: BF082284.D
 Acq: 14 Oct 2015 17:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	20.7	17.3	25.9

