

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016500.D
 Acq On : 22 Aug 2018 01:06
 Operator : SJ/JU
 Sample : J4560-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 02:21:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

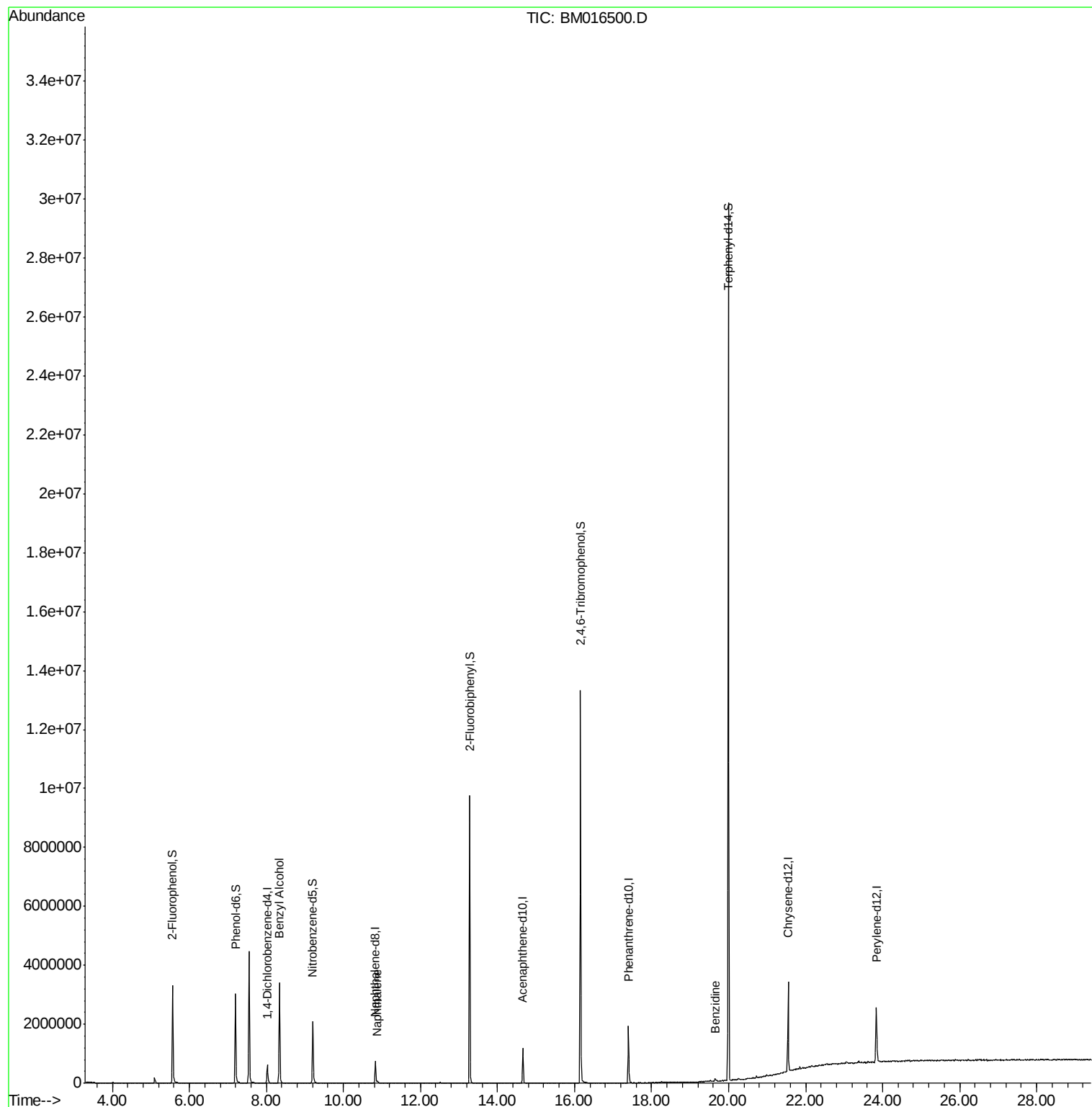
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	145042	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	467450	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	341000	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1121786	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1378542	20.00	ng	0.00
86) Perylene-d12	23.83	264	1519958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1070584	144.64	ng	0.00
7) Phenol-d6	7.20	99	1222430	124.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	1194722	116.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	2271289	238.27	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	4277385	120.57	ng	0.00
78) Terphenyl-d14	19.99	244	10651286	163.54	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.33	79	25677	2.823	ng	# 1
31) Naphthalene	10.89	128	53209	2.389	ng	# 94
76) Benzidine	19.64	184	83100	3.135	ng	99

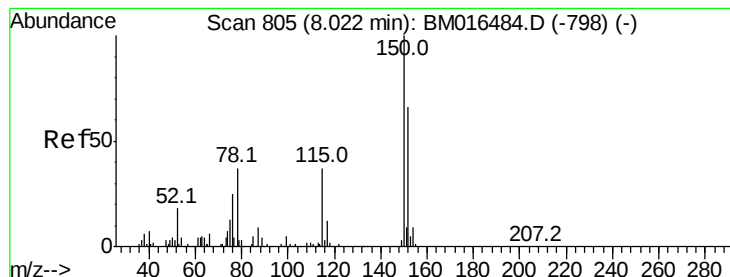
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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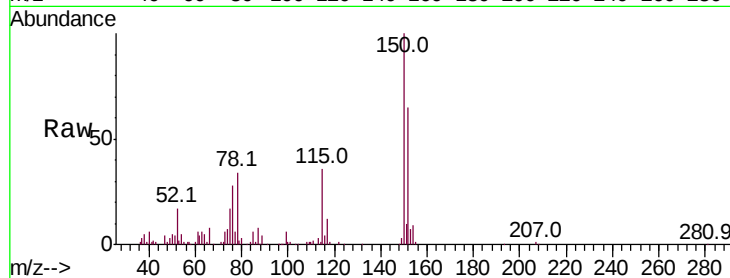


#1

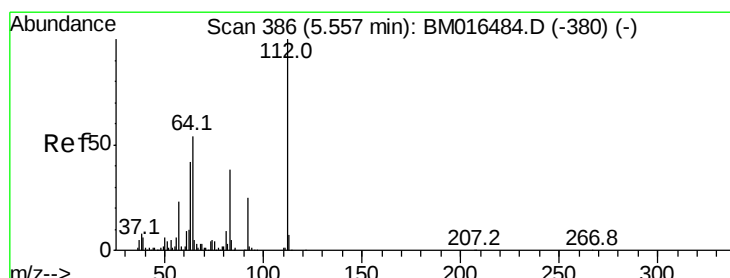
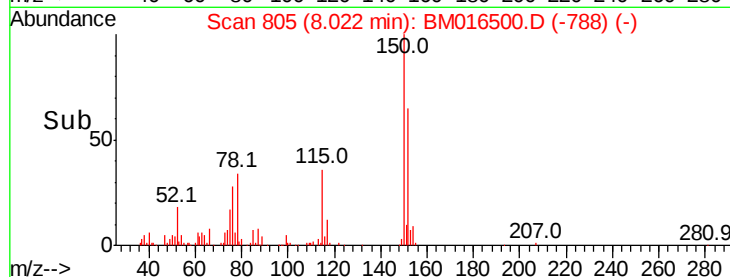
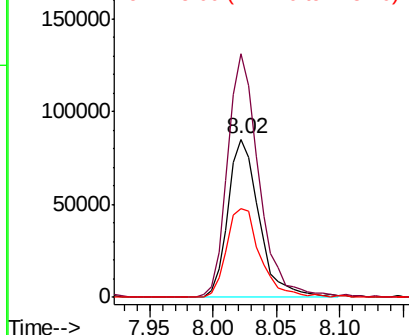
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016500.D
Acq: 22 Aug 2018 01:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 145042
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 56.1 43.0 64.4



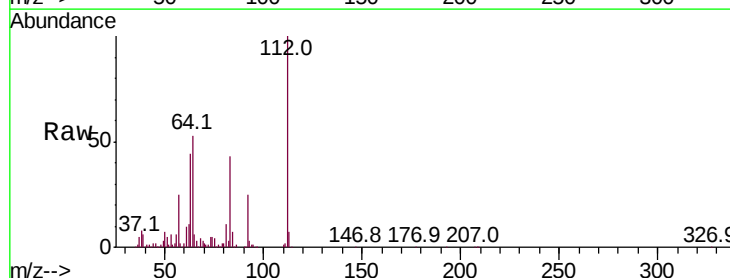
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



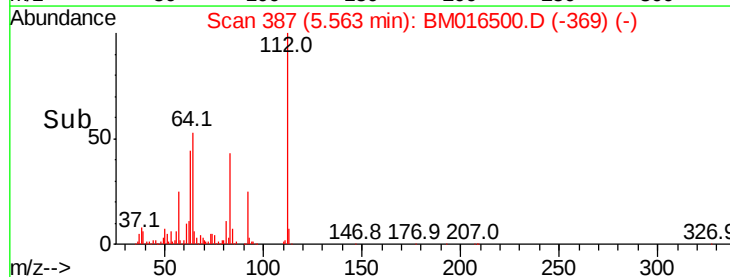
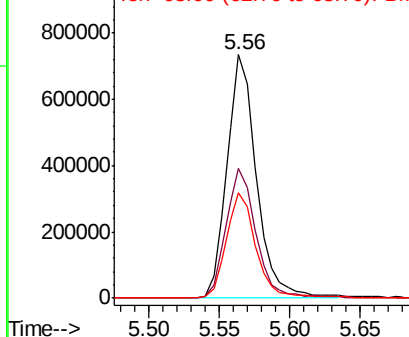
#5

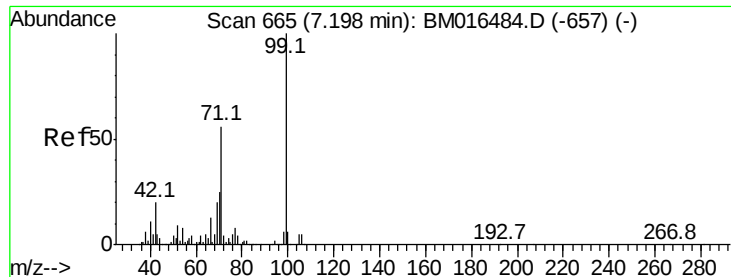
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016500.D
Acq: 22 Aug 2018 01:06

Tgt Ion:112 Resp: 1070584
Ion Ratio Lower Upper
112 100
64 53.2 38.6 57.8
63 43.5 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: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

Instrument :

BNA_M

ClientSampleId :

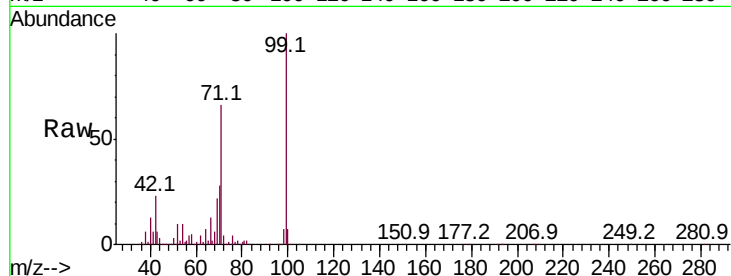
Tot Ion: 99 Resp: 1222430

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

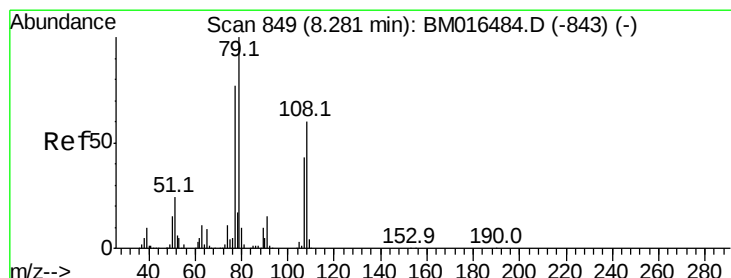
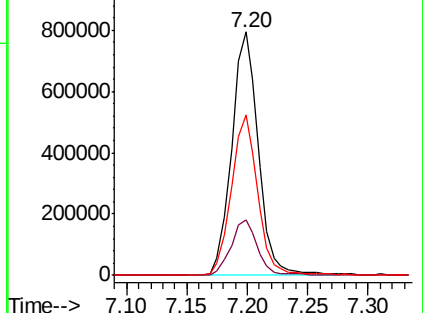
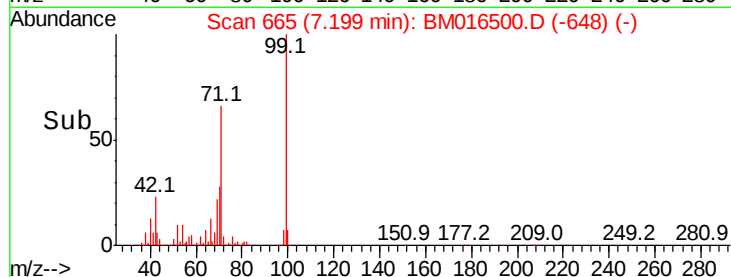
71 65.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016500.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016500.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016500.D (-648) (-)



#15

Benzyl Alcohol

Concen: 2.823 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.05 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

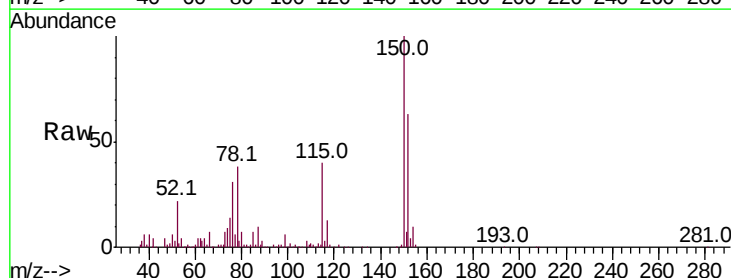
Tgt Ion: 79 Resp: 25677

Ion Ratio Lower Upper

79 100

108 102.9 65.0 97.4#

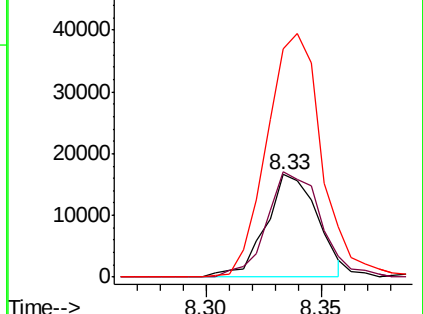
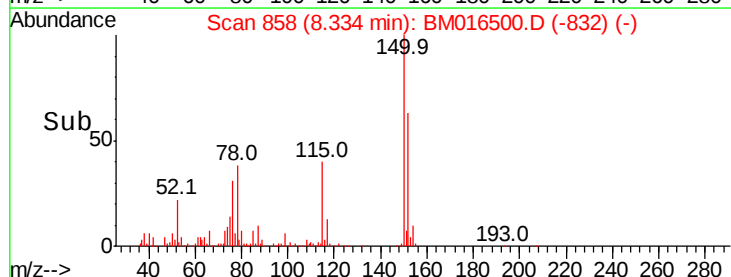
77 222.4 53.0 79.6#

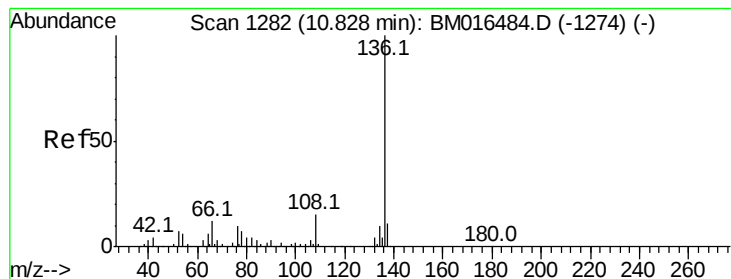


Abundance Ion 79.00 (78.70 to 79.70): BM016500.D (-832) (-)

Ion 108.00 (107.70 to 108.70): BM016500.D (-832) (-)

Ion 77.00 (76.70 to 77.70): BM016500.D (-832) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 467450

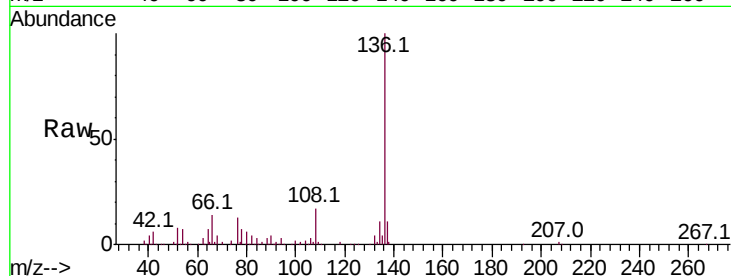
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.1 4.6 6.8#

68 3.7 3.7 5.5

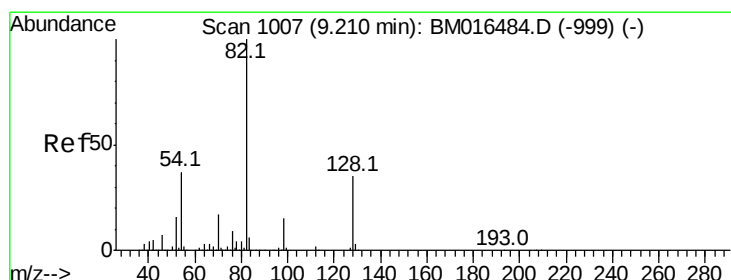
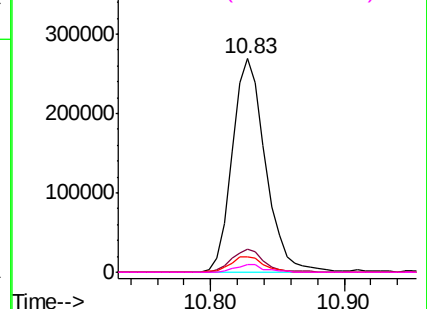
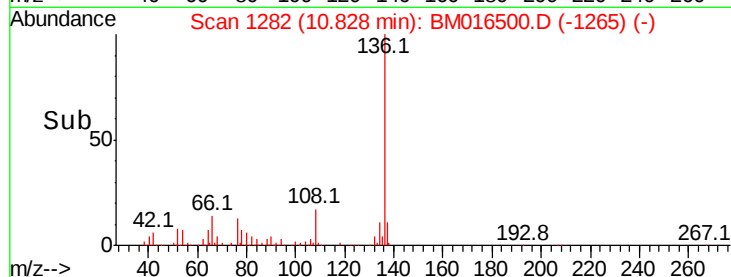


Abundance Ion 136.00 (135.70 to 136.70): E

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: Below ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

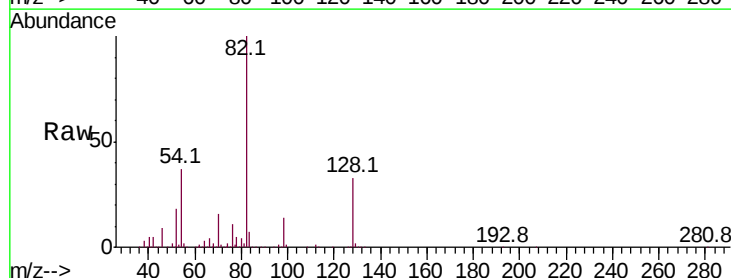
Tgt Ion: 82 Resp: 1194722

Ion Ratio Lower Upper

82 100

128 33.2 32.8 49.2

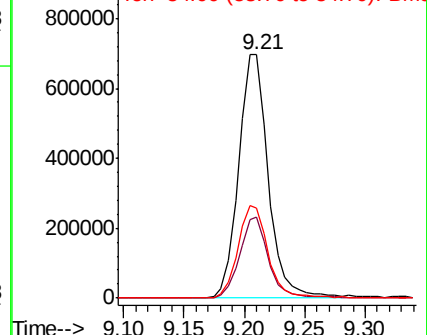
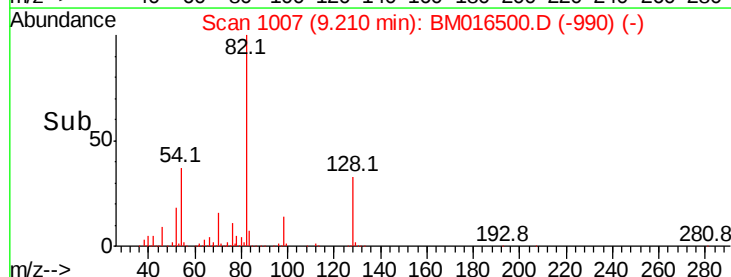
54 37.0 40.6 60.8#

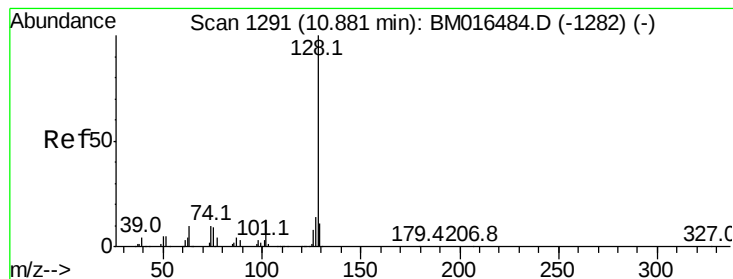


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 2.389 ng

RT: 10.89 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

Instrument :

BNA_M

ClientSampleId :

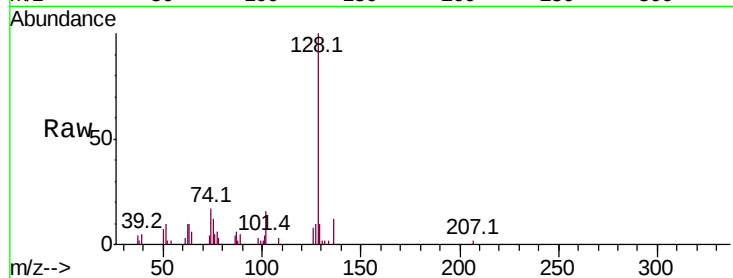
Tot Ion:128 Resp: 53209

Ion Ratio Lower Upper

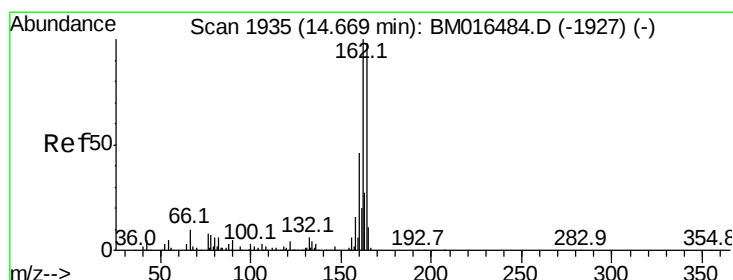
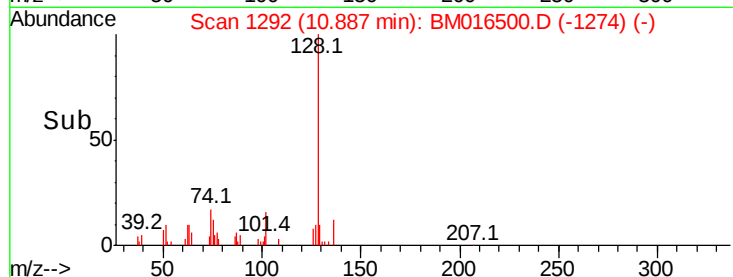
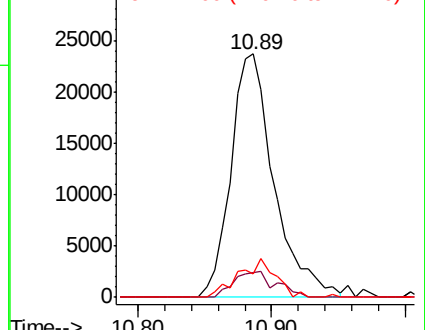
128 100

129 10.1 8.9 13.3

127 9.7 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

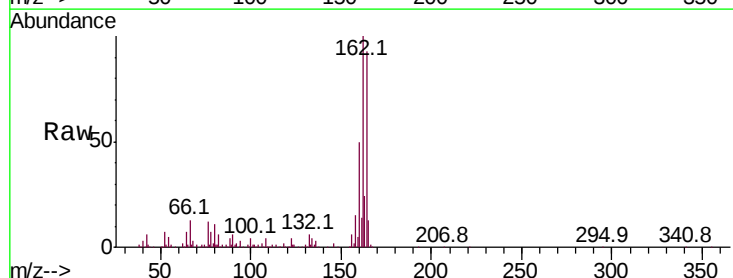
Tgt Ion:164 Resp: 341000

Ion Ratio Lower Upper

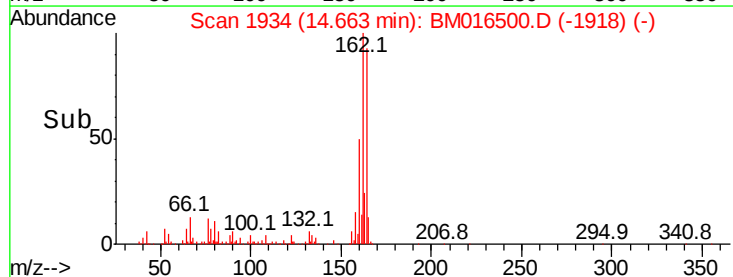
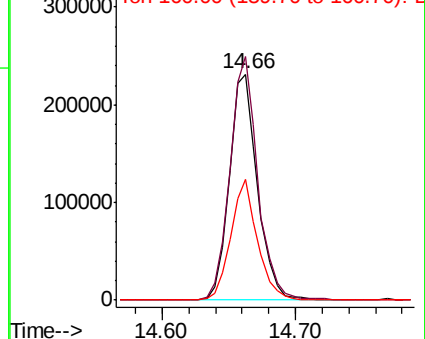
164 100

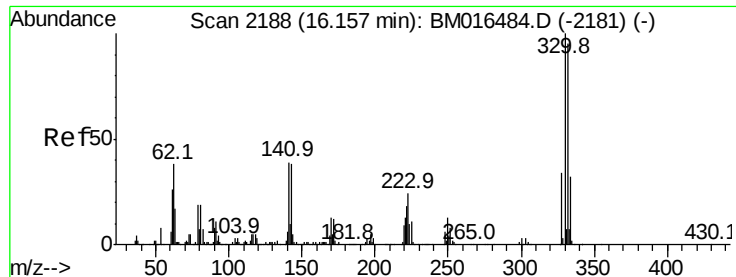
162 107.8 82.4 123.6

160 53.5 35.8 53.6



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

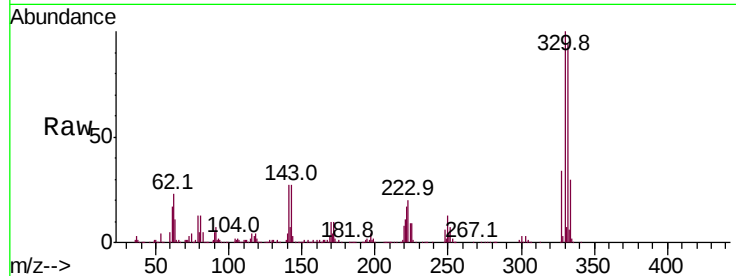




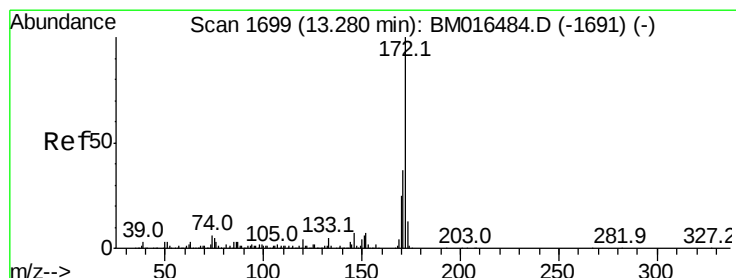
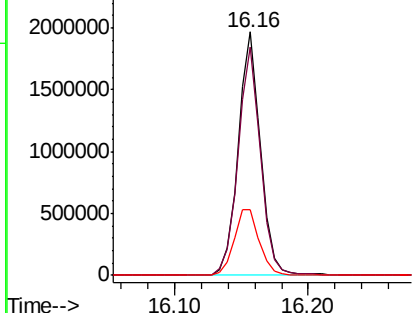
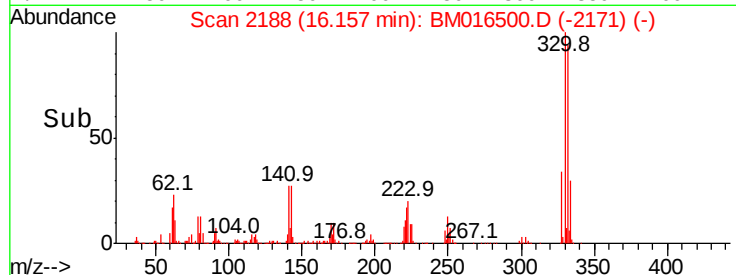
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016500.D
 Acq: 22 Aug 2018 01:06

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 2271289
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 31.1 0.0 0.0#

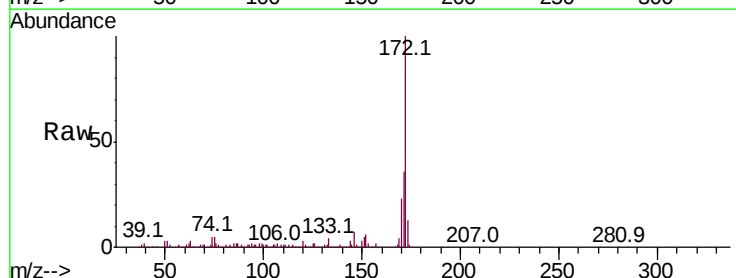


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

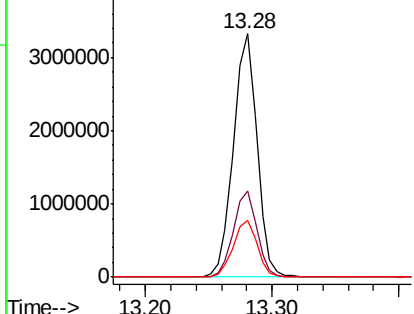
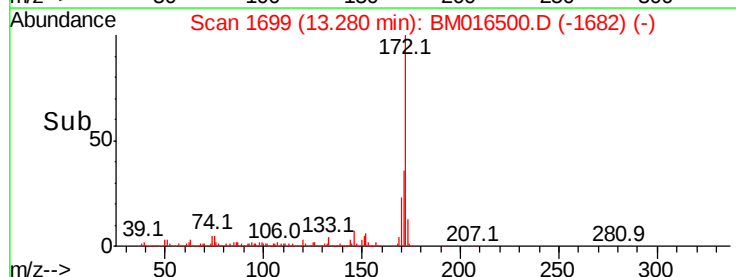


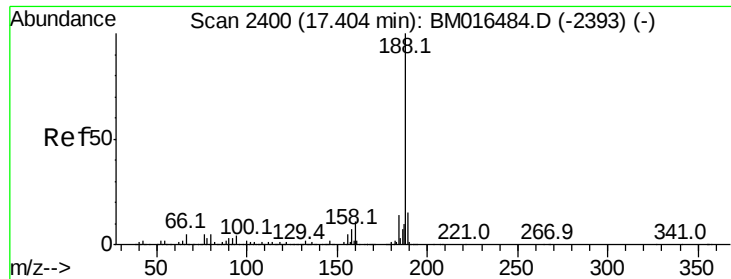
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016500.D
 Acq: 22 Aug 2018 01:06

Tgt Ion:172 Resp: 4277385
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.4 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: 17.40 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

Instrument :

BNA_M

ClientSampled :

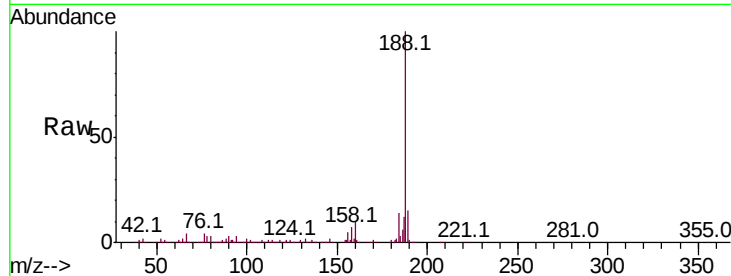
Tot Ion:188 Resp: 1121786

Ion Ratio Lower Upper

188 100

94 2.8 8.7 13.1#

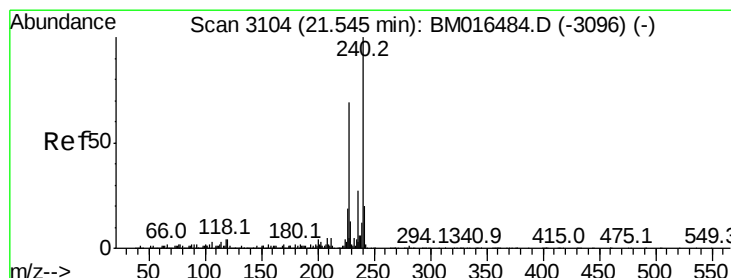
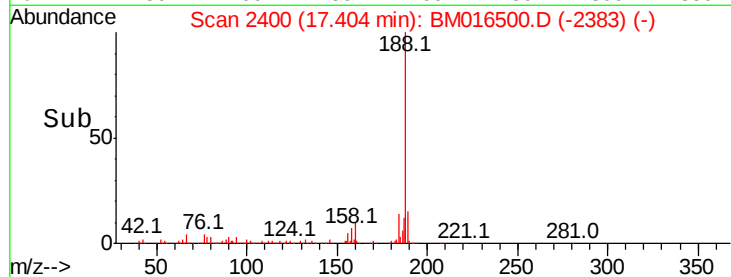
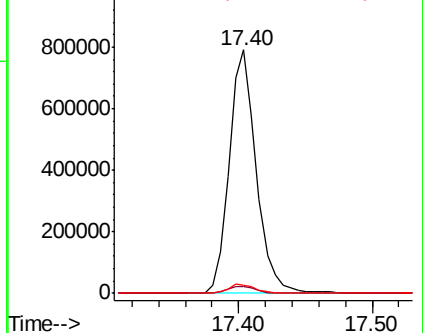
80 3.4 9.3 13.9#



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: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

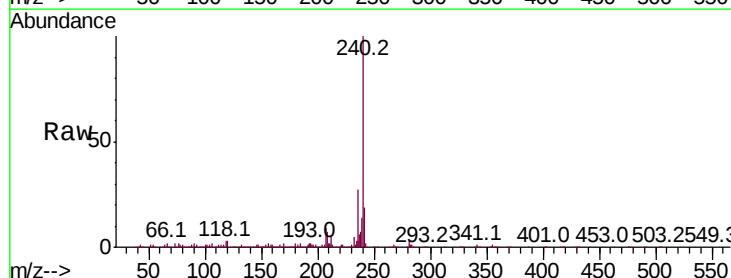
Tgt Ion:240 Resp: 1378542

Ion Ratio Lower Upper

240 100

120 2.6 8.2 12.2#

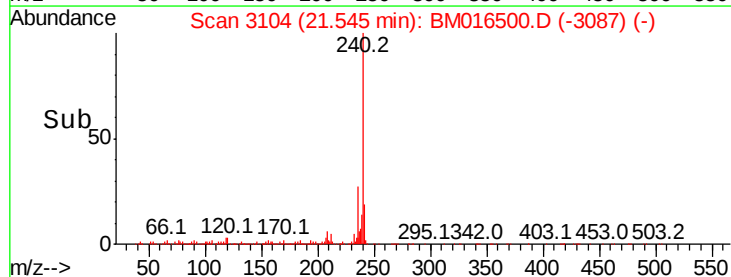
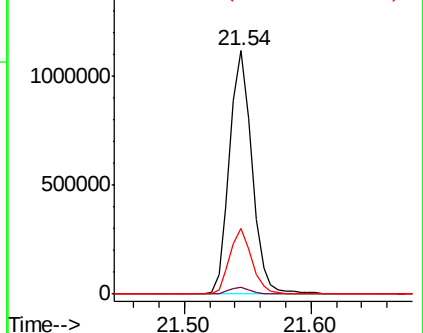
236 27.1 20.0 30.0

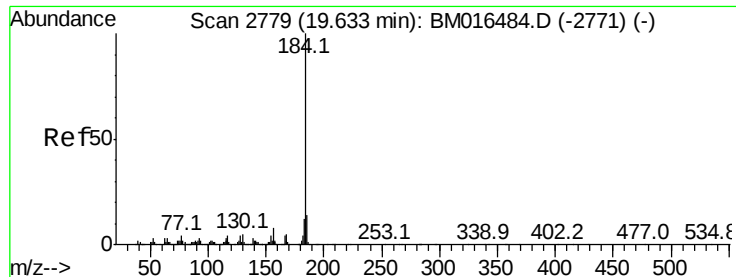


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.135 ng

RT: 19.64 min Scan# 2781

Delta R.T. 0.01 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

Instrument :

BNA_M

ClientSampleId :

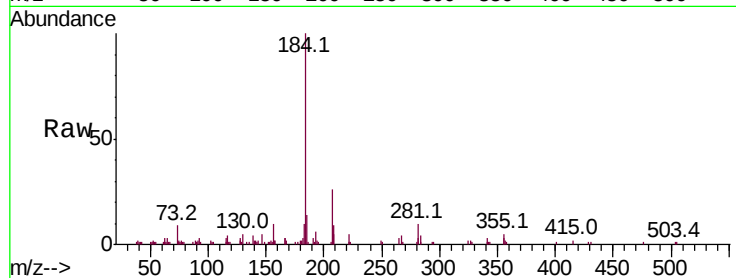
Tot Ion:184 Resp: 83100

Ion Ratio Lower Upper

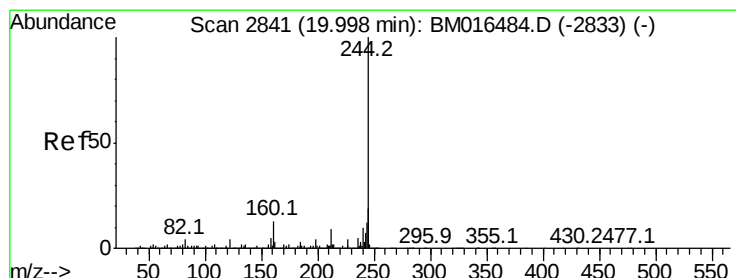
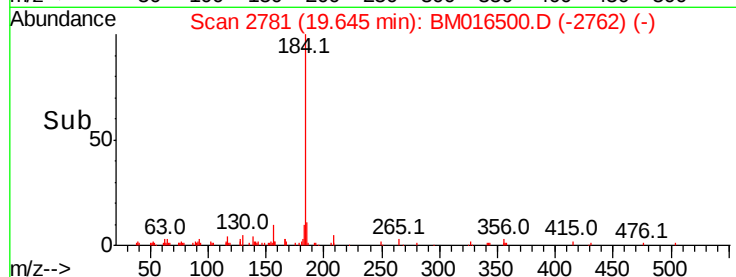
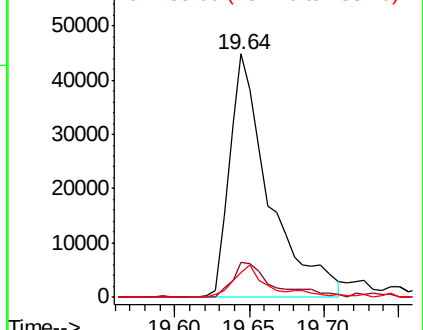
184 100

185 14.2 11.3 16.9

183 10.3 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016500.D

Acq: 22 Aug 2018 01:06

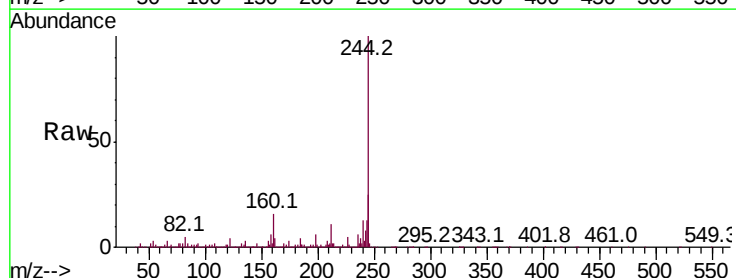
Tgt Ion:244 Resp:10651286

Ion Ratio Lower Upper

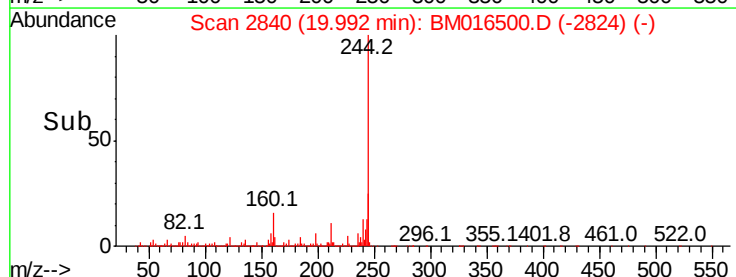
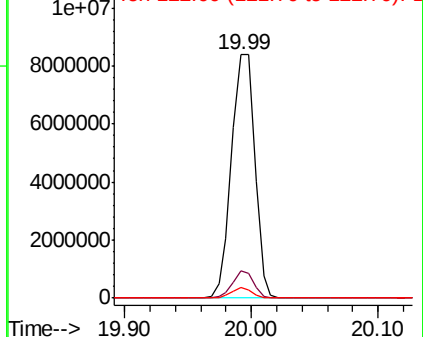
244 100

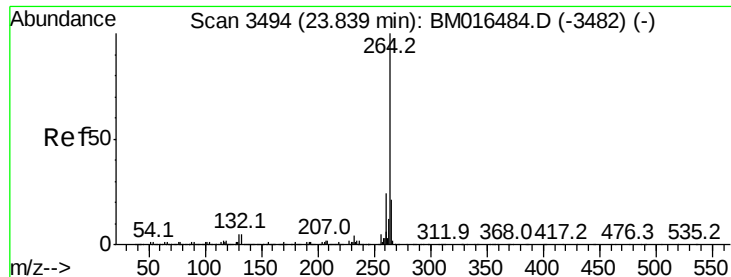
212 11.4 4.9 7.3#

122 4.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016500.D
Acq: 22 Aug 2018 01:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1519958

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	23.4	17.3	25.9

