

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072117\
 Data File : BM010955.D
 Acq On : 22 Jul 2017 02:47
 Operator : SJ/JU
 Sample : I4317-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-TP-1-2-3-COMP

Quant Time: Jul 22 05:00:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

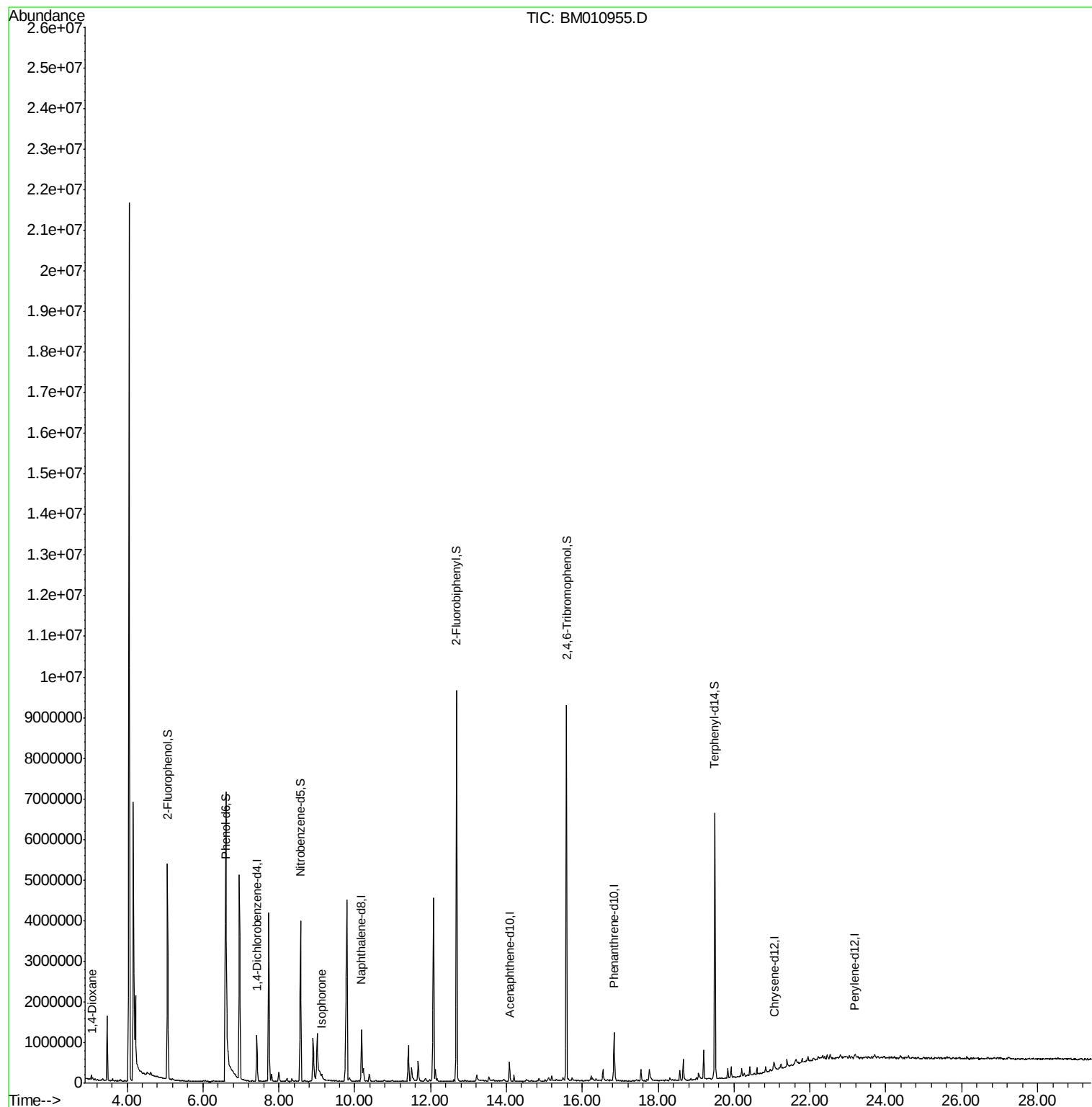
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	235860	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	678595	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	95712	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	405292	20.00	ng	-0.02
75) Chrysene-d12	21.04	240	42746	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	1665905	117.00	ng	-0.02
7) Phenol-d6	6.62	99	506967	25.83	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2166250	122.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1424054	973.61	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4258601	553.51	ng	-0.02
78) Terphenyl-d14	19.49	244	1464782	662.76	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.09	88	13697	2.180	ng	Qvalue # 100
25) Isophorone	9.13	82	70682	2.444	ng	# 84

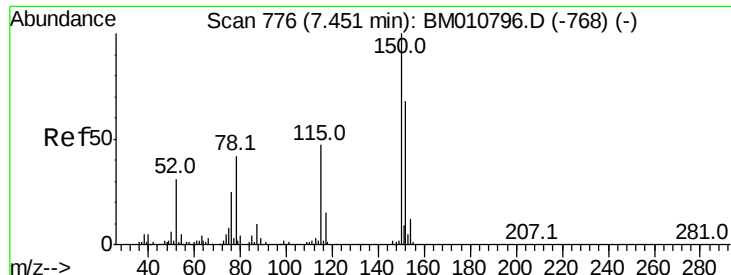
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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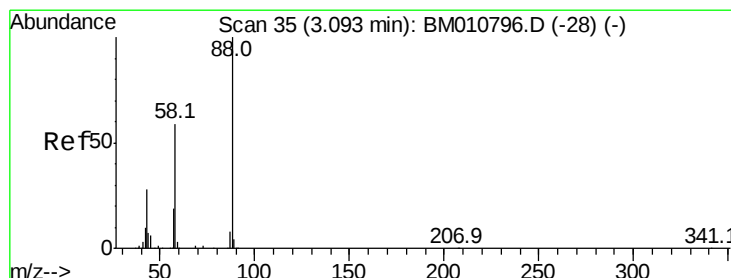
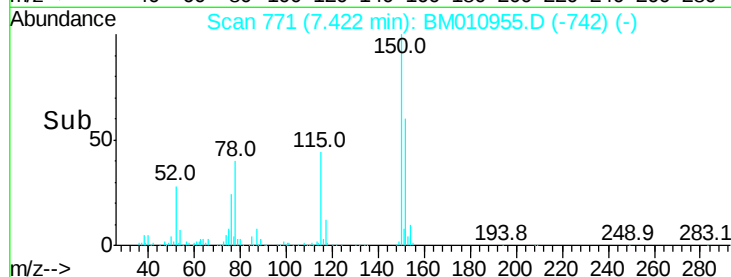
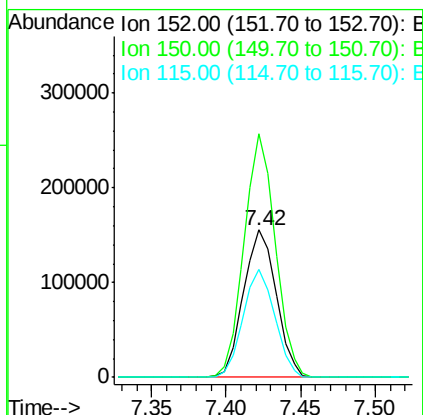
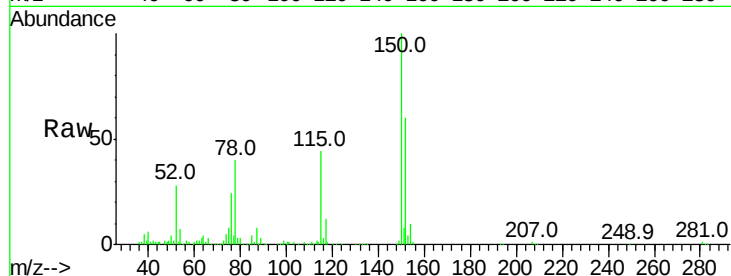


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

Instrument :
BNA_M
ClientSampleId :
SP-1-TP-1-2-3-COMP

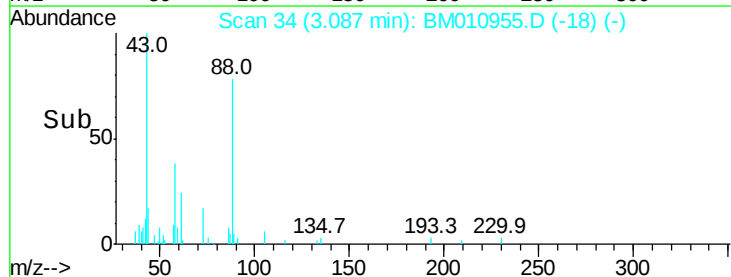
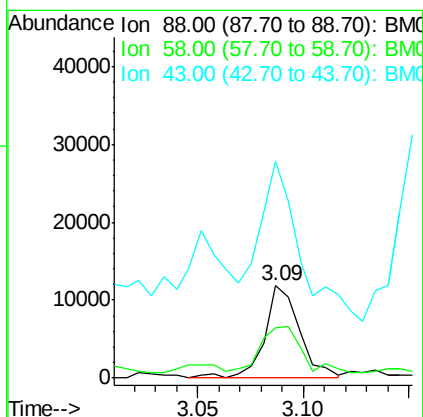
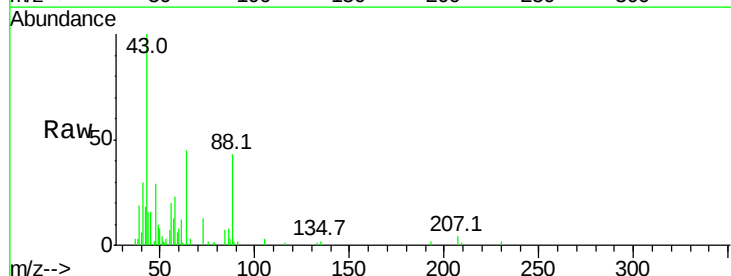
Tot Ion	Ratio	Lower	Upper
152	100		
150	165.5	119.5	179.3
115	73.3	43.0	64.4

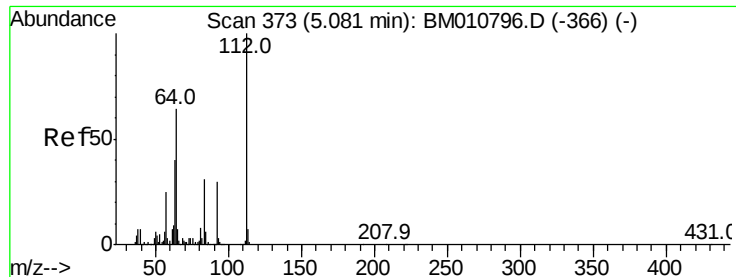


#2

1,4-Dioxane
Concen: 2.180 ng
RT: 3.09 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM010955.D
Acq: 22 Jul 2017 02:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	0.0	0.0
43	199.8	0.0	0.0





#5

2-Fluorophenol

Concen: 117.000 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

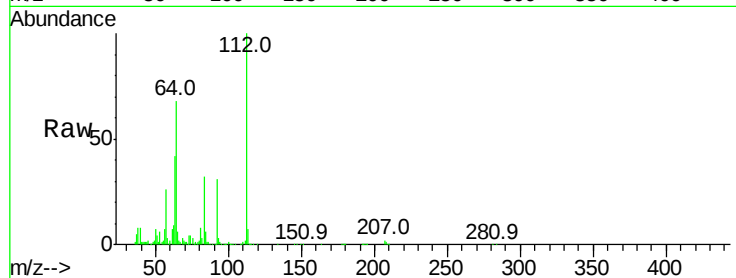
Tot Ion:112 Resp: 1665905

Ion Ratio Lower Upper

112 100

64 67.6 38.6 57.8#

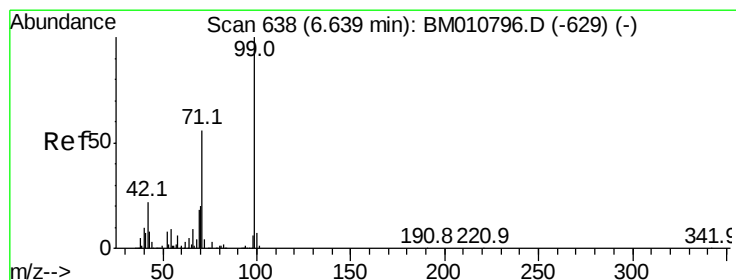
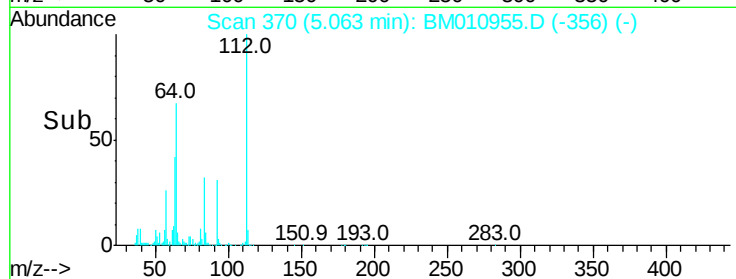
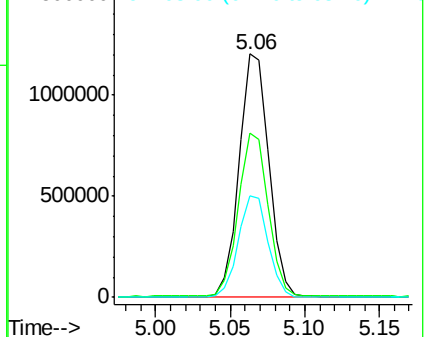
63 41.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 25.827 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

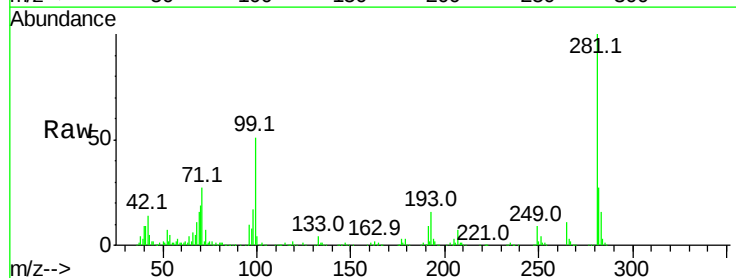
Tgt Ion: 99 Resp: 506967

Ion Ratio Lower Upper

99 100

42 27.0 11.0 16.4#

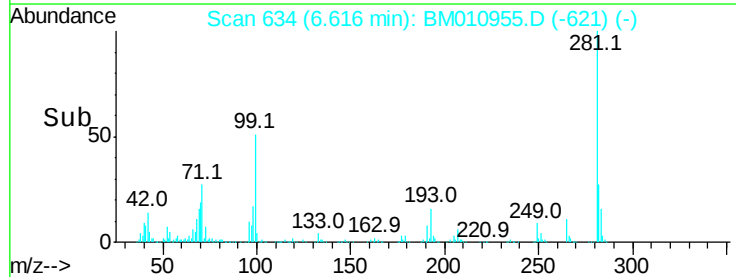
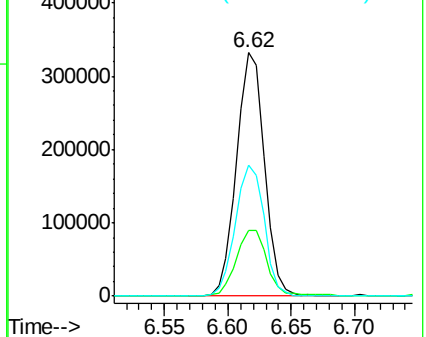
71 54.0 23.4 35.2#

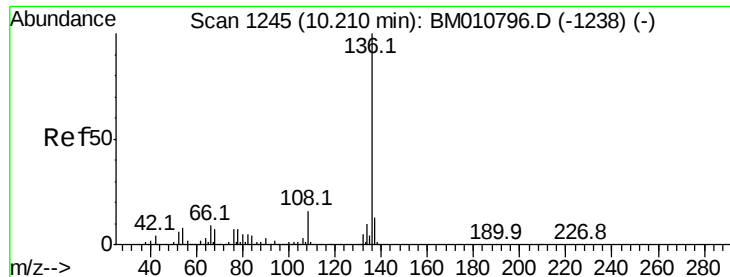


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

Tot Ion:136 Resp: 678595

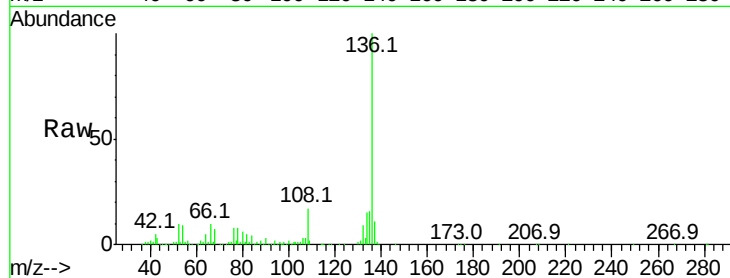
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.1 4.6 6.8#

68 7.2 3.7 5.5#

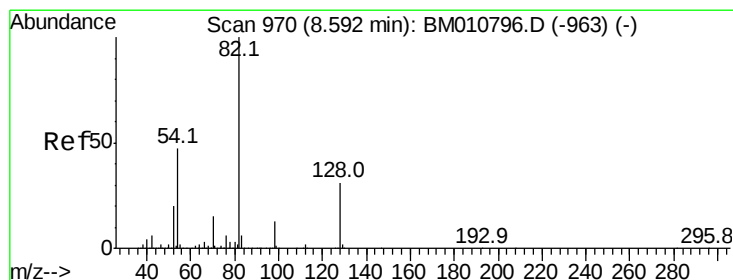
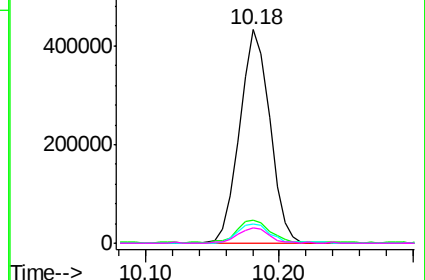
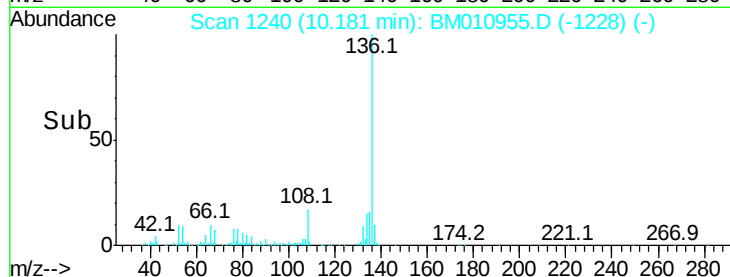


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 122.703 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

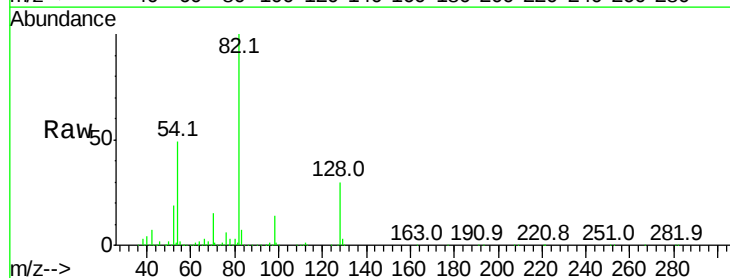
Tgt Ion: 82 Resp: 2166250

Ion Ratio Lower Upper

82 100

128 30.0 32.8 49.2#

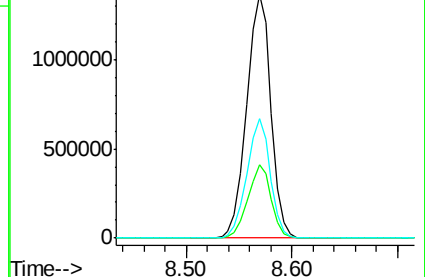
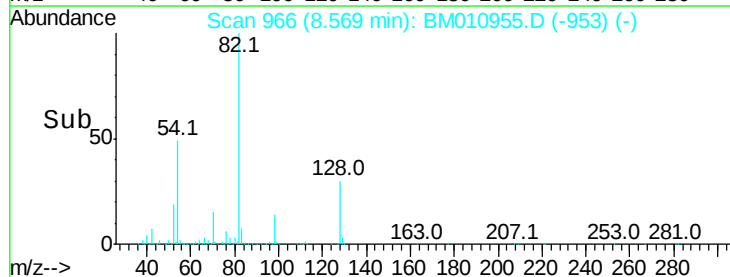
54 49.2 40.6 60.8

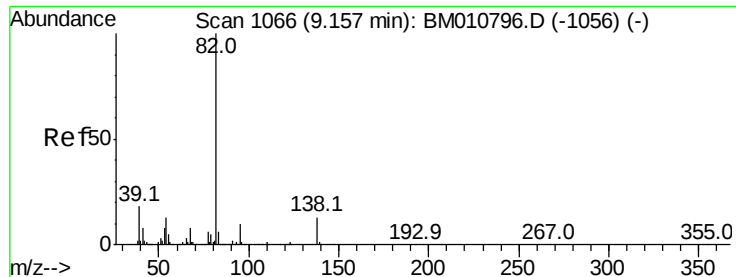


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#25

Isophorone

Concen: 2.444 ng

RT: 9.13 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

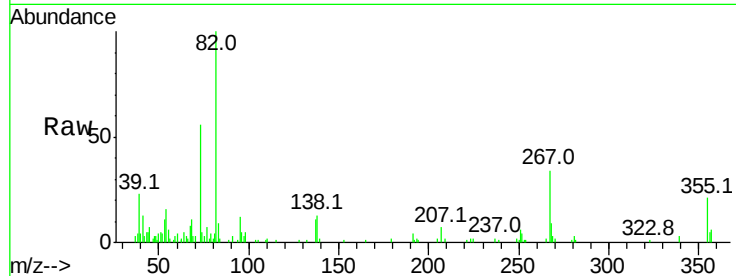
Tot Ion: 82 Resp: 70682

Ion Ratio Lower Upper

82 100

95 11.7 5.8 8.6#

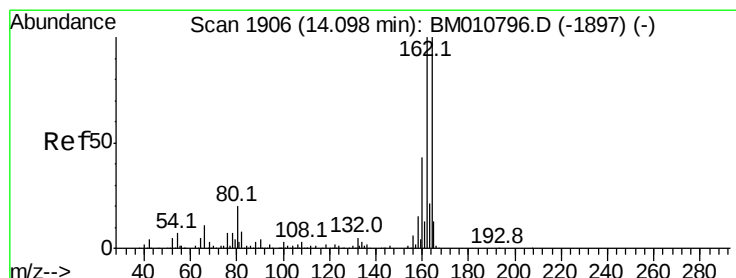
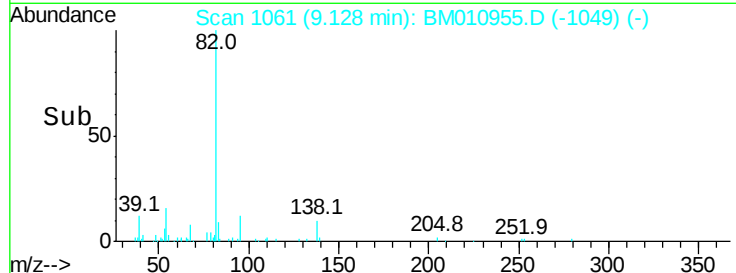
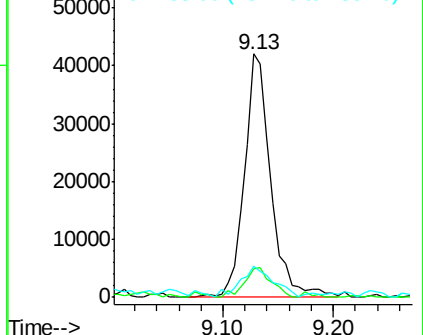
138 12.8 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM010796.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM010796.D (-1056) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

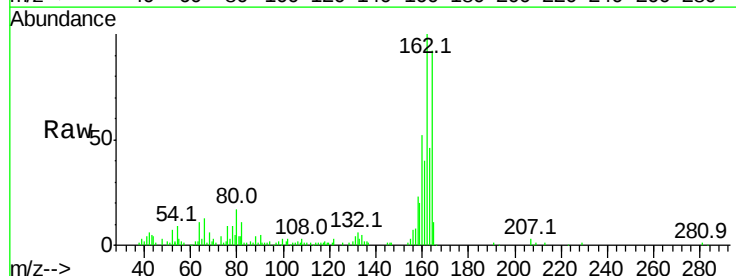
Tgt Ion: 164 Resp: 95712

Ion Ratio Lower Upper

164 100

162 109.2 82.4 123.6

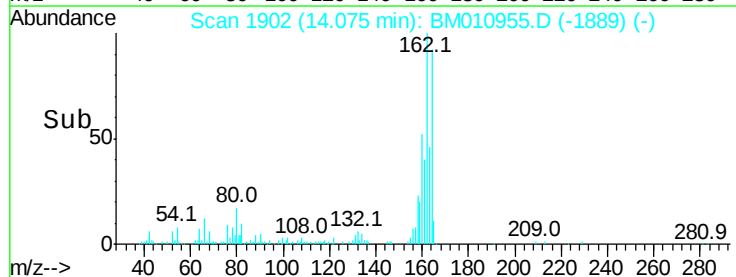
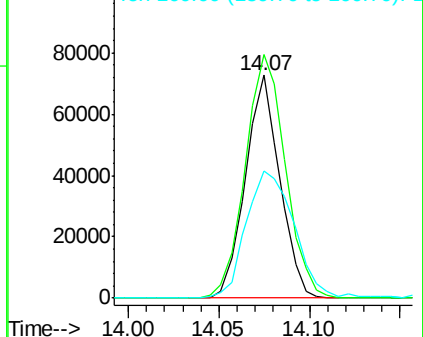
160 57.2 35.8 53.6#

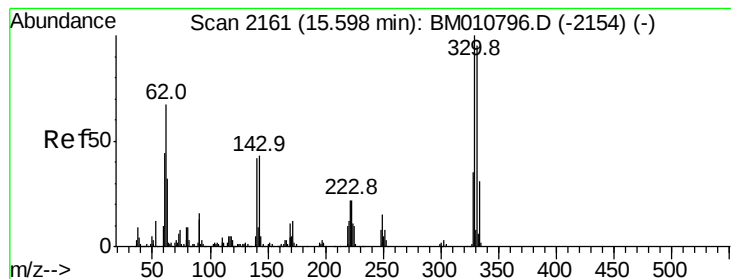


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)





#41

2,4,6-Tribromophenol

Concen: 973.606 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

BNA_M

ClientSampleId :

SP-1-TP-1-2-3-COMP

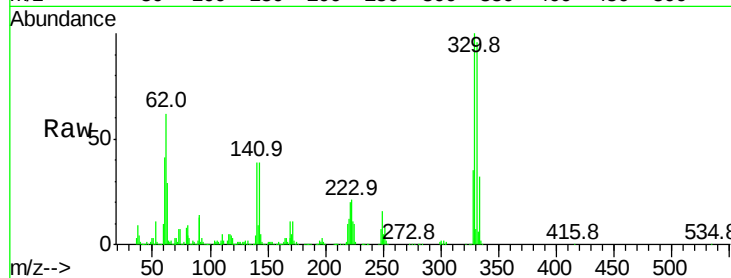
Tot Ion:330 Resp: 1424054

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

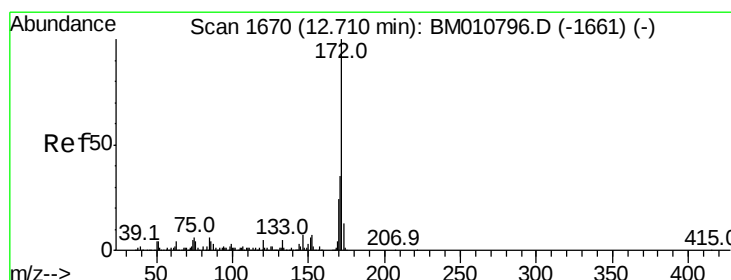
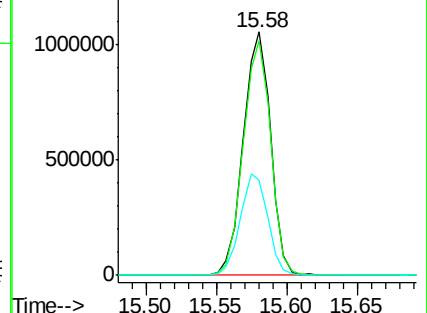
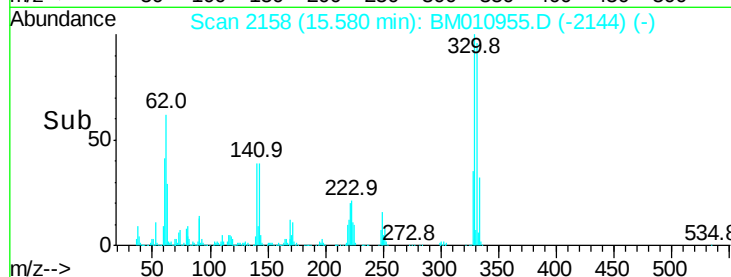
141 41.8 0.0 0.0#



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: 553.515 ng

RT: 12.69 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

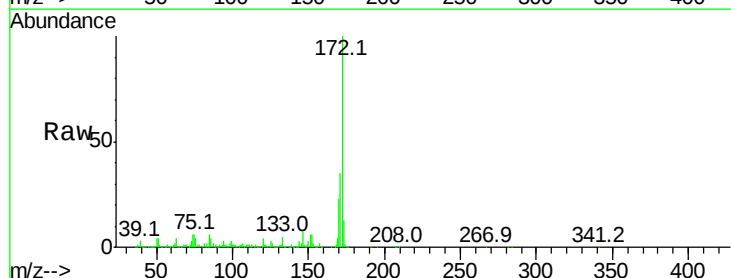
Tgt Ion:172 Resp: 4258601

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

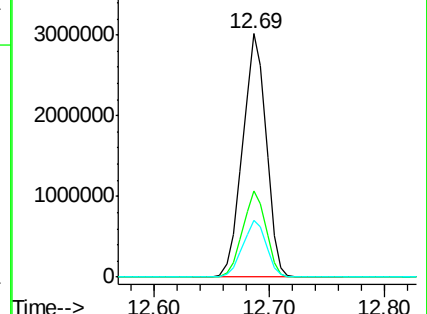
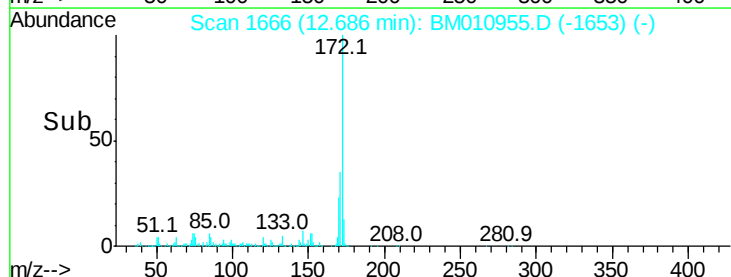
170 23.5 18.8 28.2

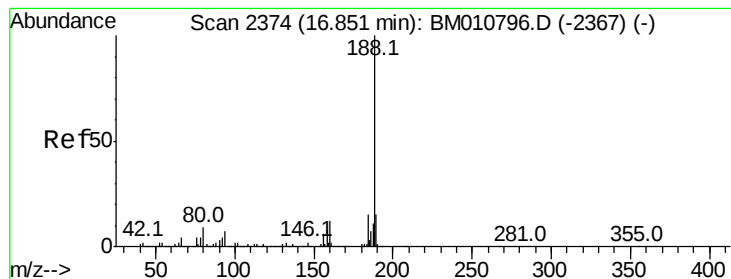


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

Instrument :

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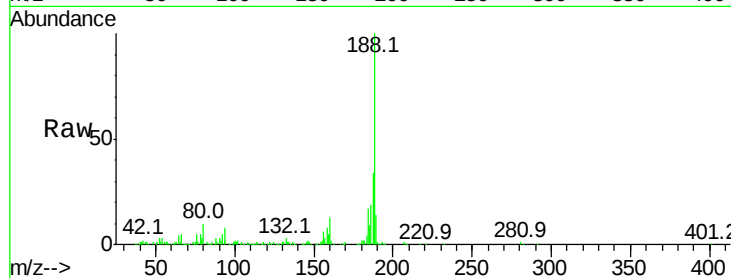
Tot Ion:188 Resp: 405292

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

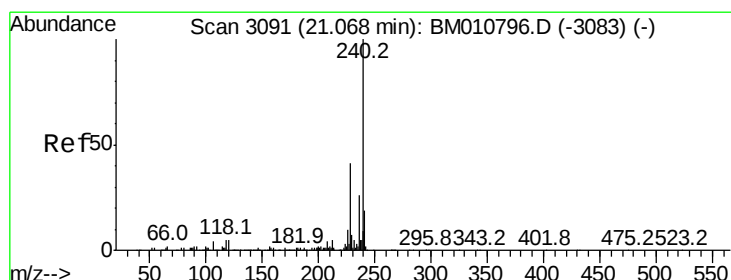
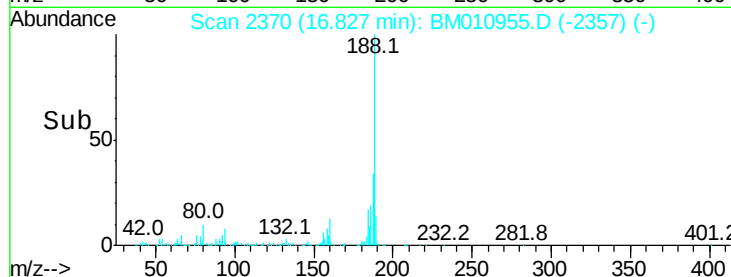
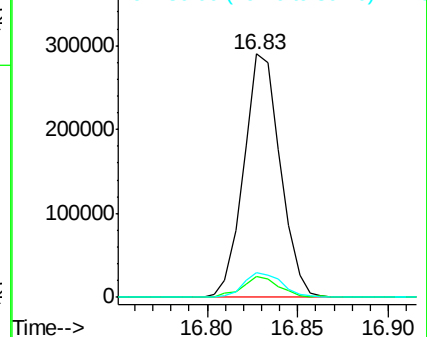
80 10.3 9.3 13.9



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

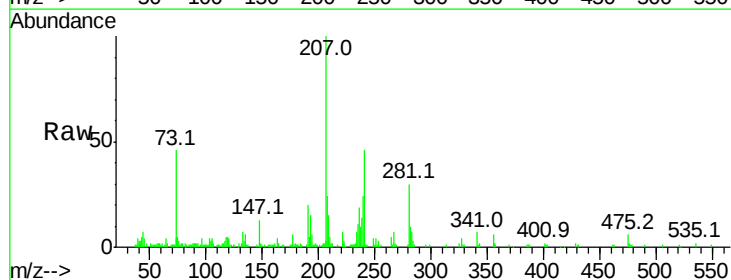
Tgt Ion:240 Resp: 42746

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

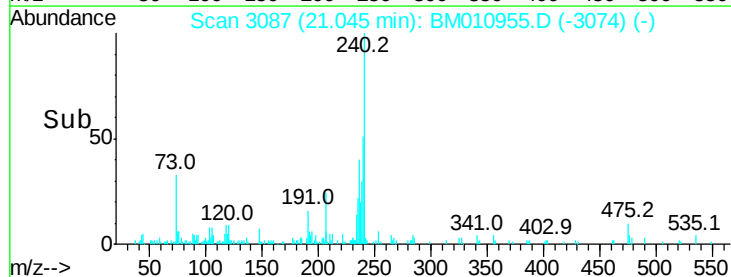
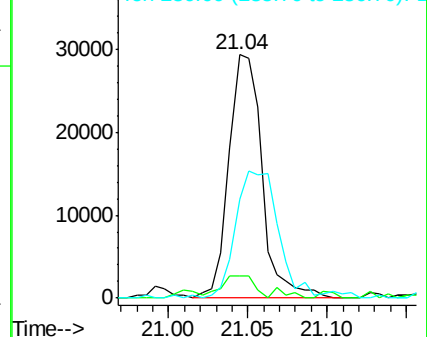
236 40.5 20.0 30.0#

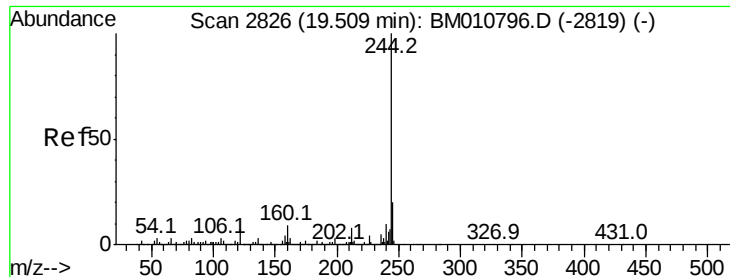


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 662.761 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BM010955.D

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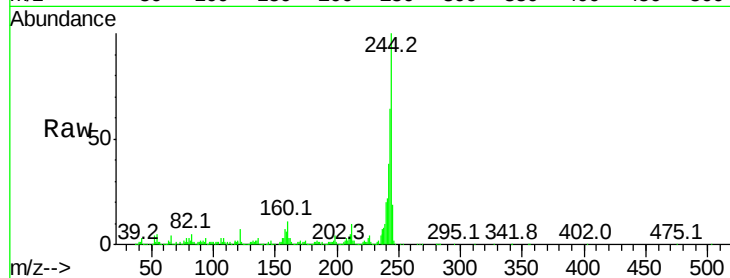
Tot Ion:244 Resp: 1464782

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

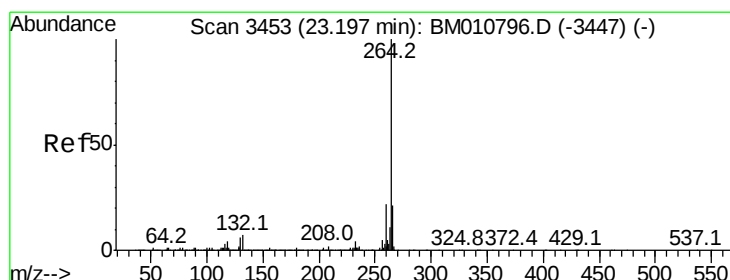
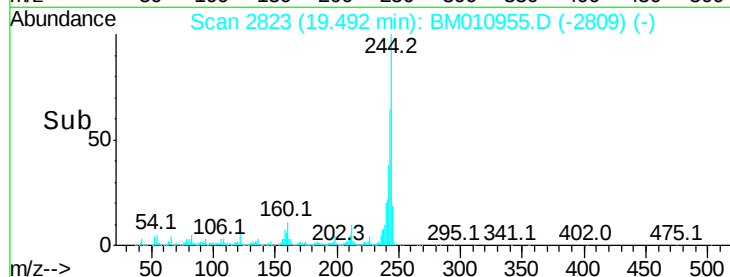
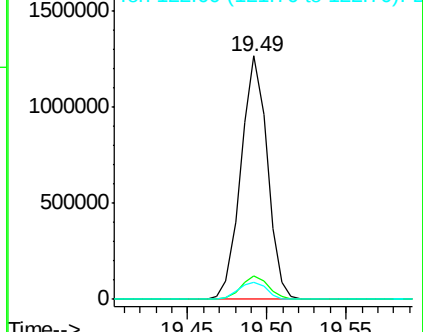
122 7.2 6.2 9.4



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: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010955.D

Acq: 22 Jul 2017 02:47

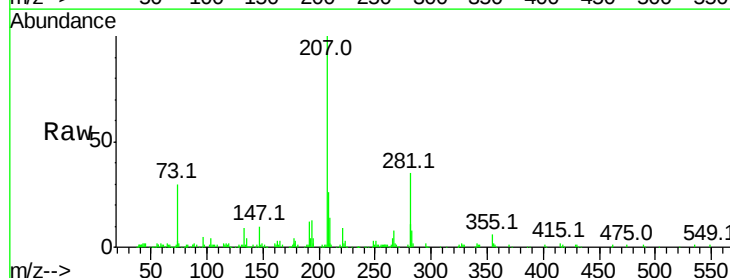
Tgt Ion:264 Resp: 1323

Ion Ratio Lower Upper

264 100

260 150.6 18.6 27.8#

265 547.9 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

