

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081651.D
 Acq On : 16 Sep 2015 16:10
 Operator : UM/IZ
 Sample : G3647-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S12

Quant Time: Sep 17 02:21:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

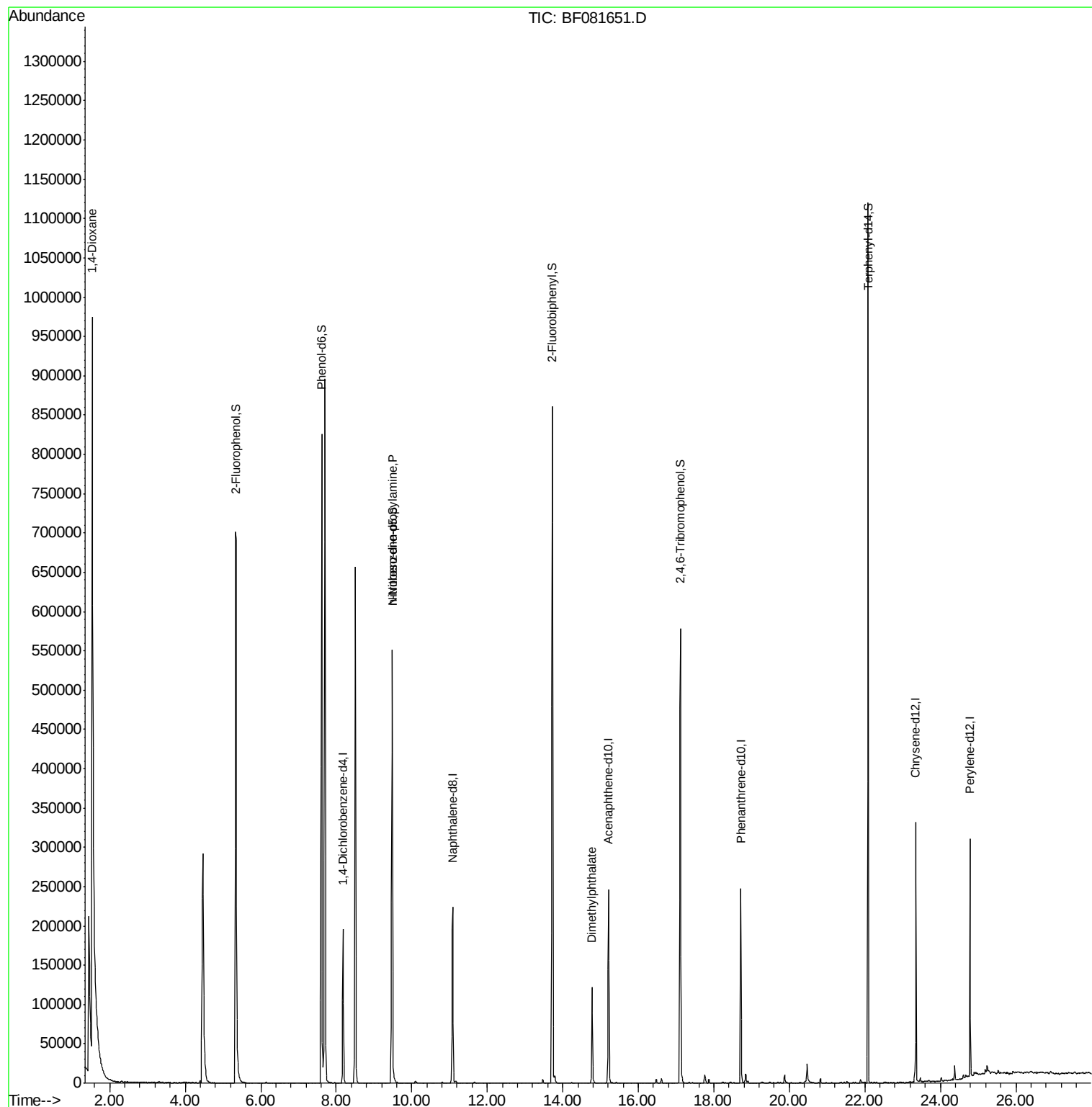
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	46816	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	189839	20.00	ng	-0.03
38) Acenaphthene-d10	15.21	164	91046	20.00	ng	-0.05
63) Phenanthrene-d10	18.72	188	188726	20.00	ng	-0.03
75) Chrysene-d12	23.35	240	159673	20.00	ng	-0.03
86) Perylene-d12	24.79	264	116310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	353055	117.00	ng	0.00
7) Phenol-d6	7.61	99	507970	127.18	ng	-0.03
23) Nitrobenzene-d5	9.49	82	331165	84.16	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	105539	130.19	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	548538	77.21	ng	-0.05
78) Terphenyl-d14	22.08	244	508861	74.19	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	56944	42.02	ng	# 11
19) n-Nitroso-di-n-propylamine	9.49	70	43871	16.14	ng	# 68
49) Dimethylphthalate	14.78	163	88773	12.55	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

Instrument :

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ClientSampleId :

S12

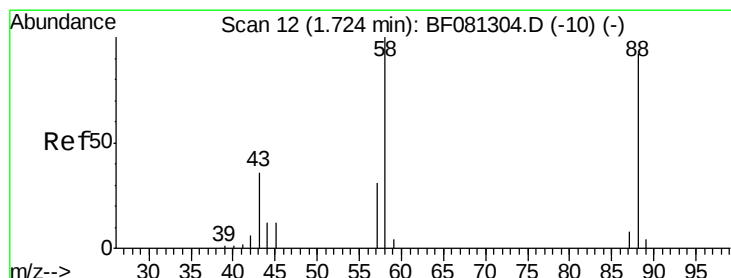
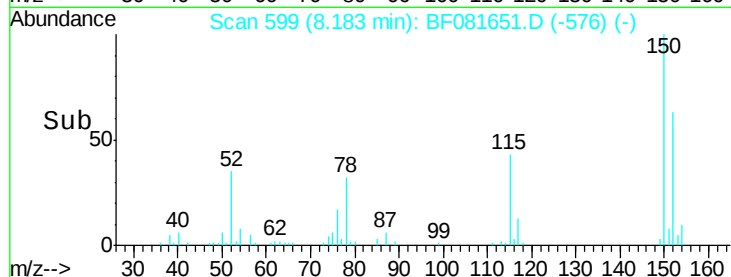
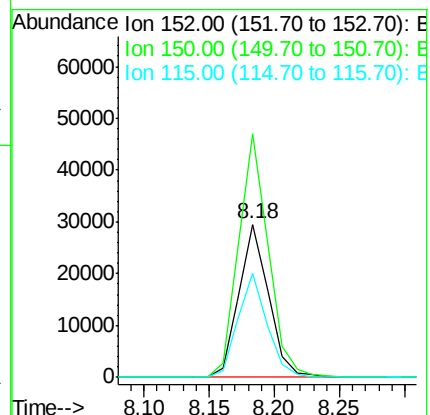
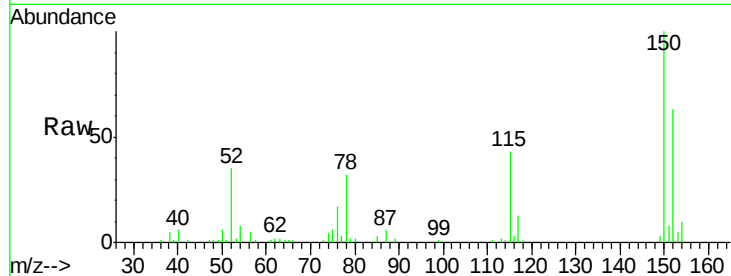
Tgt Ion:152 Resp: 46816

Ion Ratio Lower Upper

152 100

150 158.8 124.7 187.1

115 67.8 39.0 58.4#



#2

1,4-Dioxane

Concen: 42.02 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

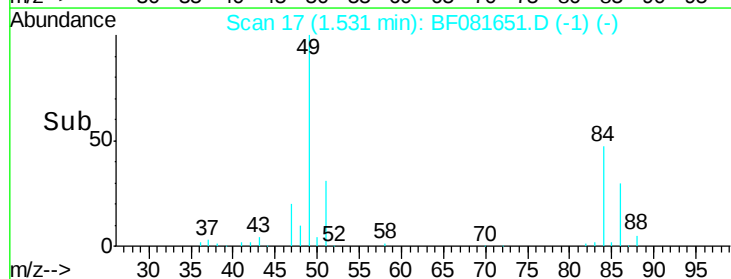
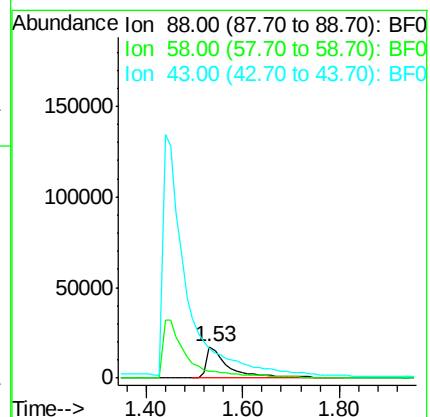
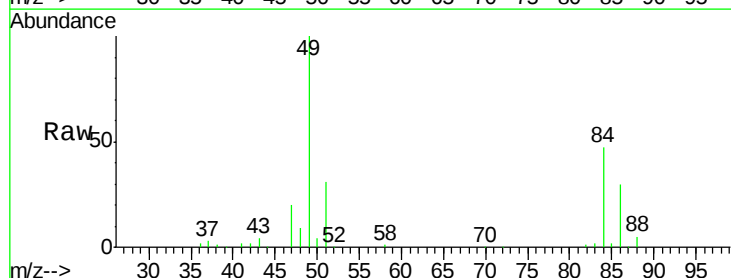
Tgt Ion: 88 Resp: 56944

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#

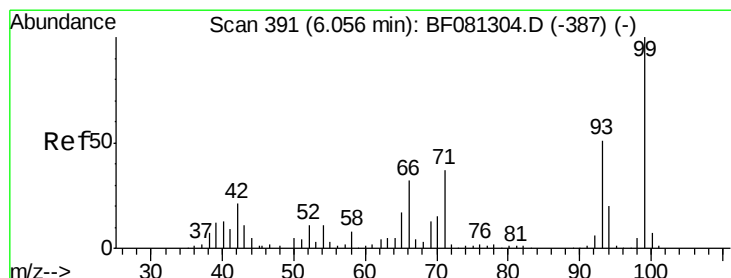
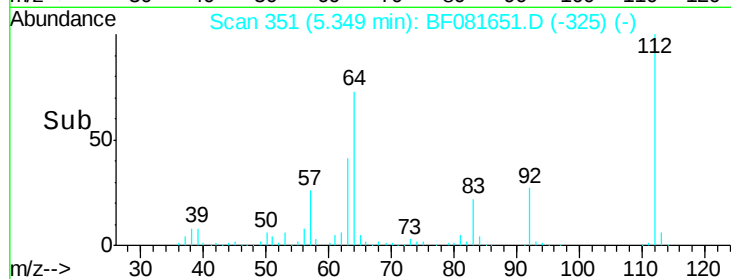
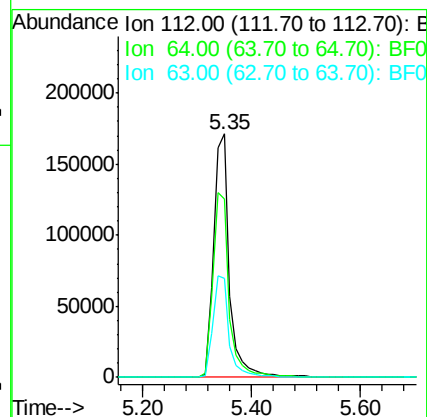
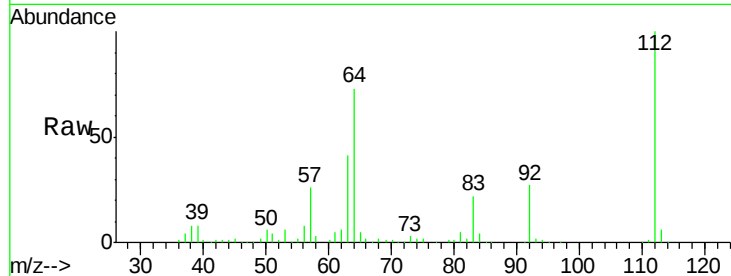




#5
 2-Fluorophenol
 Concen: 117.00 ng
 RT: 5.35 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

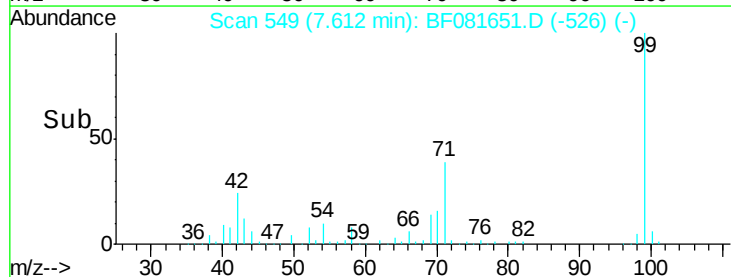
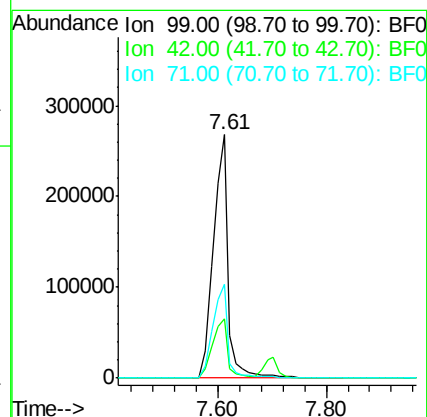
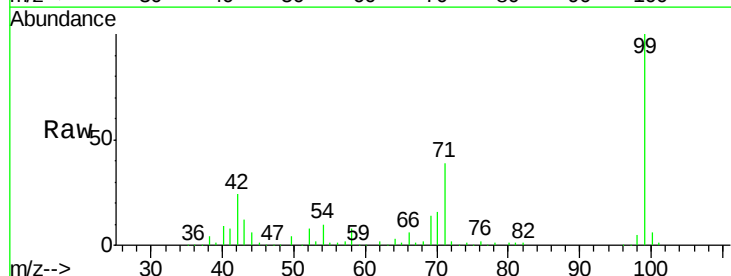
Instrument :
 BNA_F
 ClientSampleId :
 S12

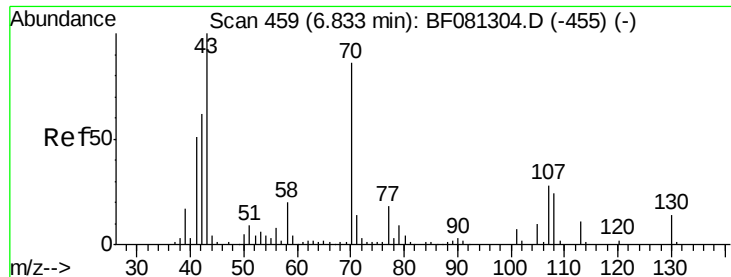
Tgt Ion: 112 Resp: 353055
 Ion Ratio Lower Upper
 112 100
 64 73.1 39.7 59.5#
 63 40.8 17.4 26.0#



#7
 Phenol-d6
 Concen: 127.18 ng
 RT: 7.61 min Scan# 549
 Delta R.T. -0.03 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

Tgt Ion: 99 Resp: 507970
 Ion Ratio Lower Upper
 99 100
 42 24.1 13.7 20.5#
 71 38.8 14.2 21.2#

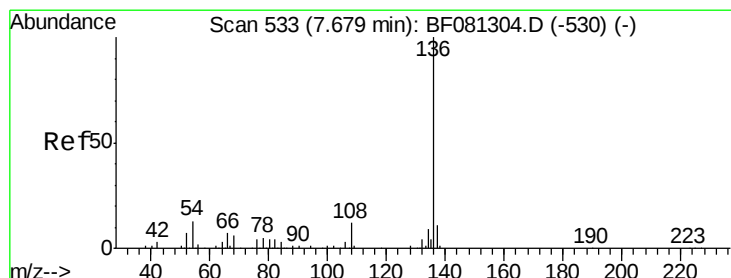
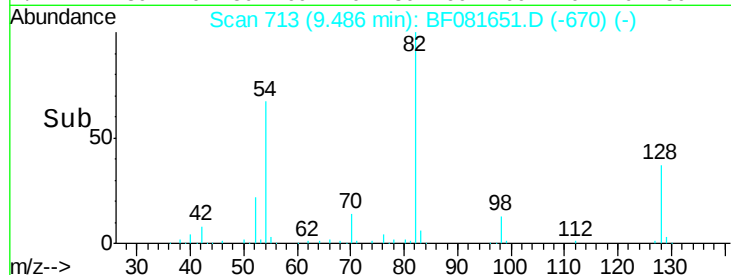
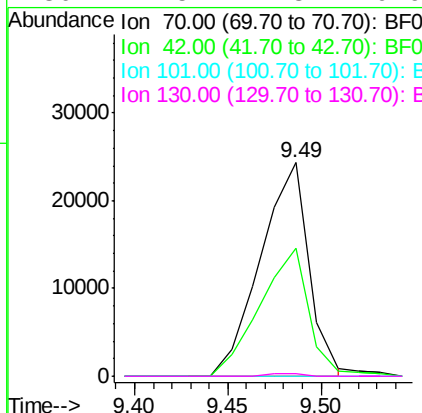
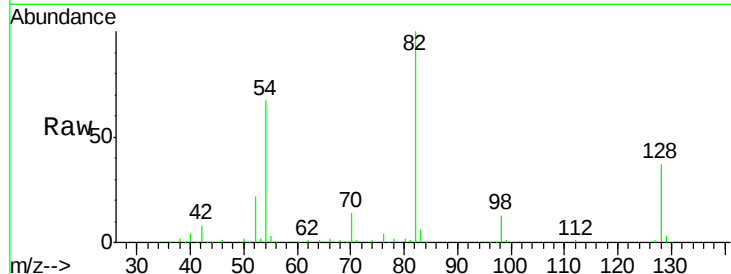




#19
n-Nitroso-di-n-propylamine
Concen: 16.14 ng
RT: 9.49 min Scan# 713
Delta R.T. 0.19 min
Lab File: BF081651.D
Acq: 16 Sep 2015 16:10

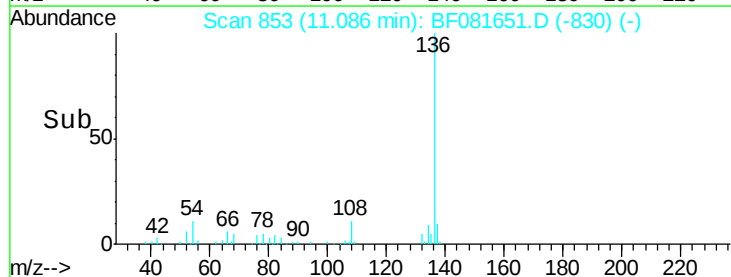
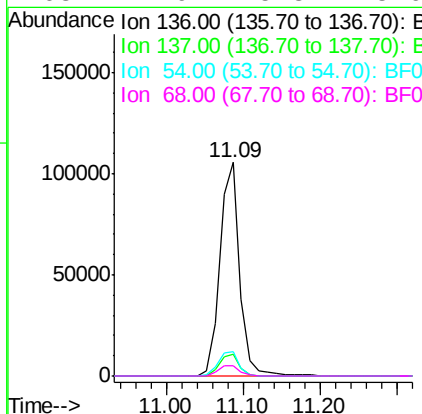
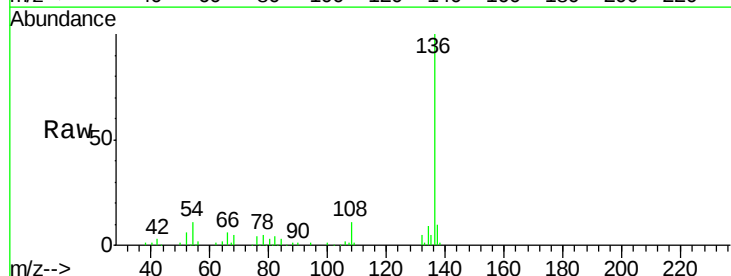
Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion: 70 Resp: 43871
Ion Ratio Lower Upper
70 100
42 60.0 63.8 95.6#
101 0.0 9.2 13.8#
130 1.5 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF081651.D
Acq: 16 Sep 2015 16:10

Tgt Ion: 136 Resp: 189839
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 11.3 8.2 12.2
68 4.9 5.8 8.6#

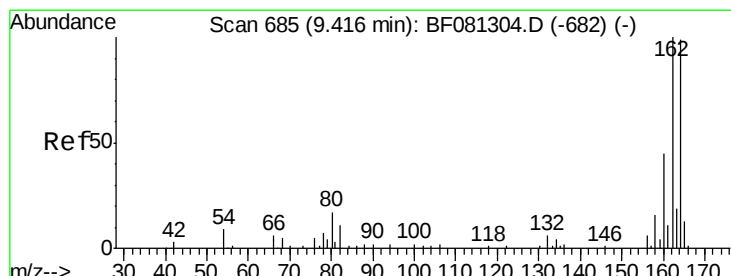
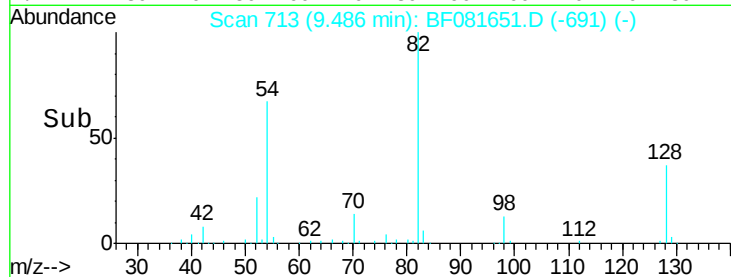
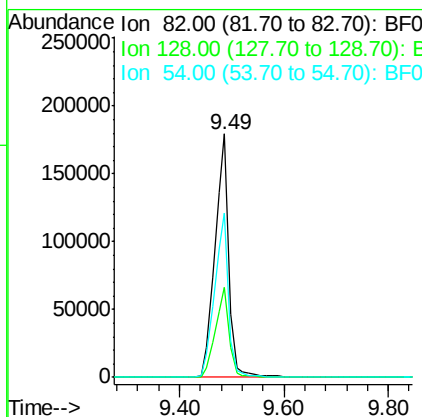
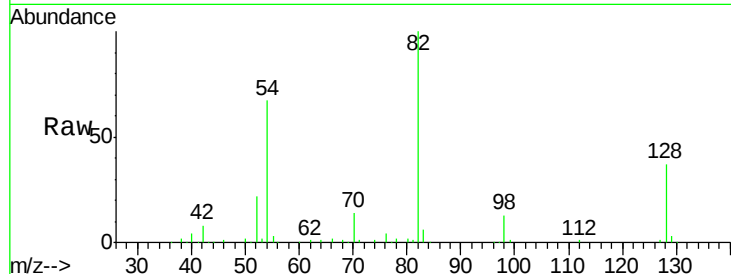




#23
 Nitrobenzene-d5
 Concen: 84.16 ng
 RT: 9.49 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

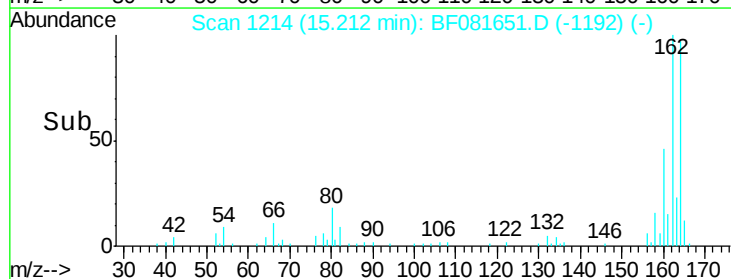
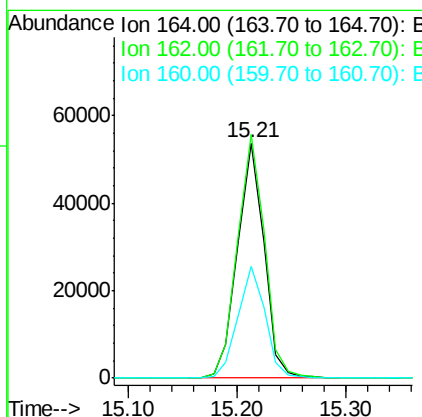
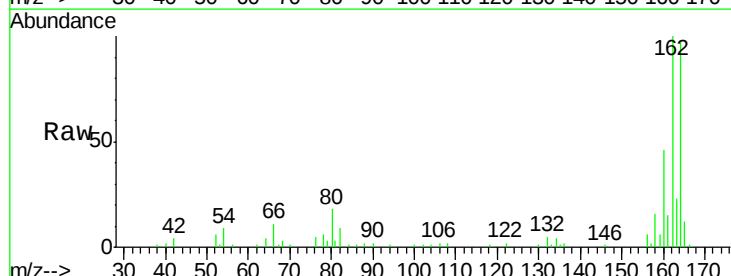
Instrument :
 BNA_F
 ClientSampleId :
 S12

Tgt Ion: 82 Resp: 331165
 Ion Ratio Lower Upper
 82 100
 128 37.0 51.0 76.6#
 54 67.3 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

Tgt Ion: 164 Resp: 91046
 Ion Ratio Lower Upper
 164 100
 162 103.6 75.2 112.8
 160 47.7 31.5 47.3#

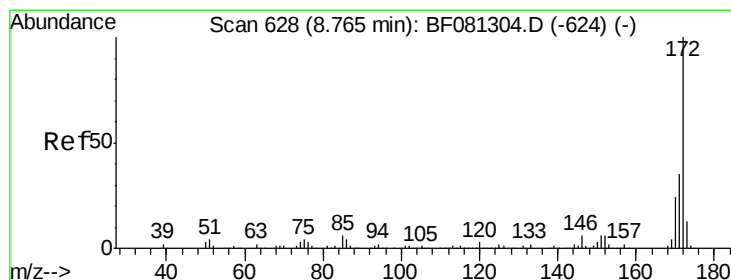
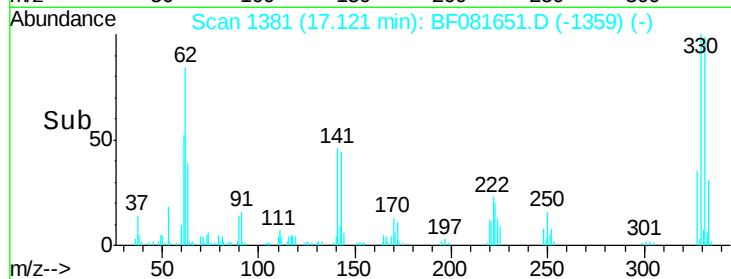
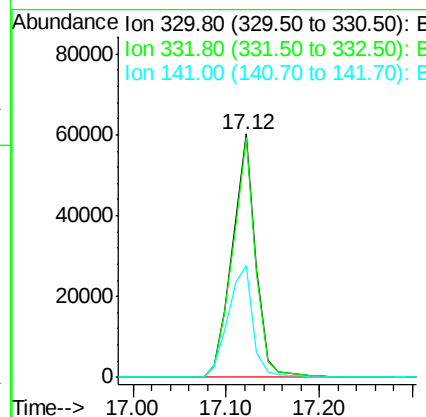
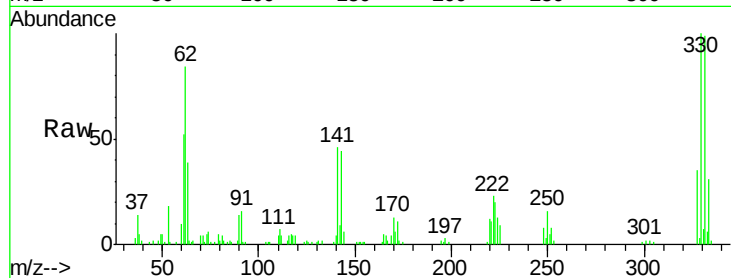




#41
 2,4,6-Tribromophenol
 Concen: 130.19 ng
 RT: 17.12 min Scan# 1381
 Delta R.T. -0.05 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

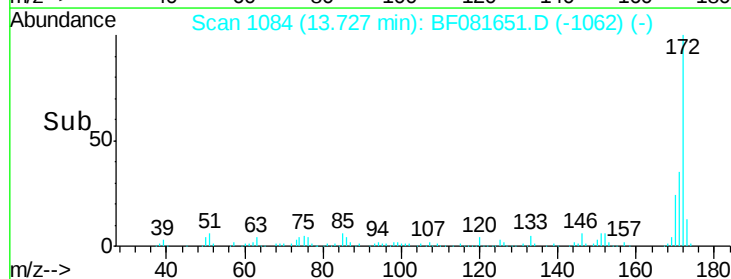
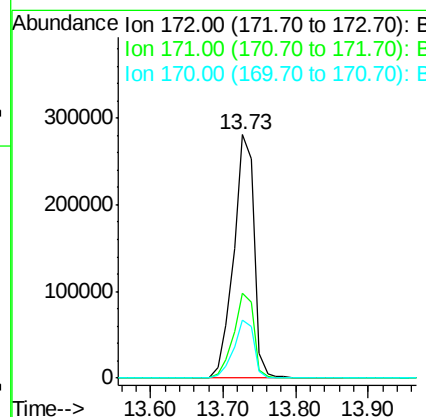
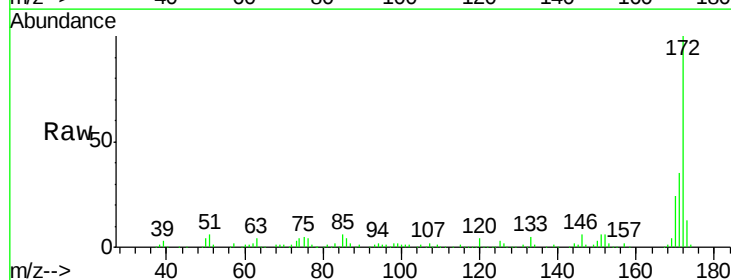
Instrument :
 BNA_F
 ClientSampleId :
 S12

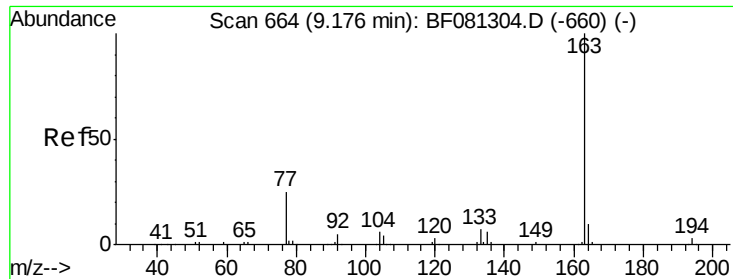
Tgt Ion:330 Resp: 105539
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 48.9 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 77.21 ng
 RT: 13.73 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF081651.D
 Acq: 16 Sep 2015 16:10

Tgt Ion:172 Resp: 548538
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.1 39.1
 170 23.7 17.4 26.2





#49

Dimethylphthalate

Concen: 12.55 ng

RT: 14.78 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

Instrument :

BNA_F

ClientSampleId :

S12

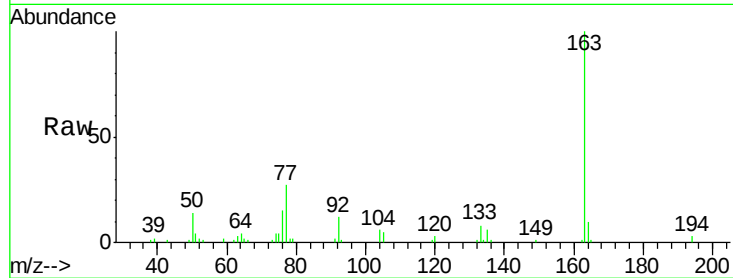
Tgt Ion:163 Resp: 88773

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

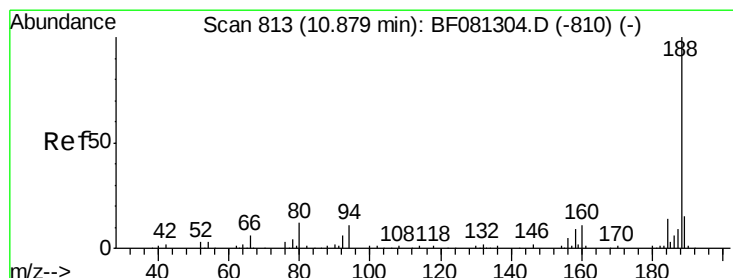
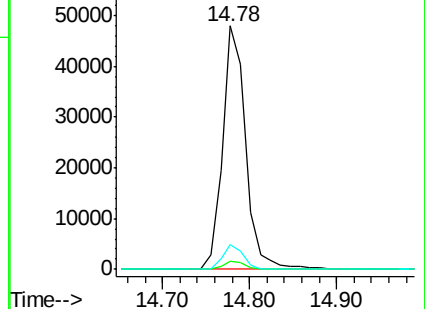
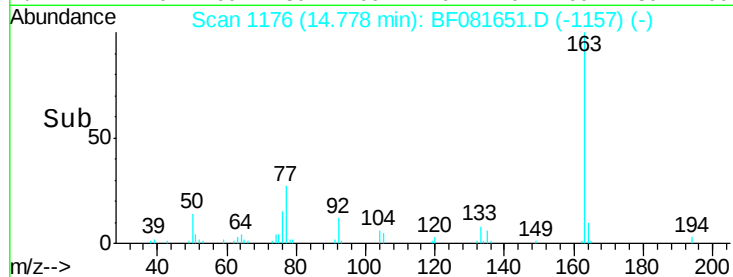
164 9.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.72 min Scan# 1521

Delta R.T. -0.03 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

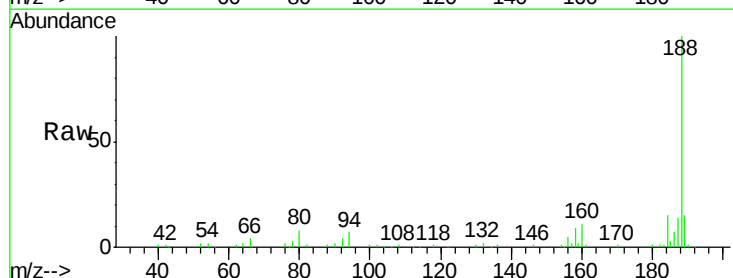
Tgt Ion:188 Resp: 188726

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

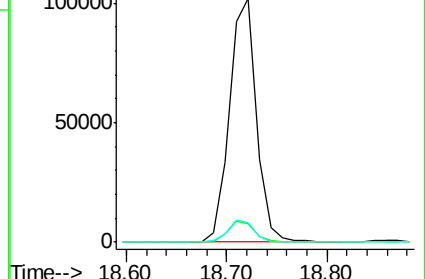
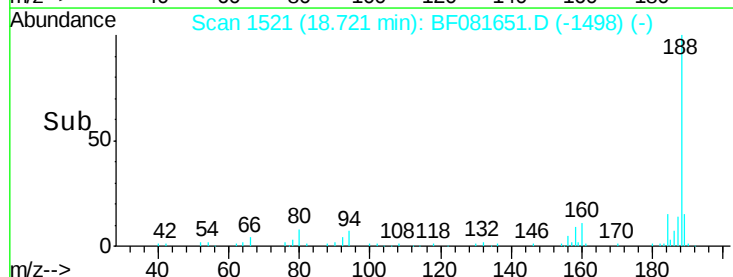
80 8.1 11.0 16.4#

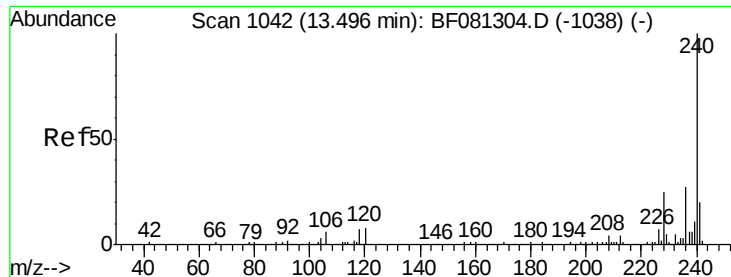


Abundance Ion 188.00 (187.70 to 188.70): E

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: 23.35 min Scan# 1926

Delta R.T. -0.03 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

Instrument :

BNA_F

ClientSampleId :

S12

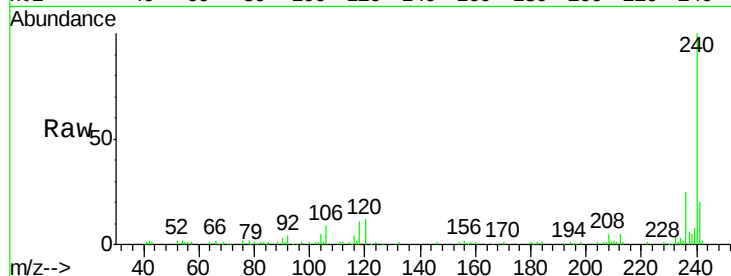
Tgt Ion:240 Resp: 159673

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

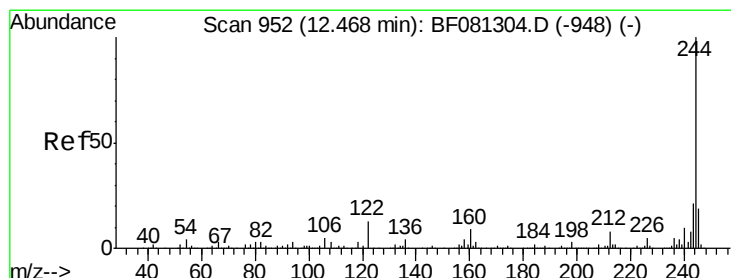
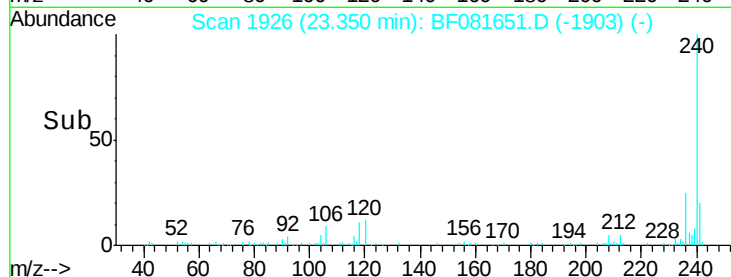
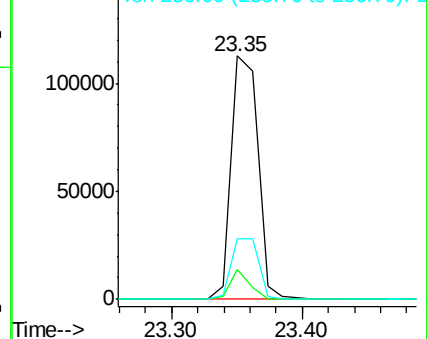
236 25.1 18.4 27.6



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: 74.19 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081651.D

Acq: 16 Sep 2015 16:10

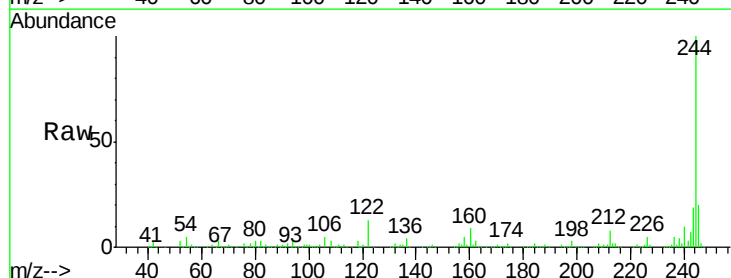
Tgt Ion:244 Resp: 508861

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

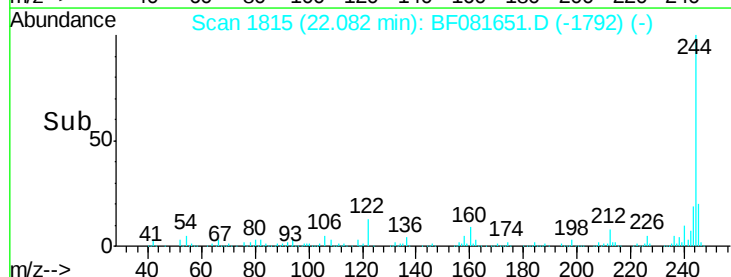
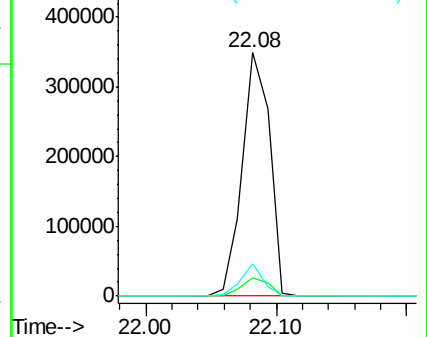
122 13.3 17.4 26.2#

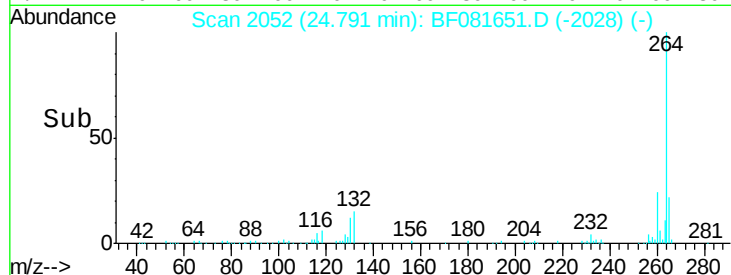
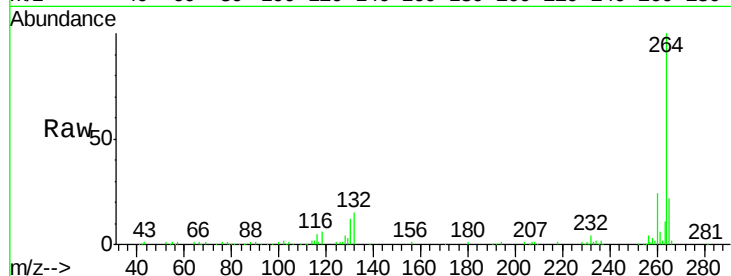
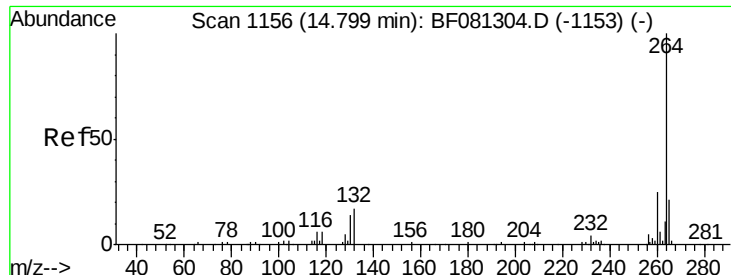


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 2052
Delta R.T. -0.02 min
Lab File: BF081651.D
Acq: 16 Sep 2015 16:10

Instrument :
BNA_F
ClientSampleId :
S12

Tgt Ion:	264	Resp:	116310
Ion Ratio	Lower	Upper	
264	100		
260	23.9	16.7	25.1
265	21.6	17.2	25.8

