

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095639.D
 Acq On : 2 Jun 2017 17:56
 Operator : SJ/MA
 Sample : I3420-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Quant Time: Jun 03 03:41:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

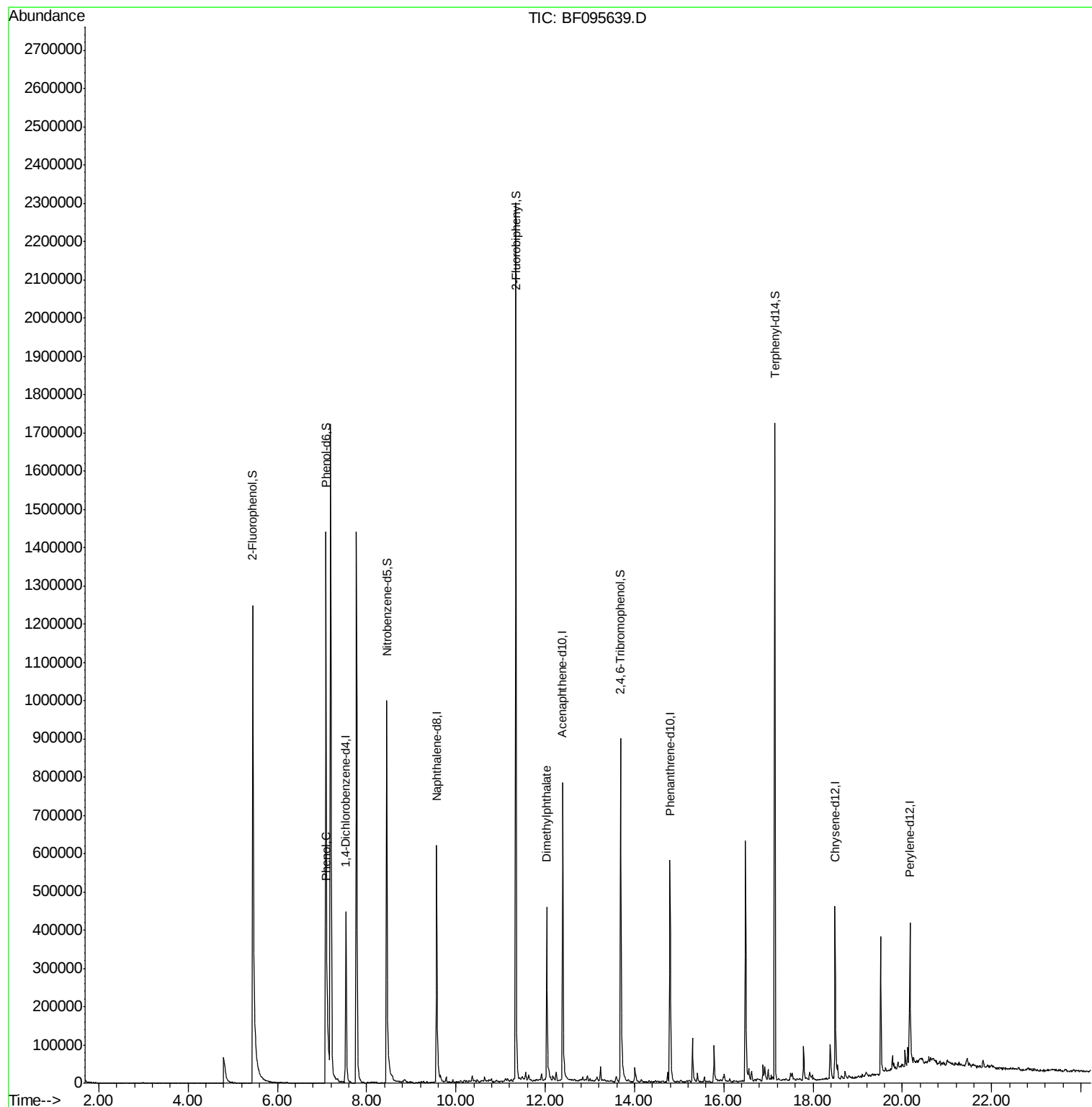
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	111967	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	483788	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	213391	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	339110	20.00	ng	0.00
75) Chrysene-d12	18.49	240	213289	20.00	ng	0.00
86) Perylene-d12	20.17	264	176739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	793819	118.20	ng	0.00
7) Phenol-d6	7.09	99	936574	116.23	ng	0.00
23) Nitrobenzene-d5	8.45	82	540981	70.51	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	169117	96.77	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1025553	69.17	ng	0.00
78) Terphenyl-d14	17.14	244	642949	66.40	ng	0.00
Target Compounds						
10) Phenol	7.11	94	27938	3.29	ng	Qvalue # 77
49) Dimethylphthalate	12.03	163	295192	16.85	ng	99

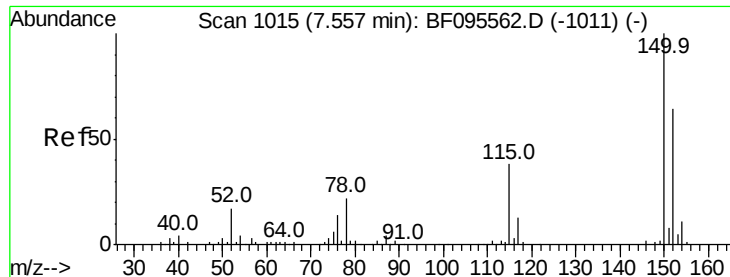
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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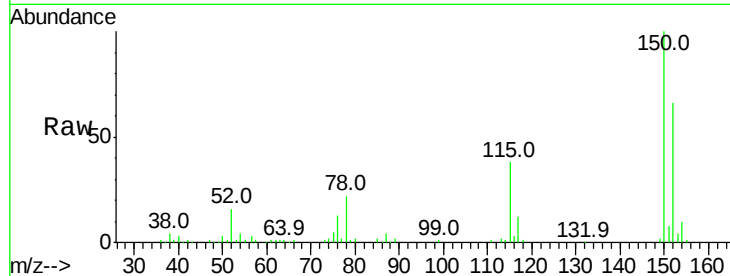


#1

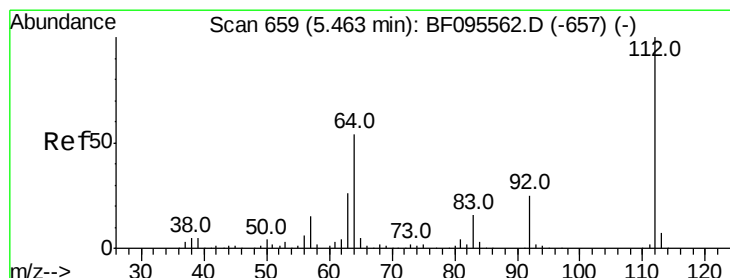
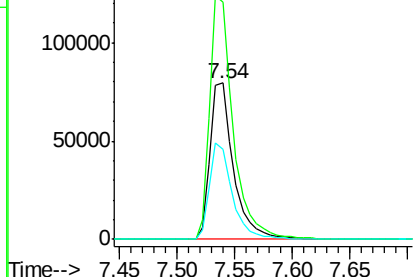
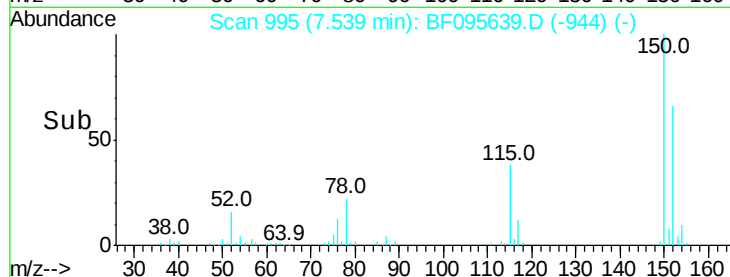
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tot Ion:152 Resp: 111967
 Ion Ratio Lower Upper
 152 100
 150 151.7 126.2 189.2
 115 57.8 52.2 78.2



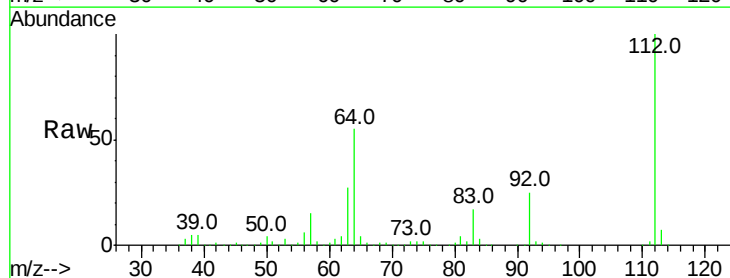
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



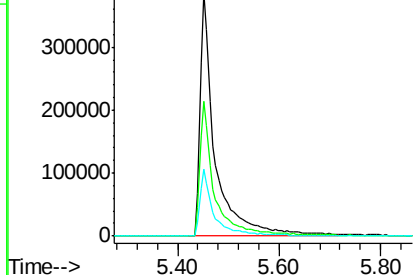
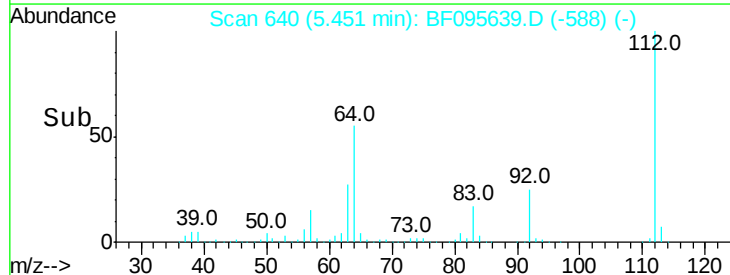
#5

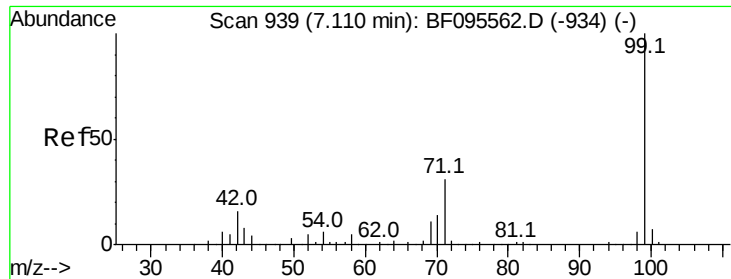
2-Fluorophenol
 Concen: 118.20 ng
 RT: 5.45 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Tgt Ion:112 Resp: 793819
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.3 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: 116.23 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

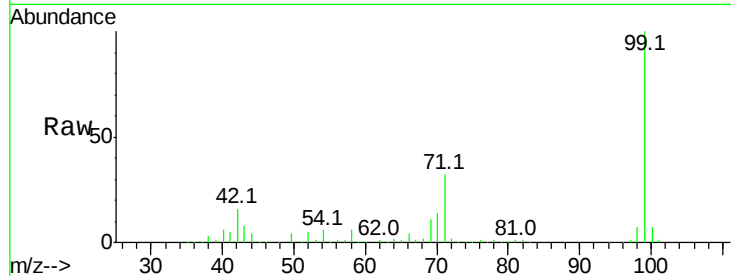
Tot Ion: 99 Resp: 936574

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

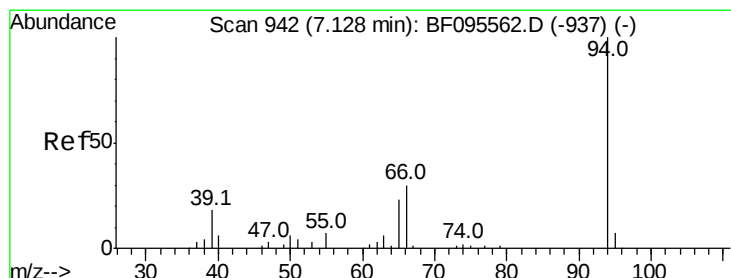
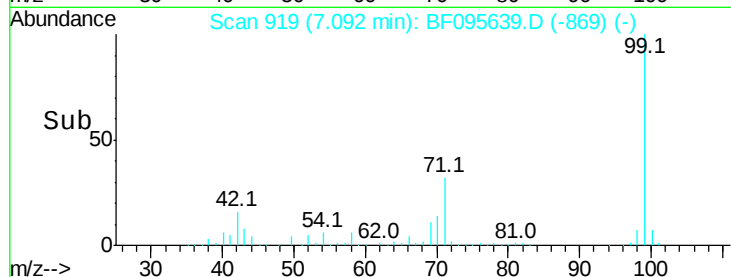
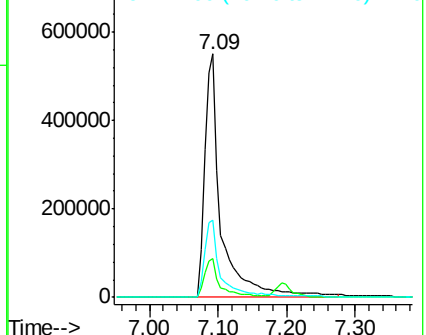
71 31.9 24.5 36.7



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: 3.29 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

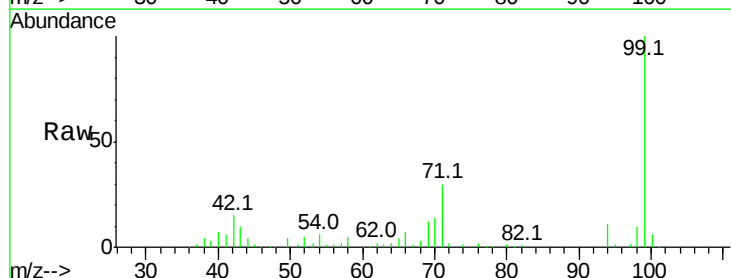
Tgt Ion: 94 Resp: 27938

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

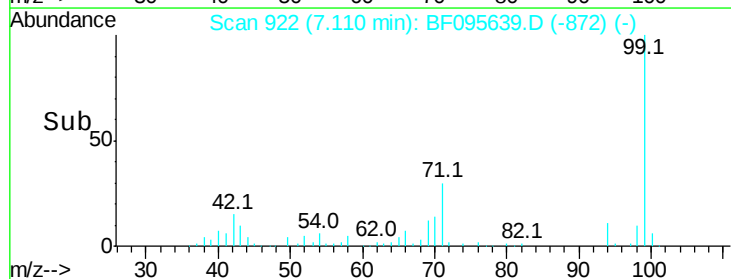
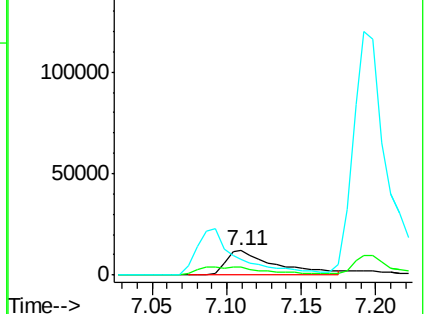
66 65.6 23.1 63.1#

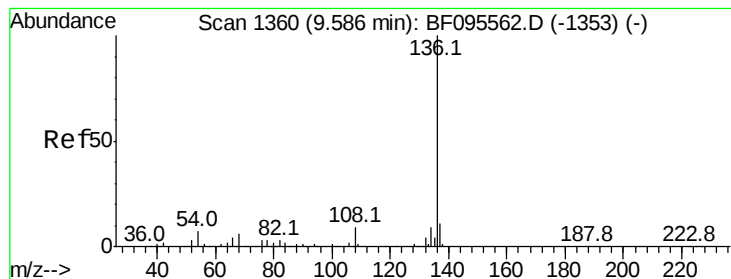


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

Tot Ion:136 Resp: 483788

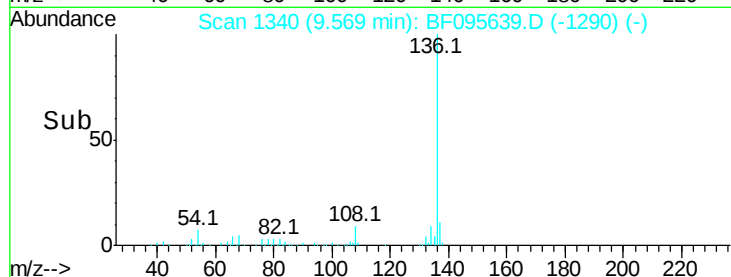
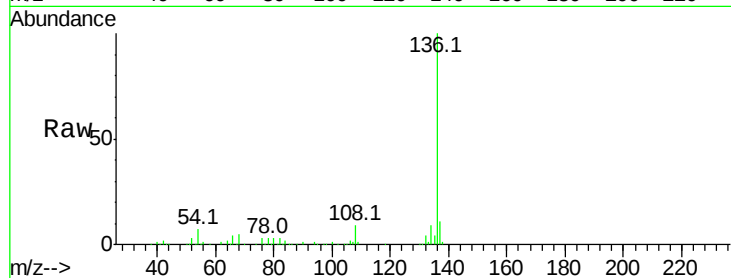
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 5.3 4.1 6.1

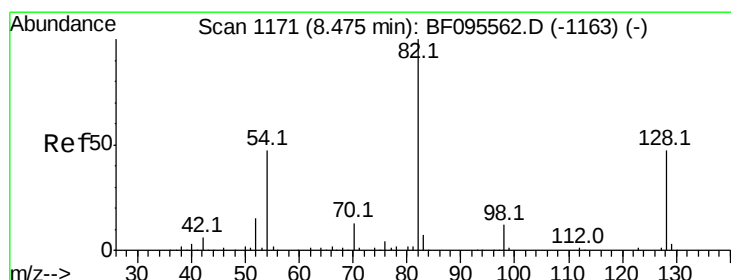
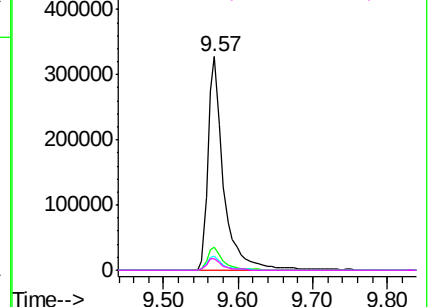


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.51 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

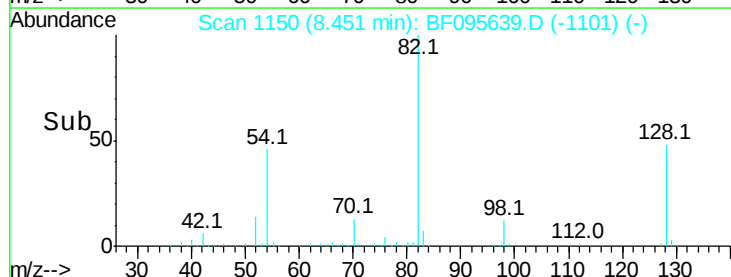
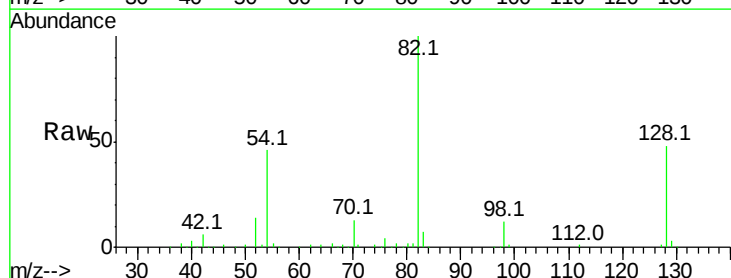
Tgt Ion: 82 Resp: 540981

Ion Ratio Lower Upper

82 100

128 48.1 34.0 51.0

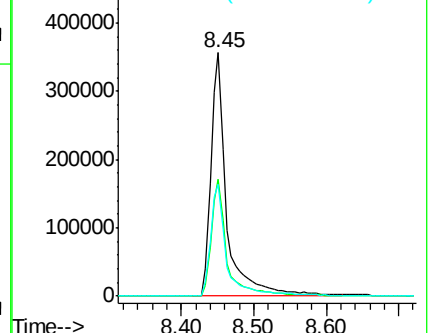
54 46.0 42.2 63.2

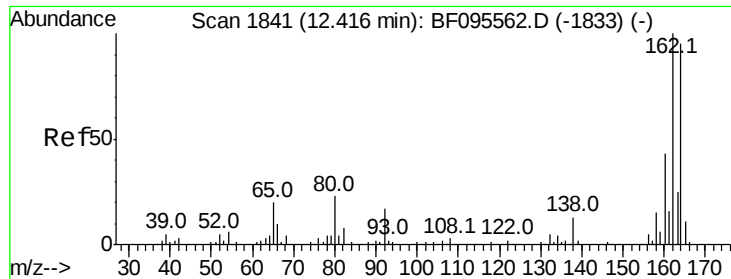


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

TP-3-TP-4

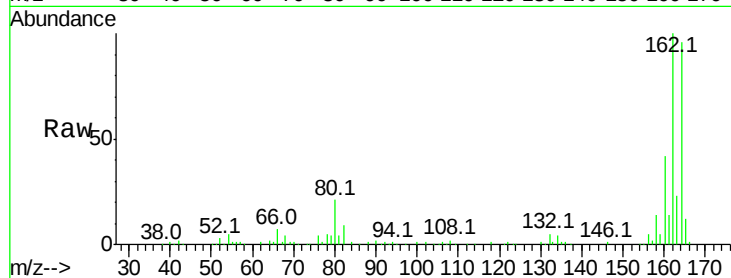
Tot Ion:164 Resp: 213391

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

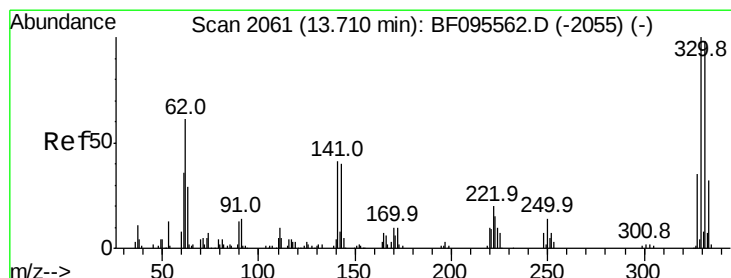
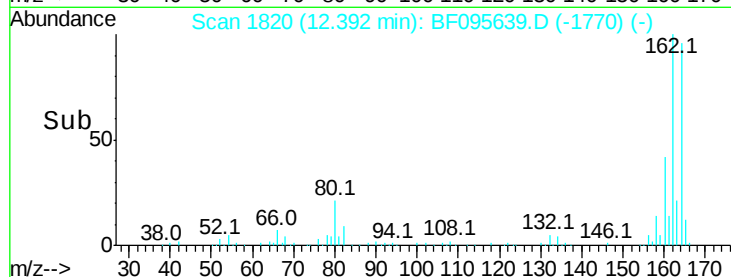
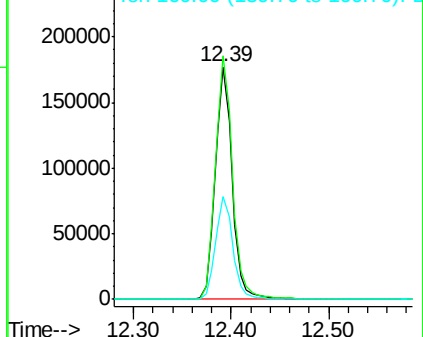
160 44.3 36.2 54.2



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: 96.77 ng

RT: 13.69 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

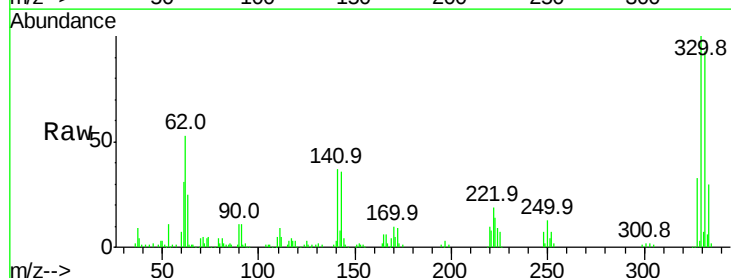
Tgt Ion:330 Resp: 169117

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

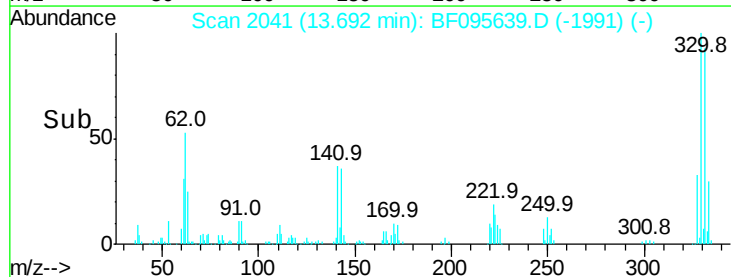
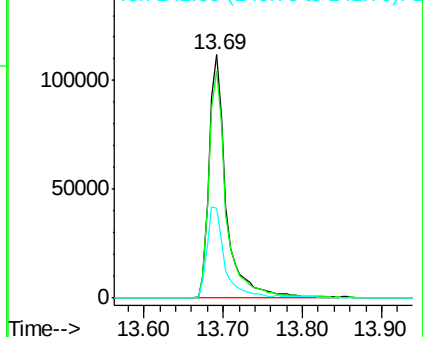
141 40.1 31.4 47.2

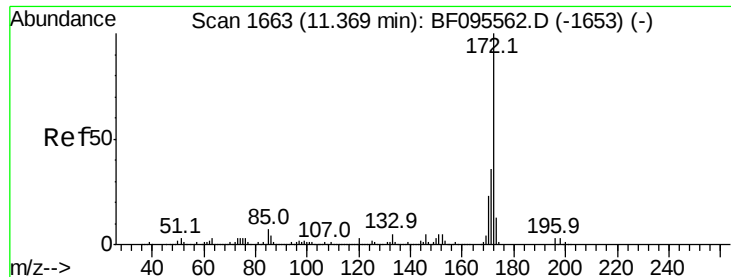


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

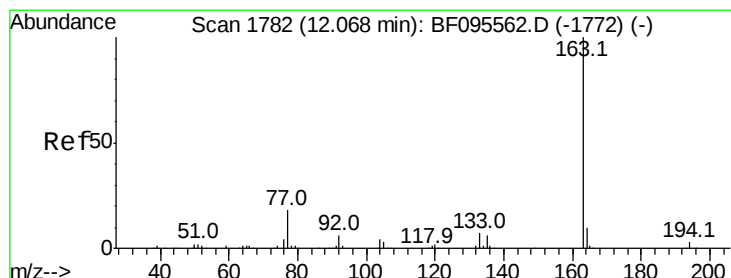
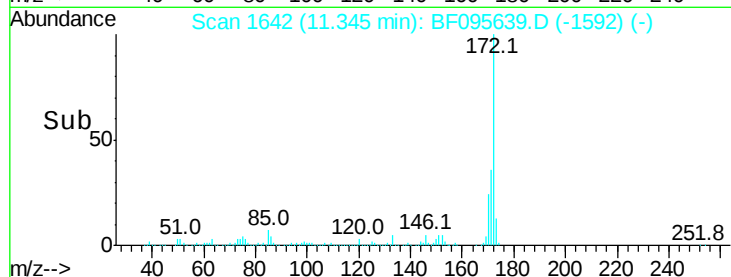
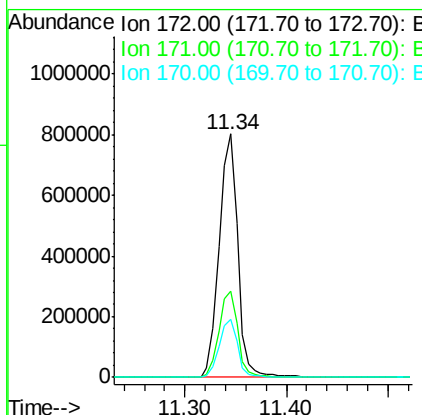
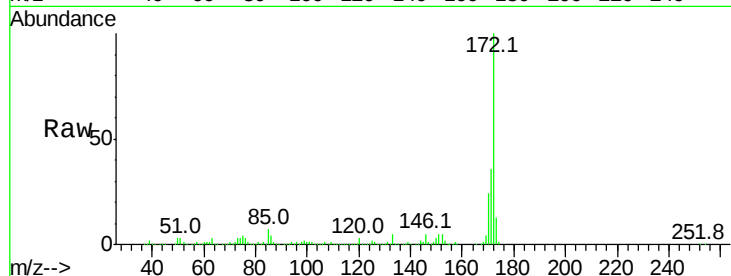




#44
2-Fluorobiphenyl
Concen: 69.17 ng
RT: 11.34 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095639.D
Acq: 2 Jun 2017 17:56

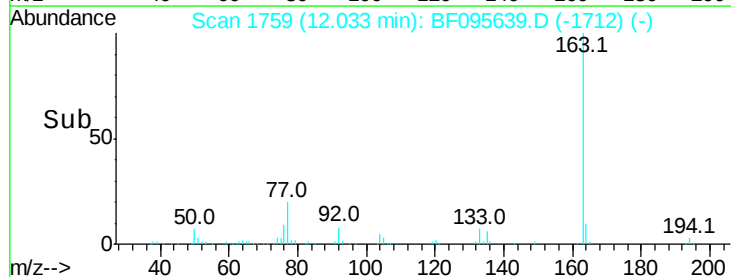
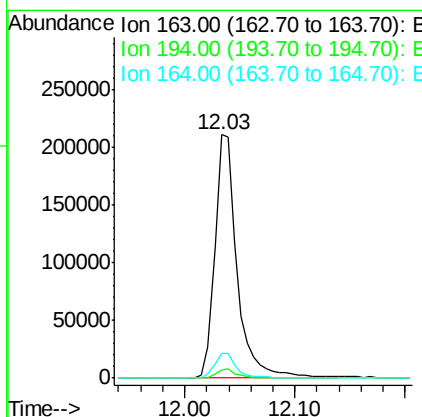
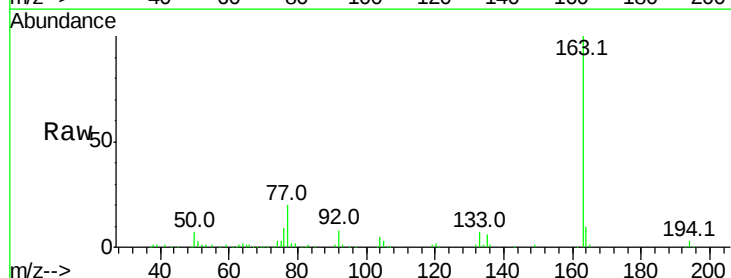
Instrument :
BNA_F
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TP-3-TP-4

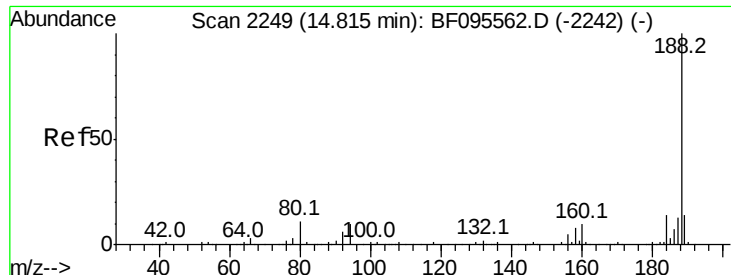
Tot Ion:172 Resp: 1025553
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 16.85 ng
RT: 12.03 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF095639.D
Acq: 2 Jun 2017 17:56

Tgt Ion:163 Resp: 295192
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

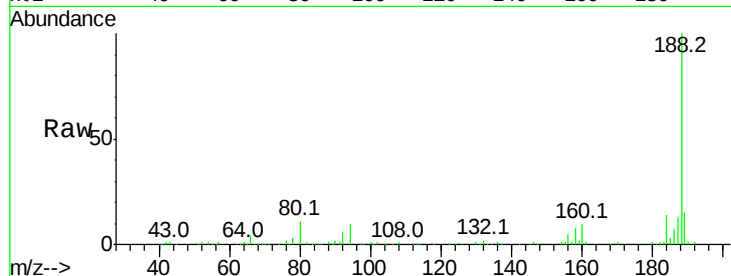




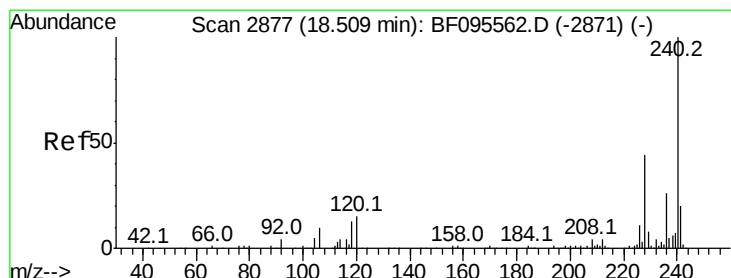
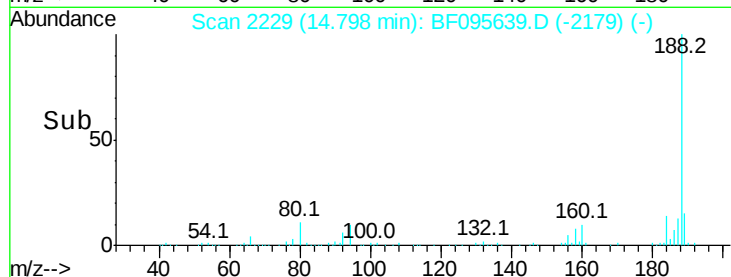
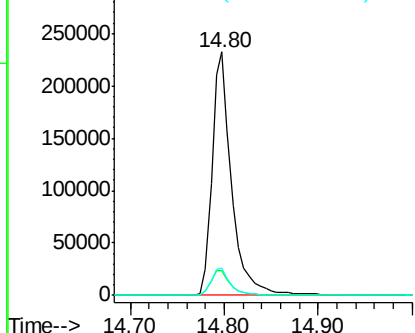
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095639.D
Acq: 2 Jun 2017 17:56

Instrument :
BNA_F
ClientSampleId :
TP-3-TP-4

Tot Ion:188 Resp: 339110
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.2 15.2

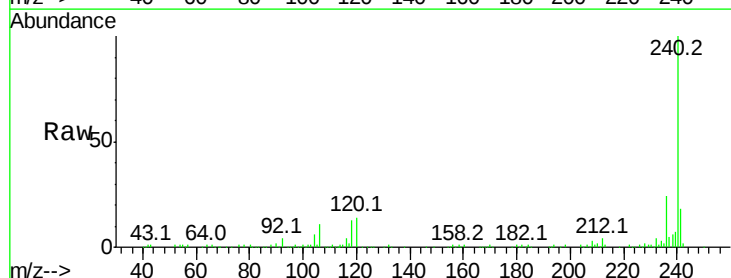


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

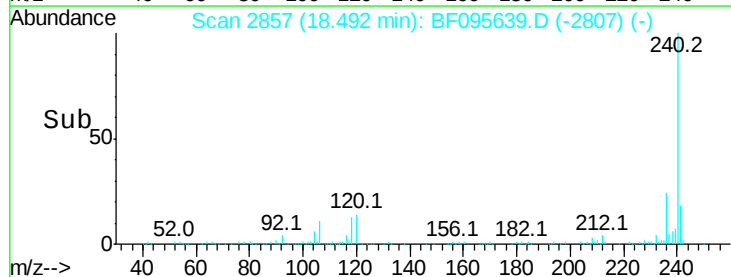
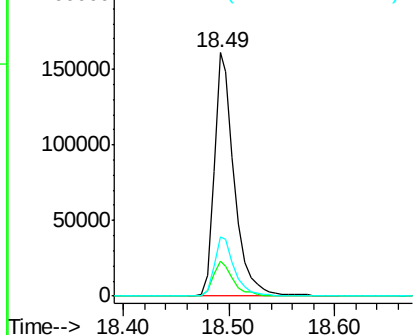


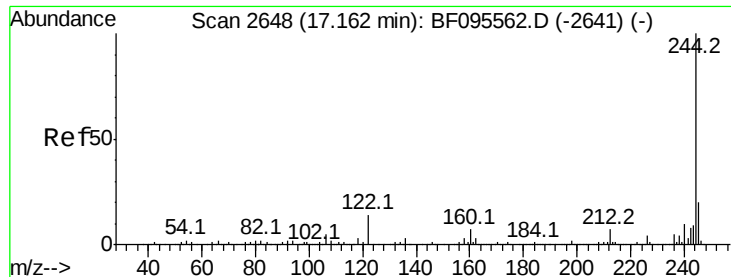
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095639.D
Acq: 2 Jun 2017 17:56

Tgt Ion:240 Resp: 213289
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 24.2 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

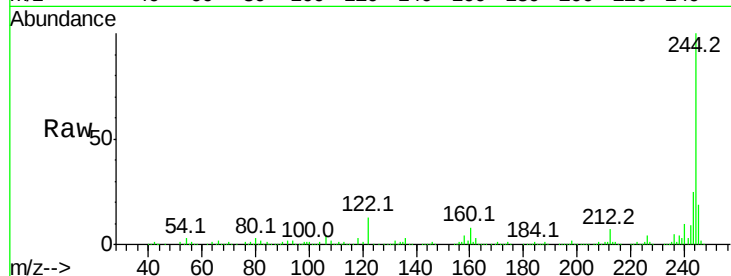




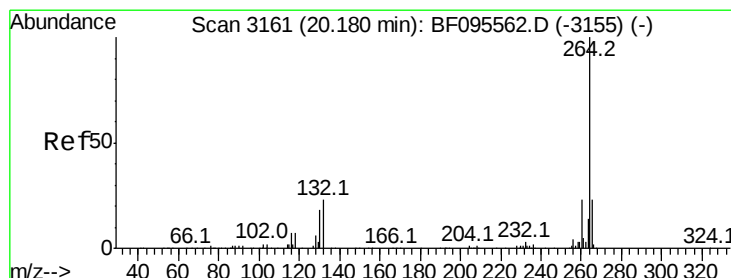
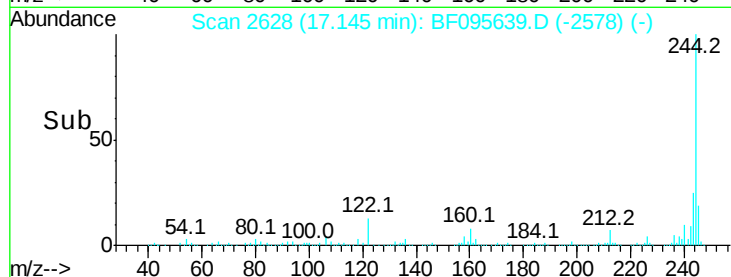
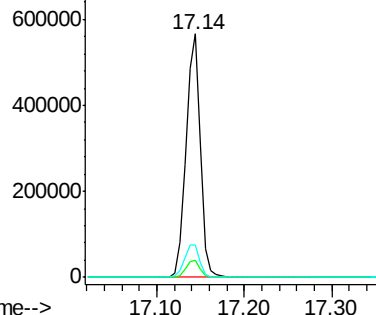
#78
 Terphenyl-d14
 Concen: 66.40 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-TP-4

Tot Ion:244 Resp: 642949
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.3 10.3 15.5

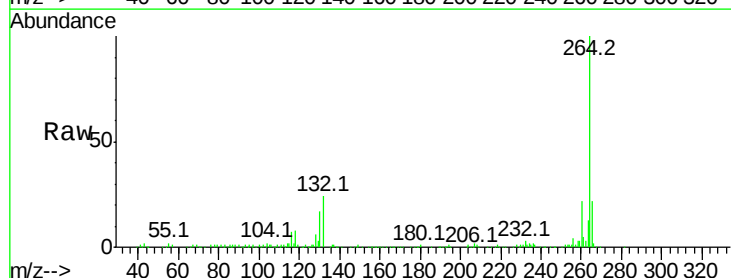


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Tgt Ion:264 Resp: 176739
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.9 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

