

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097695.D
 Acq On : 15 Aug 2017 17:09
 Operator : SJ/JU
 Sample : I4768-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-137TH-SLUDGE-52

Quant Time: Aug 16 04:29:18 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

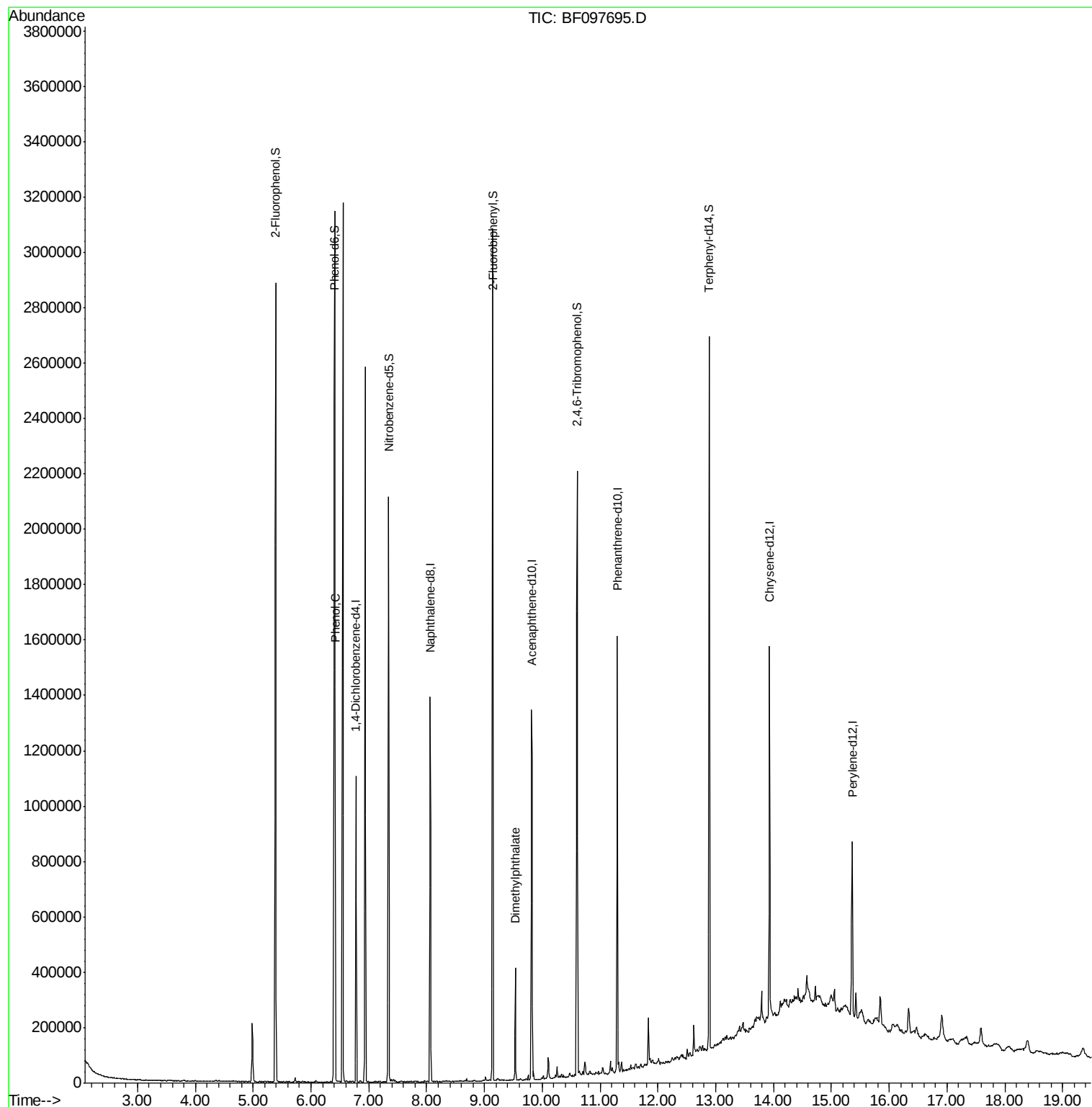
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	133555	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	546587	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	252274	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	510994	20.00	ng	0.00
75) Chrysene-d12	13.93	240	416905	20.00	ng	0.00
86) Perylene-d12	15.36	264	285552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	901266	102.65	ng	0.00
7) Phenol-d6	6.41	99	1229628	103.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	728252	72.38	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	240732	109.98	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	946164	55.10	ng	0.00
78) Terphenyl-d14	12.89	244	838029	41.92	ng	0.00
Target Compounds						
10) Phenol	6.42	94	41684	2.988	ng	88
49) Dimethylphthalate	9.53	163	129968	7.048	ng	99

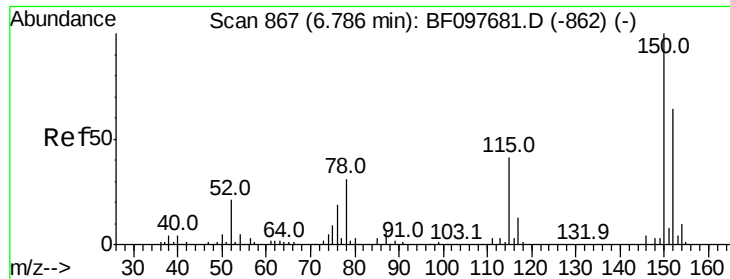
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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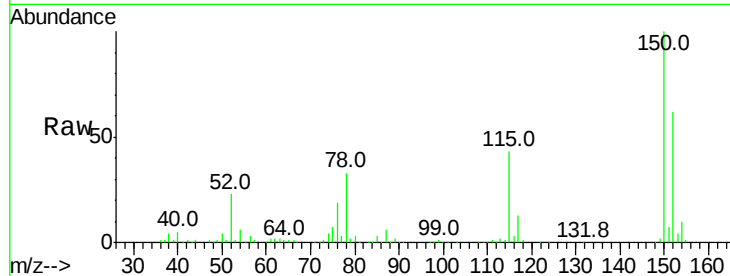


#1

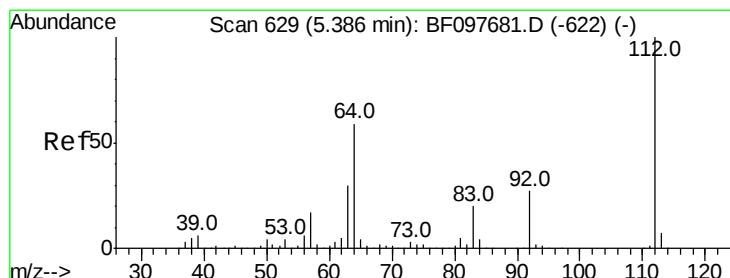
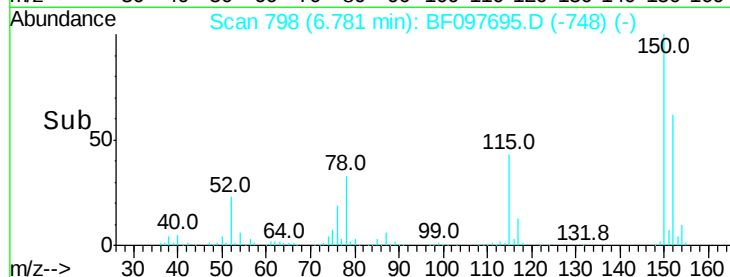
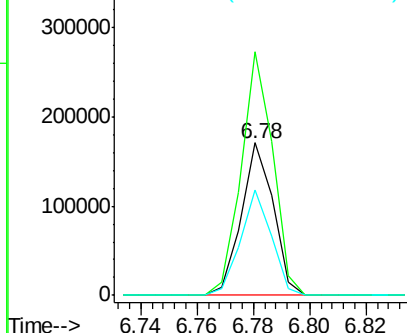
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097695.D
 Acq: 15 Aug 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-137TH-SLUDGE-52

Tot Ion:152 Resp: 133555
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.2 189.2
 115 69.1 52.2 78.2



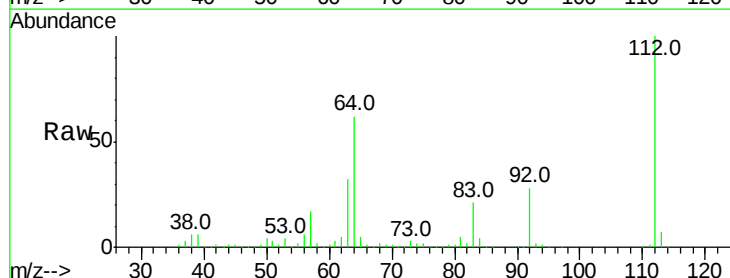
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



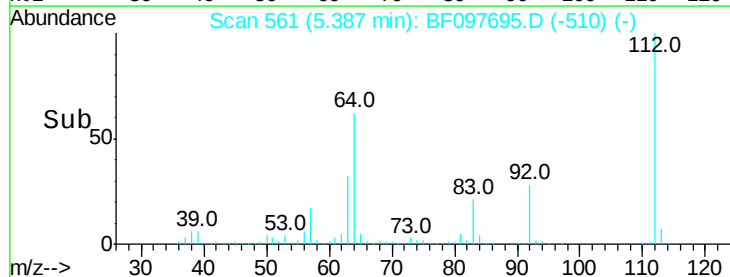
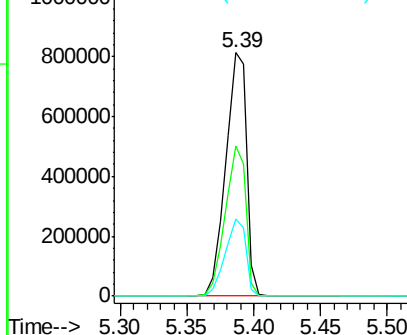
#5

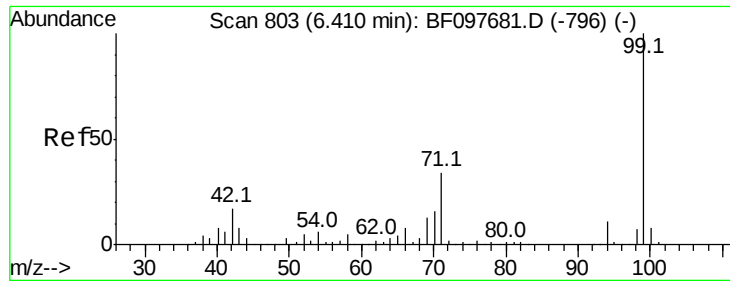
2-Fluorophenol
 Concen: 102.646 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF097695.D
 Acq: 15 Aug 2017 17:09

Tgt Ion:112 Resp: 901266
 Ion Ratio Lower Upper
 112 100
 64 61.6 46.0 69.0
 63 31.5 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: 103.071 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

W-137TH-SLUDGE-52

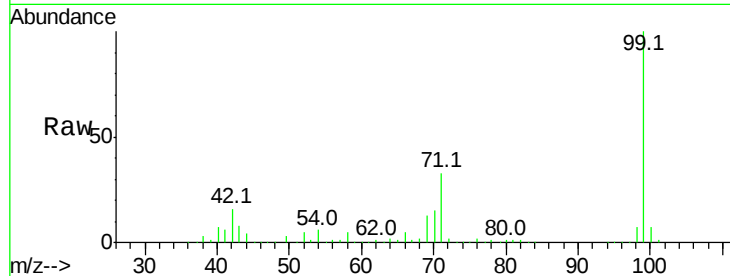
Tot Ion: 99 Resp: 1229628

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

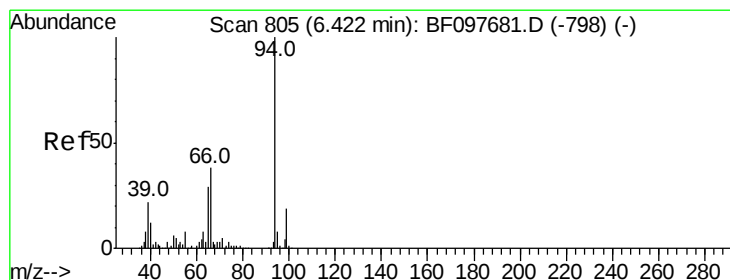
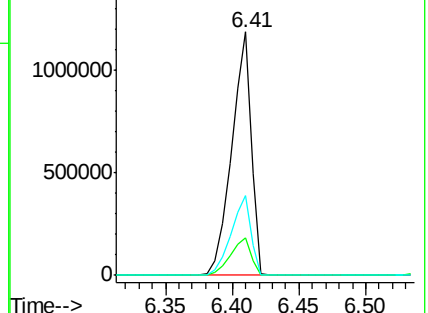
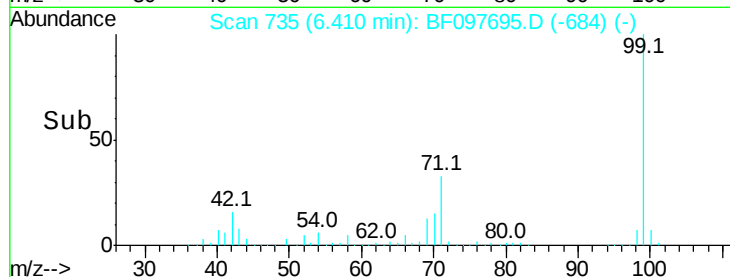
71 32.8 24.5 36.7



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: 2.988 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

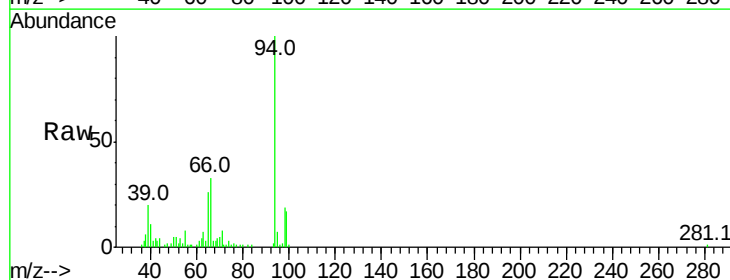
Tgt Ion: 94 Resp: 41684

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

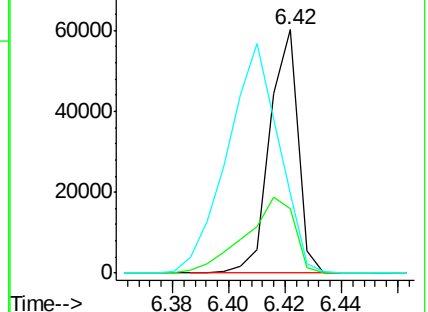
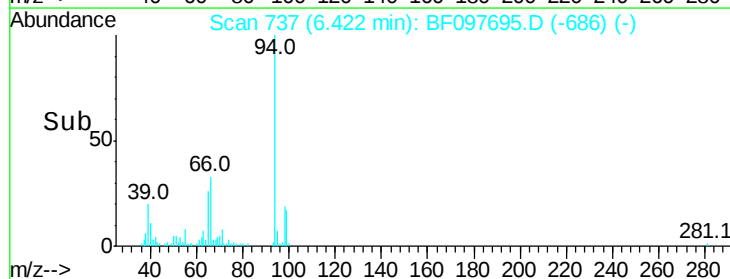
66 32.6 23.1 63.1

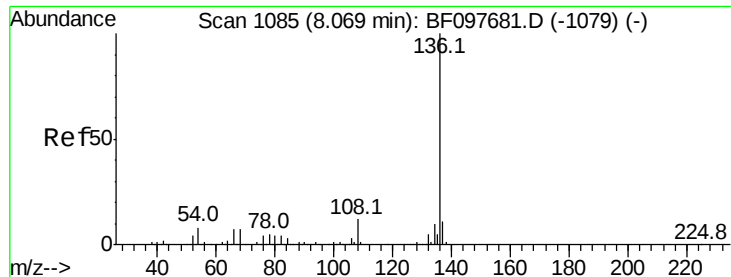


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

W-137TH-SLUDGE-52

Tot Ion:136 Resp: 546587

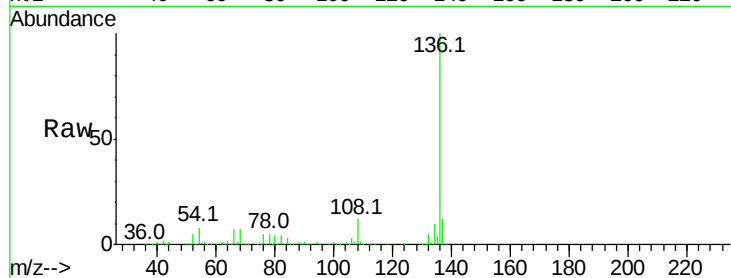
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 8.2 4.9 7.3#

68 7.5 4.1 6.1#

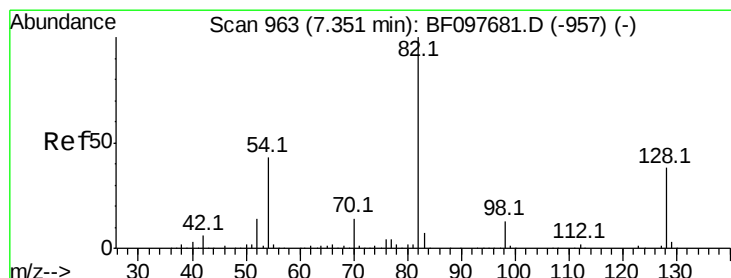
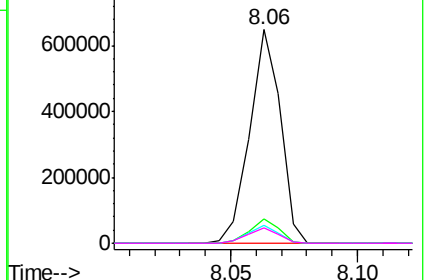
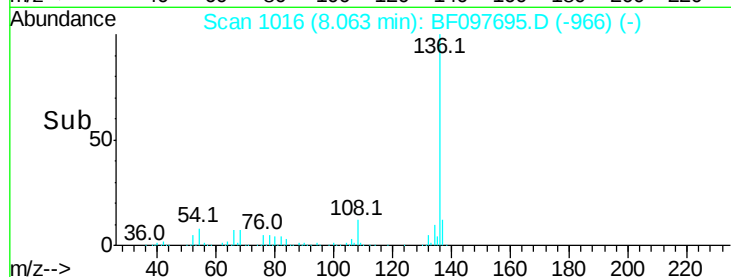


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.380 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

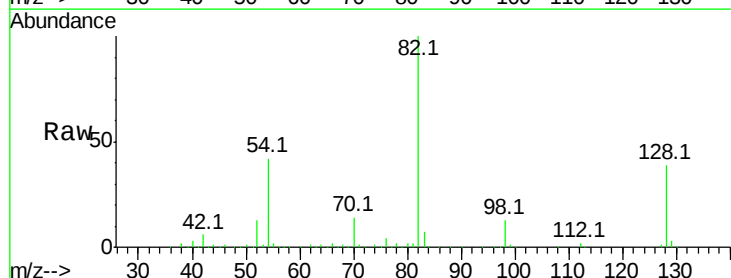
Tgt Ion: 82 Resp: 728252

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

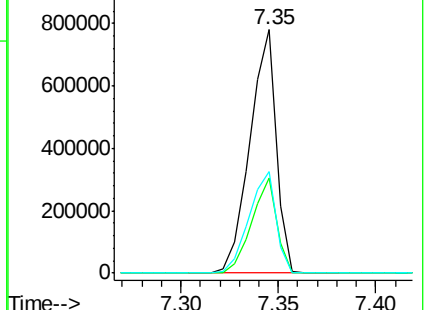
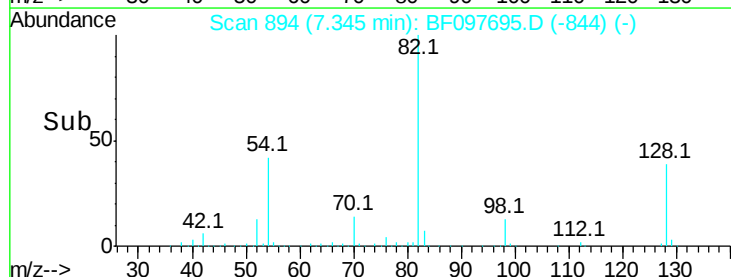
54 41.8 42.2 63.2#

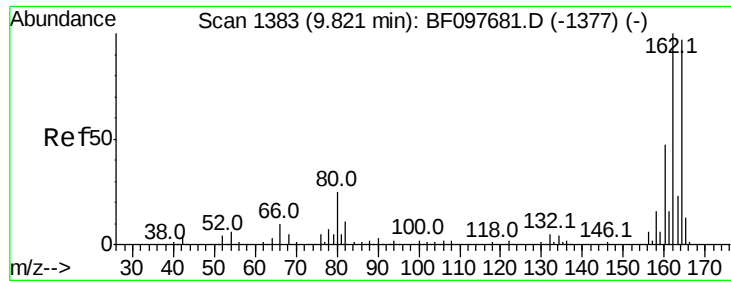


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

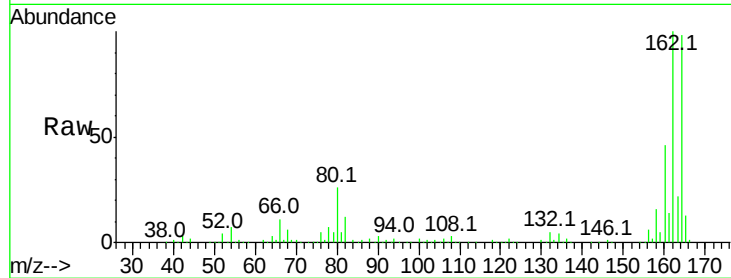




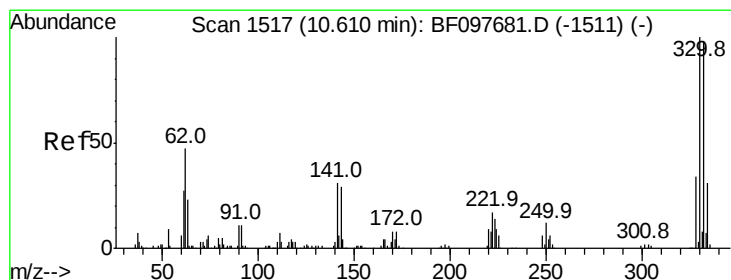
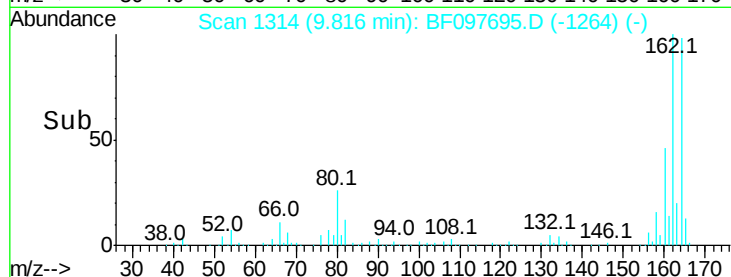
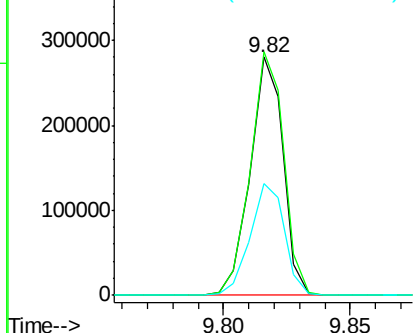
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097695.D
 Acq: 15 Aug 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-137TH-SLUDGE-52

Tot Ion:164 Resp: 252274
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 46.7 36.2 54.2

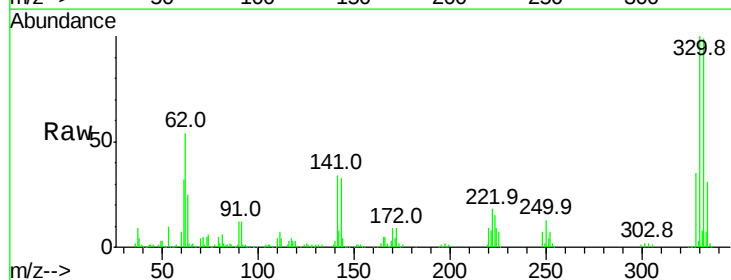


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

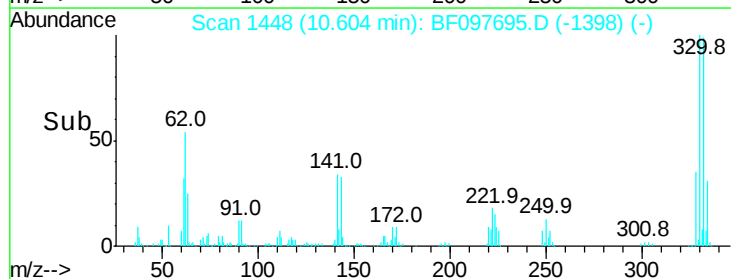
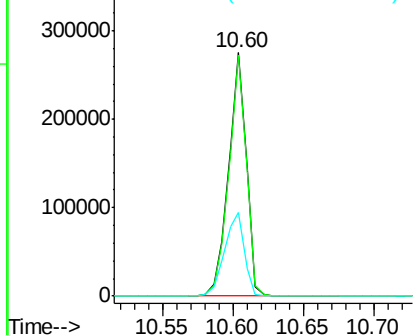


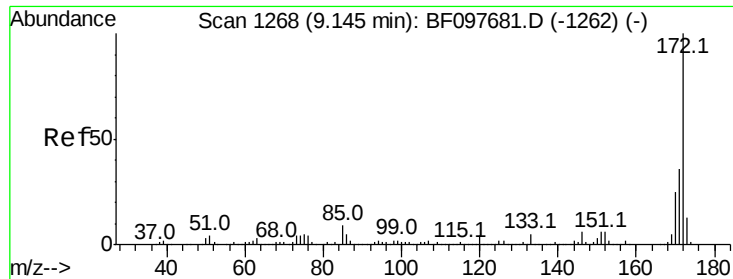
#41
 2,4,6-Tribromophenol
 Concen: 109.979 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097695.D
 Acq: 15 Aug 2017 17:09

Tgt Ion:330 Resp: 240732
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 38.2 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

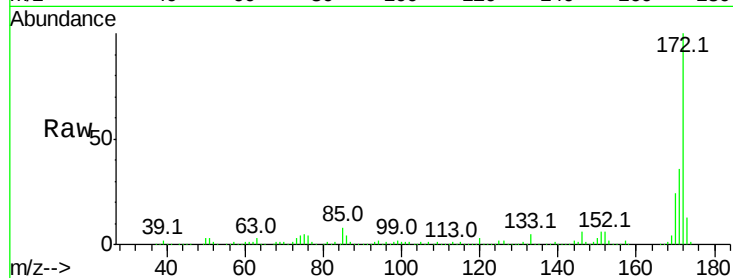




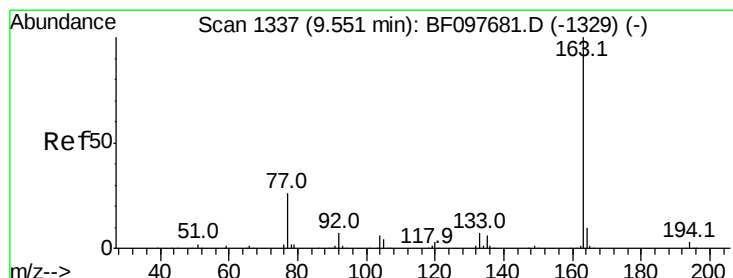
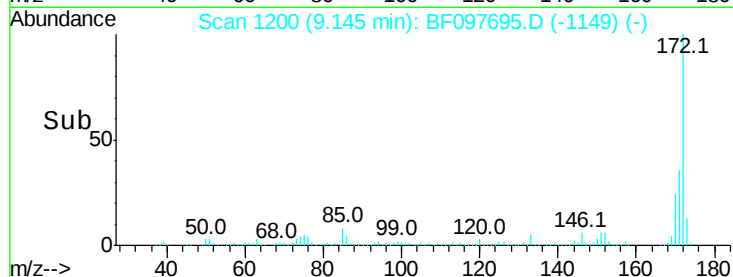
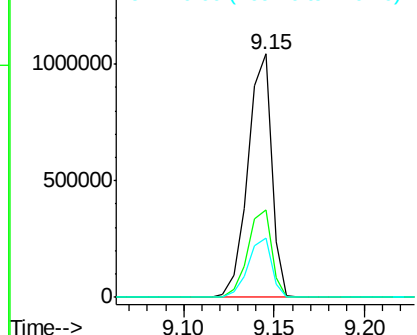
#44
2-Fluorobiphenyl
Concen: 55.103 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097695.D
Acq: 15 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
W-137TH-SLUDGE-52

Tot Ion:172 Resp: 946164
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.2 19.8 29.8

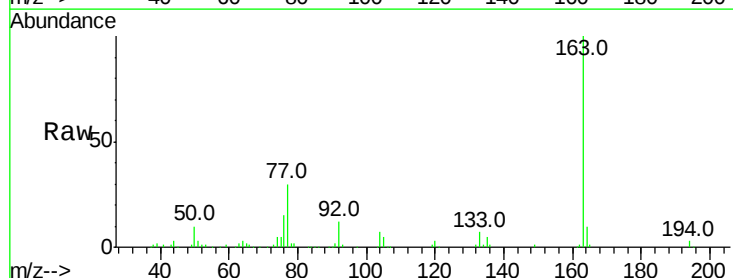


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

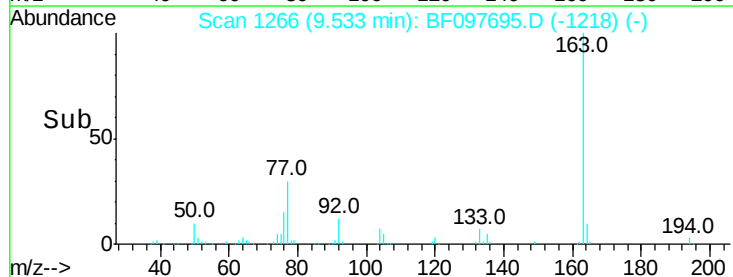
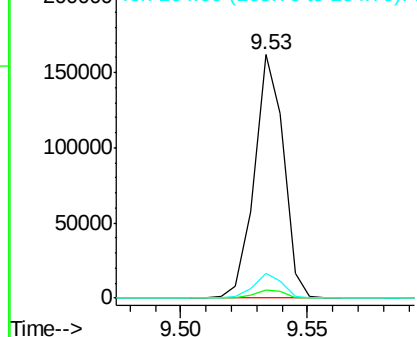


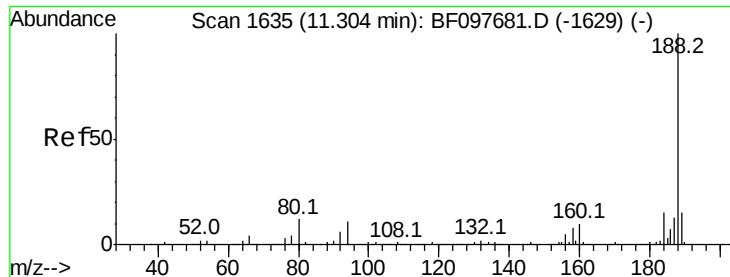
#49
Dimethylphthalate
Concen: 7.048 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097695.D
Acq: 15 Aug 2017 17:09

Tgt Ion:163 Resp: 129968
Ion Ratio Lower Upper
163 100
194 3.4 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

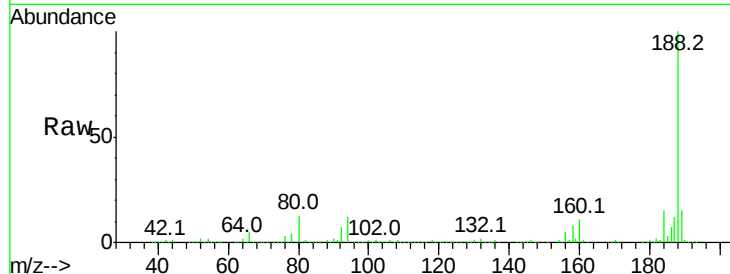




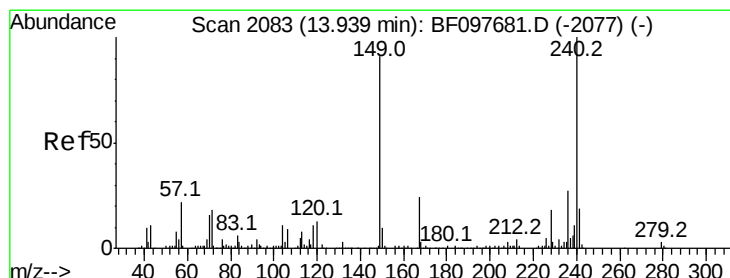
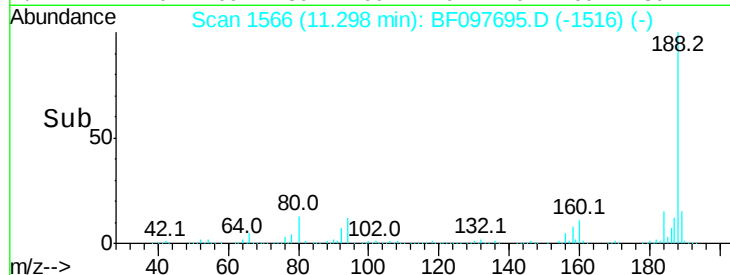
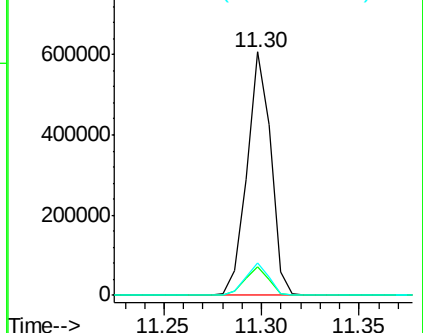
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097695.D
Acq: 15 Aug 2017 17:09

Instrument :
BNA_F
ClientSampleId :
W-137TH-SLUDGE-52

Tot Ion:188 Resp: 510994
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 13.2 10.2 15.2

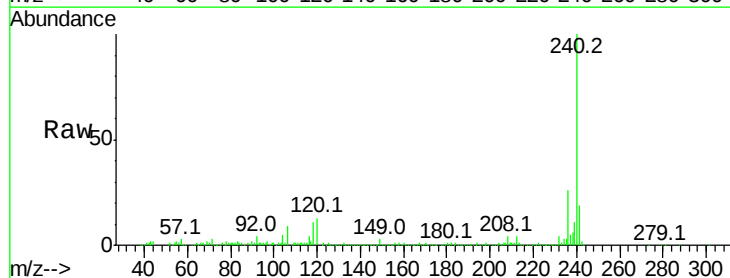


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

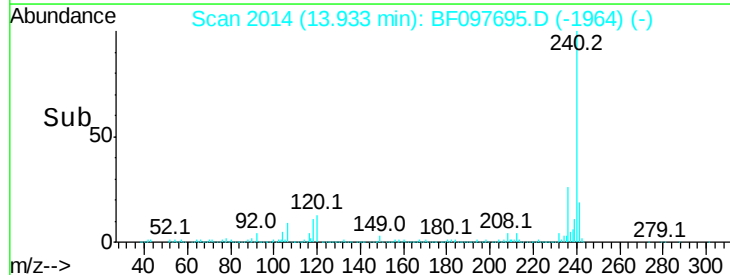
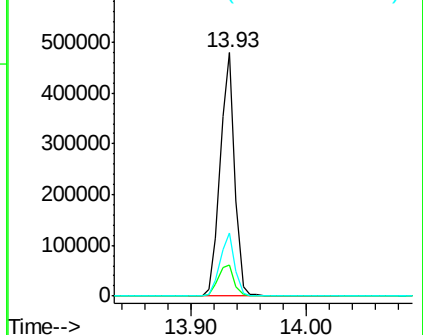


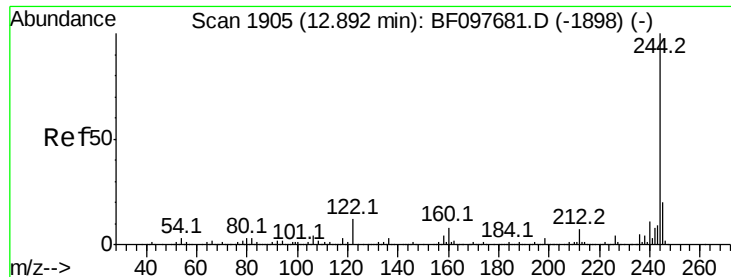
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097695.D
Acq: 15 Aug 2017 17:09

Tgt Ion:240 Resp: 416905
Ion Ratio Lower Upper
240 100
120 12.8 5.8 8.8#
236 25.8 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: 41.918 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

Instrument :

BNA_F

ClientSampleId :

W-137TH-SLUDGE-52

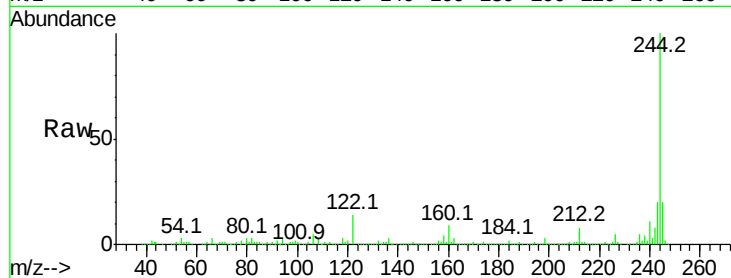
Tot Ion:244 Resp: 838029

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

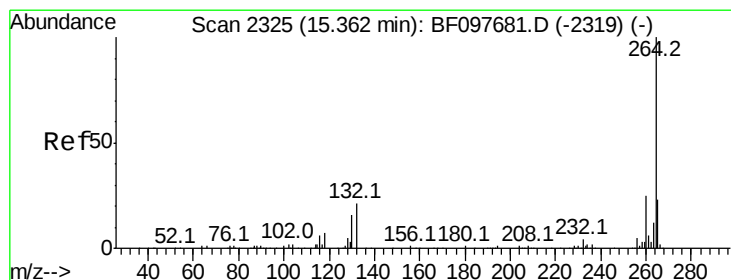
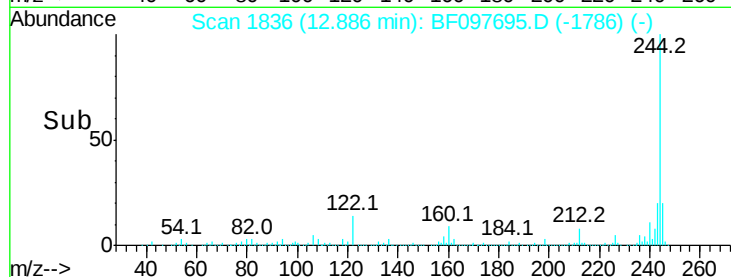
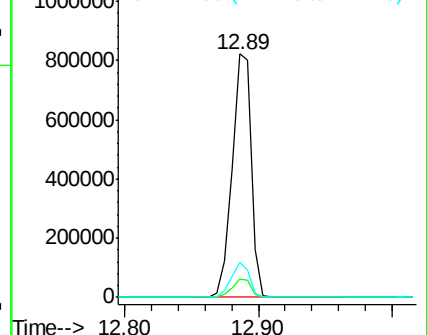
122 14.3 10.3 15.5



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: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097695.D

Acq: 15 Aug 2017 17:09

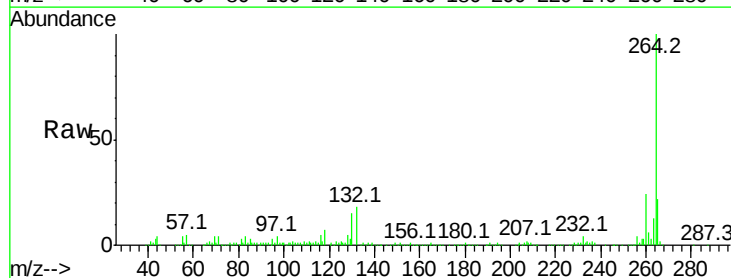
Tgt Ion:264 Resp: 285552

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.2 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

