

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080918\
 Data File : BM016275.D
 Acq On : 09 Aug 2018 11:11
 Operator : SJ/JU
 Sample : J4304-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-A02

Quant Time: Aug 10 04:03:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

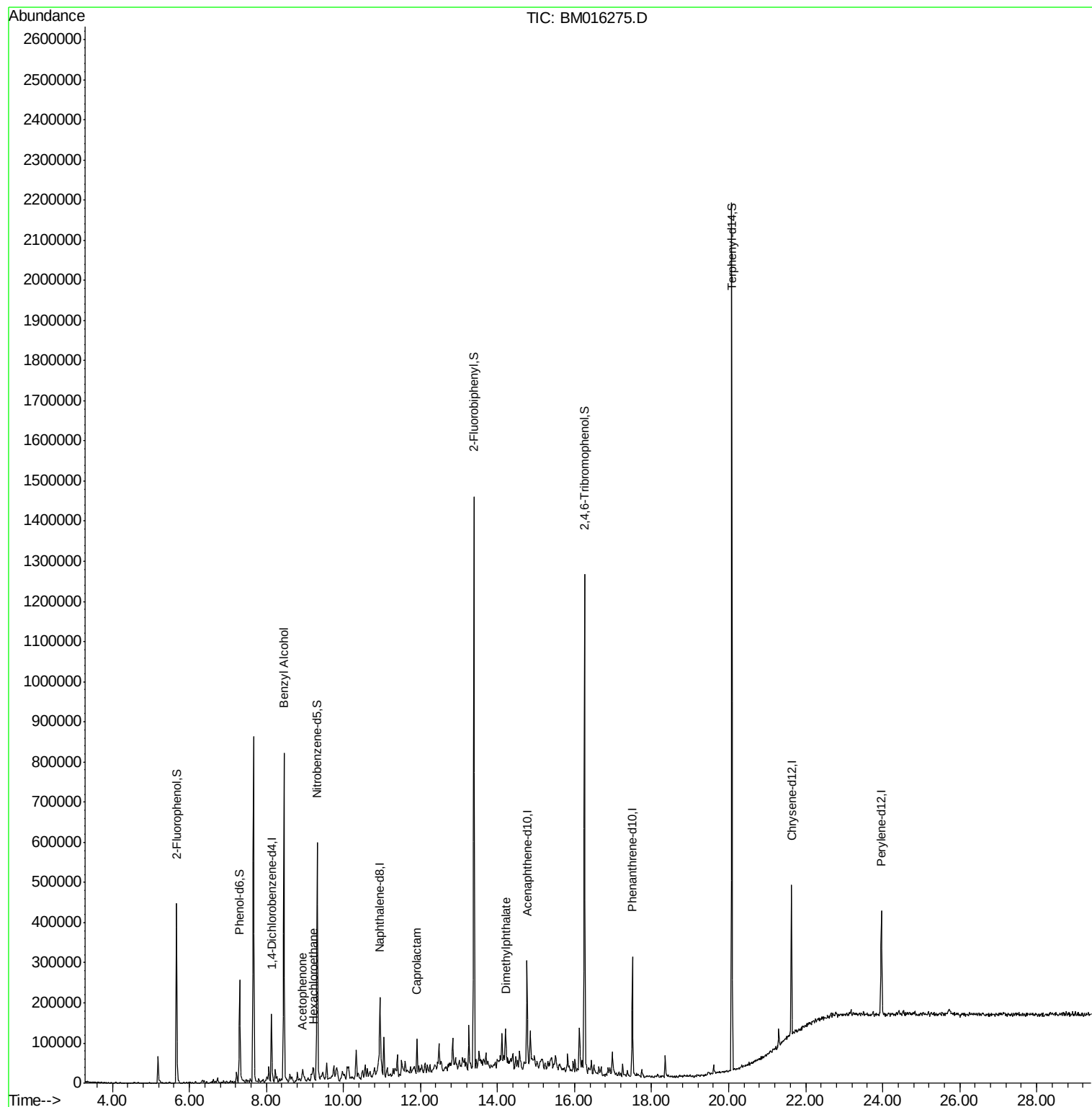
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	34713	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	127565	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	68514	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	131451	20.00	ng	0.00
75) Chrysene-d12	21.63	240	138714	20.00	ng	0.00
86) Perylene-d12	23.97	264	153335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	145785	69.76	ng	0.00
7) Phenol-d6	7.30	99	106967	39.20	ng	0.00
23) Nitrobenzene-d5	9.32	82	284395	103.69	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	124858	143.68	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	560728	99.58	ng	0.00
78) Terphenyl-d14	20.08	244	721337	108.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.45	79	6930	3.189	ng	# 48
18) Hexachloroethane	9.23	117	3226	2.531	ng	# 1
22) Acetophenone	8.92	105	8962	2.790	ng	# 61
35) Caprolactam	11.92	113	2786	5.272	ng	# 1
49) Dimethylphthalate	14.22	163	24584	4.100	ng	98

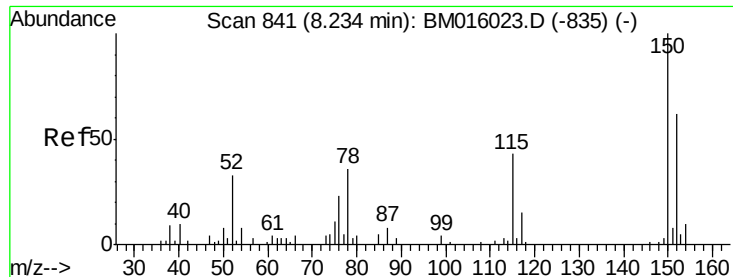
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Instrument :

BNA_M

ClientSampleId :

MW-A02

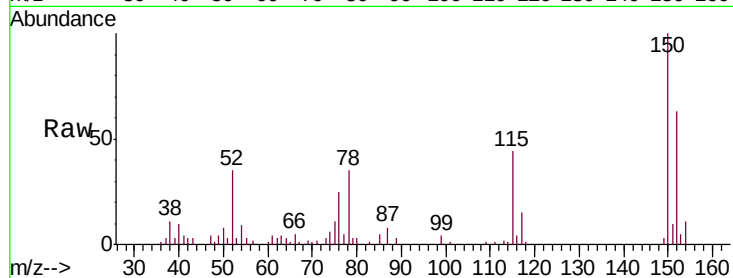
Tgt Ion:152 Resp: 34713

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

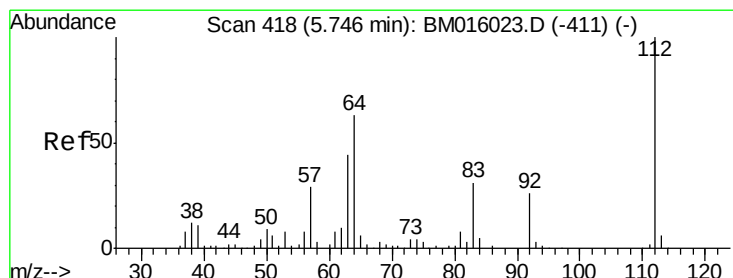
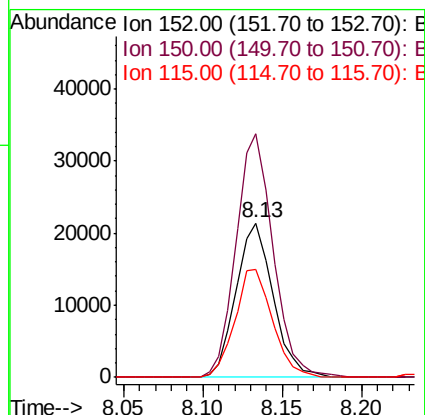
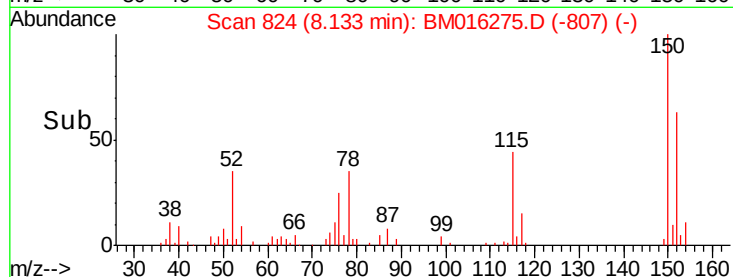
115 69.9 43.0 64.4#



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: N.D. ng

RT: 5.66 min Scan# 404

Delta R.T. -0.00 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

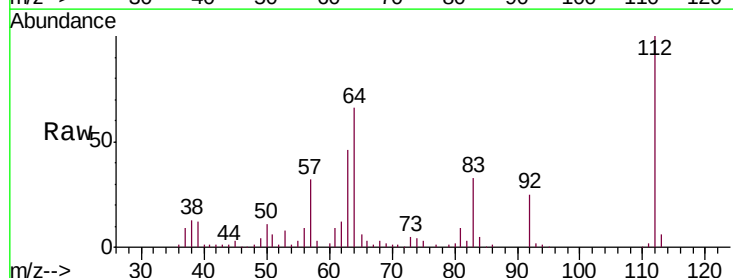
Tgt Ion:112 Resp: 145785

Ion Ratio Lower Upper

112 100

64 65.9 38.6 57.8#

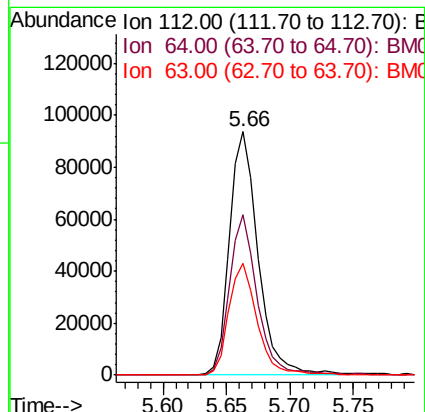
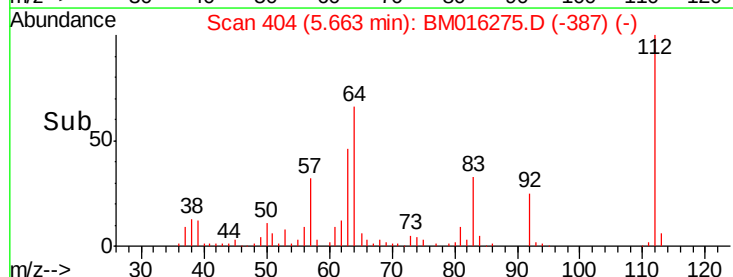
63 45.9 19.3 28.9#

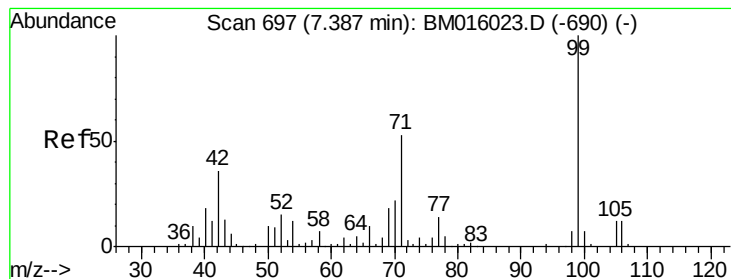


Abundance Ion 112.00 (111.70 to 112.70): E

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: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Instrument :

BNA_M

ClientSampleId :

MW-A02

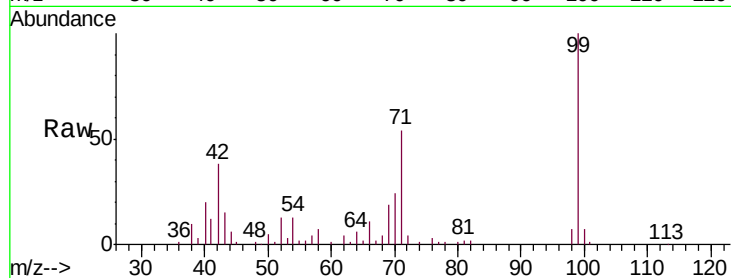
Tgt Ion: 99 Resp: 106967

Ion Ratio Lower Upper

99 100

42 38.1 11.0 16.4#

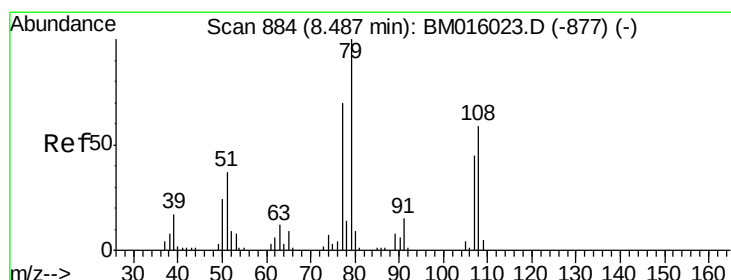
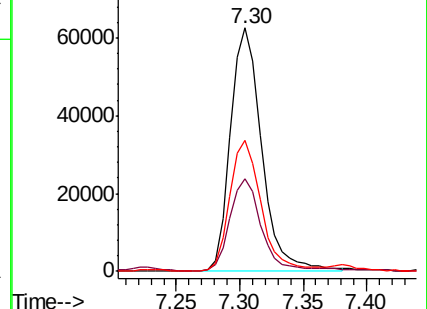
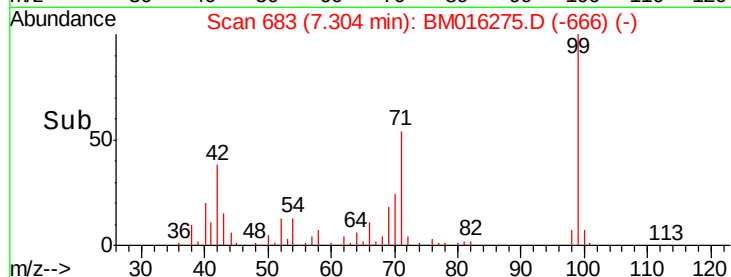
71 53.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016275.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016275.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016275.D (-666) (-)



#15

Benzyl Alcohol

Concen: 3.189 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.06 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

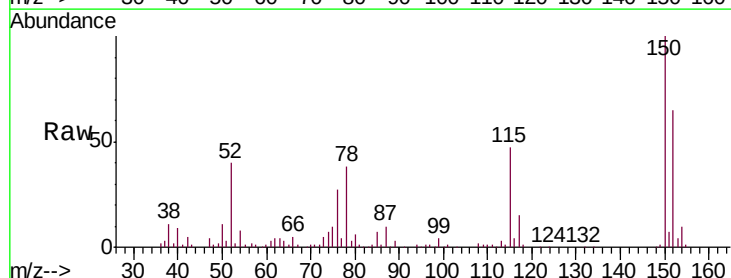
Tgt Ion: 79 Resp: 6930

Ion Ratio Lower Upper

79 100

108 67.3 65.0 97.4

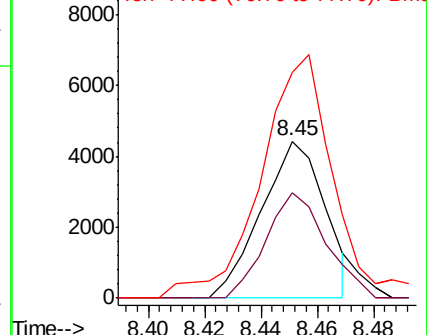
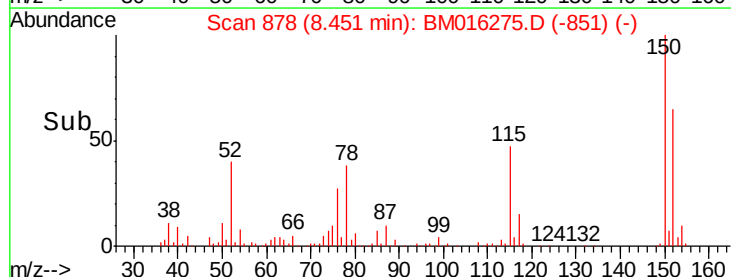
77 143.2 53.0 79.6#

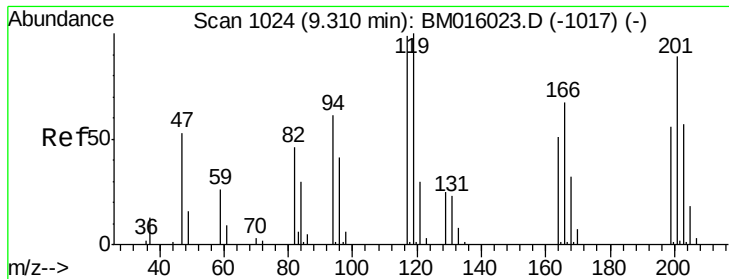


Abundance Ion 79.00 (78.70 to 79.70): BM016275.D (-851) (-)

Ion 108.00 (107.70 to 108.70): BM016275.D (-851) (-)

Ion 77.00 (76.70 to 77.70): BM016275.D (-851) (-)





#18

Hexachloroethane

Concen: 2.531 ng

RT: 9.23 min Scan# 1011

Delta R.T. 0.02 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Instrument :

BNA_M

ClientSampleId :

MW-A02

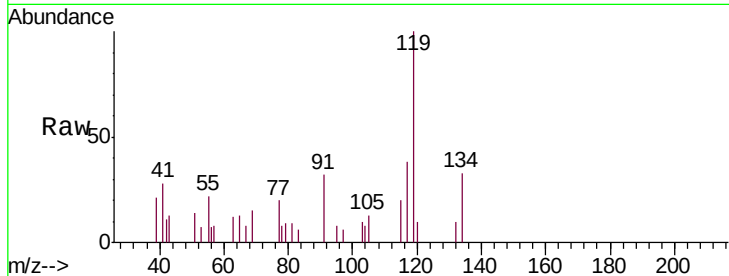
Tgt Ion:117 Resp: 3226

Ion Ratio Lower Upper

117 100

119 265.2 79.2 118.8#

201 0.0 69.8 104.6#

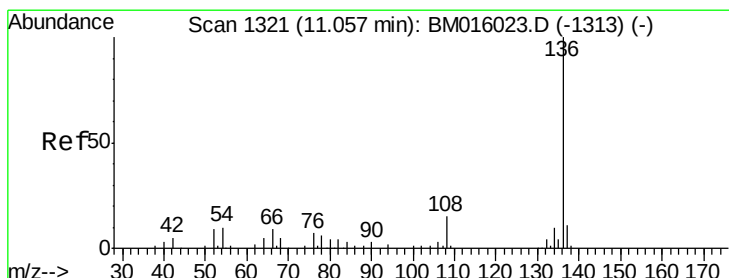
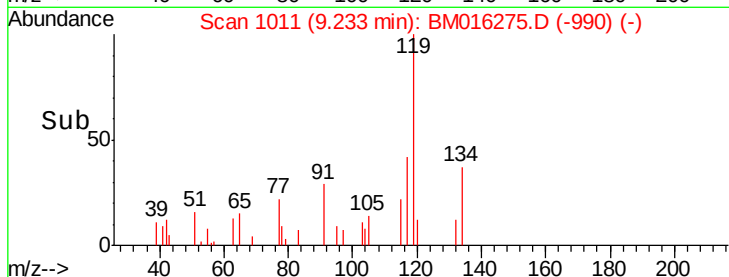
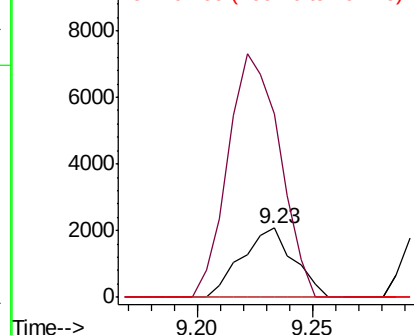


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Tgt Ion:136 Resp: 127565

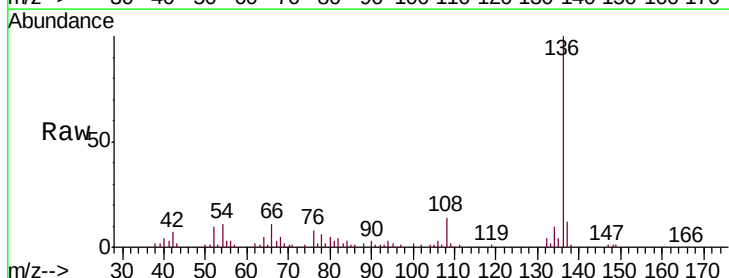
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 11.2 4.6 6.8#

68 4.6 3.7 5.5



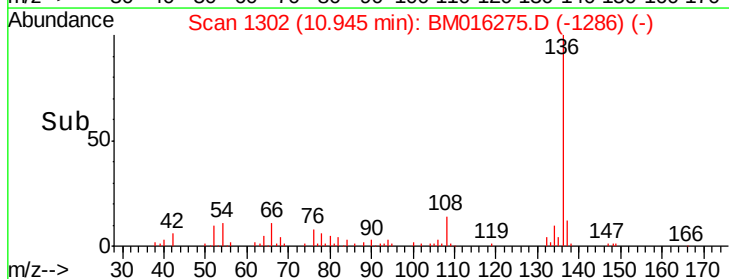
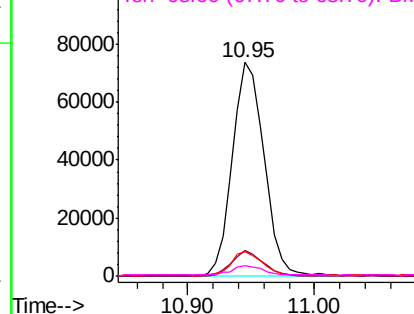
Abundance

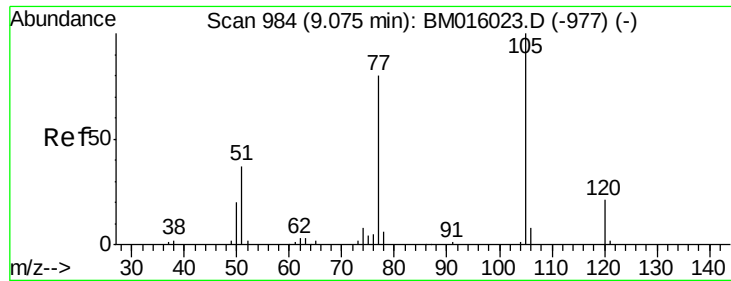
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

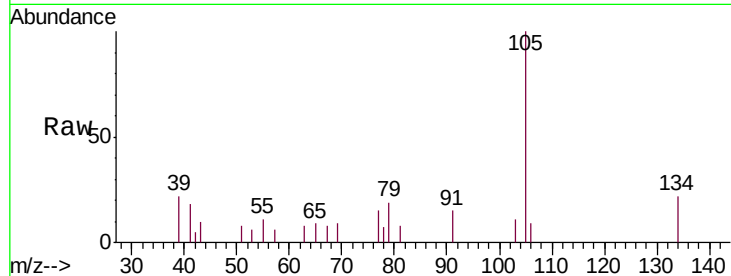




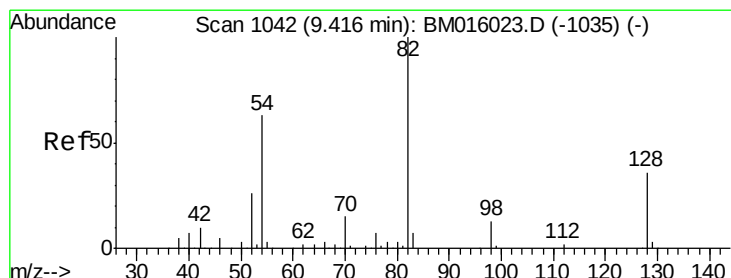
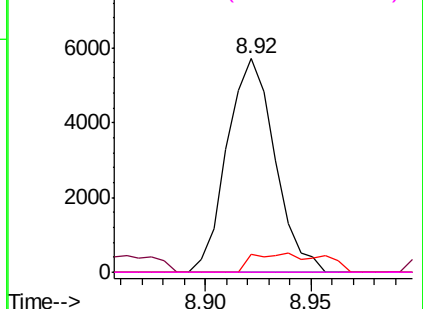
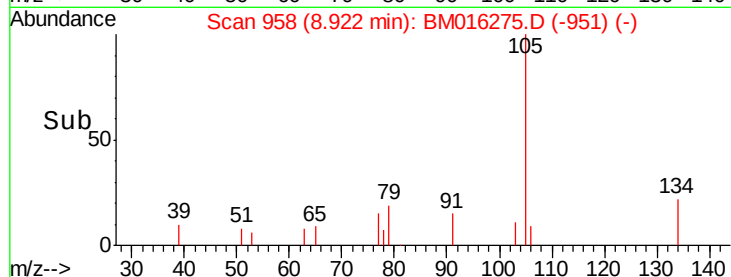
#22
Acetophenone
Concen: 2.790 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.06 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion: 105 Resp: 8962
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 8.1 21.6 32.4#
120 0.0 16.1 24.1#

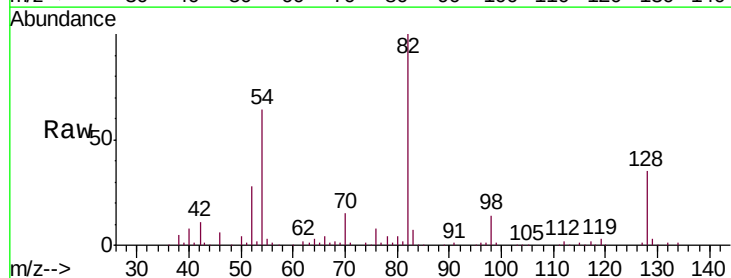


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

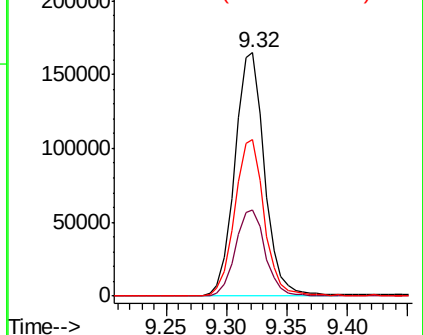
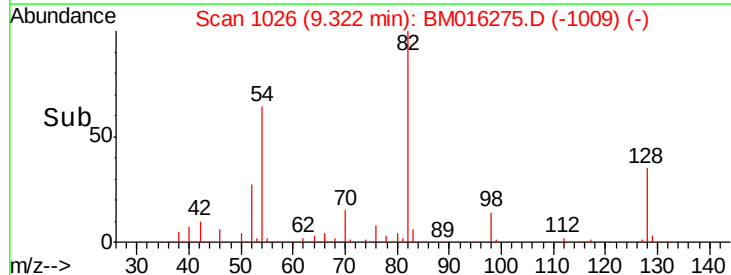


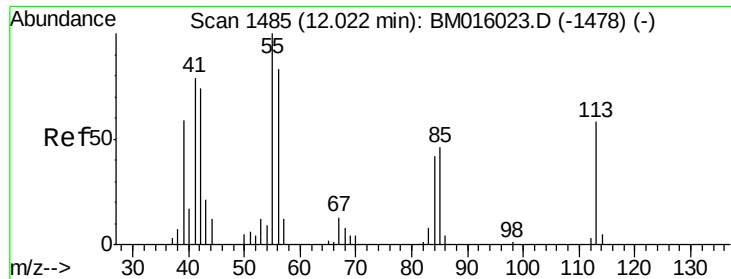
#23
Nitrobenzene-d5
Concen: 2.790 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Tgt Ion: 82 Resp: 284395
Ion Ratio Lower Upper
82 100
128 35.5 32.8 49.2
54 64.1 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

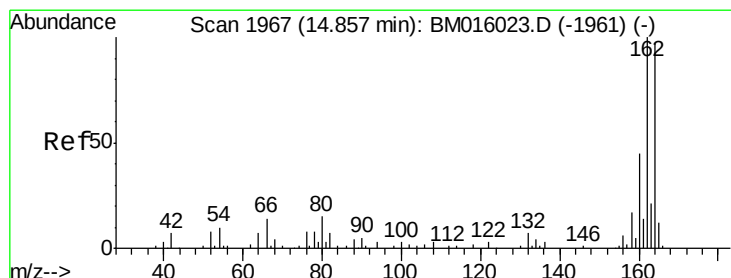
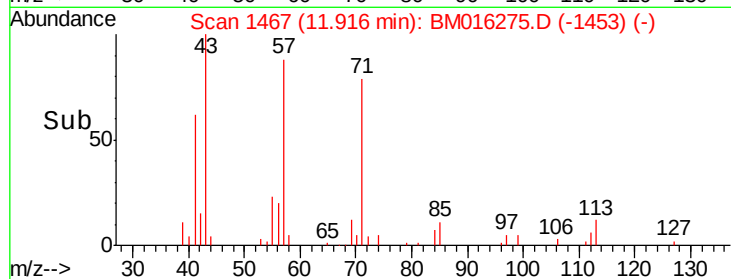
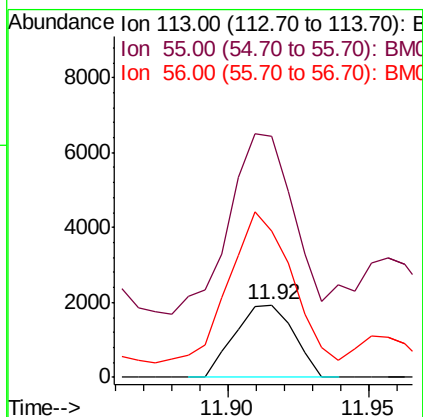
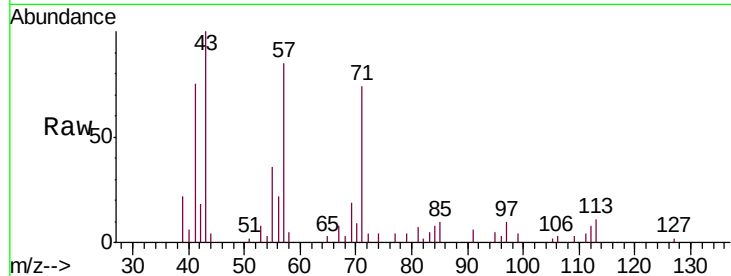




#35
 Caprolactam
 Concen: 5.272 ng
 RT: 11.92 min Scan# 1467
 Delta R.T. -0.02 min
 Lab File: BM016275.D
 Acq: 09 Aug 2018 11:11

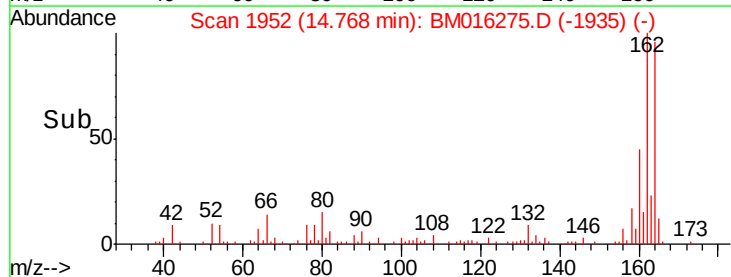
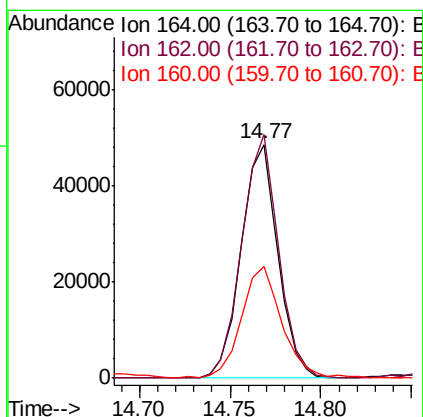
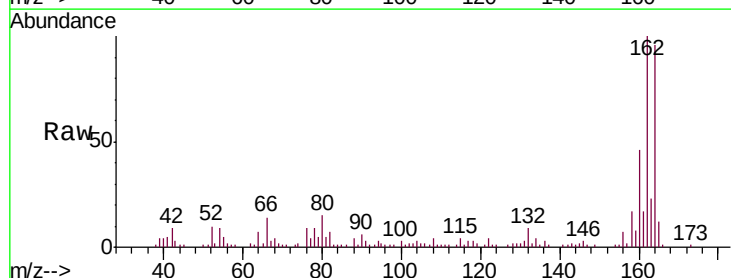
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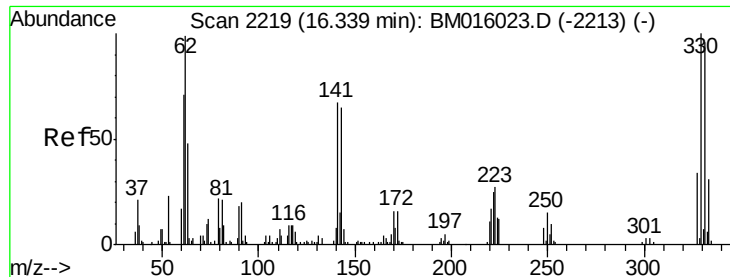
Tgt Ion: 113 Resp: 2786
 Ion Ratio Lower Upper
 113 100
 55 332.9 145.9 185.9#
 56 203.1 101.0 141.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BM016275.D
 Acq: 09 Aug 2018 11:11

Tgt Ion: 164 Resp: 68514
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.4 123.6
 160 47.9 35.8 53.6

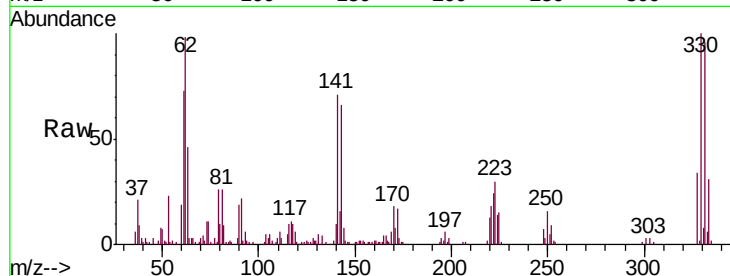




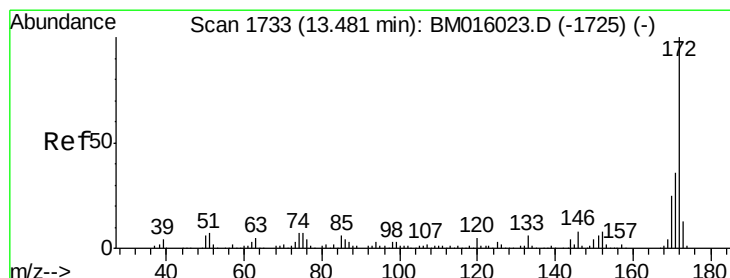
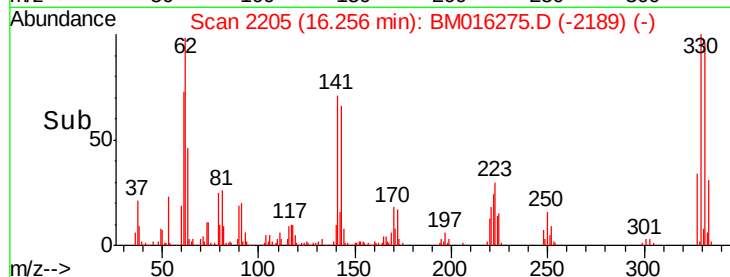
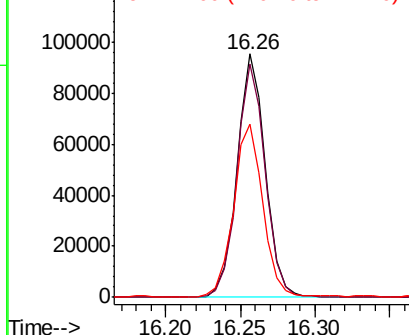
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016275.D
 Acq: 09 Aug 2018 11:11

Instrument :
 BNA_M
 ClientSampleId :
 MW-A02

Tgt Ion: 330 Resp: 124858
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 75.0 0.0 0.0#

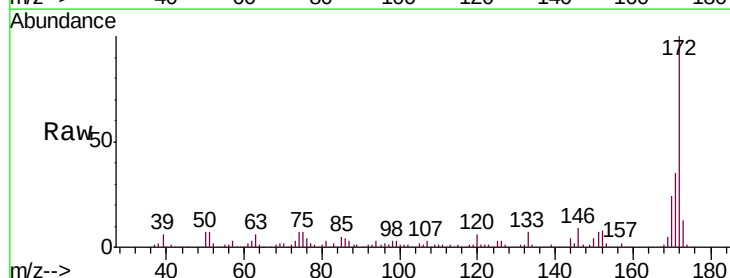


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

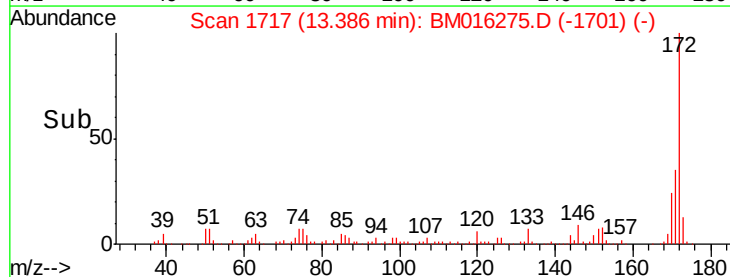
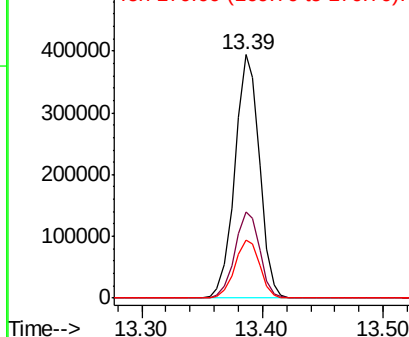


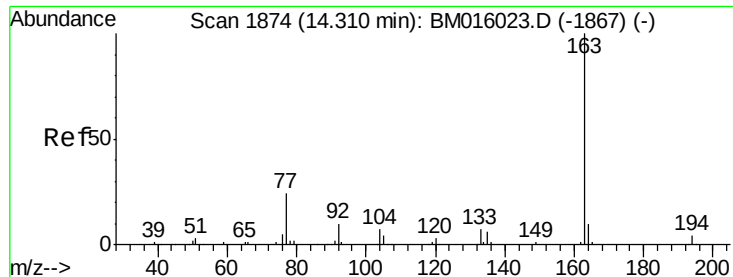
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016275.D
 Acq: 09 Aug 2018 11:11

Tgt Ion: 172 Resp: 560728
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.8 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





#49

Dimethylphthalate

Concen: 4.100 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Instrument :

BNA_M

ClientSampleId :

MW-A02

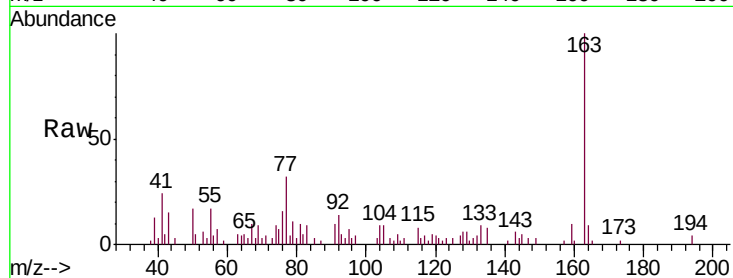
Tgt Ion:163 Resp: 24584

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

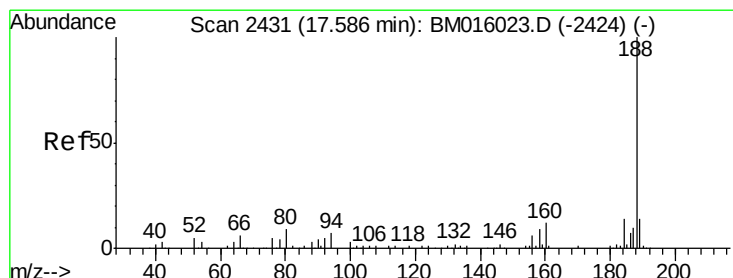
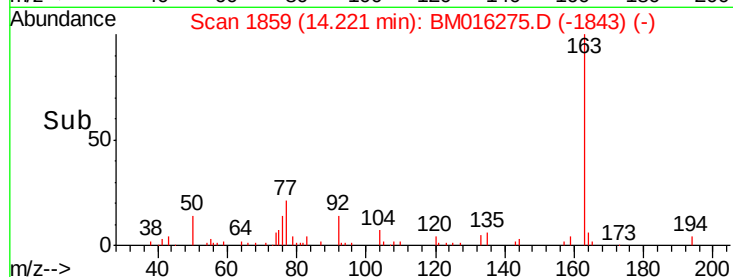
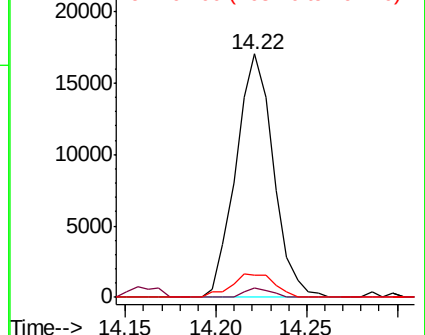
164 9.2 8.2 12.2



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: 17.50 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

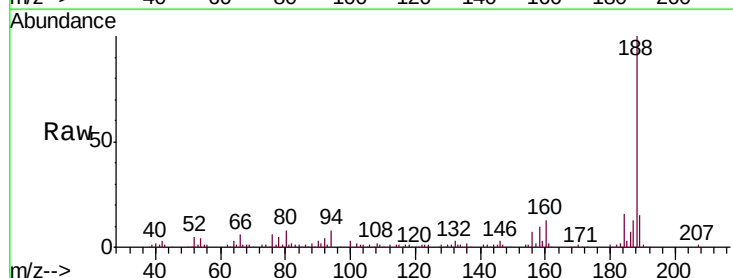
Tgt Ion:188 Resp: 131451

Ion Ratio Lower Upper

188 100

94 7.7 8.7 13.1#

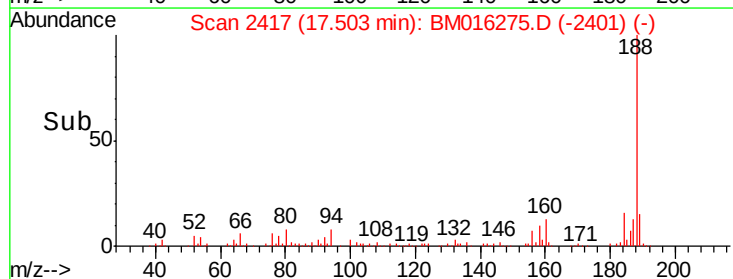
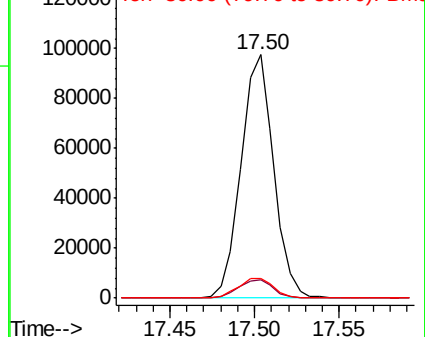
80 7.9 9.3 13.9#

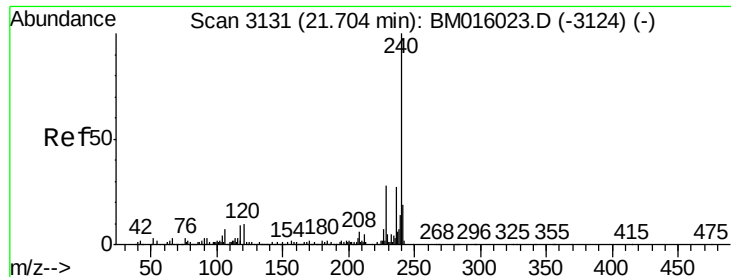


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

Instrument :

BNA_M

ClientSampleId :

MW-A02

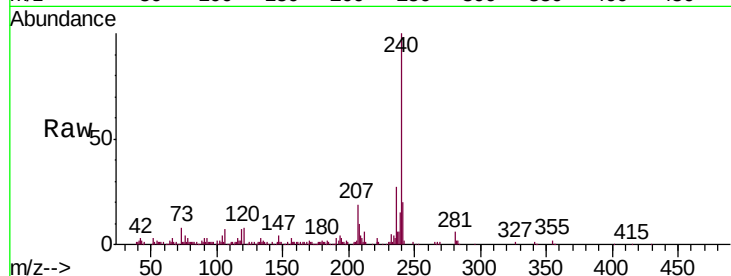
Tgt Ion:240 Resp: 138714

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

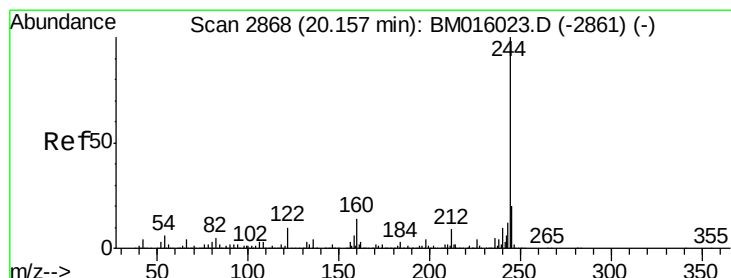
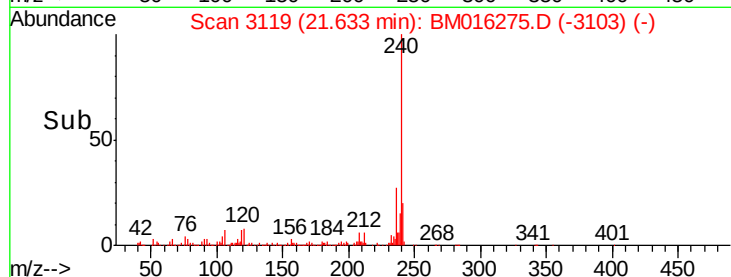
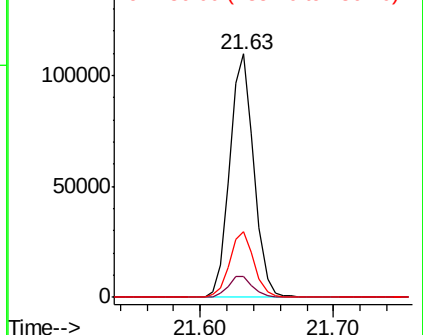
236 27.0 20.0 30.0



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: Below ng

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016275.D

Acq: 09 Aug 2018 11:11

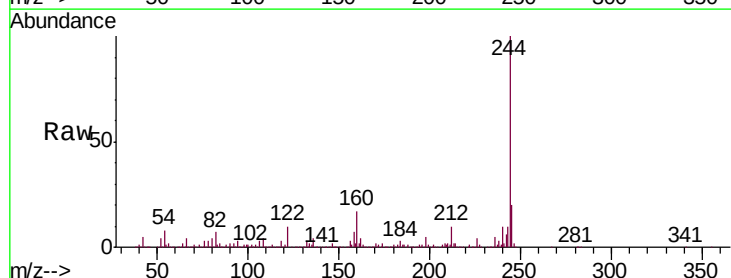
Tgt Ion:244 Resp: 721337

Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

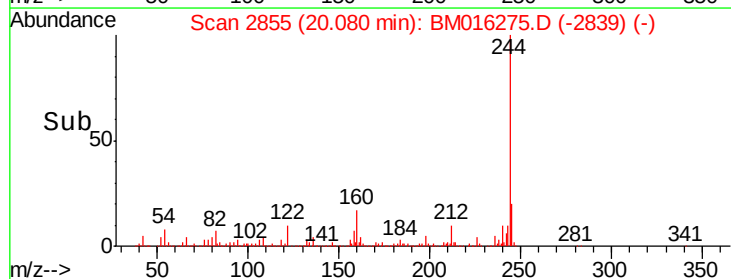
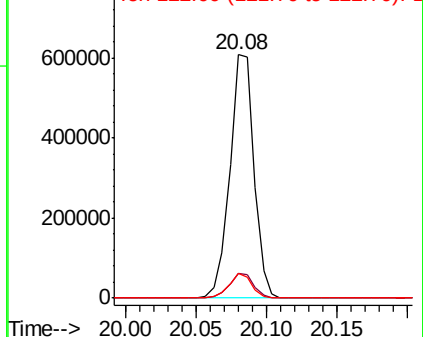
122 10.0 6.2 9.4#

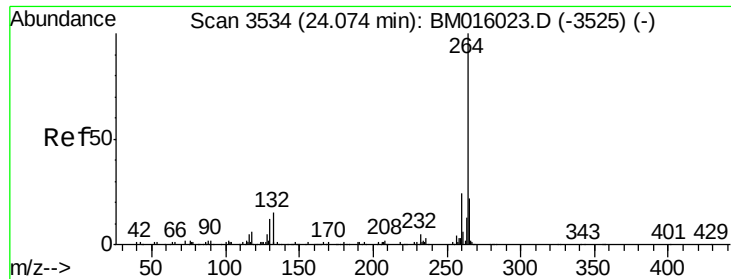


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016275.D
Acq: 09 Aug 2018 11:11

Instrument :
BNA_M
ClientSampleId :
MW-A02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	24.4	17.3	25.9

