

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020753.D
 Acq On : 06 Jun 2019 01:16
 Operator : HP/JU
 Sample : K3097-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0434-HR-14(HACKENSACK)

Quant Time: Jun 06 04:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

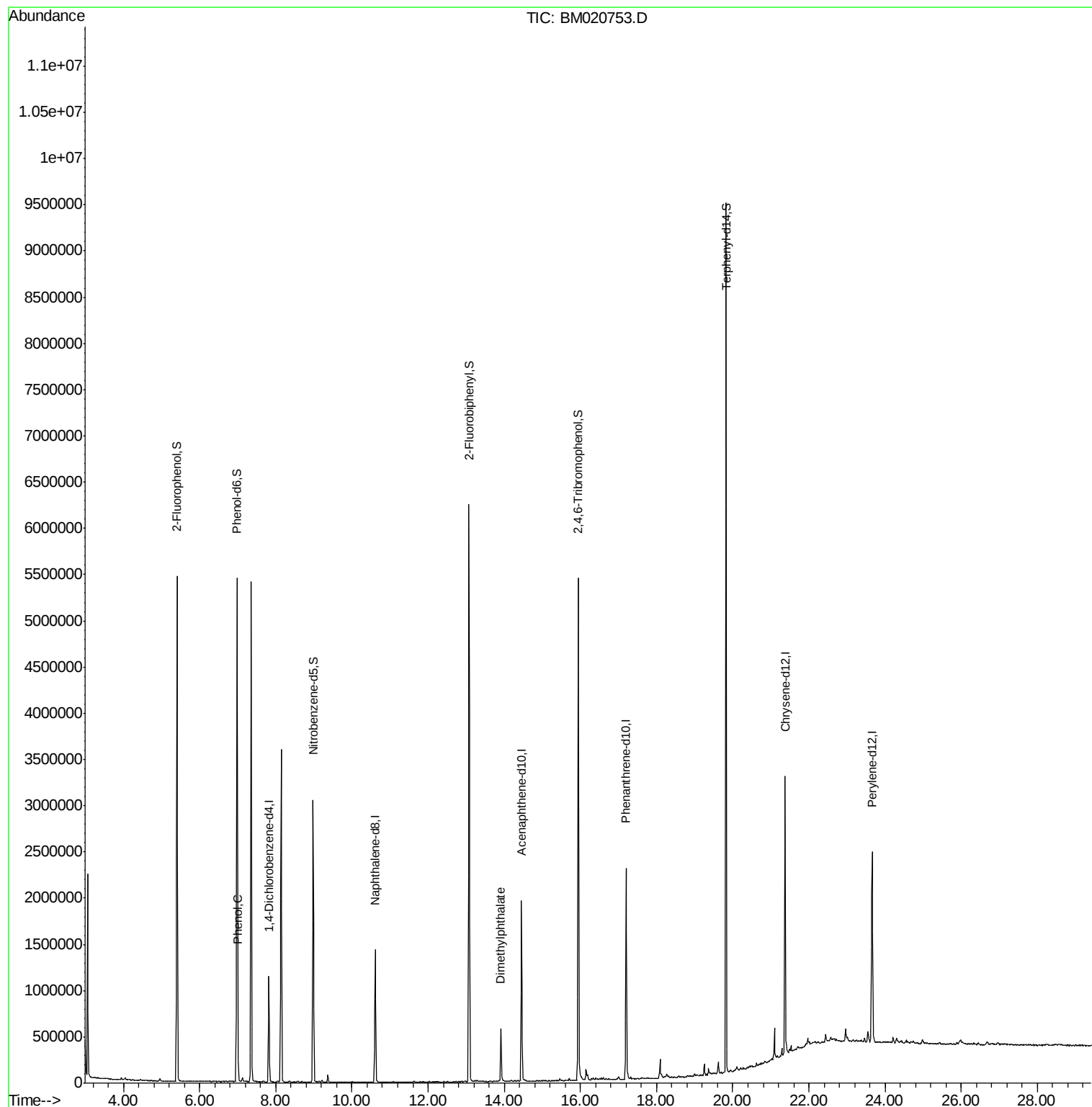
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	297394	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1169991	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	638248	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1348200	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1289620	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1528983	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	2194983	129.83	ng	-0.01
7) Phenol-d6	6.99	99	3026528	121.58	ng	0.00
23) Nitrobenzene-d5	8.98	82	1738044	76.97	ng	-0.02
42) 2,4,6-Tribromophenol	15.94	330	1041261	131.67	ng	-0.02
45) 2-Fluorobiphenyl	13.08	172	3259598	67.90	ng	-0.01
79) Terphenyl-d14	19.82	244	4432211	57.49	ng	-0.02
Target Compounds						
10) Phenol	7.01	94	104127	3.881	ng	97
50) Dimethylphthalate	13.92	163	396104	7.264	ng	100

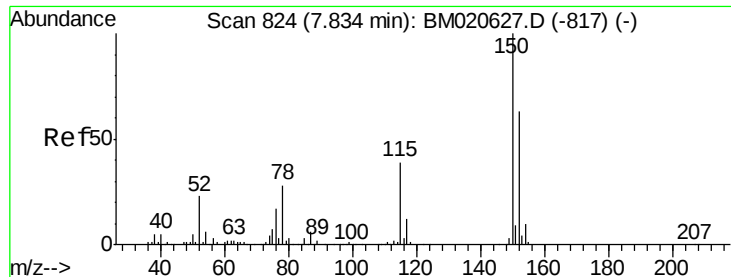
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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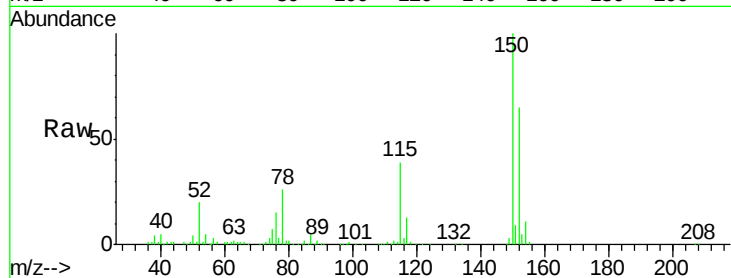


#1

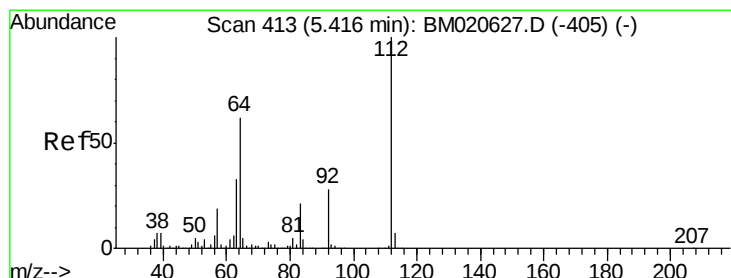
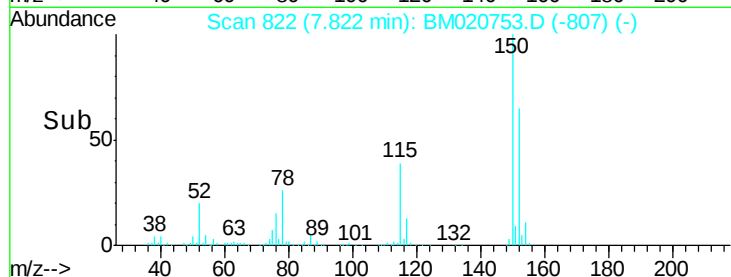
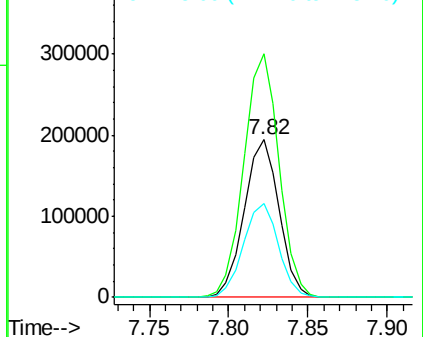
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020753.D
Acq: 06 Jun 2019 01:16

Instrument :
BNA_M
ClientSampleId :
0434-HR-14(HACKENSACK)

Tot Ion:152 Resp: 297394
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 59.7 49.6 74.4



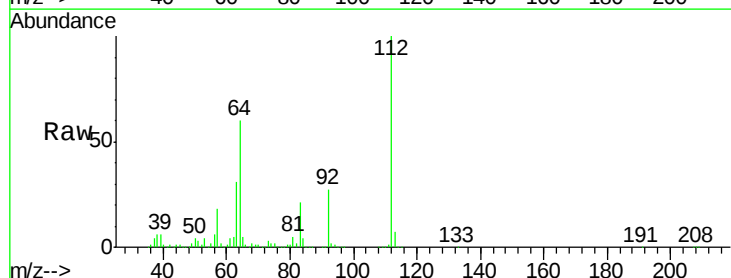
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



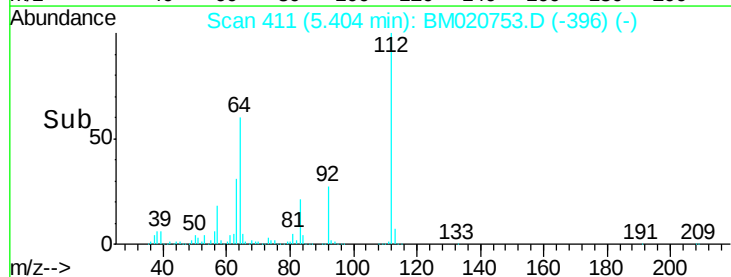
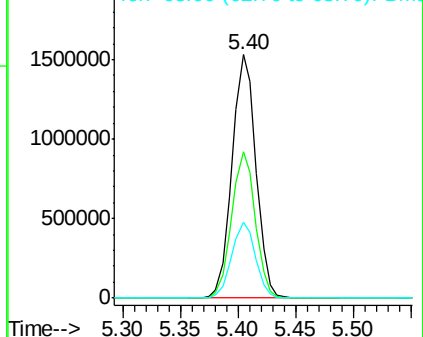
#5

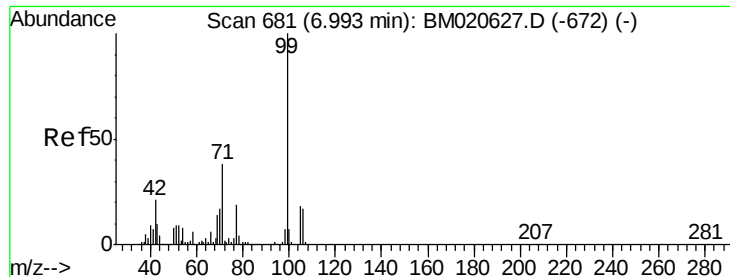
2-Fluorophenol
Concen: 129.832 ng
RT: 5.40 min Scan# 411
Delta R.T. -0.01 min
Lab File: BM020753.D
Acq: 06 Jun 2019 01:16

Tgt Ion:112 Resp: 2194983
Ion Ratio Lower Upper
112 100
64 60.2 49.7 74.5
63 31.3 26.4 39.6



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: 121.577 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

Instrument :

BNA_M

ClientSampleId :

0434-HR-14(HACKENSACK)

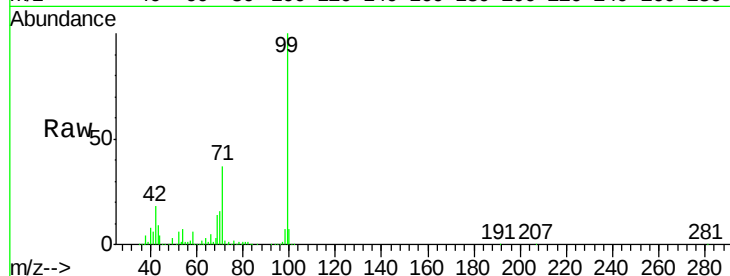
Tot Ion: 99 Resp: 3026528

Ion Ratio Lower Upper

99 100

42 18.2 16.5 24.7

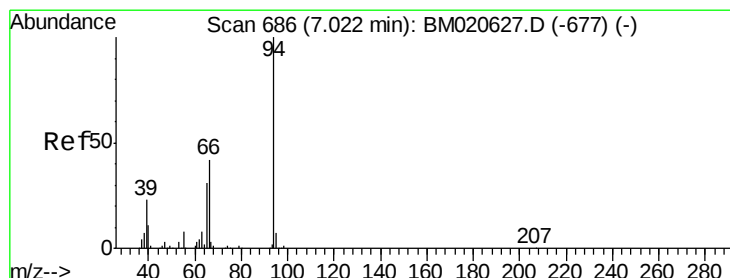
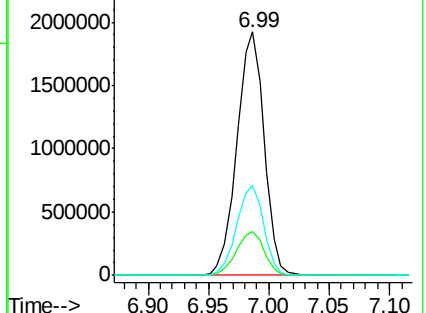
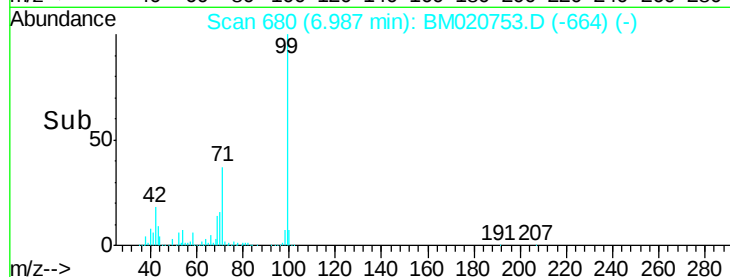
71 36.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020753.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020753.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020753.D (-664) (-)



#10

Phenol

Concen: 3.881 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

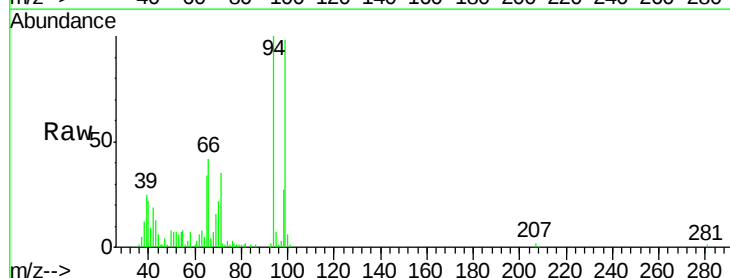
Tgt Ion: 94 Resp: 104127

Ion Ratio Lower Upper

94 100

65 33.5 10.7 50.7

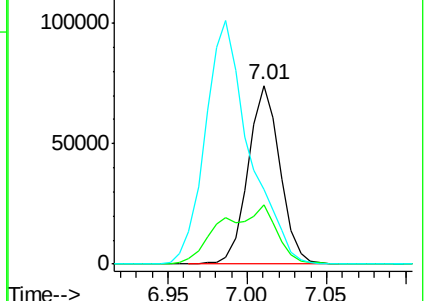
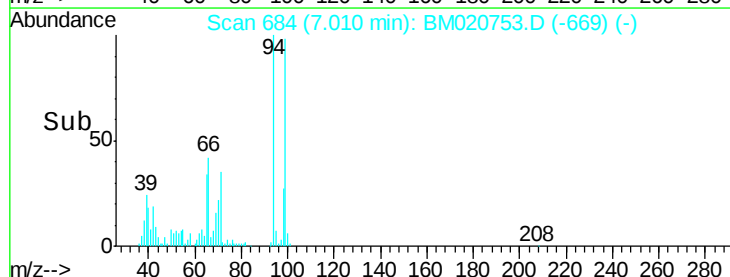
66 41.9 22.3 62.3

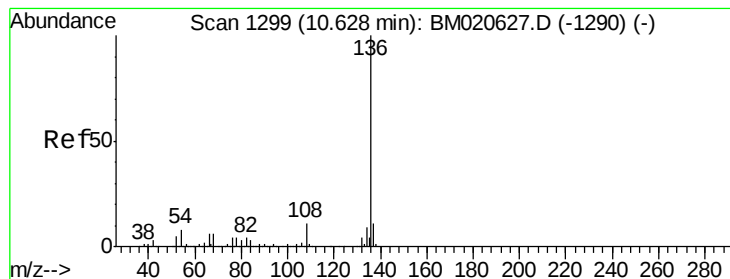


Abundance Ion 94.00 (93.70 to 94.70): BM020753.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020753.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020753.D (-669) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

Instrument :

BNA_M

ClientSampleId :

0434-HR-14(HACKENSACK)

Tot Ion:136 Resp: 1169991

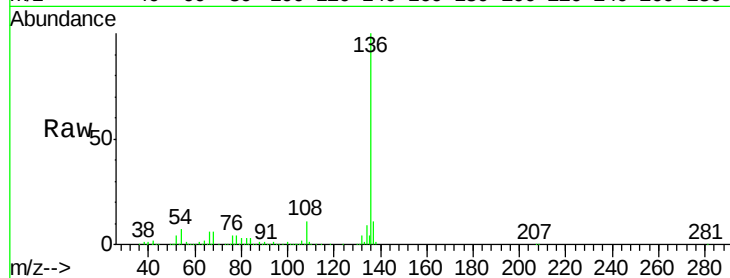
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.4 6.6 10.0

68 6.2 5.1 7.7

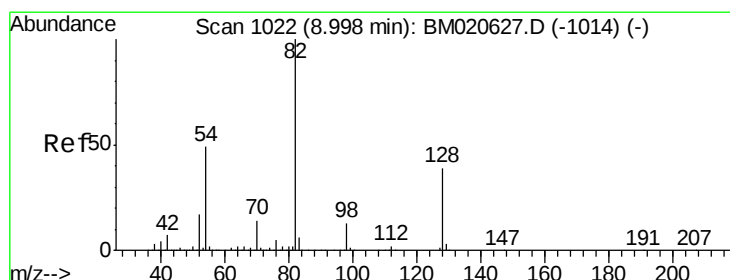
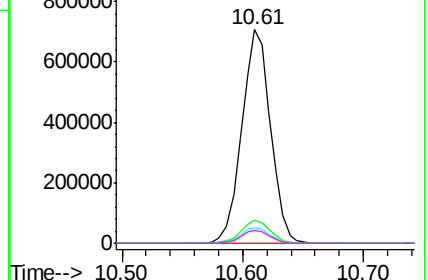
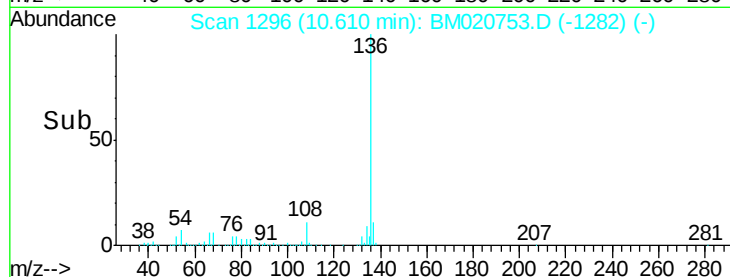


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.967 ng

RT: 8.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

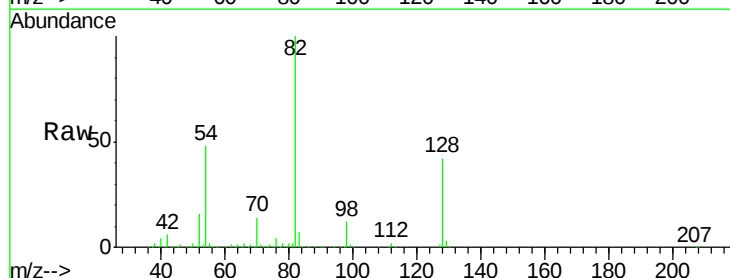
Tgt Ion: 82 Resp: 1738044

Ion Ratio Lower Upper

82 100

128 41.9 31.5 47.3

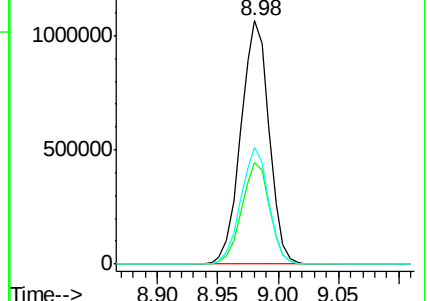
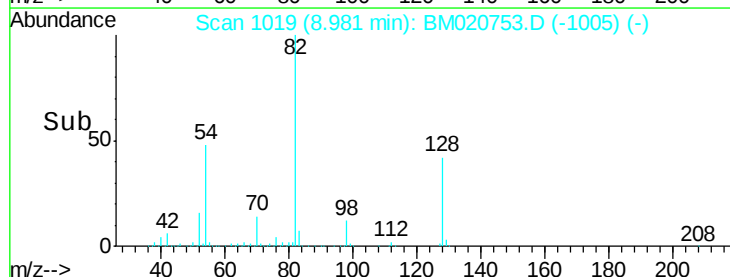
54 47.8 39.4 59.0

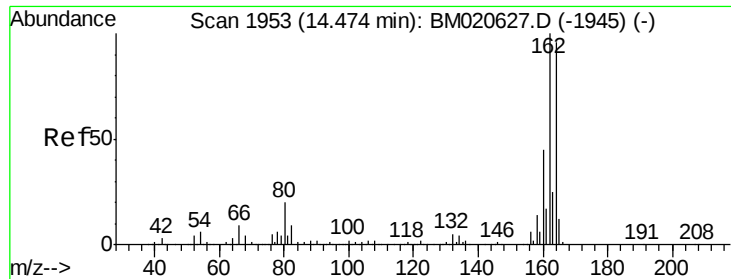


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

Instrument :

BNA_M

ClientSampleId :

0434-HR-14(HACKENSACK)

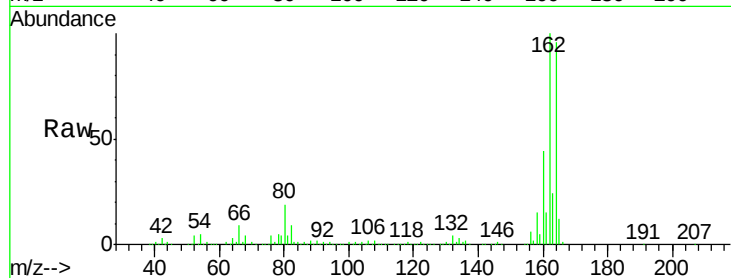
Tot Ion:164 Resp: 638248

Ion Ratio Lower Upper

164 100

162 103.8 83.2 124.8

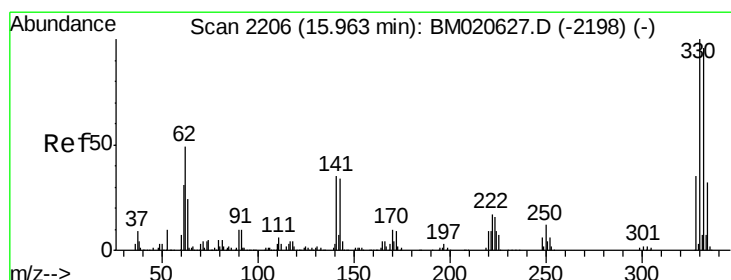
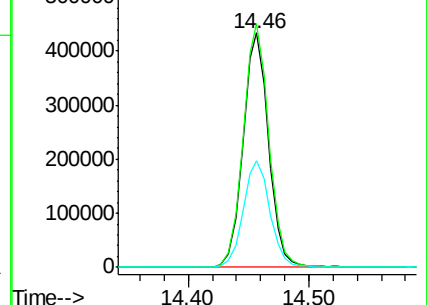
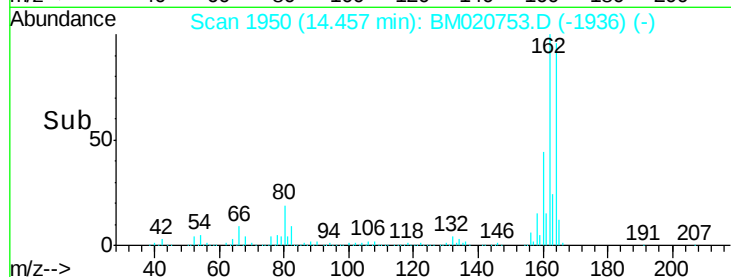
160 45.6 37.5 56.3



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: 131.675 ng

RT: 15.94 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

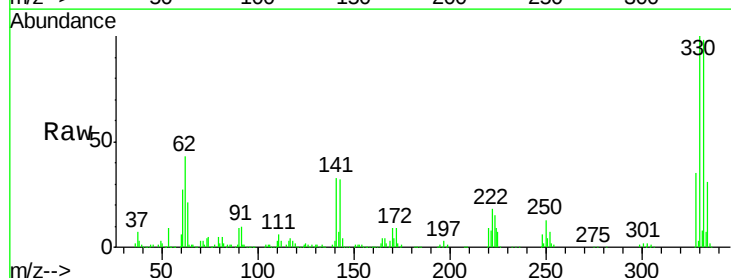
Tgt Ion:330 Resp: 1041261

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

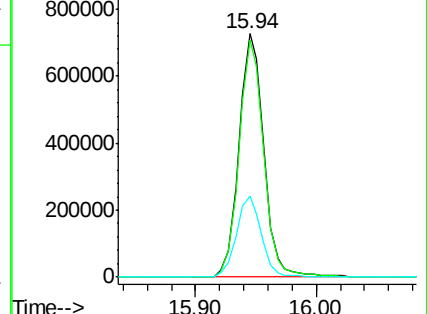
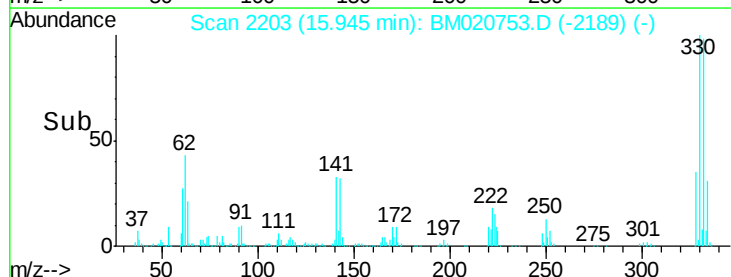
141 33.8 30.4 45.6

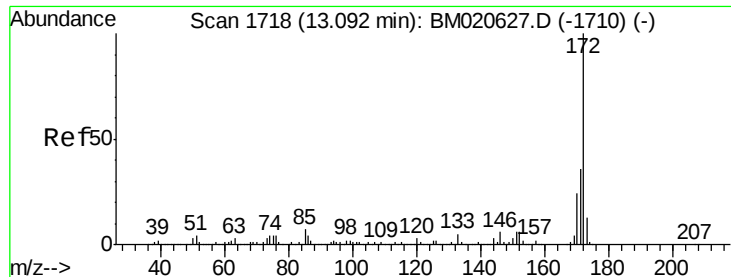


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

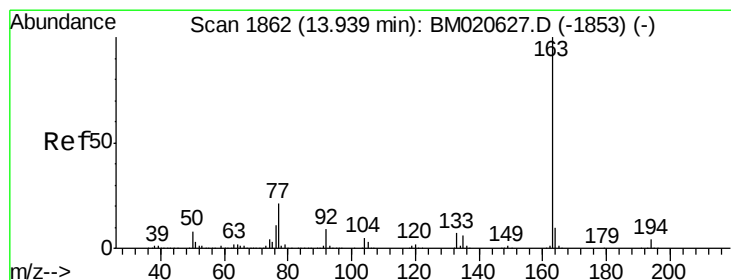
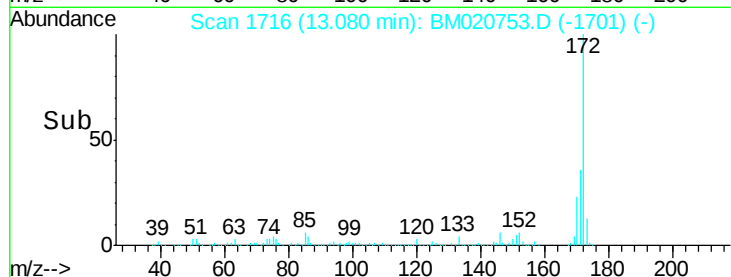
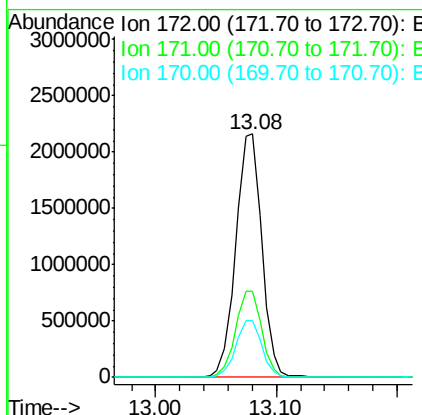
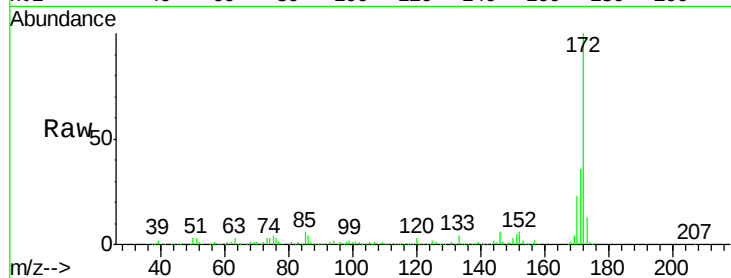




#45
2-Fluorobiphenyl
Concen: 67.896 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020753.D
Acq: 06 Jun 2019 01:16

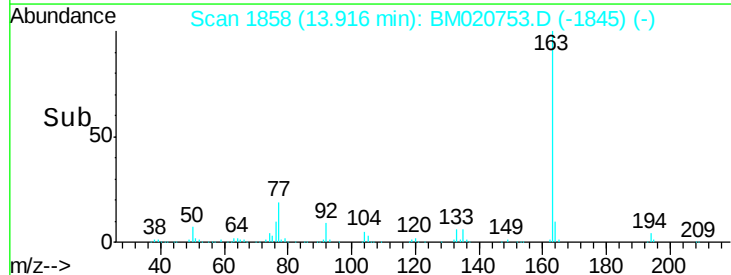
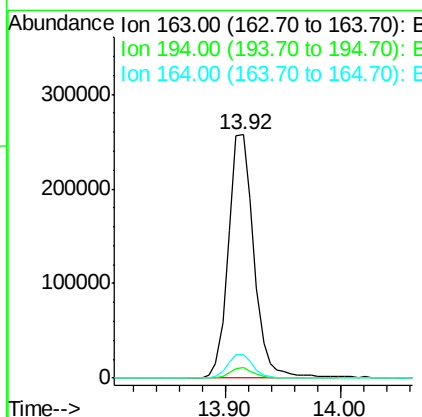
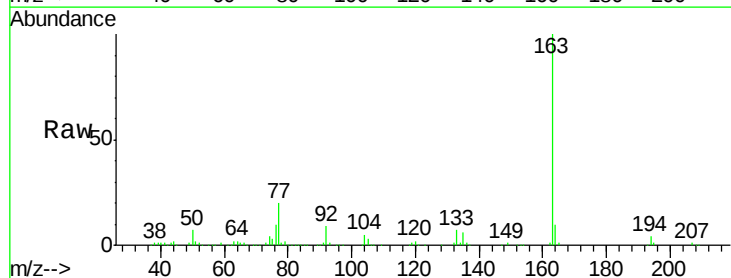
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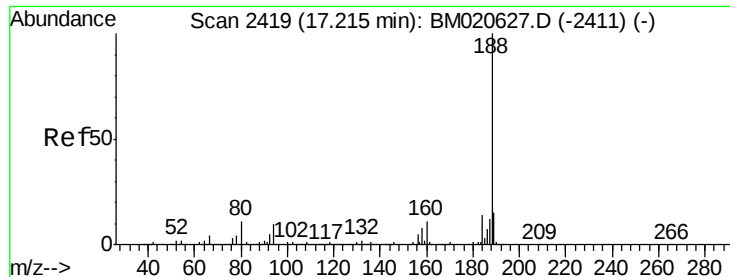
Tot Ion:172 Resp: 3259598
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 7.264 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.02 min
Lab File: BM020753.D
Acq: 06 Jun 2019 01:16

Tgt Ion:163 Resp: 396104
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.8 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

Instrument :

BNA_M

ClientSampleId :

0434-HR-14(HACKENSACK)

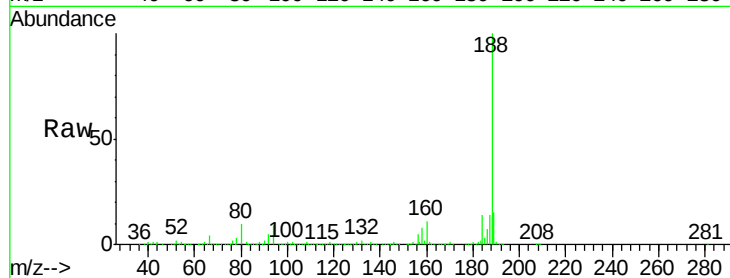
Tot Ion:188 Resp: 1348200

Ion Ratio Lower Upper

188 100

94 8.6 7.8 11.8

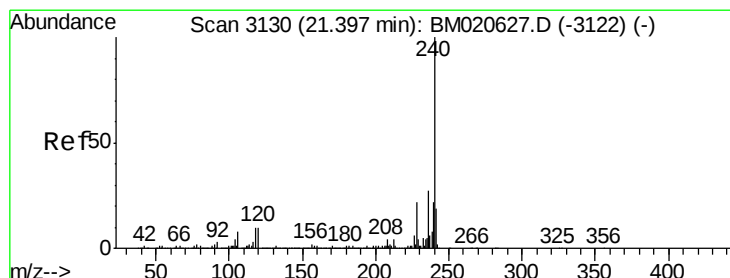
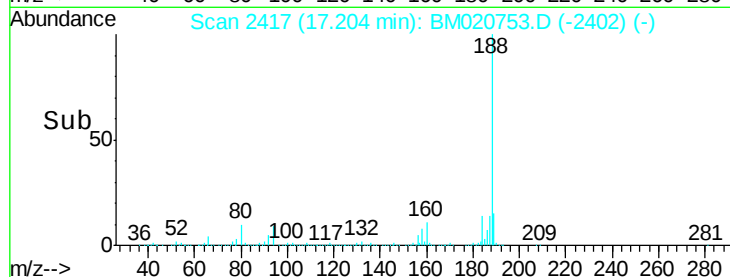
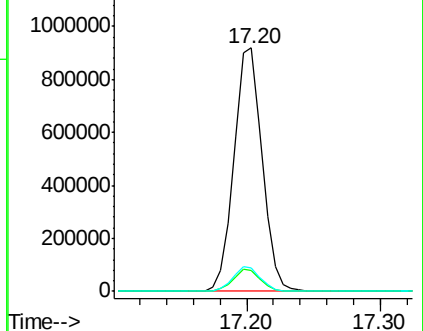
80 9.9 9.0 13.6



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: 21.37 min Scan# 3126

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

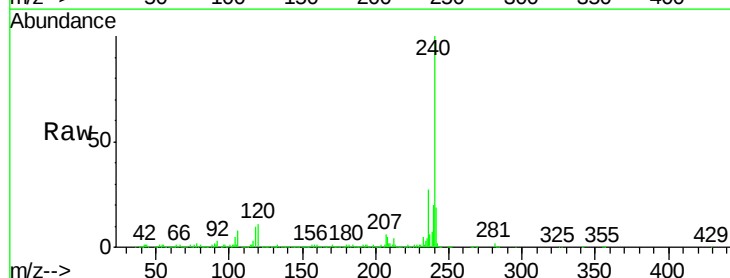
Tgt Ion:240 Resp: 1289620

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

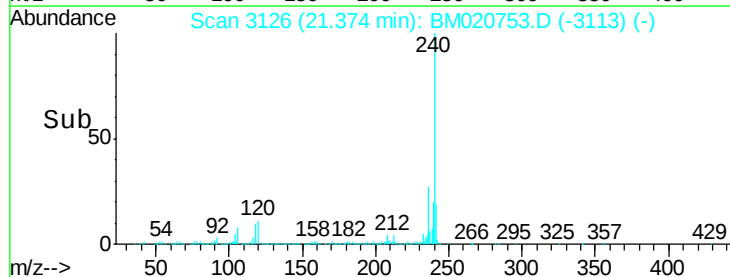
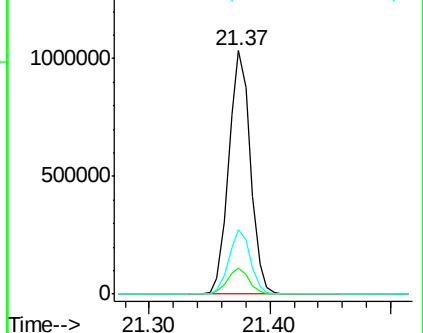
236 26.6 21.2 31.8

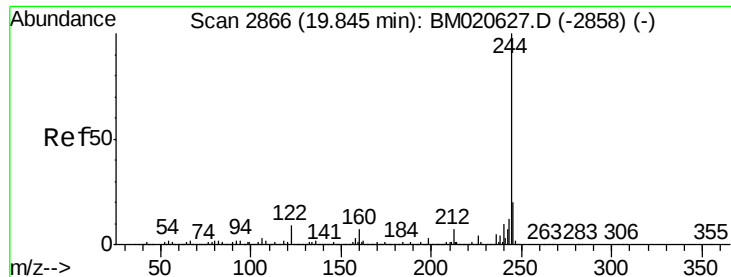


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.486 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

Instrument :

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0434-HR-14(HACKENSACK)

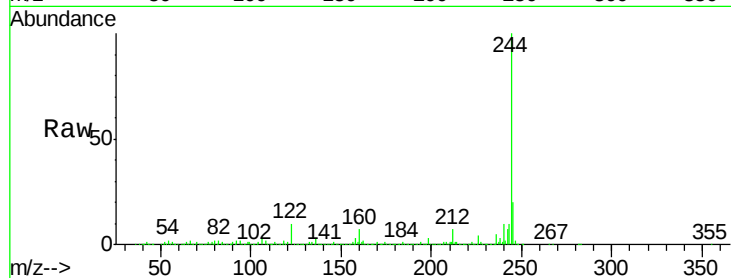
Tot Ion:244 Resp: 4432211

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

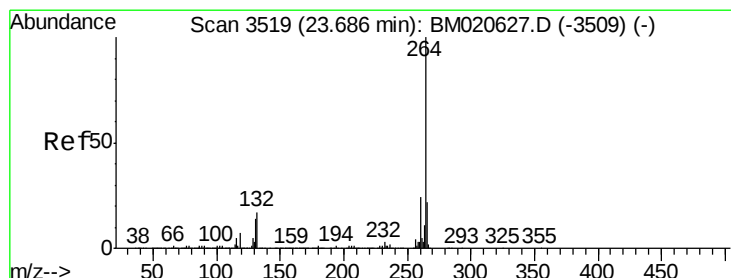
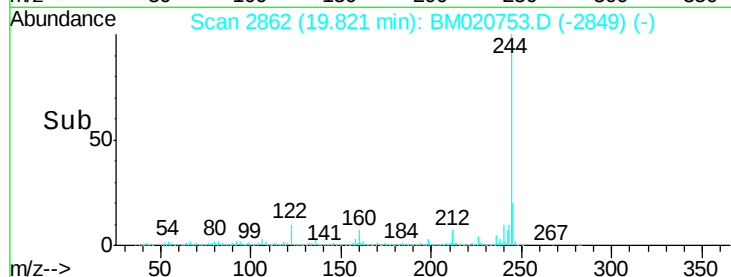
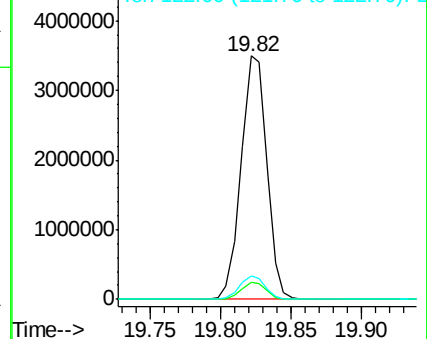
122 9.9 7.2 10.8



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: 23.66 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM020753.D

Acq: 06 Jun 2019 01:16

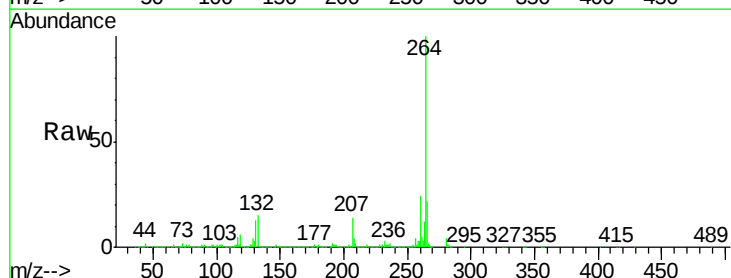
Tgt Ion:264 Resp: 1528983

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 17.6 26.4



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

