

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011257.D
 Acq On : 16 Aug 2017 16:25
 Operator : SJ/JU
 Sample : I4798-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-6-COMP

Quant Time: Aug 17 03:38:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

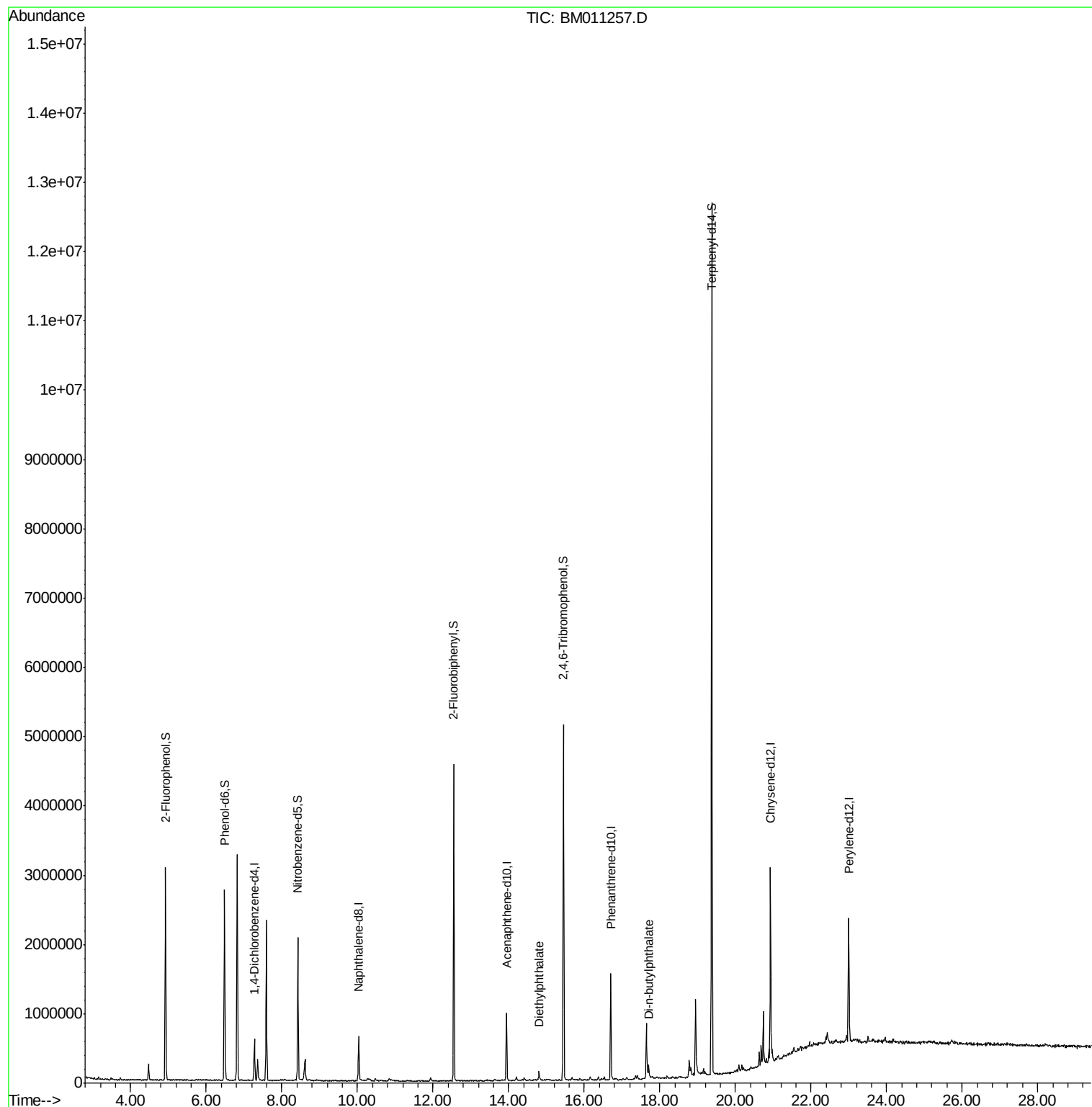
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	99613	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	354648	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	257793	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	755151	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1287730	20.00	ng	-0.02
86) Perylene-d12	23.00	264	1195003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	769163	130.53	ng	-0.01
7) Phenol-d6	6.48	99	1004877	120.02	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1110672	117.54	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	627987	151.99	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1841736	89.60	ng	-0.01
78) Terphenyl-d14	19.37	244	4732622	72.80	ng	-0.01
Target Compounds						
59) Diethylphthalate	14.80	149	60032	2.665	ng	Qvalue 97
73) Di-n-butylphthalate	17.71	149	100240	2.387	ng	# 93

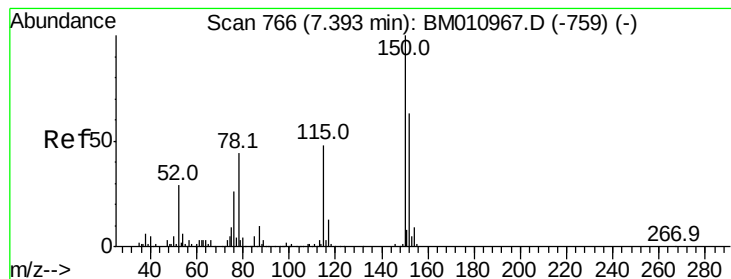
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.27 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

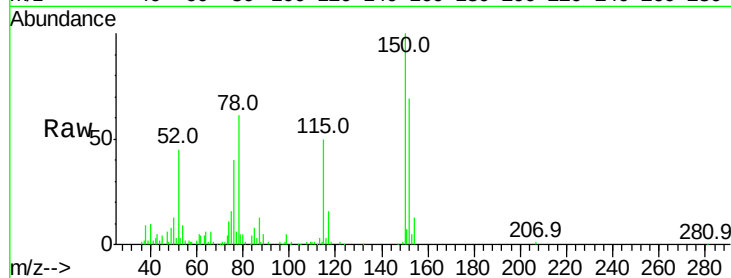
Tot Ion:152 Resp: 99613

Ion Ratio Lower Upper

152 100

150 145.6 119.5 179.3

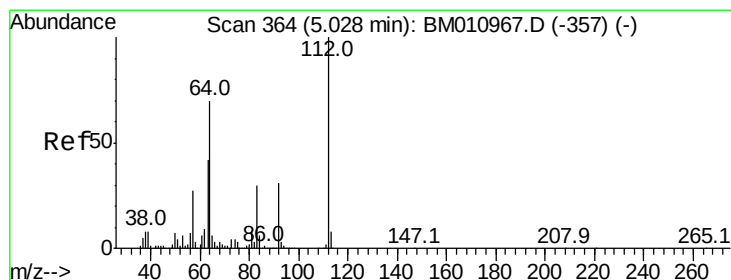
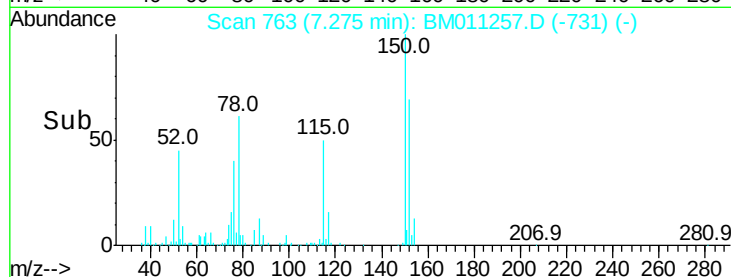
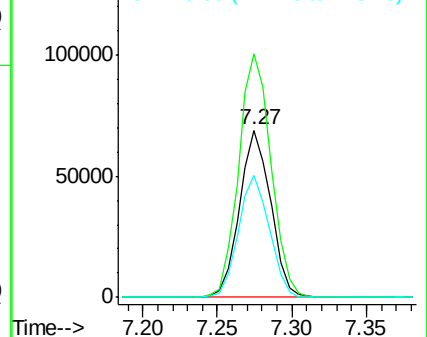
115 73.3 43.0 64.4#



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: 130.527 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

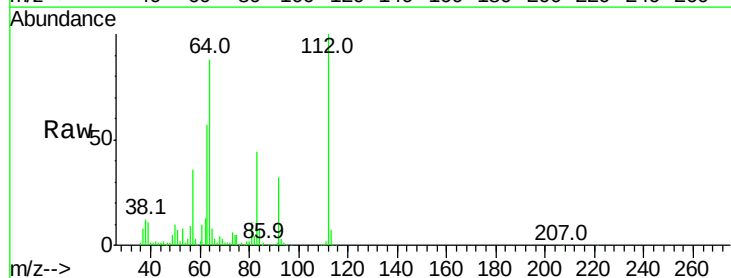
Tgt Ion:112 Resp: 769163

Ion Ratio Lower Upper

112 100

64 87.8 38.6 57.8#

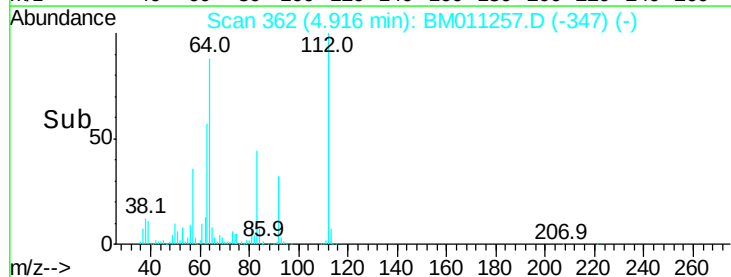
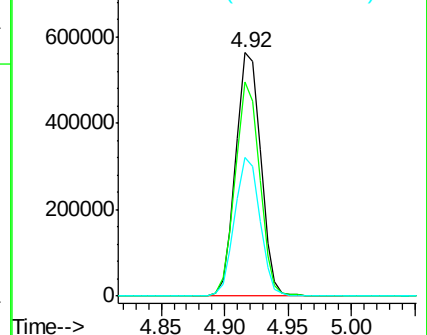
63 57.1 19.3 28.9#

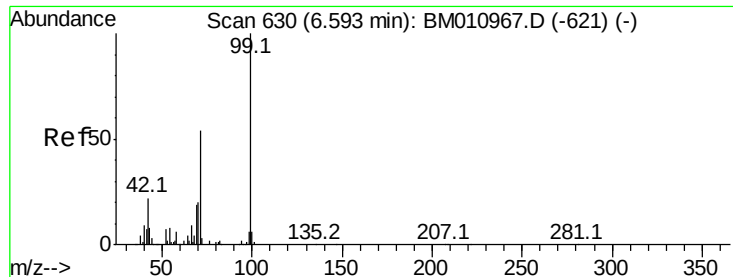


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 120.021 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

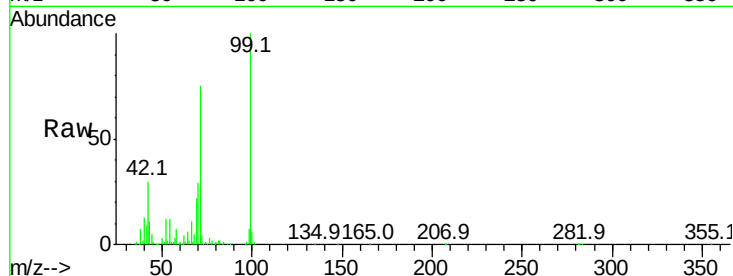
Tot Ion: 99 Resp: 1004877

Ion Ratio Lower Upper

99 100

42 29.6 11.0 16.4#

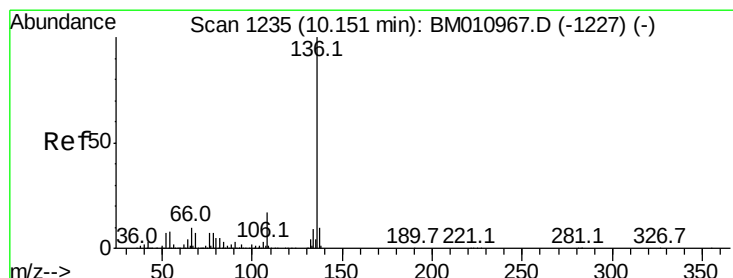
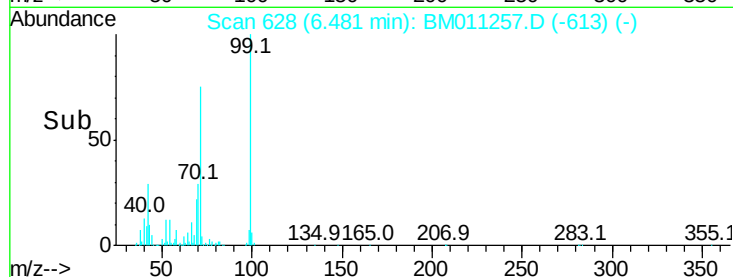
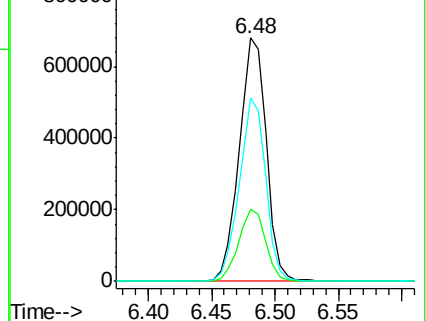
71 75.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011257.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011257.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011257.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Tgt Ion: 136 Resp: 354648

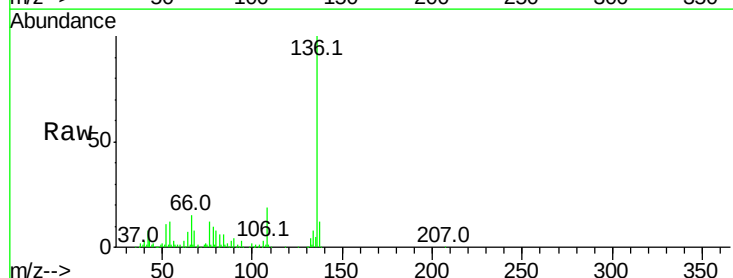
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 12.0 4.6 6.8#

68 7.7 3.7 5.5#

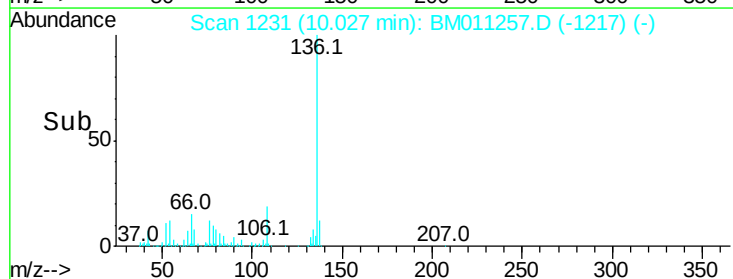
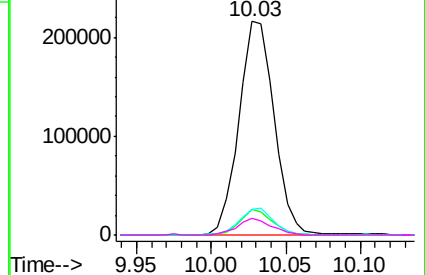


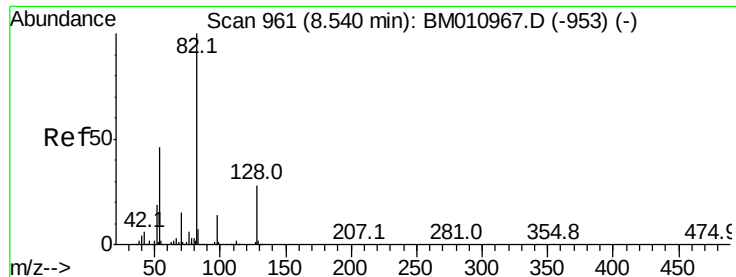
Abundance Ion 136.00 (135.70 to 136.70): BM011257.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011257.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011257.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011257.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 117.540 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

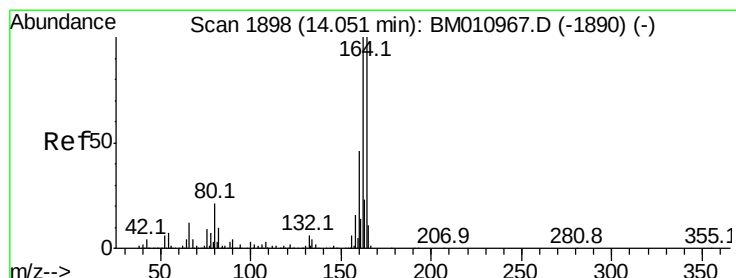
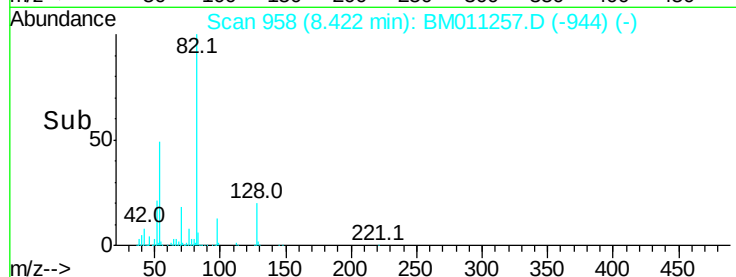
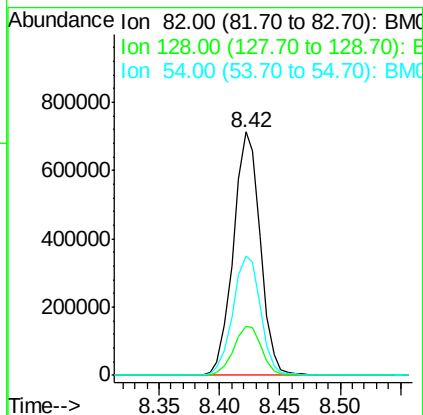
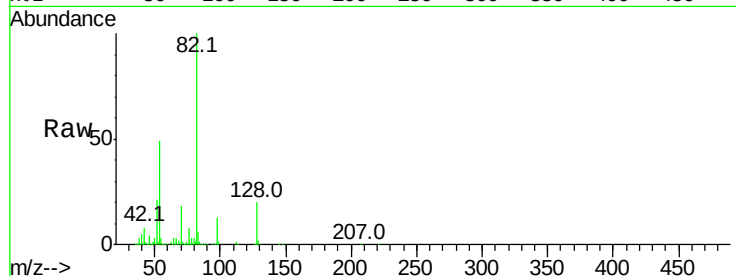
Tot Ion: 82 Resp: 1110672

Ion Ratio Lower Upper

82 100

128 20.3 32.8 49.2#

54 49.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

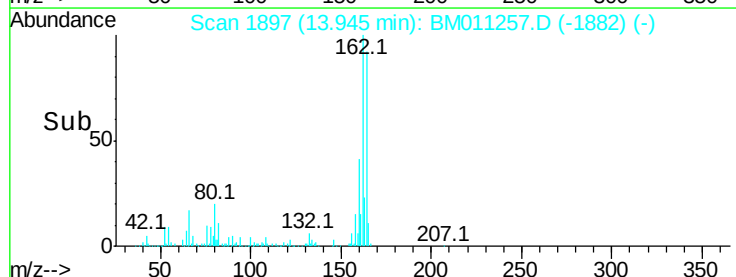
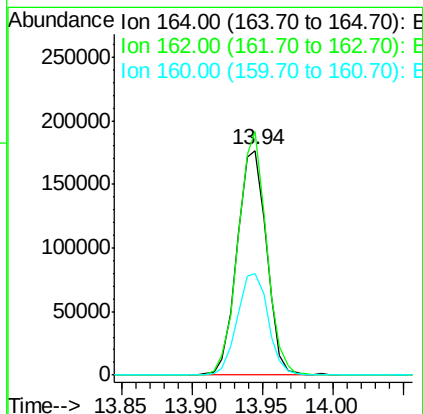
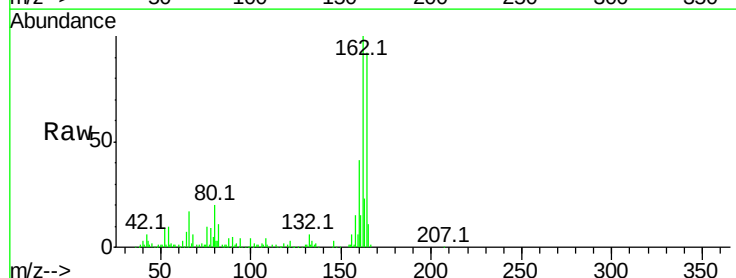
Tgt Ion: 164 Resp: 257793

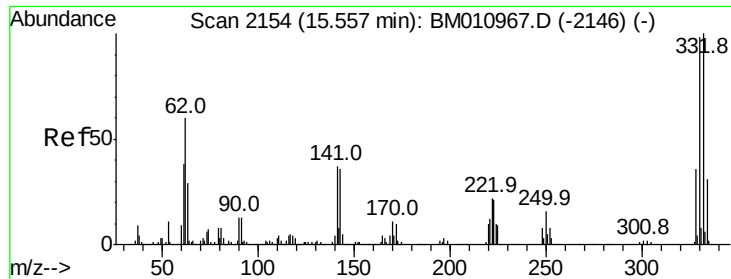
Ion Ratio Lower Upper

164 100

162 108.5 82.4 123.6

160 45.0 35.8 53.6

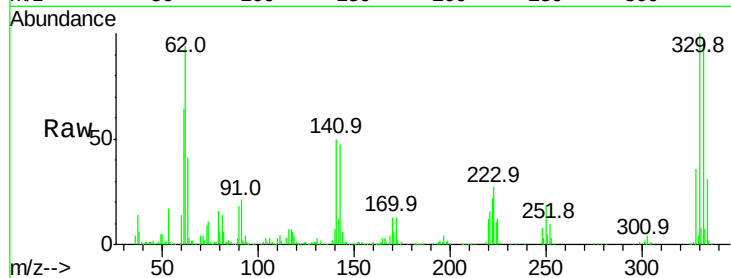




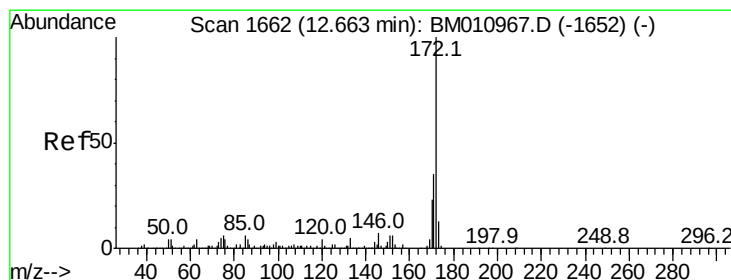
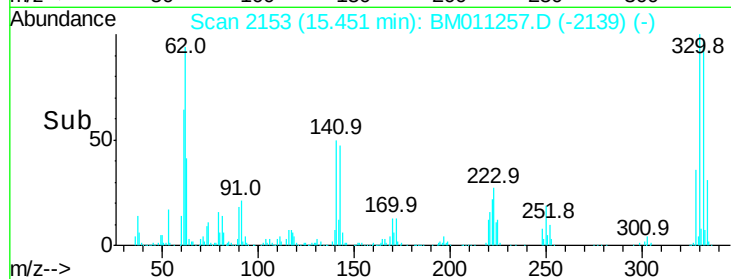
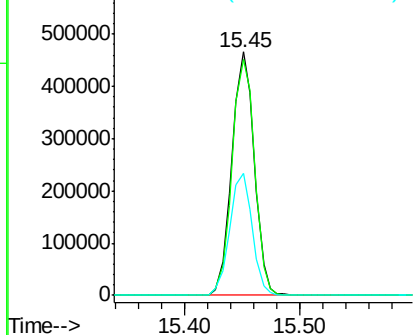
#41
 2,4,6-Tribromophenol
 Concen: 151.986 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011257.D
 Acq: 16 Aug 2017 16:25

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-6-COMP

Tot Ion:330 Resp: 627987
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 50.1 0.0 0.0#

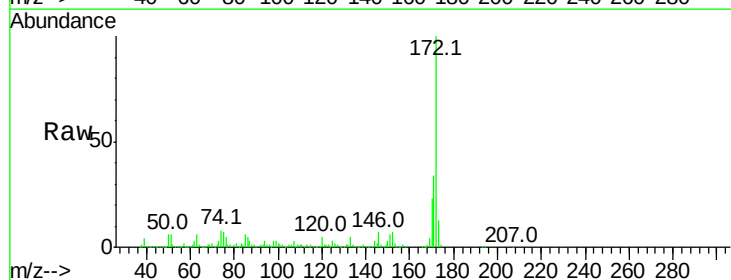


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

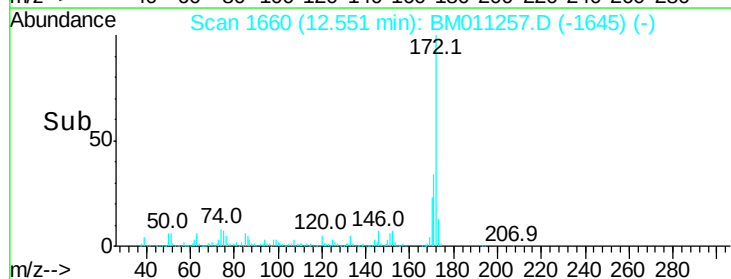
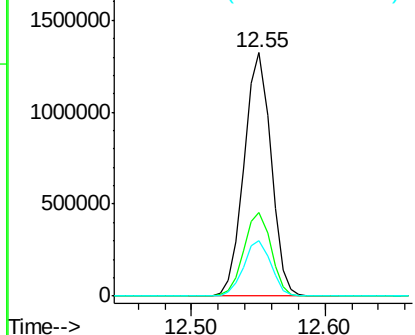


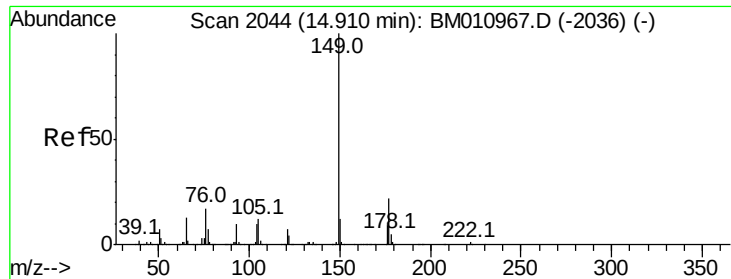
#44
 2-Fluorobiphenyl
 Concen: 89.599 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011257.D
 Acq: 16 Aug 2017 16:25

Tgt Ion:172 Resp: 1841736
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 22.9 18.8 28.2



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





#59

Diethylphthalate

Concen: 2.665 ng

RT: 14.80 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

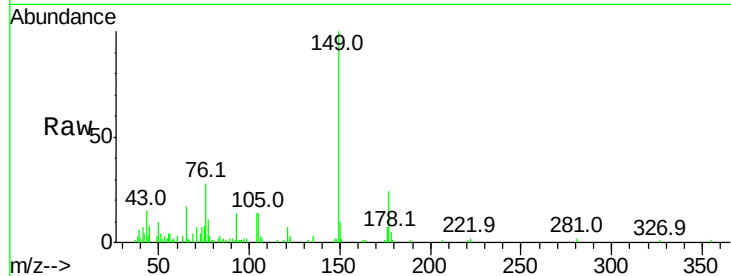
Tot Ion:149 Resp: 60032

Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

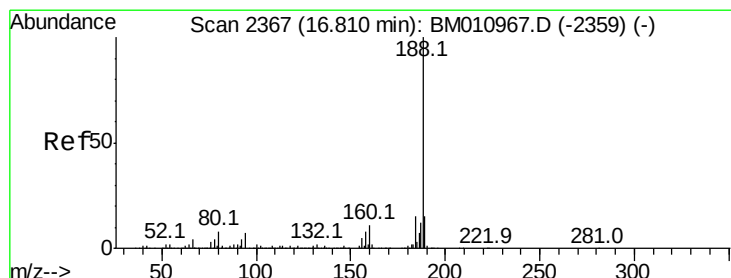
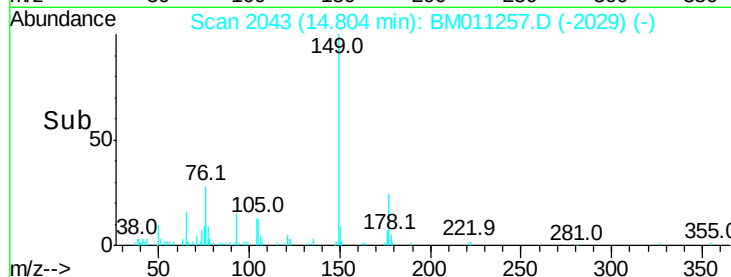
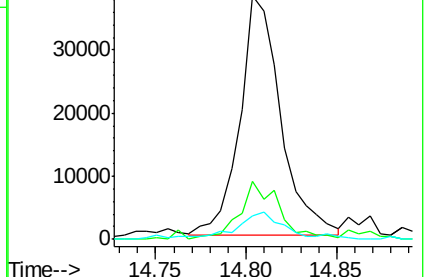
150 9.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

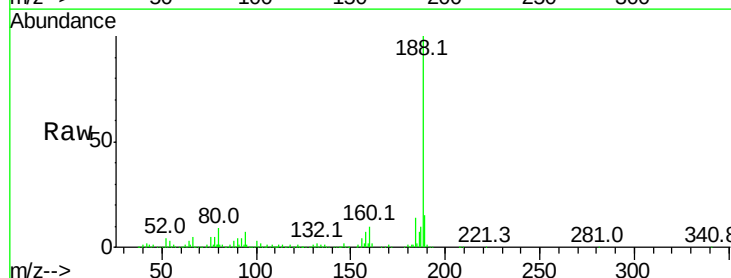
Tgt Ion:188 Resp: 755151

Ion Ratio Lower Upper

188 100

94 6.5 8.7 13.1#

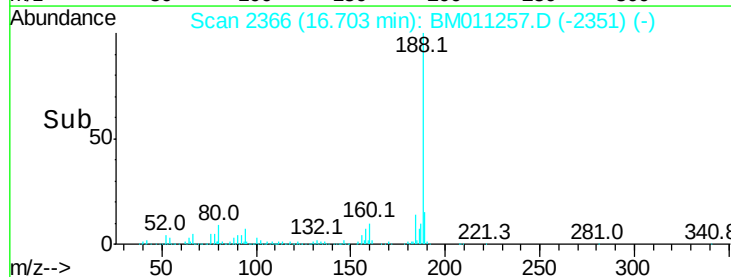
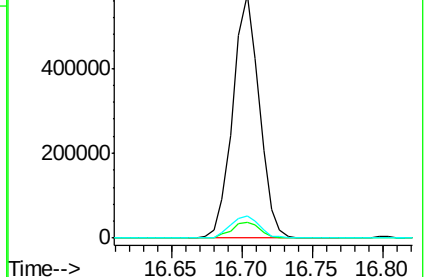
80 9.2 9.3 13.9#

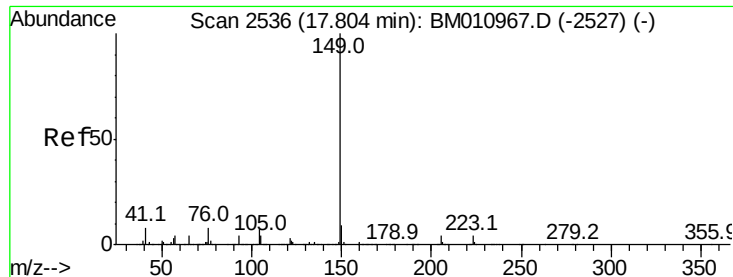


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

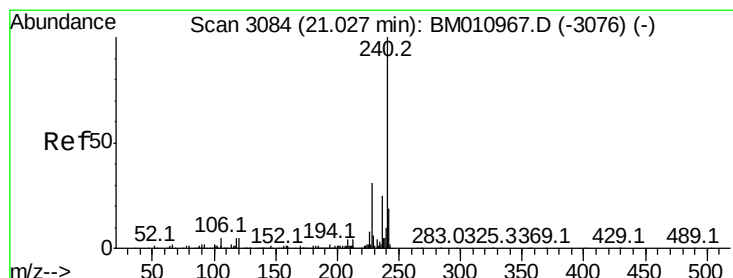
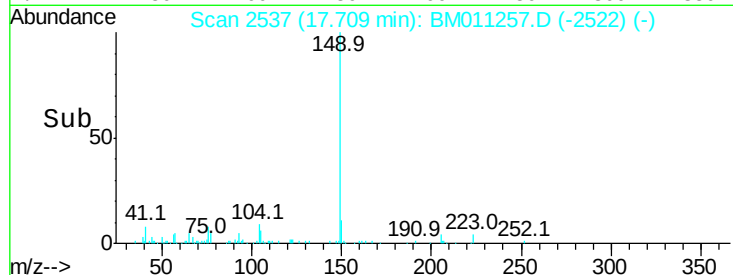
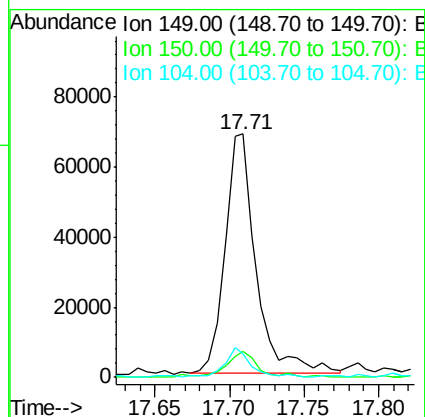
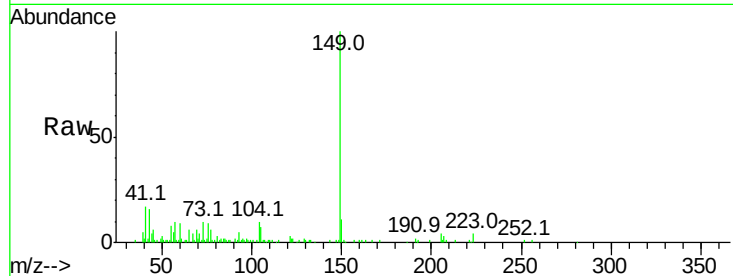




#73
Di-n-butylphthalate
Concen: 2.387 ng
RT: 17.71 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BM011257.D
Acq: 16 Aug 2017 16:25

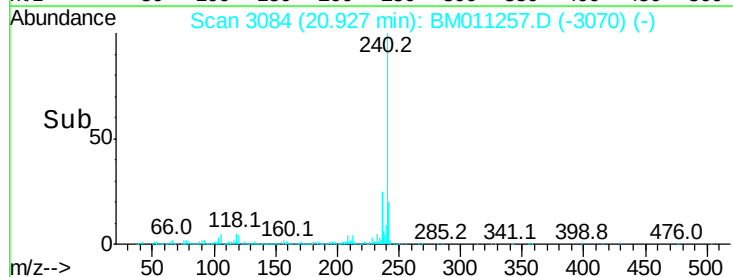
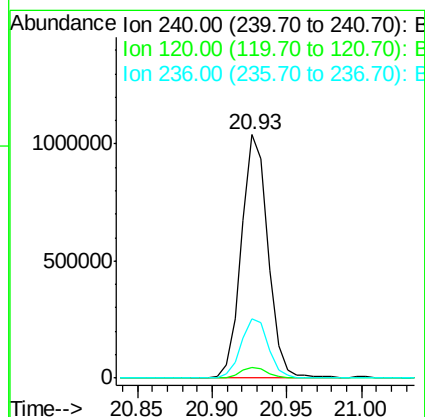
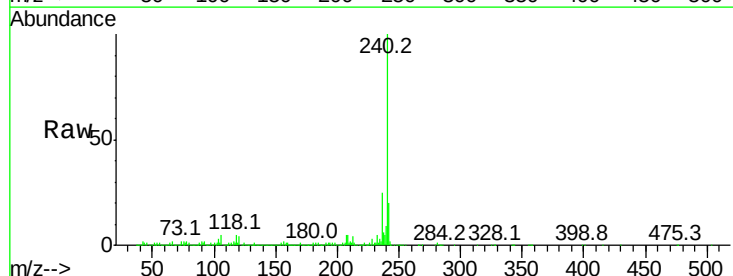
Instrument :
BNA_M
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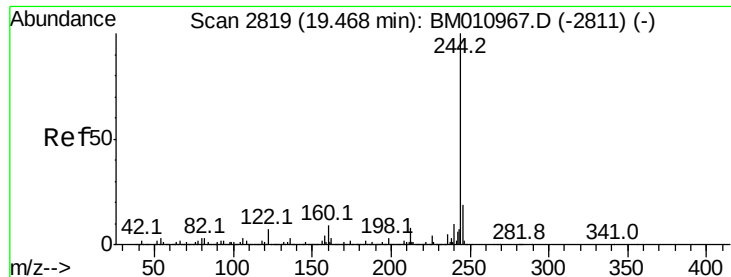
Tot Ion:149 Resp: 100240
Ion Ratio Lower Upper
149 100
150 10.7 7.5 11.3
104 9.7 3.7 5.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011257.D
Acq: 16 Aug 2017 16:25

Tgt Ion:240 Resp: 1287730
Ion Ratio Lower Upper
240 100
120 4.4 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 72.800 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

Instrument :

BNA_M

ClientSampleId :

DRUM-1-6-COMP

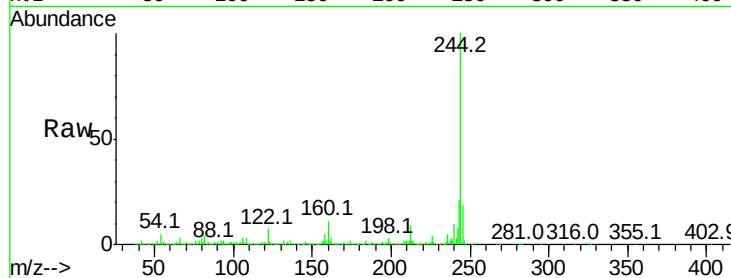
Tot Ion:244 Resp: 4732622

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

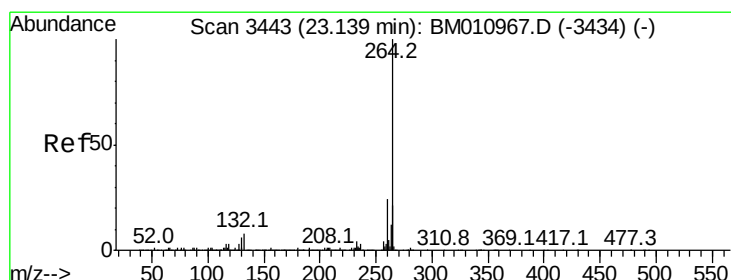
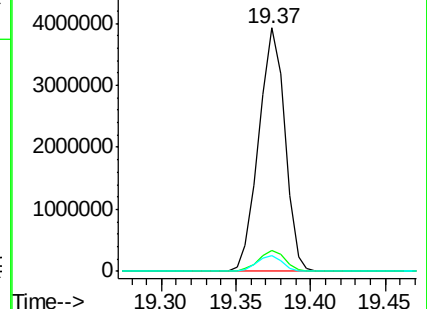
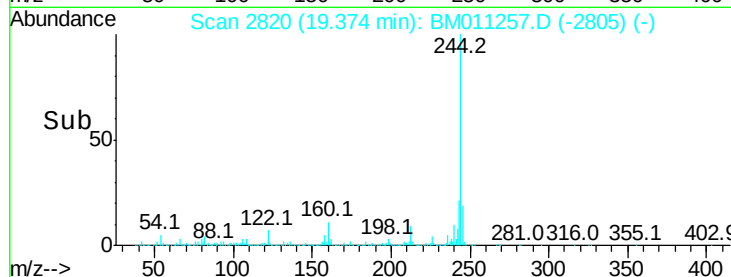
122 6.6 6.2 9.4



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: 23.00 min Scan# 3436

Delta R.T. -0.02 min

Lab File: BM011257.D

Acq: 16 Aug 2017 16:25

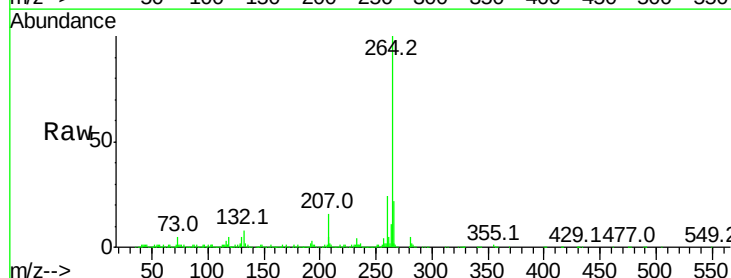
Tgt Ion:264 Resp: 1195003

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.6 17.3 25.9



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

