

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098390.D
 Acq On : 9 Sep 2017 17:15
 Operator : SJ/JU
 Sample : I5178-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-11-12

Quant Time: Sep 11 05:36:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

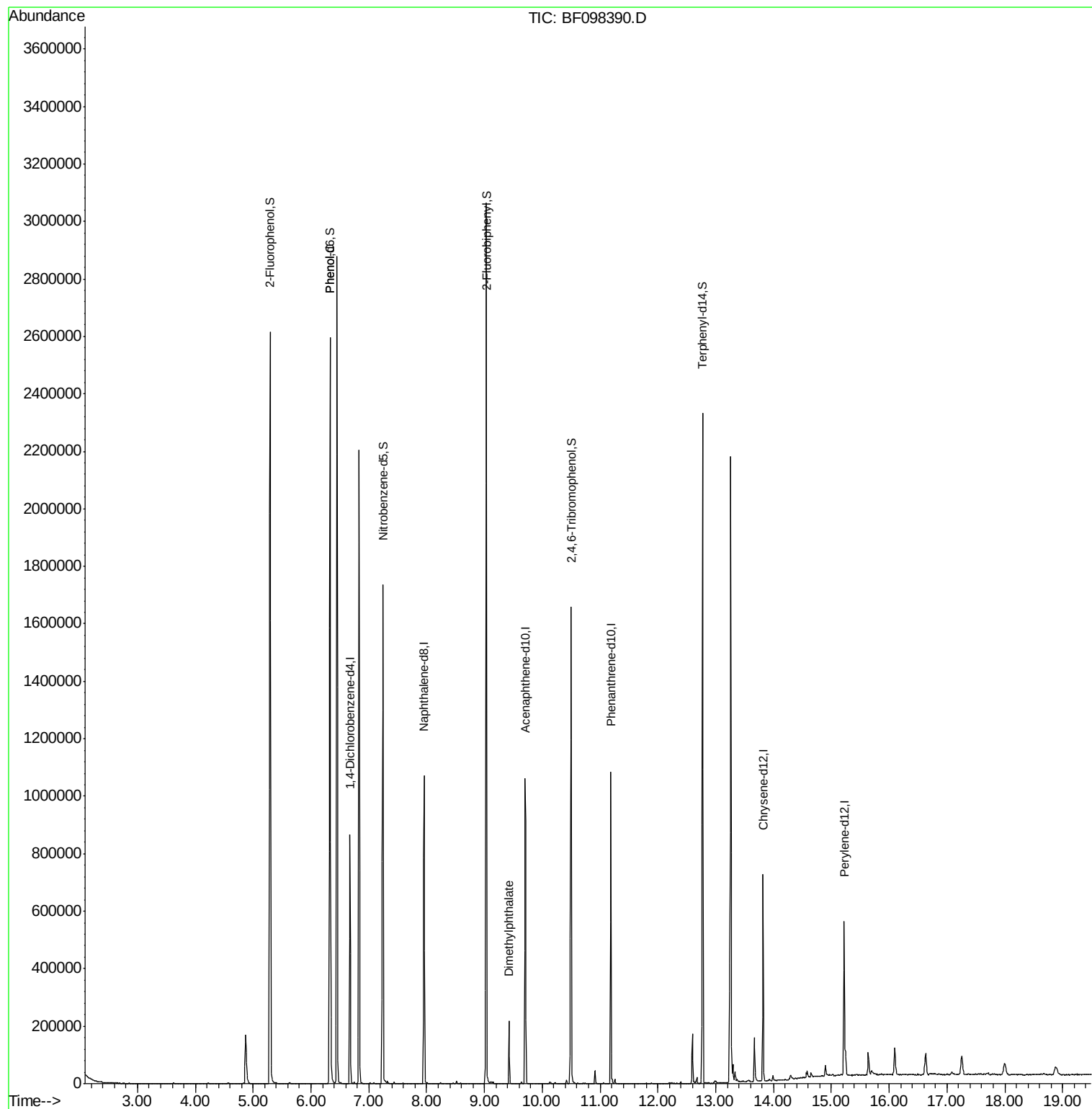
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	117276	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	458656	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	203985	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	359370	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	240337	20.00	ng	-0.04
86) Perylene-d12	15.22	264	227787	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	838815	108.79	ng	-0.01
7) Phenol-d6	6.33	99	1139934	108.82	ng	-0.02
23) Nitrobenzene-d5	7.25	82	702892	83.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	206701	116.79	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1052547	75.81	ng	-0.04
78) Terphenyl-d14	12.77	244	748259	64.92	ng	-0.04
Target Compounds						
10) Phenol	6.34	94	80672	6.584	ng	95
49) Dimethylphthalate	9.43	163	76339	5.120	ng	99

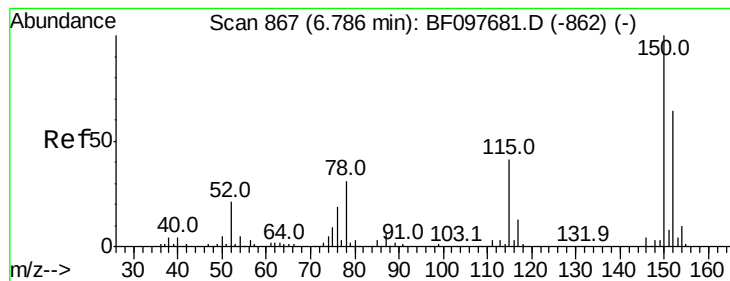
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-11-12

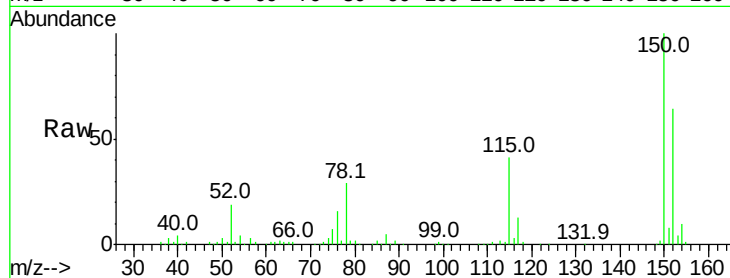
Tot Ion:152 Resp: 117276

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

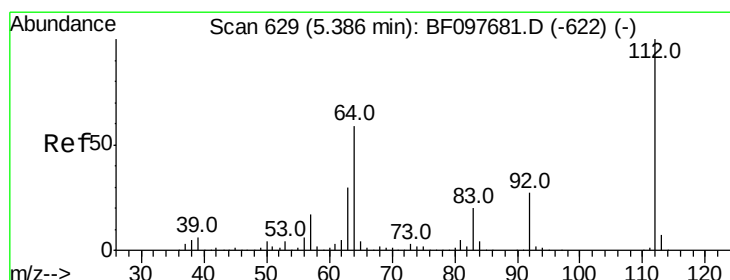
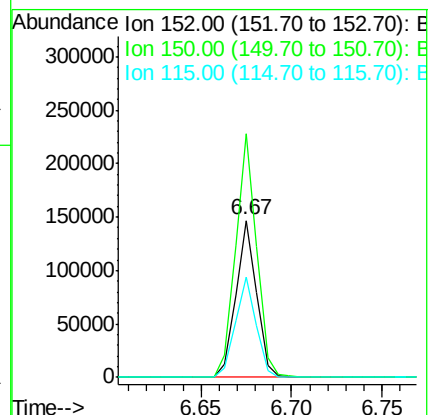
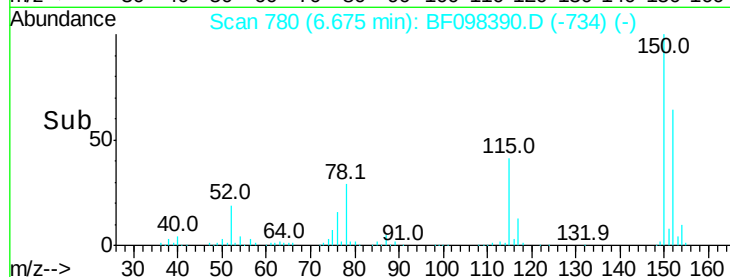
115 64.4 52.2 78.2



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: 108.795 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

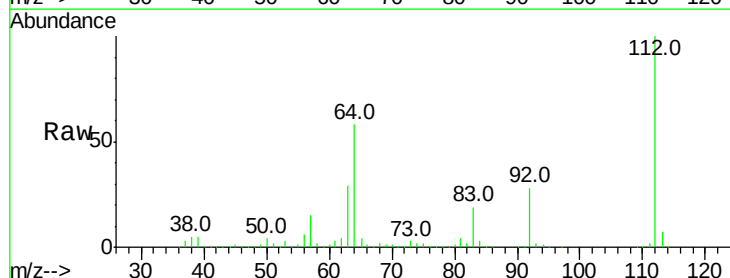
Tgt Ion:112 Resp: 838815

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

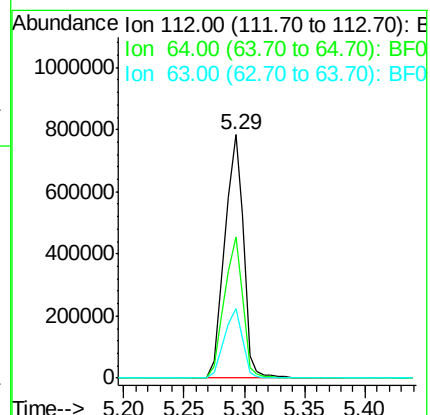
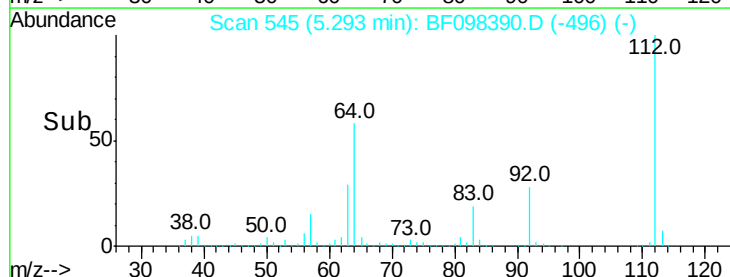
63 28.7 23.4 35.0

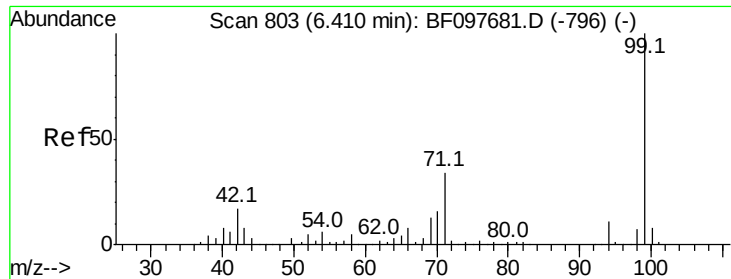


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.816 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-11-12

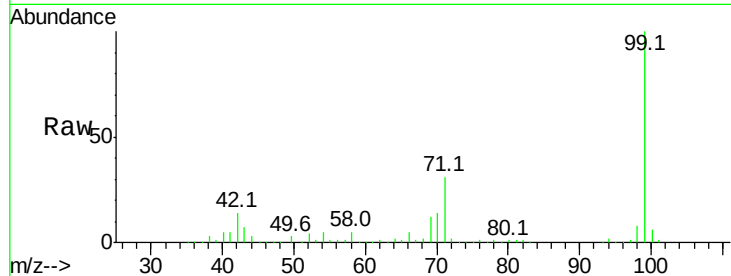
Tot Ion: 99 Resp: 1139934

Ion Ratio Lower Upper

99 100

42 13.5 13.5 20.3

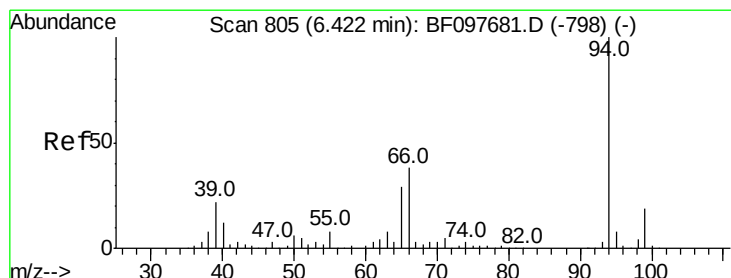
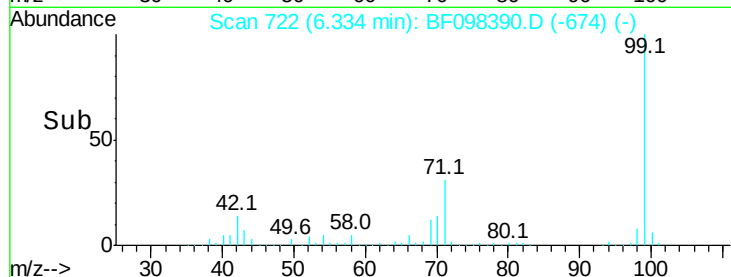
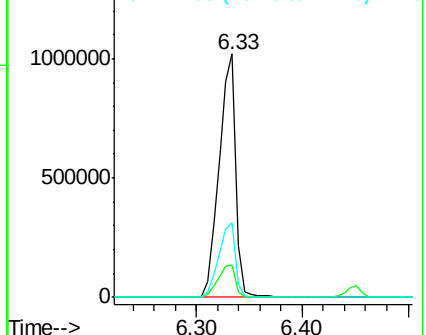
71 30.9 24.5 36.7



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: 6.584 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

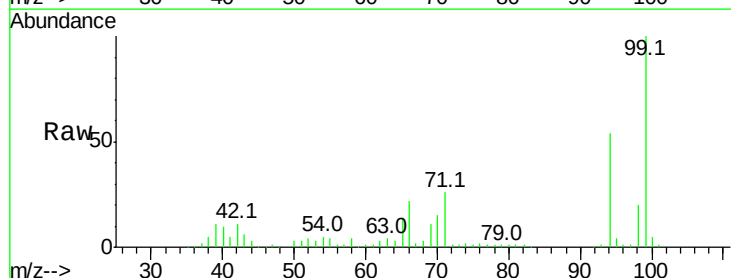
Tgt Ion: 94 Resp: 80672

Ion Ratio Lower Upper

94 100

65 26.4 9.9 49.9

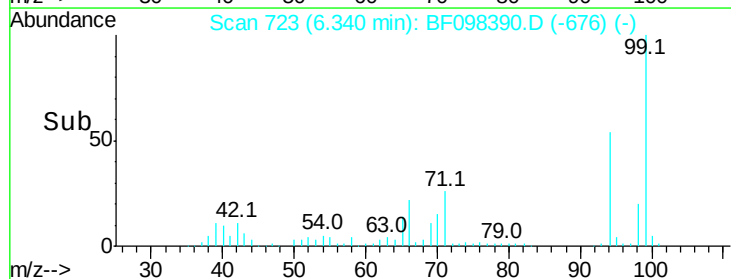
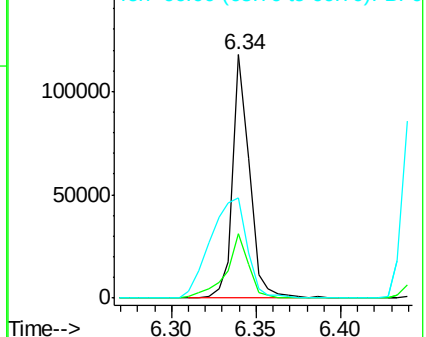
66 40.9 23.1 63.1

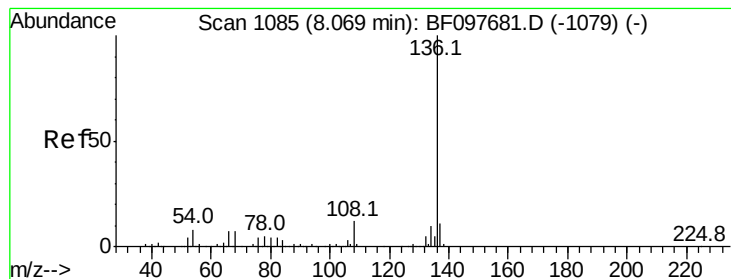


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-11-12

Tot Ion:136 Resp: 458656

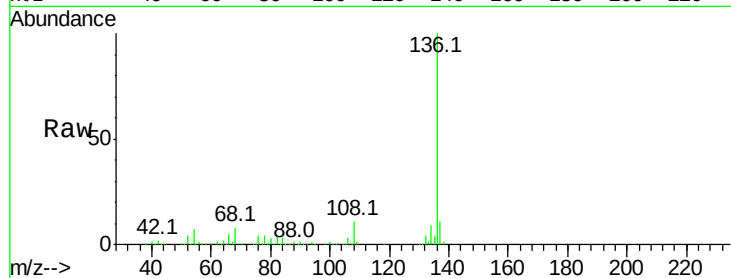
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 7.5 4.1 6.1#

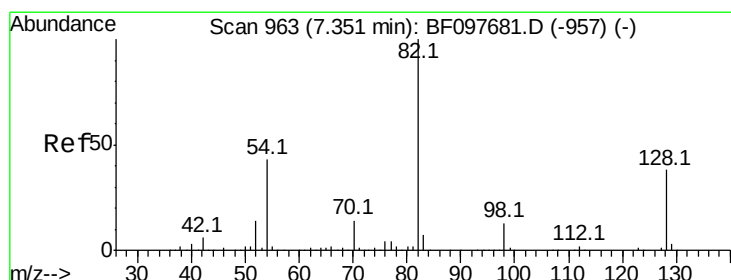
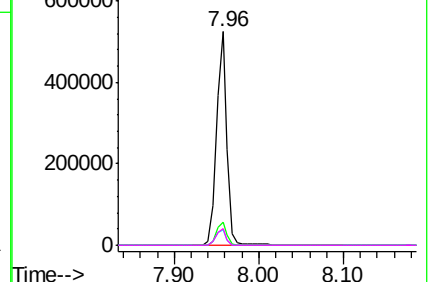
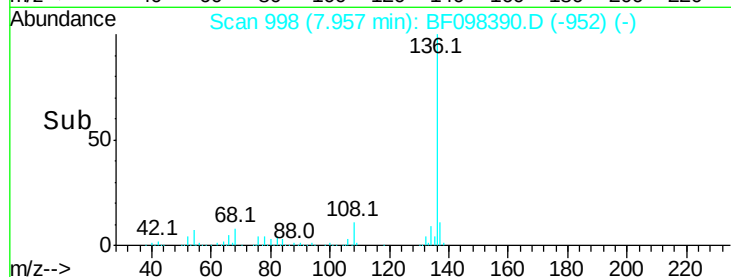


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.253 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.03 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

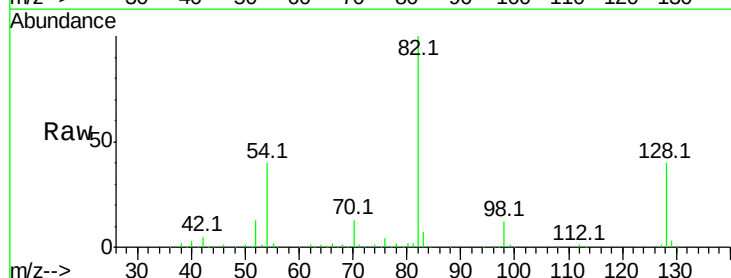
Tgt Ion: 82 Resp: 702892

Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

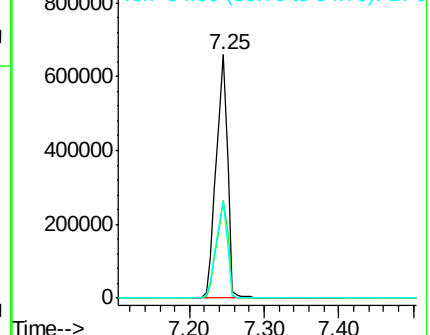
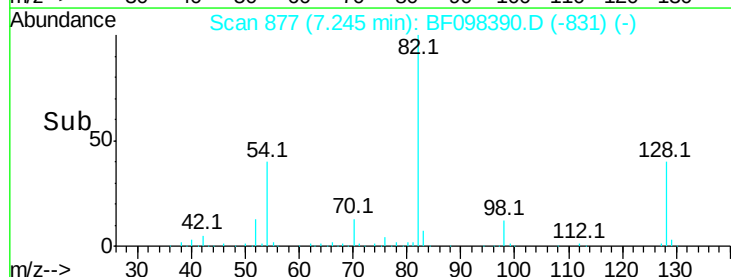
54 39.8 42.2 63.2#

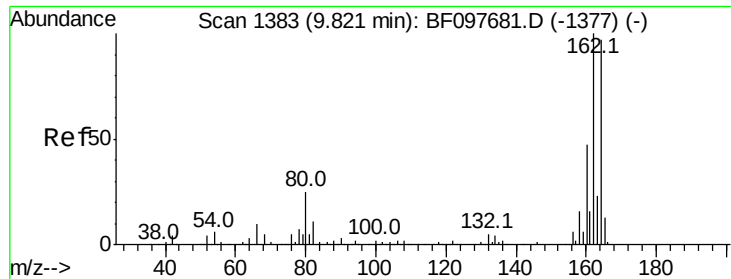


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

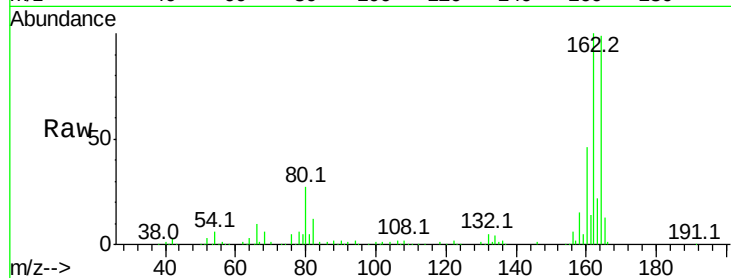




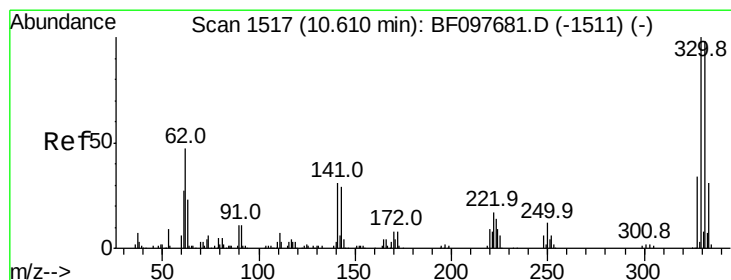
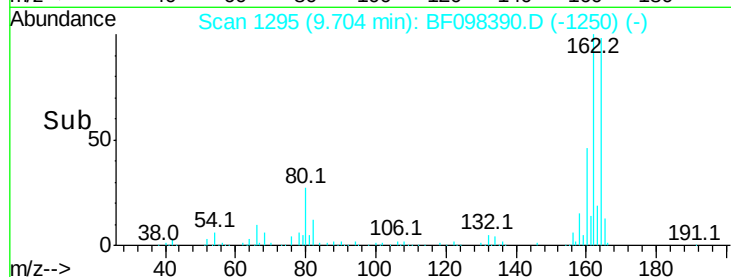
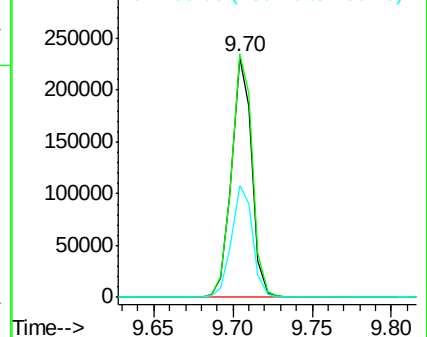
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-11-12

Tot Ion:164 Resp: 203985
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.4 36.2 54.2

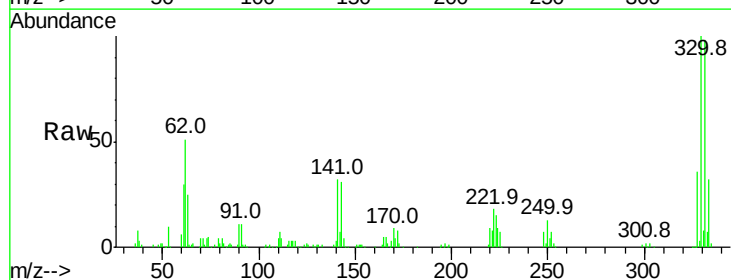


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

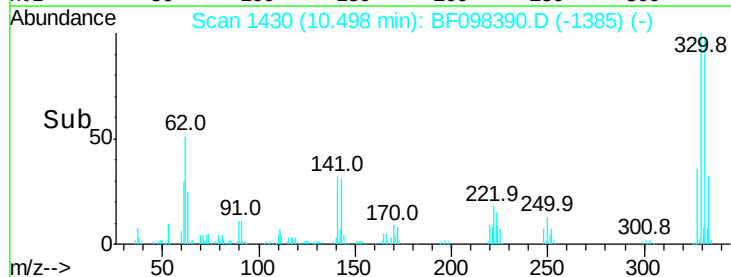
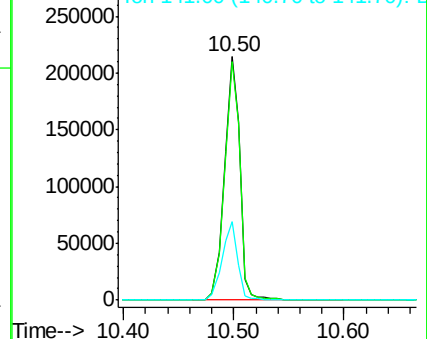


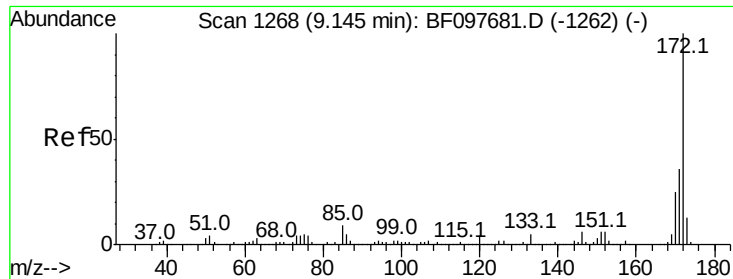
#41
2,4,6-Tribromophenol
Concen: 116.787 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:330 Resp: 206701
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 32.5 31.4 47.2



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

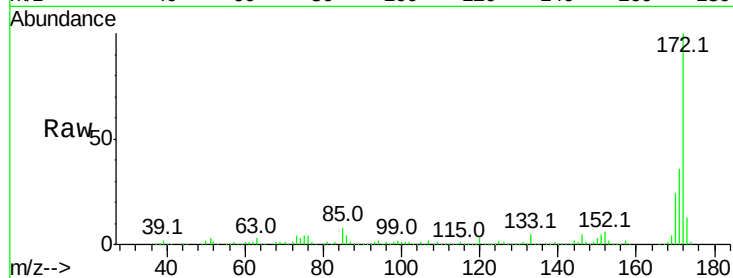




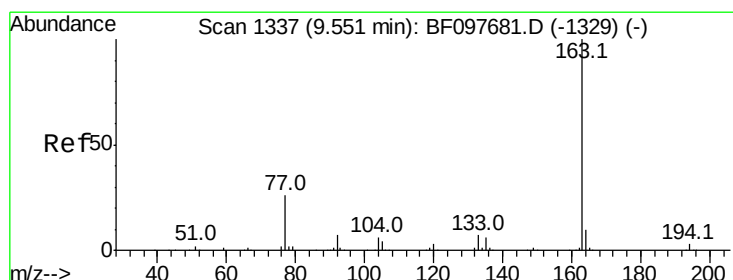
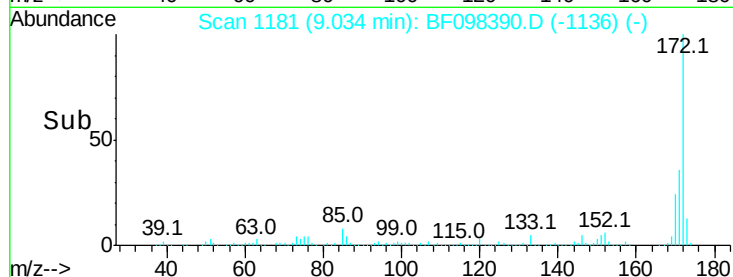
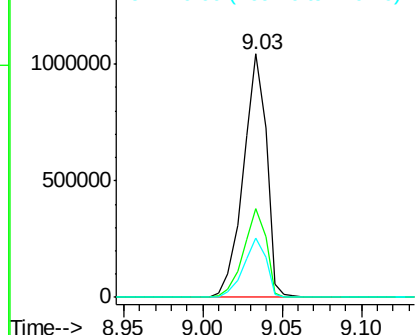
#44
2-Fluorobiphenyl
Concen: 75.810 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-11-12

Tot Ion:172 Resp: 1052547
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.8 29.8

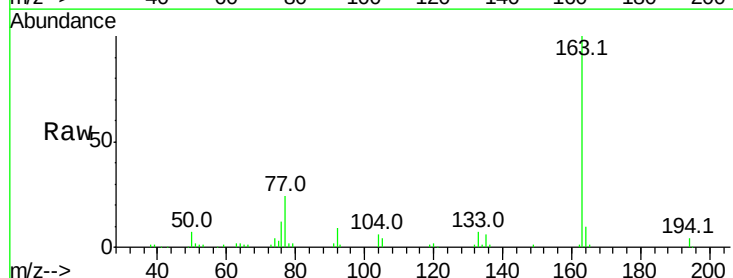


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

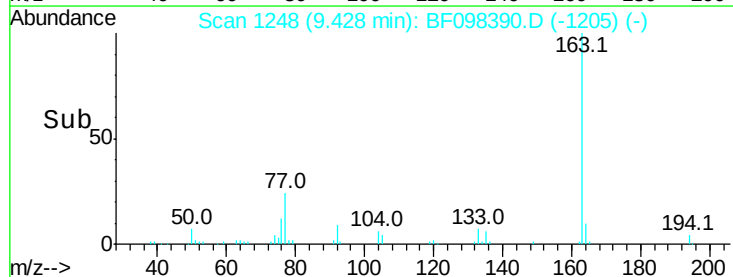
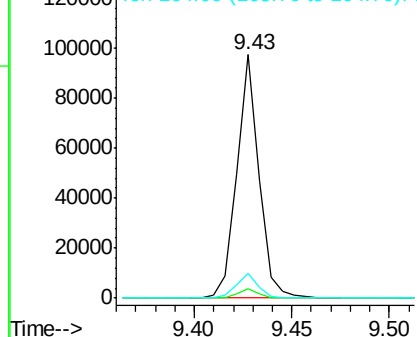


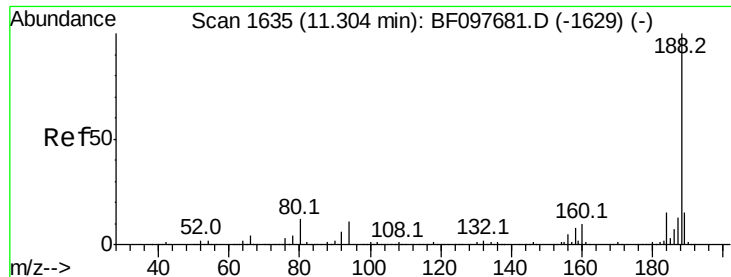
#49
Dimethylphthalate
Concen: 5.120 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:163 Resp: 76339
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 8.4 12.6



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

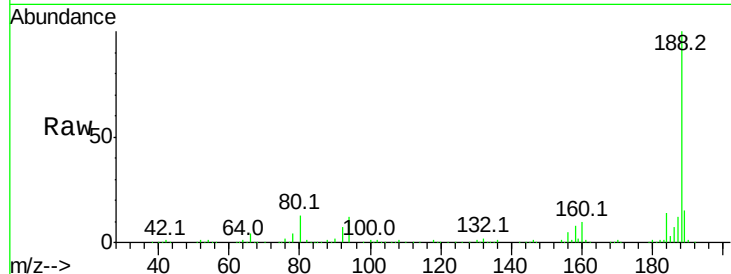




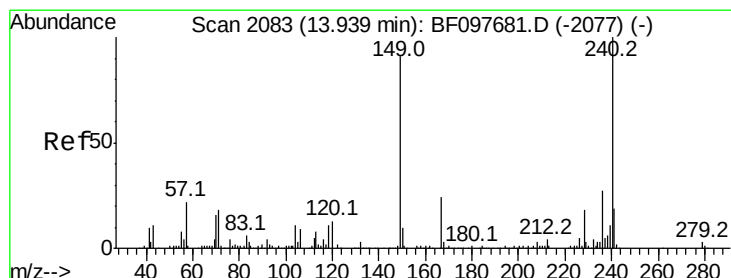
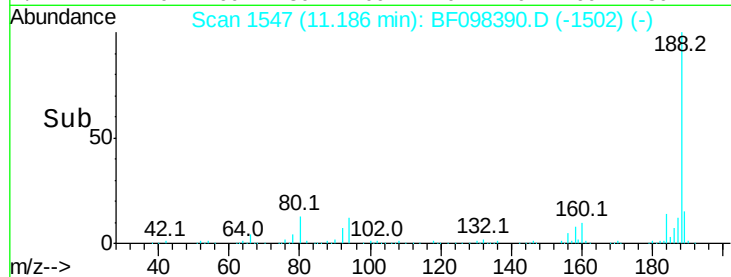
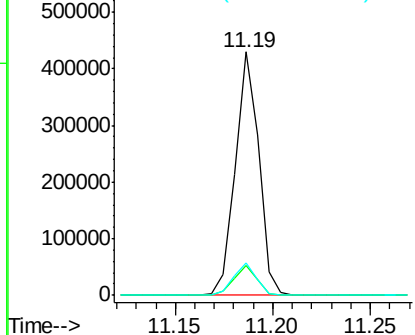
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-11-12

Tot Ion:188 Resp: 359370
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.5 10.2 15.2

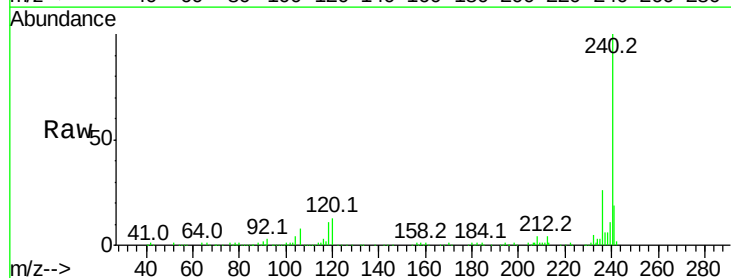


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

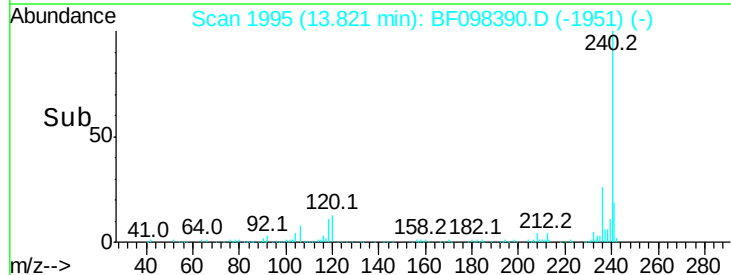
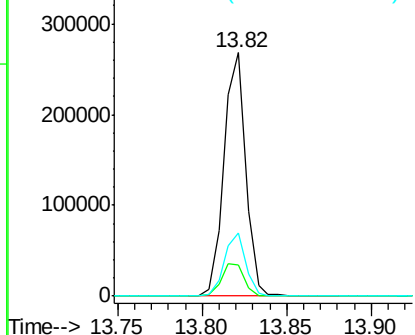


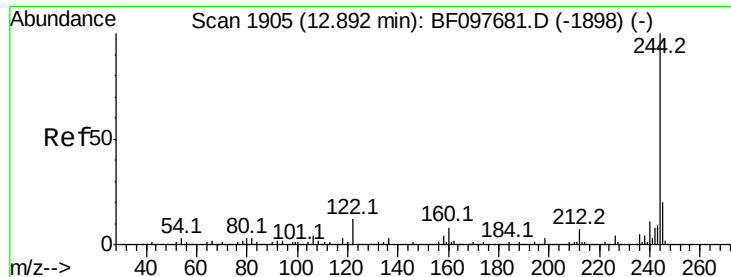
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.04 min
Lab File: BF098390.D
Acq: 9 Sep 2017 17:15

Tgt Ion:240 Resp: 240337
Ion Ratio Lower Upper
240 100
120 12.6 5.8 8.8#
236 26.1 20.5 30.7



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: 64.924 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.04 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-11-12

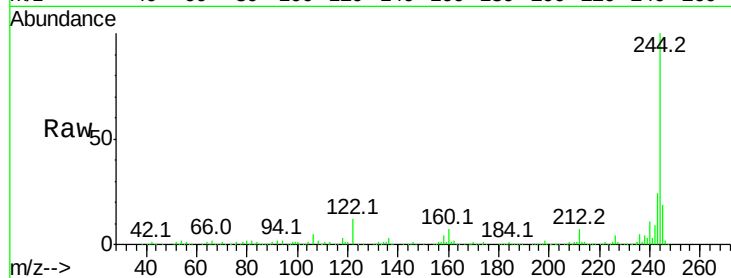
Tot Ion:244 Resp: 748259

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

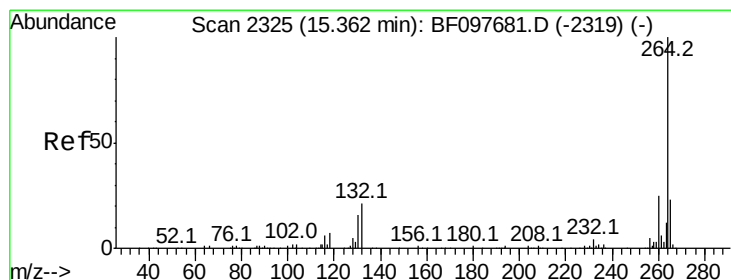
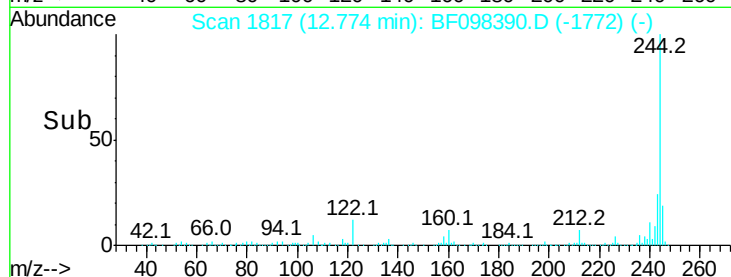
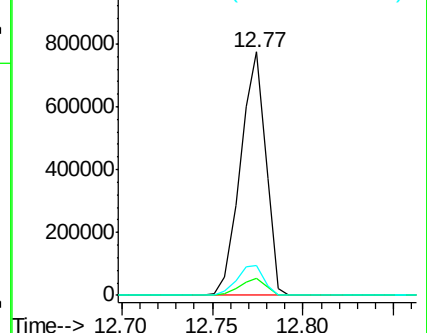
122 12.4 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF098390.D

Acq: 9 Sep 2017 17:15

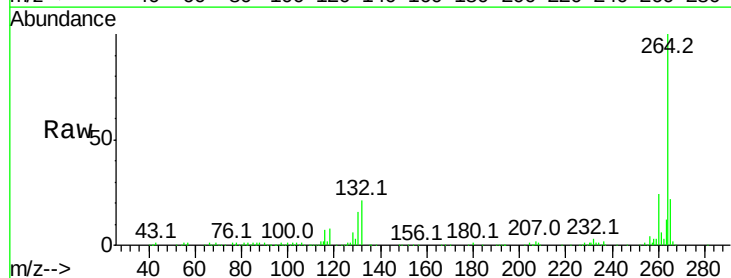
Tgt Ion:264 Resp: 227787

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 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

