

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097706.D
 Acq On : 15 Aug 2017 22:22
 Operator : SJ/JU
 Sample : I4751-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Aug 16 05:16:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

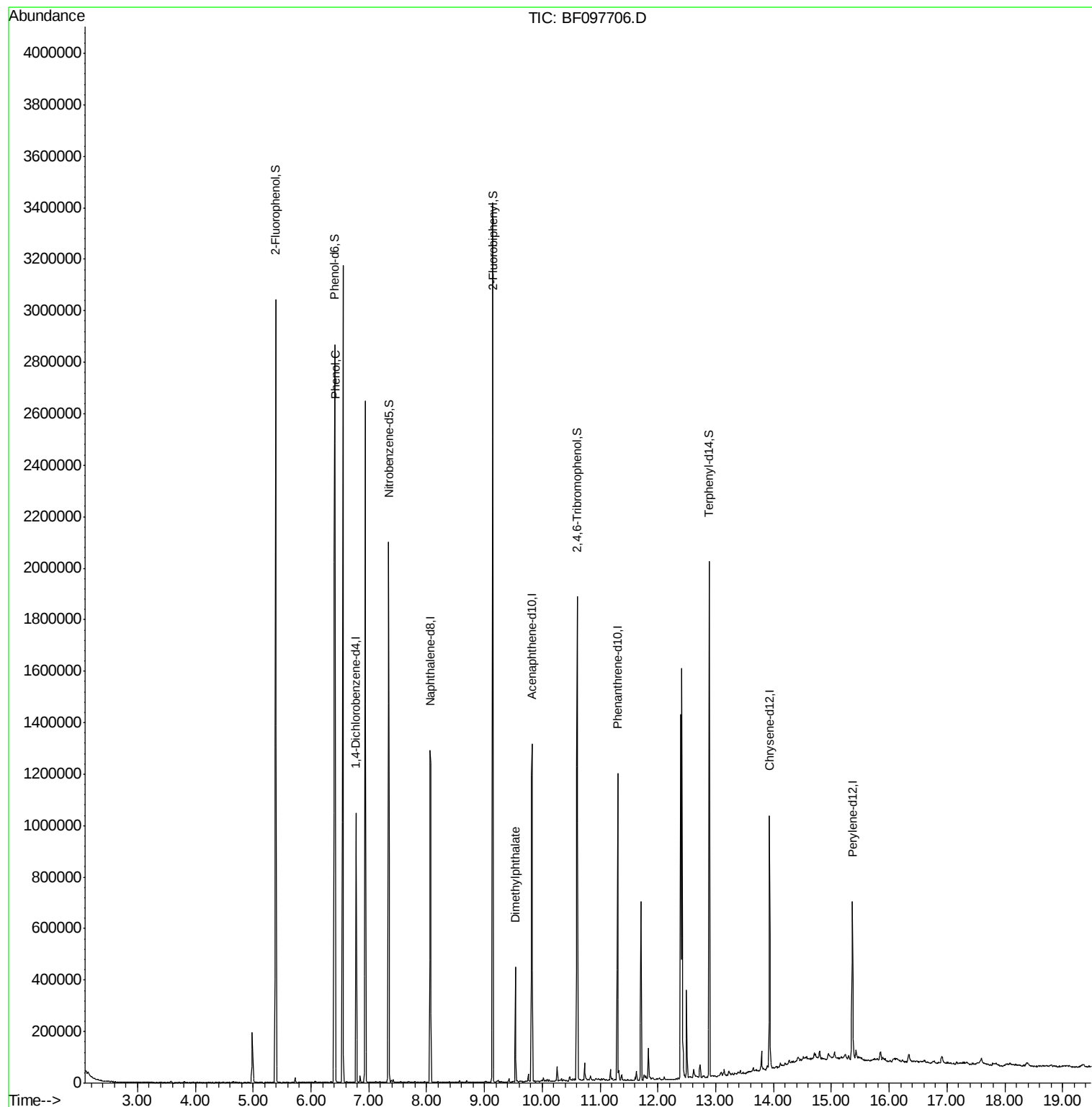
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	140008	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	560573	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	243708	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	435119	20.00	ng	0.00
75) Chrysene-d12	13.93	240	294697	20.00	ng	0.00
86) Perylene-d12	15.37	264	272389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	866899	94.18	ng	0.00
7) Phenol-d6	6.41	99	1167739	93.37	ng	0.00
23) Nitrobenzene-d5	7.35	82	691191	66.98	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	186852	88.36	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	970043	58.48	ng	0.00
78) Terphenyl-d14	12.89	244	600422	42.49	ng	0.00
Target Compounds						
10) Phenol	6.42	94	36283	2.481	ng	93
49) Dimethylphthalate	9.54	163	156040	8.759	ng	99

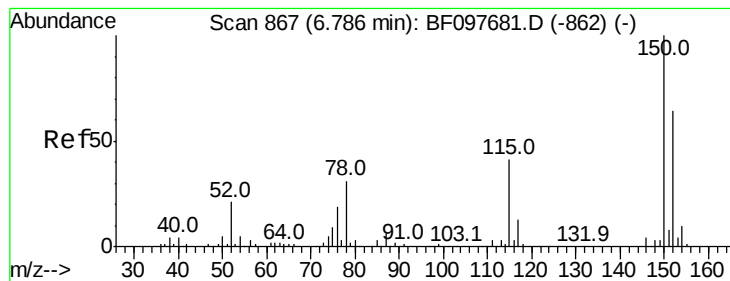
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

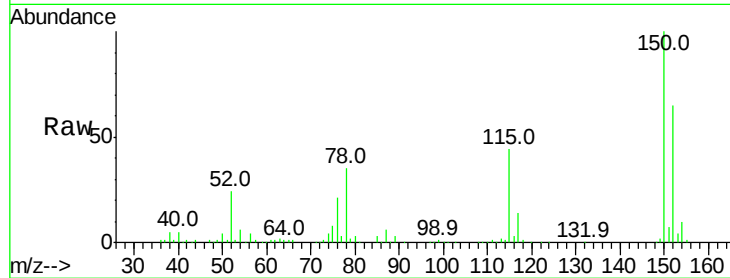
Tot Ion:152 Resp: 140008

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.2

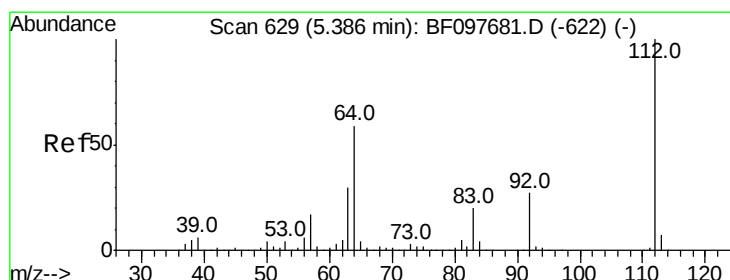
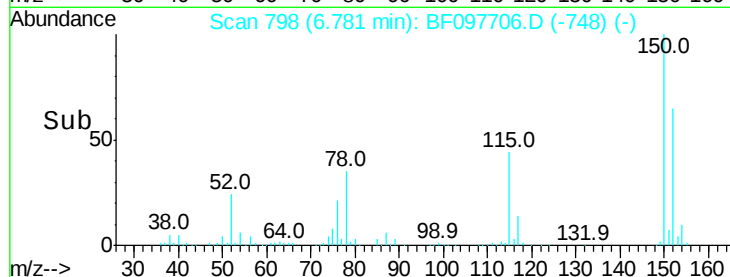
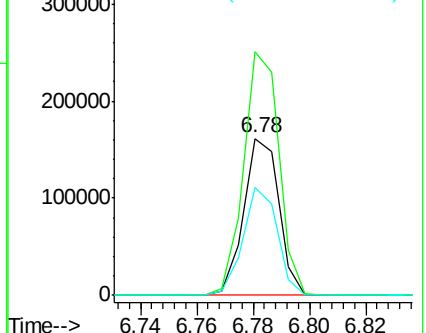
115 68.6 52.2 78.2



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: 94.182 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

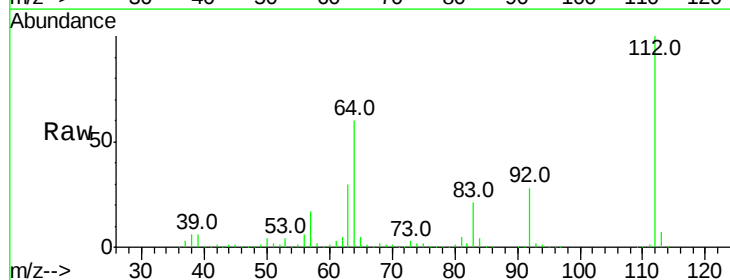
Tgt Ion:112 Resp: 866899

Ion Ratio Lower Upper

112 100

64 60.3 46.0 69.0

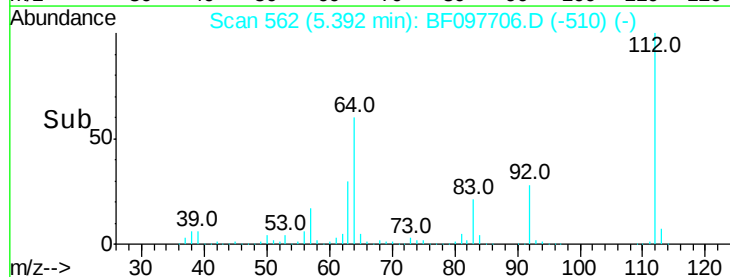
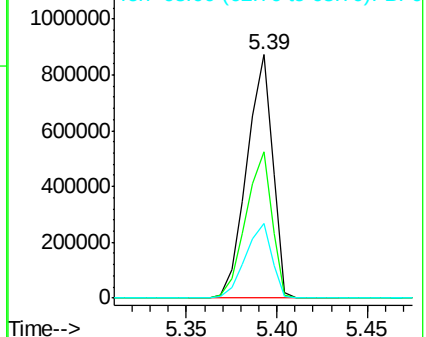
63 30.4 23.4 35.0

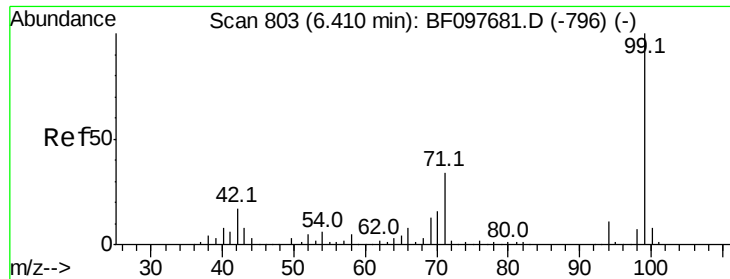


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.372 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

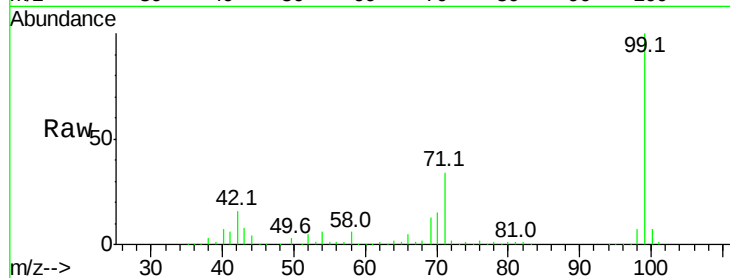
BNA_F

ClientSampleId :

SB-24-COMP

Tot Ion: 99 Resp: 1167739

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	33.6	24.5	36.7

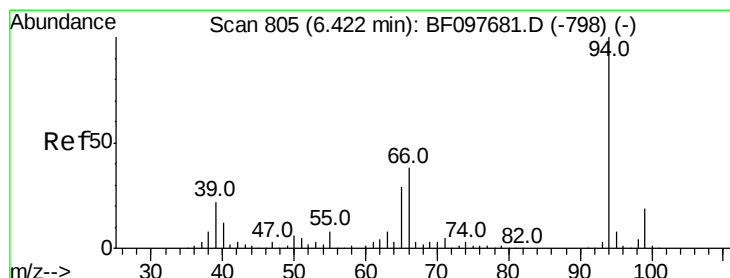
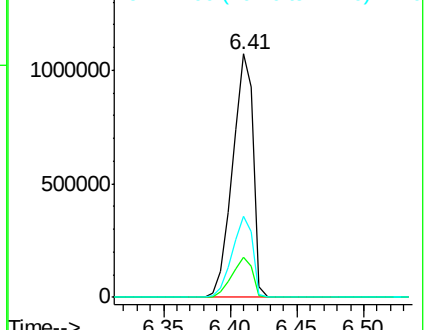
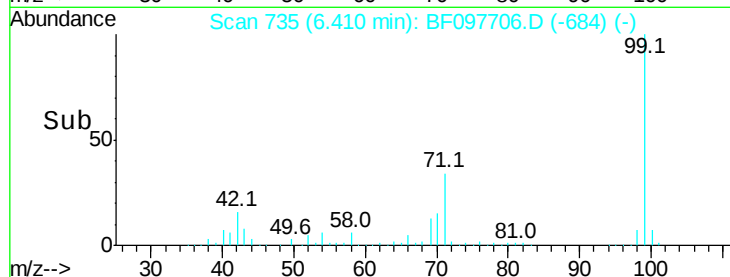


Abundance

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: 2.481 ng

RT: 6.42 min Scan# 737

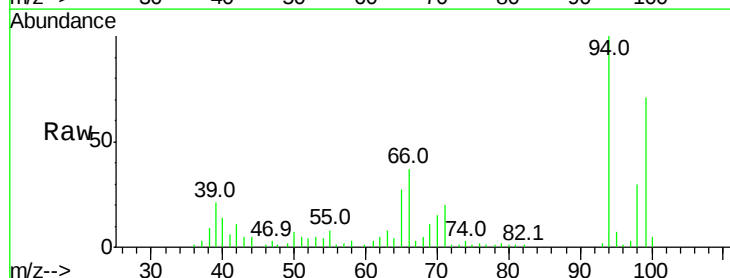
Delta R.T. 0.00 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Tgt Ion: 94 Resp: 36283

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.9	49.9
66	37.4	23.1	63.1

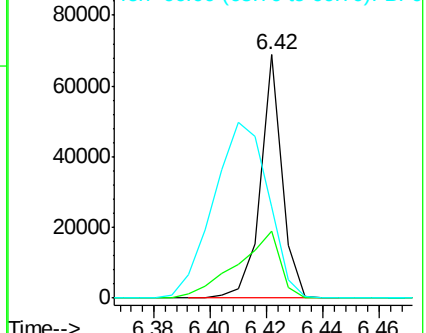
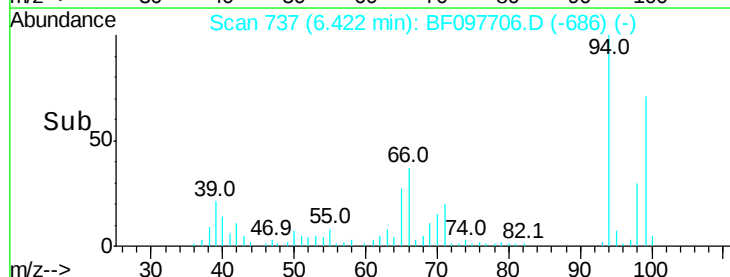


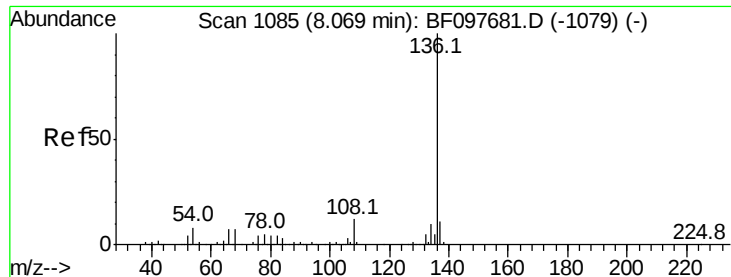
Abundance

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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

Tot Ion:136 Resp: 560573

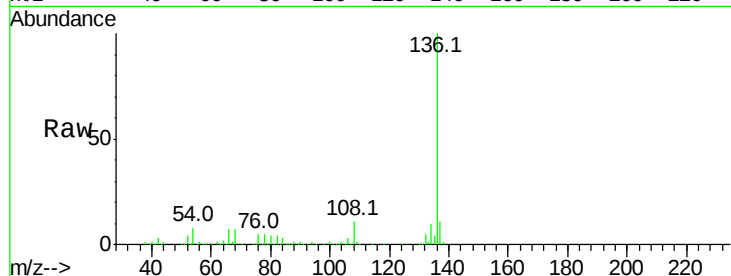
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.2 4.9 7.3#

68 7.3 4.1 6.1#

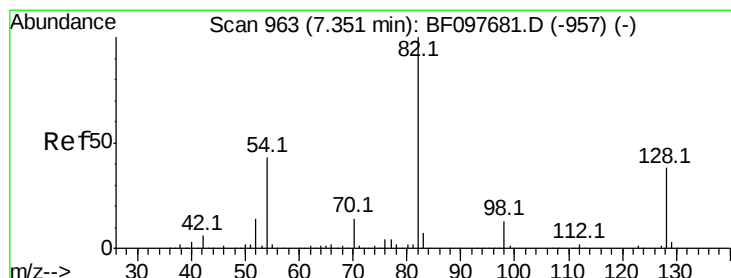
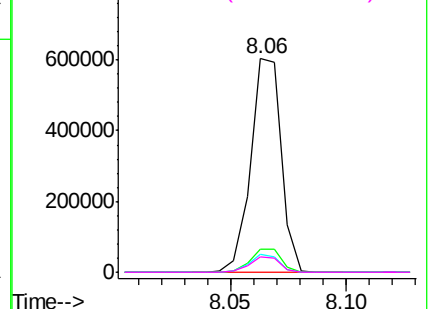
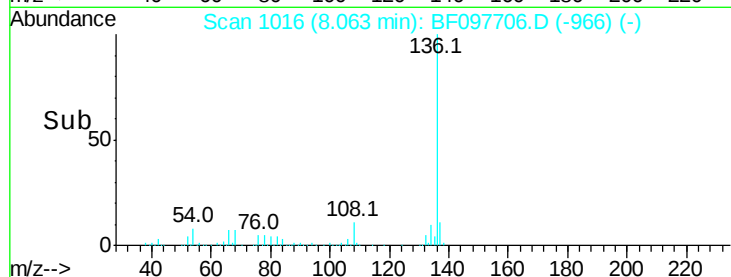


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.983 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

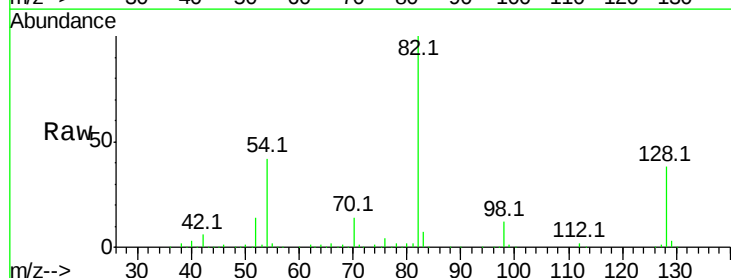
Tgt Ion: 82 Resp: 691191

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

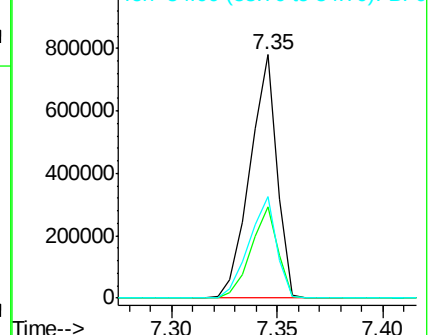
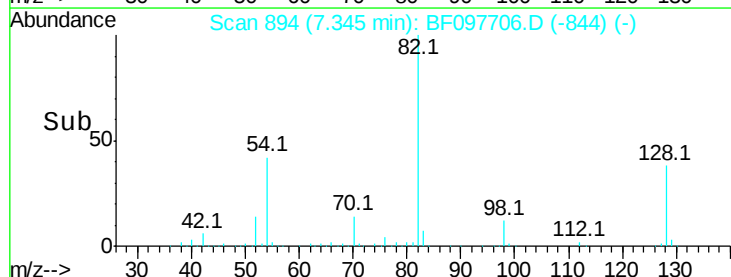
54 41.9 42.2 63.2#

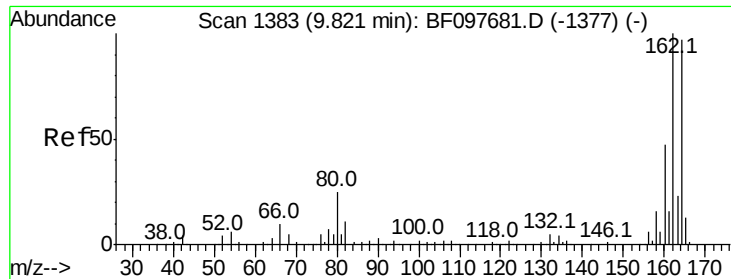


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

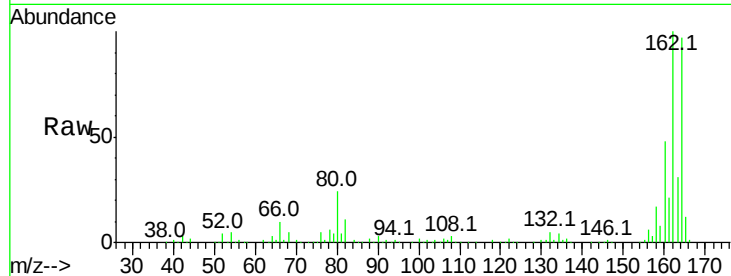




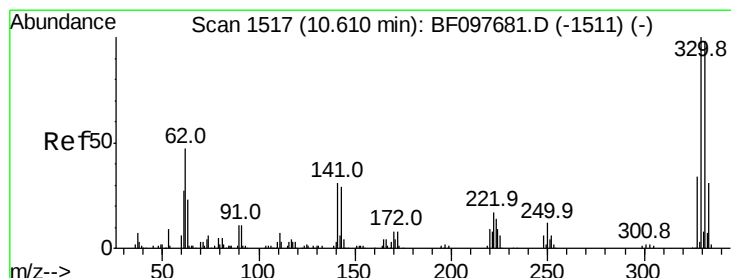
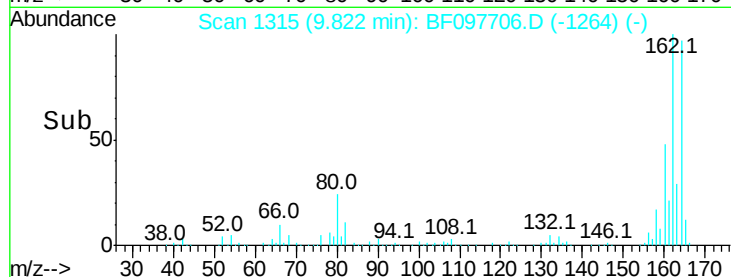
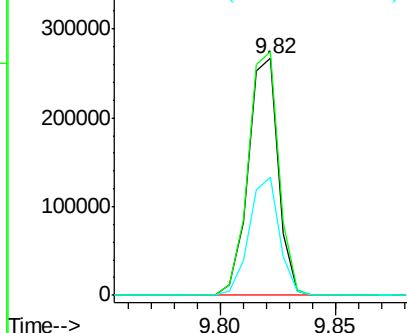
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tot Ion:164 Resp: 243708
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 49.7 36.2 54.2

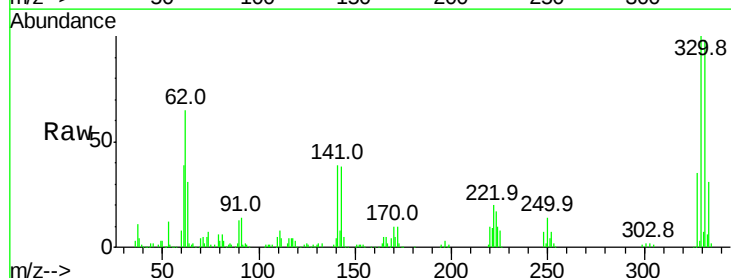


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

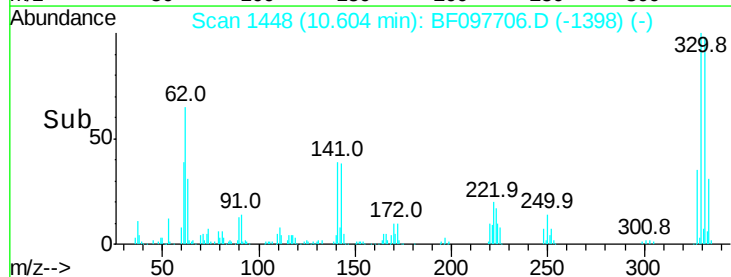
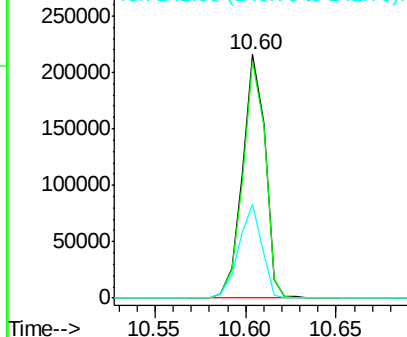


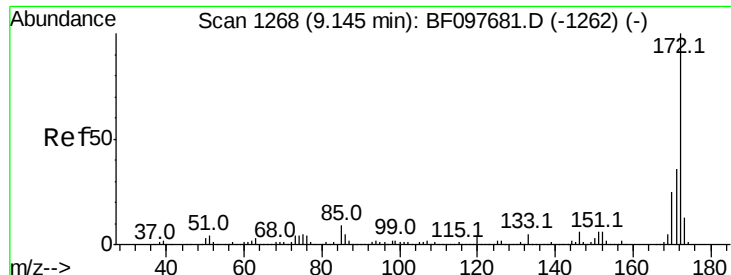
#41
2,4,6-Tribromophenol
Concen: 88.364 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097706.D
Acq: 15 Aug 2017 22:22

Tgt Ion:330 Resp: 186852
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 39.6 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

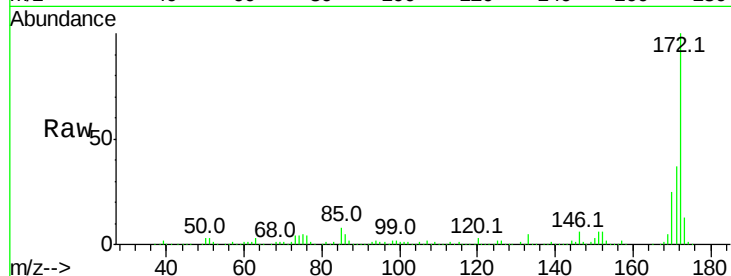




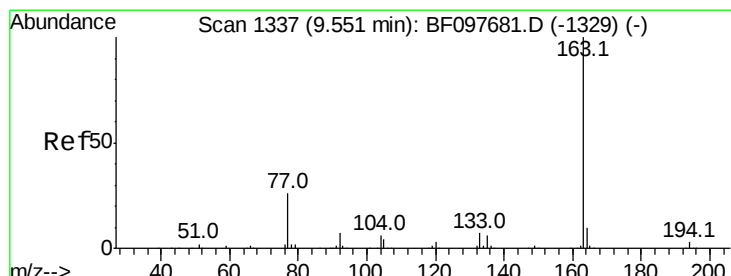
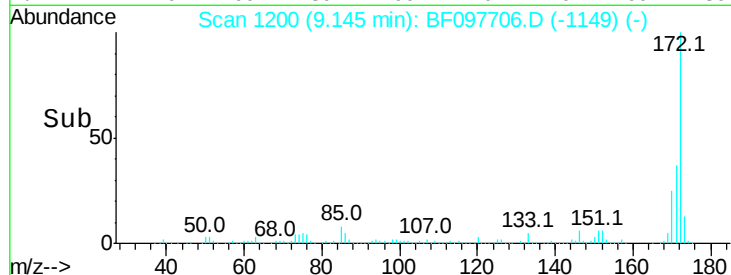
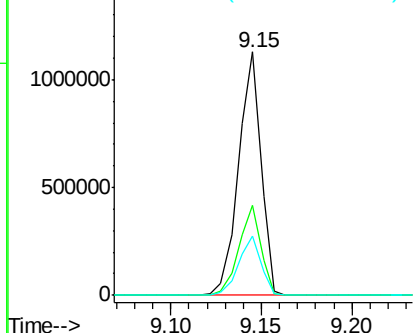
#44
 2-Fluorobiphenyl
 Concen: 58.480 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.6	19.8	29.8

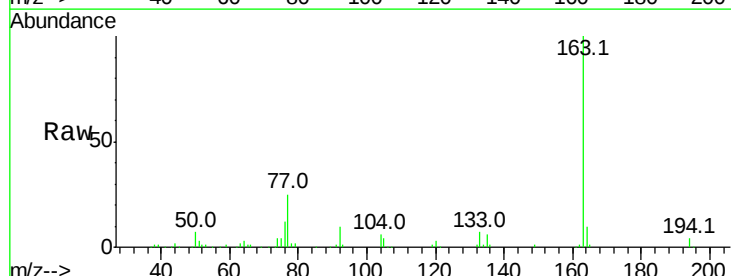


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

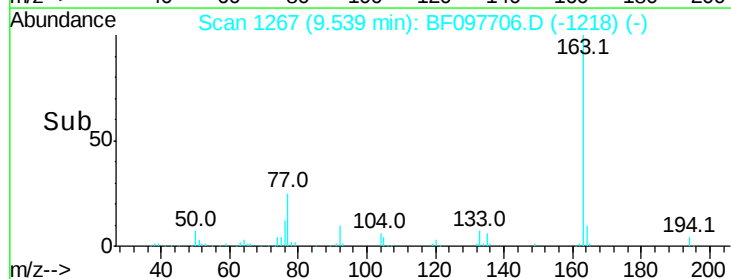
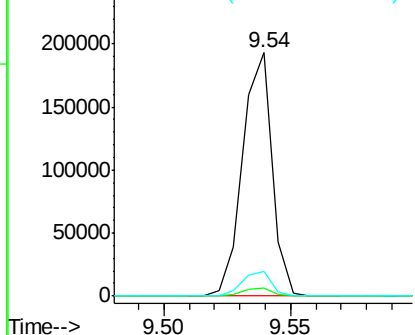


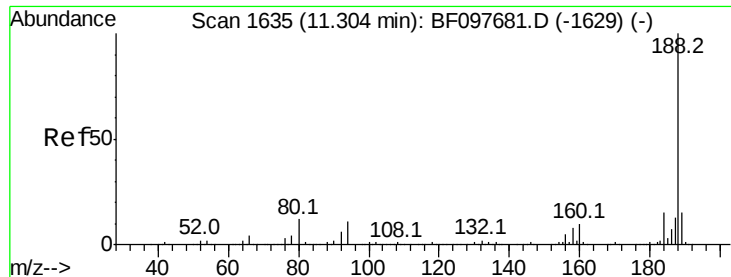
#49
 Dimethylphthalate
 Concen: 8.759 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097706.D
 Acq: 15 Aug 2017 22:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	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: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

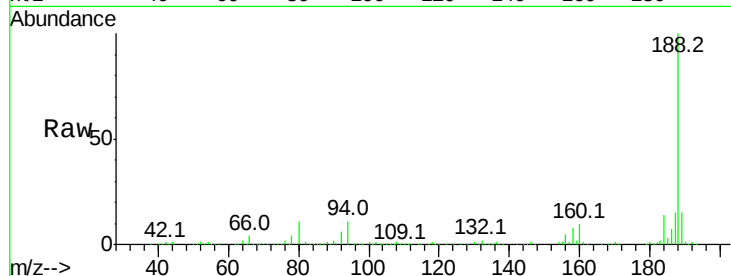
Tot Ion:188 Resp: 435119

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

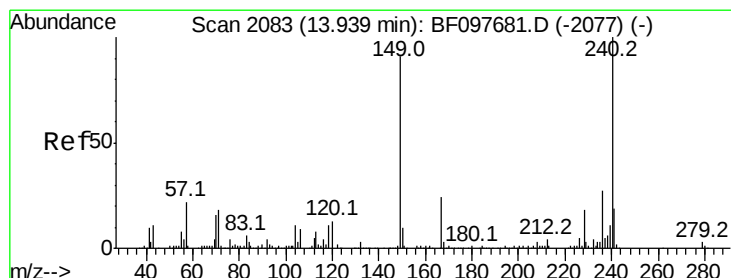
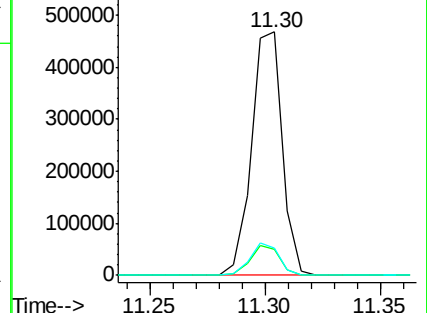
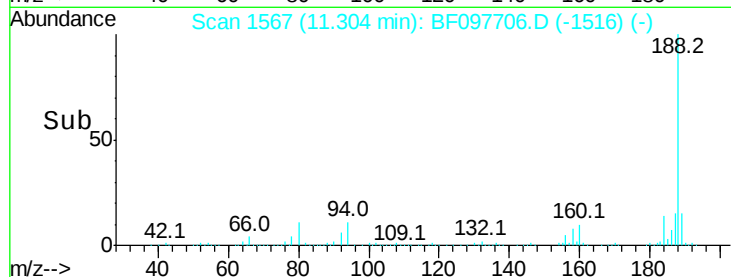
80 11.3 10.2 15.2



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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

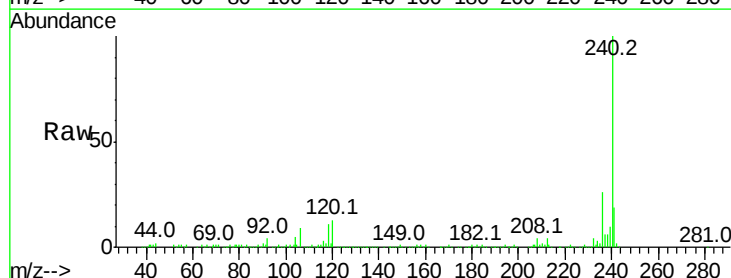
Tgt Ion:240 Resp: 294697

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

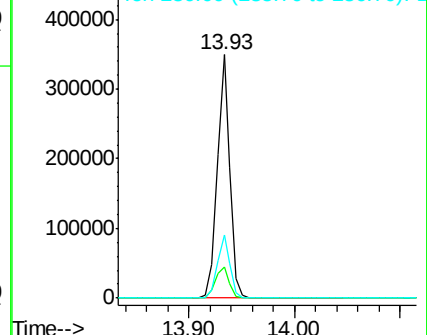
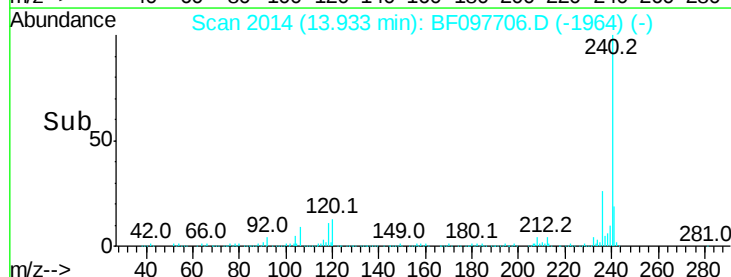
236 26.1 20.5 30.7

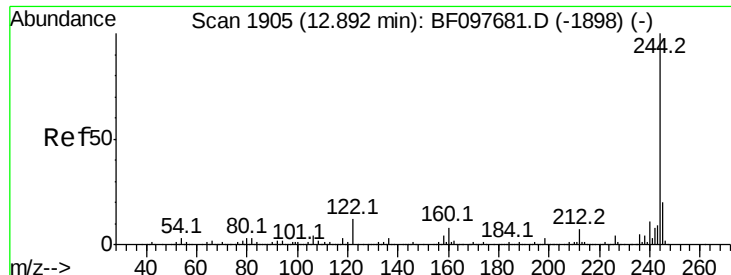


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 42.487 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

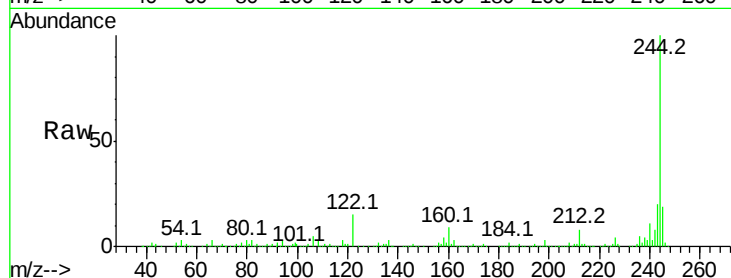
Tot Ion:244 Resp: 600422

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

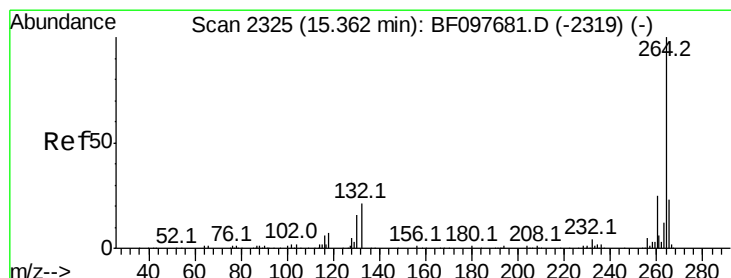
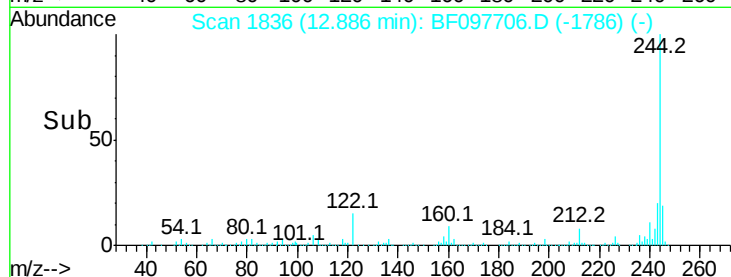
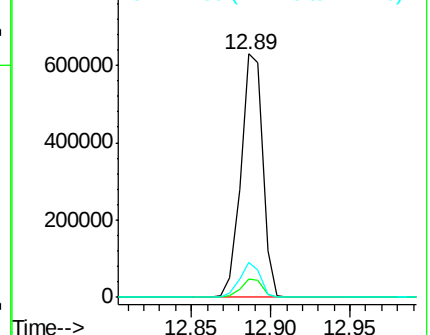
122 14.6 10.3 15.5



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097706.D

Acq: 15 Aug 2017 22:22

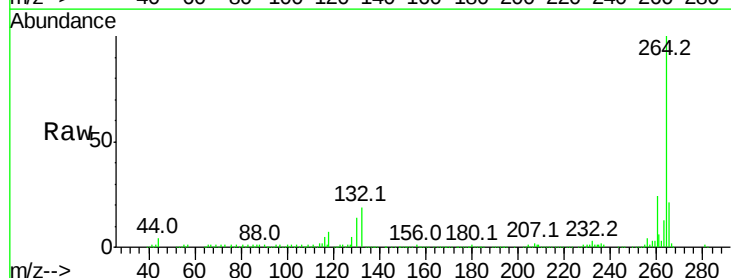
Tgt Ion:264 Resp: 272389

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 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

