

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097398.D
 Acq On : 5 Aug 2017 15:41
 Operator : SJ/JU
 Sample : I4592-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Quant Time: Aug 06 04:36:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

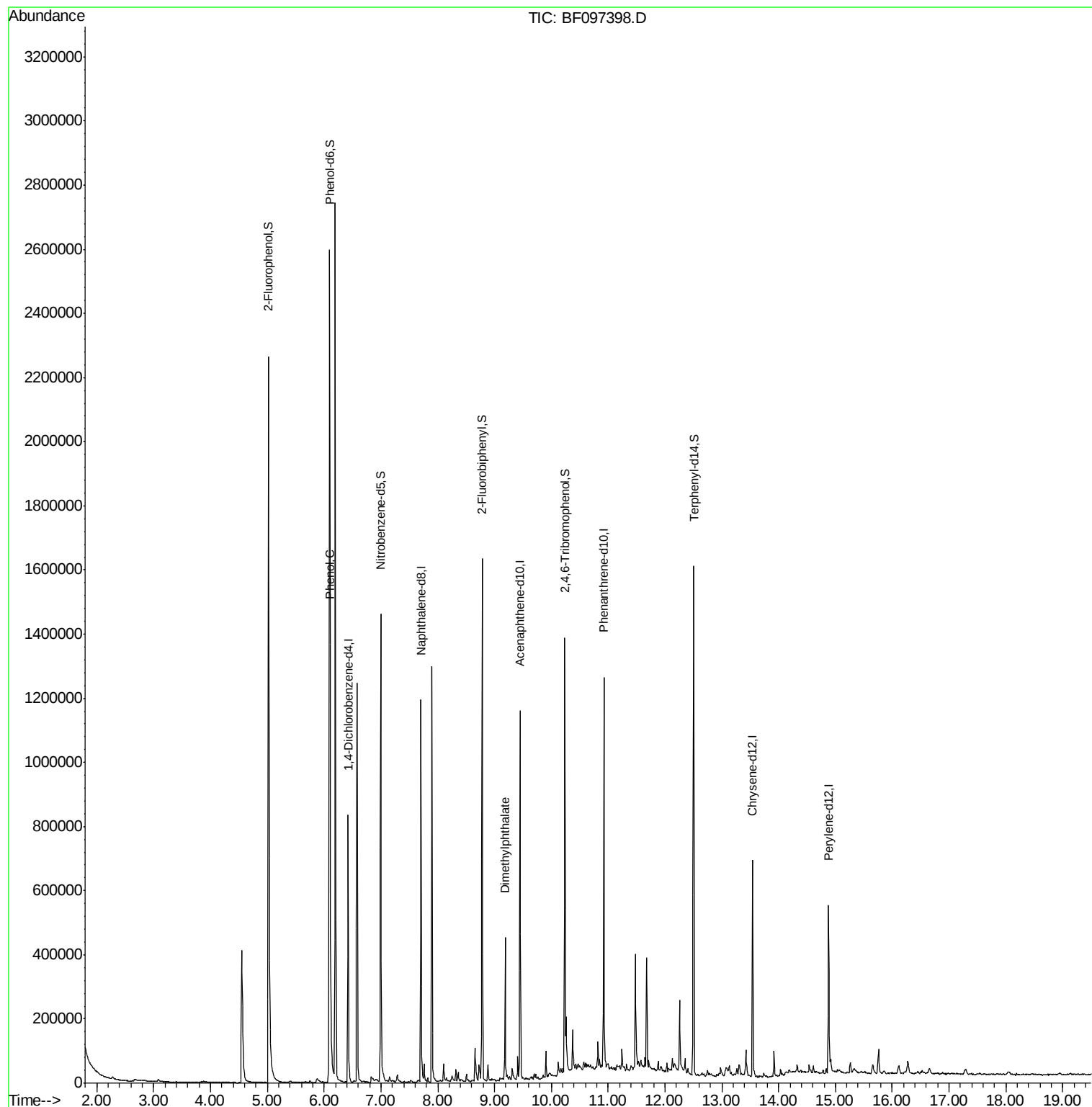
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	122835	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	535017	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	223070	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	404217	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	222504	20.00	ng	-0.09
86) Perylene-d12	14.88	264	205566	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	754540	92.60	ng	-0.08
7) Phenol-d6	6.10	99	970051	104.28	ng	-0.07
23) Nitrobenzene-d5	7.00	82	500884	54.92	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	148431	84.22	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	543395	41.34	ng	-0.08
78) Terphenyl-d14	12.50	244	474018	43.44	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	27286	2.473	ng	Qvalue # 78
49) Dimethylphthalate	9.19	163	166074	9.804	ng	98

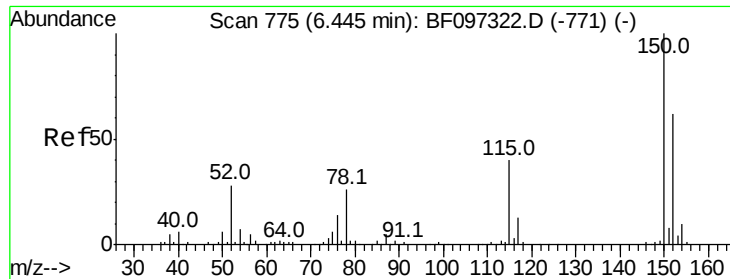
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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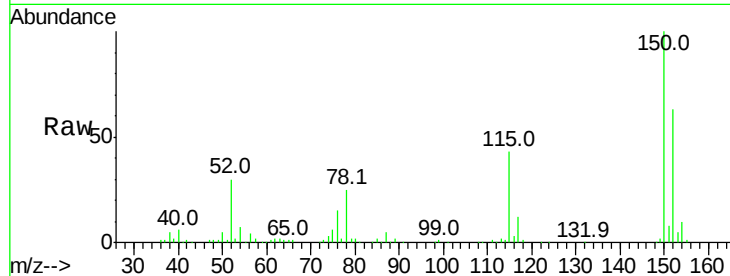


#1

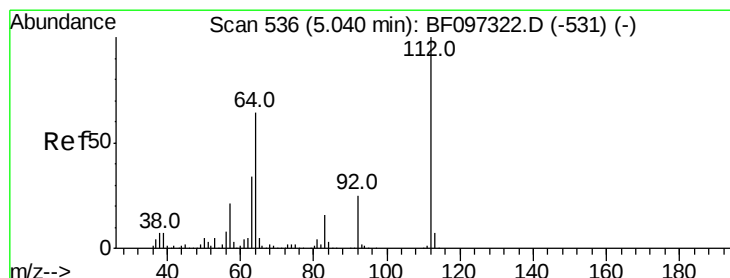
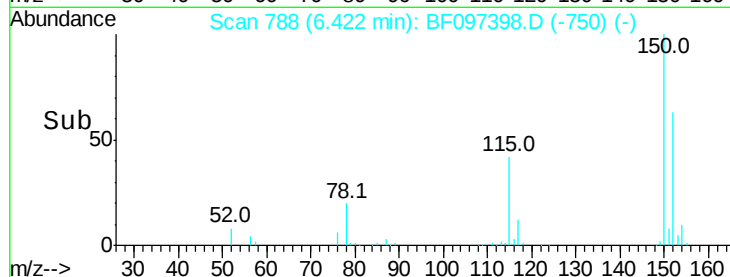
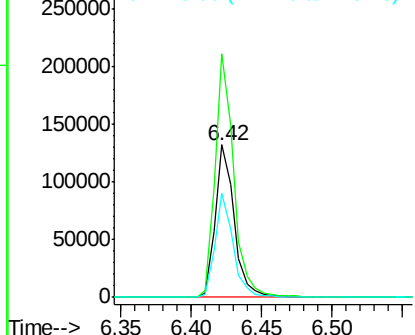
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion:152 Resp: 122835
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 68.0 52.2 78.2



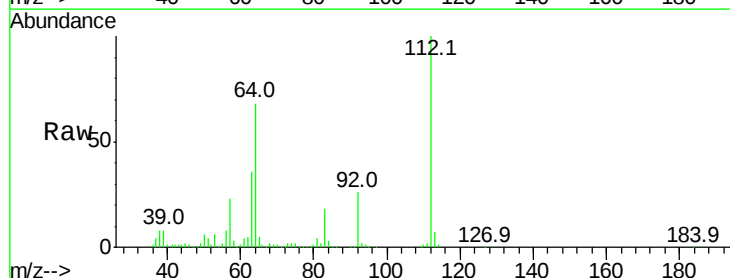
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



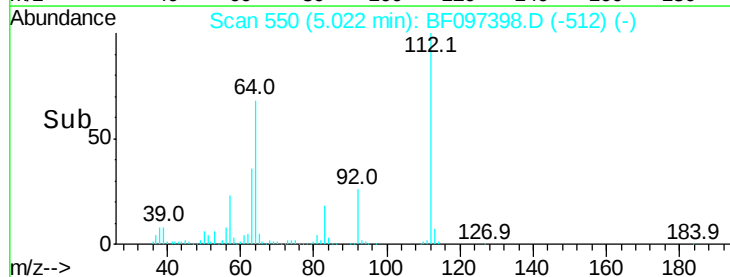
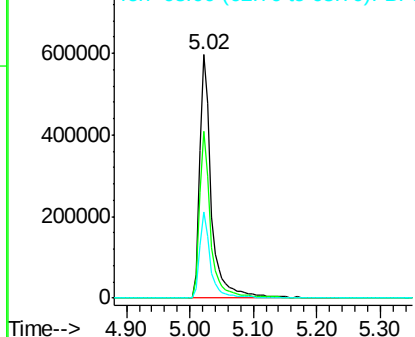
#5

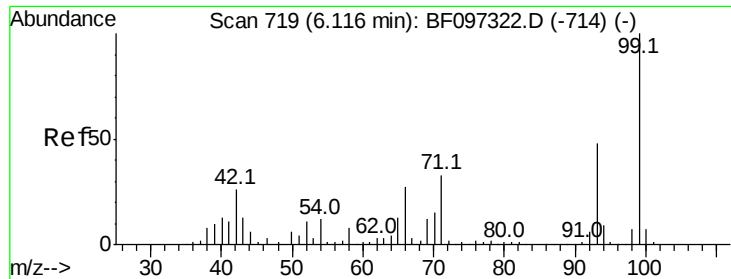
2-Fluorophenol
Concen: 92.601 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion:112 Resp: 754540
Ion Ratio Lower Upper
112 100
64 68.3 46.0 69.0
63 35.6 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: 104.281 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

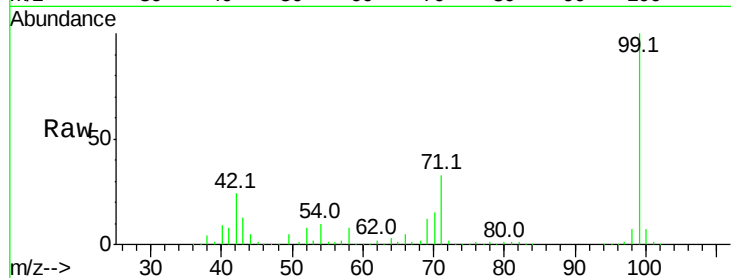
Tot Ion: 99 Resp: 970051

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

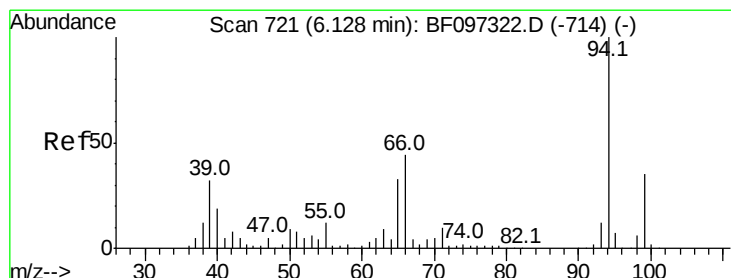
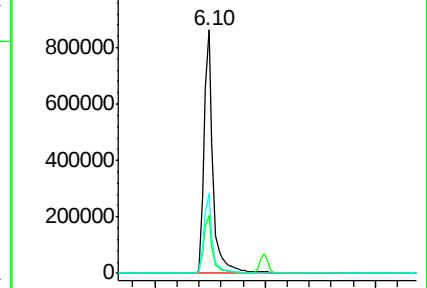
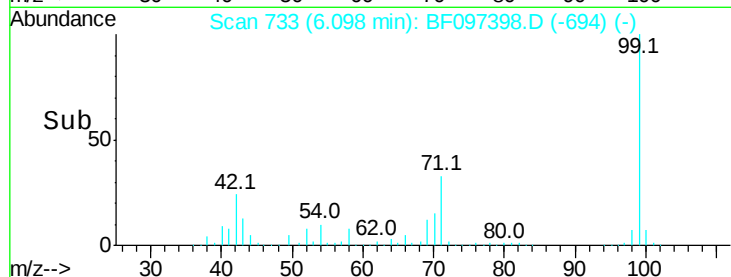
71 32.9 24.5 36.7



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: 2.473 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

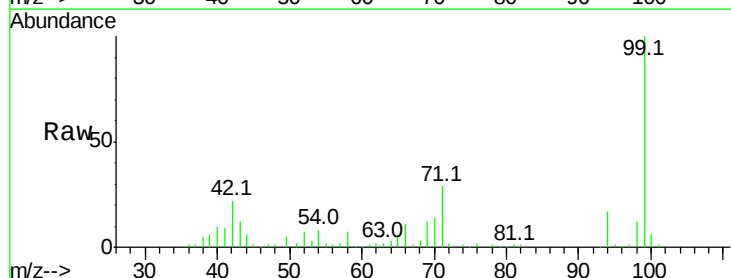
Tgt Ion: 94 Resp: 27286

Ion Ratio Lower Upper

94 100

65 34.1 9.9 49.9

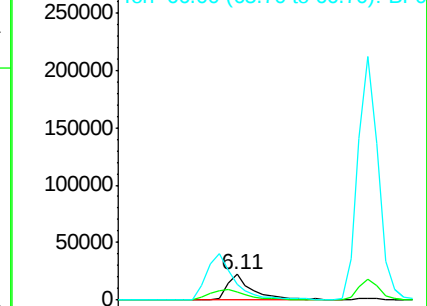
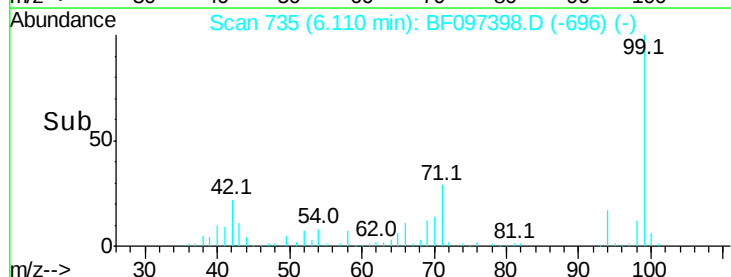
66 64.0 23.1 63.1#

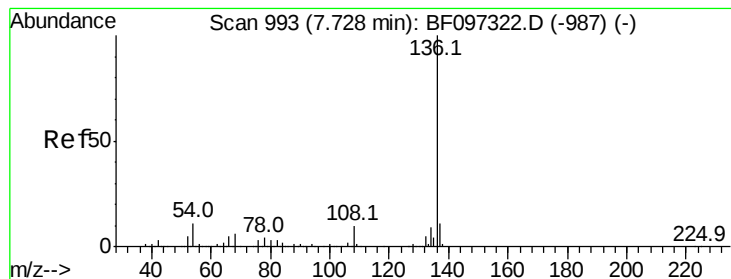


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.70 min Scan# 1006

Delta R.T. -0.08 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

Tot Ion:136 Resp: 535017

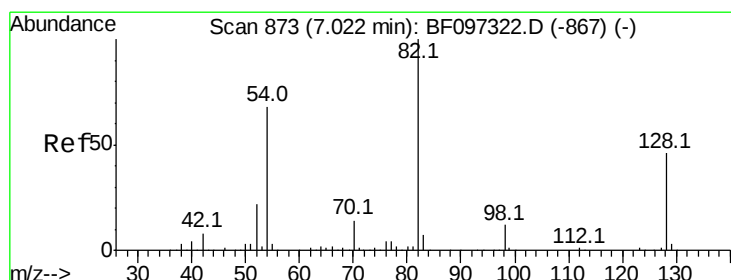
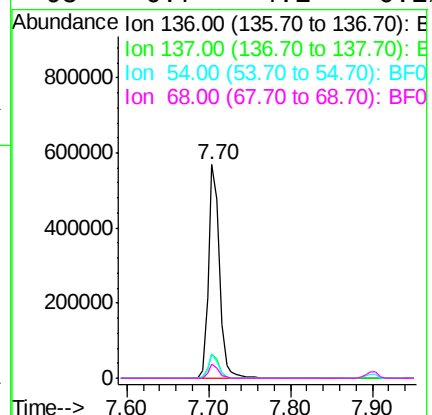
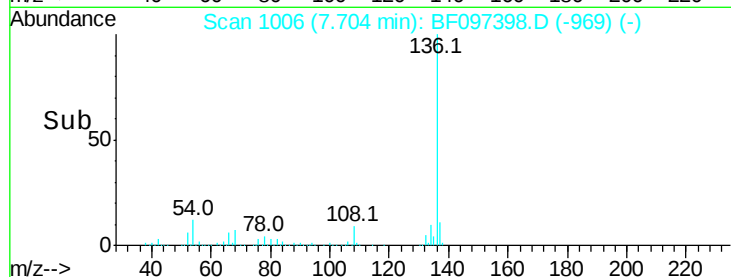
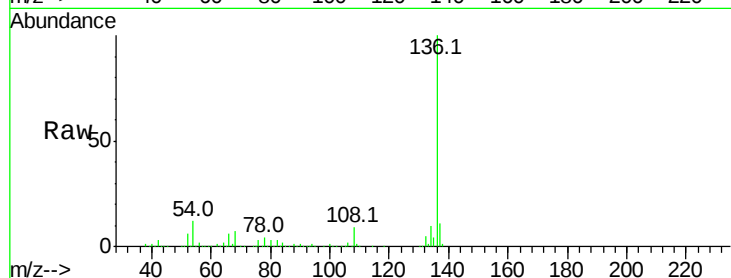
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 11.5 4.9 7.3#

68 6.7 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 54.921 ng

RT: 7.00 min Scan# 886

Delta R.T. -0.08 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

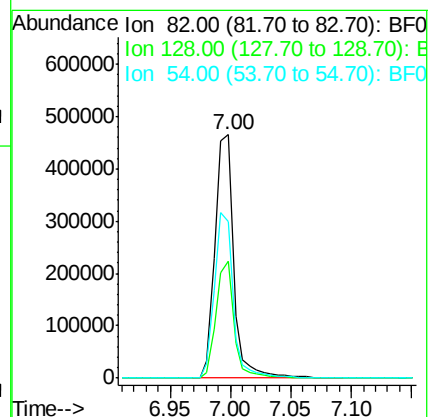
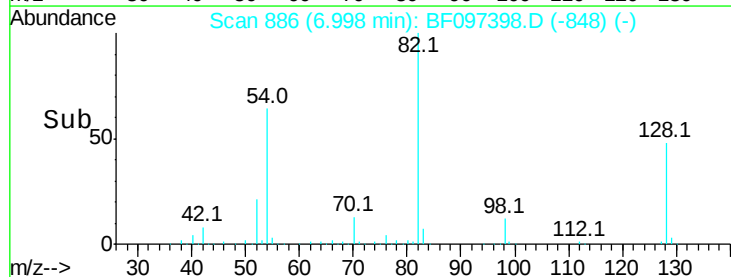
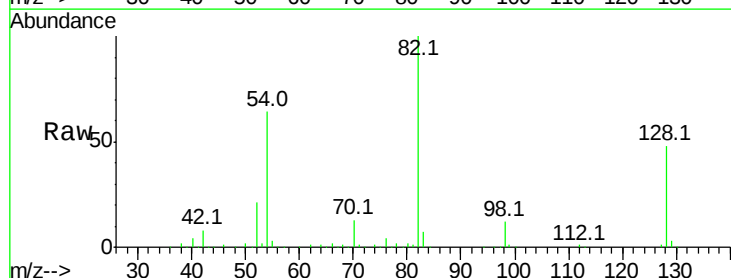
Tgt Ion: 82 Resp: 500884

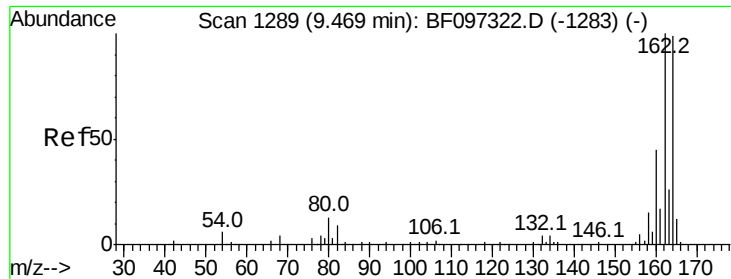
Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

54 64.2 42.2 63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

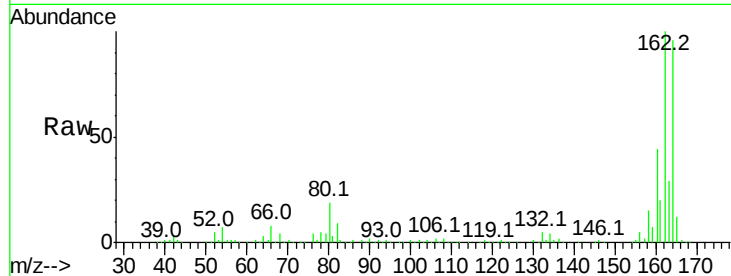
Tot Ion:164 Resp: 223070

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

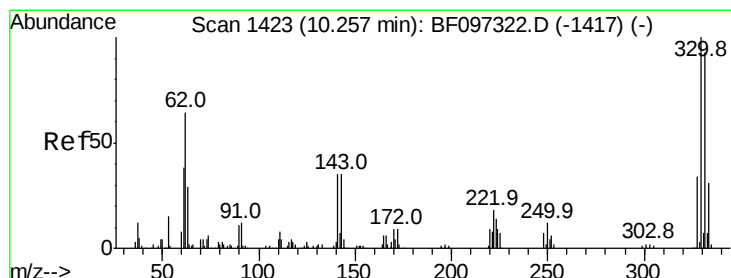
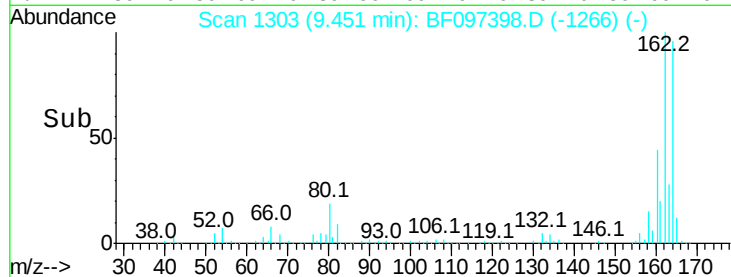
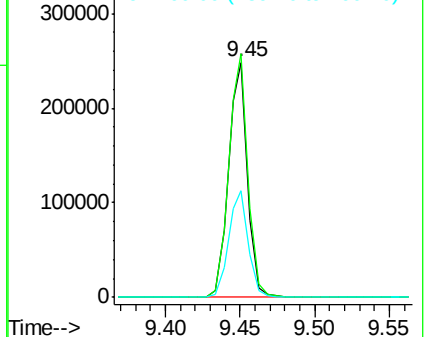
160 45.5 36.2 54.2



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: 84.218 ng

RT: 10.24 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

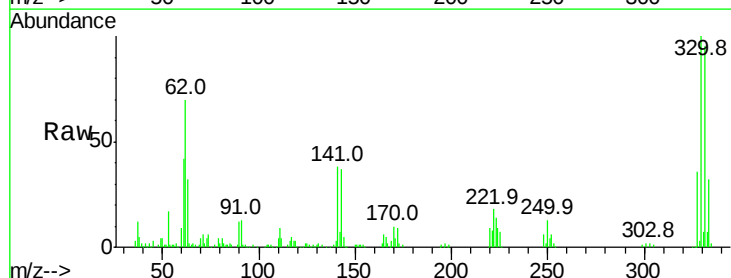
Tgt Ion:330 Resp: 148431

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

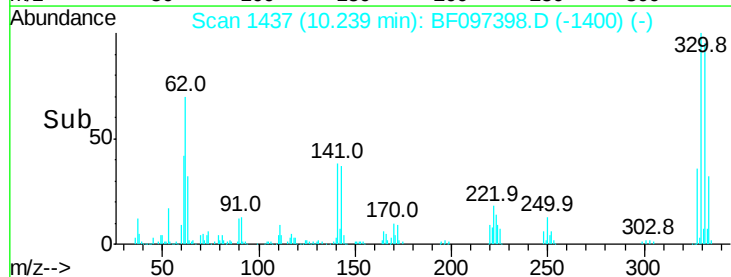
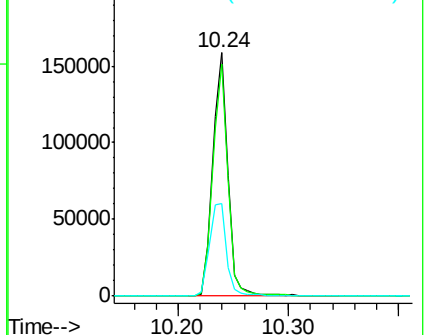
141 43.0 31.4 47.2

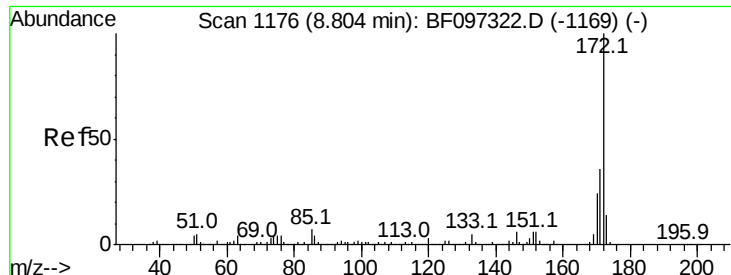


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

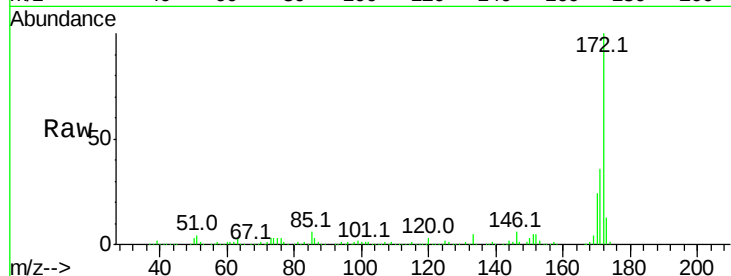




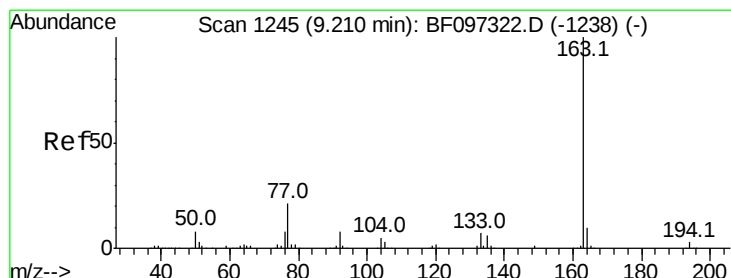
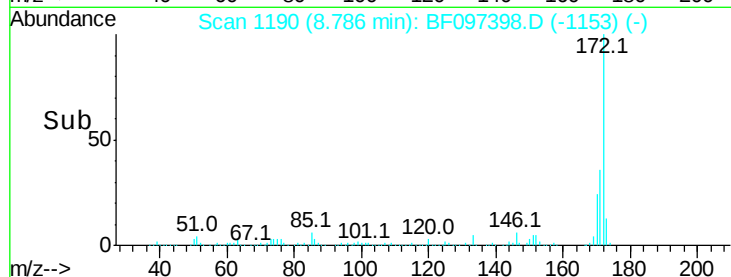
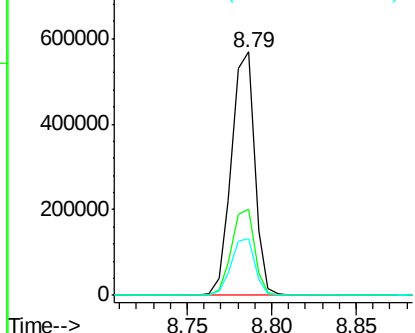
#44
2-Fluorobiphenyl
Concen: 41.341 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion:172 Resp: 543395
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.5 19.8 29.8

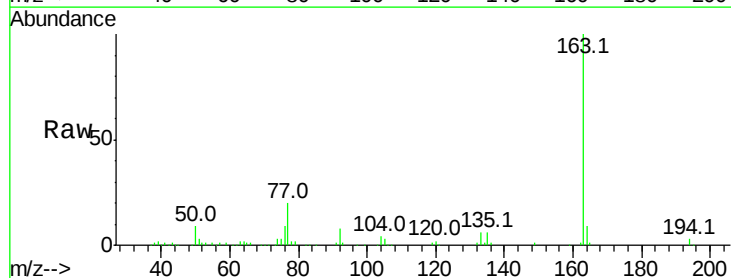


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

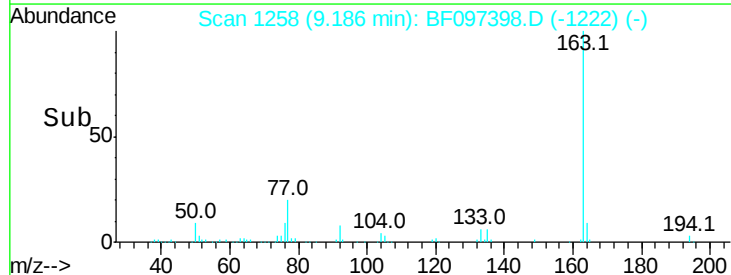
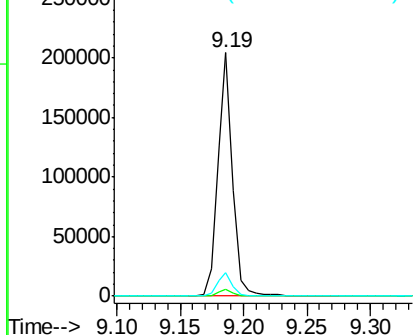


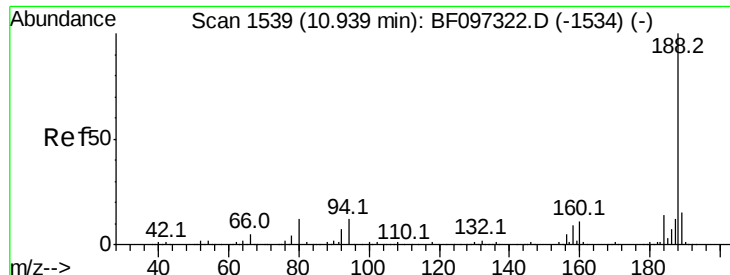
#49
Dimethylphthalate
Concen: 9.804 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion:163 Resp: 166074
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.5 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

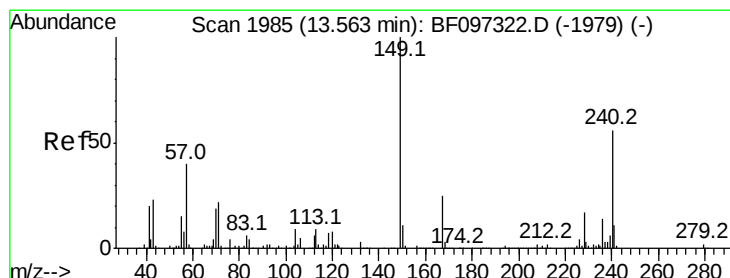
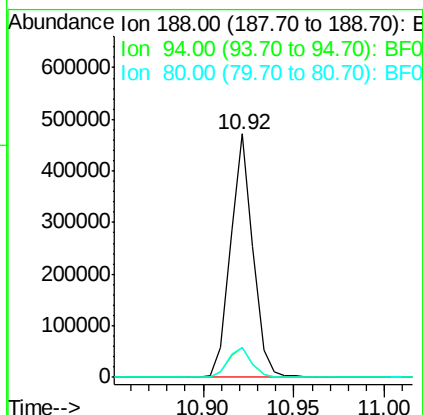
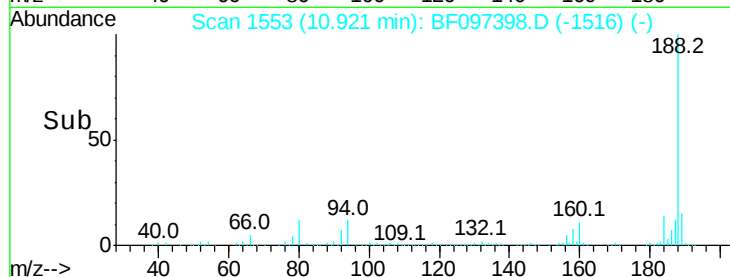
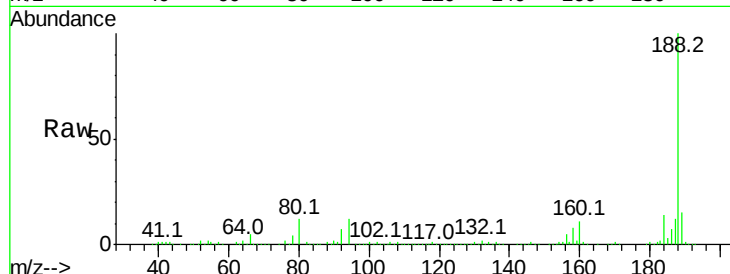




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

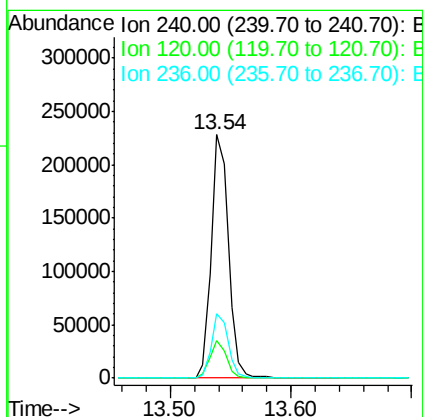
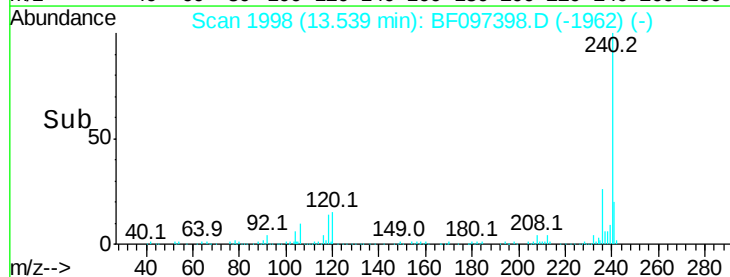
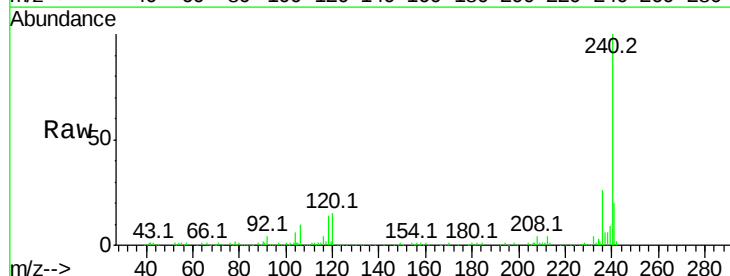
Instrument :
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15-50-RT3460-RT4215-RT3451

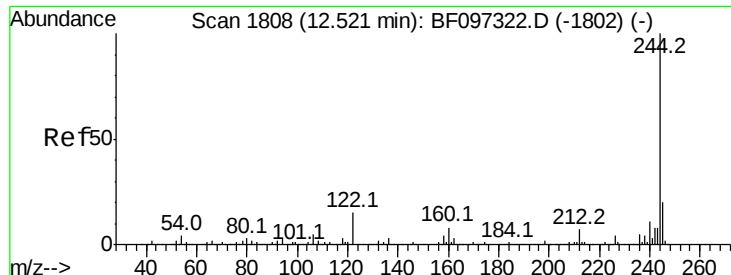
Tot Ion:188 Resp: 404217
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.54 min Scan# 1998
Delta R.T. -0.09 min
Lab File: BF097398.D
Acq: 5 Aug 2017 15:41

Tgt Ion:240 Resp: 222504
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 26.5 20.5 30.7





#78

Terphenyl-d14

Concen: 43.435 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

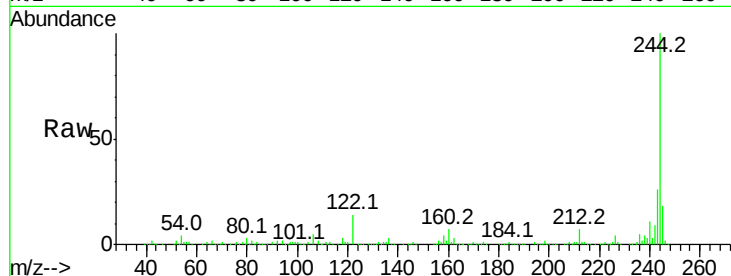
Tot Ion:244 Resp: 474018

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

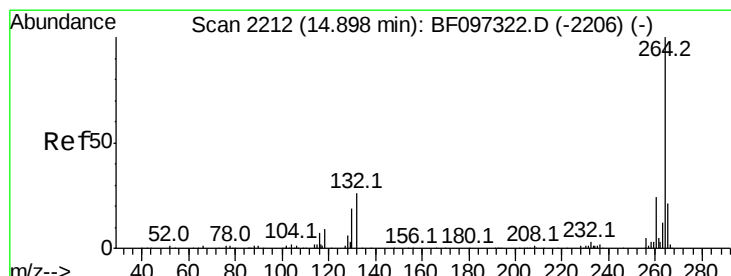
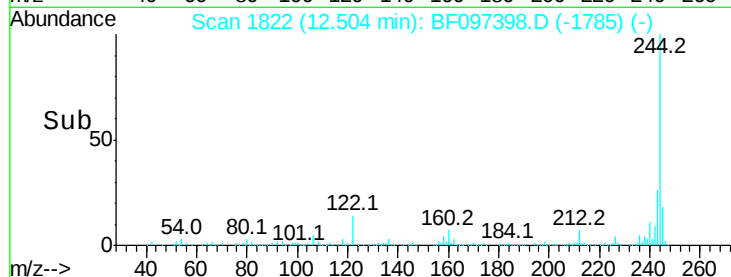
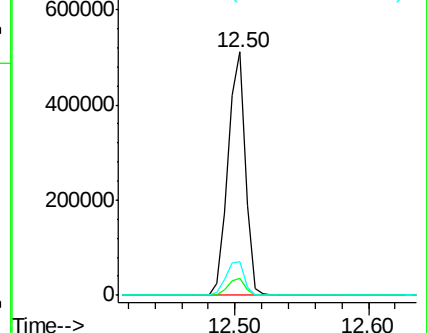
122 13.6 10.3 15.5



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: 14.88 min Scan# 2226

Delta R.T. -0.09 min

Lab File: BF097398.D

Acq: 5 Aug 2017 15:41

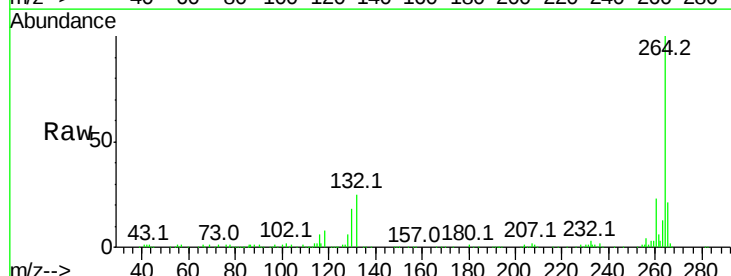
Tgt Ion:264 Resp: 205566

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.3 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

