

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019259.D
 Acq On : 20 Mar 2019 08:19
 Operator : JU/SJ
 Sample : K1948-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 INV-025-SW04-031319

Quant Time: Mar 20 09:41:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

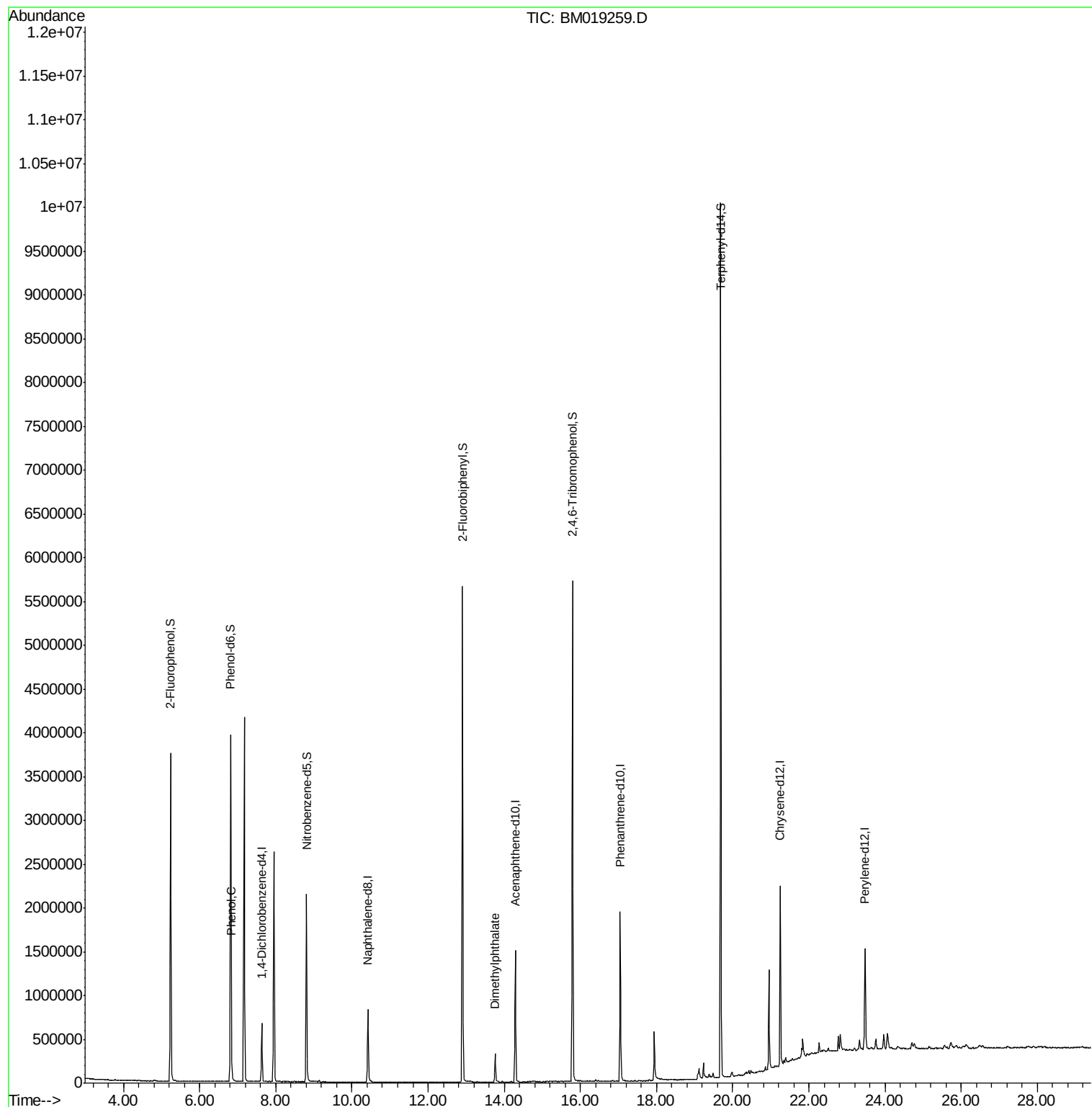
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	170789	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	730796	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	474010	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1076033	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	949477	20.00	ng	-0.03
87) Perylene-d12	23.47	264	837579	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1555125	147.46	ng	-0.02
7) Phenol-d6	6.82	99	2325319	150.74	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1384336	89.54	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1039756	148.57	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2727813	74.86	ng	-0.03
79) Terphenyl-d14	19.69	244	4347599	90.90	ng	-0.02
Target Compounds						
10) Phenol	6.84	94	34651	2.084	ng	Qvalue # 69
50) Dimethylphthalate	13.76	163	229248	5.654	ng	99

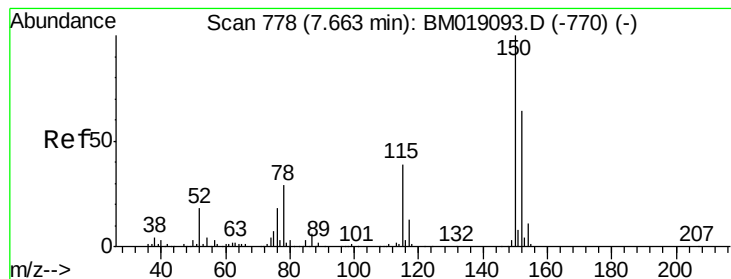
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.63 min Scan# 790

Delta R.T. -0.03 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

Instrument :

BNA_M

ClientSampleId :

INV-025-SW04-031319

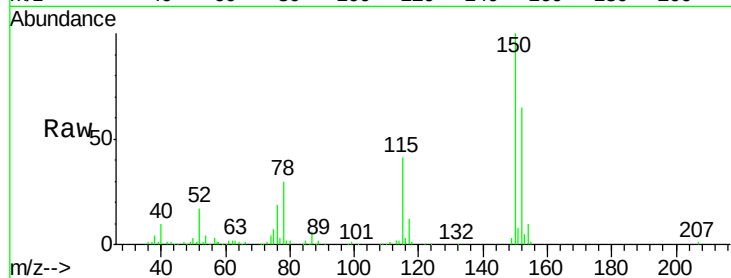
Tgt Ion:152 Resp: 170789

Ion Ratio Lower Upper

152 100

150 153.7 125.3 187.9

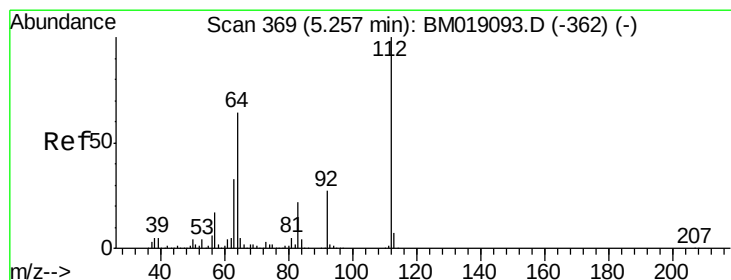
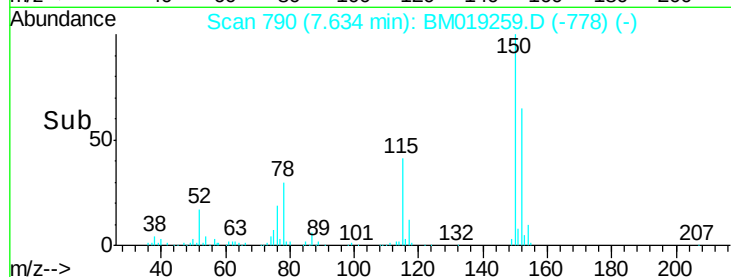
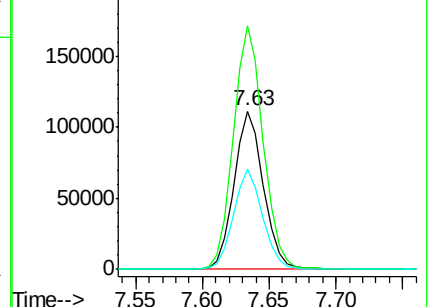
115 63.6 49.4 74.0



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: 147.462 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

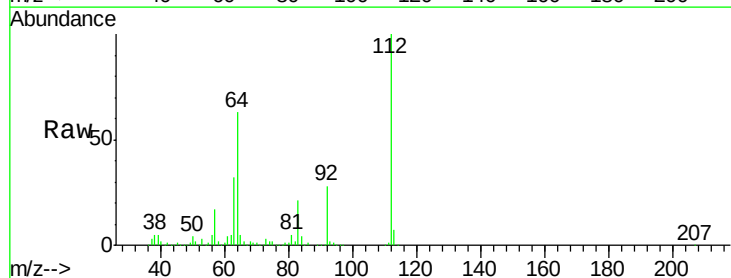
Tgt Ion:112 Resp: 1555125

Ion Ratio Lower Upper

112 100

64 62.8 51.4 77.0

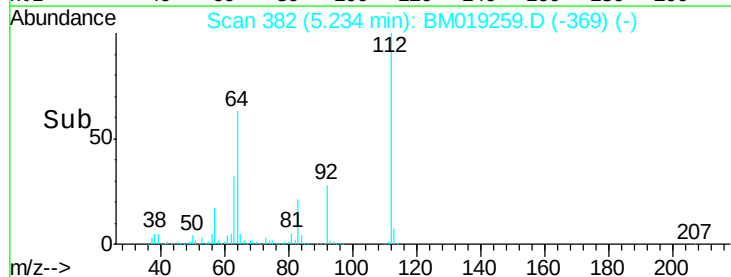
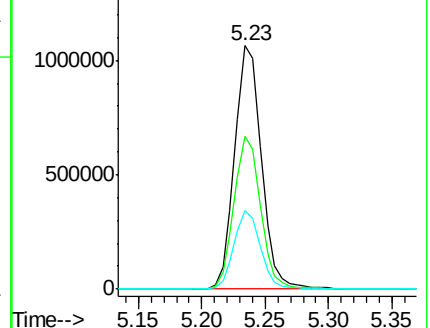
63 32.2 26.6 40.0

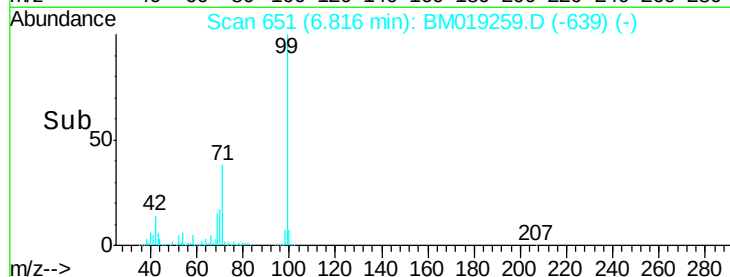
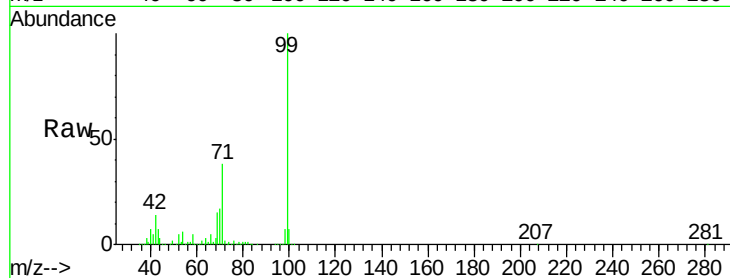
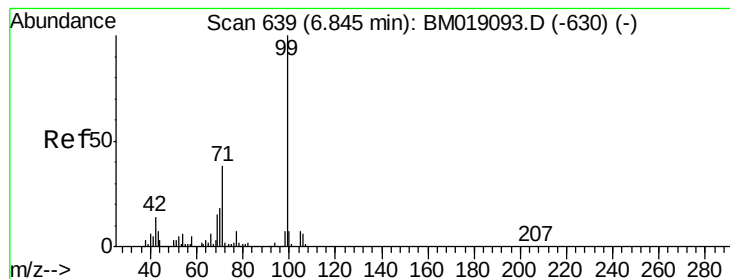


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 150.744 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.03 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

Instrument :

BNA_M

ClientSampleId :

INV-025-SW04-031319

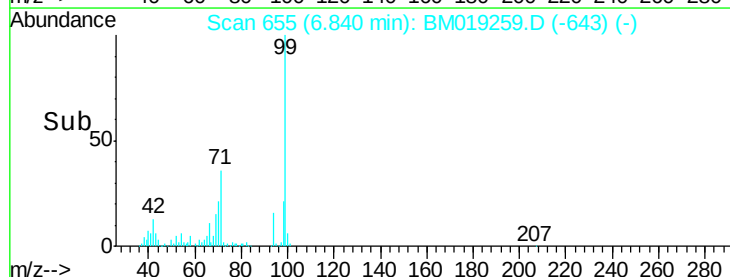
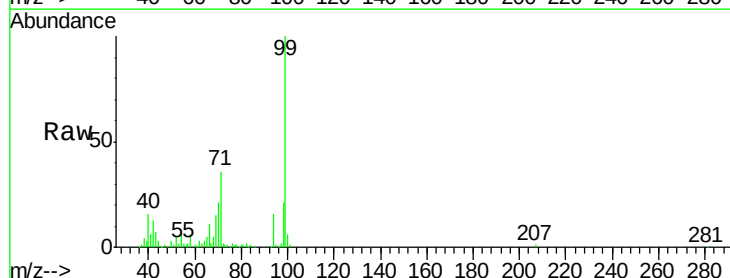
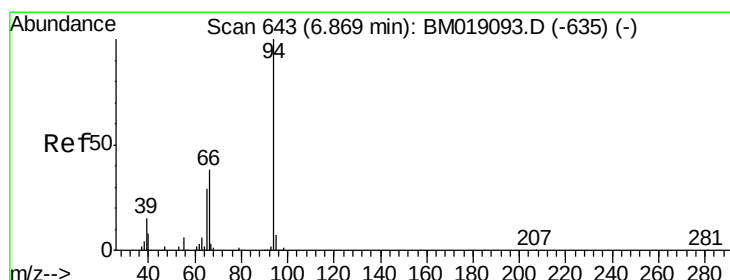
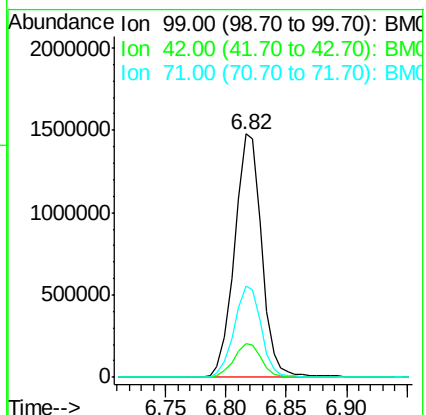
Tgt Ion: 99 Resp: 2325319

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

71 37.5 30.3 45.5



#10

Phenol

Concen: 2.084 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

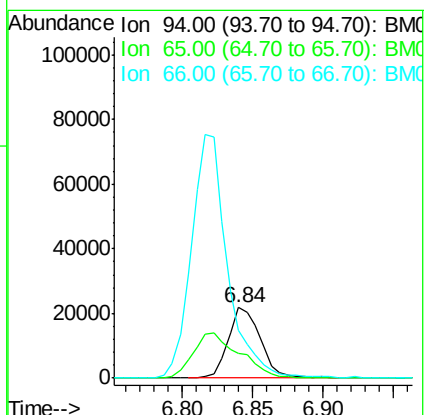
Tgt Ion: 94 Resp: 34651

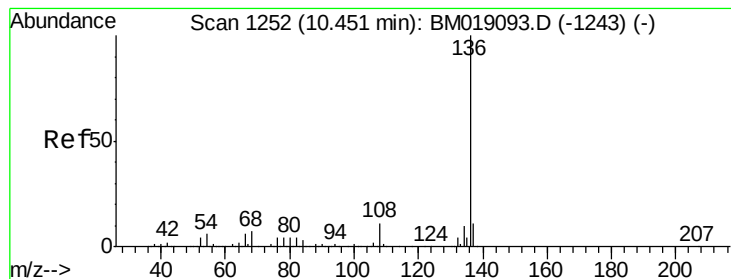
Ion Ratio Lower Upper

94 100

65 34.7 9.7 49.7

66 68.4 19.2 59.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 136 Resp: 730796

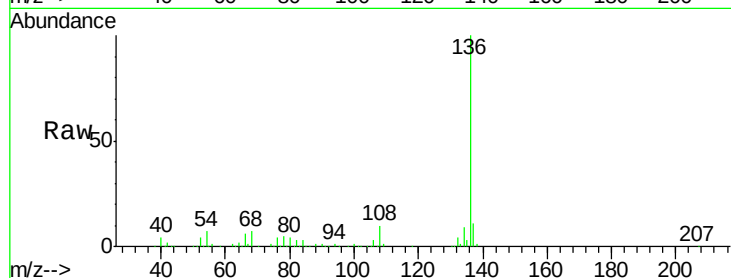
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.6 5.2 7.8

68 7.3 5.8 8.8

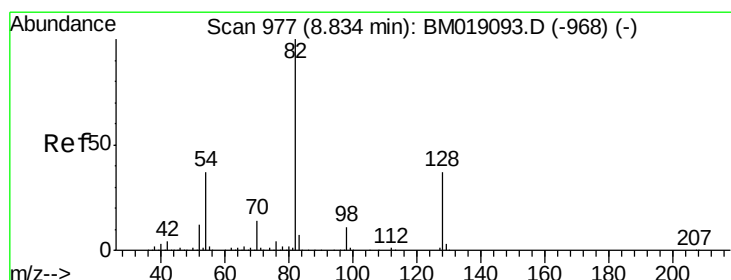
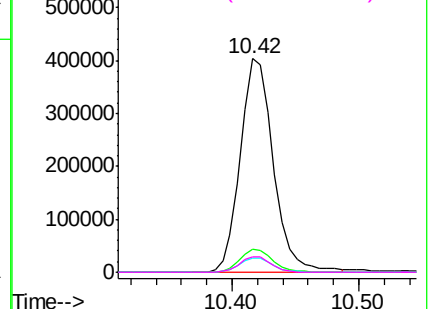
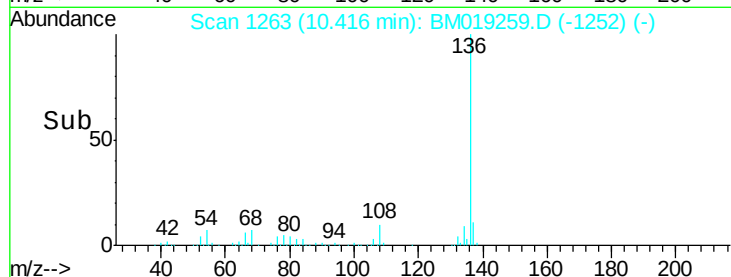


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.543 ng

RT: 8.80 min Scan# 989

Delta R.T. -0.03 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

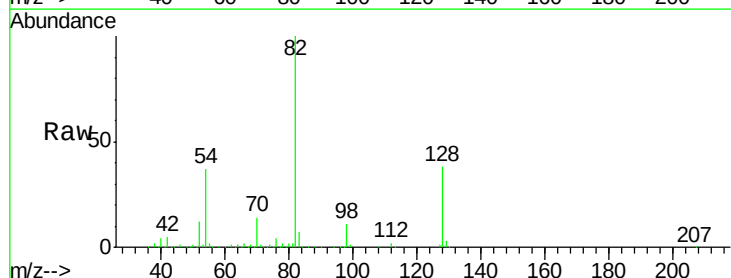
Tgt Ion: 82 Resp: 1384336

Ion Ratio Lower Upper

82 100

128 38.0 29.4 44.2

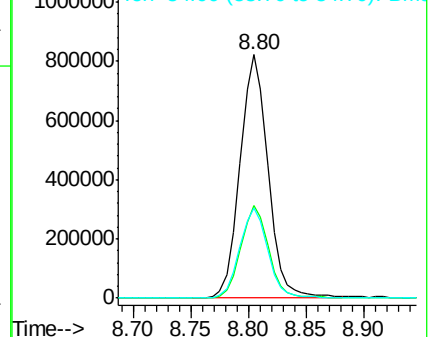
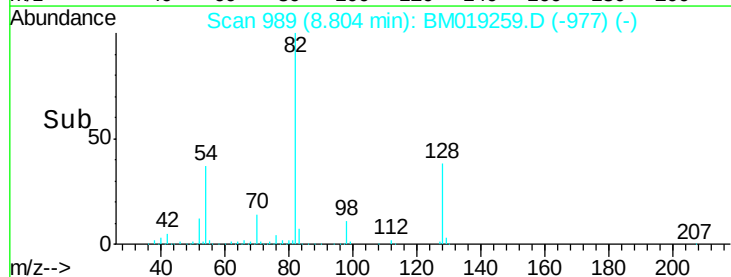
54 37.2 29.9 44.9

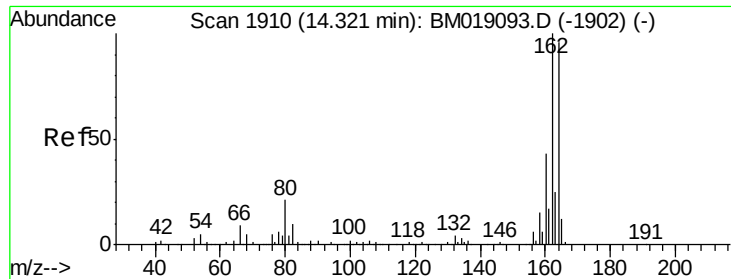


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

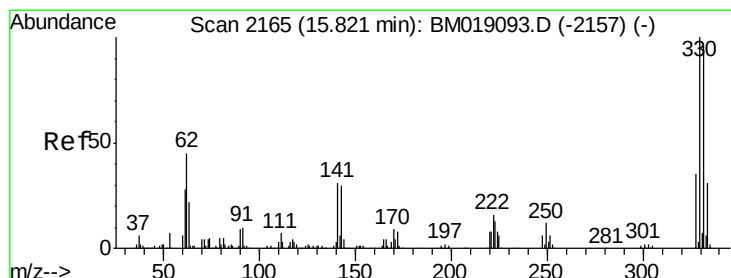
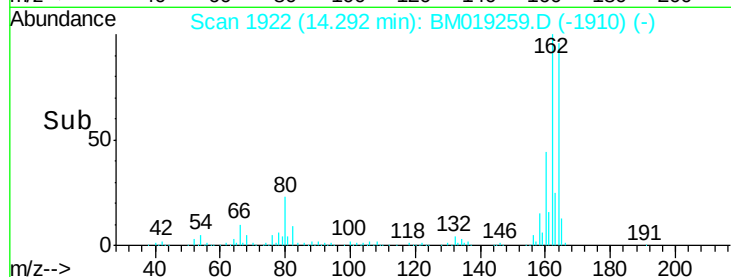
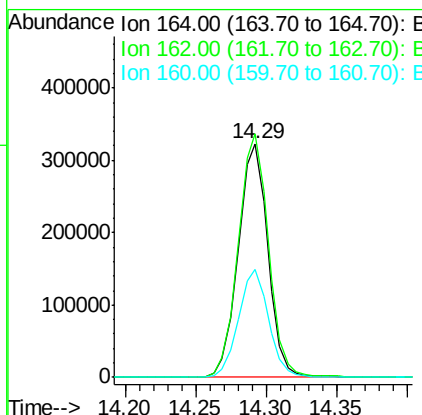
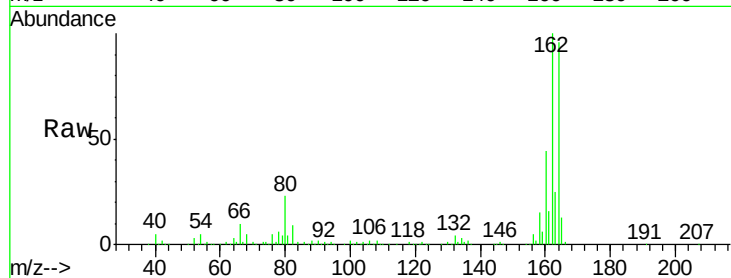




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BM019259.D
Acq: 20 Mar 2019 08:19

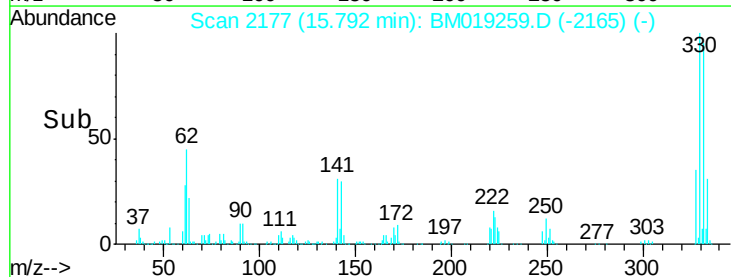
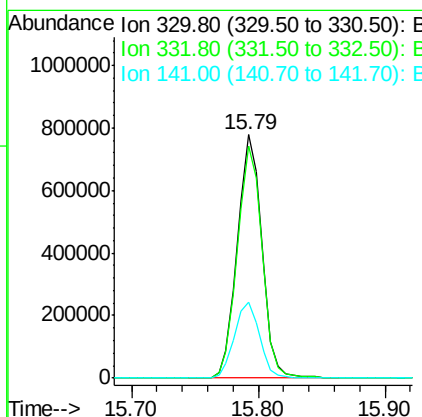
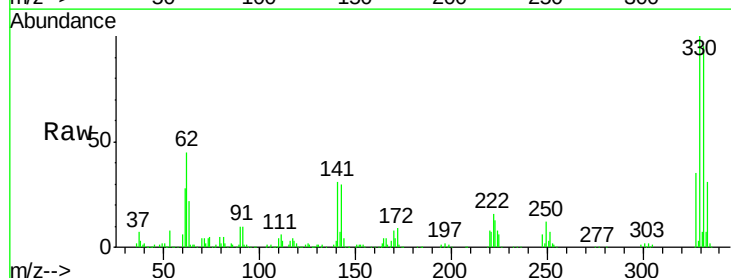
Instrument :
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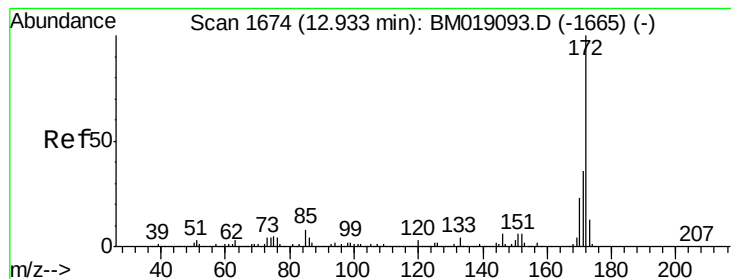
Tgt Ion:164 Resp: 474010
Ion Ratio Lower Upper
164 100
162 104.1 83.5 125.3
160 46.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 148.566 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019259.D
Acq: 20 Mar 2019 08:19

Tgt Ion:330 Resp: 1039756
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 32.1 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 74.856 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.03 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

Instrument :

BNA_M

ClientSampleId :

INV-025-SW04-031319

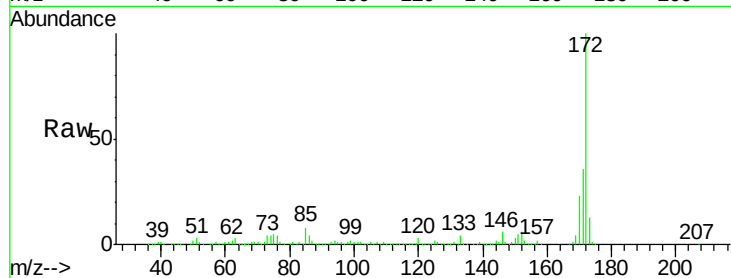
Tgt Ion:172 Resp: 2727813

Ion Ratio Lower Upper

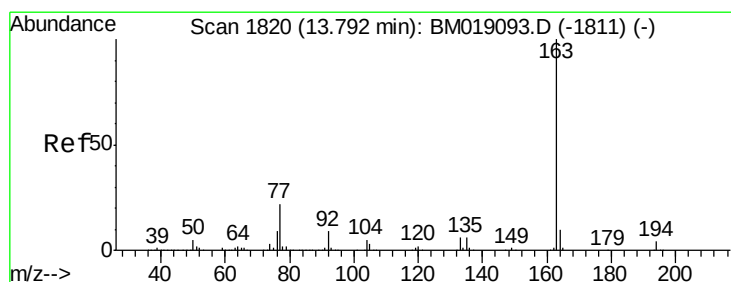
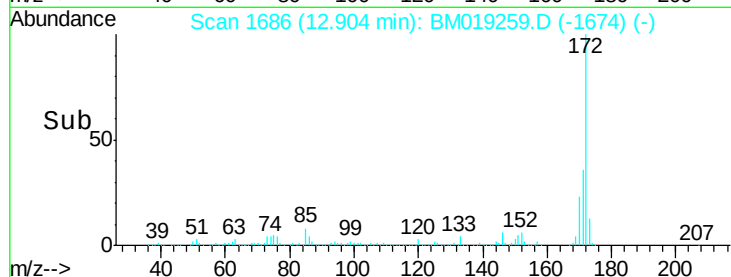
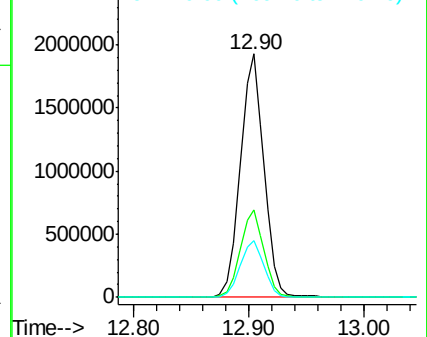
172 100

171 36.0 28.6 42.8

170 23.3 18.6 28.0



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



#50

Dimethylphthalate

Concen: 5.654 ng

RT: 13.76 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

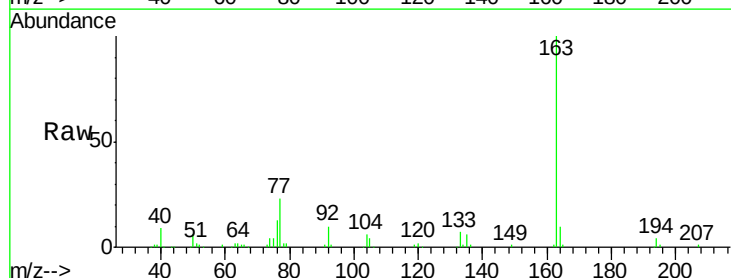
Tgt Ion:163 Resp: 229248

Ion Ratio Lower Upper

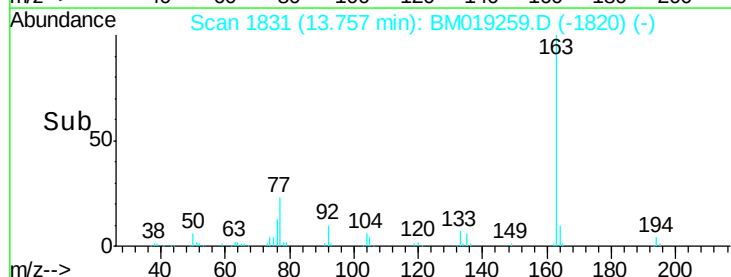
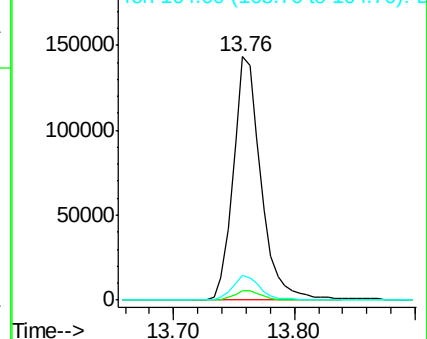
163 100

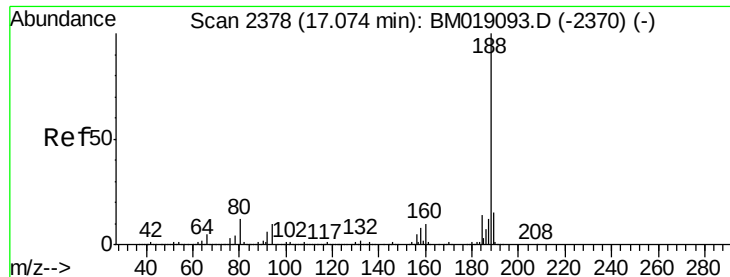
194 3.9 3.3 4.9

164 10.1 7.7 11.5



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

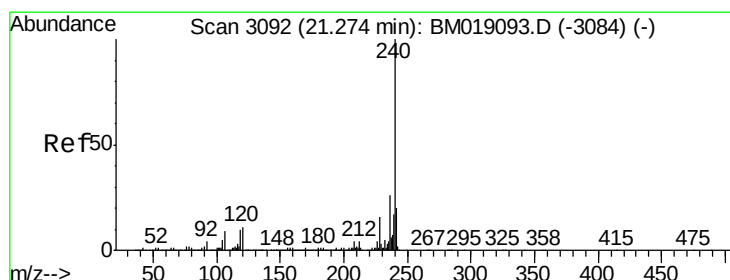
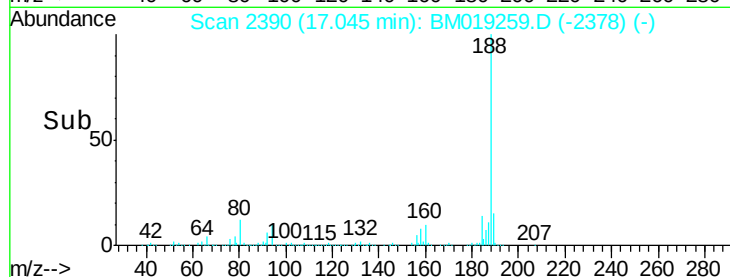
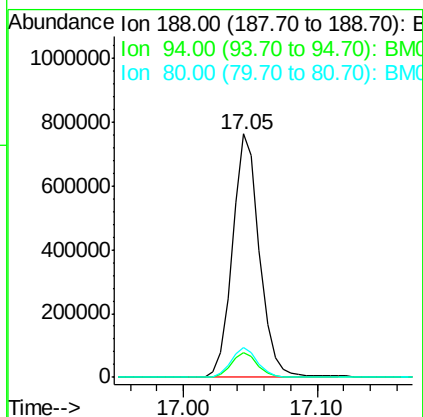
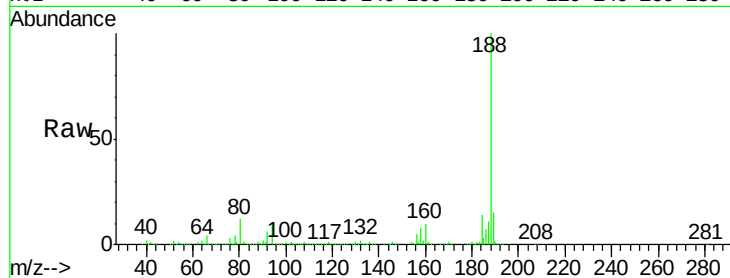




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019259.D
Acq: 20 Mar 2019 08:19

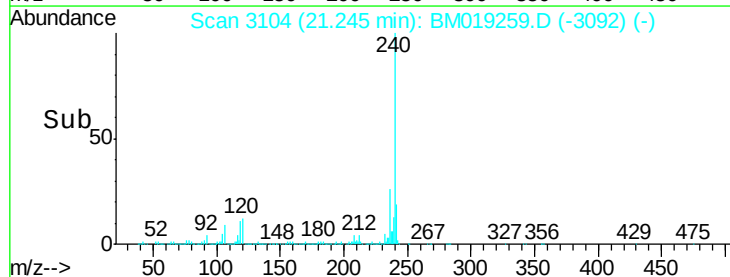
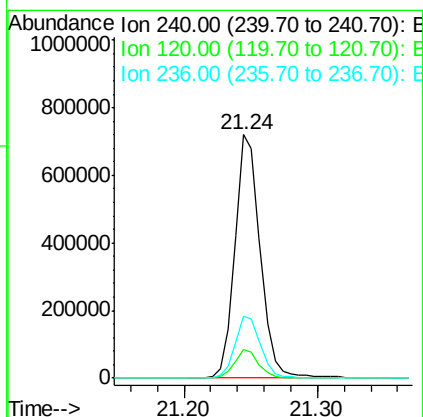
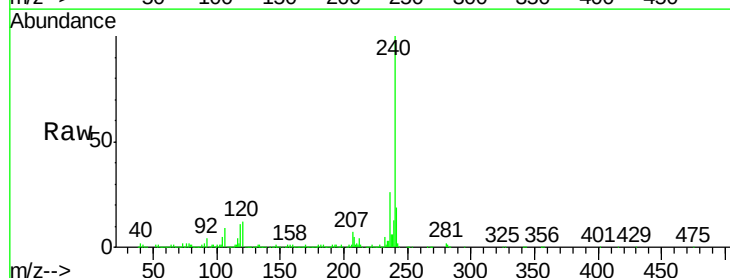
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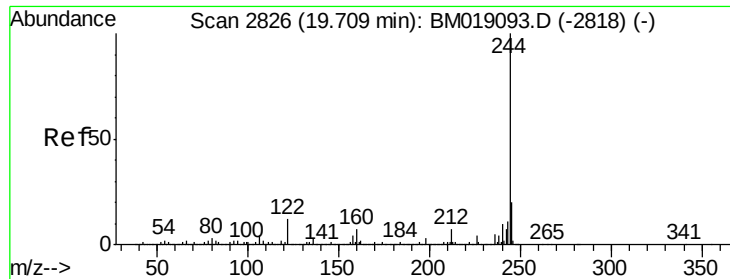
Tgt Ion:188 Resp: 1076033
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 12.4 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019259.D
Acq: 20 Mar 2019 08:19

Tgt Ion:240 Resp: 949477
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.7 21.0 31.4





#79

Terphenyl-d14

Concen: 90.902 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

Instrument :

BNA_M

ClientSampleId :

INV-025-SW04-031319

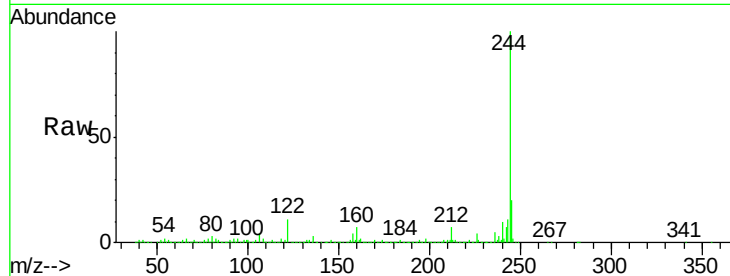
Tgt Ion:244 Resp: 4347599

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

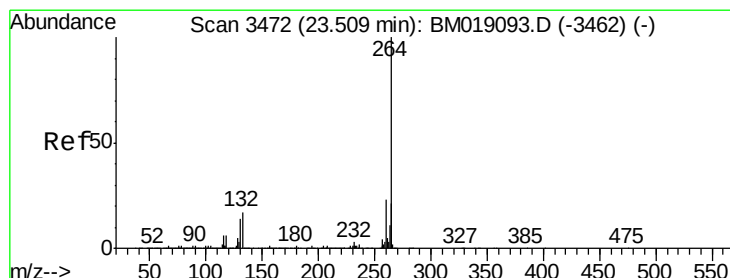
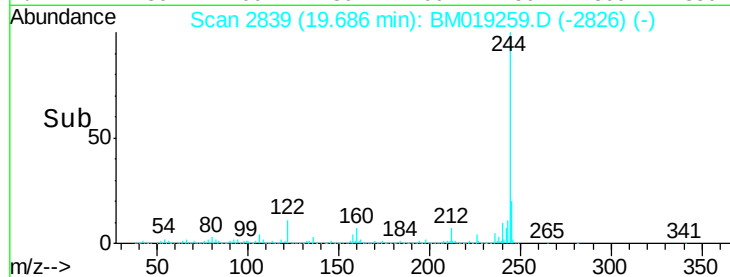
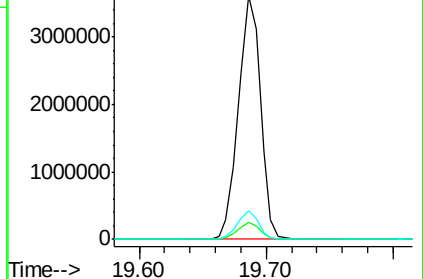
122 11.5 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019259.D

Acq: 20 Mar 2019 08:19

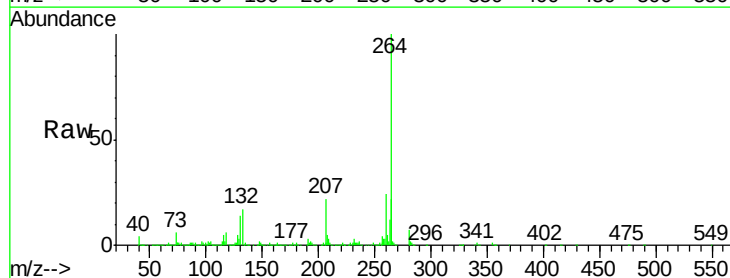
Tgt Ion:264 Resp: 837579

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 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

