

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020116.D
 Acq On : 03 May 2019 17:40
 Operator : JU/SJ
 Sample : K2677-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 23:55:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

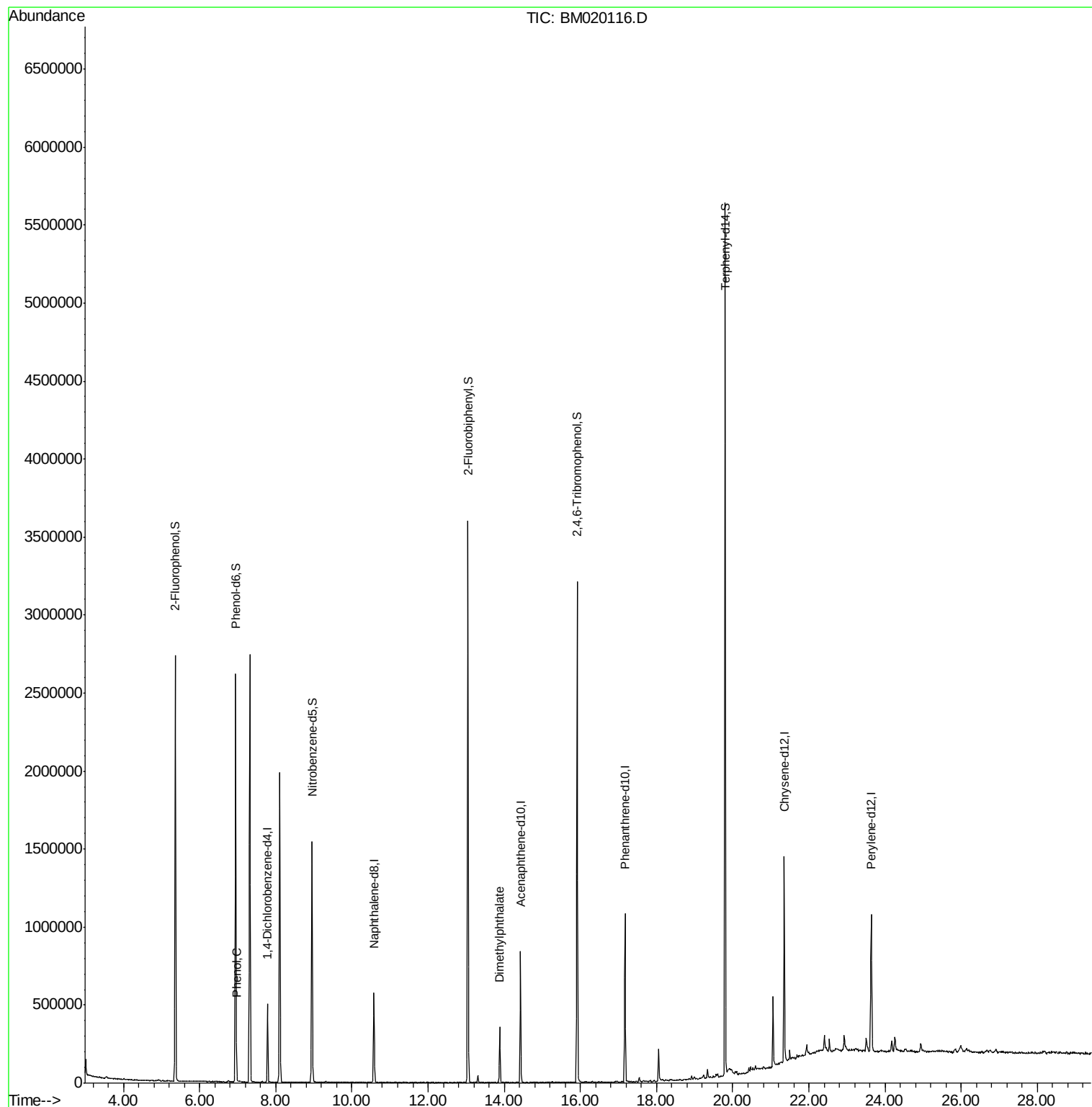
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	117218	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	439268	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	263379	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	606093	20.00	ng	0.00
76) Chrysene-d12	21.36	240	574939	20.00	ng	-0.01
87) Perylene-d12	23.64	264	661714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	941733	131.32	ng	0.00
7) Phenol-d6	6.95	99	1324568	135.21	ng	0.00
23) Nitrobenzene-d5	8.95	82	954013	85.74	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	532354	130.22	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1715163	80.12	ng	-0.01
79) Terphenyl-d14	19.80	244	2401775	72.86	ng	-0.01
Target Compounds						
10) Phenol	6.97	94	42692	4.048	ng	94
50) Dimethylphthalate	13.89	163	212535	9.494	ng	99

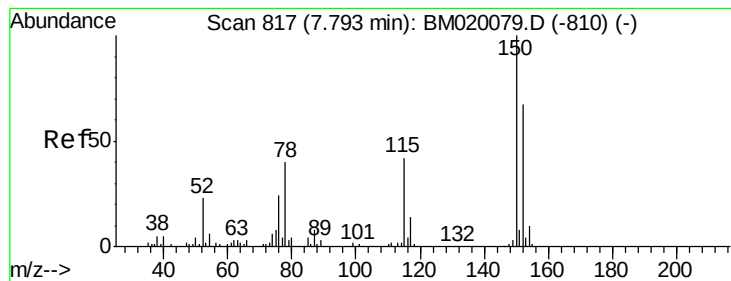
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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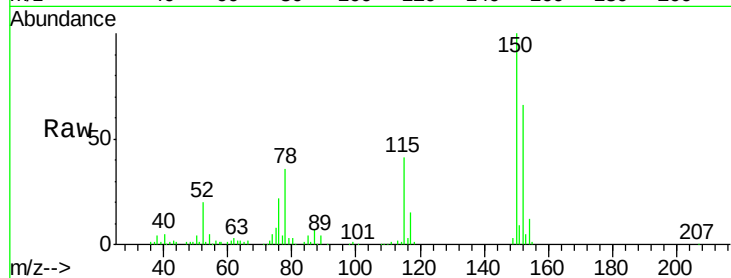


#1

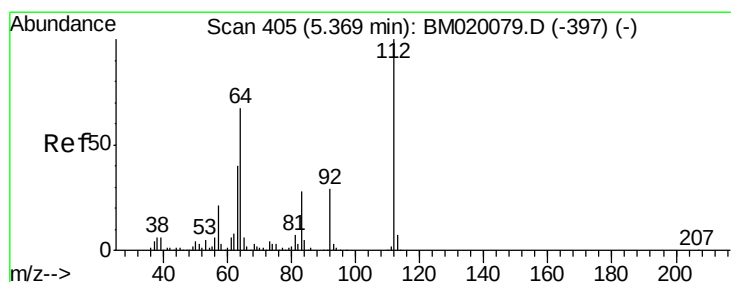
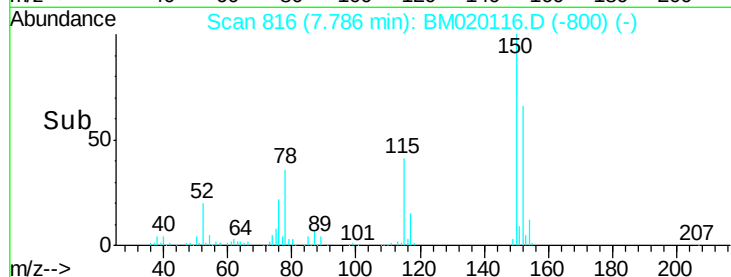
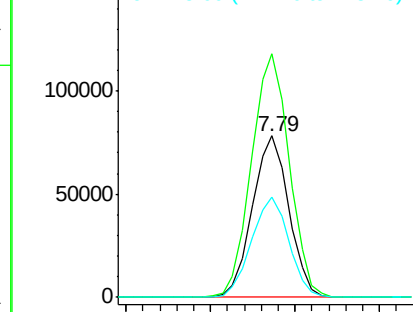
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020116.D
Acq: 03 May 2019 17:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 117218
Ion Ratio Lower Upper
152 100
150 150.9 119.8 179.8
115 62.3 50.8 76.2



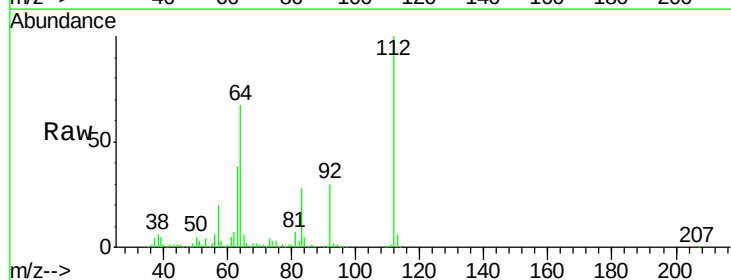
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



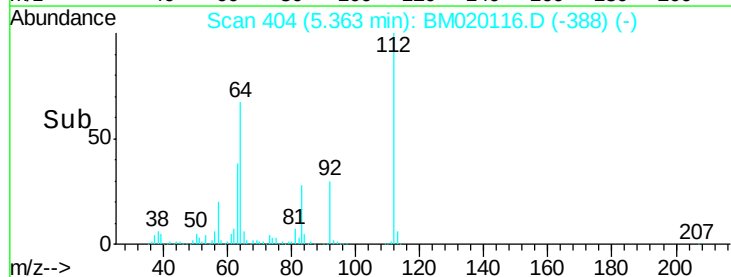
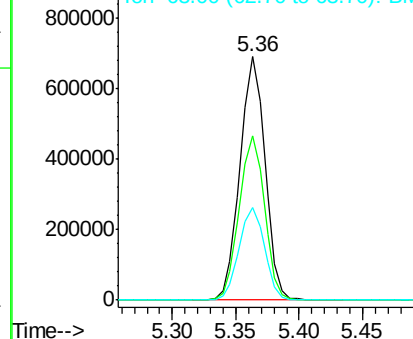
#5

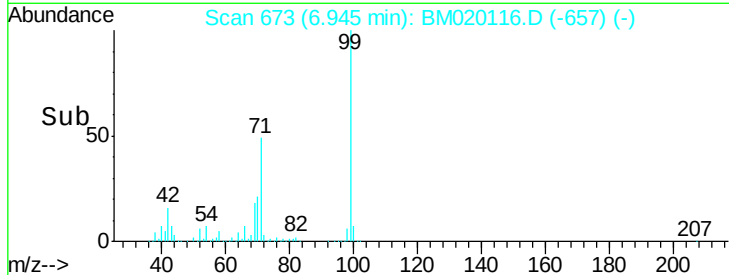
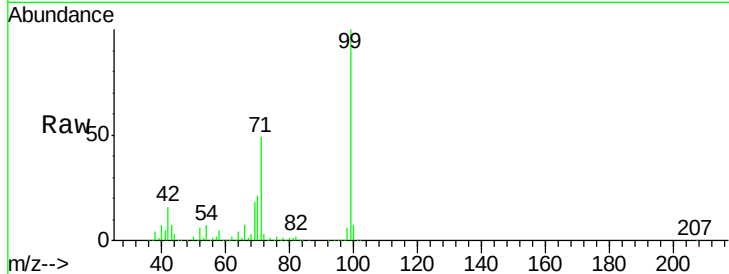
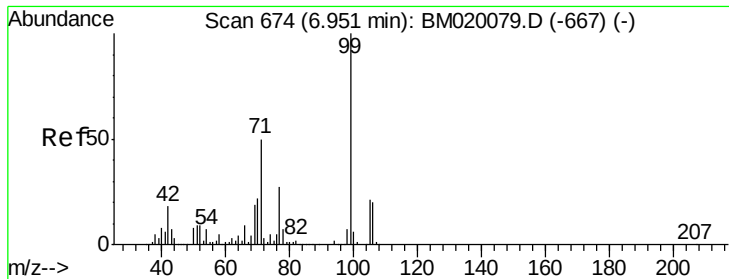
2-Fluorophenol
Concen: 131.324 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020116.D
Acq: 03 May 2019 17:40

Tgt Ion:112 Resp: 941733
Ion Ratio Lower Upper
112 100
64 67.3 53.8 80.6
63 38.2 32.3 48.5



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: 135.205 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

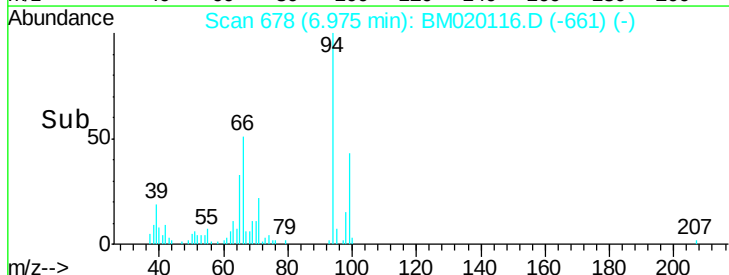
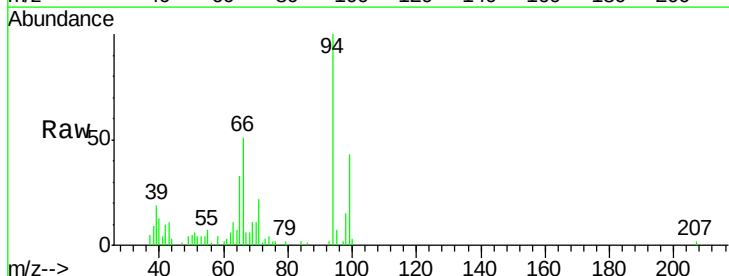
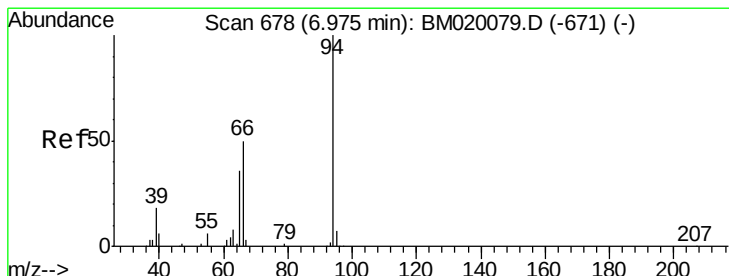
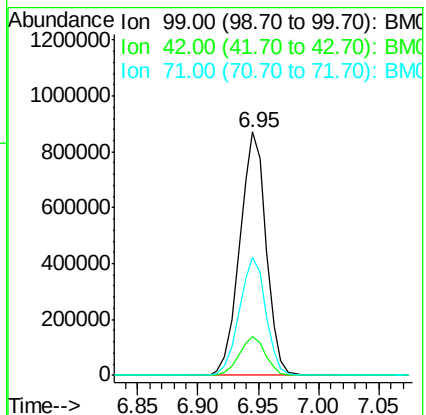
Tot Ion: 99 Resp: 1324568

Ion Ratio Lower Upper

99 100

42 15.9 14.2 21.2

71 48.5 40.3 60.5



#10

Phenol

Concen: 4.048 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

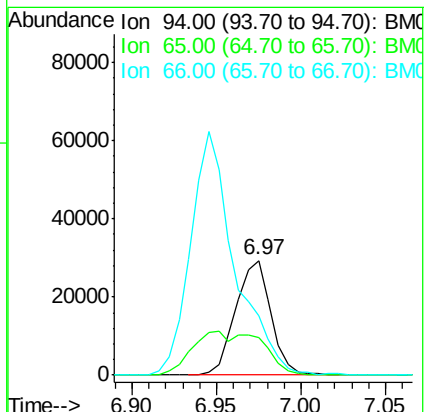
Tgt Ion: 94 Resp: 42692

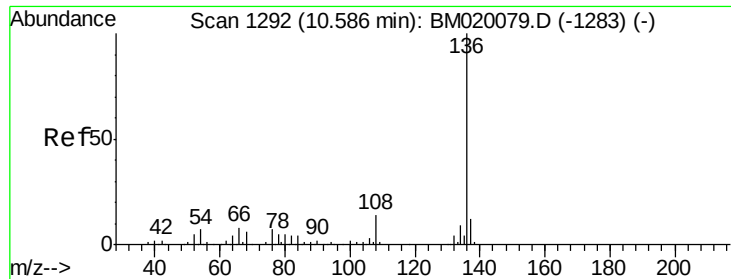
Ion Ratio Lower Upper

94 100

65 32.9 17.0 57.0

66 51.2 34.5 74.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 439268

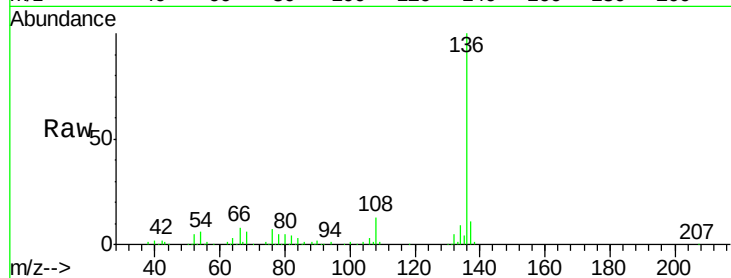
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.3 5.5 8.3

68 6.3 4.6 6.8

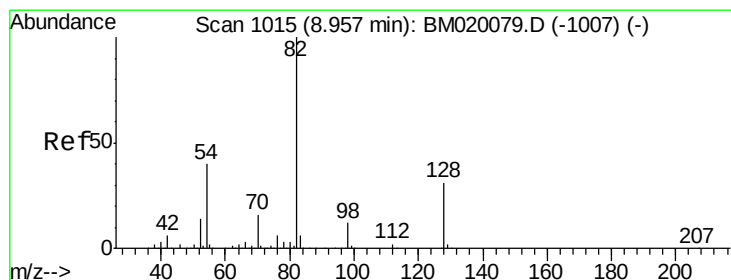
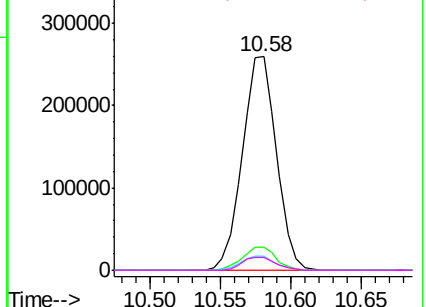
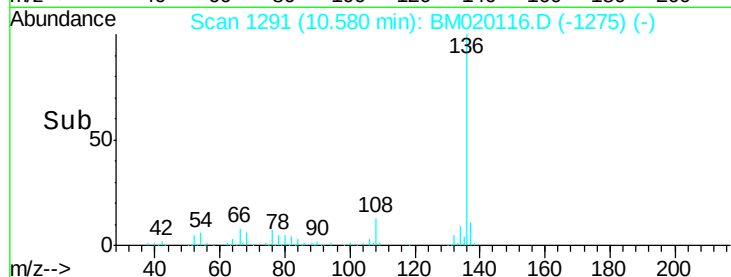


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.744 ng

RT: 8.95 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

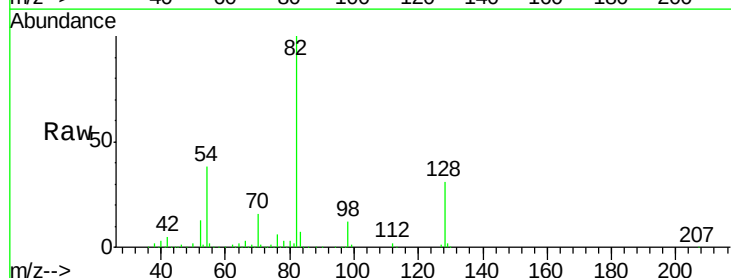
Tgt Ion: 82 Resp: 954013

Ion Ratio Lower Upper

82 100

128 31.4 25.2 37.8

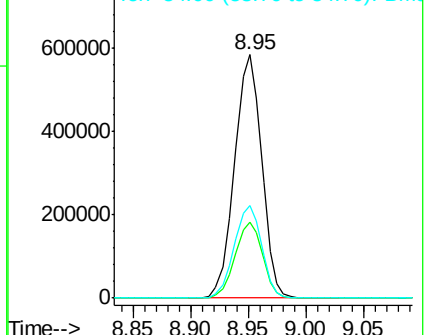
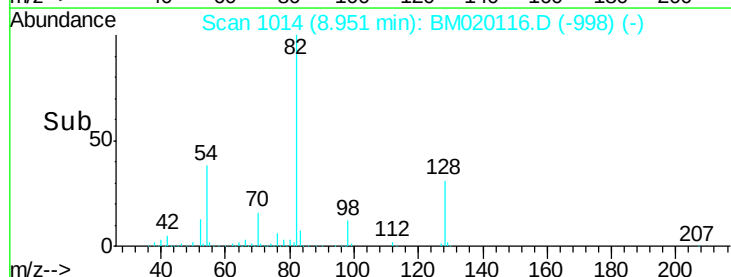
54 38.2 31.9 47.9

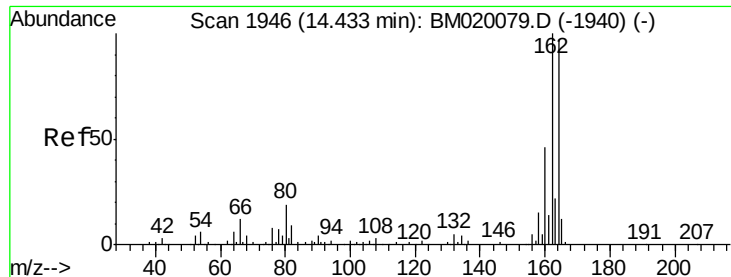


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

Instrument :

BNA_M

ClientSampleId :

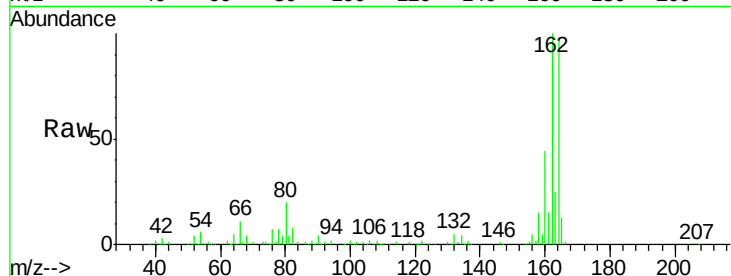
Tot Ion:164 Resp: 263379

Ion Ratio Lower Upper

164 100

162 101.7 82.2 123.2

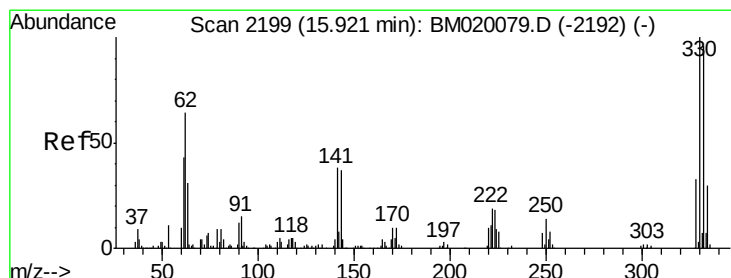
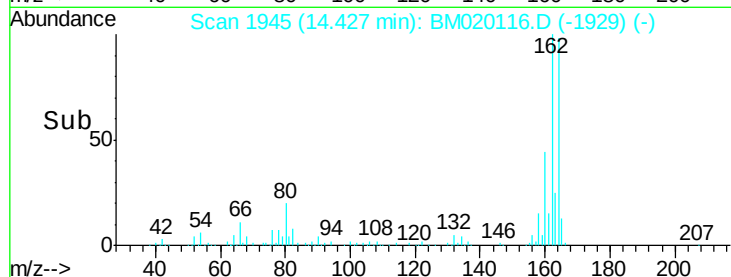
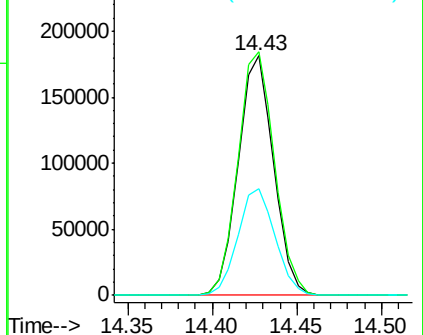
160 44.8 37.6 56.4



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



#42

2,4,6-Tribromophenol

Concen: 130.219 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

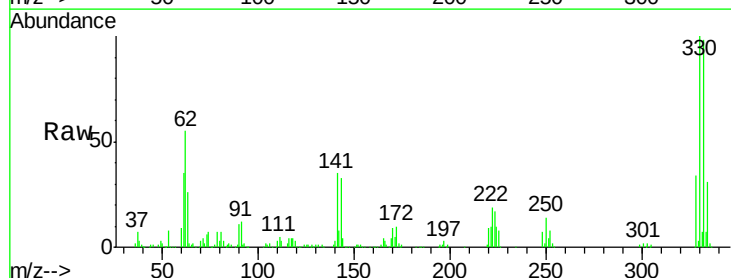
Tgt Ion:330 Resp: 532354

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

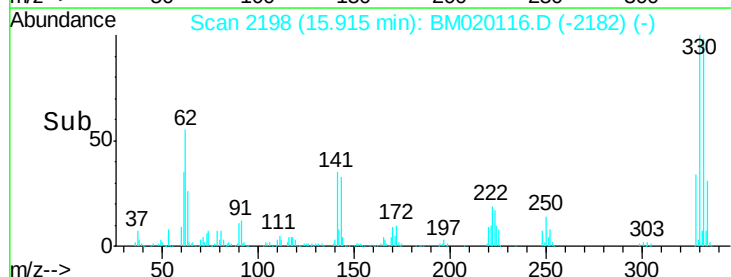
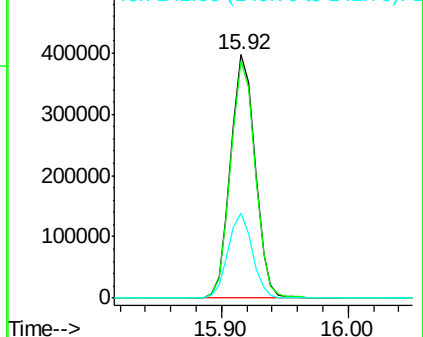
141 34.3 29.2 43.8

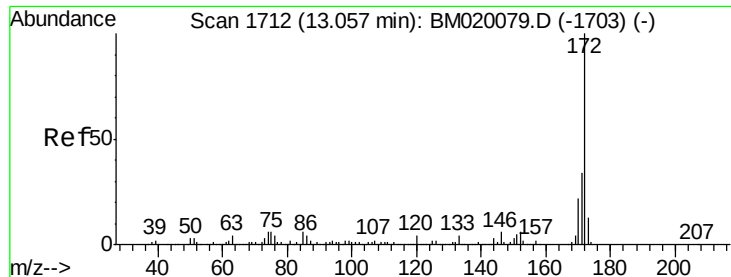


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

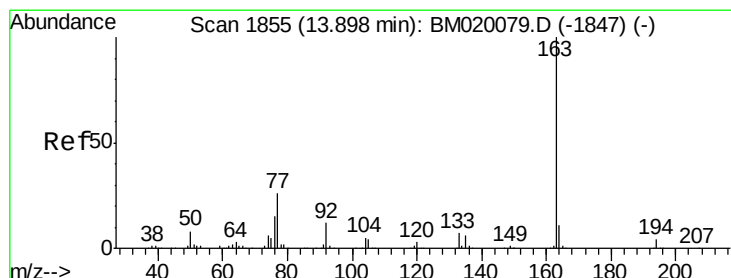
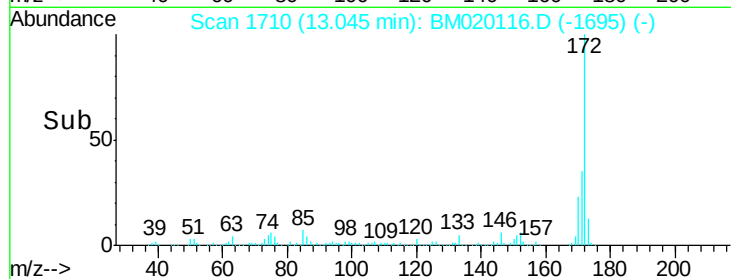
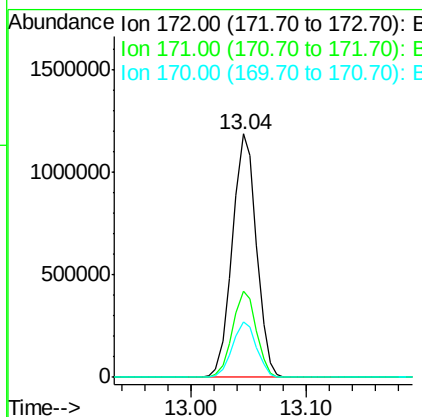
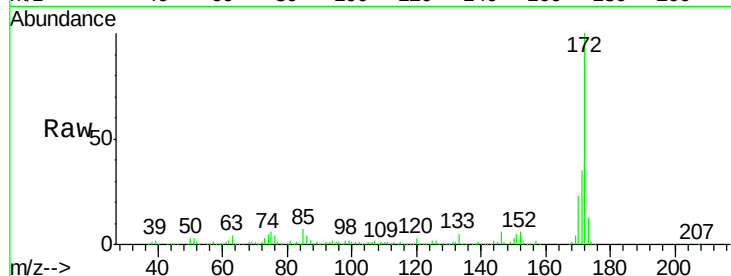




#45
2-Fluorobiphenyl
Concen: 80.123 ng
RT: 13.04 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020116.D
Acq: 03 May 2019 17:40

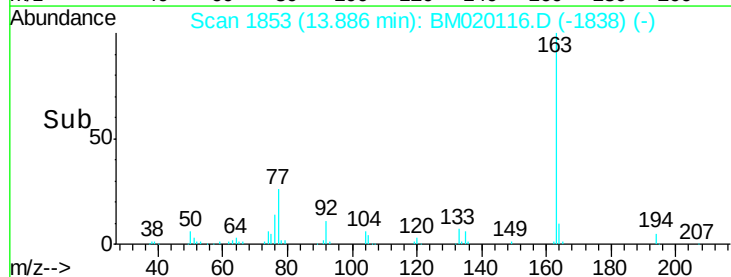
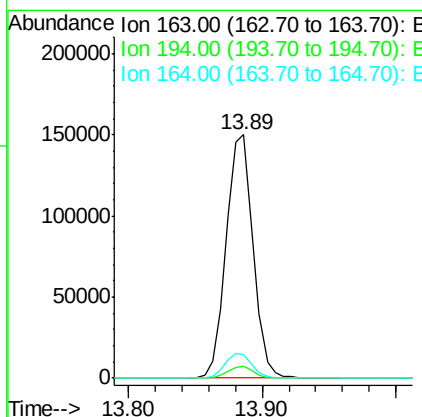
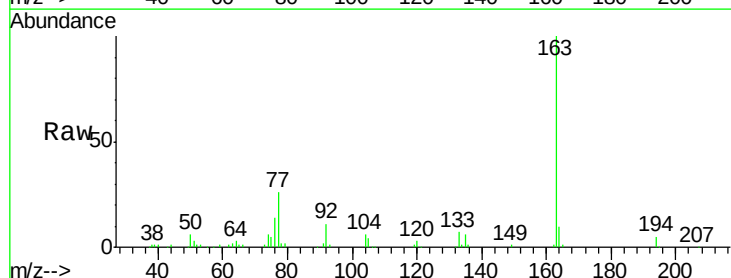
Instrument :
BNA_M
ClientSampleId :

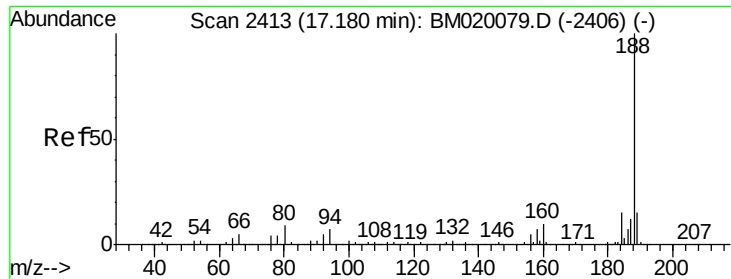
Tot Ion:172 Resp: 1715163
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 22.6 17.9 26.9



#50
Dimethylphthalate
Concen: 9.494 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020116.D
Acq: 03 May 2019 17:40

Tgt Ion:163 Resp: 212535
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 9.9 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

Instrument :

BNA_M

ClientSampleId :

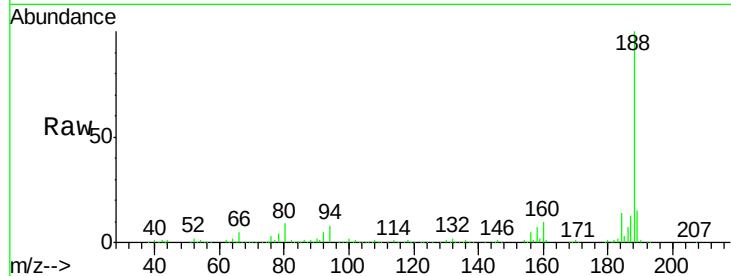
Tot Ion:188 Resp: 606093

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

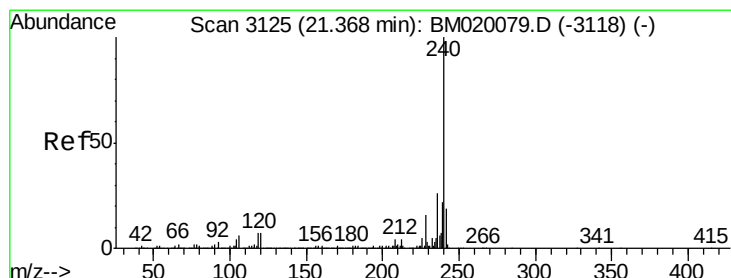
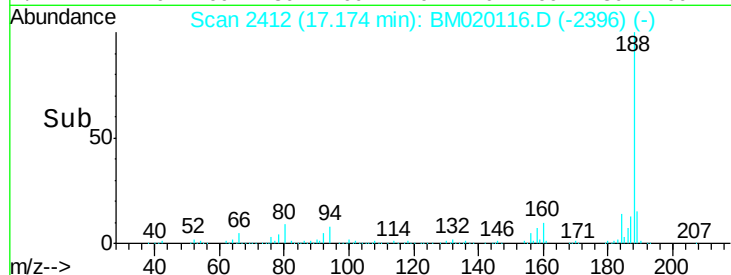
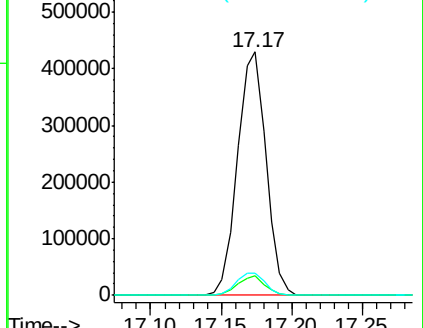
80 9.0 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

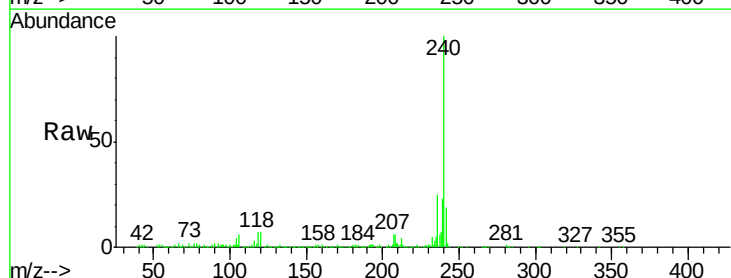
Tgt Ion:240 Resp: 574939

Ion Ratio Lower Upper

240 100

120 7.1 5.6 8.4

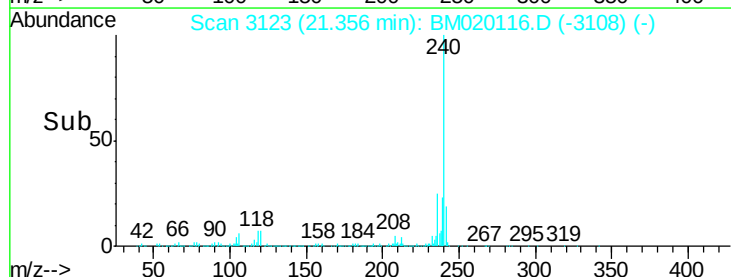
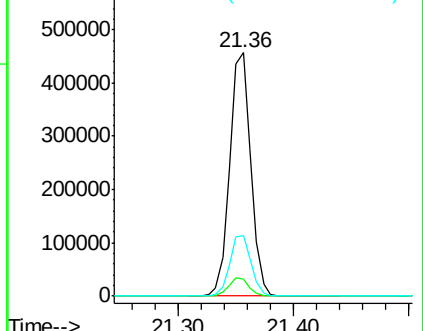
236 25.1 20.9 31.3

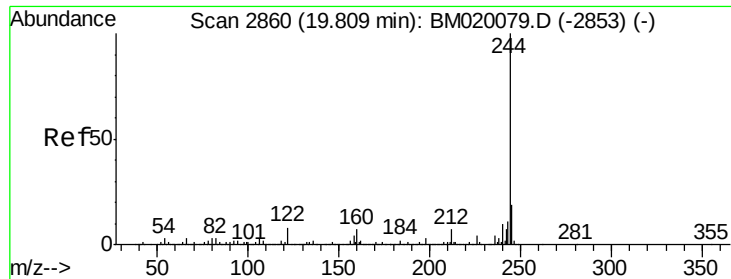


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.864 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

Instrument :

BNA_M

ClientSampled :

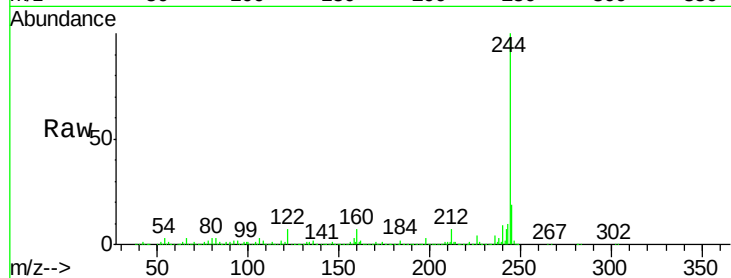
Tot Ion:244 Resp: 2401775

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

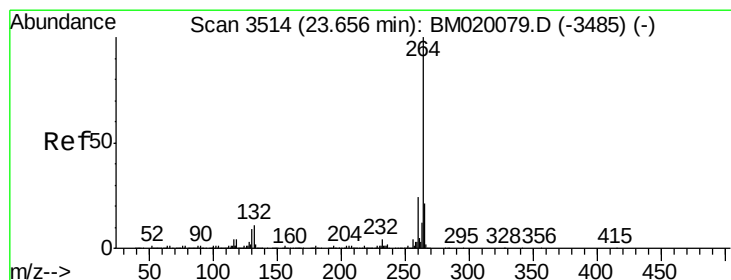
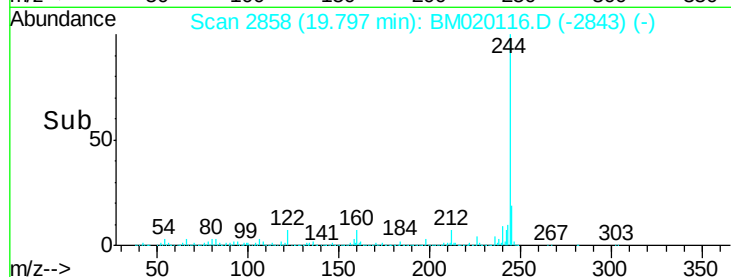
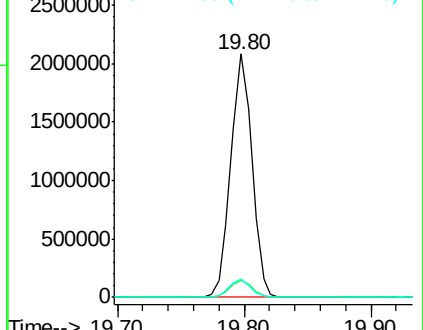
122 7.5 6.2 9.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020116.D

Acq: 03 May 2019 17:40

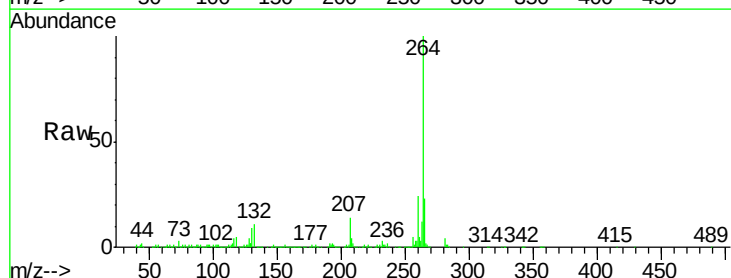
Tgt Ion:264 Resp: 661714

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.7 16.9 25.3



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

