

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098190.D
 Acq On : 31 Aug 2017 8:27
 Operator : SJ/JU
 Sample : I4987-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Aug 31 09:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

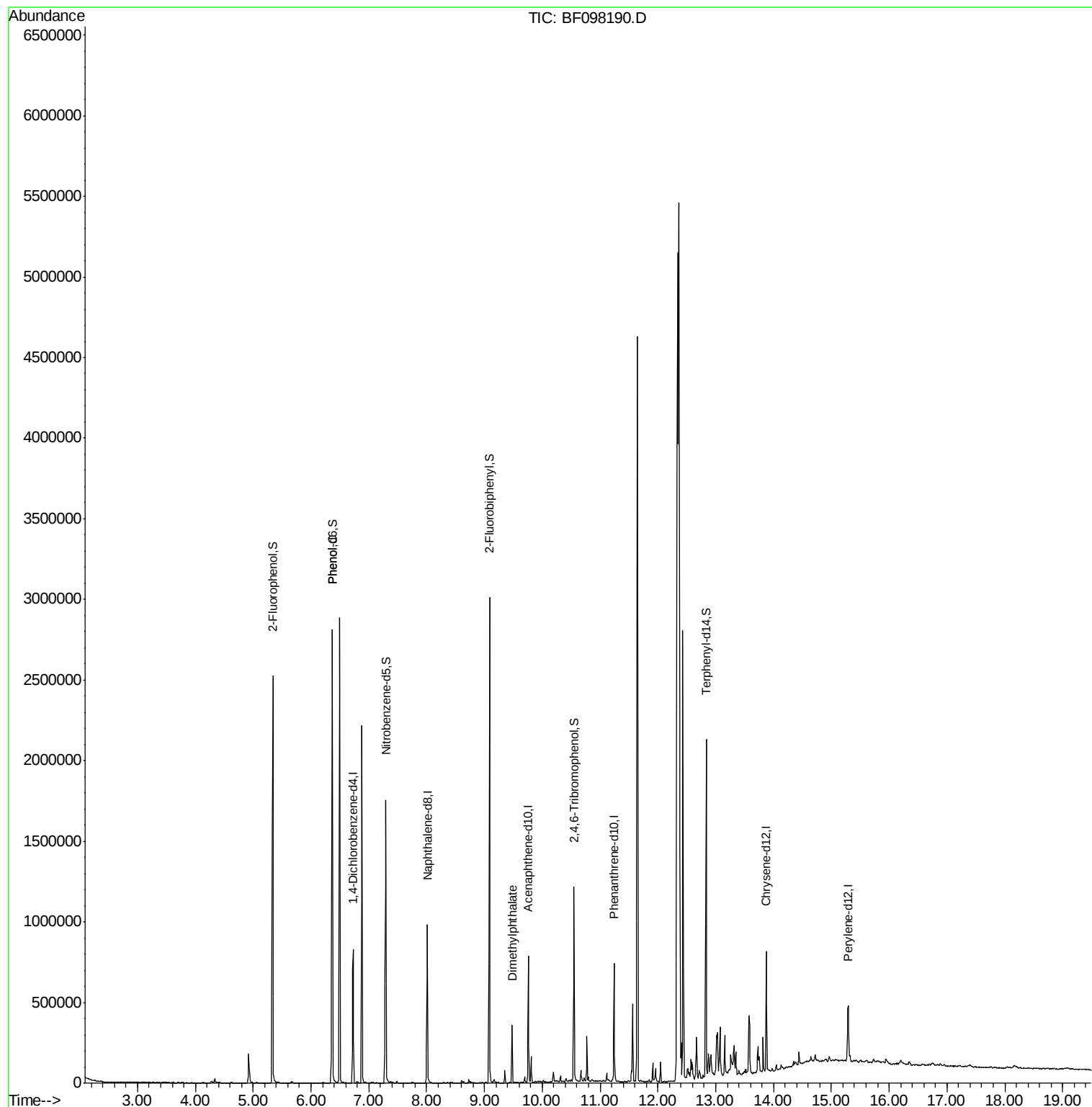
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	116046	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	422198	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	154322	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	258376	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	229514	20.00	ng	-0.02
86) Perylene-d12	15.29	264	152047	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	838138	109.86	ng	-0.01
7) Phenol-d6	6.37	99	1106767	106.77	ng	-0.02
23) Nitrobenzene-d5	7.29	82	626353	80.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	134170	100.20	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	858440	81.73	ng	-0.02
78) Terphenyl-d14	12.83	244	654065	59.43	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	32408	2.673	ng	80
49) Dimethylphthalate	9.48	163	134350	11.910	ng	98

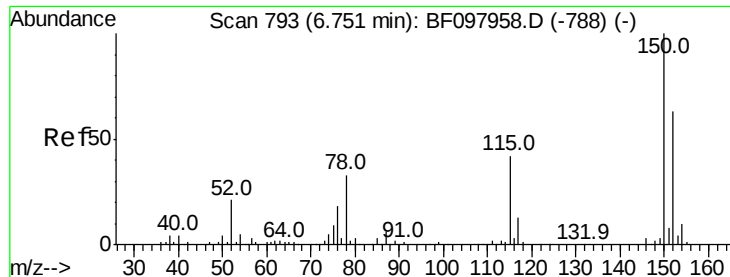
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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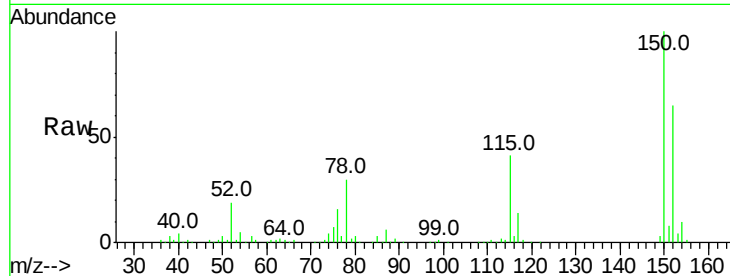


#1

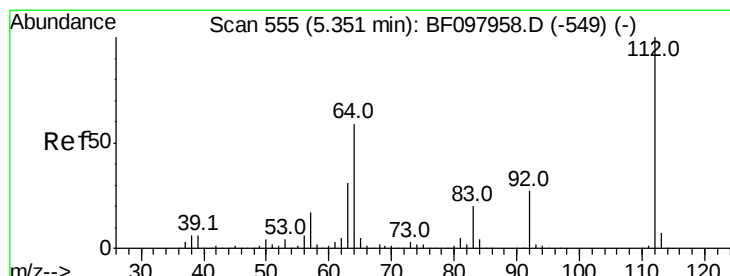
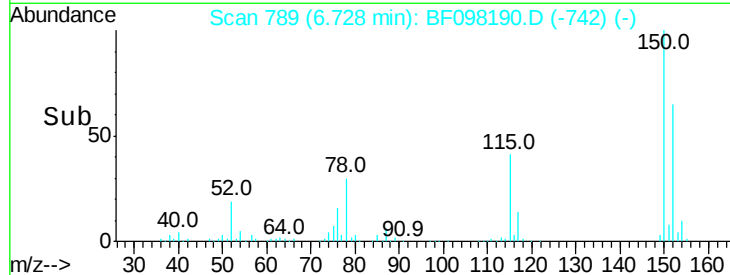
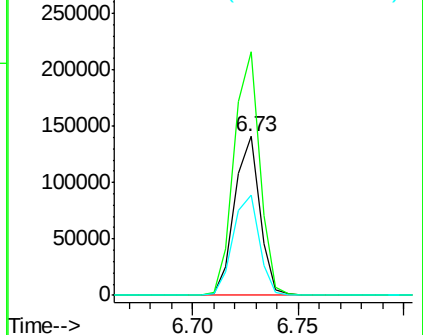
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF098190.D
 Acq: 31 Aug 2017 8:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	62.7	52.2	78.2



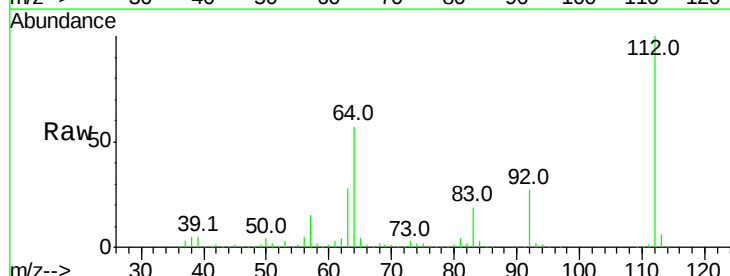
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



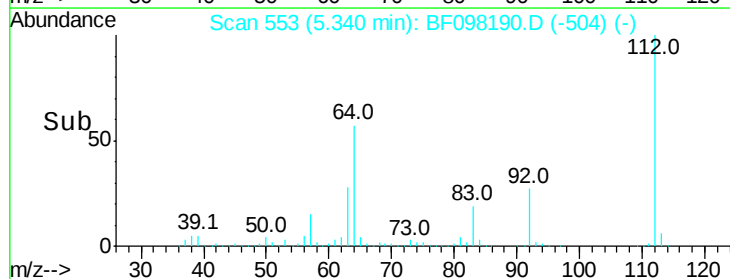
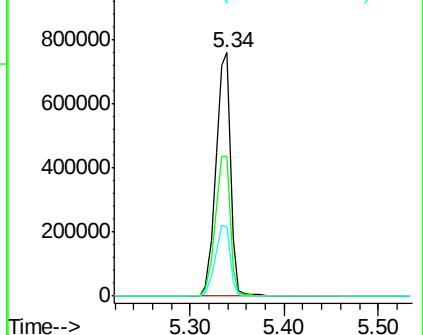
#5

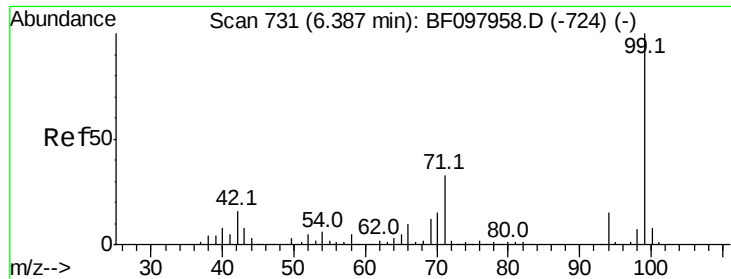
2-Fluorophenol
 Concen: 109.859 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098190.D
 Acq: 31 Aug 2017 8:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.0	69.0
63	28.4	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: 106.770 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

Instrument :

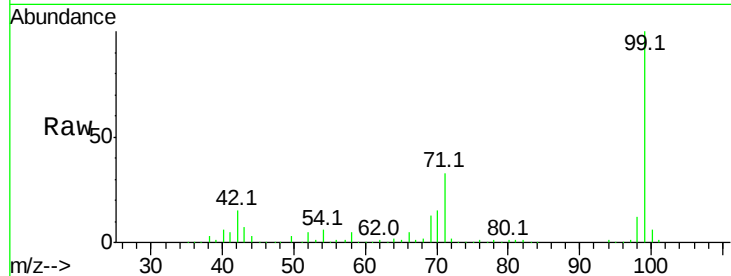
BNA_F

ClientSampleId :

SB-08-COMP

Tot Ion: 99 Resp: 1106767

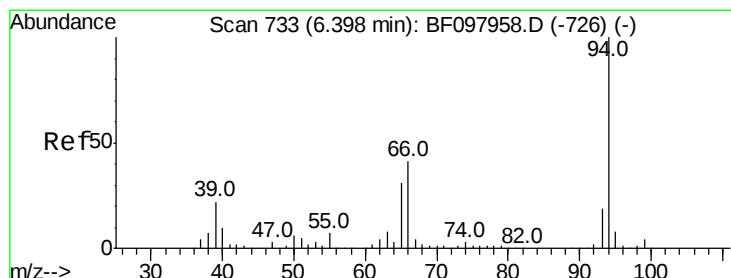
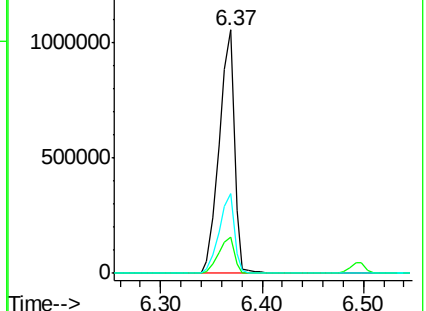
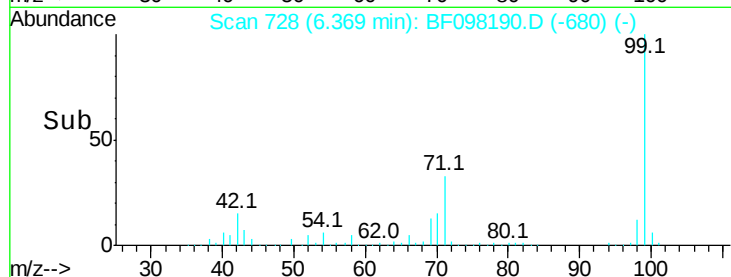
Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	32.7	24.5	36.7



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: 2.673 ng

RT: 6.37 min Scan# 729

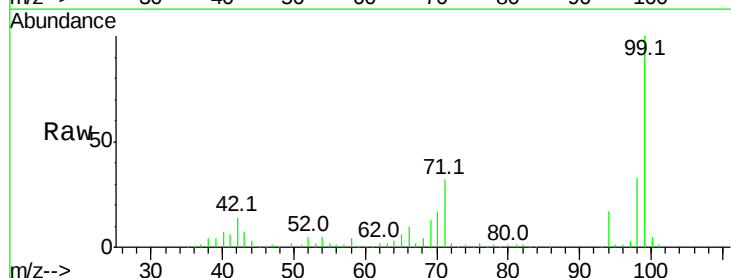
Delta R.T. -0.02 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

Tgt Ion: 94 Resp: 32408

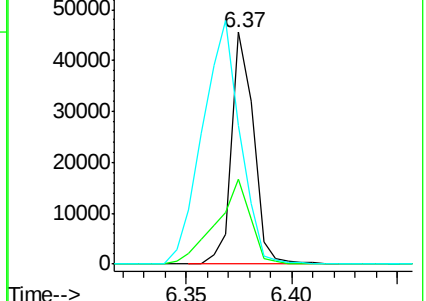
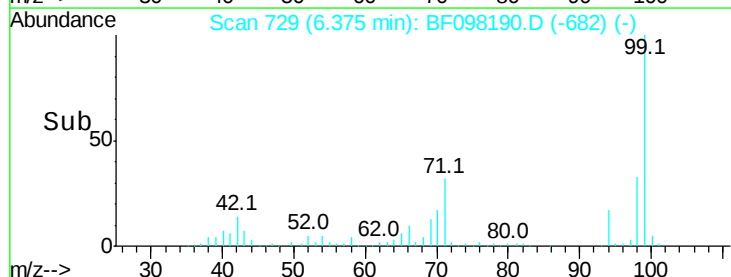
Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.9	49.9
66	59.6	23.1	63.1

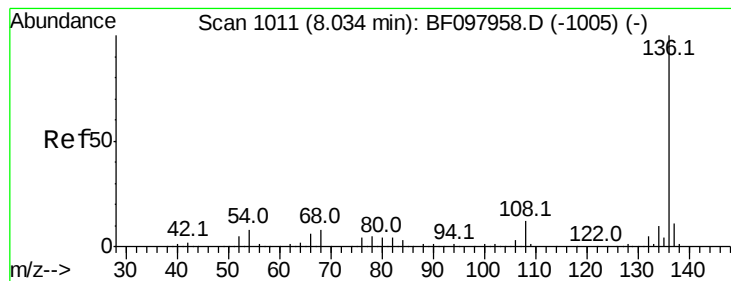


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tot Ion:136 Resp: 422198

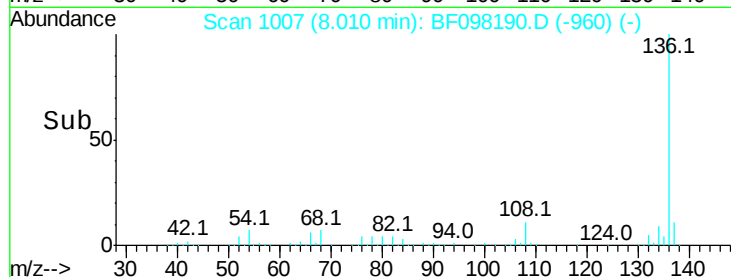
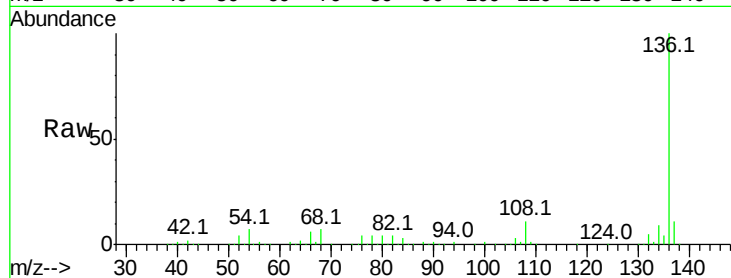
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.5 4.9 7.3#

68 7.2 4.1 6.1#

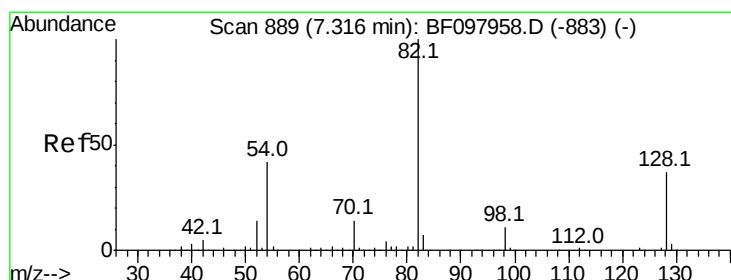
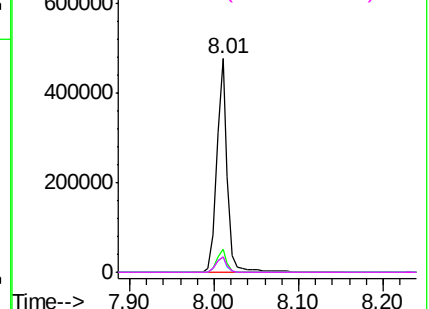


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.593 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

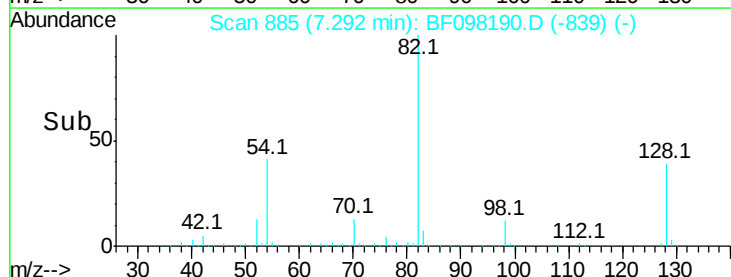
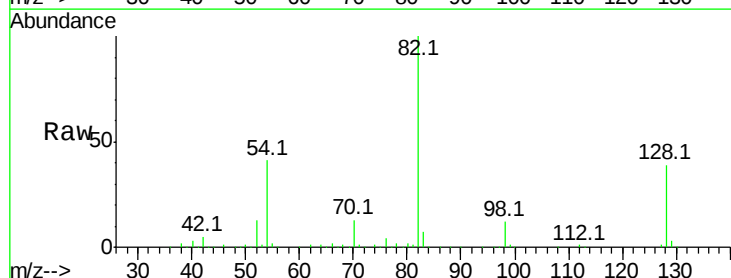
Tgt Ion: 82 Resp: 626353

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

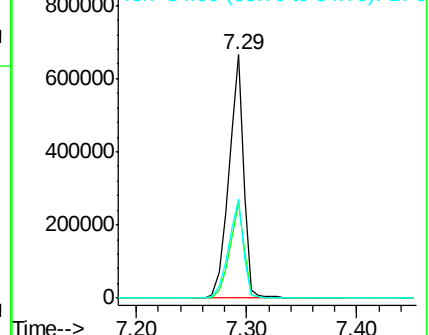
54 40.8 42.2 63.2#

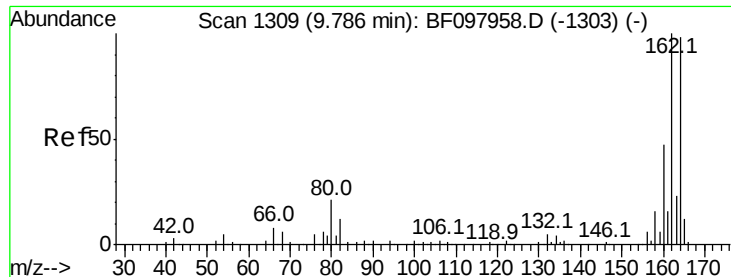


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

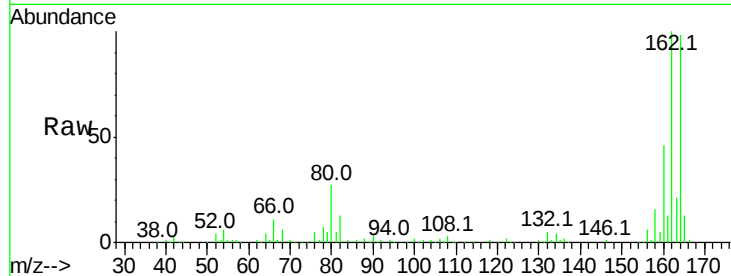




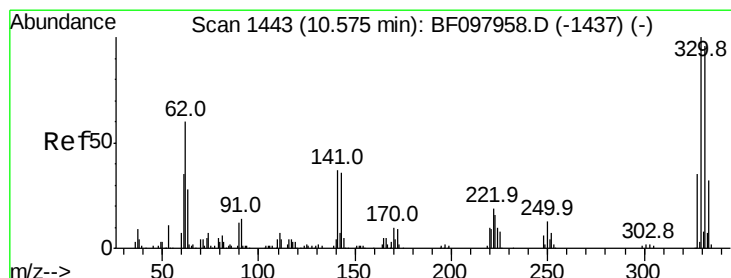
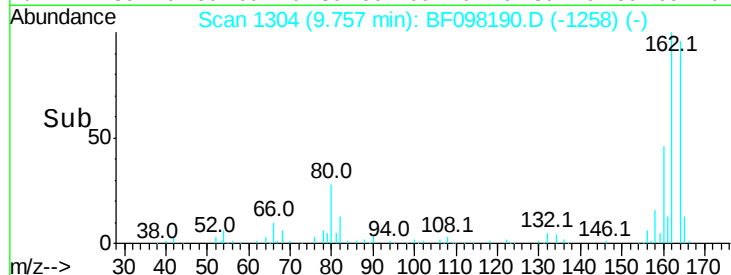
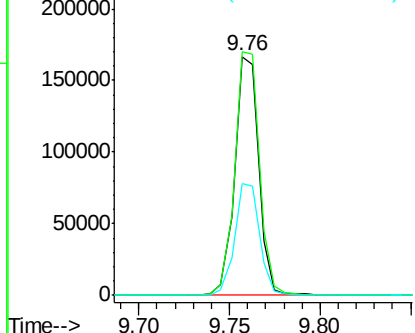
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:164 Resp: 154322
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 47.0 36.2 54.2

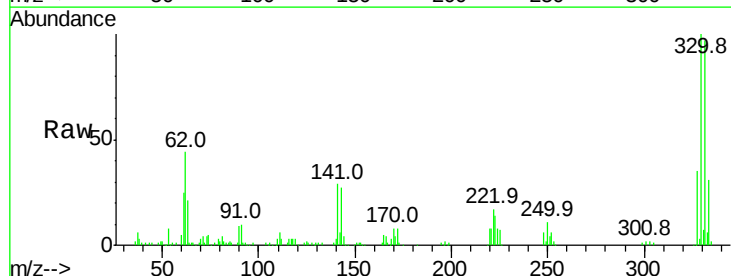


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

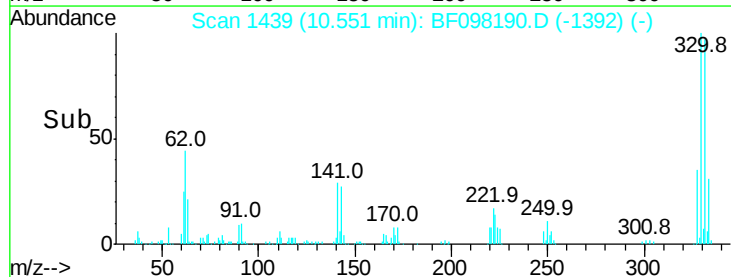
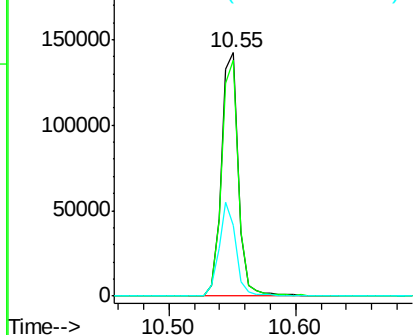


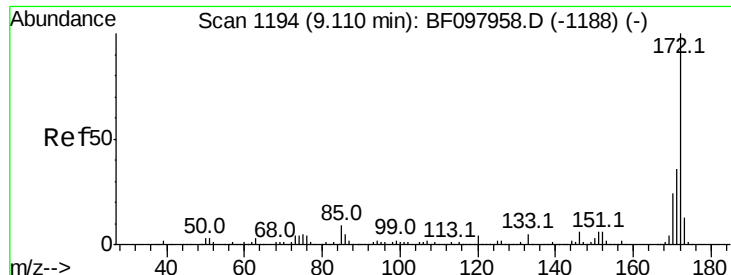
#41
2,4,6-Tribromophenol
Concen: 100.202 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:330 Resp: 134170
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 38.4 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

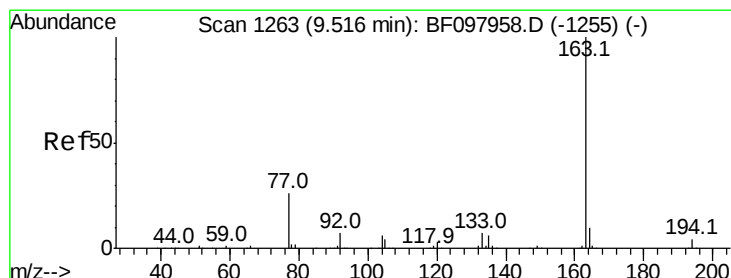
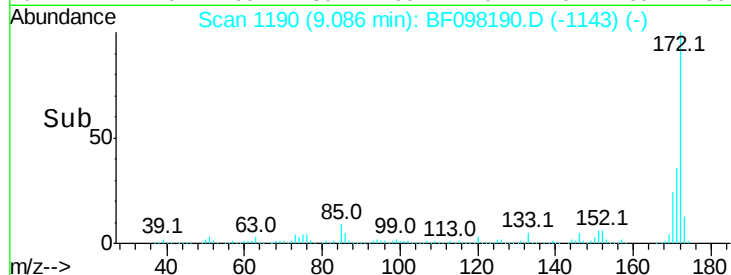
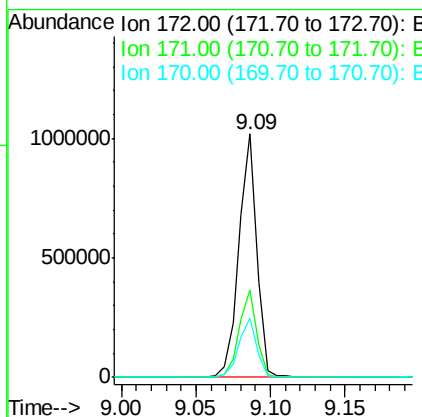
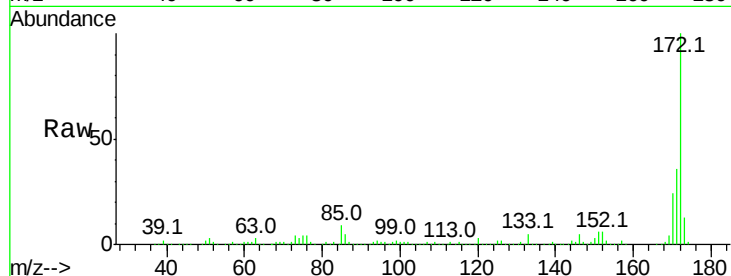




#44
2-Fluorobiphenyl
Concen: 81.727 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

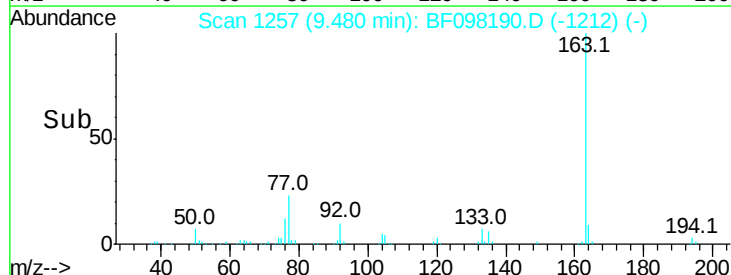
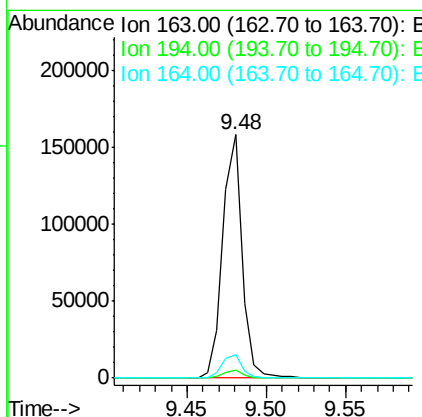
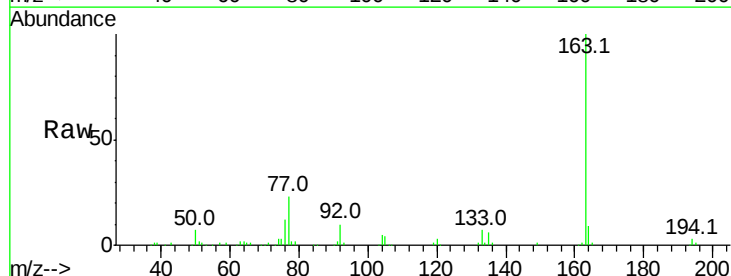
Instrument :
BNA_F
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SB-08-COMP

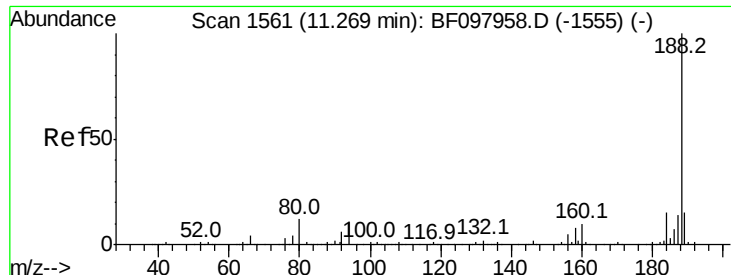
Tot Ion:172 Resp: 858440
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 11.910 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:163 Resp: 134350
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.4 8.4 12.6

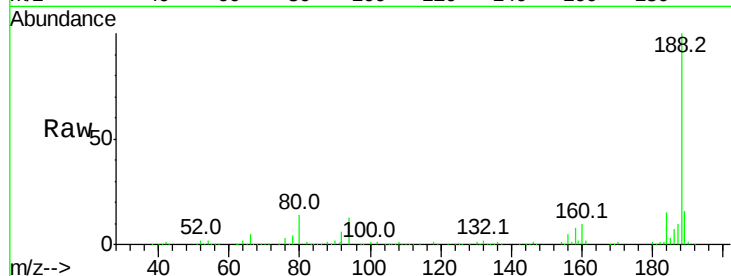




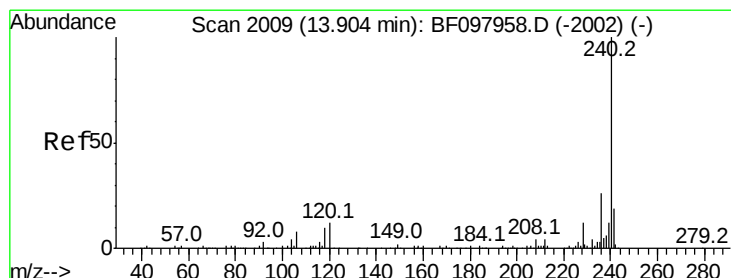
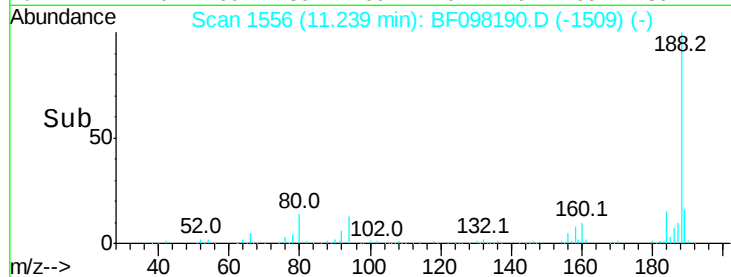
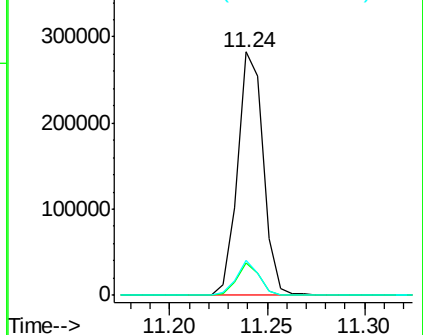
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:188 Resp: 258376
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 14.2 10.2 15.2

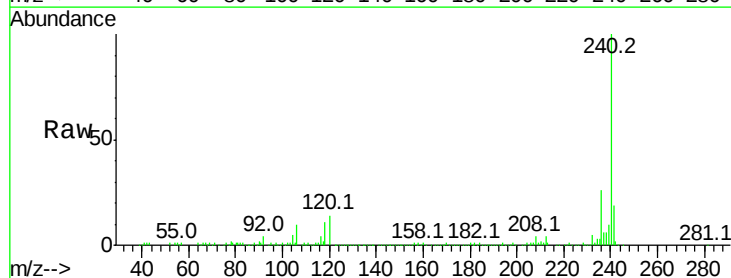


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

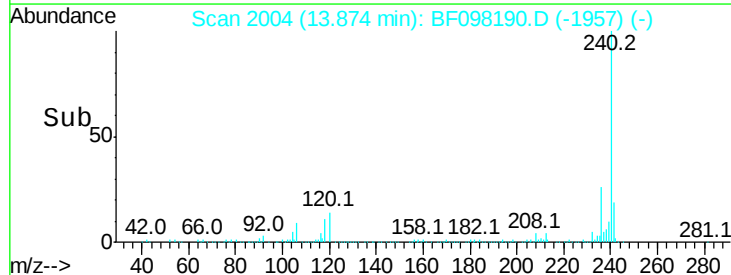
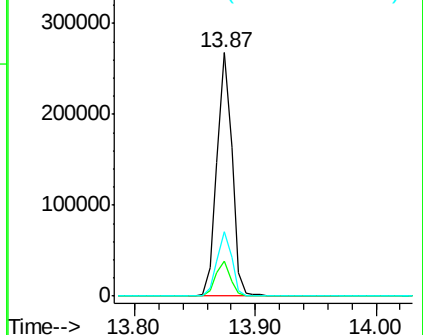


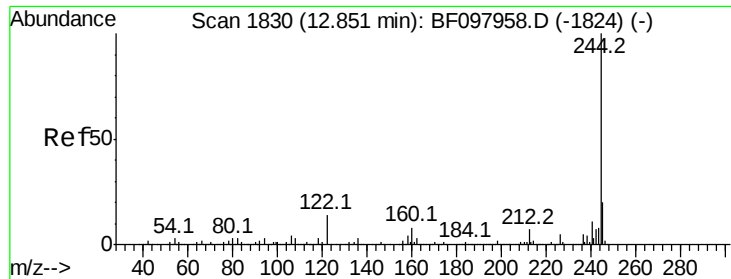
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098190.D
Acq: 31 Aug 2017 8:27

Tgt Ion:240 Resp: 229514
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 26.4 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: 59.428 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

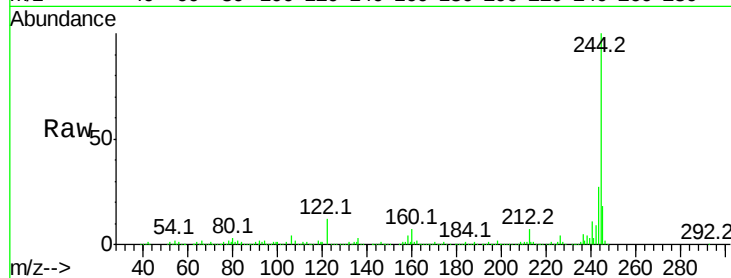
Tot Ion:244 Resp: 654065

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

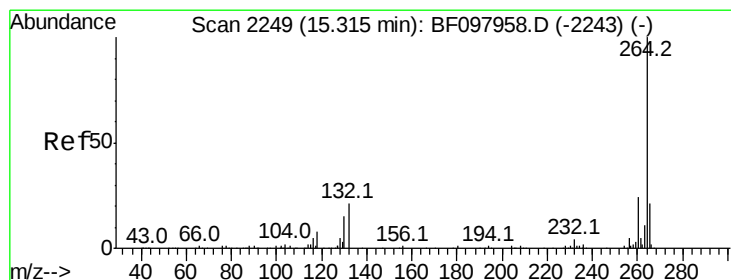
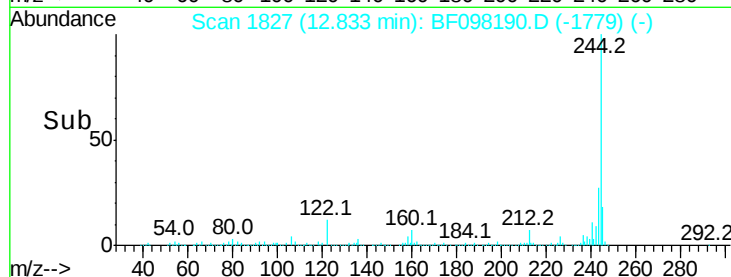
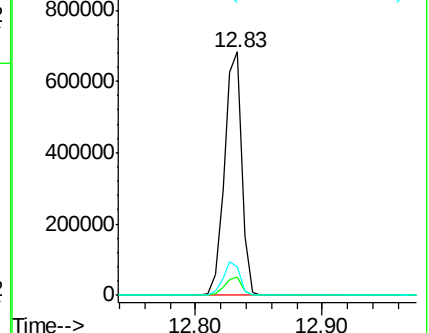
122 12.0 10.3 15.5



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: 15.29 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BF098190.D

Acq: 31 Aug 2017 8:27

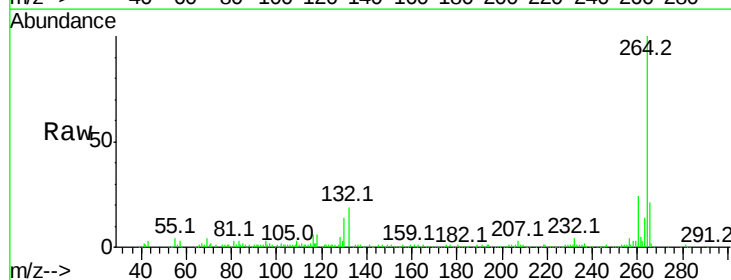
Tgt Ion:264 Resp: 152047

Ion Ratio Lower Upper

264 100

260 24.1 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

