

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098695.D
 Acq On : 22 Sep 2017 13:01
 Operator : SJ/JU
 Sample : I5309-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Quant Time: Sep 22 13:43:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

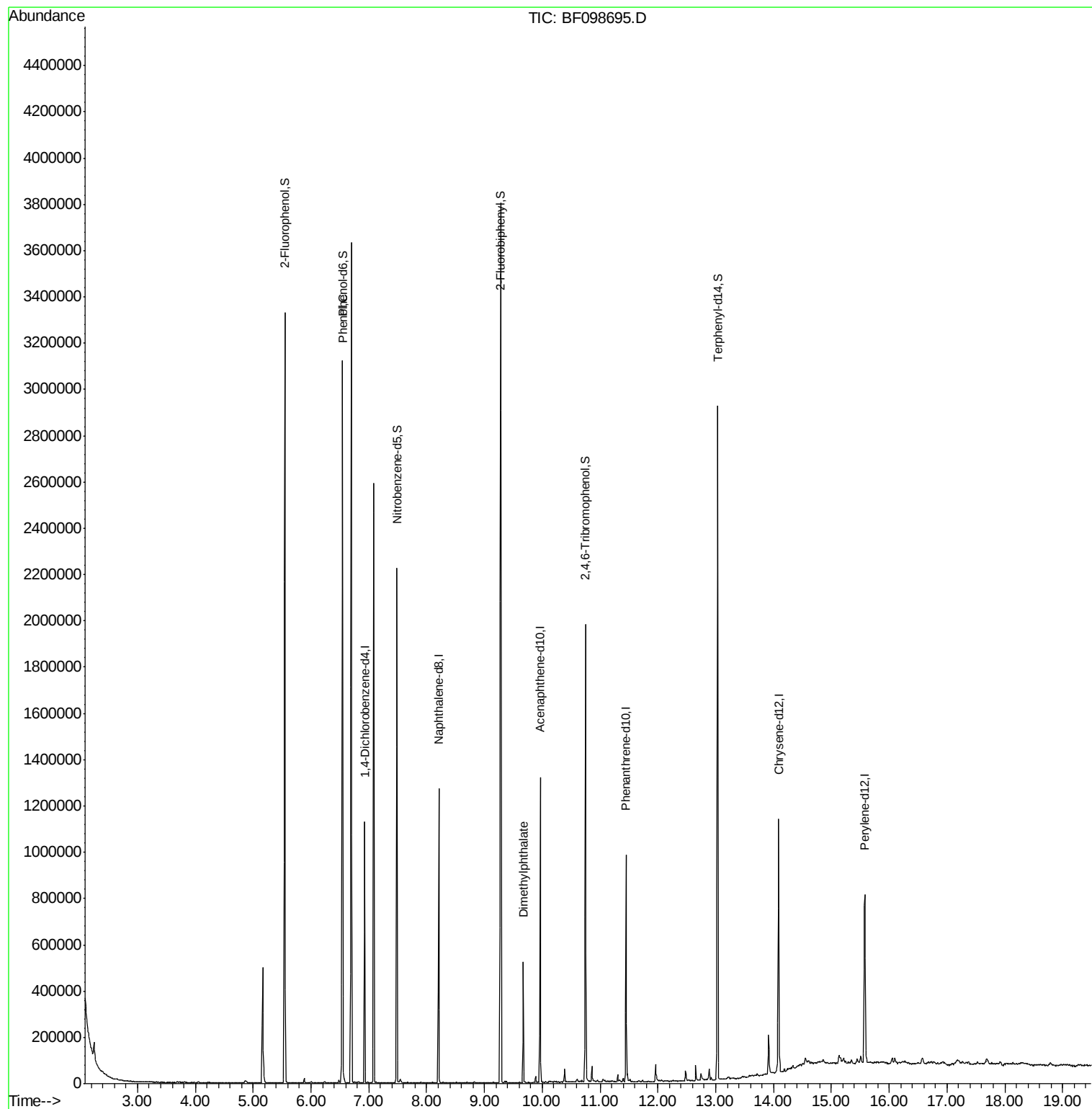
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	142405	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	566899	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	231078	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	342129	20.00	ng	0.00
75) Chrysene-d12	14.09	240	312718	20.00	ng	0.00
86) Perylene-d12	15.58	264	334752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1077802	114.93	ng	0.00
7) Phenol-d6	6.55	99	1314536	115.76	ng	0.00
23) Nitrobenzene-d5	7.49	82	733211	87.73	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	230840	109.23	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1201315	82.73	ng	0.00
78) Terphenyl-d14	13.03	244	866791	59.52	ng	0.00
Target Compounds						
10) Phenol	6.56	94	26848	2.142	ng	98
49) Dimethylphthalate	9.67	163	187564	10.824	ng	99

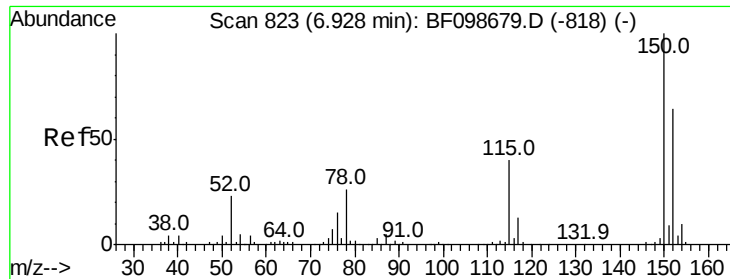
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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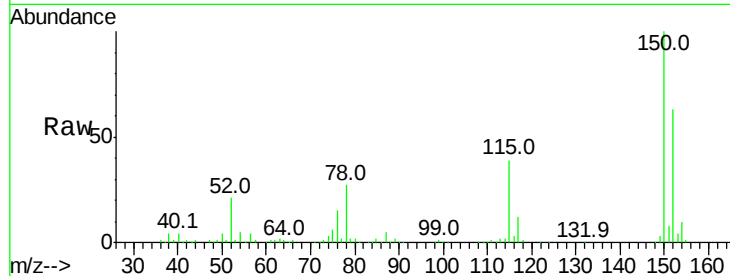


#1

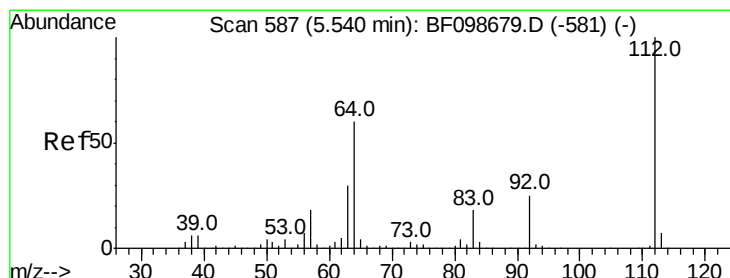
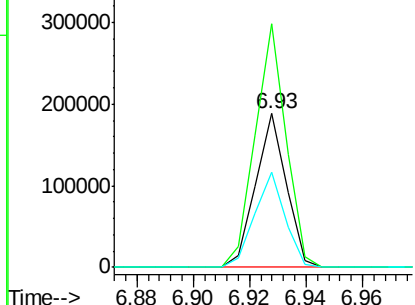
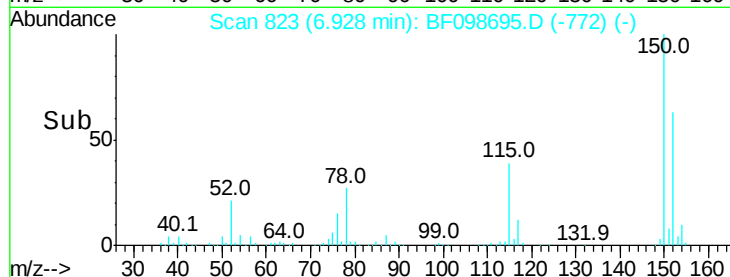
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF098695.D
 Acq: 22 Sep 2017 13:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-COMP

Tot Ion:152 Resp: 142405
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 61.8 50.1 75.1



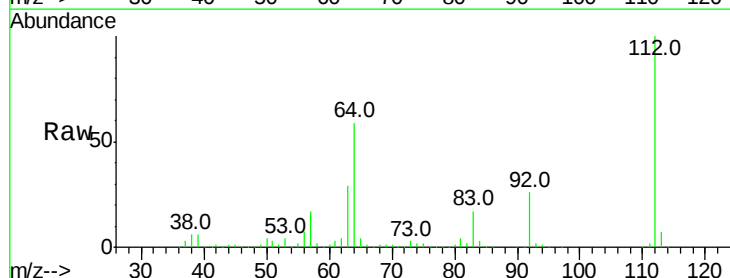
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



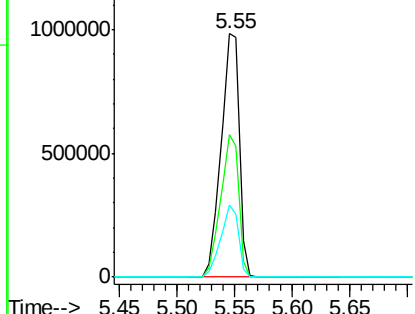
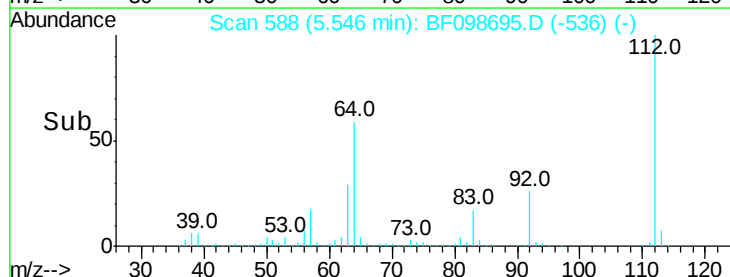
#5

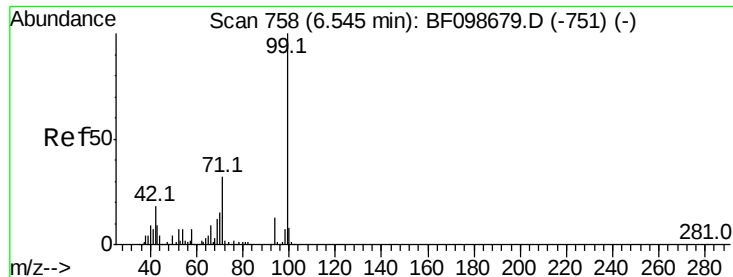
2-Fluorophenol
 Concen: 114.930 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF098695.D
 Acq: 22 Sep 2017 13:01

Tgt Ion:112 Resp: 1077802
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.4 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: 115.756 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

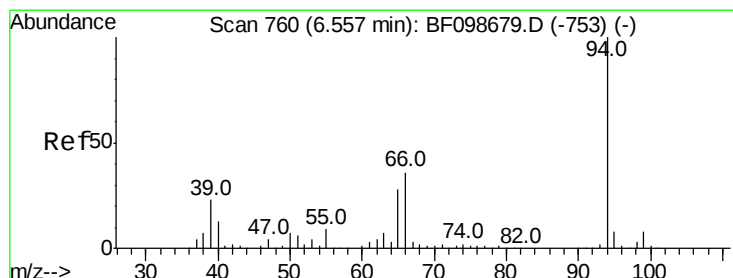
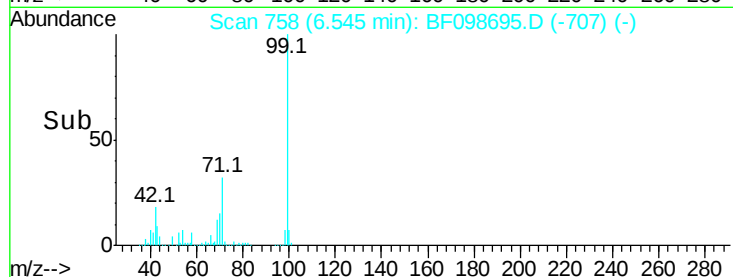
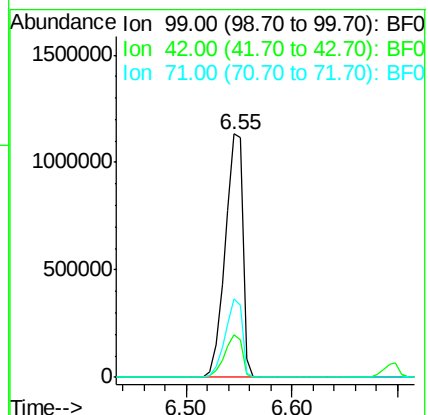
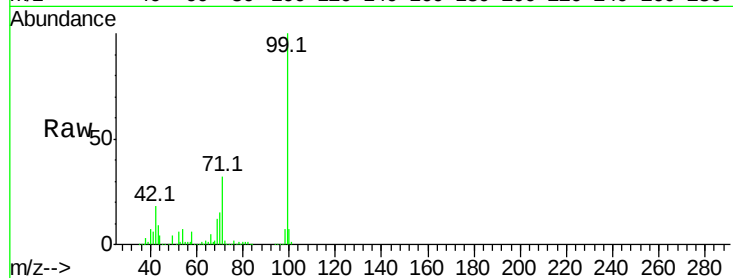
Tot Ion: 99 Resp: 1314536

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 32.2 25.4 38.0



#10

Phenol

Concen: 2.142 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

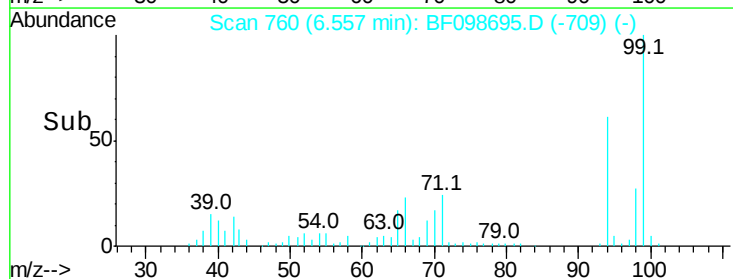
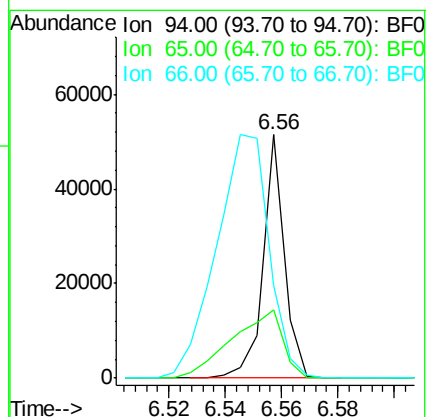
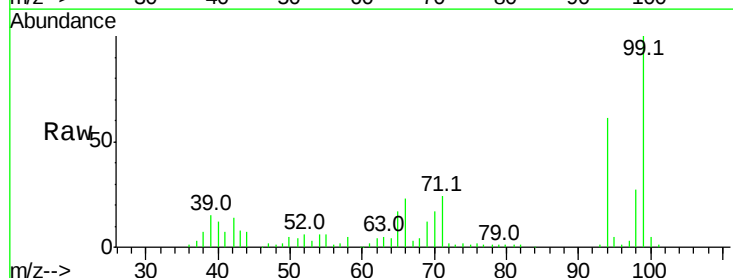
Tgt Ion: 94 Resp: 26848

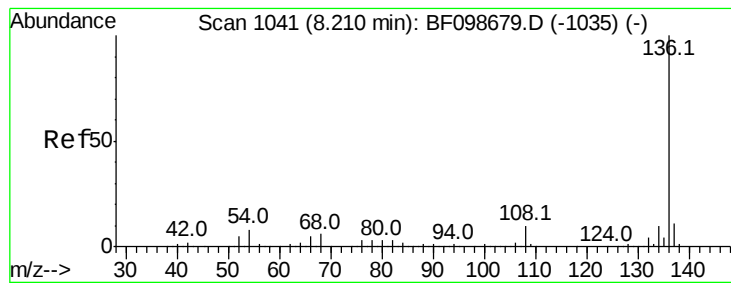
Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

66 38.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

Tot Ion:136 Resp: 566899

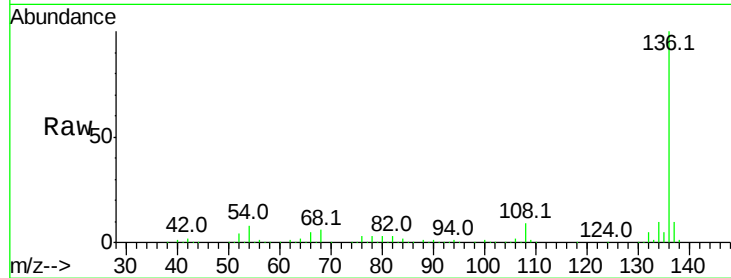
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.6 6.6 9.8

68 5.7 5.0 7.4

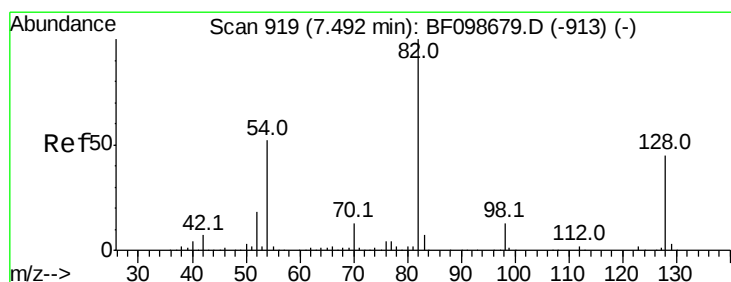
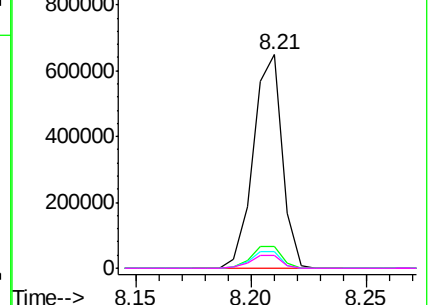
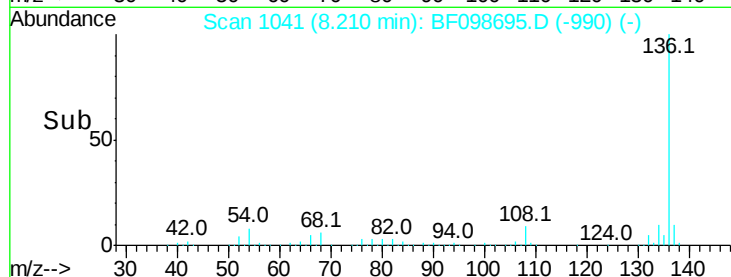


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.730 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

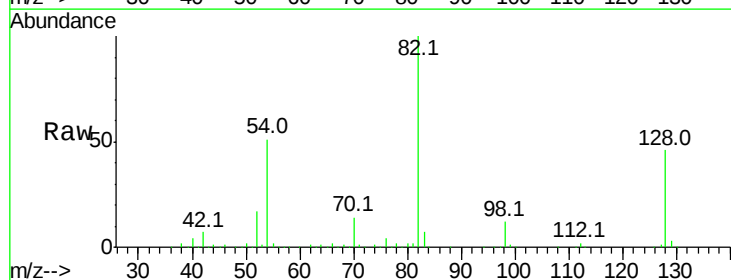
Tgt Ion: 82 Resp: 733211

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

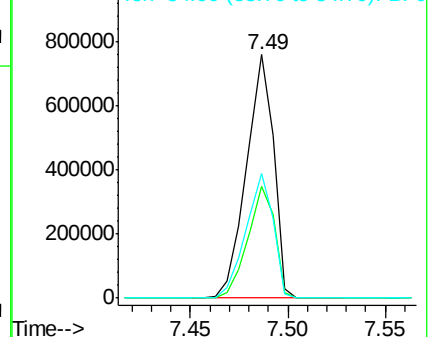
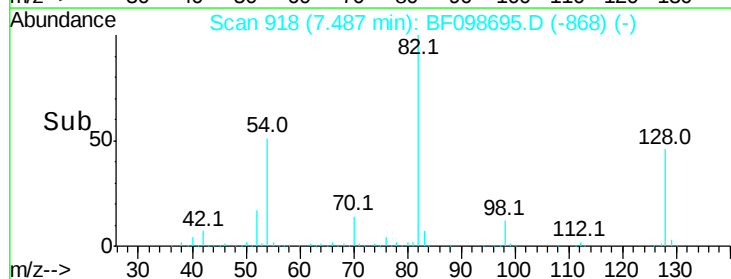
54 51.4 41.4 62.2

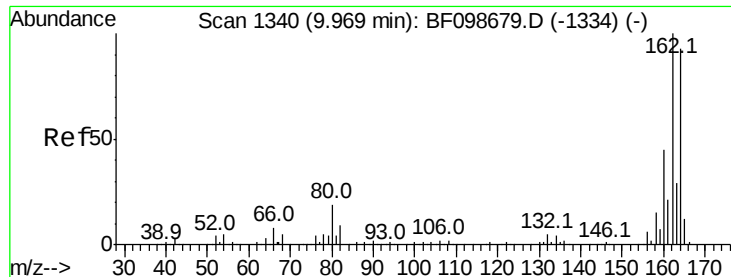


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

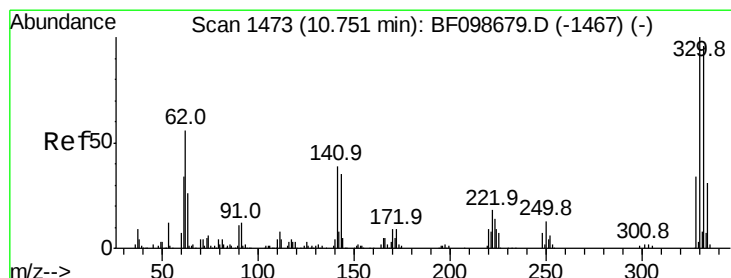
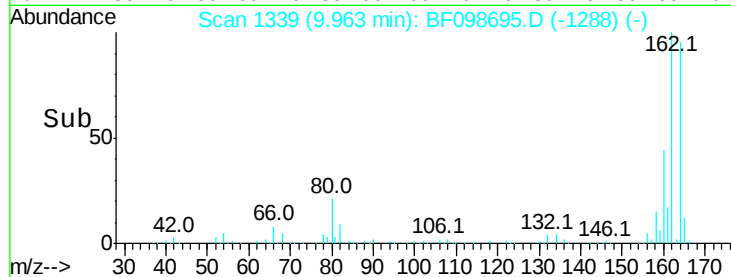
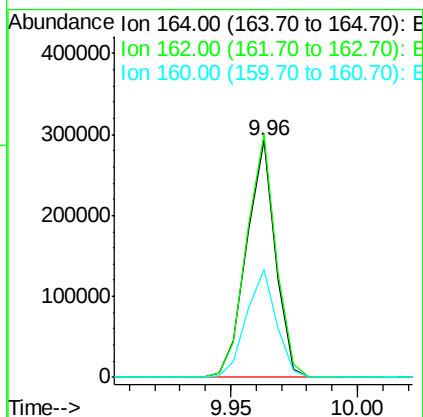
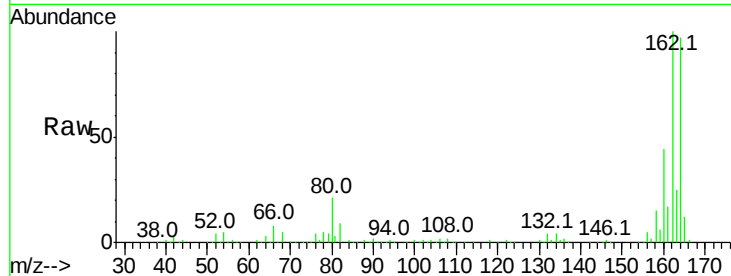




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

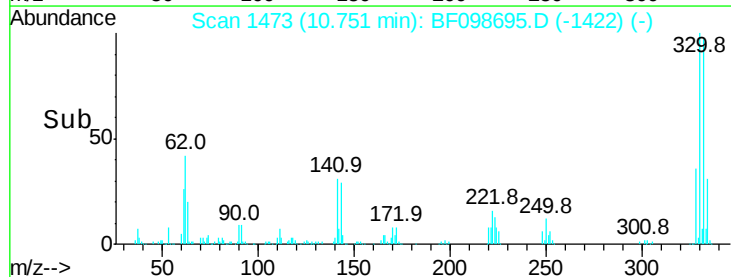
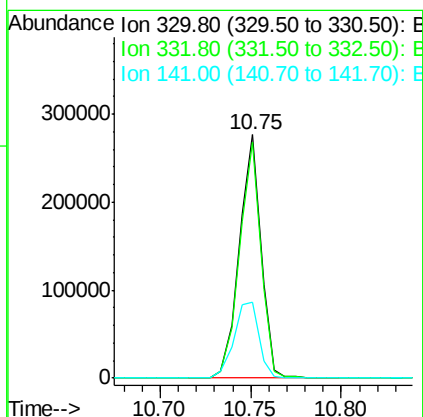
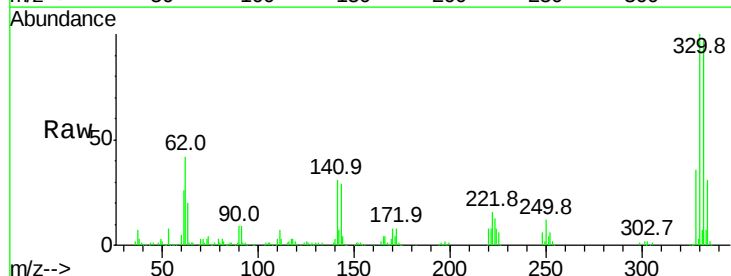
Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

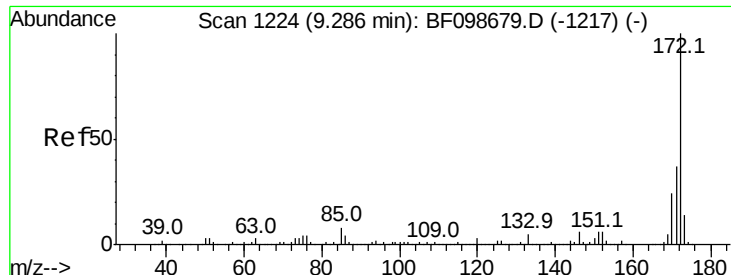
Tot Ion:164 Resp: 231078
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 109.234 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion:330 Resp: 230840
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 36.1 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 82.727 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampleId :

TP-5-COMP

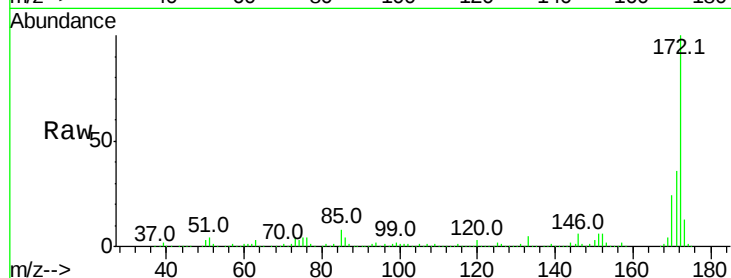
Tot Ion:172 Resp: 1201315

Ion Ratio Lower Upper

172 100

171 35.9 29.7 44.5

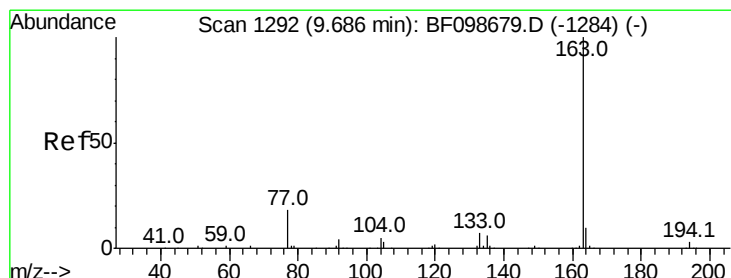
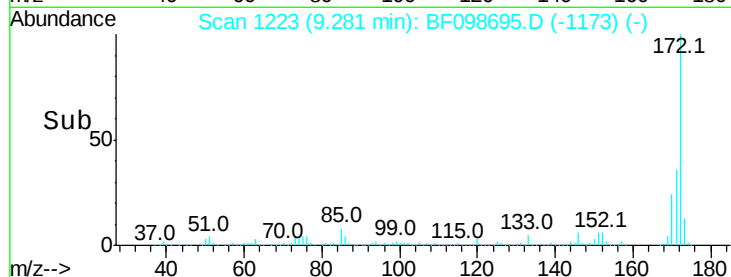
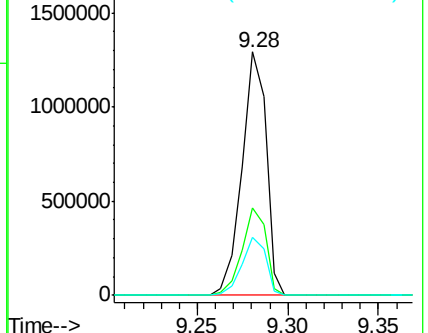
170 23.6 19.6 29.4



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: 10.824 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

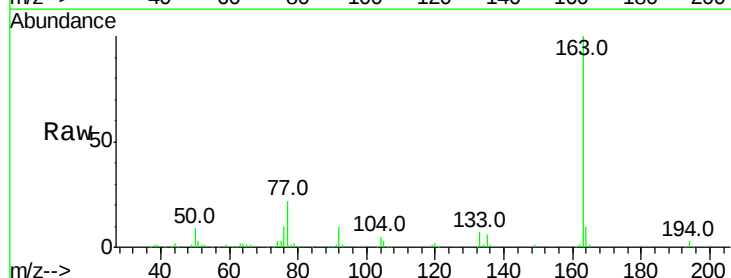
Tgt Ion:163 Resp: 187564

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

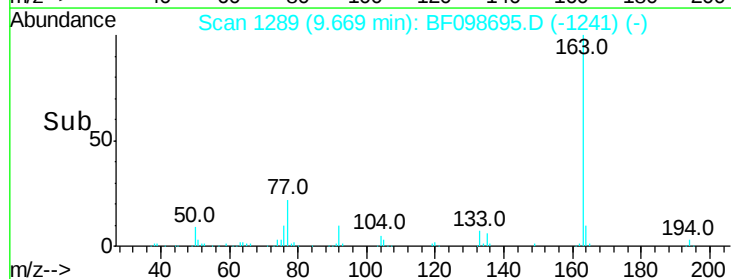
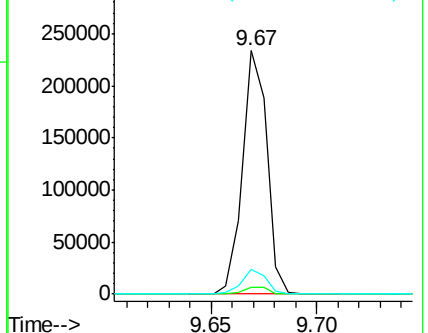
164 10.3 8.2 12.2

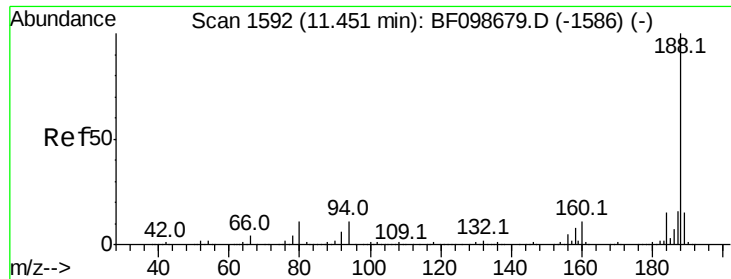


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

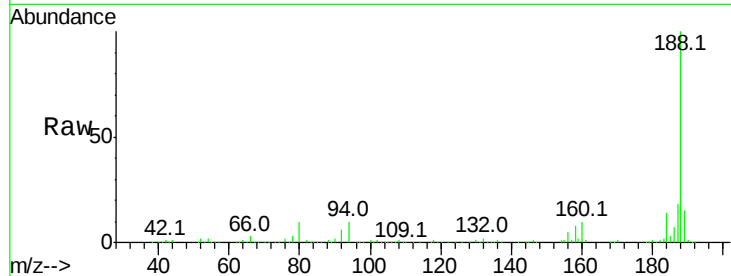




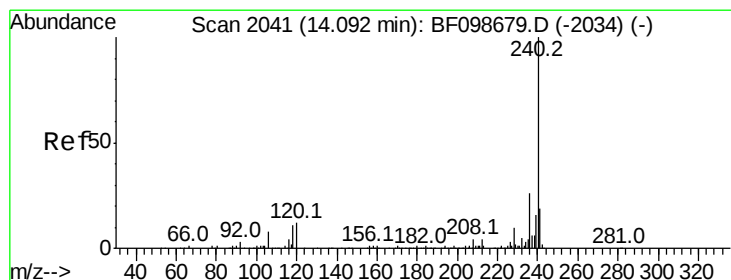
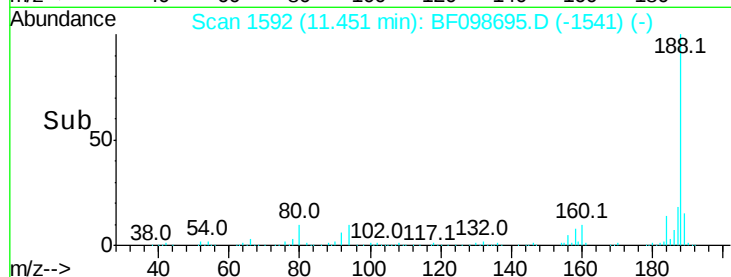
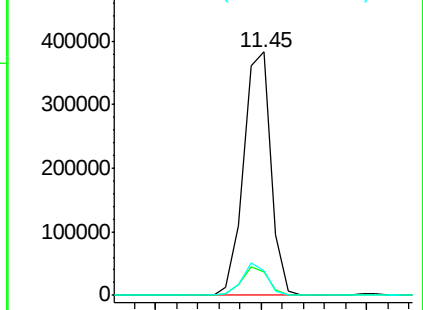
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Instrument :
BNA_F
ClientSampleId :
TP-5-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.0	9.2	13.8

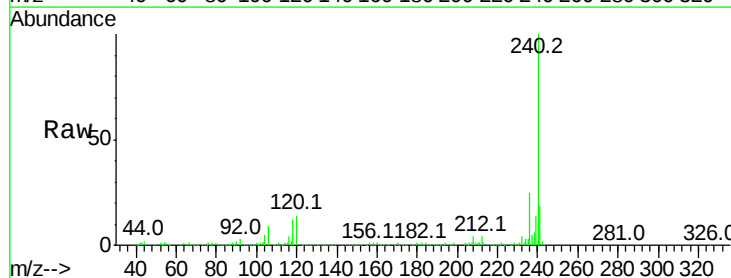


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

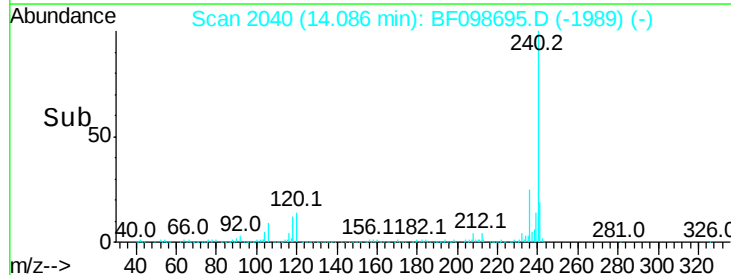
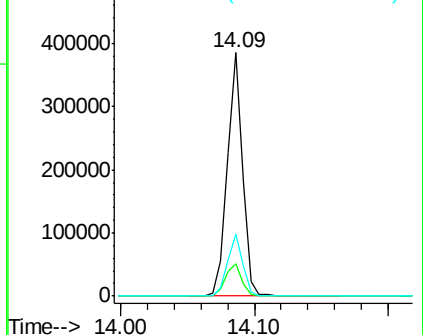


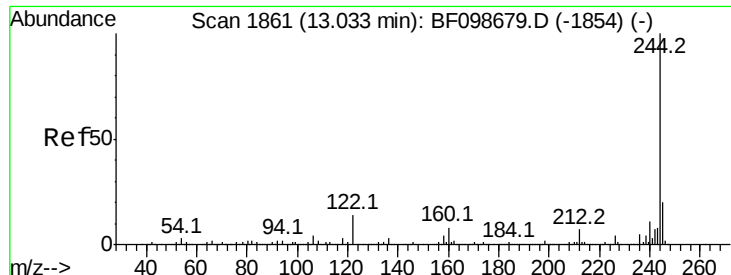
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF098695.D
Acq: 22 Sep 2017 13:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.3	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: 59.517 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

Instrument :

BNA_F

ClientSampled :

TP-5-COMP

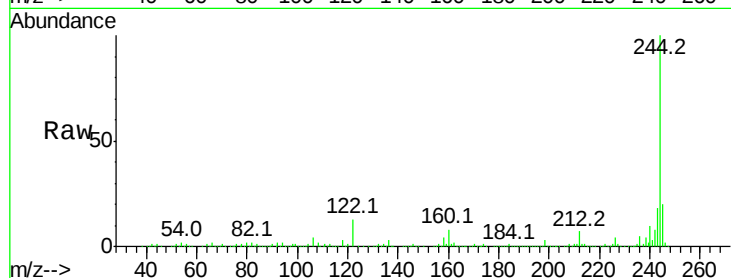
Tot Ion:244 Resp: 866791

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

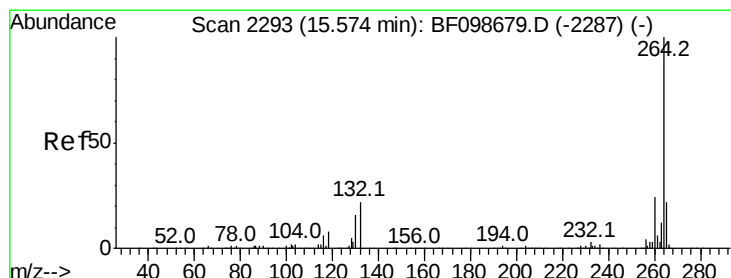
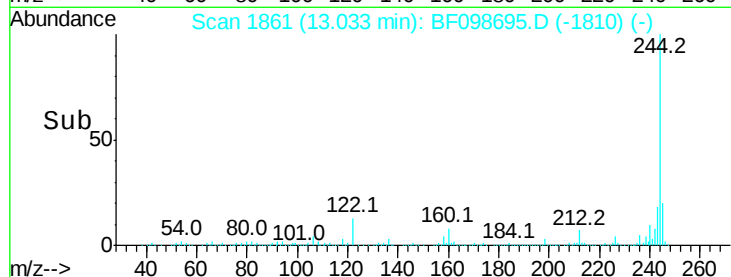
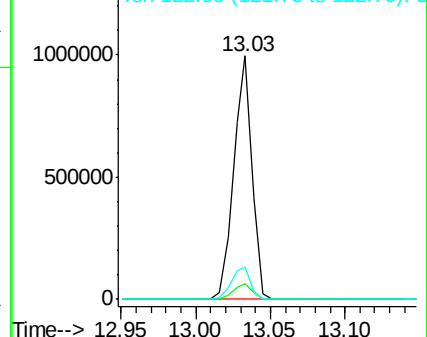
122 13.3 11.0 16.4



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: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098695.D

Acq: 22 Sep 2017 13:01

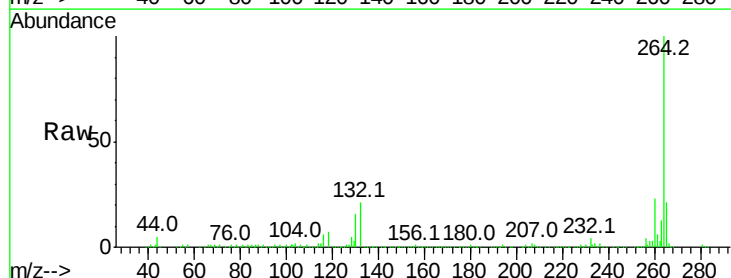
Tgt Ion:264 Resp: 334752

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

