

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086182.D
 Acq On : 8 Apr 2016 21:48
 Operator : UM/SJ
 Sample : H2346-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-04(0.5-20.0)

Quant Time: Apr 09 00:25:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

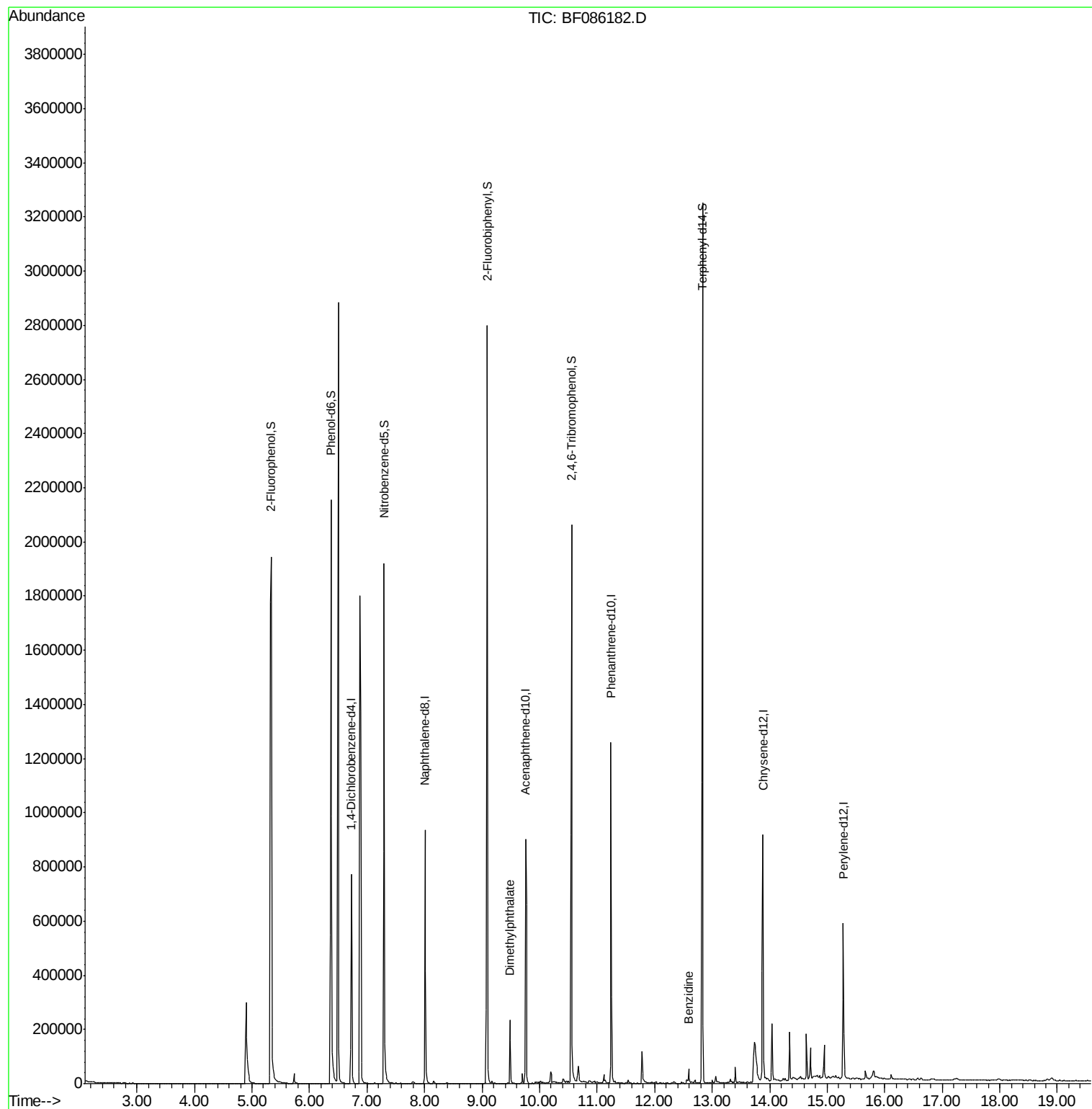
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122433	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	504649	20.00	ng	-0.06
38) Acenaphthene-d10	9.76	164	238117	20.00	ng	-0.06
63) Phenanthrene-d10	11.24	188	457939	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	350943	20.00	ng	-0.05
86) Perylene-d12	15.28	264	247587	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	934908	130.52	ng	-0.03
7) Phenol-d6	6.37	99	1087997	119.59	ng	-0.05
23) Nitrobenzene-d5	7.30	82	761391	88.97	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	297833	133.26	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1258532	87.88	ng	-0.05
78) Terphenyl-d14	12.83	244	1052226	70.48	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	129430	7.33	ng	99
76) Benzidine	12.59	184	28332	2.29	ng	98

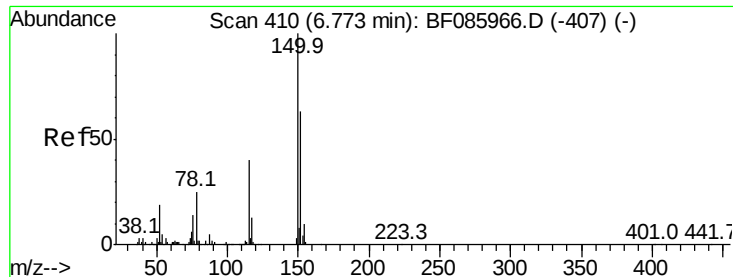
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-04(0.5-20.0)

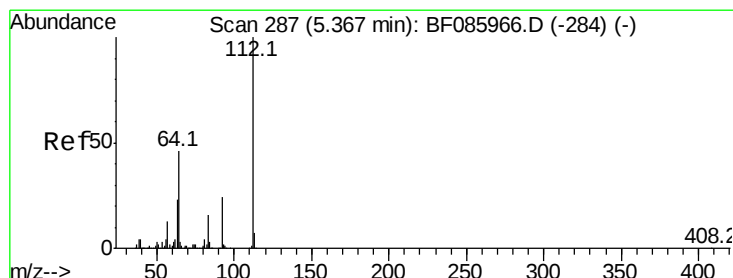
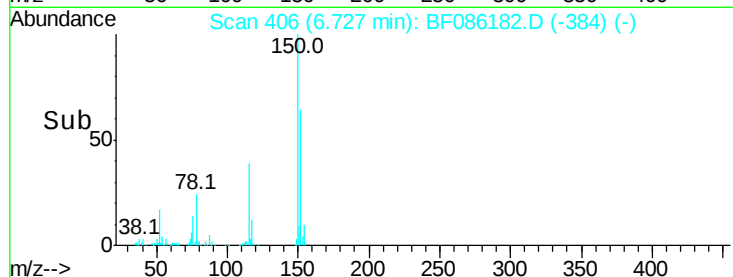
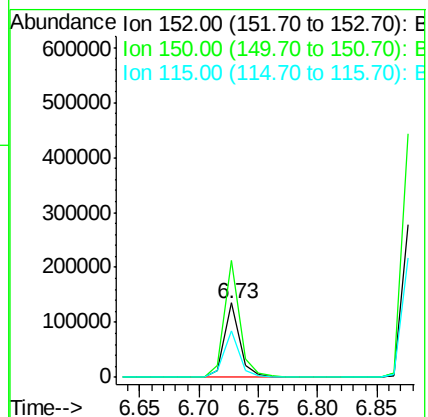
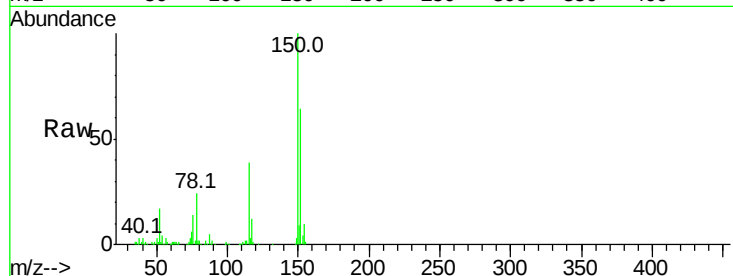
Tot Ion:152 Resp: 122433

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.2

115 61.8 47.0 70.6



#5

2-Fluorophenol

Concen: 130.52 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

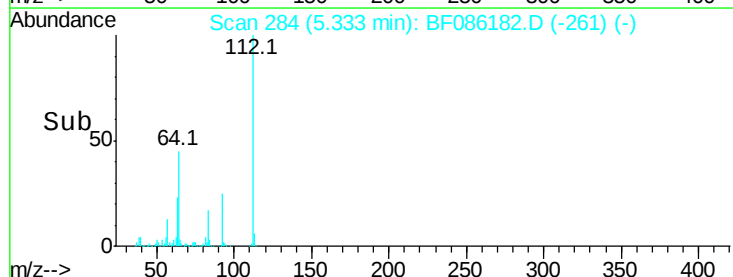
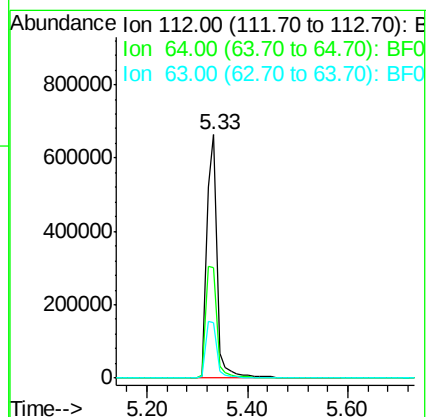
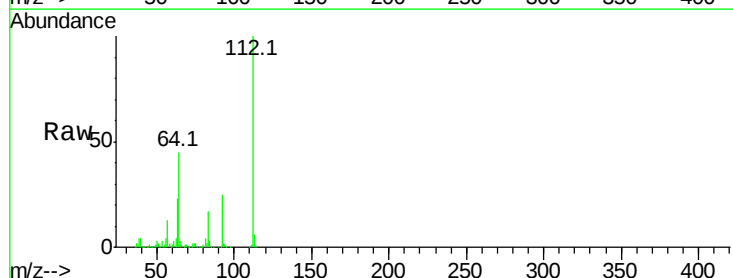
Tgt Ion:112 Resp: 934908

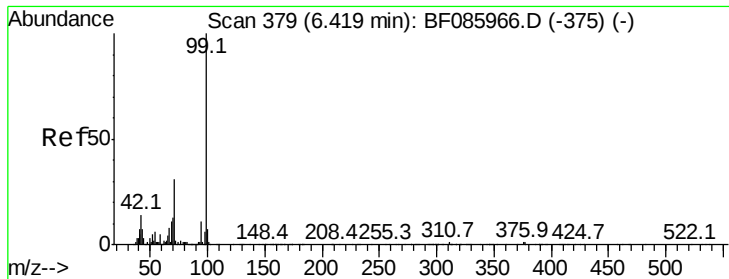
Ion Ratio Lower Upper

112 100

64 45.4 39.9 59.9

63 23.0 20.2 30.2





#7

Phenol-d6

Concen: 119.59 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-04(0.5-20.0)

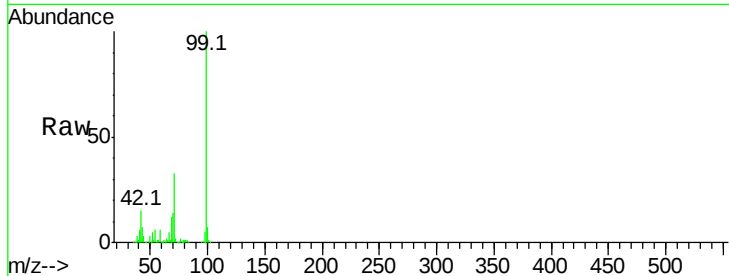
Tot Ion: 99 Resp: 1087997

Ion Ratio Lower Upper

99 100

42 15.0 11.1 16.7

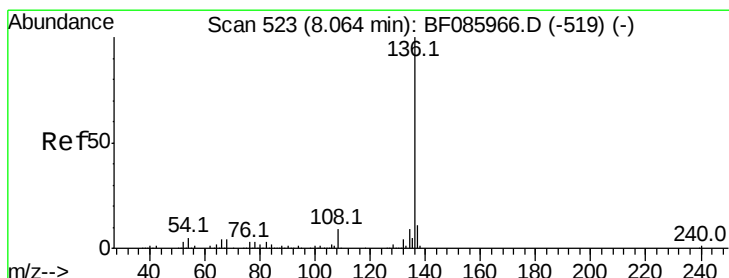
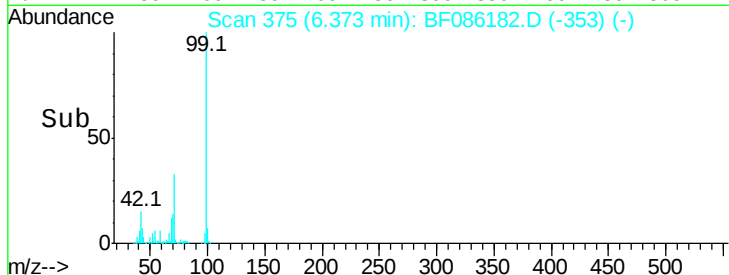
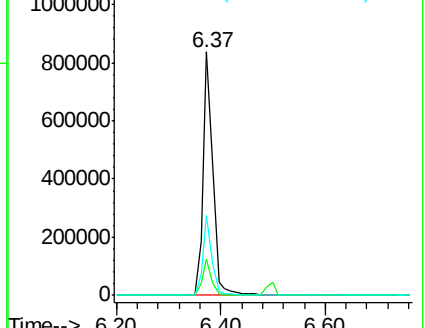
71 32.9 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

Tgt Ion: 136 Resp: 504649

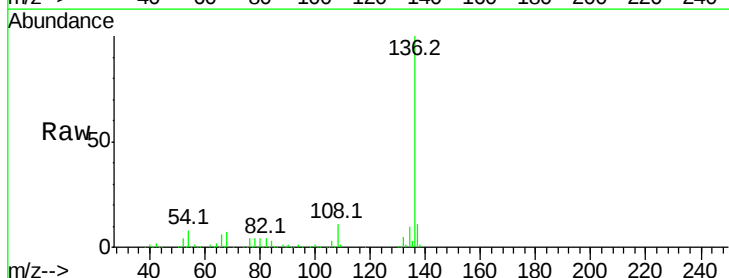
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 7.4 11.0

68 6.7 5.8 8.8

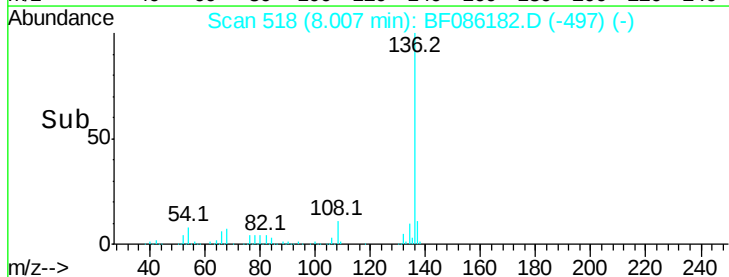
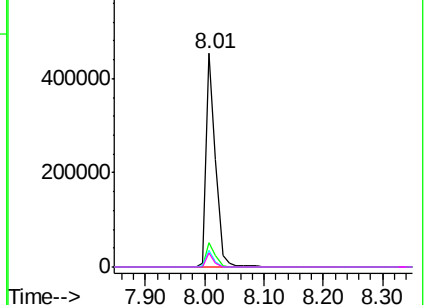


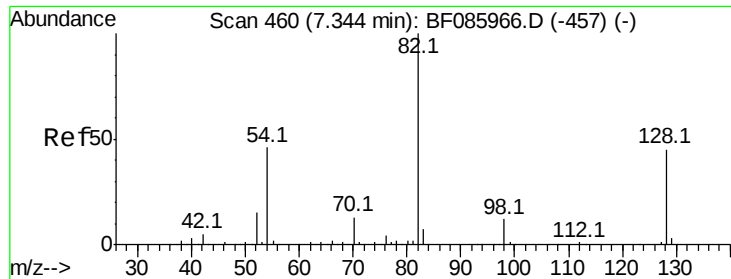
Abundance Ion 136.00 (135.70 to 136.70): E

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

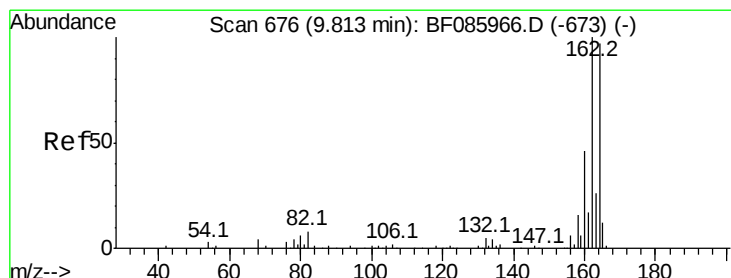
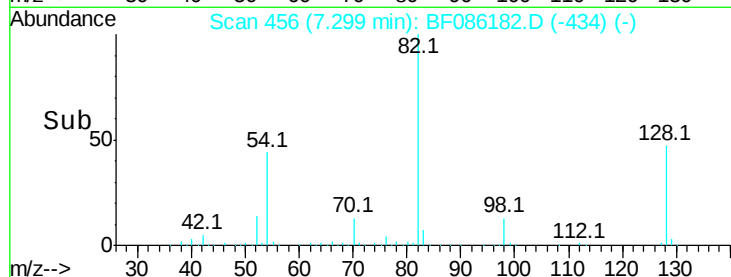
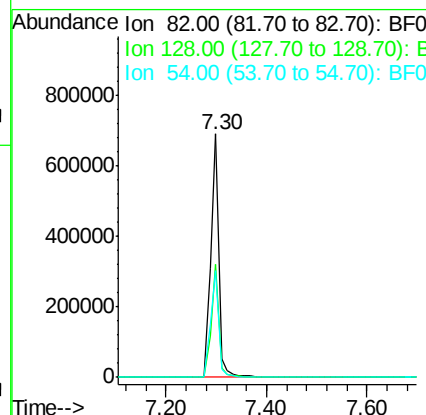
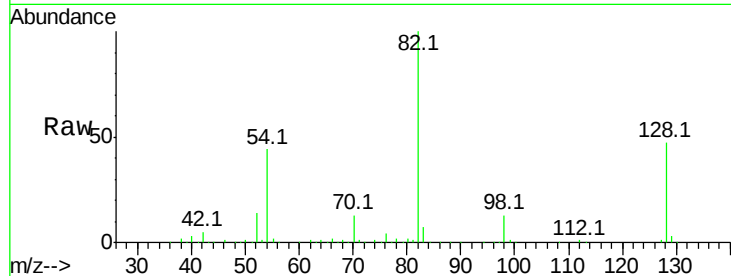




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086182.D
 Acq: 8 Apr 2016 21:48

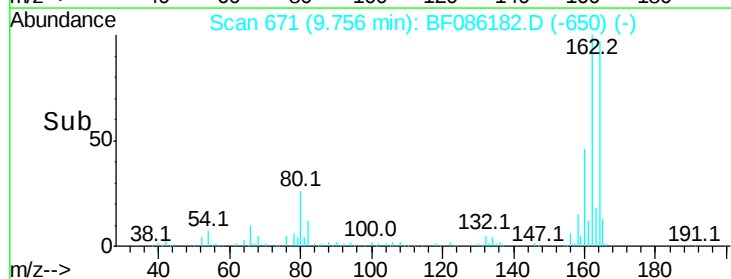
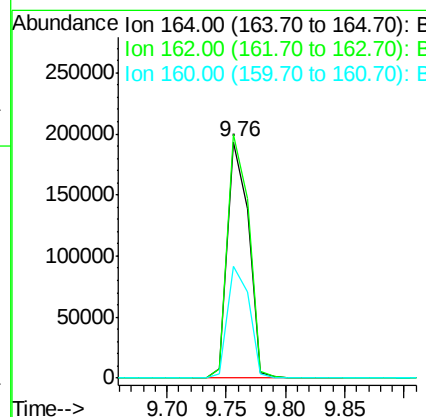
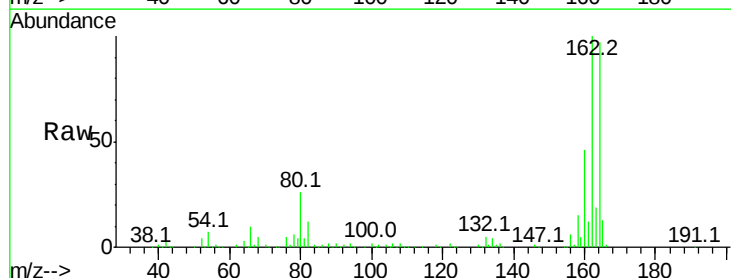
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-04(0.5-20.0)

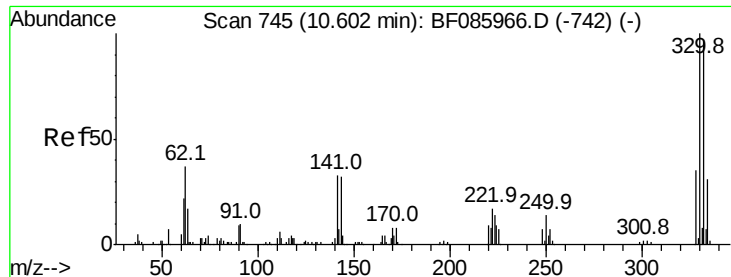
Tot Ion	82	Resp	761391
Ion Ratio	Lower	Upper	
82	100		
128	46.5	41.8	62.8
54	43.9	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.06 min
 Lab File: BF086182.D
 Acq: 8 Apr 2016 21:48

Tgt Ion	164	Resp	238117
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.1	123.1
160	47.6	37.4	56.2

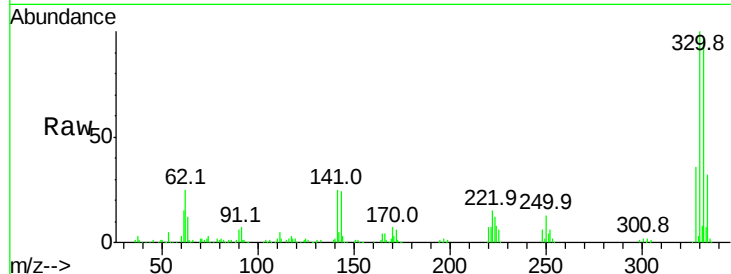




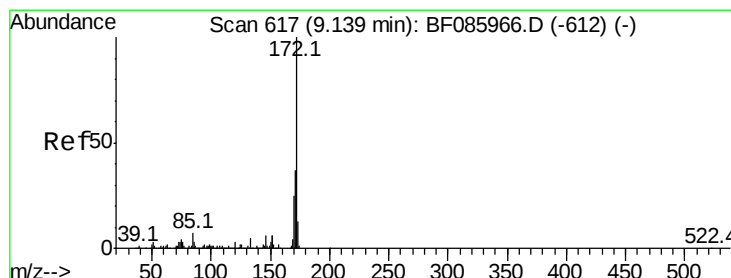
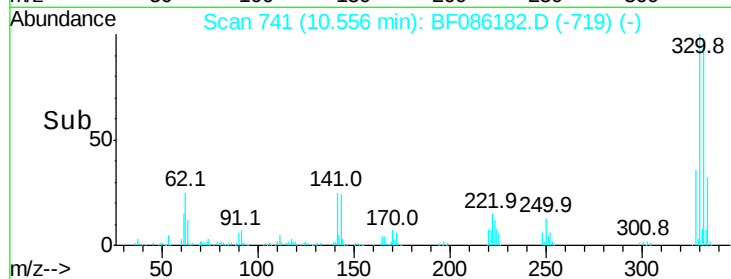
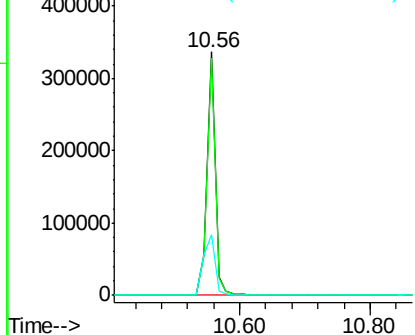
#41
 2,4,6-Tribromophenol
 Concen: 133.26 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086182.D
 Acq: 8 Apr 2016 21:48

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-04(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	35.1	31.5	47.3

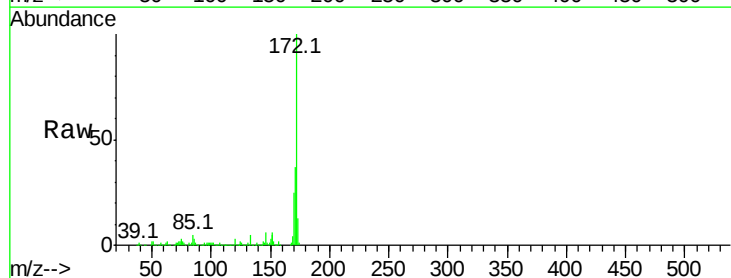


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

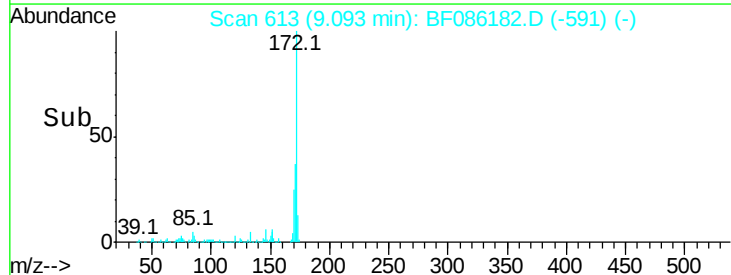
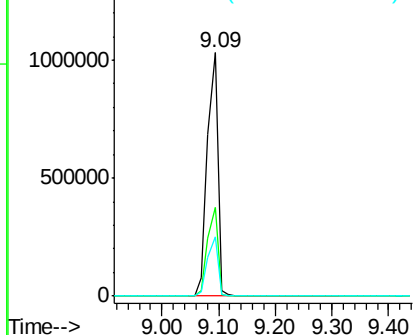


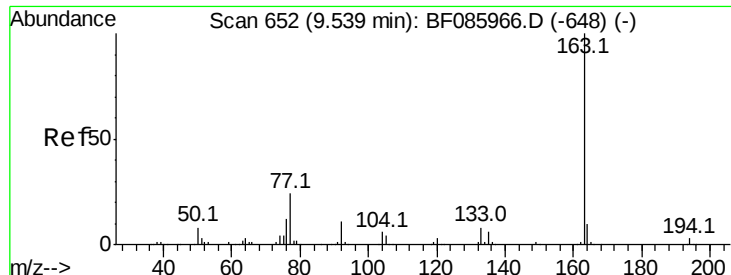
#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086182.D
 Acq: 8 Apr 2016 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6



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

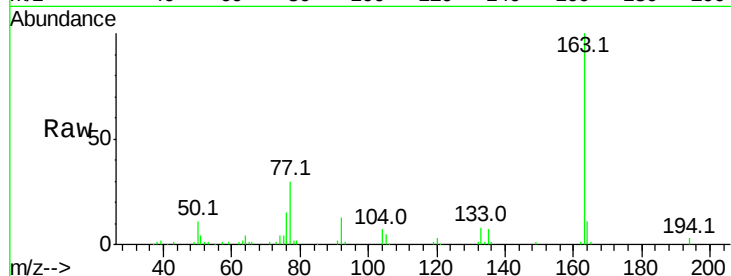




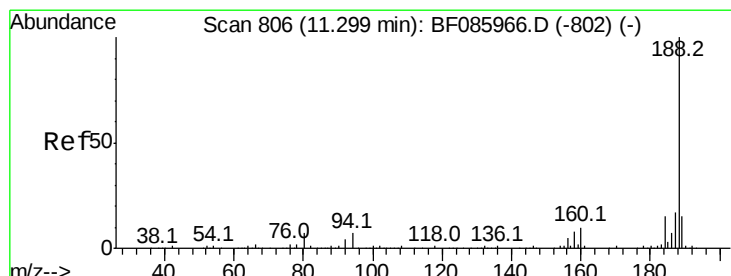
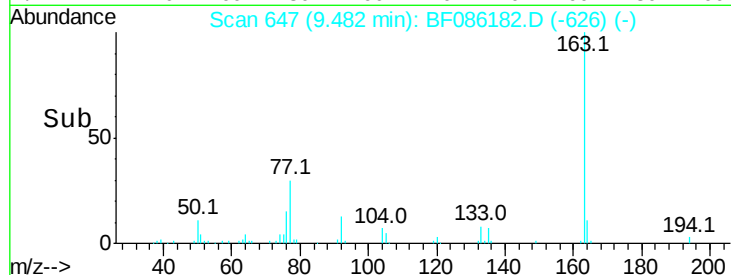
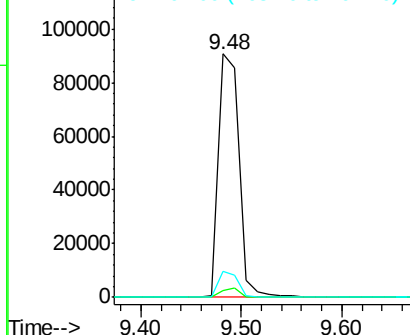
#49
Dimethylphthalate
Concen: 7.33 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tot Ion:163 Resp: 129430
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.7 8.3 12.5

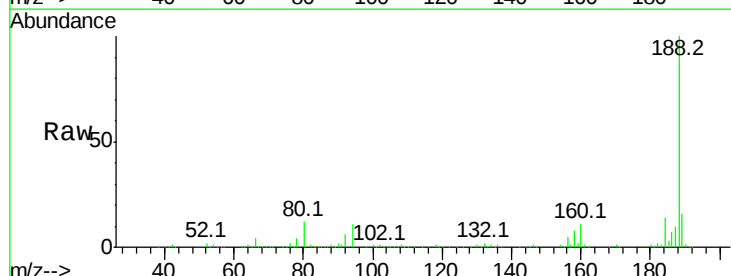


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

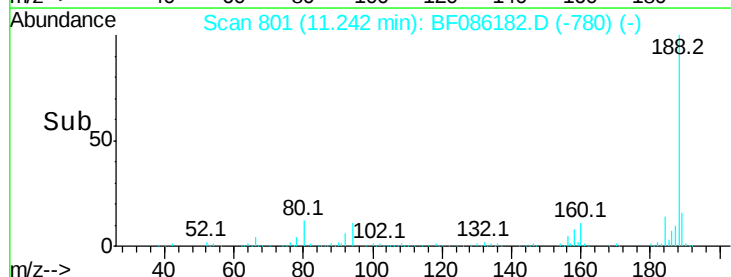
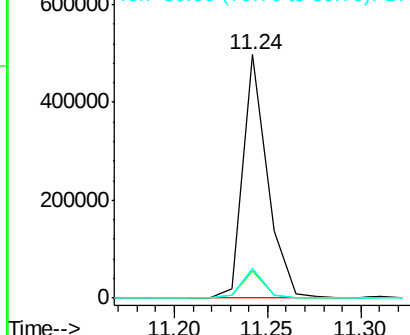


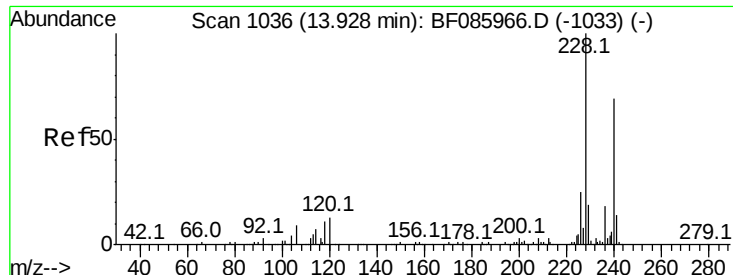
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:188 Resp: 457939
Ion Ratio Lower Upper
188 100
94 11.3 5.4 8.0#
80 12.1 5.5 8.3#



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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-04(0.5-20.0)

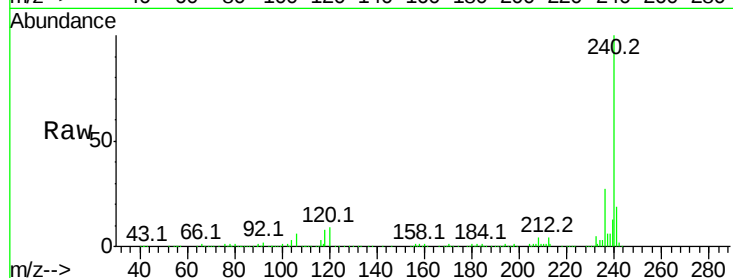
Tot Ion:240 Resp: 350943

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

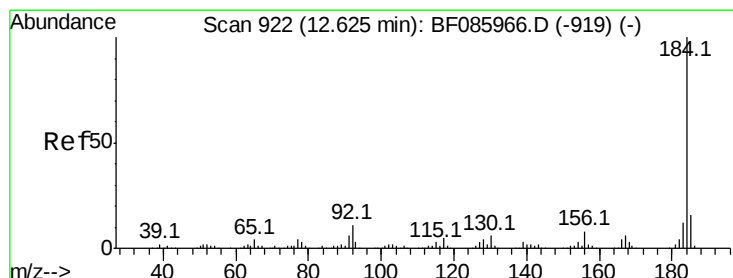
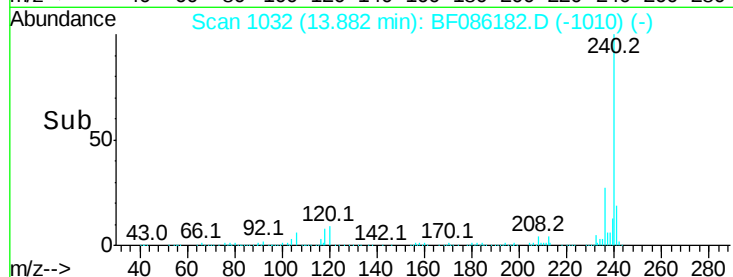
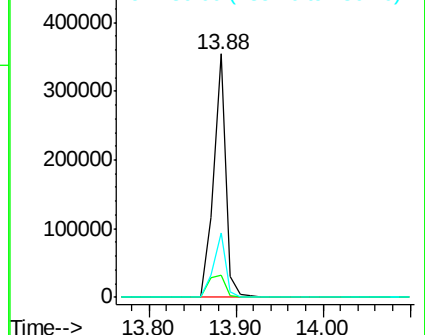
236 26.5 20.6 30.8



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



#76

Benzidine

Concen: 2.29 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

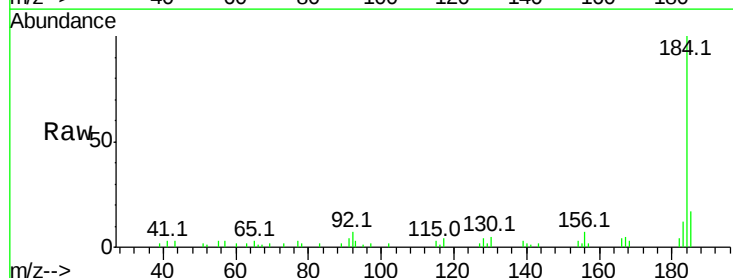
Tgt Ion:184 Resp: 28332

Ion Ratio Lower Upper

184 100

185 16.5 12.4 18.6

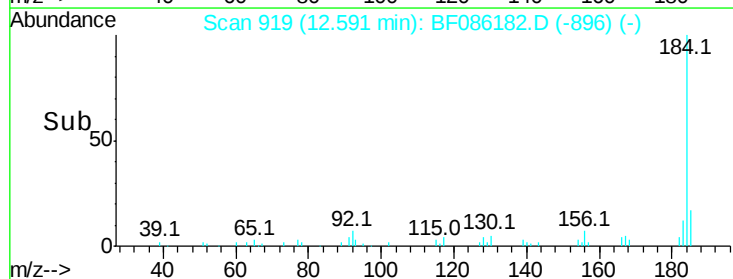
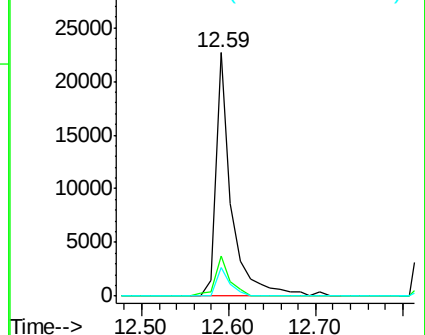
183 11.9 9.4 14.2

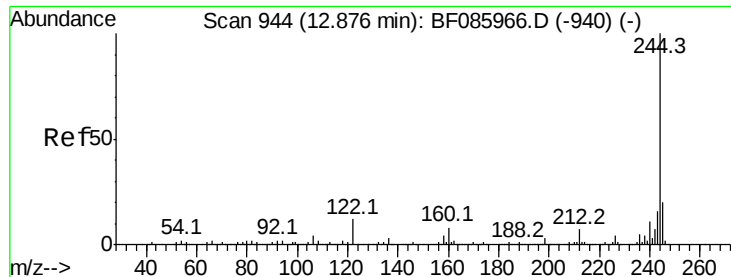


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 70.48 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-04(0.5-20.0)

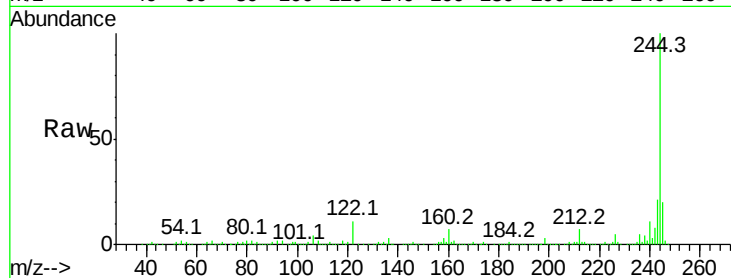
Tot Ion:244 Resp: 1052226

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

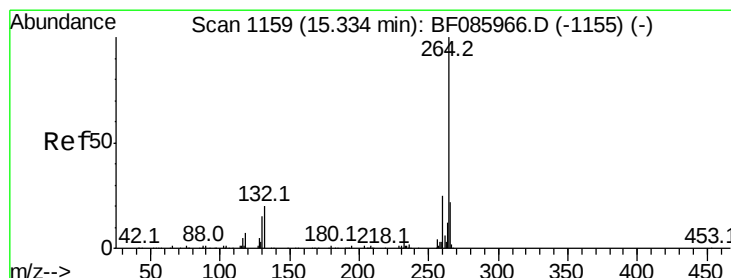
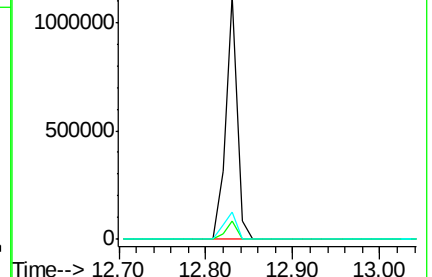
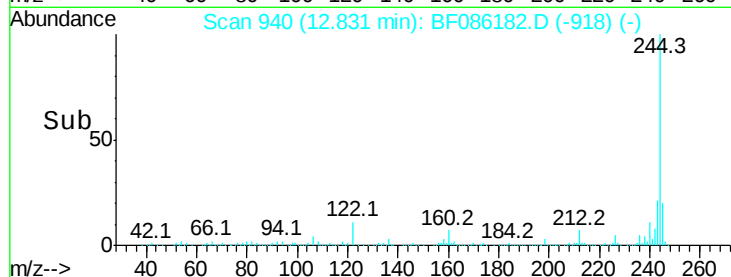
122 11.1 10.2 15.4



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086182.D

Acq: 8 Apr 2016 21:48

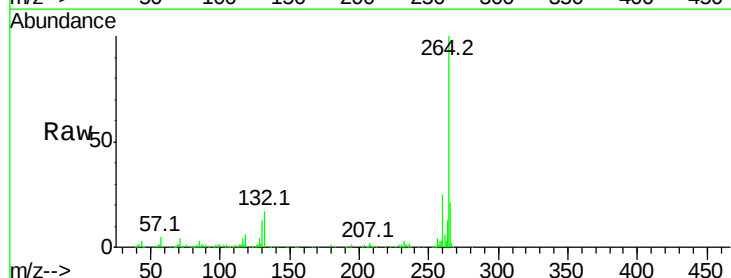
Tgt Ion:264 Resp: 247587

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 20.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

