

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098938.D
 Acq On : 29 Sep 2017 9:50
 Operator : SJ/JU
 Sample : I5472-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2-3-4-COMP

Quant Time: Sep 29 16:32:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

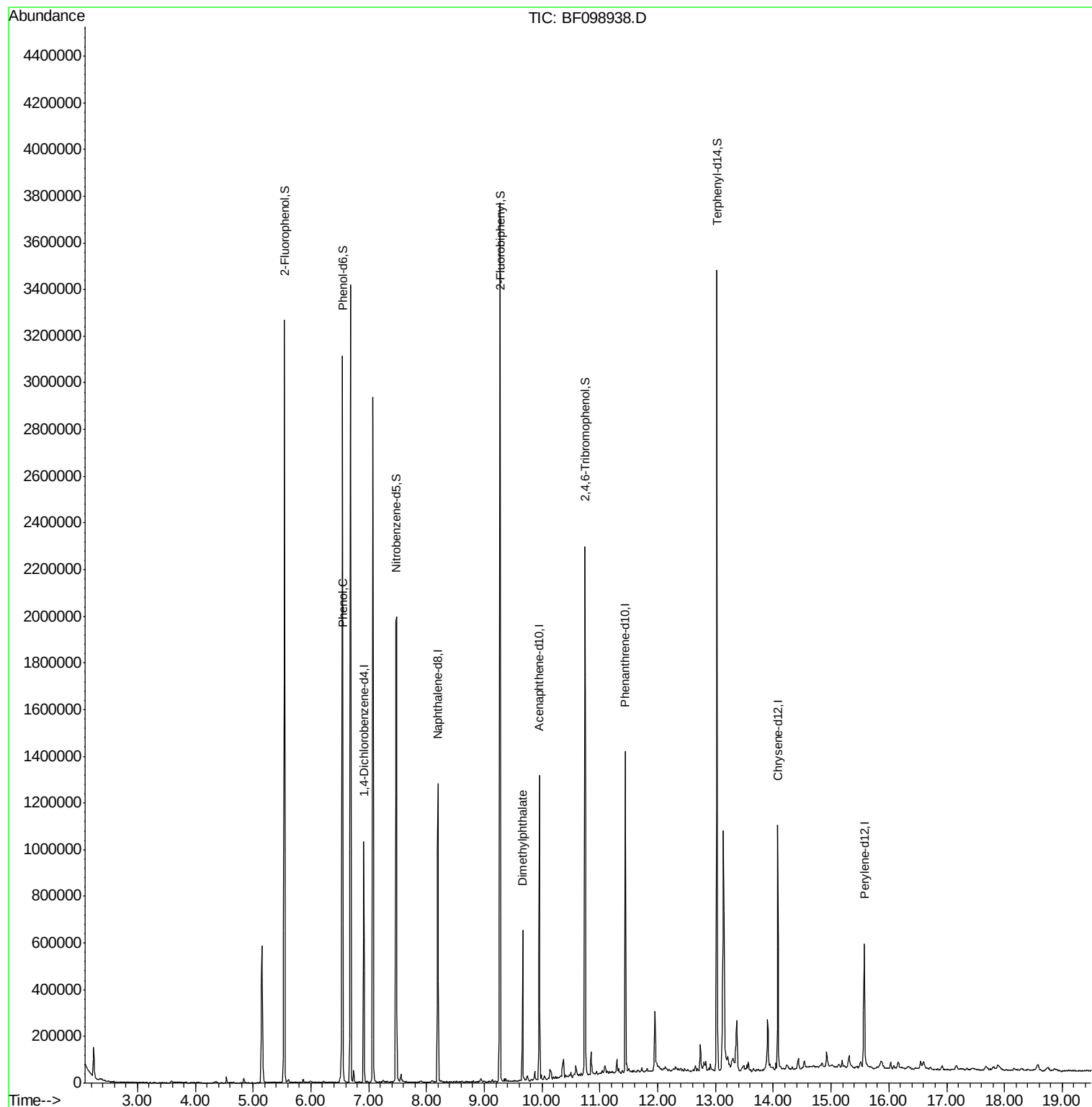
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	134108	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	559137	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	259950	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	457650	20.00	ng	0.00
75) Chrysene-d12	14.08	240	305242	20.00	ng	0.00
86) Perylene-d12	15.57	264	212100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1009854	119.87	ng	0.00
7) Phenol-d6	6.55	99	1232147	118.56	ng	0.00
23) Nitrobenzene-d5	7.48	82	752011	86.25	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	263448	123.85	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1299380	83.45	ng	0.00
78) Terphenyl-d14	13.03	244	1165553	86.84	ng	0.00
Target Compounds						
10) Phenol	6.56	94	35382	3.044	ng	98
49) Dimethylphthalate	9.66	163	242640	12.367	ng	99

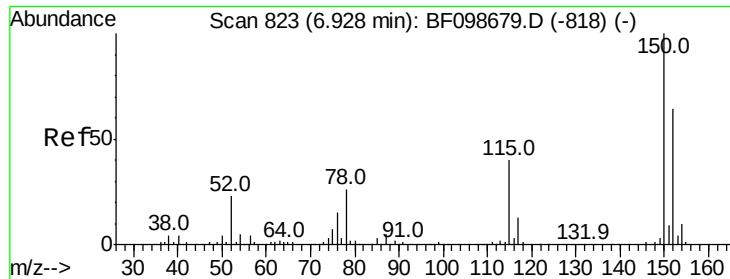
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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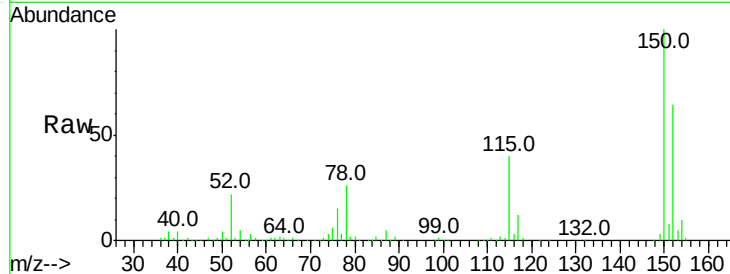


#1

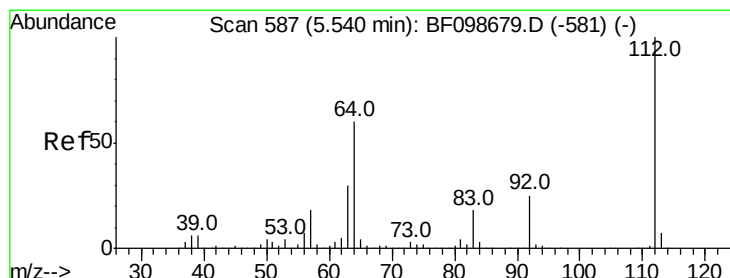
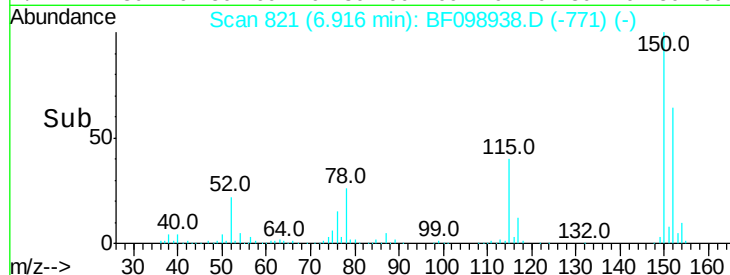
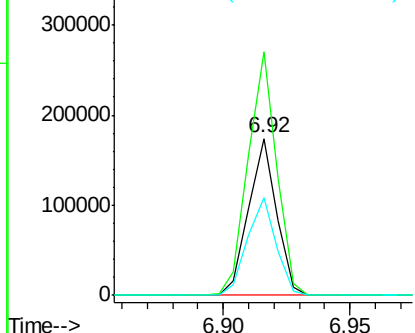
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098938.D
 Acq: 29 Sep 2017 9:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2-3-4-COMP

Tot Ion:152 Resp: 134108
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 61.9 50.1 75.1



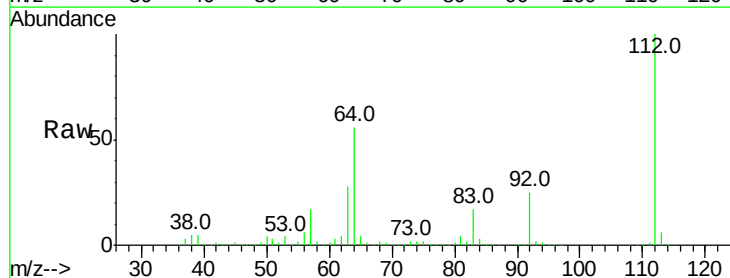
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



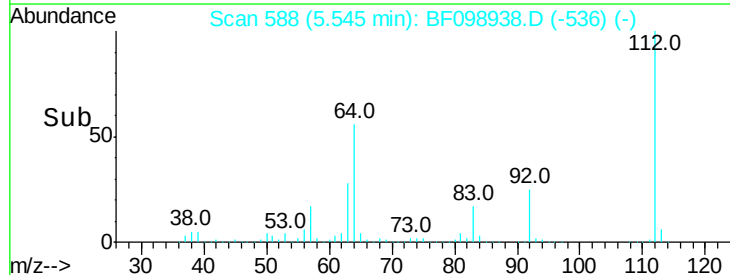
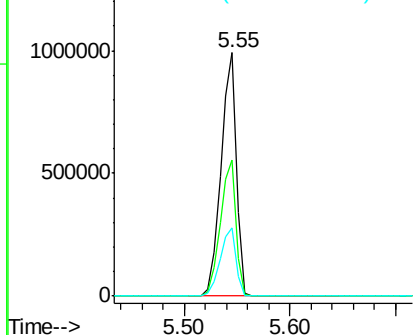
#5

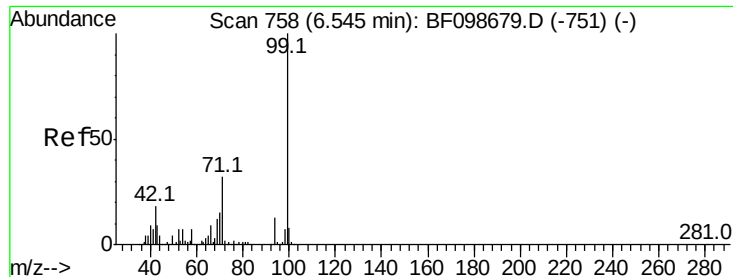
2-Fluorophenol
 Concen: 119.873 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF098938.D
 Acq: 29 Sep 2017 9:50

Tgt Ion:112 Resp: 1009854
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 28.3 23.7 35.5



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: 118.562 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

Instrument :

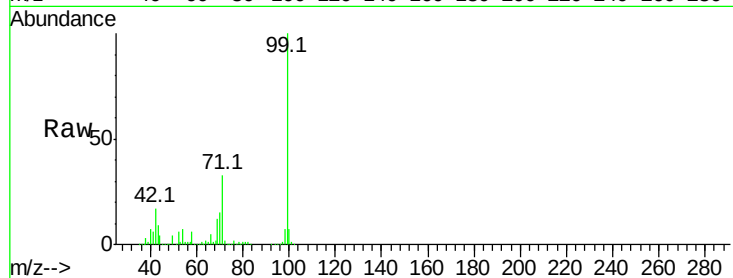
BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

Tot Ion: 99 Resp: 1232147

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	32.9	25.4	38.0

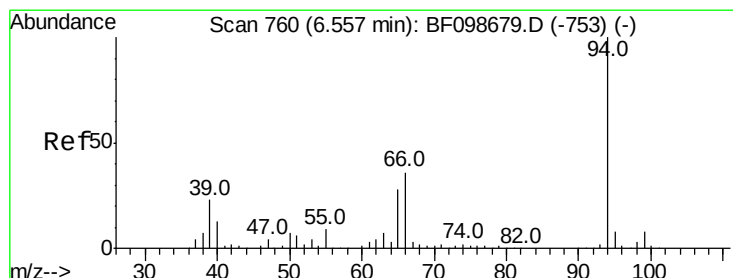
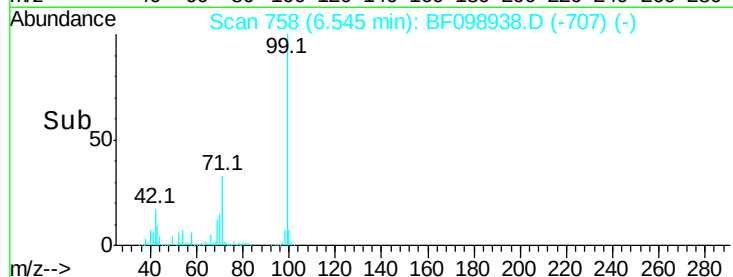
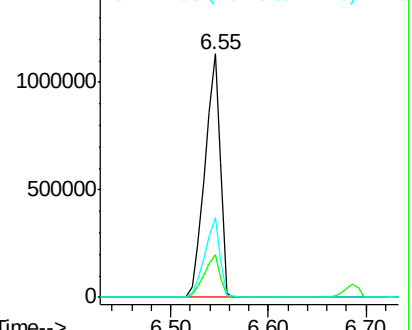


Abundance

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



#10

Phenol

Concen: 3.044 ng

RT: 6.56 min Scan# 760

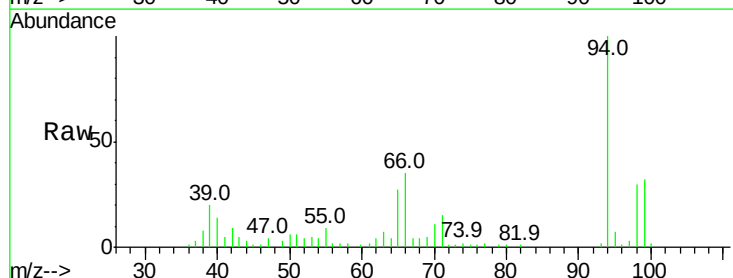
Delta R.T. -0.00 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

Tgt Ion: 94 Resp: 35382

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.9	47.9
66	34.8	16.2	56.2

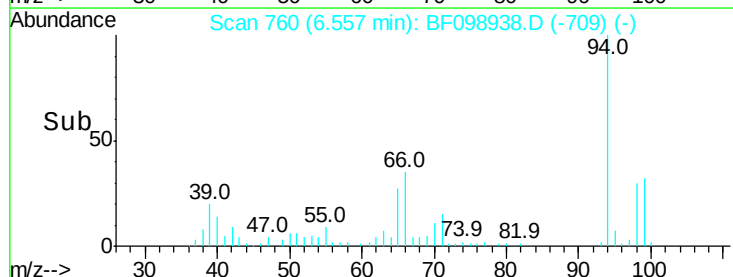
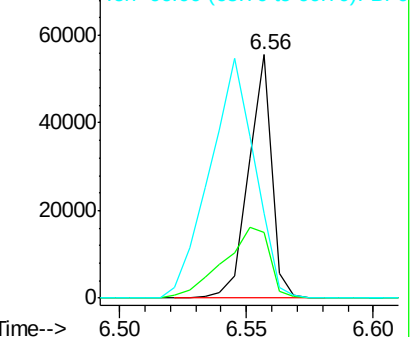


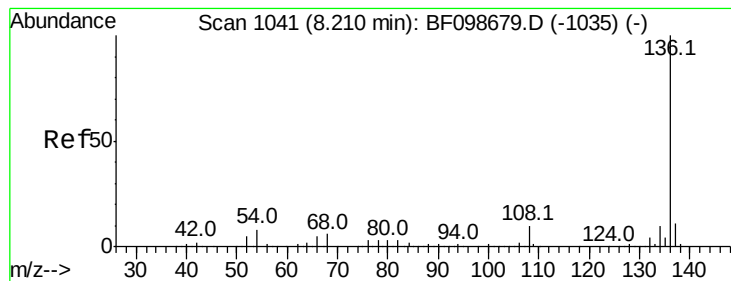
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

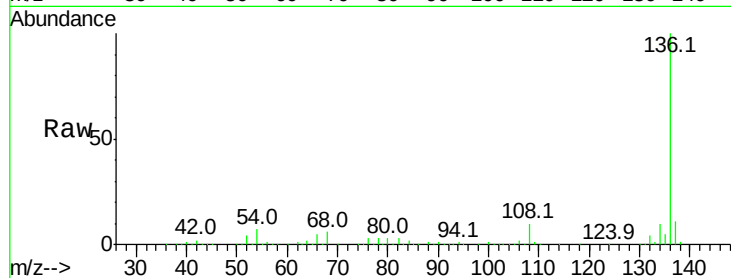




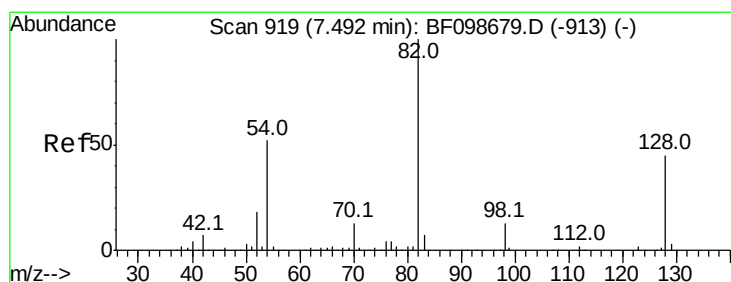
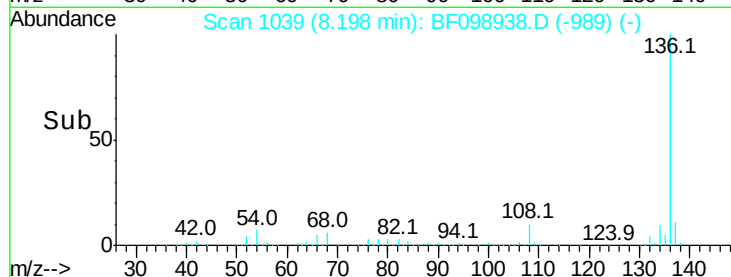
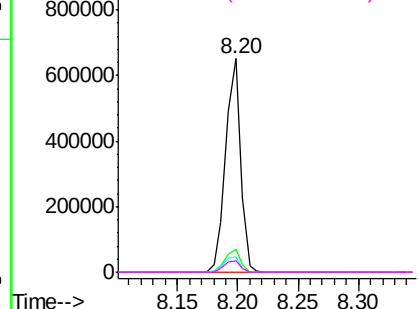
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098938.D
Acq: 29 Sep 2017 9:50

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:	136	Resp:	559137
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	5.5	5.0	7.4

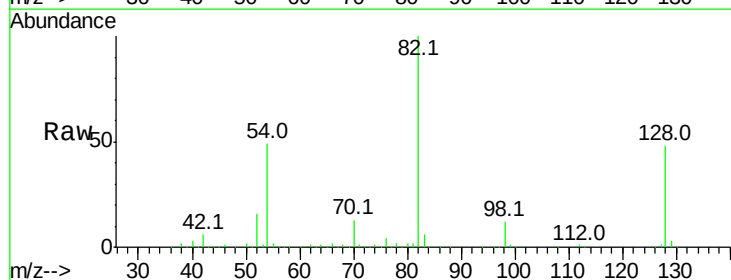


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

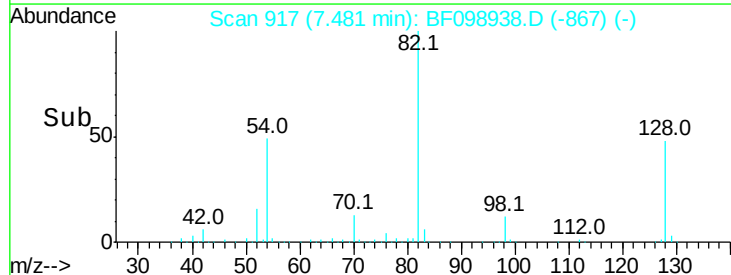
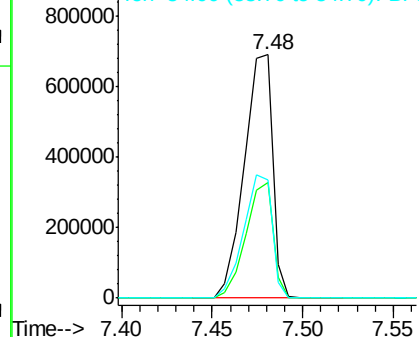


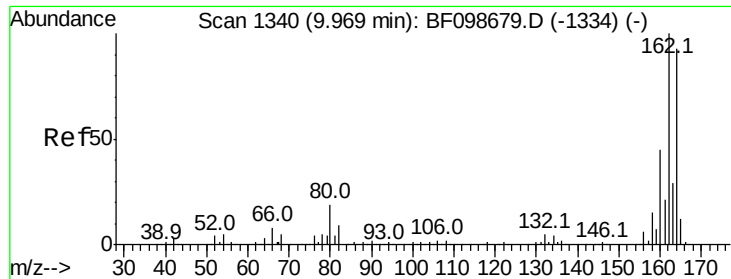
#23
Nitrobenzene-d5
Concen: 86.252 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098938.D
Acq: 29 Sep 2017 9:50

Tgt Ion:	82	Resp:	752011
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	48.6	41.4	62.2



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: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

Instrument :

BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

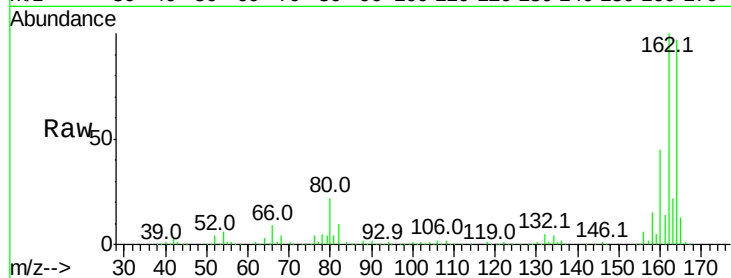
Tot Ion:164 Resp: 259950

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

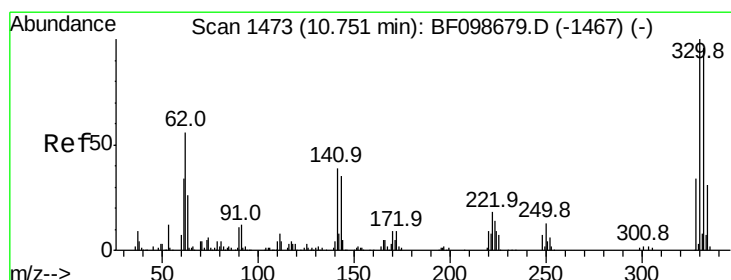
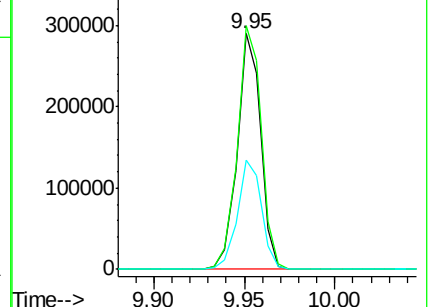
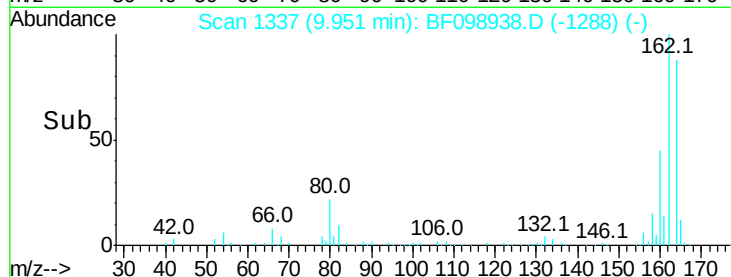
160 46.3 38.3 57.5



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: 123.853 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

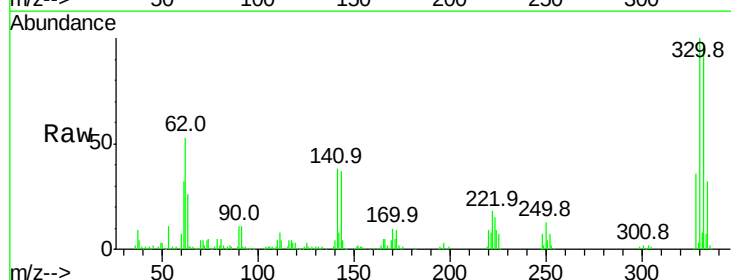
Tgt Ion:330 Resp: 263448

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

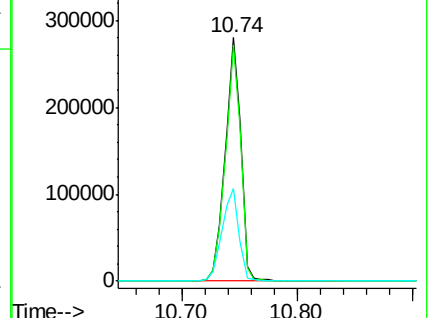
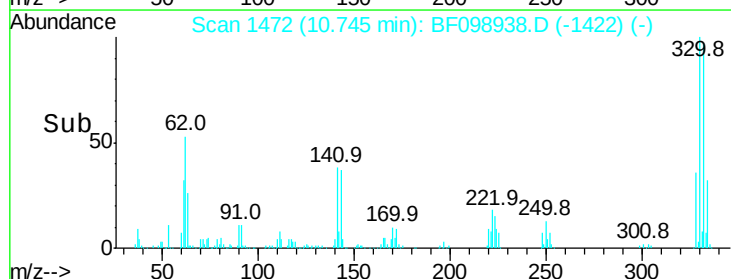
141 41.1 29.9 44.9

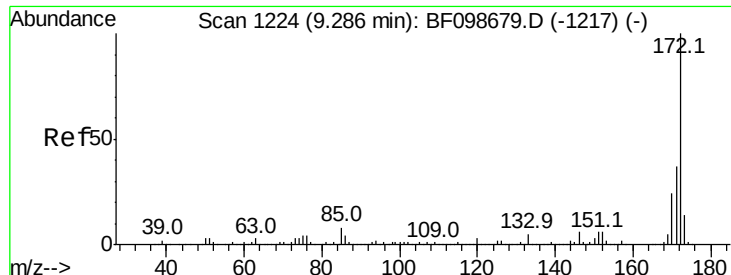


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

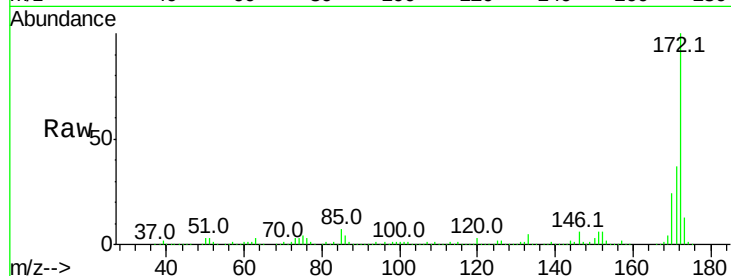




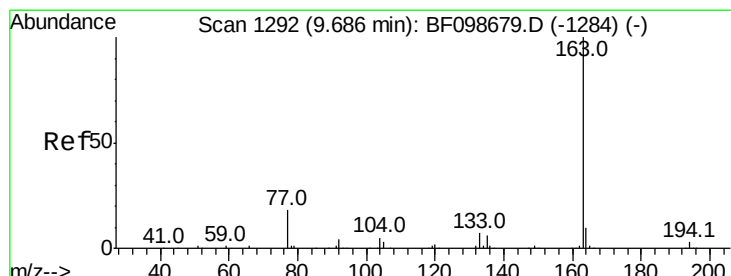
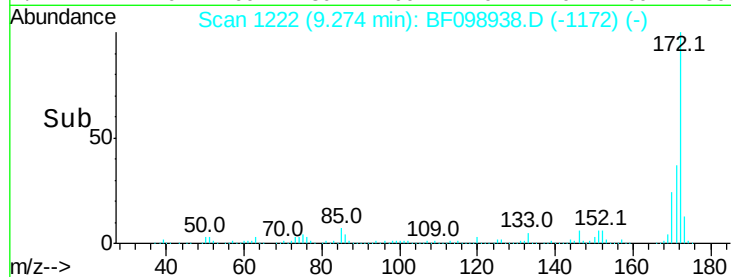
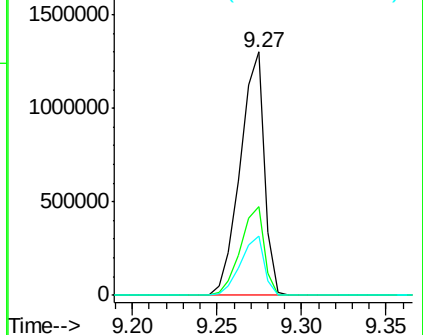
#44
2-Fluorobiphenyl
Concen: 83.447 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098938.D
Acq: 29 Sep 2017 9:50

Instrument :
BNA_F
ClientSampleId :
TP-1-2-3-4-COMP

Tot Ion:172 Resp: 1299380
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.4 19.6 29.4

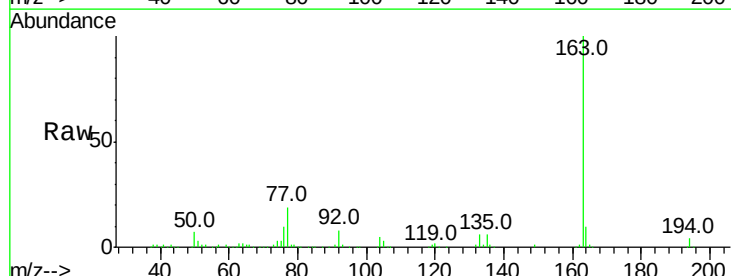


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

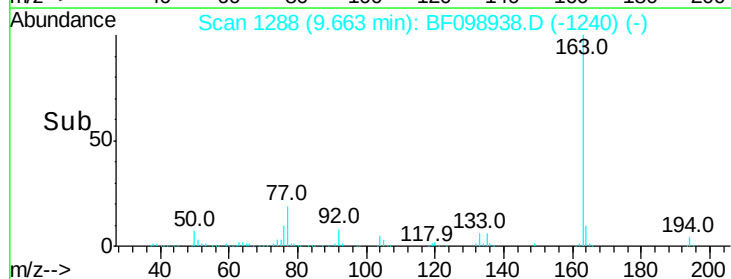
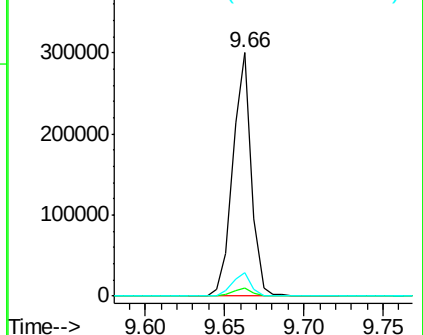


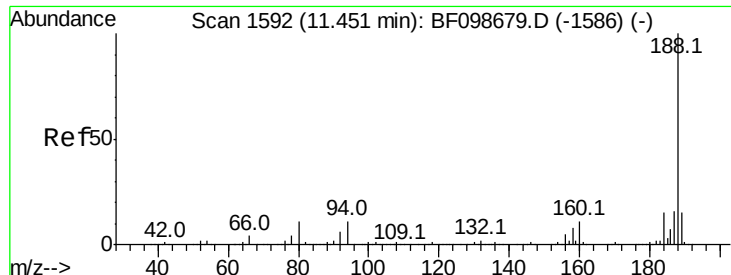
#49
Dimethylphthalate
Concen: 12.367 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098938.D
Acq: 29 Sep 2017 9:50

Tgt Ion:163 Resp: 242640
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



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: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

Instrument :

BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

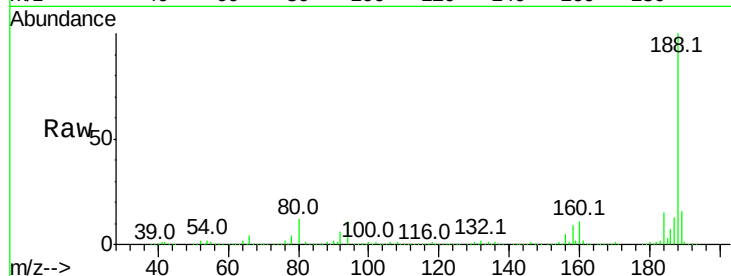
Tot Ion:188 Resp: 457650

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

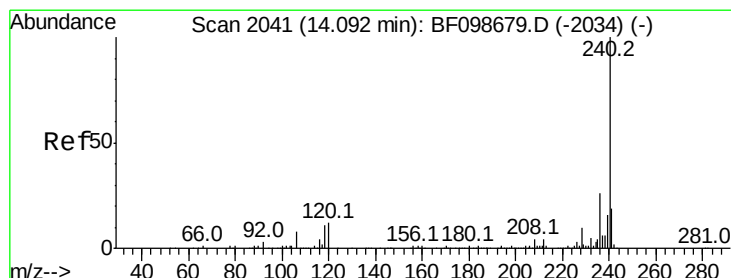
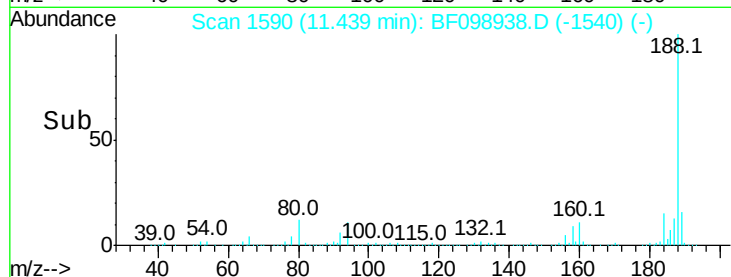
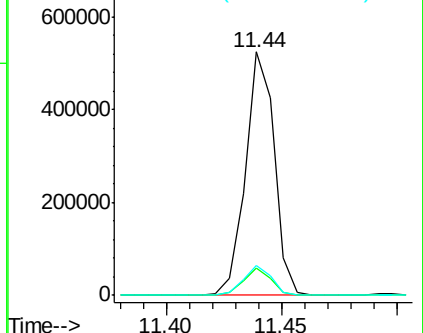
80 12.2 9.2 13.8



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: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

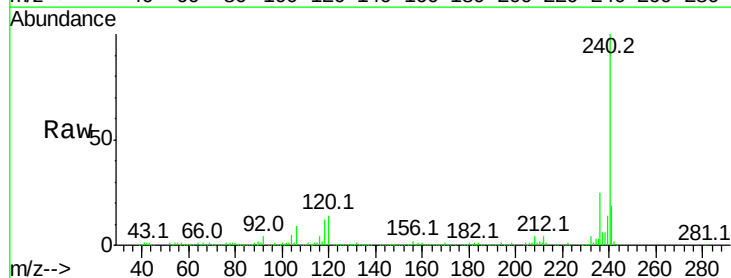
Tgt Ion:240 Resp: 305242

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

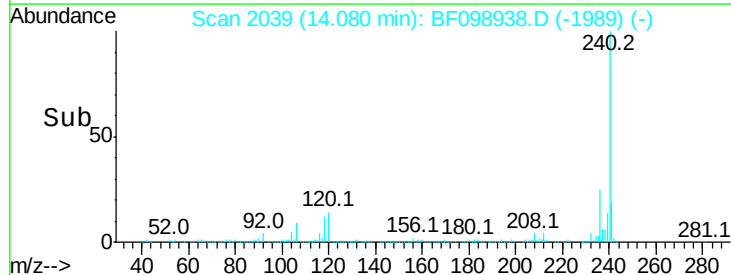
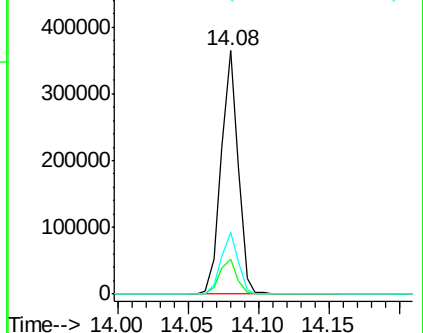
236 25.5 20.7 31.1

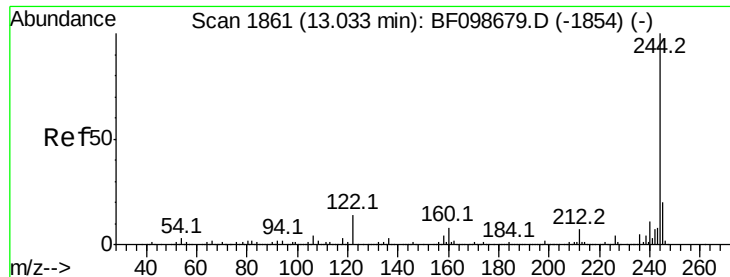


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.839 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

Instrument :

BNA_F

ClientSampleId :

TP-1-2-3-4-COMP

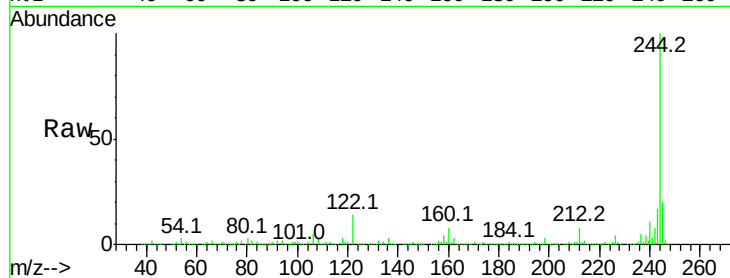
Tot Ion:244 Resp: 1165553

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

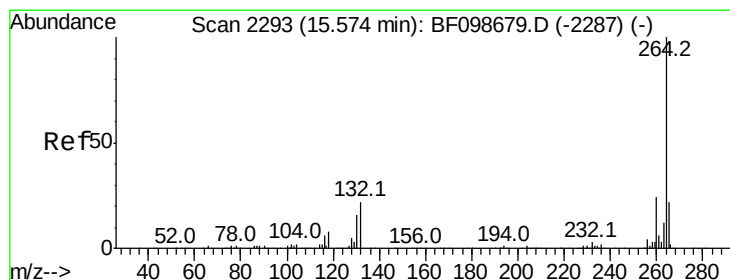
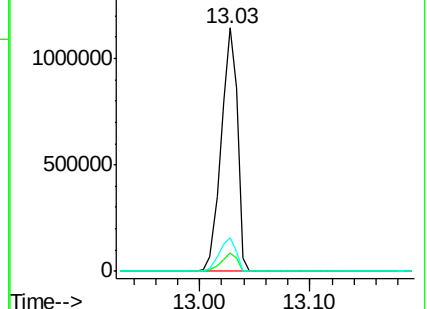
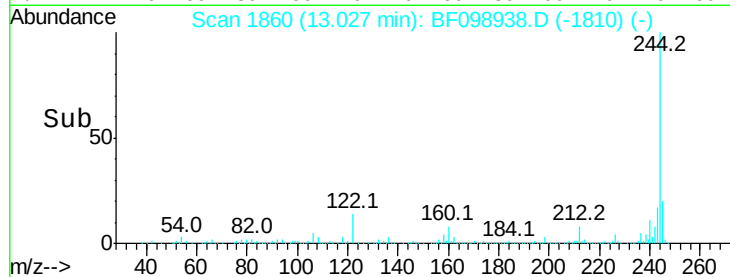
122 14.1 11.0 16.4



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: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098938.D

Acq: 29 Sep 2017 9:50

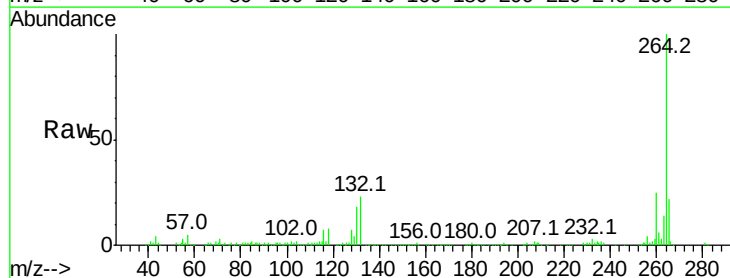
Tgt Ion:264 Resp: 212100

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.1 17.5 26.3



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

