

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086020.D
 Acq On : 2 Apr 2016 19:14
 Operator : UM/SJ
 Sample : H2050-08
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W8DAY1

Quant Time: Apr 04 03:30:08 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

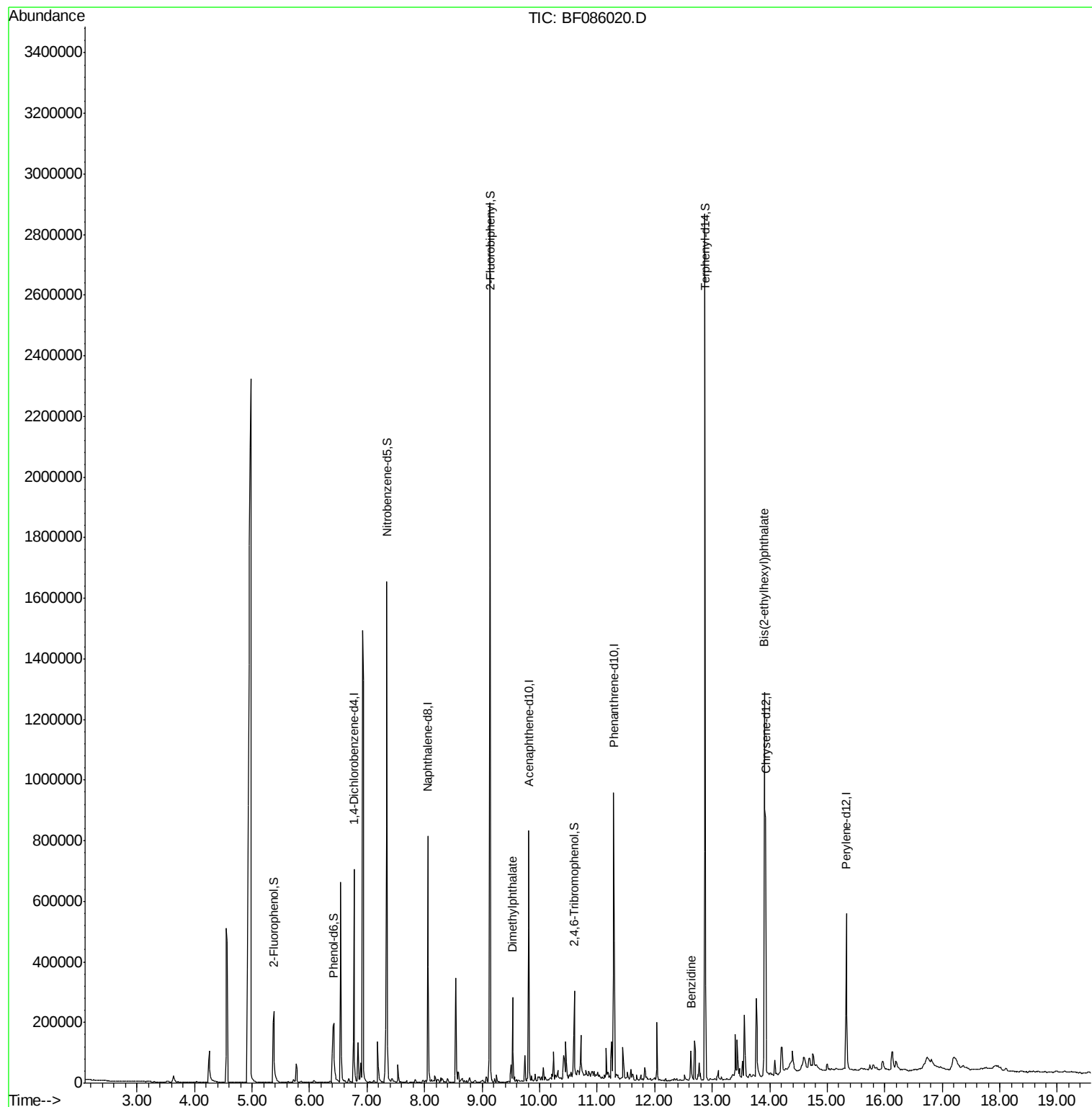
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	106799	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422888	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	196346	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	370436	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	271208	20.00	ng	0.00
86) Perylene-d12	15.33	264	217752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	121928	19.51	ng	0.01
7) Phenol-d6	6.42	99	87683	11.05	ng	0.00
23) Nitrobenzene-d5	7.34	82	621708	86.70	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	36852	20.00	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1108835	93.90	ng	0.00
78) Terphenyl-d14	12.88	244	884238	76.64	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	114223	7.85	ng	99
76) Benzidine	12.64	184	59076	6.17	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	454751	39.82	ng	99

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

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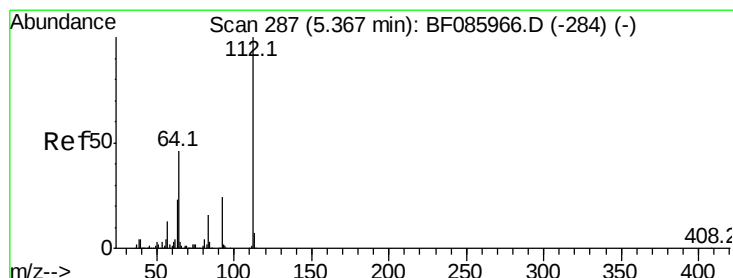
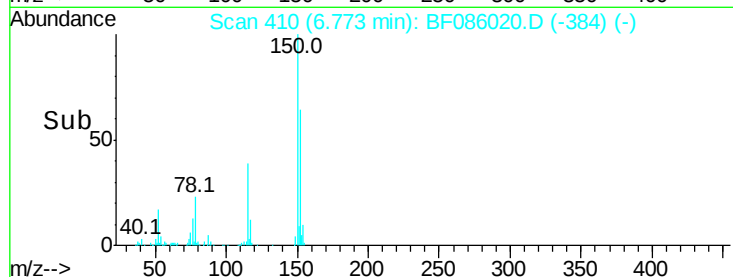
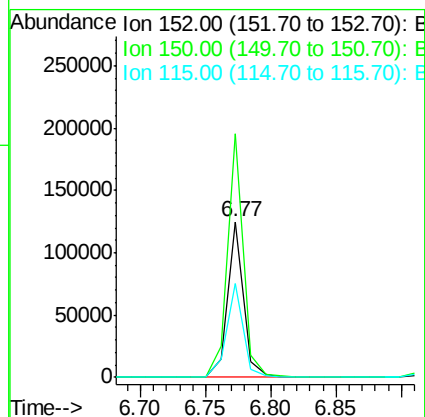
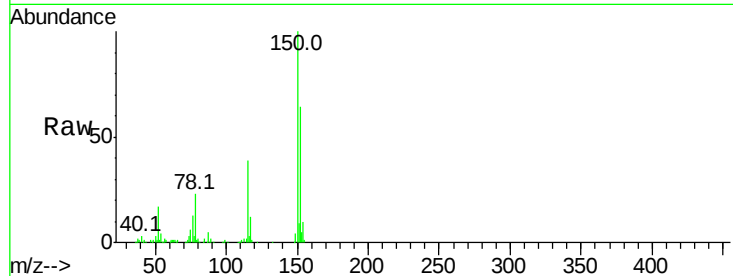


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
W8DAY1

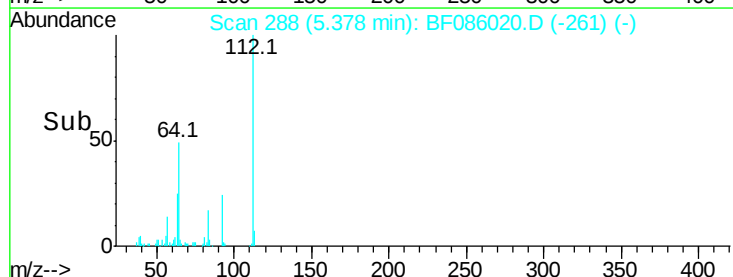
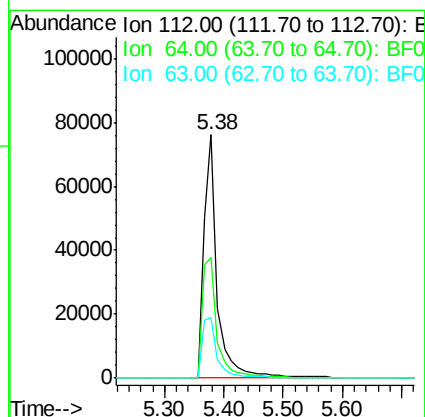
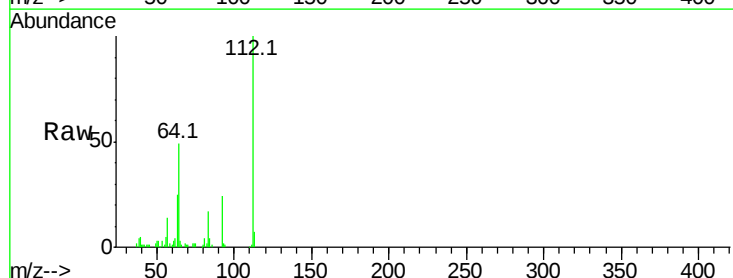
Tot Ion:152 Resp: 106799
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 60.4 47.0 70.6



#5

2-Fluorophenol
Concen: 19.51 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Tgt Ion:112 Resp: 121928
Ion Ratio Lower Upper
112 100
64 49.5 39.9 59.9
63 25.1 20.2 30.2





#7

Phenol-d6

Concen: 11.05 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

W8DAY1

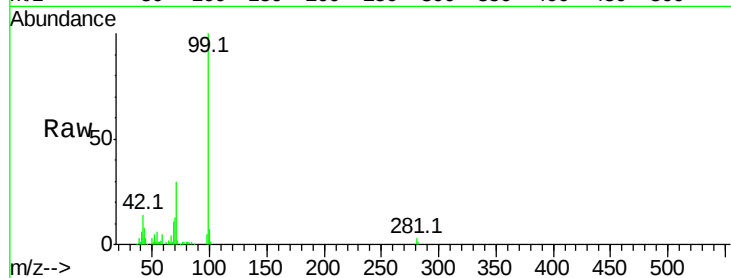
Tot Ion: 99 Resp: 87683

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

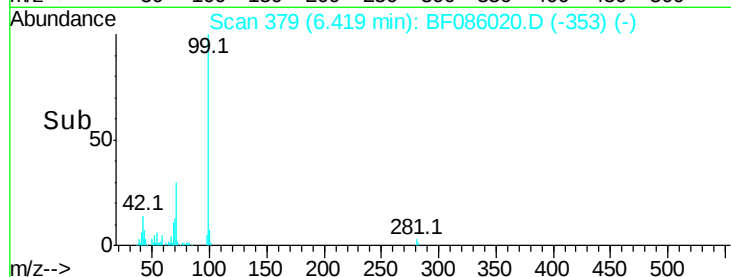
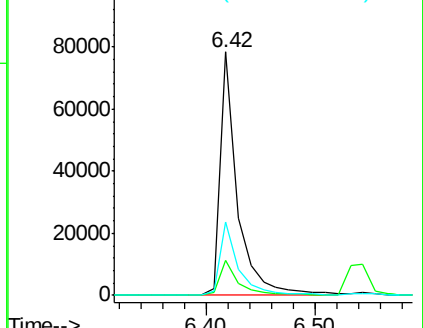
71 30.1 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Tgt Ion: 136 Resp: 422888

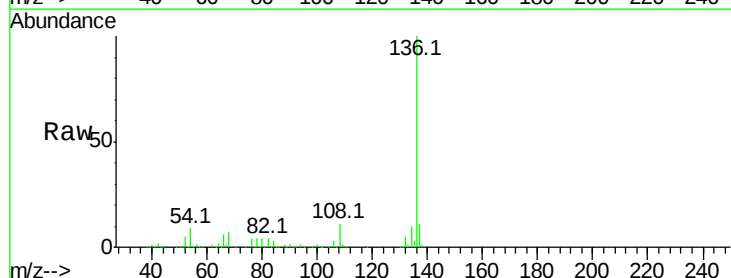
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 7.4 11.0

68 7.2 5.8 8.8

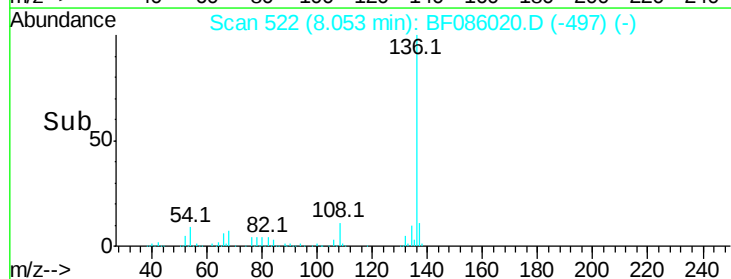
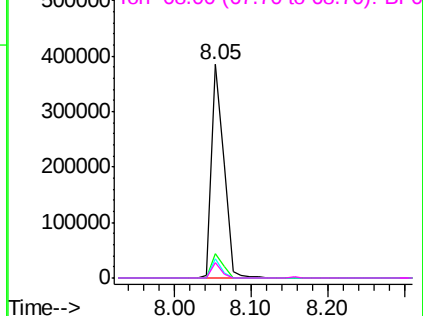


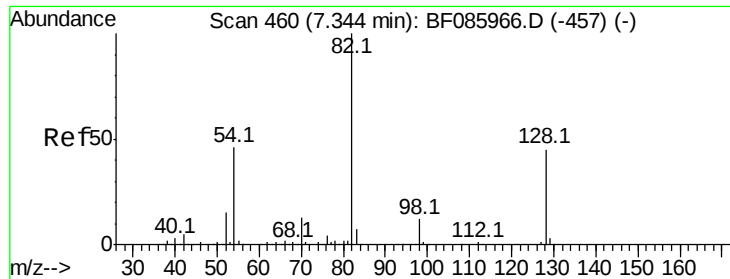
Abundance Ion 136.00 (135.70 to 136.70): E

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

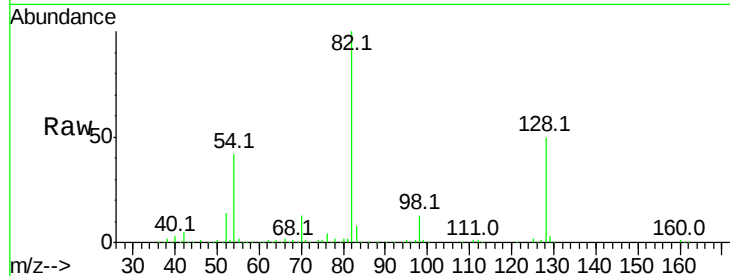




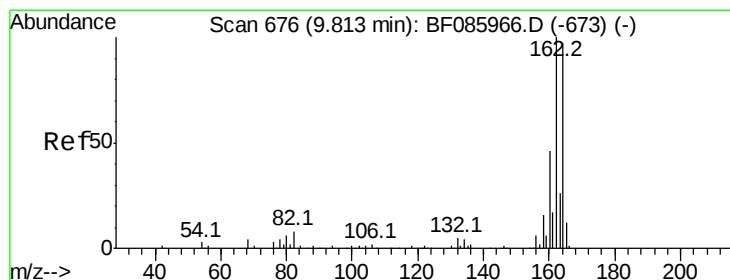
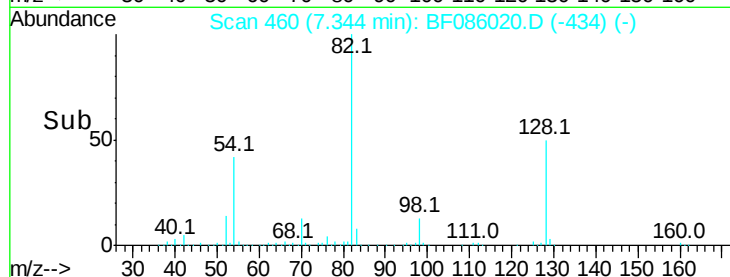
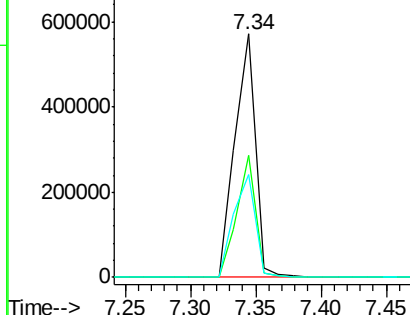
#23
 Nitrobenzene-d5
 Concen: 86.70 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 W8DAY1

Tot Ion	82	Resp	621708
Ion Ratio	100	Lower	Upper
128	50.0	41.8	62.8
54	42.2	33.4	50.0

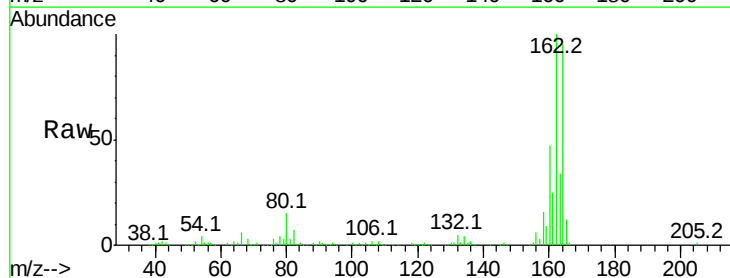


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

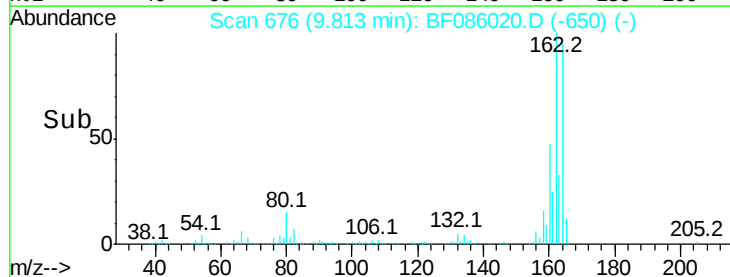
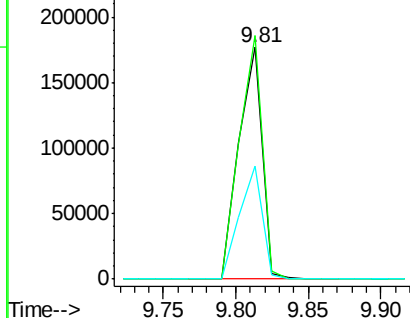


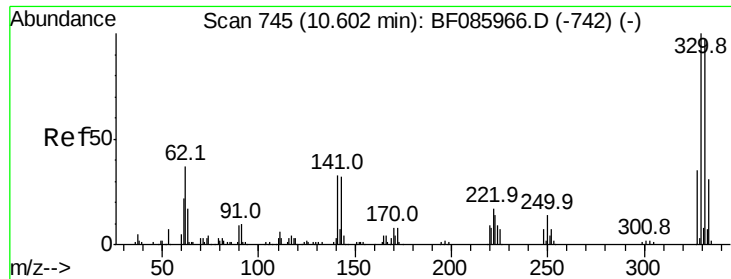
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Tgt Ion	164	Resp	196346
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.2	82.1	123.1
160	49.0	37.4	56.2



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

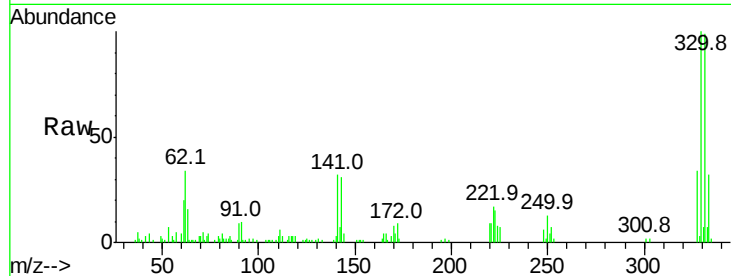




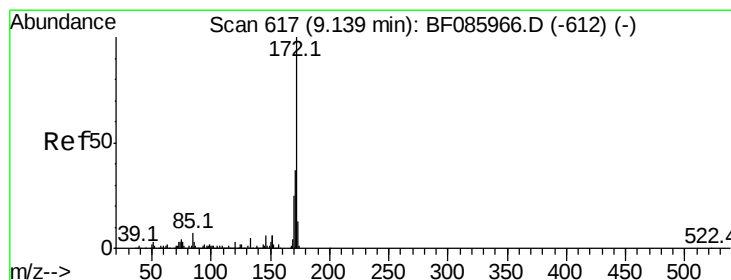
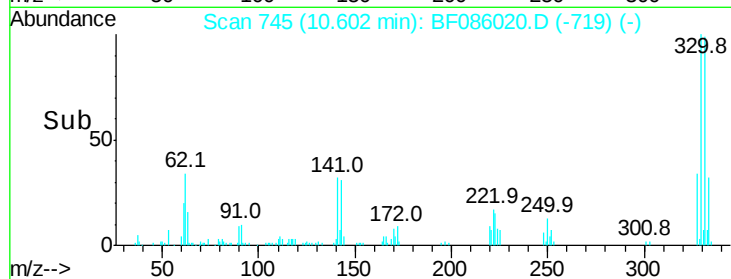
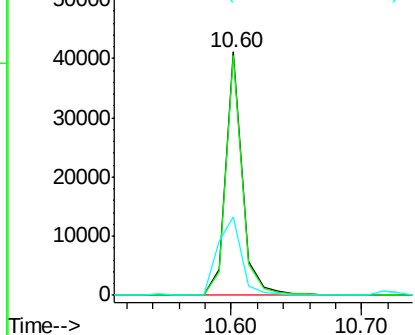
#41
 2,4,6-Tribromophenol
 Concen: 20.00 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampled :
 W8DAY1

Tot Ion:330 Resp: 36852
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 46.3 31.5 47.3

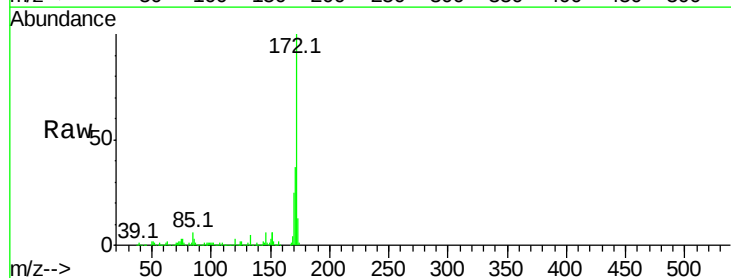


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

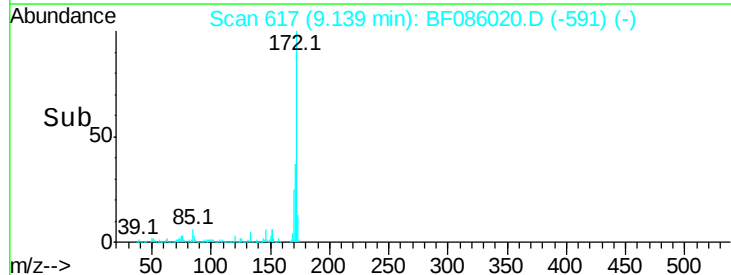
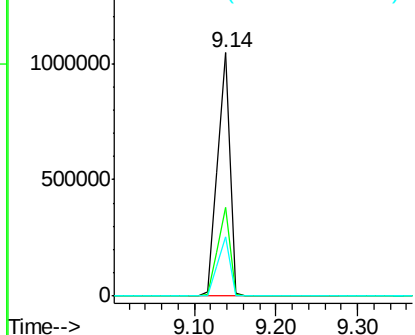


#44
 2-Fluorobiphenyl
 Concen: 93.90 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086020.D
 Acq: 2 Apr 2016 19:14

Tgt Ion:172 Resp: 1108835
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 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

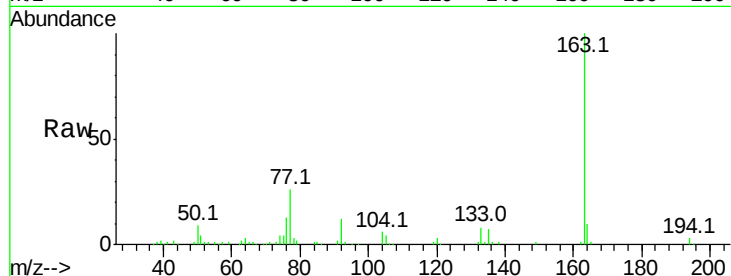




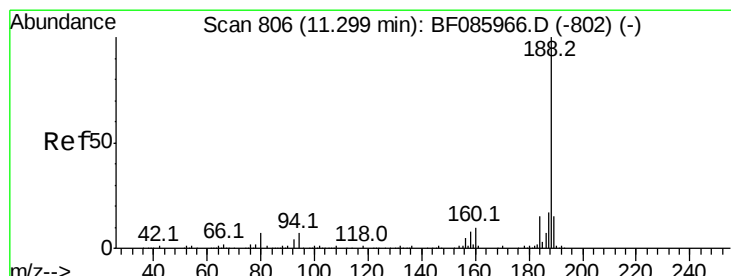
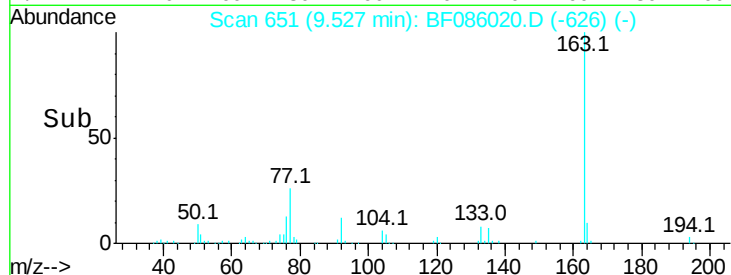
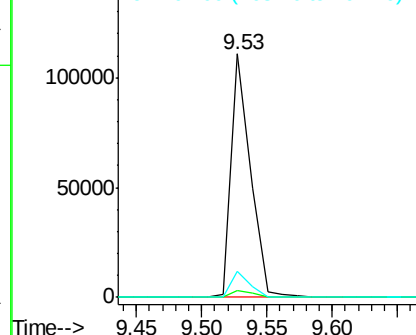
#49
Dimethylphthalate
Concen: 7.85 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
W8DAY1

Tot Ion:163 Resp: 114223
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.5 8.3 12.5

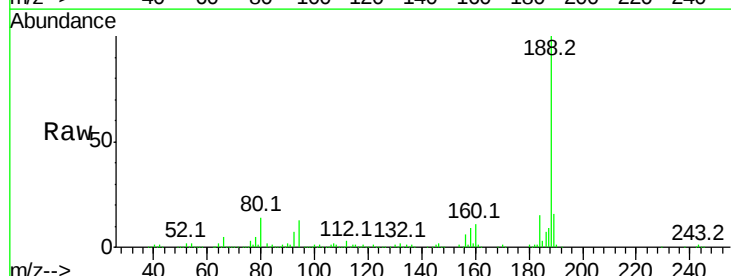


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

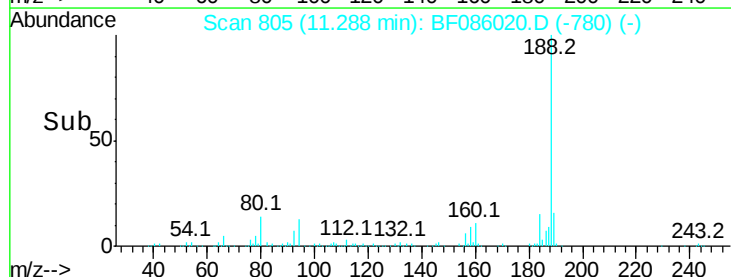
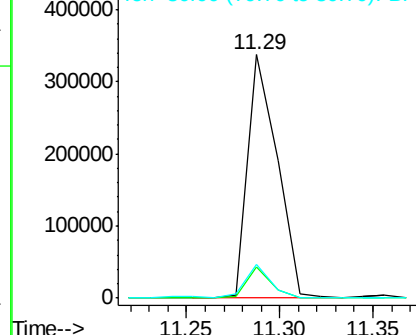


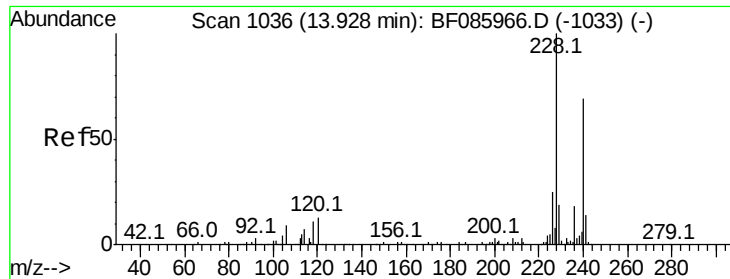
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Tgt Ion:188 Resp: 370436
Ion Ratio Lower Upper
188 100
94 12.8 5.4 8.0#
80 14.1 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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

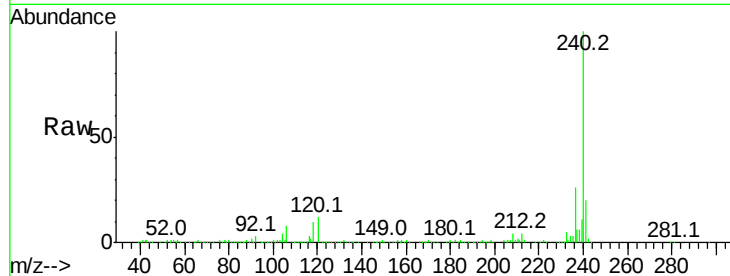
Tot Ion:240 Resp: 271208

Ion Ratio Lower Upper

240 100

120 12.0 13.8 20.8#

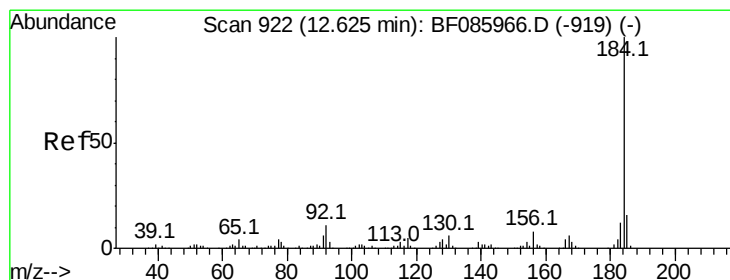
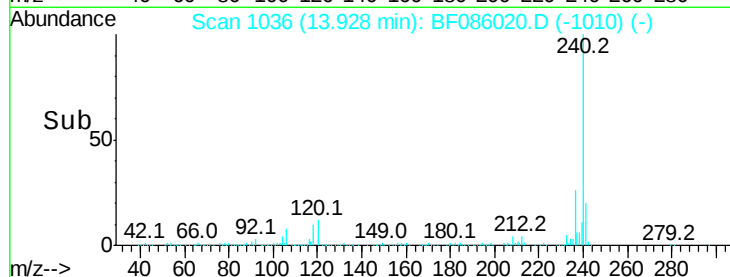
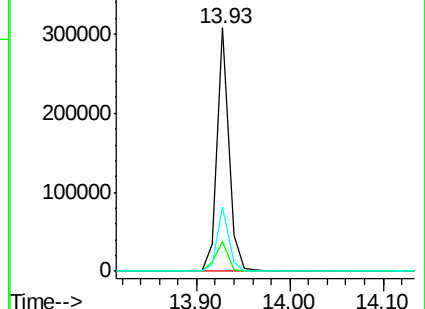
236 26.3 20.6 30.8



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: 6.17 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

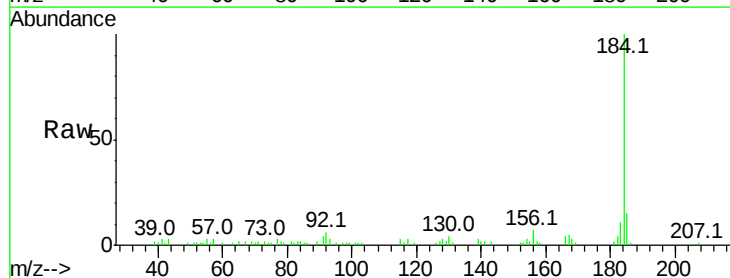
Tgt Ion:184 Resp: 59076

Ion Ratio Lower Upper

184 100

185 15.0 12.4 18.6

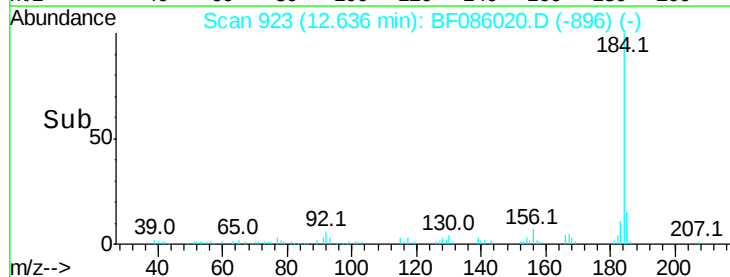
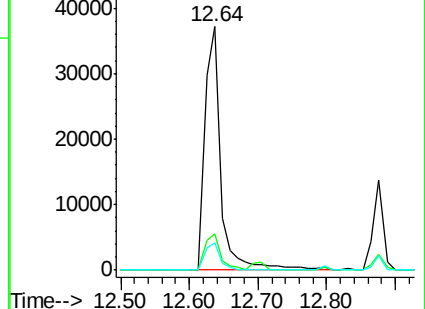
183 11.5 9.4 14.2

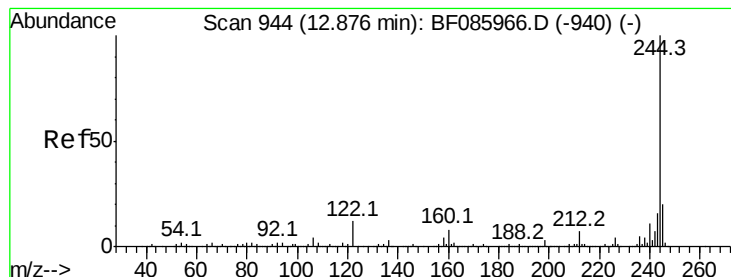


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 76.64 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

W8DAY1

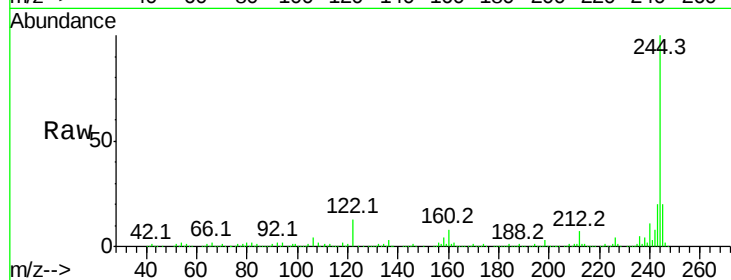
Tot Ion:244 Resp: 884238

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

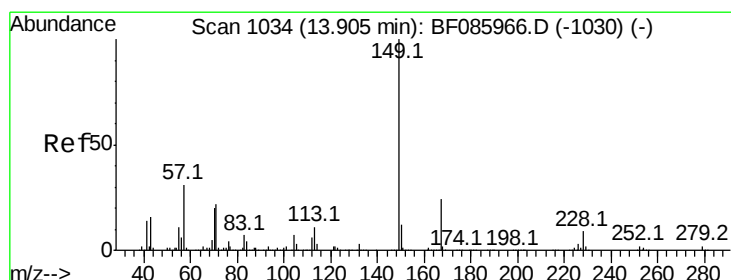
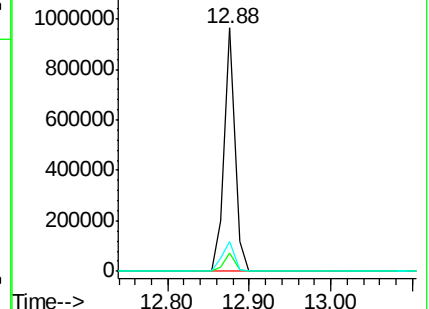
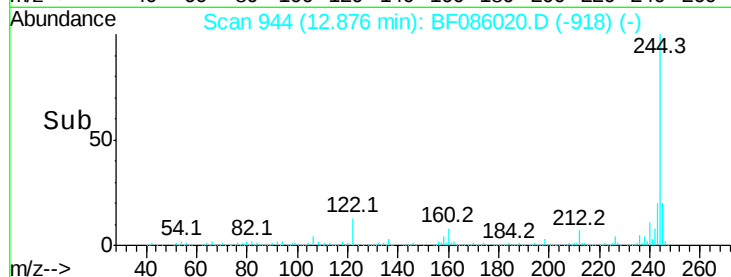
122 12.5 10.2 15.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.82 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086020.D

Acq: 2 Apr 2016 19:14

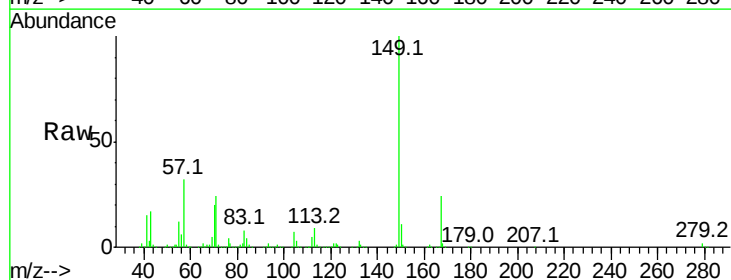
Tgt Ion:149 Resp: 454751

Ion Ratio Lower Upper

149 100

167 23.9 19.4 29.2

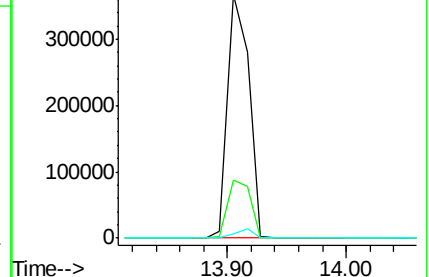
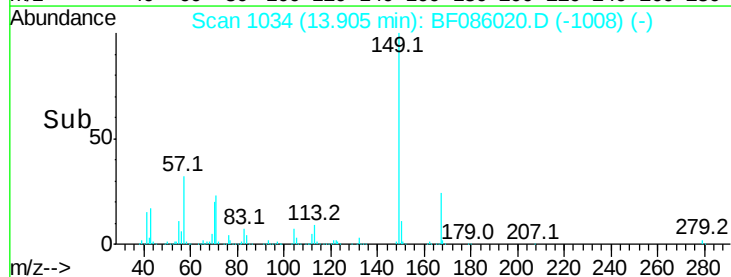
279 1.8 1.5 2.3

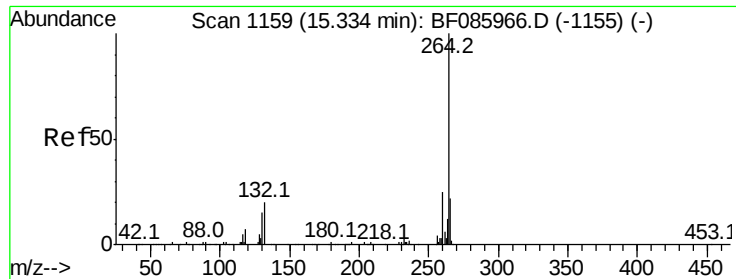


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

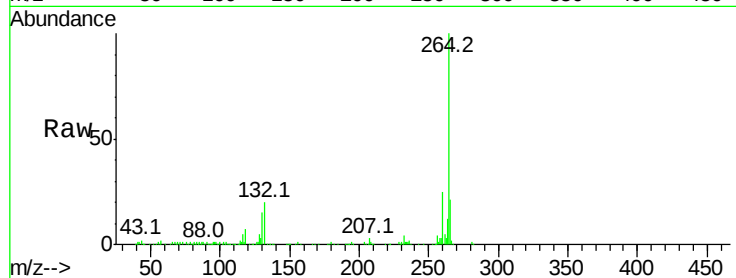




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF086020.D
Acq: 2 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :
W8DAY1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.2	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

