

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097007.D
 Acq On : 25 Jul 2017 1:27
 Operator : SJ/JU
 Sample : I4360-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-3-(0-2)

Quant Time: Jul 25 03:39:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

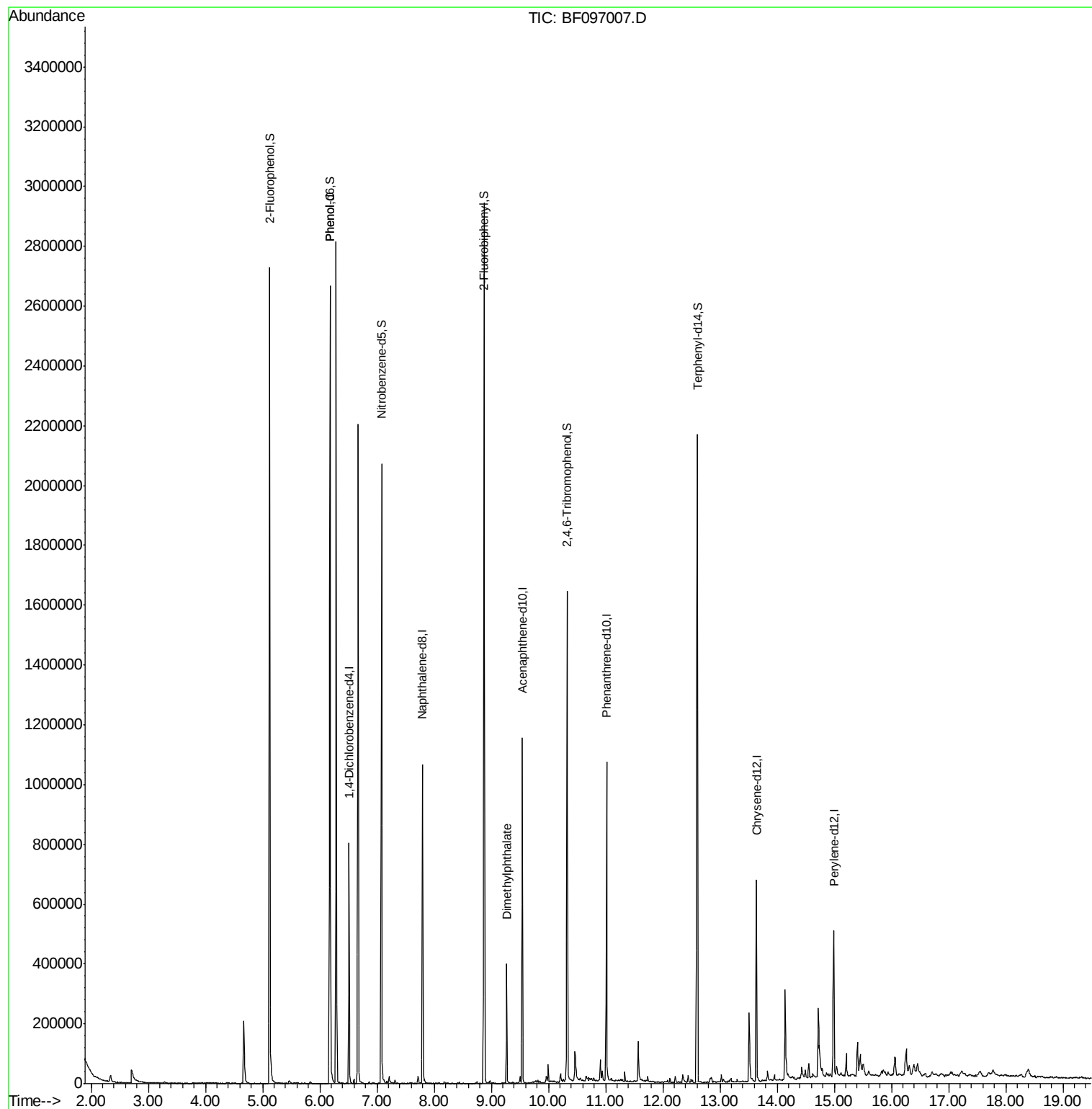
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	120029	20.00	ng	-0.03
21) Naphthalene-d8	7.79	136	509108	20.00	ng	-0.04
38) Acenaphthene-d10	9.54	164	216882	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	363379	20.00	ng	-0.04
75) Chrysene-d12	13.64	240	239685	20.00	ng	-0.04
86) Perylene-d12	14.99	264	196200	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	787811	98.69	ng	-0.03
7) Phenol-d6	6.18	99	962025	100.42	ng	-0.04
23) Nitrobenzene-d5	7.08	82	643964	78.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	185801	100.36	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	951464	69.31	ng	-0.04
78) Terphenyl-d14	12.60	244	743383	53.79	ng	-0.03
Target Compounds						
10) Phenol	6.19	94	36728	3.392	ng	89
49) Dimethylphthalate	9.27	163	154262	9.446	ng	100

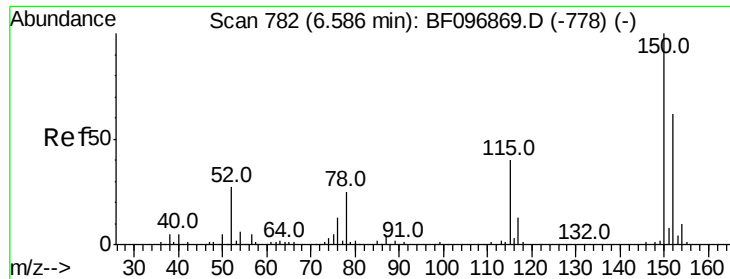
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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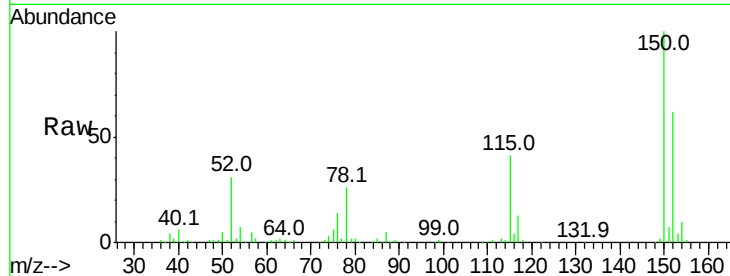


#1

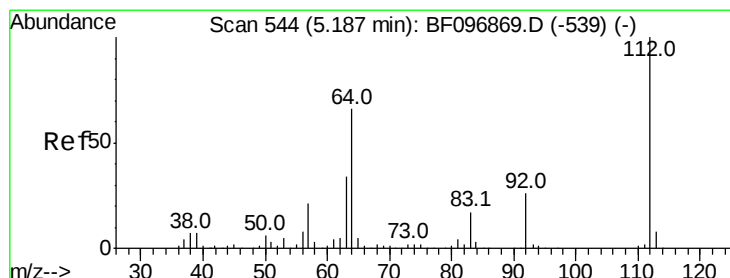
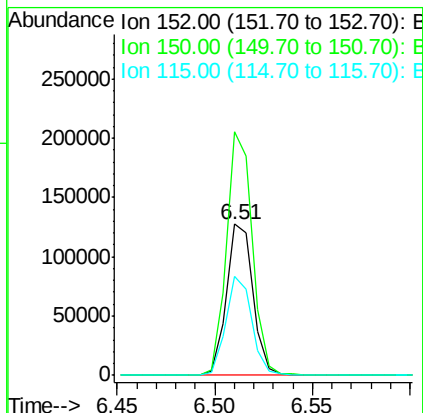
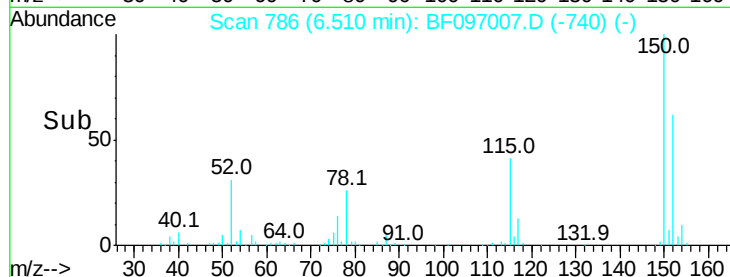
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :
 295-N-3-(0-2)

Tot Ion:152 Resp: 120029
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.2 189.2
 115 65.6 52.2 78.2



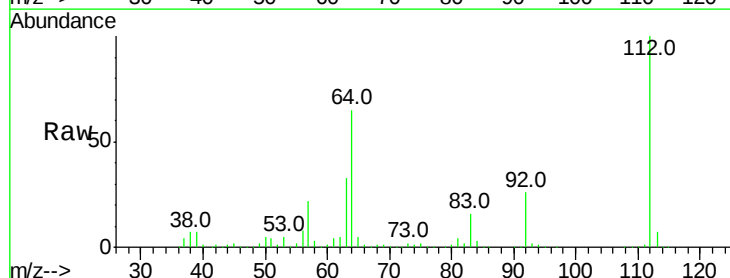
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



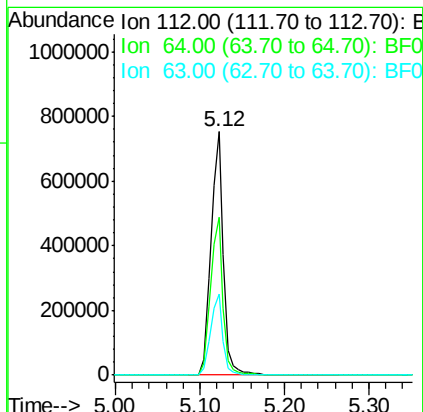
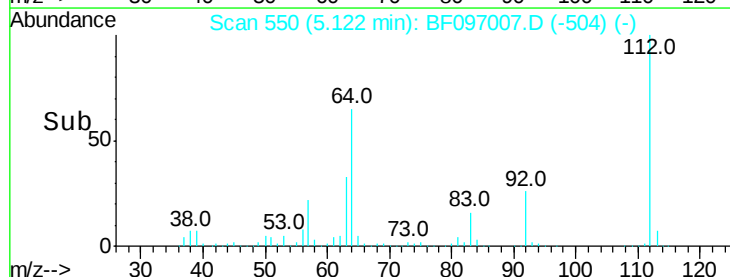
#5

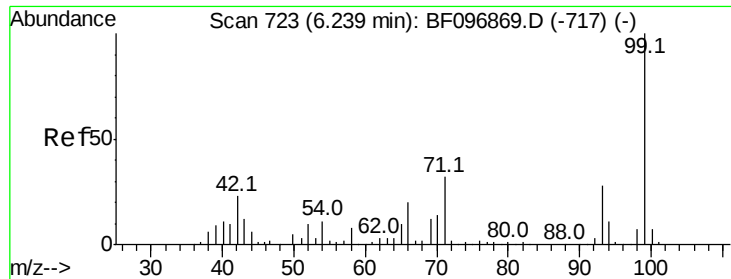
2-Fluorophenol
 Concen: 98.688 ng
 RT: 5.12 min Scan# 550
 Delta R.T. -0.03 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Tgt Ion:112 Resp: 787811
 Ion Ratio Lower Upper
 112 100
 64 64.7 46.0 69.0
 63 33.4 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: 100.424 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

Instrument :

BNA_F

ClientSampleId :

295-N-3-(0-2)

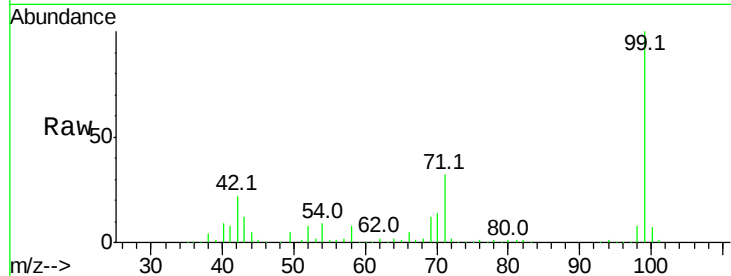
Tot Ion: 99 Resp: 962025

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

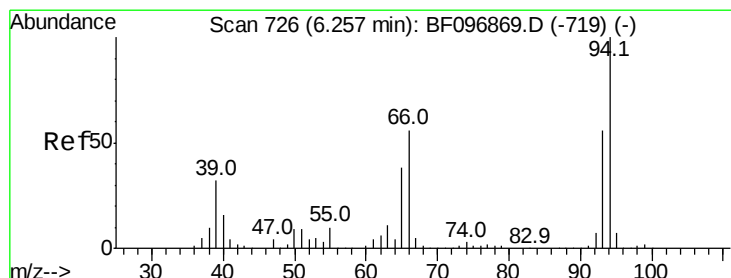
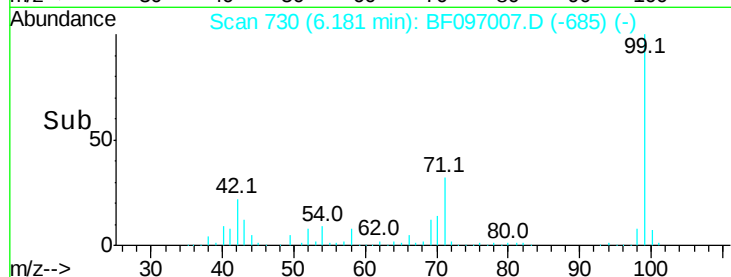
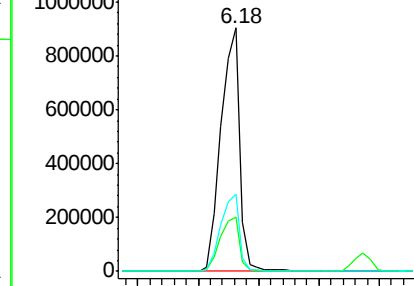
71 31.9 24.5 36.7



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: 3.392 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

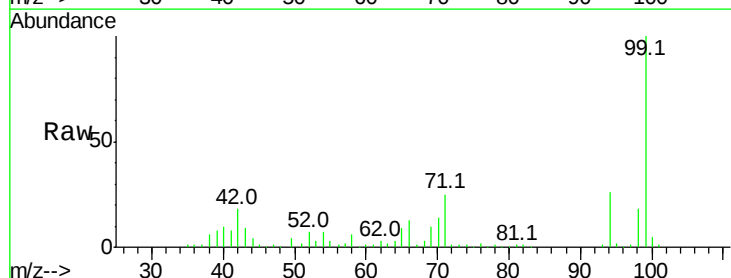
Tgt Ion: 94 Resp: 36728

Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

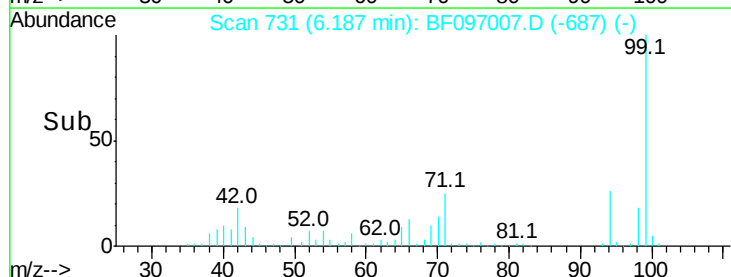
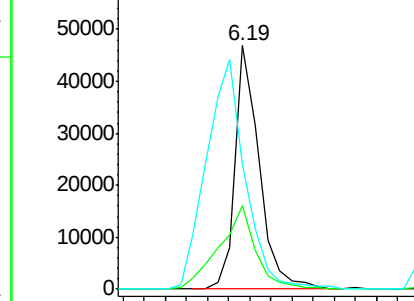
66 51.4 23.1 63.1

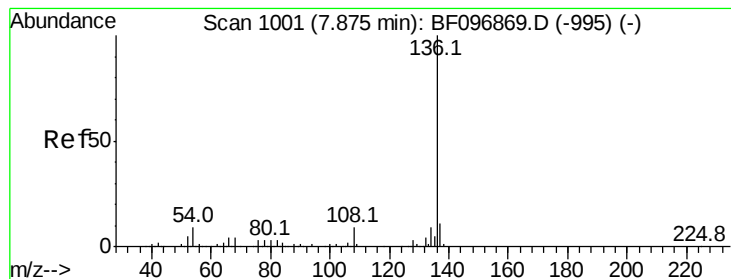


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.79 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

Instrument :

BNA_F

ClientSampleId :

295-N-3-(0-2)

Tot Ion:136 Resp: 509108

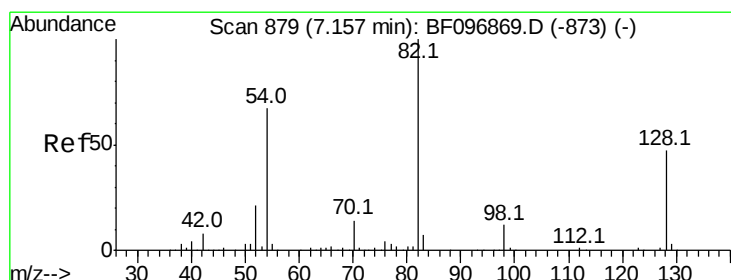
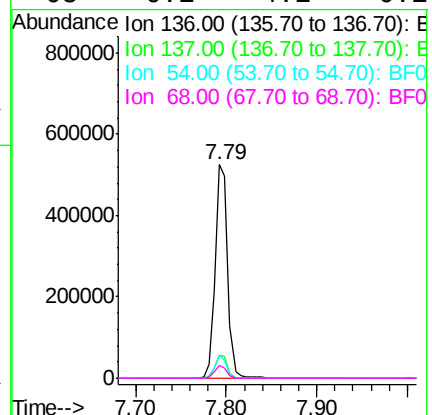
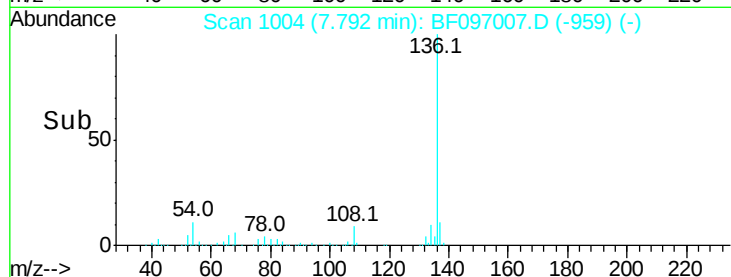
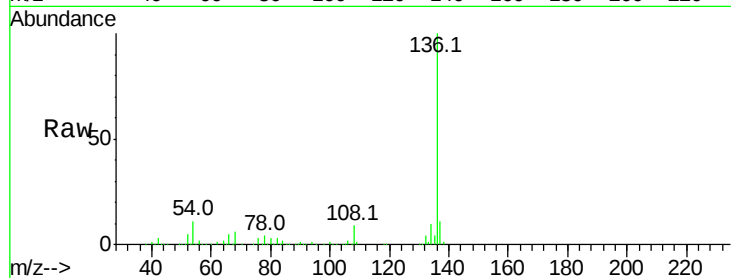
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.0 4.9 7.3#

68 6.1 4.1 6.1



#23

Nitrobenzene-d5

Concen: 78.348 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

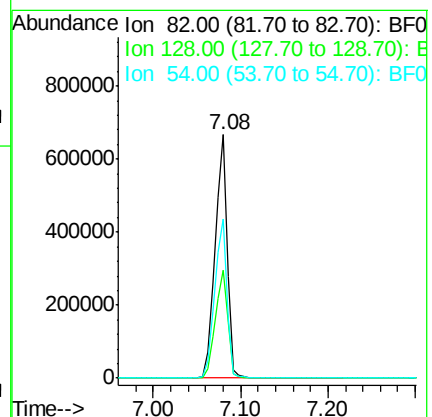
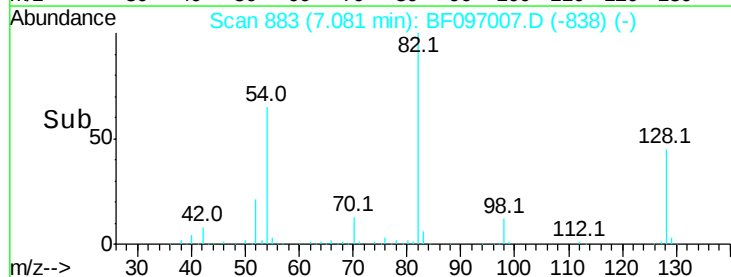
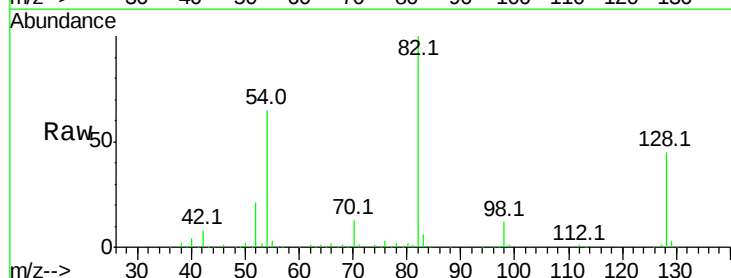
Tgt Ion: 82 Resp: 643964

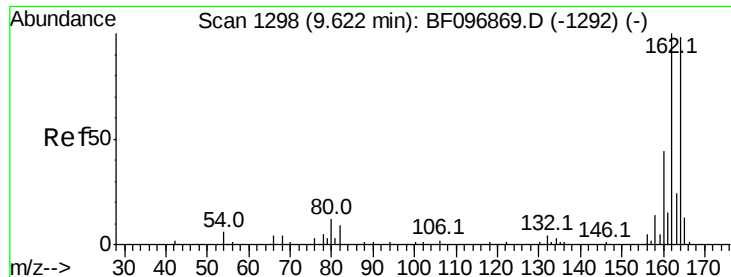
Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

54 65.4 42.2 63.2#

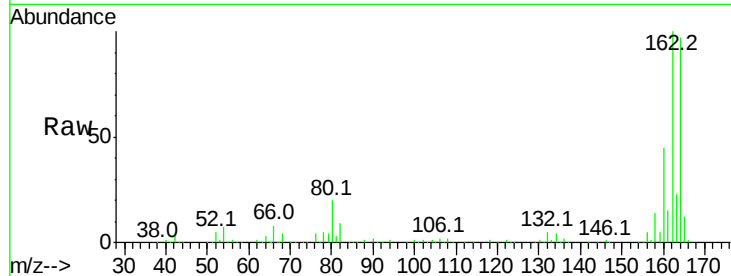




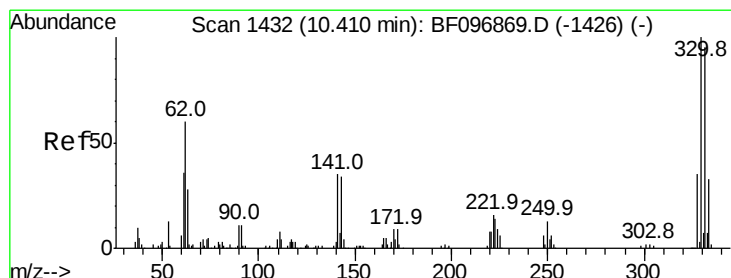
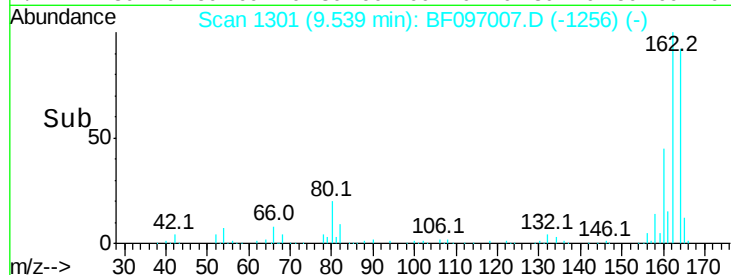
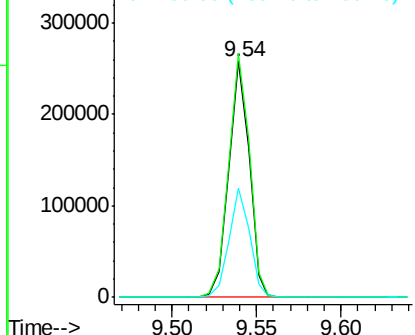
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :
 295-N-3-(0-2)

Tot Ion:164 Resp: 216882
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.6 123.8
 160 46.4 36.2 54.2

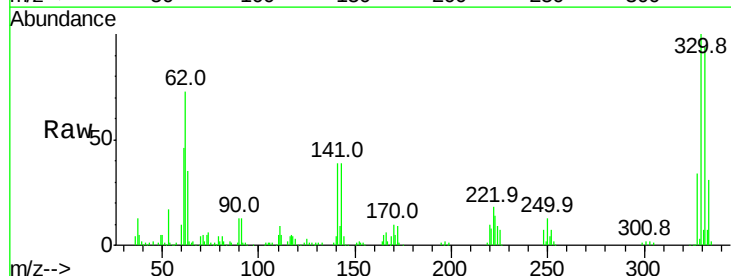


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

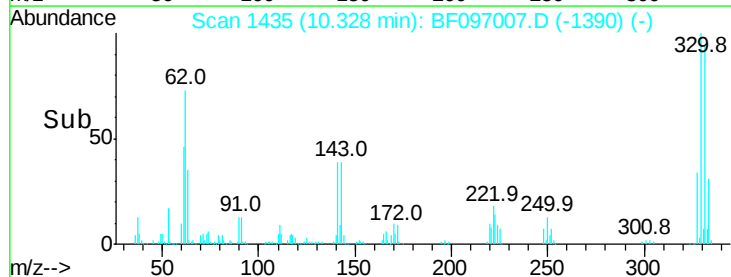
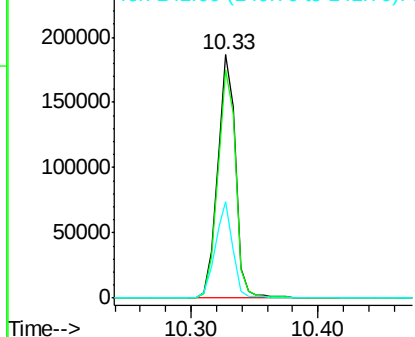


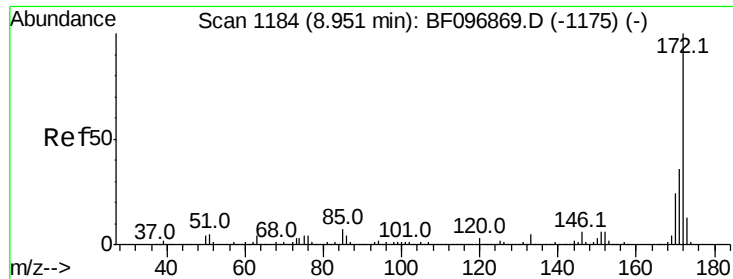
#41
 2,4,6-Tribromophenol
 Concen: 100.364 ng
 RT: 10.33 min Scan# 1435
 Delta R.T. -0.04 min
 Lab File: BF097007.D
 Acq: 25 Jul 2017 1:27

Tgt Ion:330 Resp: 185801
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.0 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

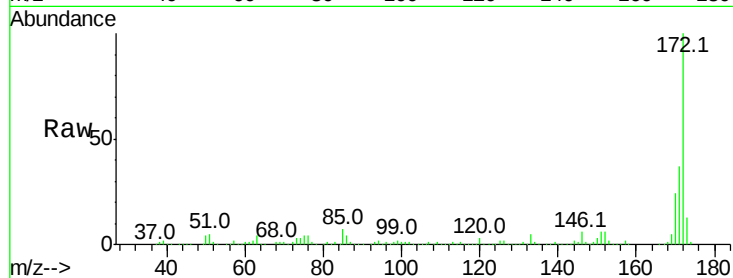




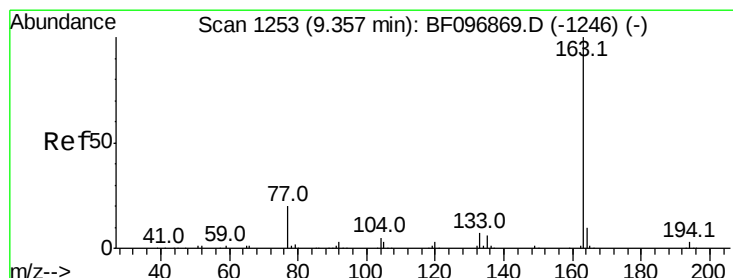
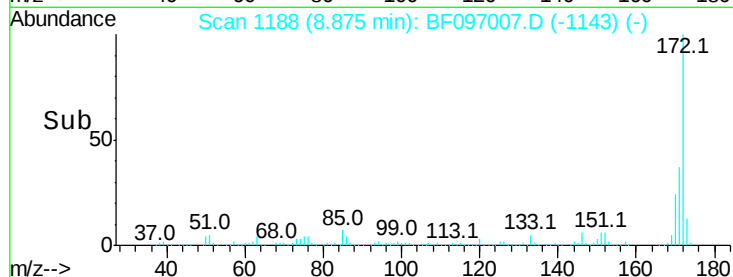
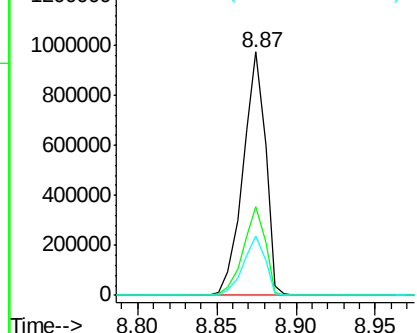
#44
2-Fluorobiphenyl
Concen: 69.311 ng
RT: 8.87 min Scan# 1188
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Instrument :
BNA_F
ClientSampleId :
295-N-3-(0-2)

Tot Ion:172 Resp: 951464
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.4 19.8 29.8

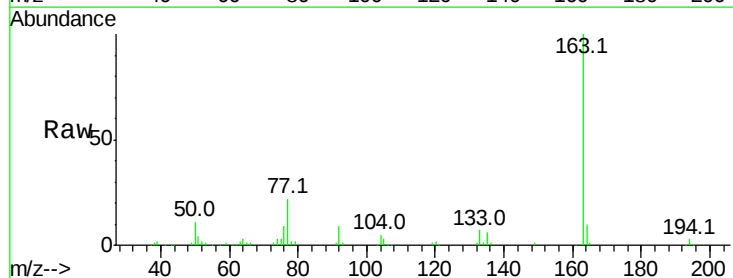


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

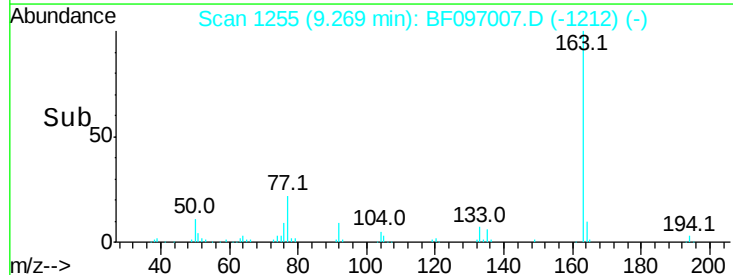
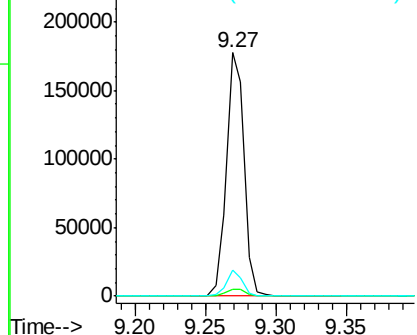


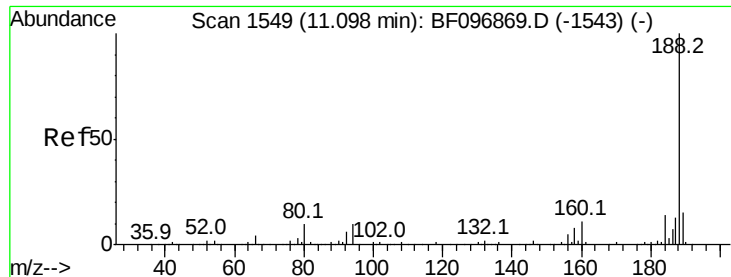
#49
Dimethylphthalate
Concen: 9.446 ng
RT: 9.27 min Scan# 1255
Delta R.T. -0.05 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:163 Resp: 154262
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.5 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

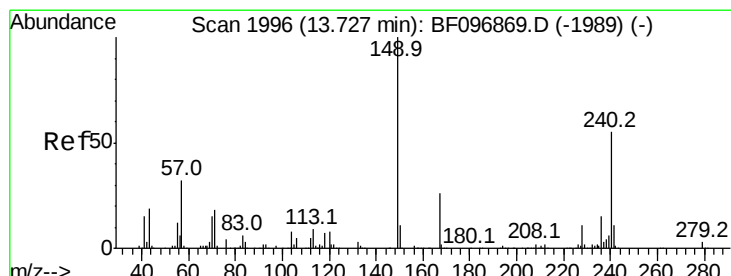
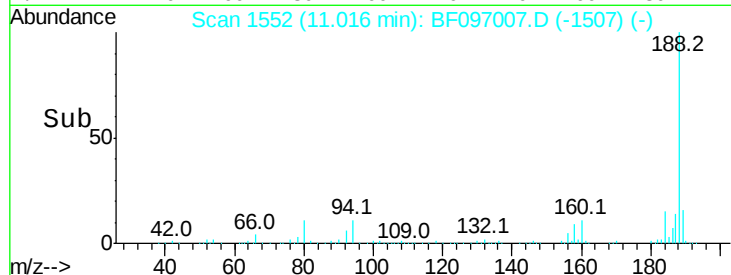
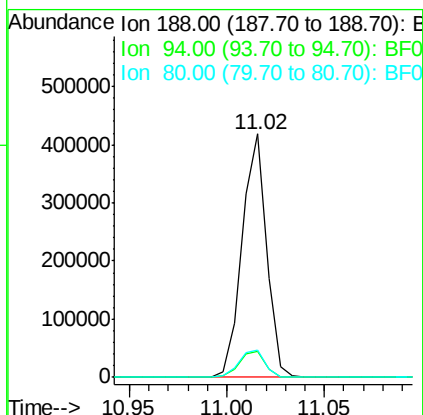
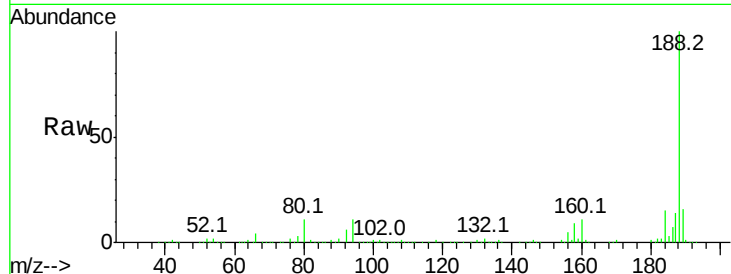




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

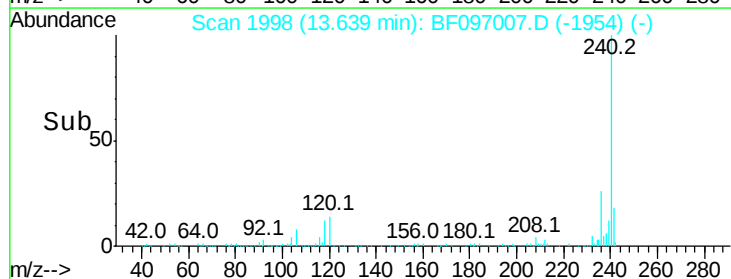
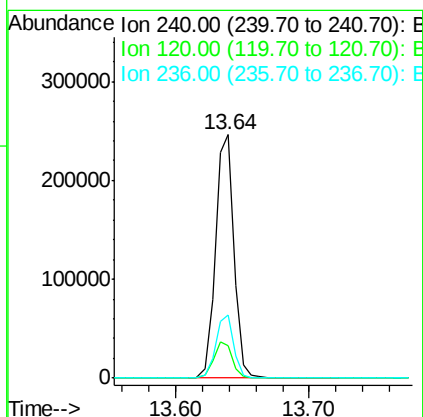
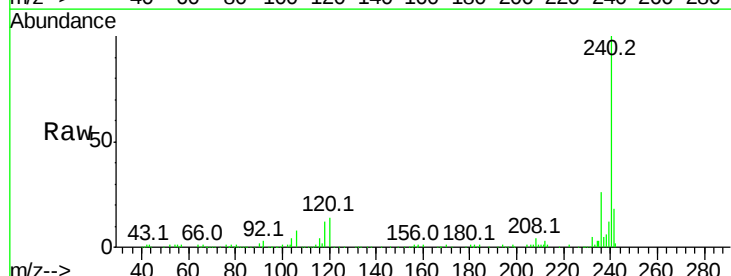
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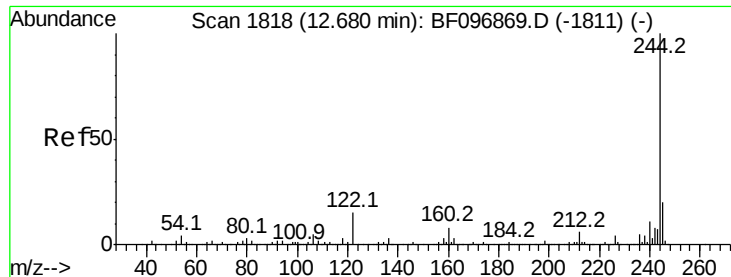
Tot Ion:188 Resp: 363379
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.04 min
Lab File: BF097007.D
Acq: 25 Jul 2017 1:27

Tgt Ion:240 Resp: 239685
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 25.8 20.5 30.7





#78

Terphenyl-d14

Concen: 53.788 ng

RT: 12.60 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

Instrument :

BNA_F

ClientSampleId :

295-N-3-(0-2)

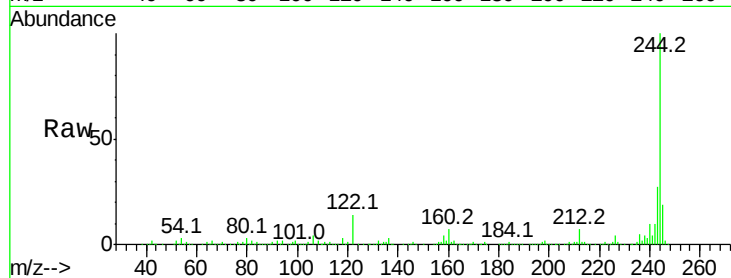
Tot Ion:244 Resp: 743383

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

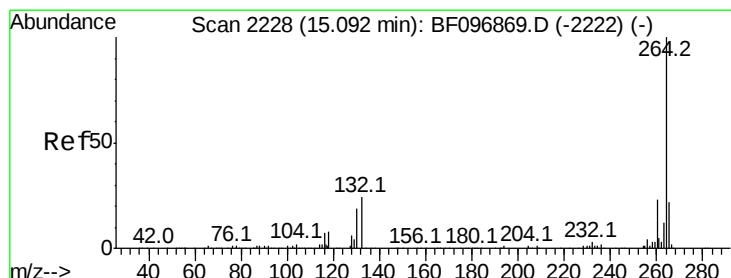
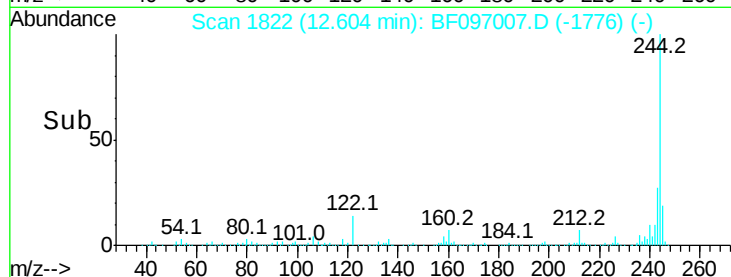
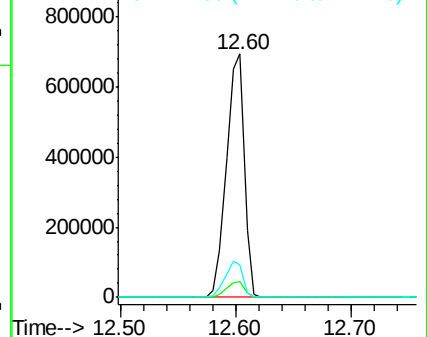
122 13.5 10.3 15.5



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: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF097007.D

Acq: 25 Jul 2017 1:27

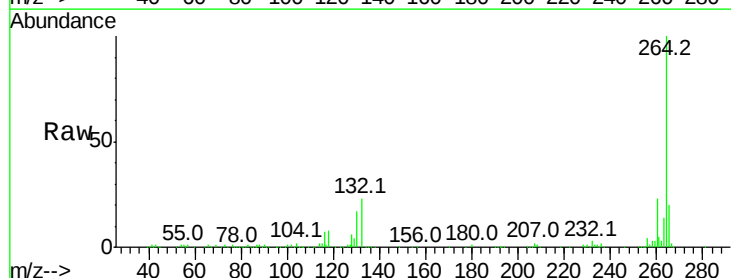
Tgt Ion:264 Resp: 196200

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 19.9 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

