

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097647.D
 Acq On : 12 Aug 2017 22:01
 Operator : SJ/JU
 Sample : I4631-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Quant Time: Aug 14 07:04:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

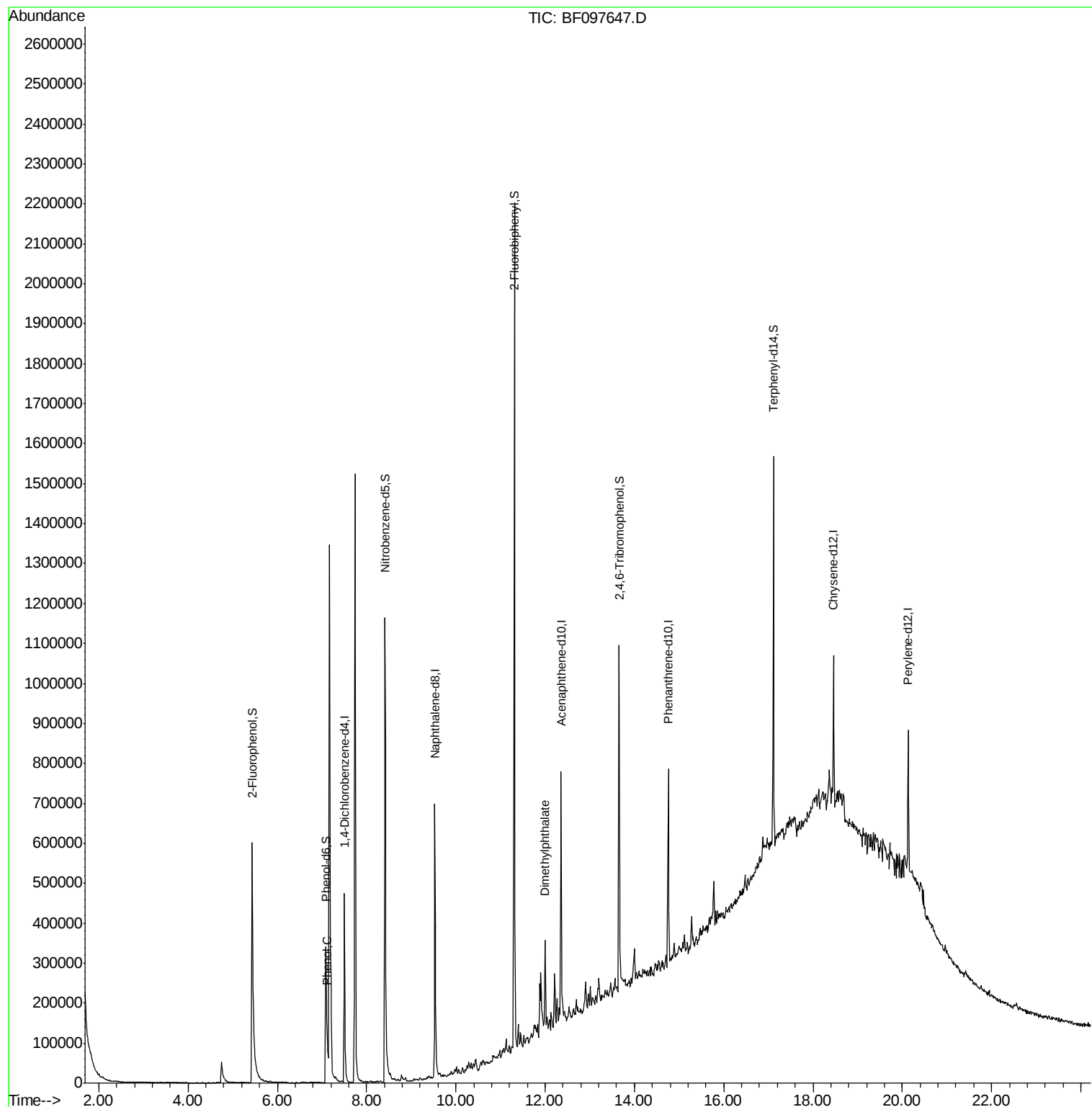
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107930	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	470880	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	176291	20.00	ng	-0.02
63) Phenanthrene-d10	14.76	188	234295	20.00	ng	0.00
75) Chrysene-d12	18.46	240	168456	20.00	ng	0.00
86) Perylene-d12	20.13	264	159874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	401016	59.06	ng	0.03
7) Phenol-d6	7.09	99	262593	31.17	ng	0.03
23) Nitrobenzene-d5	8.42	82	551276	73.41	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	136518	101.87	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	961037	82.27	ng	-0.01
78) Terphenyl-d14	17.12	244	426148	52.36	ng	0.00
Target Compounds						
10) Phenol	7.12	94	20143	2.184	ng	80
49) Dimethylphthalate	12.00	163	120957	8.903	ng	98

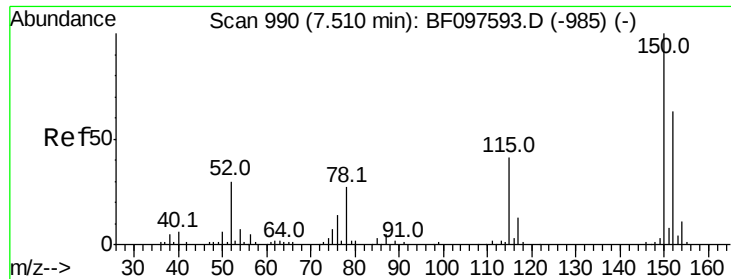
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097647.D
Acq On : 12 Aug 2017 22:01
Operator : SJ/JU
Sample : I4631-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-4-11

Quant Time: Aug 14 07:04:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



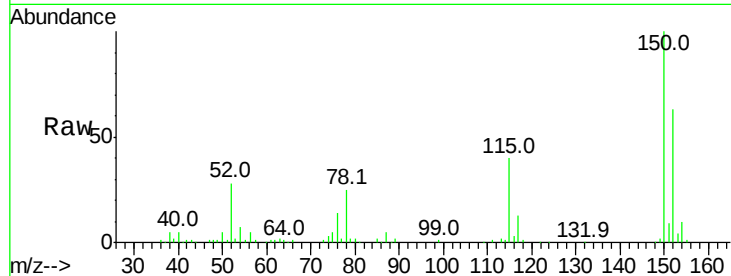


#1

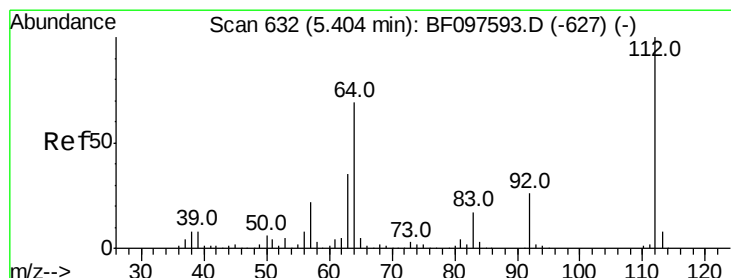
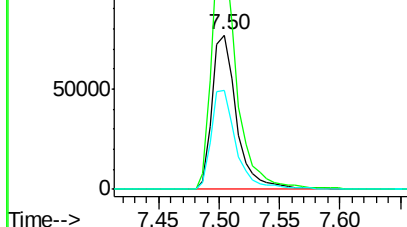
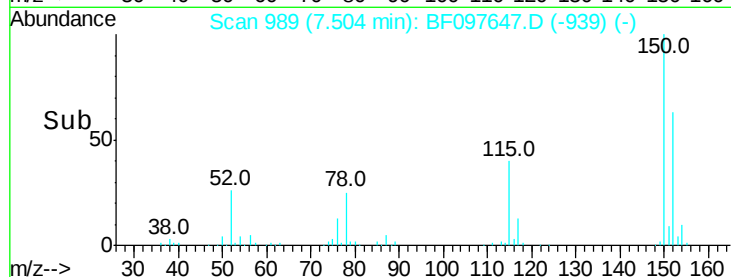
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :
 VE-4-11

Tot Ion:152 Resp: 107930
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 63.9 52.2 78.2



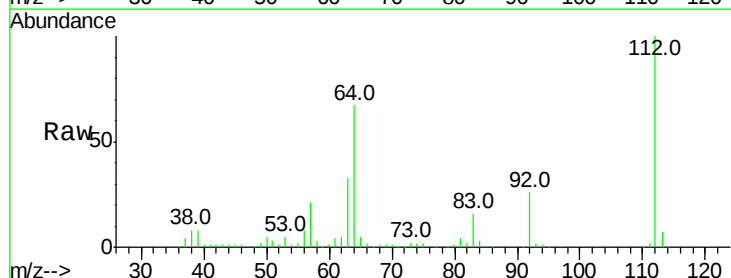
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



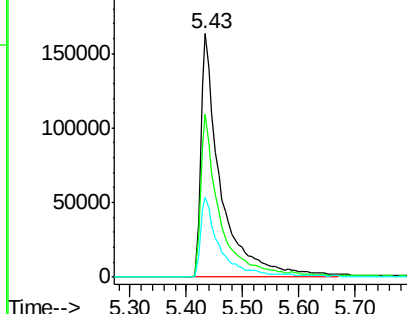
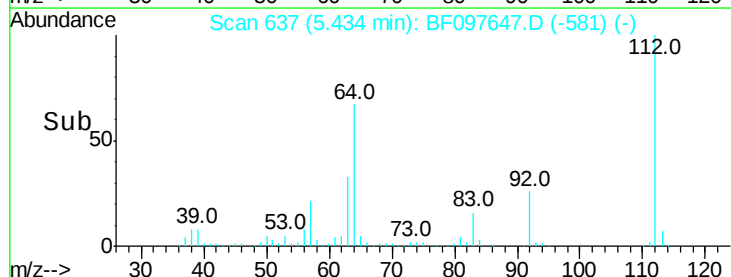
#5

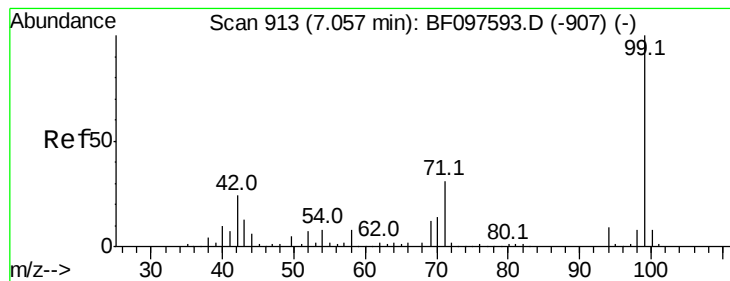
2-Fluorophenol
 Concen: 59.058 ng
 RT: 5.43 min Scan# 637
 Delta R.T. 0.03 min
 Lab File: BF097647.D
 Acq: 12 Aug 2017 22:01

Tgt Ion:112 Resp: 401016
 Ion Ratio Lower Upper
 112 100
 64 67.2 46.0 69.0
 63 32.8 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: 31.175 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

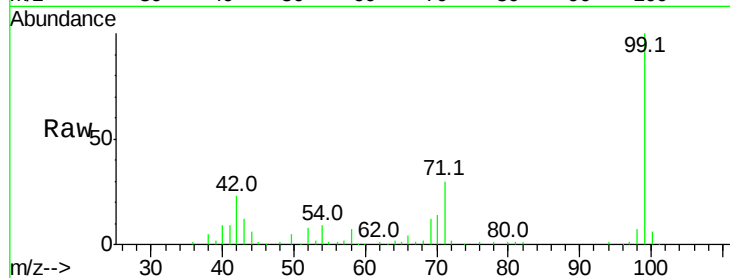
Tot Ion: 99 Resp: 262593

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

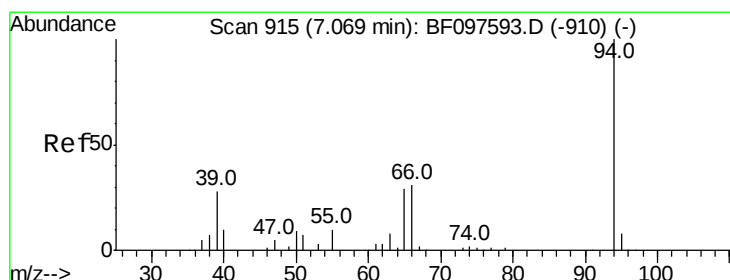
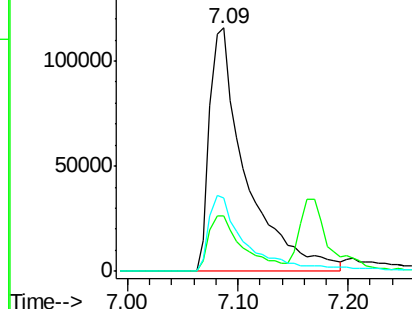
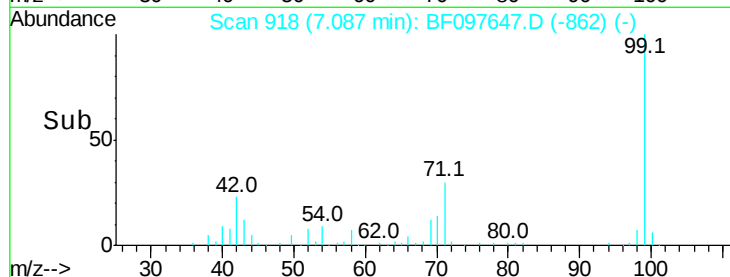
71 30.2 24.5 36.7



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: 2.184 ng

RT: 7.12 min Scan# 923

Delta R.T. 0.05 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

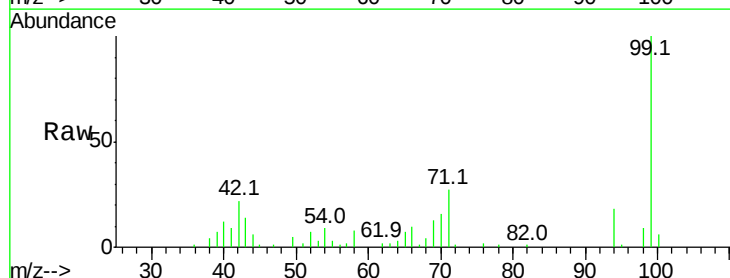
Tgt Ion: 94 Resp: 20143

Ion Ratio Lower Upper

94 100

65 40.1 9.9 49.9

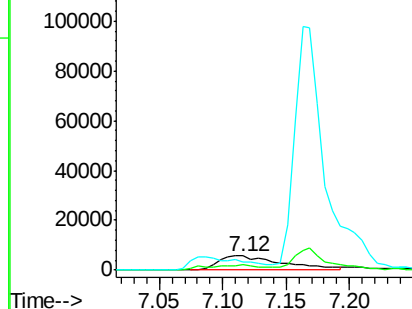
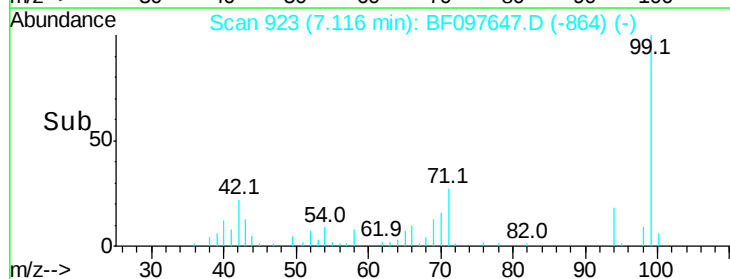
66 56.3 23.1 63.1

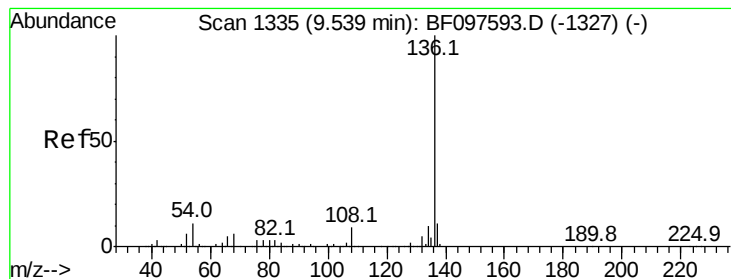


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

Tot Ion:136 Resp: 470880

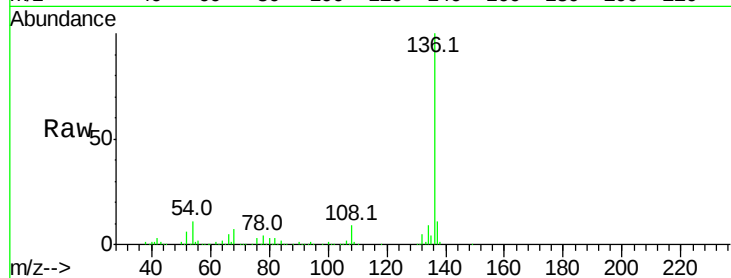
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.2 4.9 7.3#

68 6.5 4.1 6.1#

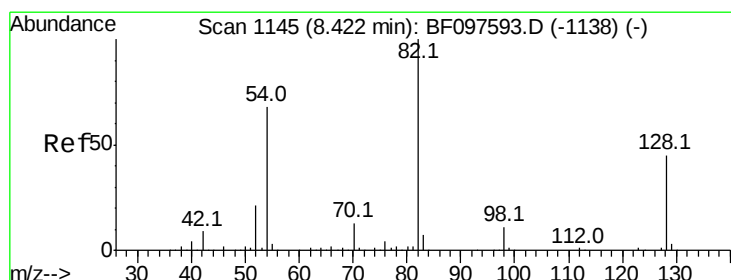
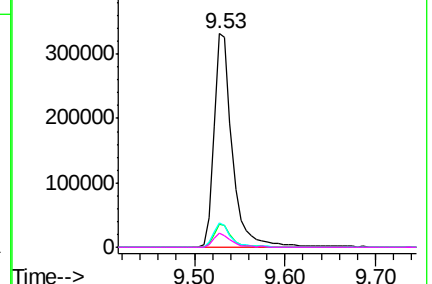
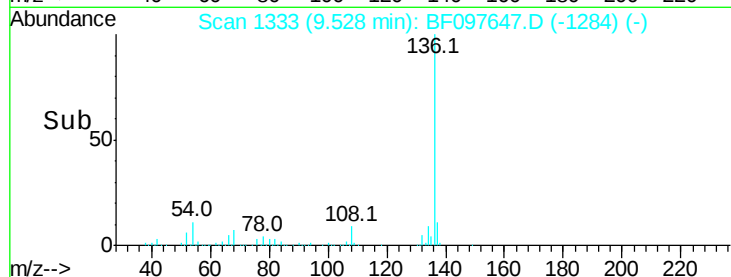


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.411 ng

RT: 8.42 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

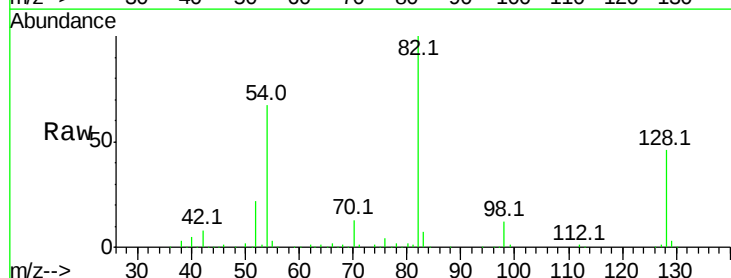
Tgt Ion: 82 Resp: 551276

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

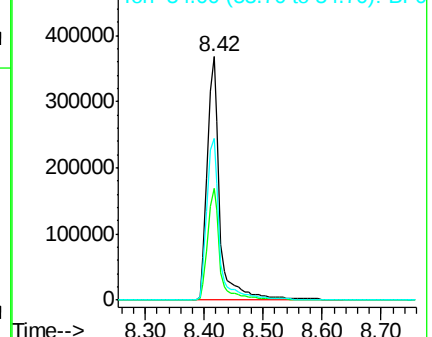
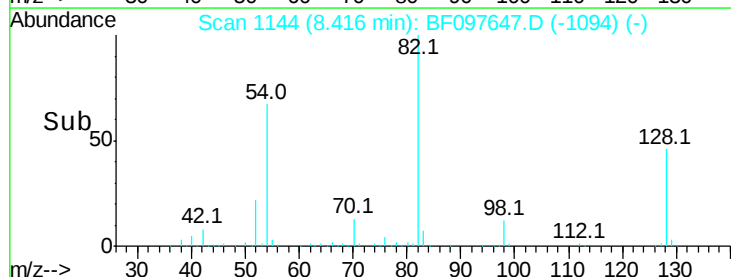
54 66.7 42.2 63.2#

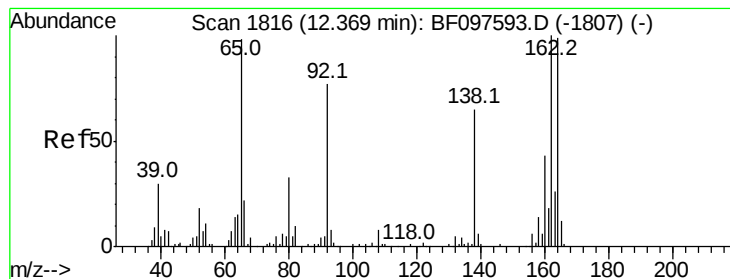


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.35 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

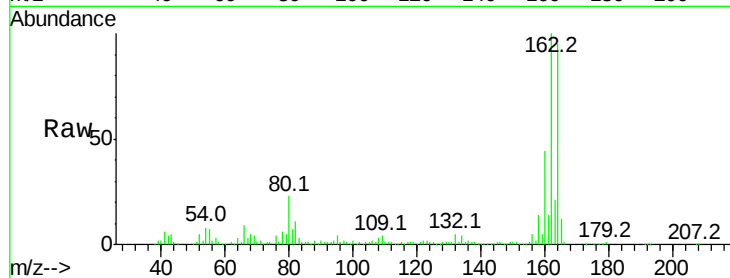
Tot Ion:164 Resp: 176291

Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

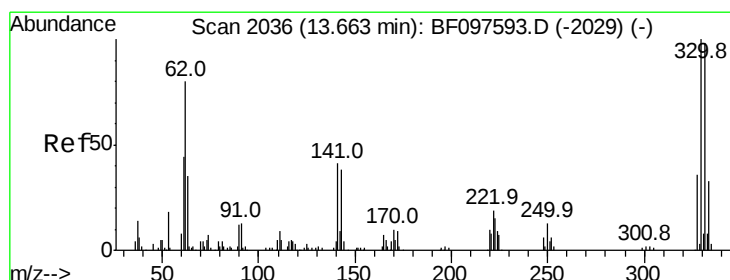
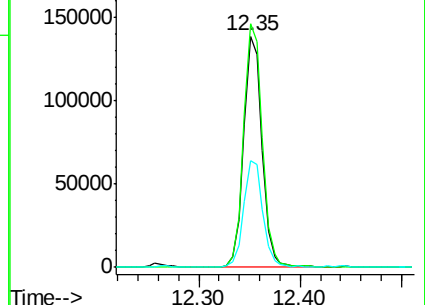
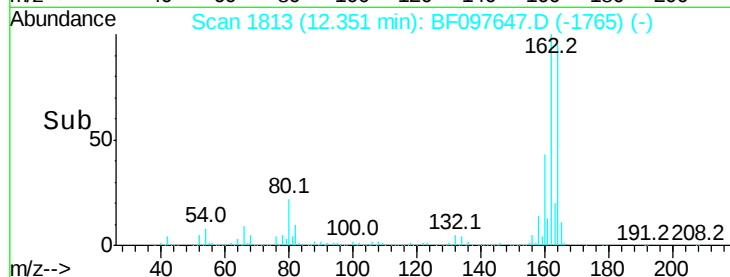
160 46.1 36.2 54.2



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: 101.869 ng

RT: 13.66 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

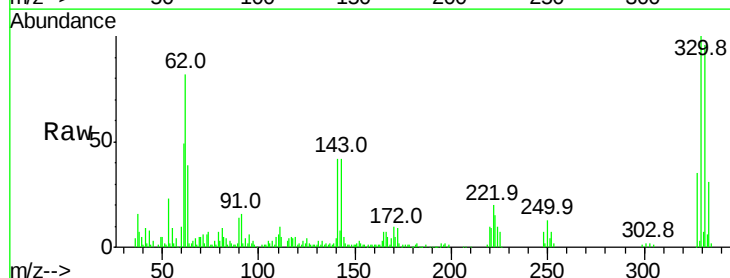
Tgt Ion:330 Resp: 136518

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

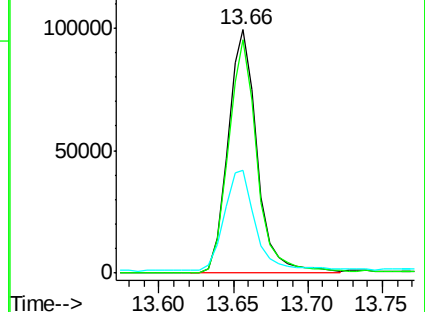
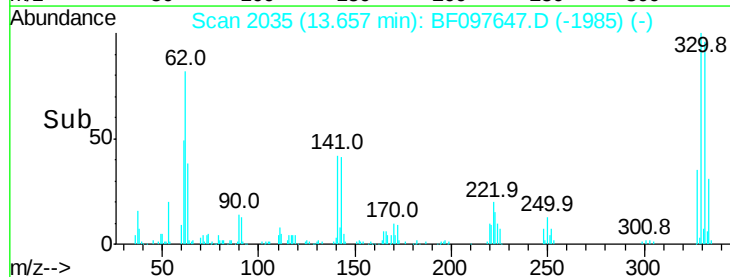
141 43.8 31.4 47.2

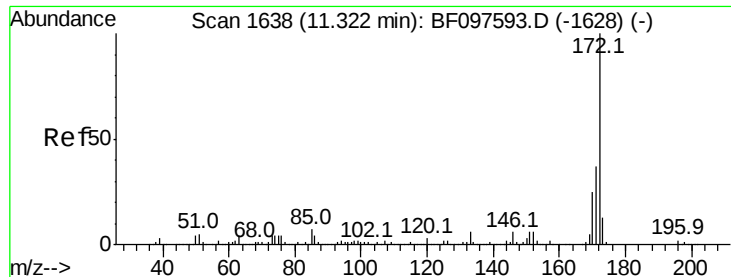


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

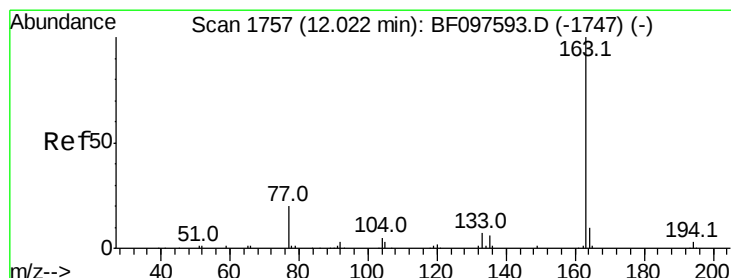
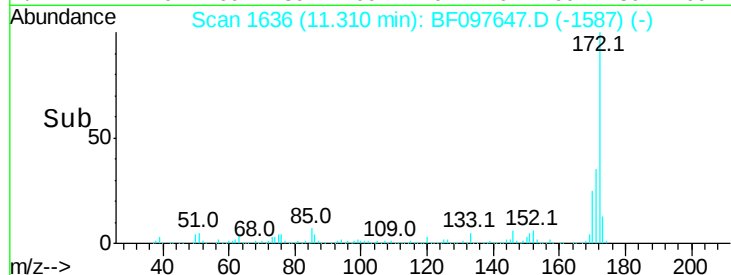
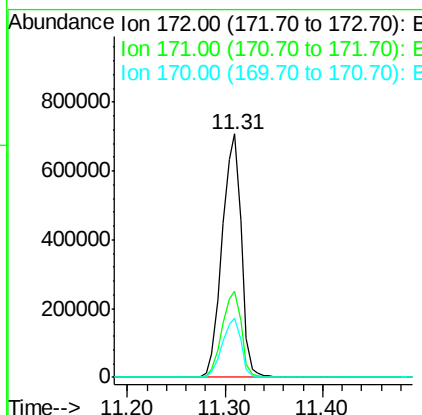
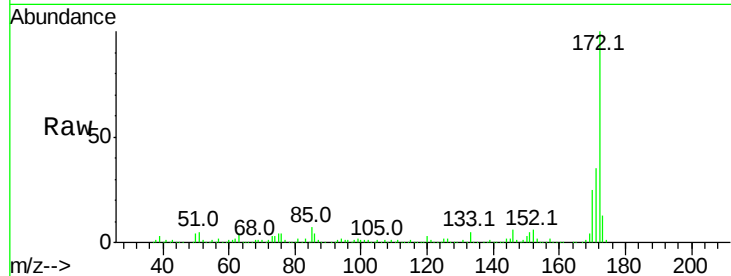




#44
2-Fluorobiphenyl
Concen: 82.272 ng
RT: 11.31 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

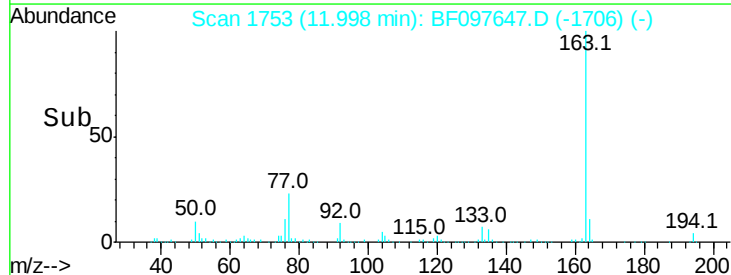
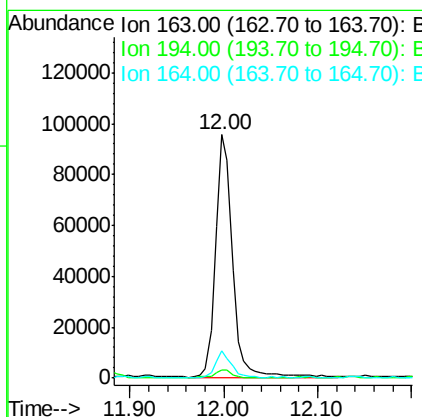
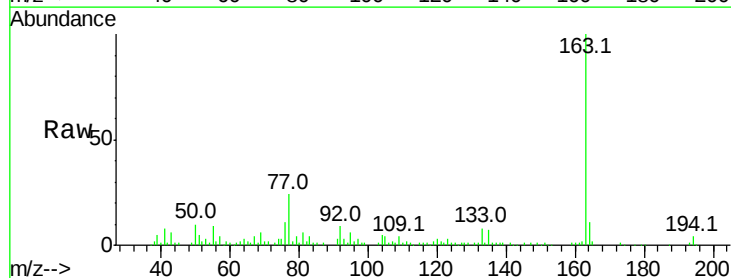
Instrument :
BNA_F
ClientSampleId :
VE-4-11

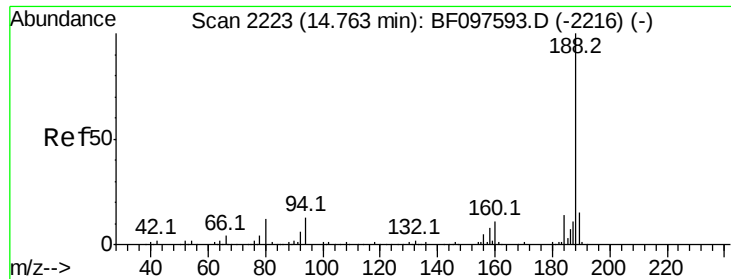
Tot Ion:172 Resp: 961037
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.6 19.8 29.8



#49
Dimethylphthalate
Concen: 8.903 ng
RT: 12.00 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Tgt Ion:163 Resp: 120957
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.4 8.4 12.6

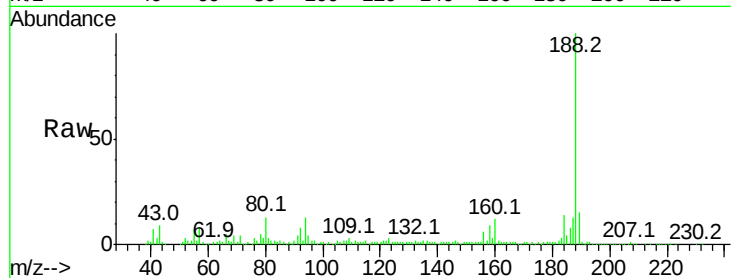




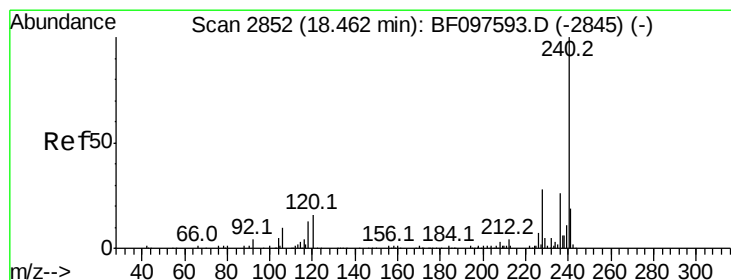
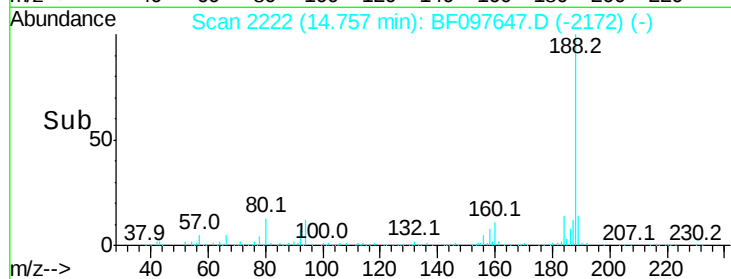
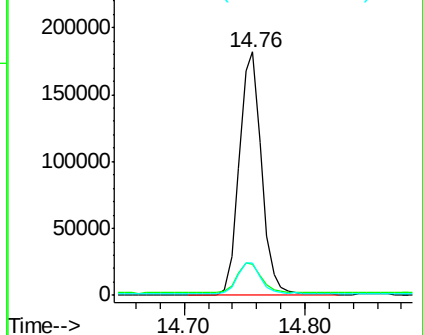
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Instrument :
BNA_F
ClientSampleId :
VE-4-11

Tot Ion:188 Resp: 234295
Ion Ratio Lower Upper
188 100
94 13.0 9.4 14.2
80 13.2 10.2 15.2

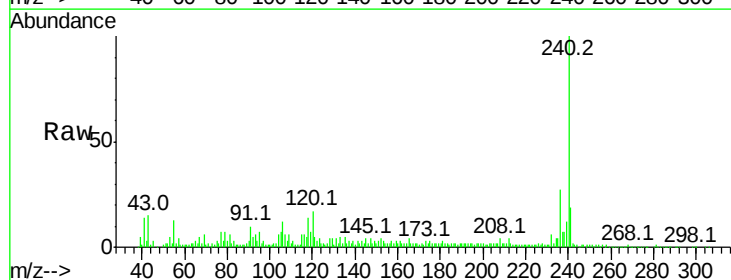


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

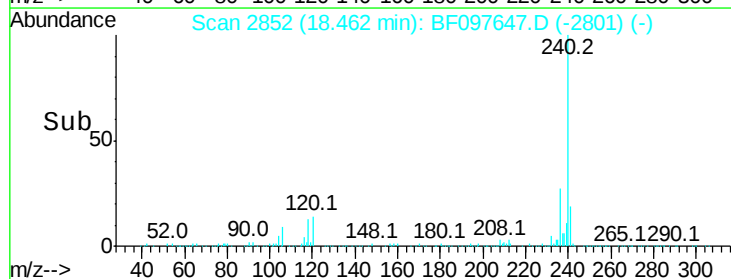
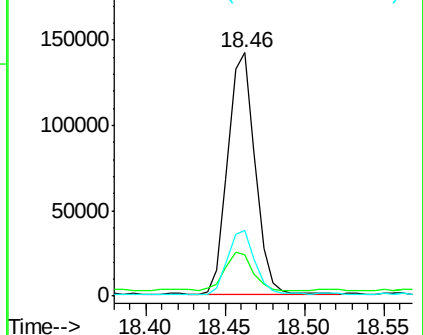


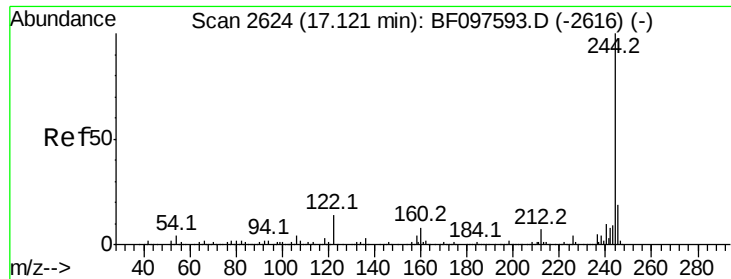
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.46 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF097647.D
Acq: 12 Aug 2017 22:01

Tgt Ion:240 Resp: 168456
Ion Ratio Lower Upper
240 100
120 16.9 5.8 8.8#
236 27.0 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: 52.357 ng

RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

Instrument :

BNA_F

ClientSampleId :

VE-4-11

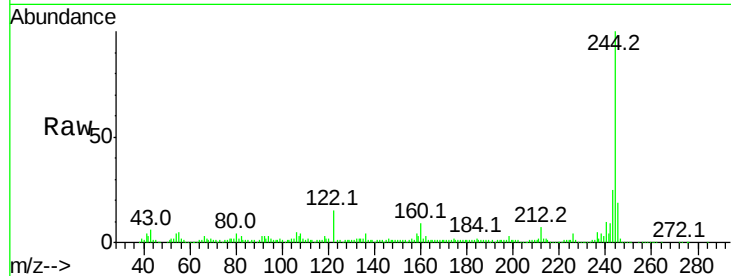
Tot Ion:244 Resp: 426148

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

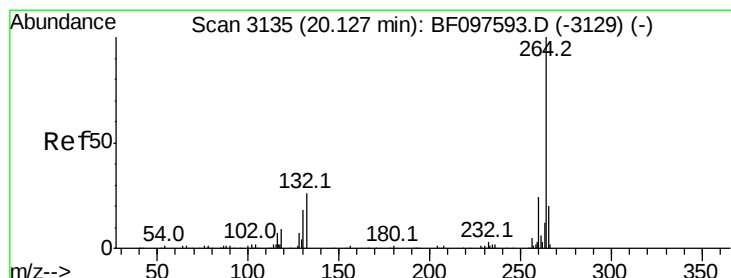
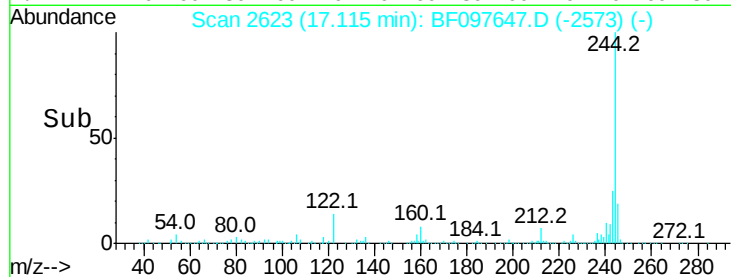
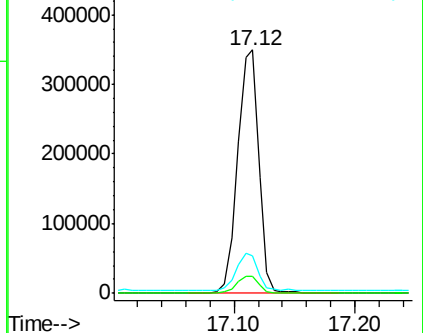
122 15.2 10.3 15.5



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: 20.13 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BF097647.D

Acq: 12 Aug 2017 22:01

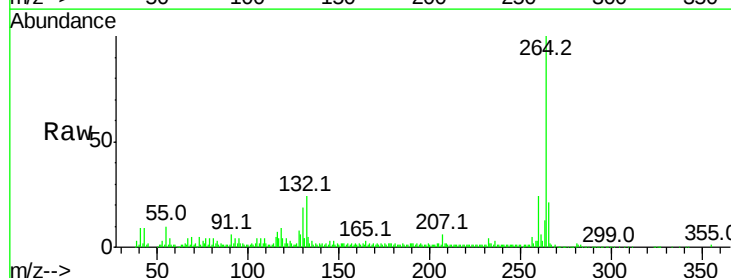
Tgt Ion:264 Resp: 159874

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.0 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

