

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097711.D
 Acq On : 16 Aug 2017 00:44
 Operator : SJ/JU
 Sample : I4760-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Quant Time: Aug 16 05:32:57 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

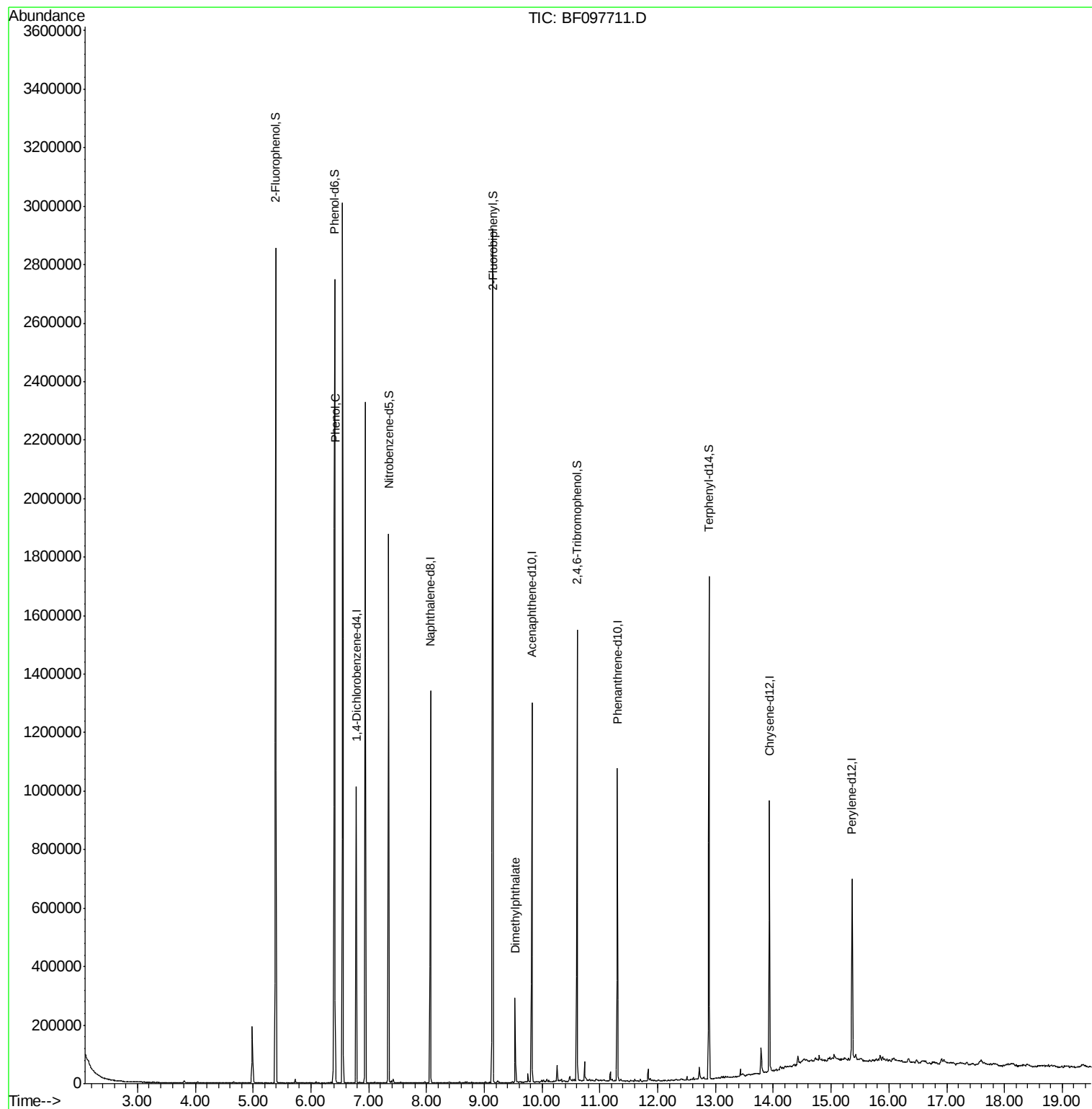
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144473	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	559547	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	230239	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	375530	20.00	ng	0.00
75) Chrysene-d12	13.93	240	277373	20.00	ng	0.00
86) Perylene-d12	15.36	264	269154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	778434	81.96	ng	0.00
7) Phenol-d6	6.41	99	1058763	82.04	ng	0.00
23) Nitrobenzene-d5	7.35	82	625893	60.77	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	148784	74.48	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	822295	52.47	ng	0.00
78) Terphenyl-d14	12.89	244	488263	36.71	ng	0.00
Target Compounds						
10) Phenol	6.42	94	34787	2.305	ng	93
49) Dimethylphthalate	9.54	163	103099	6.126	ng	98

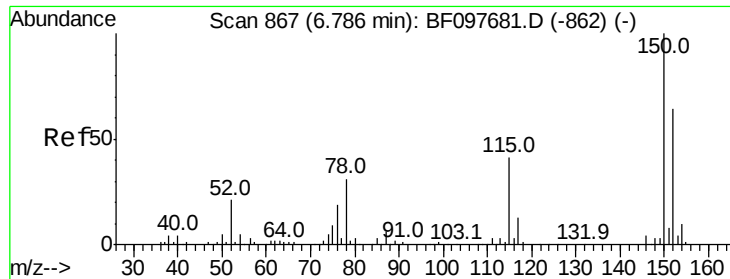
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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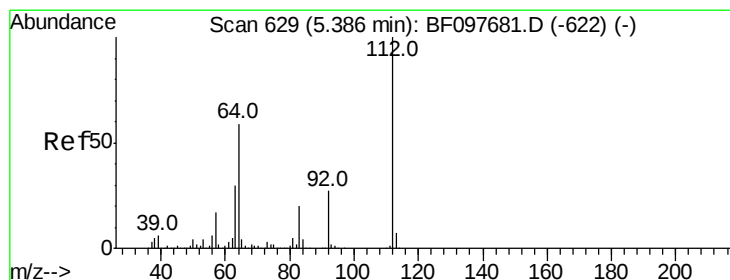
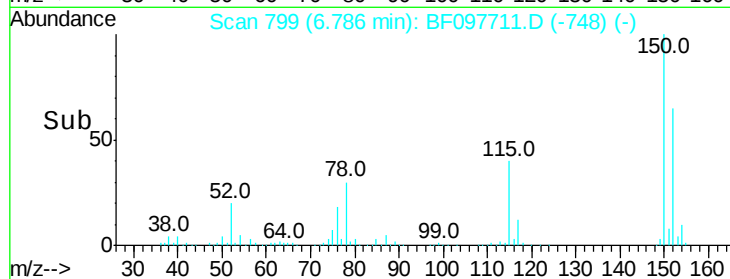
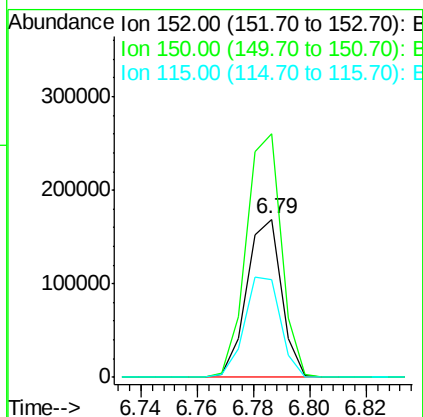
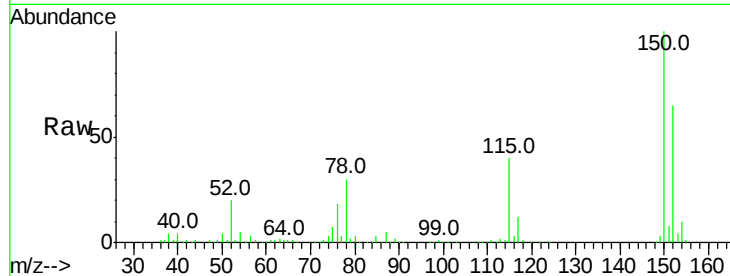


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

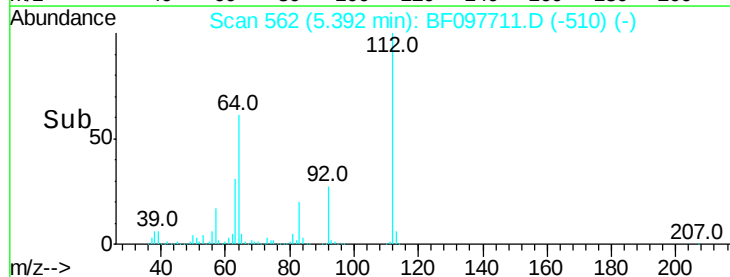
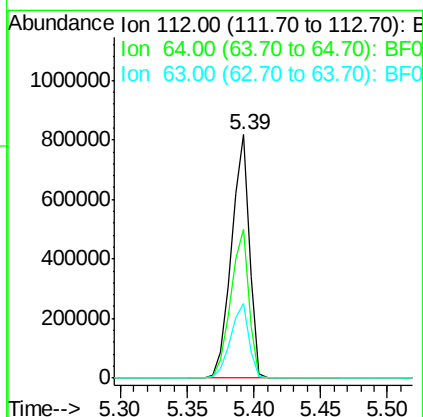
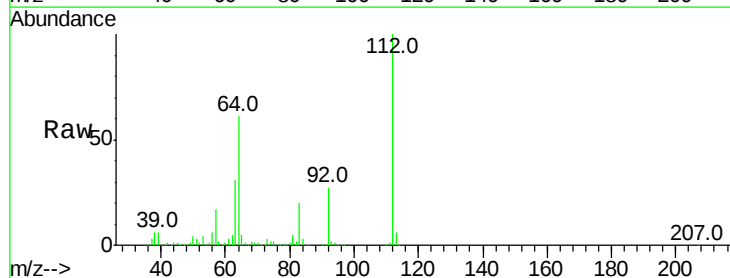
Tot Ion:152 Resp: 144473
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 61.7 52.2 78.2

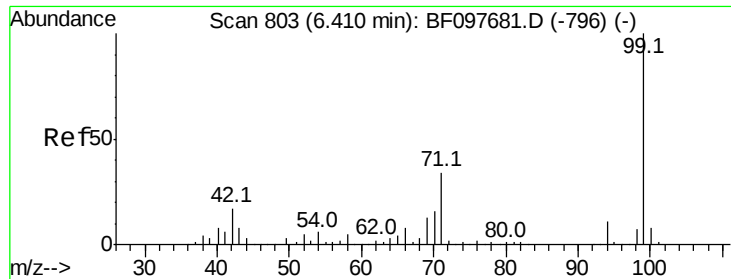


#5

2-Fluorophenol
Concen: 81.957 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097711.D
Acq: 16 Aug 2017 00:44

Tgt Ion:112 Resp: 778434
Ion Ratio Lower Upper
112 100
64 61.0 46.0 69.0
63 30.8 23.4 35.0





#7

Phenol-d6

Concen: 82.042 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

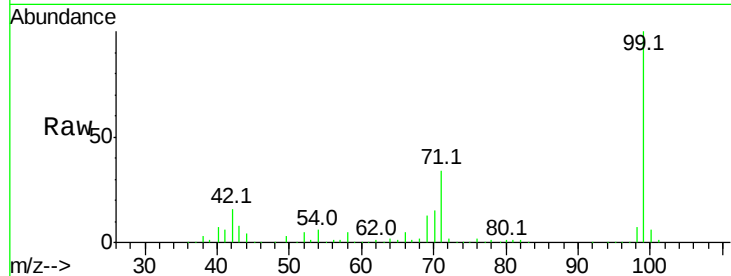
Tot Ion: 99 Resp: 1058763

Ion Ratio Lower Upper

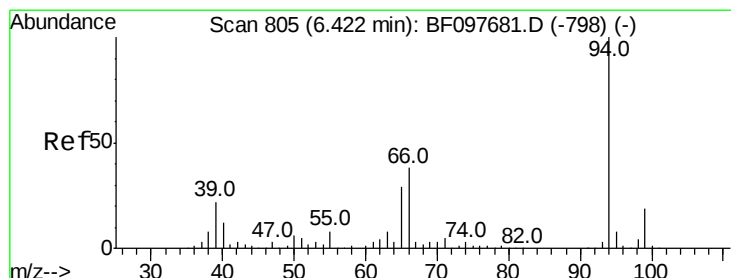
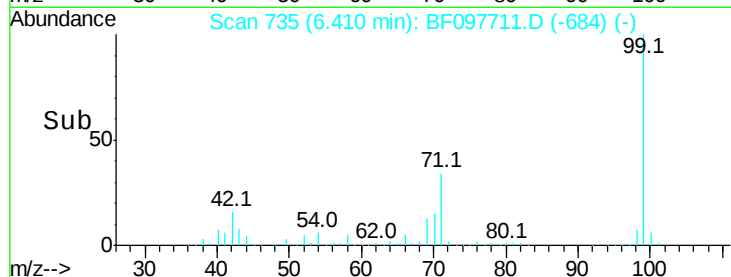
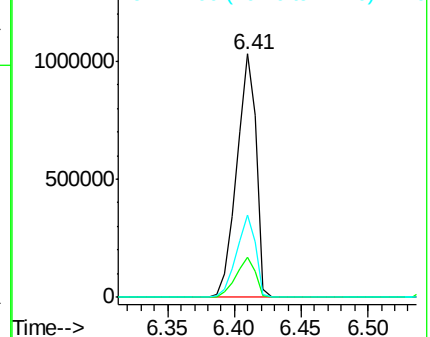
99 100

42 16.2 13.5 20.3

71 33.9 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: 2.305 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

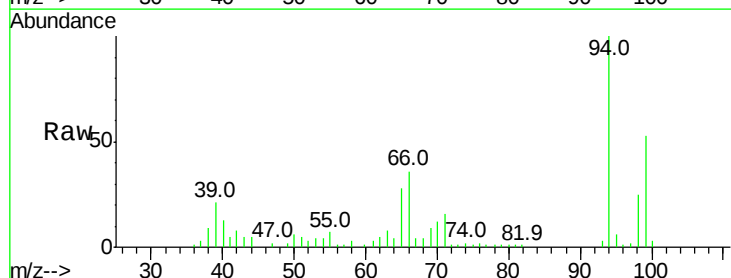
Tgt Ion: 94 Resp: 34787

Ion Ratio Lower Upper

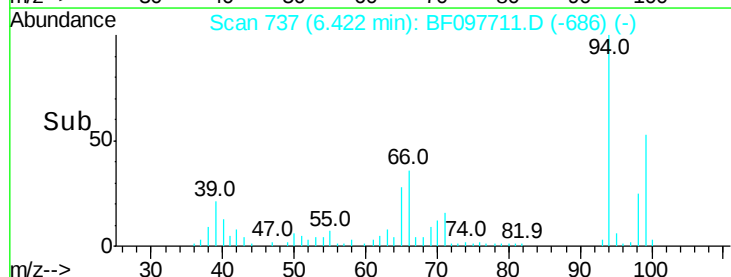
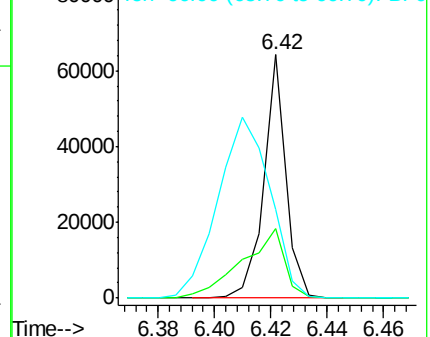
94 100

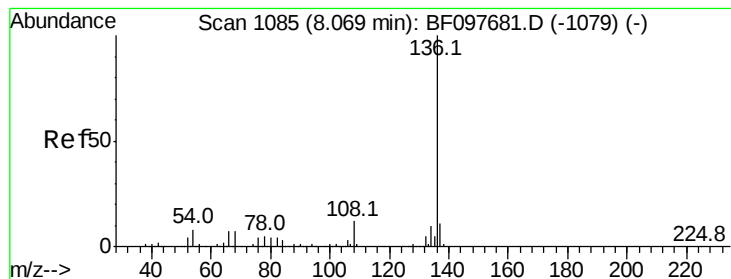
65 28.4 9.9 49.9

66 36.3 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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

Tot Ion:136 Resp: 559547

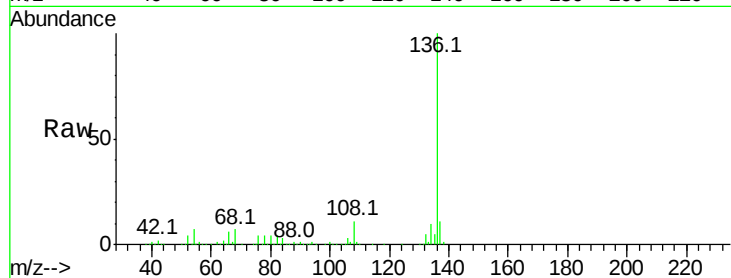
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 6.9 4.1 6.1#

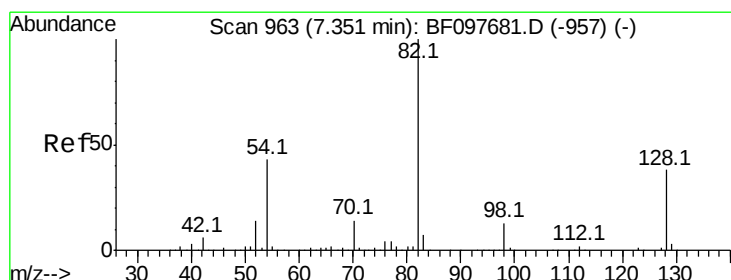
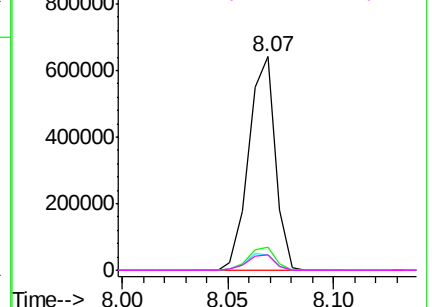
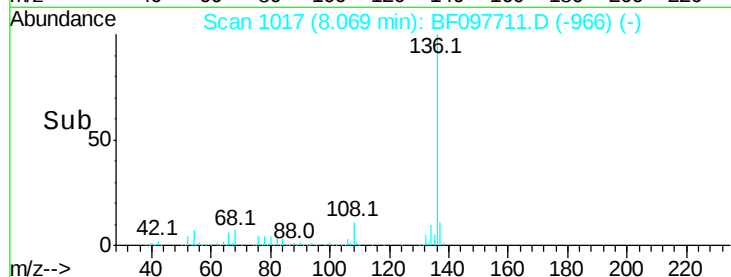


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.766 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

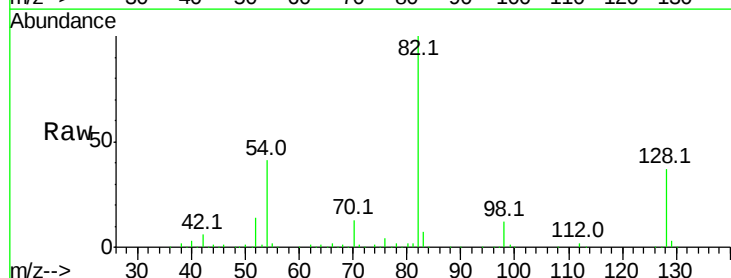
Tgt Ion: 82 Resp: 625893

Ion Ratio Lower Upper

82 100

128 36.7 34.0 51.0

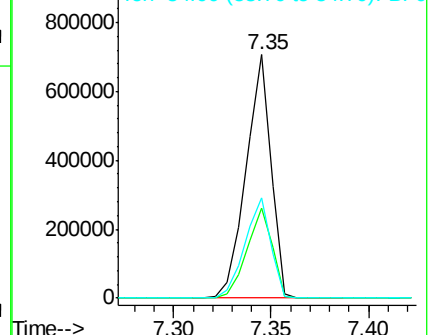
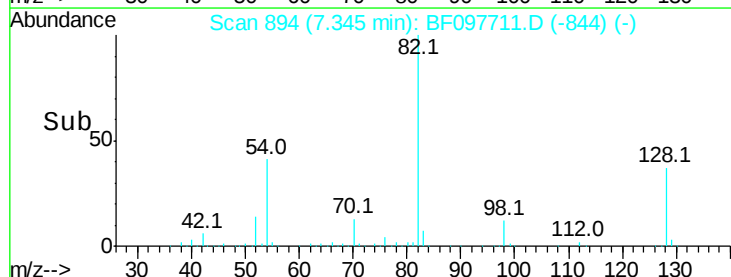
54 41.0 42.2 63.2#

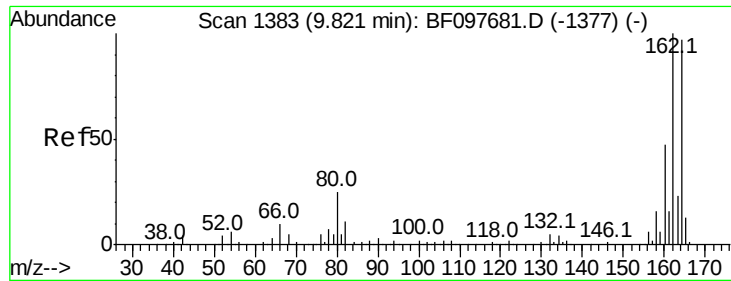


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

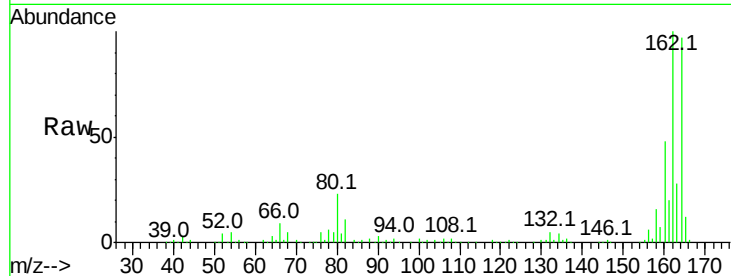




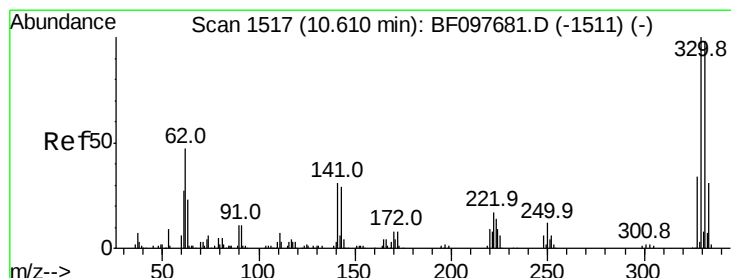
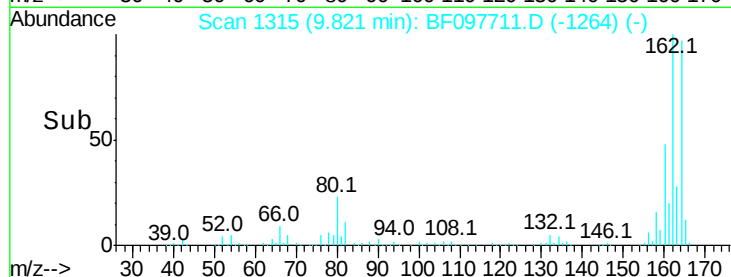
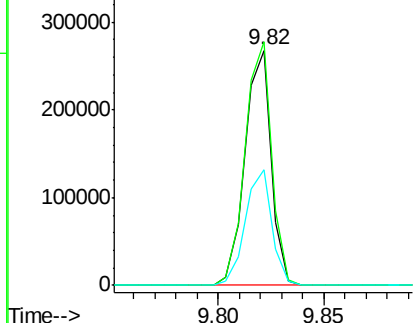
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:164 Resp: 230239
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 49.3 36.2 54.2

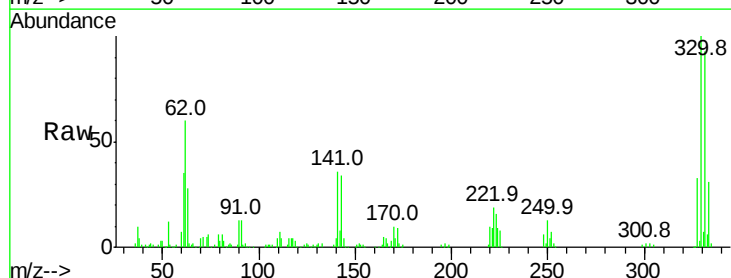


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

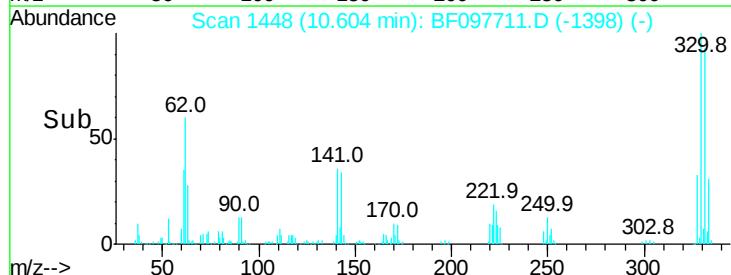
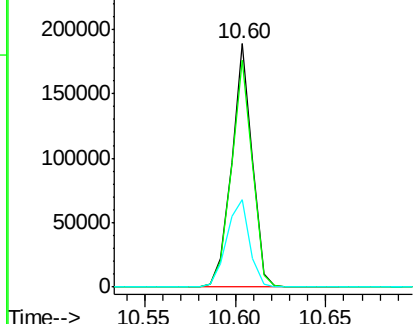


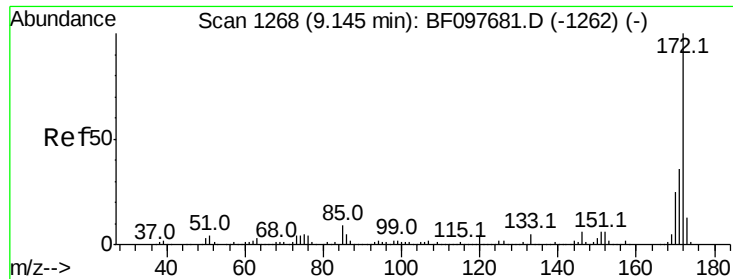
#41
 2,4,6-Tribromophenol
 Concen: 74.478 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion:330 Resp: 148784
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 40.0 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



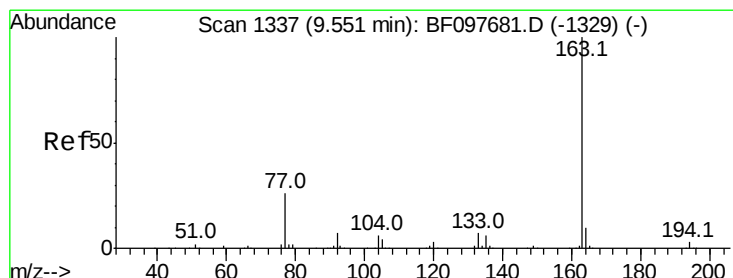
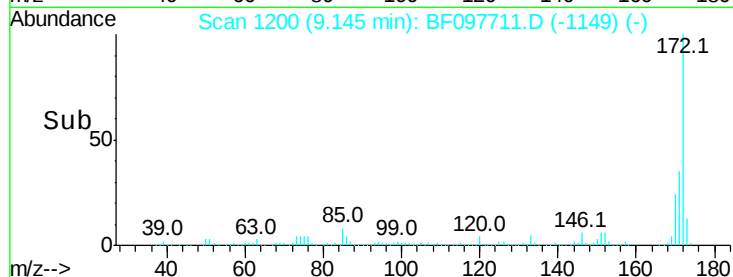
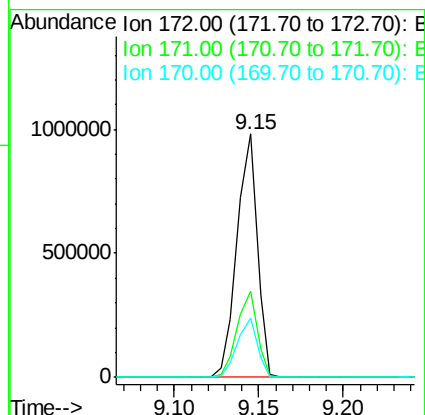
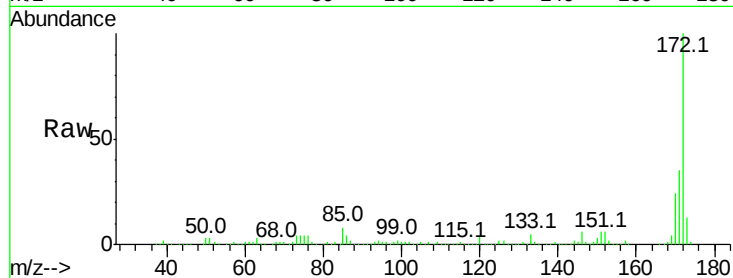


#44
 2-Fluorobiphenyl
 Concen: 52.472 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Tot Ion:172 Resp: 822295

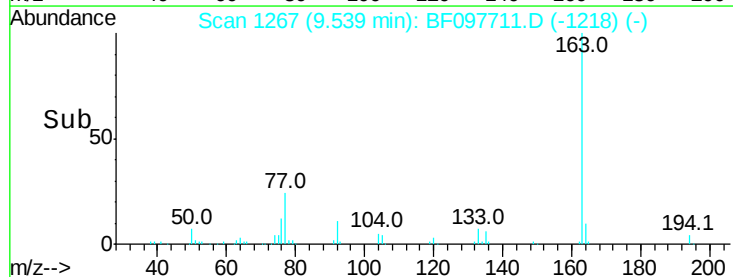
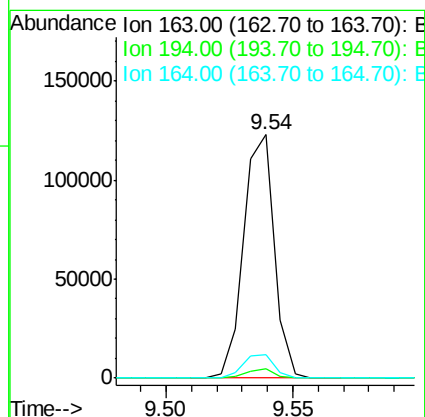
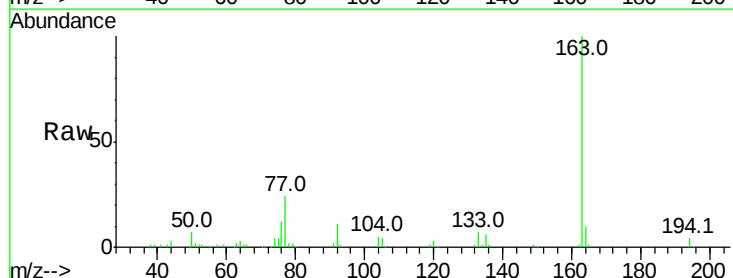
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.4	19.8	29.8

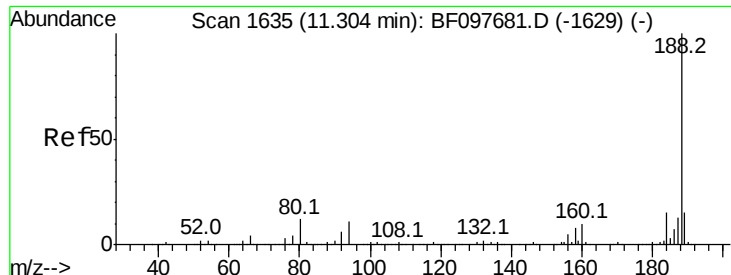


#49
 Dimethylphthalate
 Concen: 6.126 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097711.D
 Acq: 16 Aug 2017 00:44

Tgt Ion:163 Resp: 103099

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.7	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

BNA_F

ClientSampleId :

SP-1-COMP

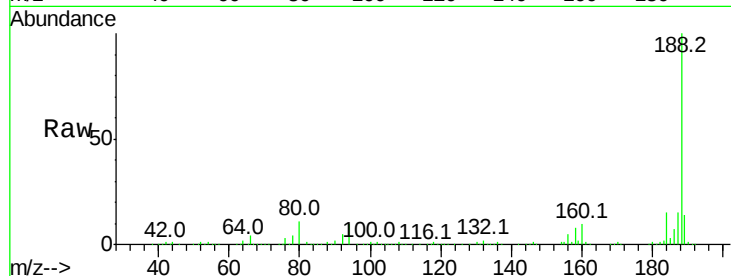
Tot Ion:188 Resp: 375530

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

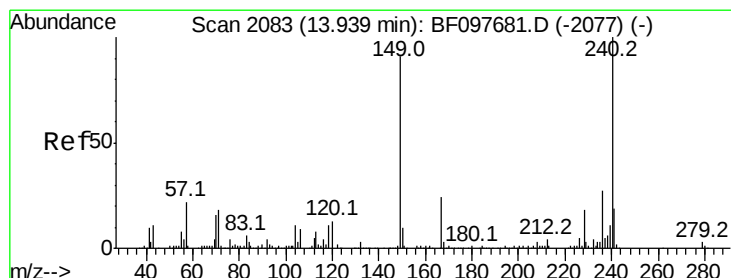
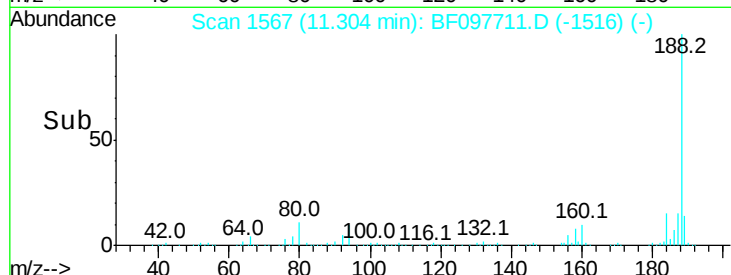
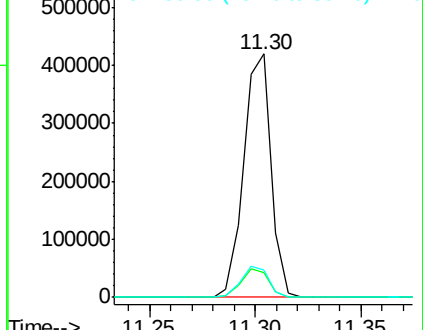
80 11.2 10.2 15.2



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: BF097711.D

Acq: 16 Aug 2017 00:44

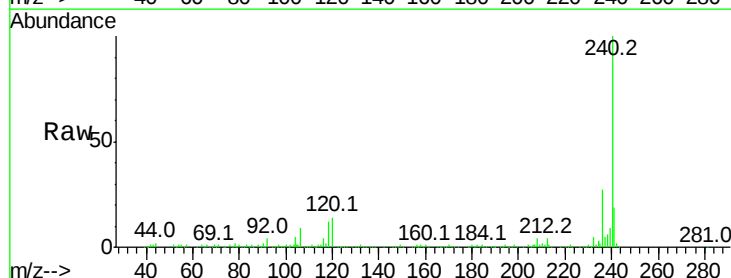
Tgt Ion:240 Resp: 277373

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

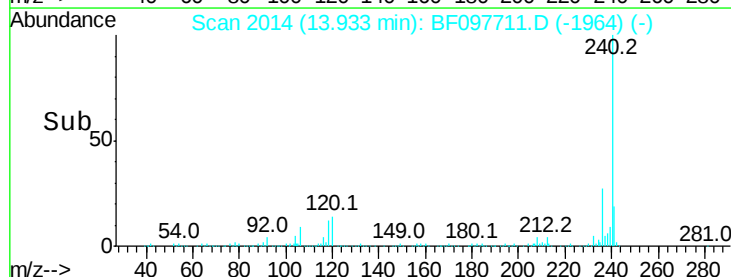
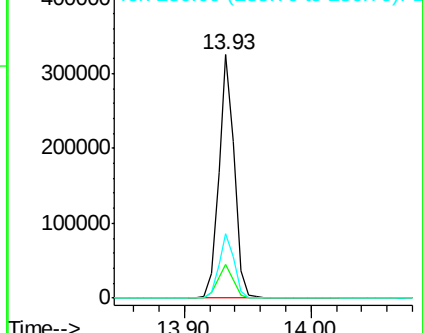
236 26.6 20.5 30.7

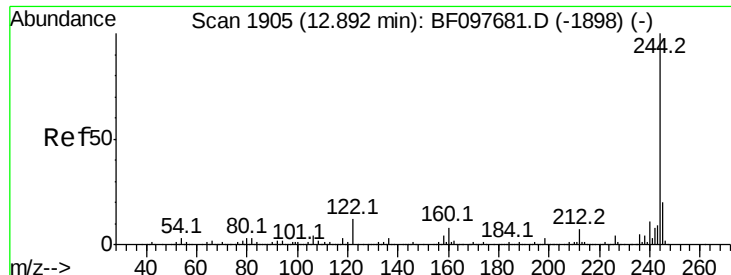


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 36.708 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

Instrument :

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ClientSampleId :

SP-1-COMP

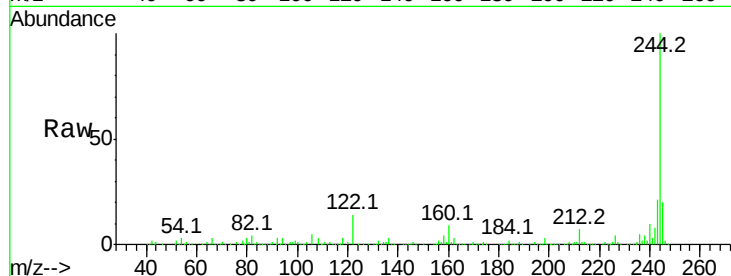
Tot Ion:244 Resp: 488263

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

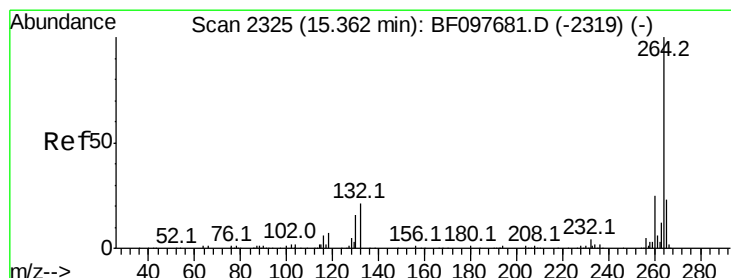
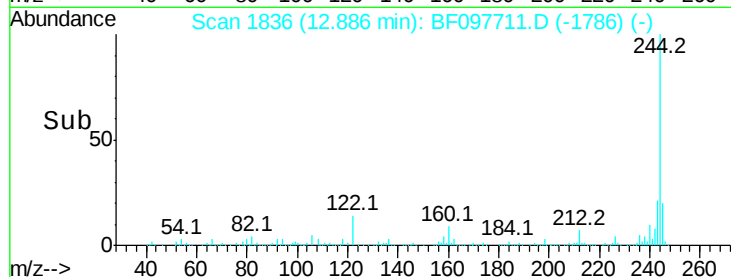
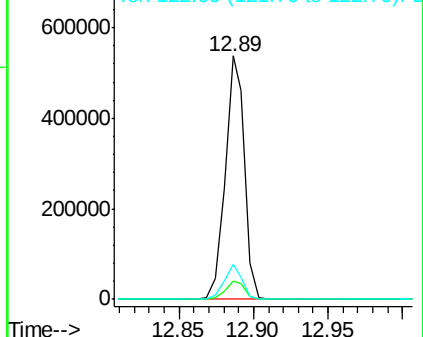
122 14.4 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097711.D

Acq: 16 Aug 2017 00:44

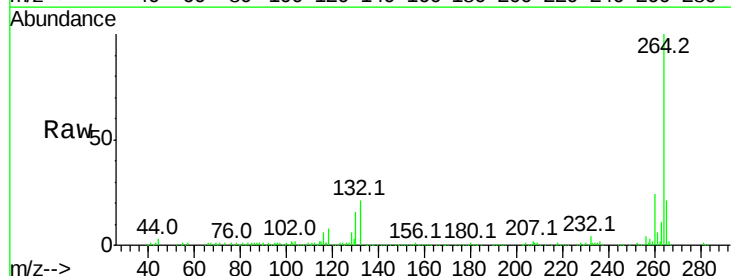
Tgt Ion:264 Resp: 269154

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.9 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

