

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018244.D
 Acq On : 17 Dec 2018 12:10
 Operator : JU/SJ
 Sample : J6379-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS004-1218-01

Quant Time: Dec 18 00:49:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

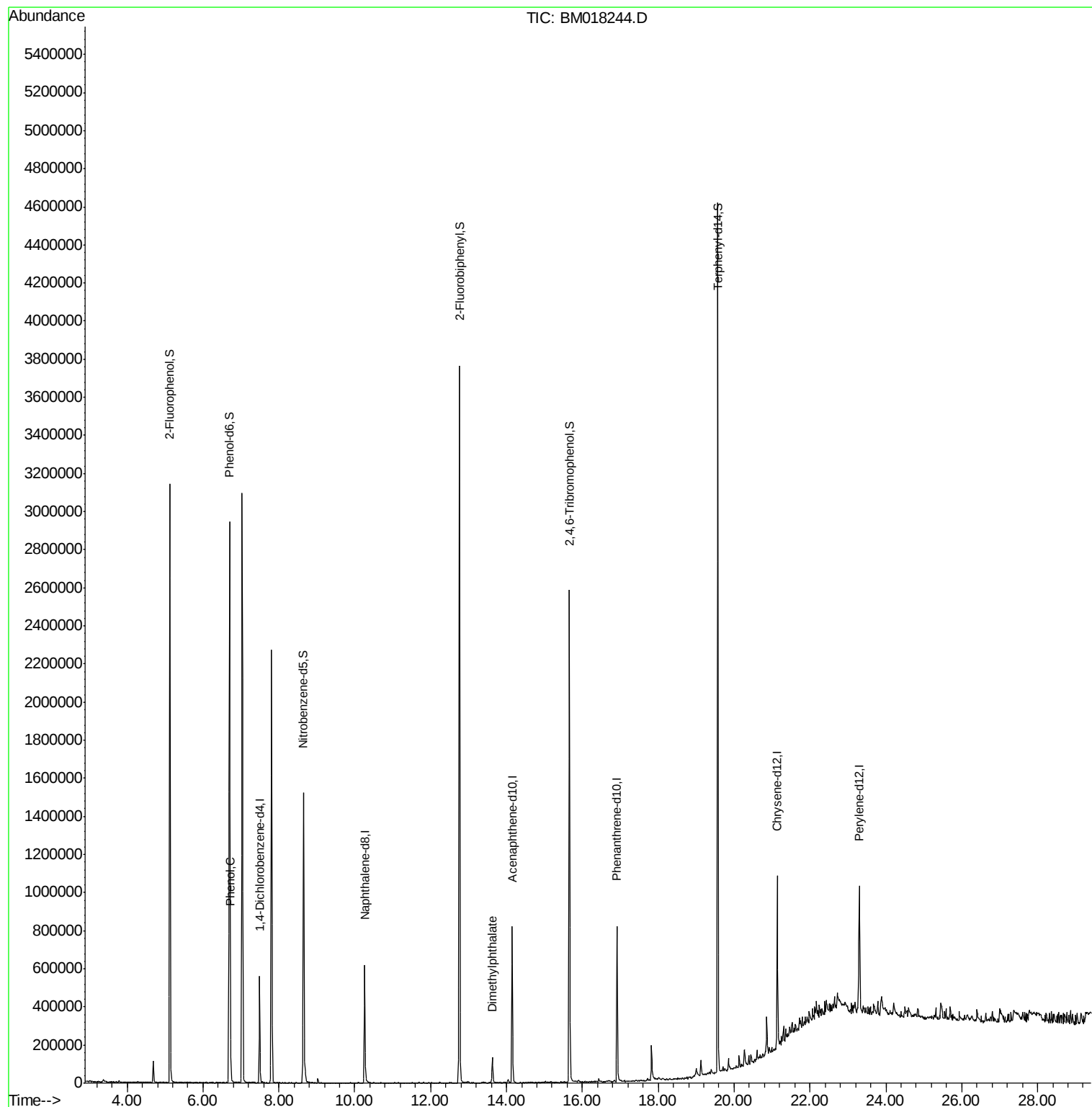
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	143164	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	540426	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	266363	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	485133	20.00	ng	0.00
76) Chrysene-d12	21.14	240	440234	20.00	ng	0.00
87) Perylene-d12	23.30	264	461245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1269942	148.18	ng	0.00
7) Phenol-d6	6.70	99	1679467	140.99	ng	0.00
23) Nitrobenzene-d5	8.65	82	939615	89.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	481527	123.17	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1991793	96.85	ng	0.00
79) Terphenyl-d14	19.57	244	2066935	106.19	ng	0.00
Target Compounds						
10) Phenol	6.72	94	103901	8.236	ng	98
50) Dimethylphthalate	13.63	163	105683	4.772	ng	99

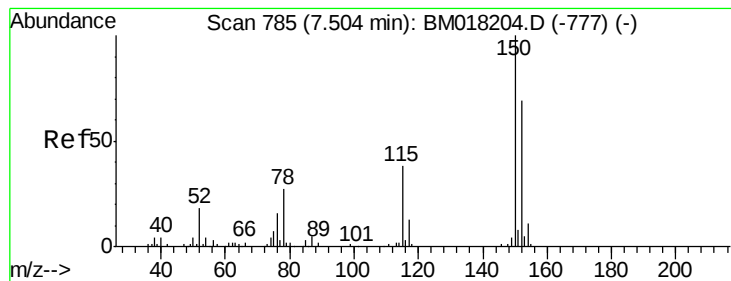
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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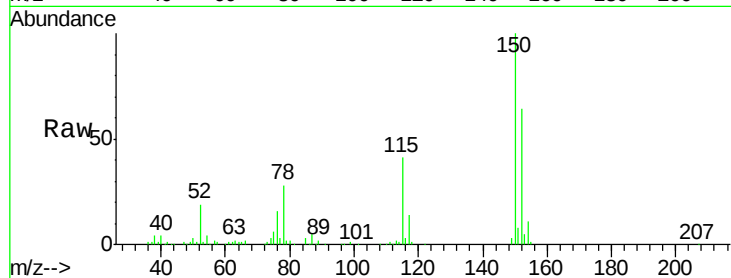


#1

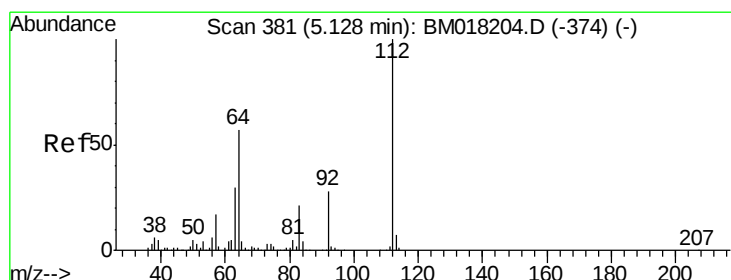
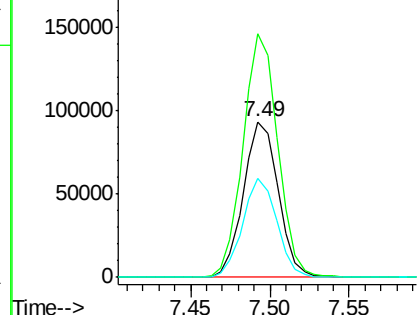
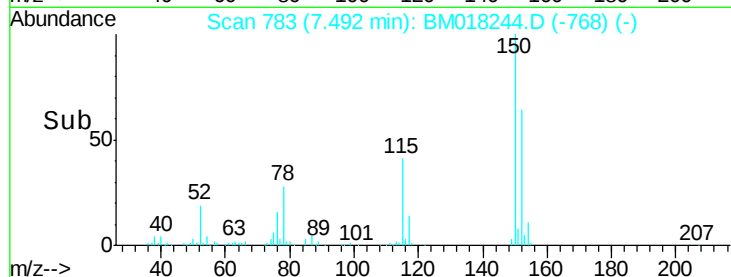
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018244.D
Acq: 17 Dec 2018 12:10

Instrument :
BNA_M
ClientSampleId :
P001-SS004-1218-01

Tgt Ion:152 Resp: 143164
Ion Ratio Lower Upper
152 100
150 156.3 116.1 174.1
115 63.7 44.6 67.0



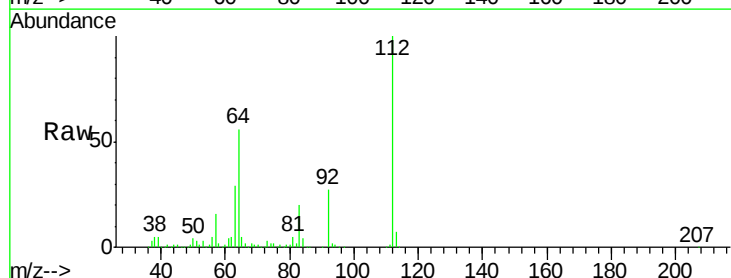
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



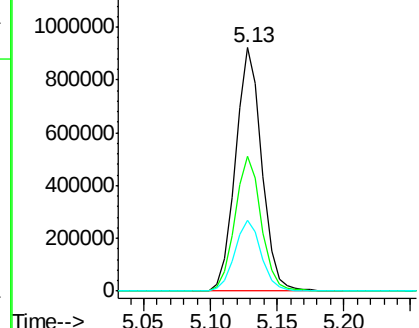
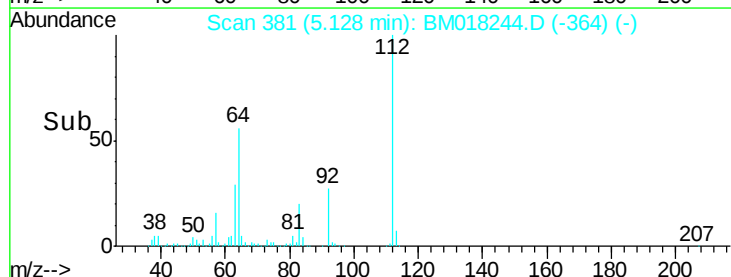
#5

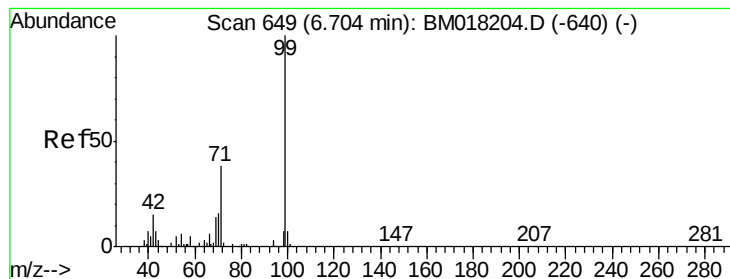
2-Fluorophenol
Concen: 148.181 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018244.D
Acq: 17 Dec 2018 12:10

Tgt Ion:112 Resp: 1269942
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 29.2 24.0 36.0



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: 140.991 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

Instrument :

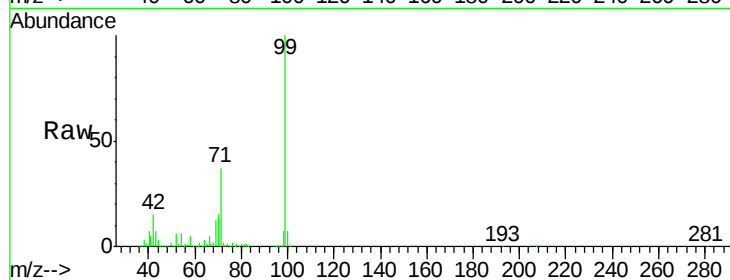
BNA_M

ClientSampleId :

P001-SS004-1218-01

Tgt Ion: 99 Resp: 1679467

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.3	18.5
71	37.3	30.2	45.2

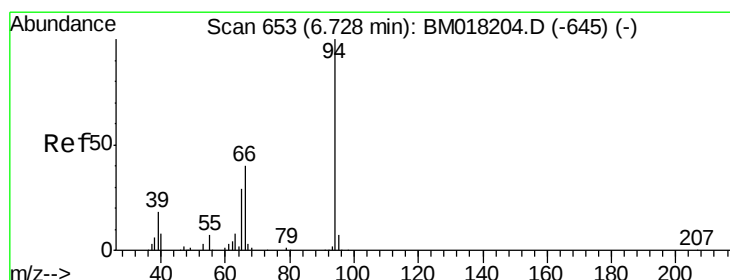
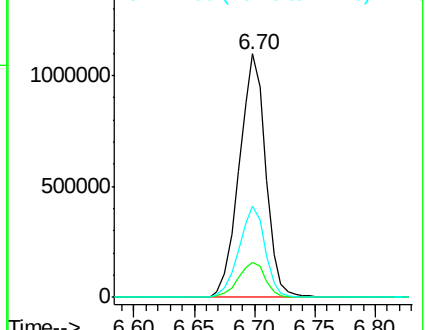
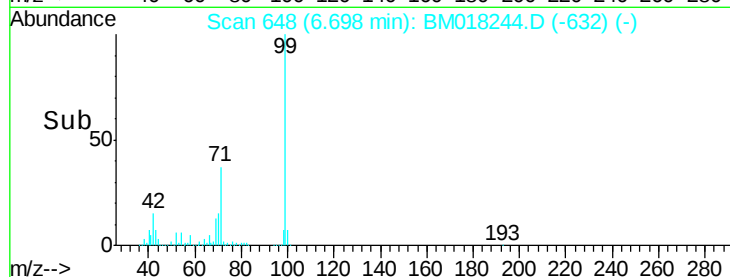


Abundance

Ion 99.00 (98.70 to 99.70): BM018244.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018244.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018244.D (-632) (-)



#10

Phenol

Concen: 8.236 ng

RT: 6.72 min Scan# 652

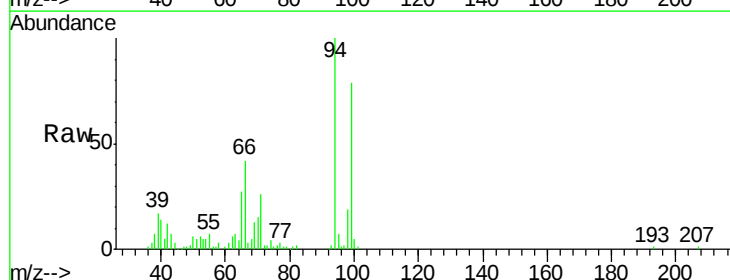
Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

Tgt Ion: 94 Resp: 103901

Ion	Ratio	Lower	Upper
94	100		
65	27.3	9.5	49.5
66	42.1	21.3	61.3

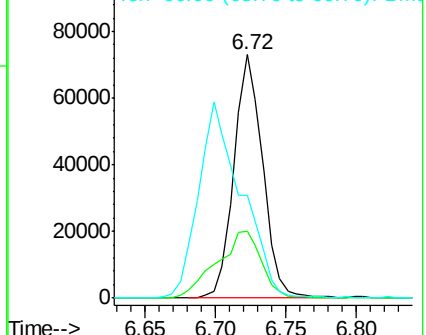
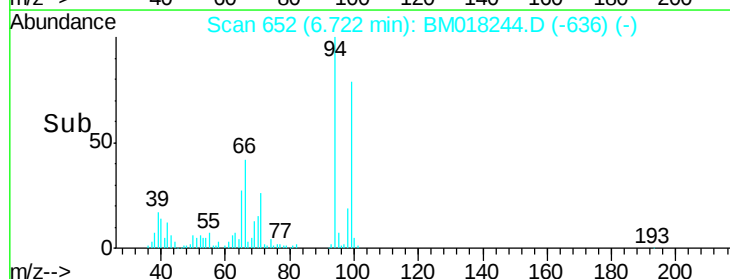


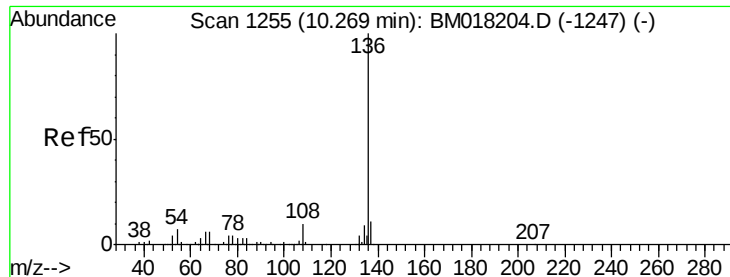
Abundance

Ion 94.00 (93.70 to 94.70): BM018244.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018244.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018244.D (-636) (-)

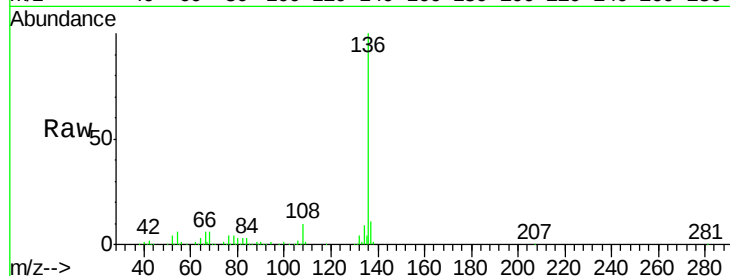




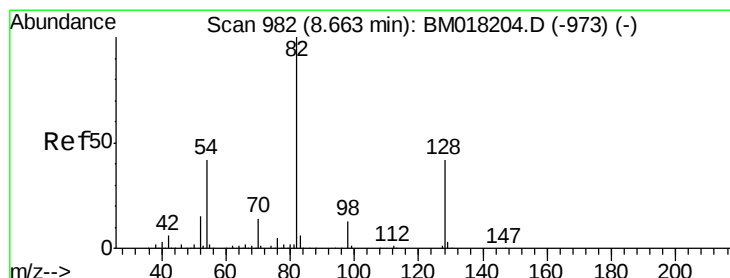
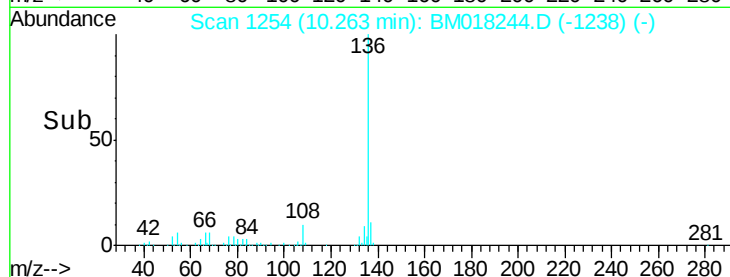
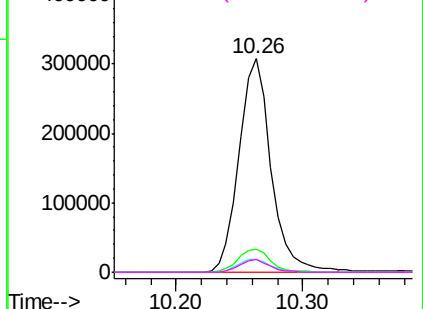
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018244.D
Acq: 17 Dec 2018 12:10

Instrument :
BNA_M
ClientSampleId :
P001-SS004-1218-01

Tgt Ion:	136	Resp:	540426
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.1	5.2	7.8
68	5.7	5.0	7.6

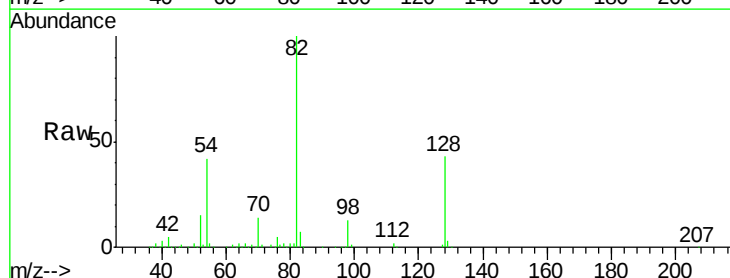


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

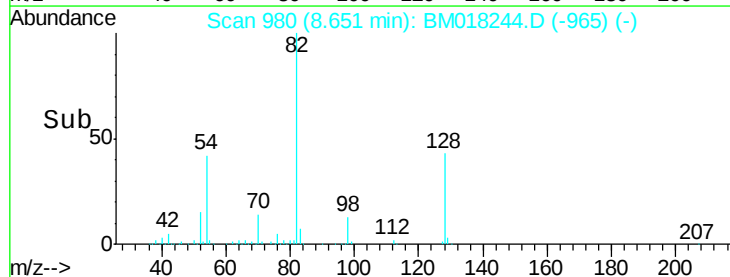
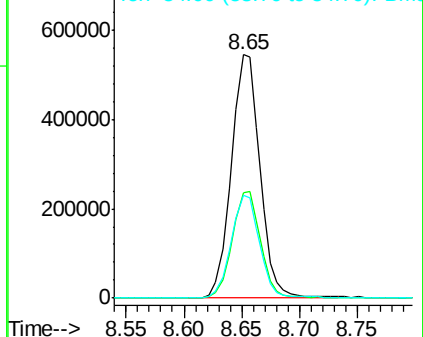


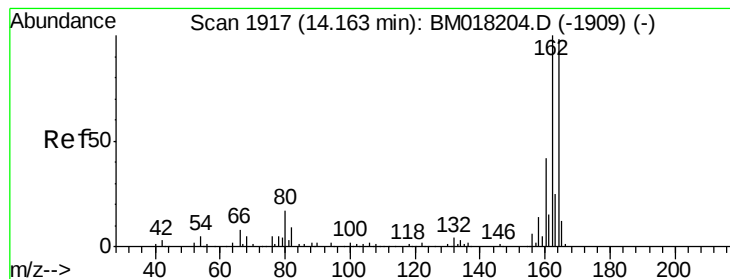
#23
Nitrobenzene-d5
Concen: 89.182 ng
RT: 8.65 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM018244.D
Acq: 17 Dec 2018 12:10

Tgt Ion:	82	Resp:	939615
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.2
54	42.1	33.4	50.2



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: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

Instrument :

BNA_M

ClientSampleId :

P001-SS004-1218-01

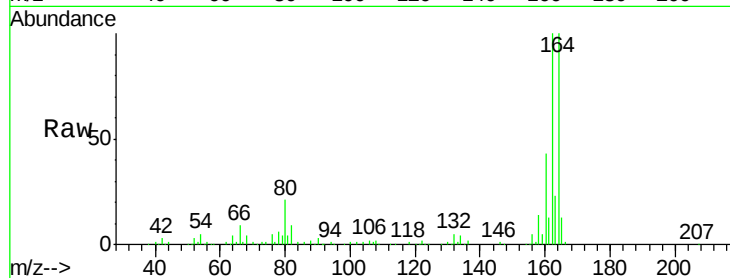
Tgt Ion:164 Resp: 266363

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

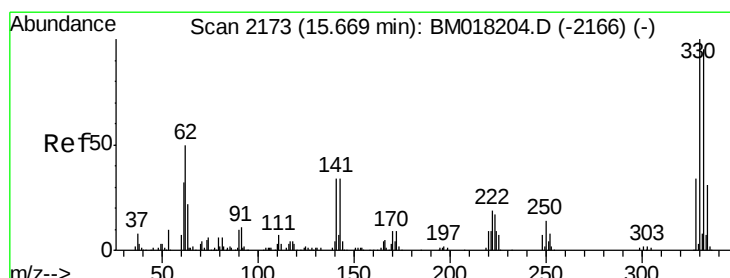
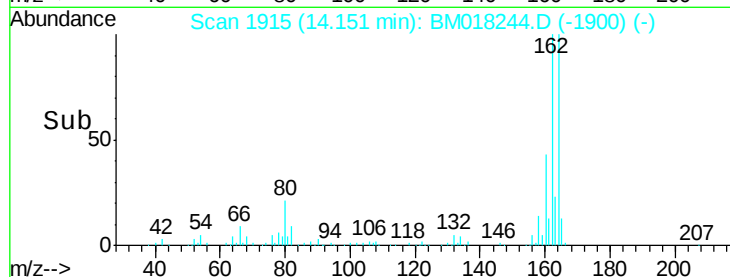
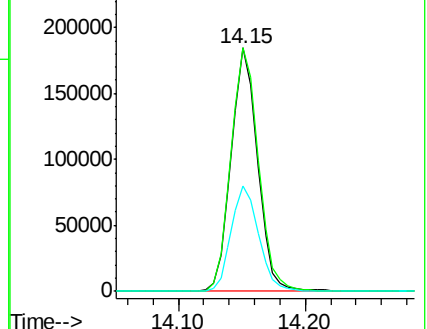
160 43.5 34.6 51.8



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: 123.169 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

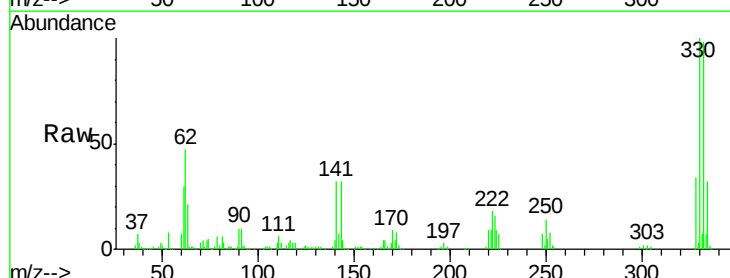
Tgt Ion:330 Resp: 481527

Ion Ratio Lower Upper

330 100

332 97.2 78.6 118.0

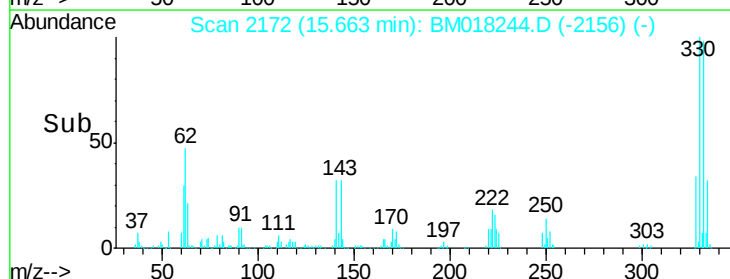
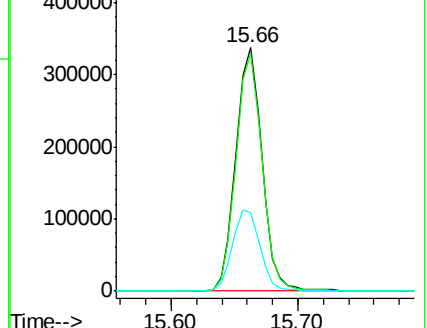
141 35.1 27.1 40.7

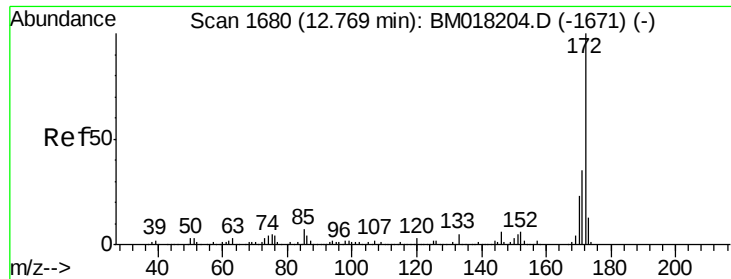


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

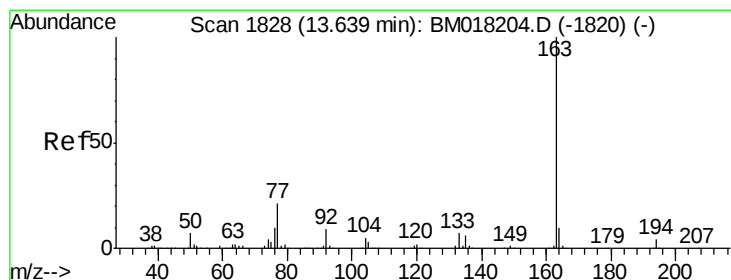
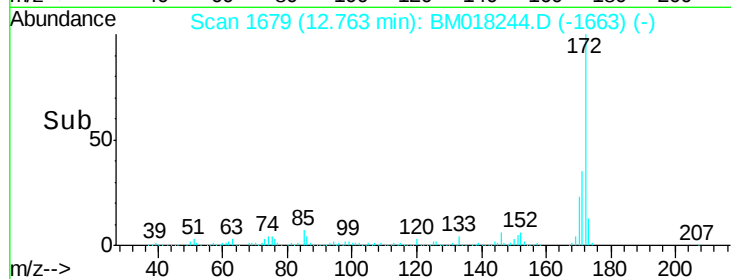
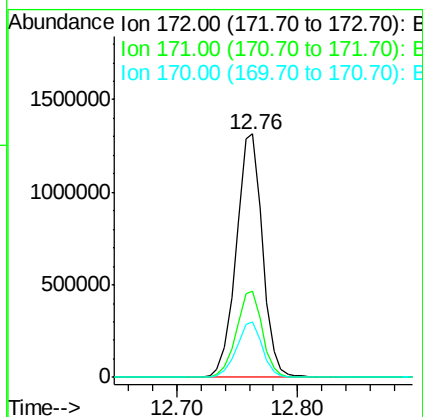
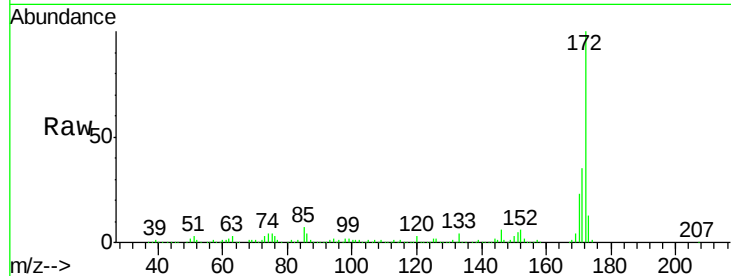




#45
 2-Fluorobiphenyl
 Concen: 96.854 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018244.D
 Acq: 17 Dec 2018 12:10

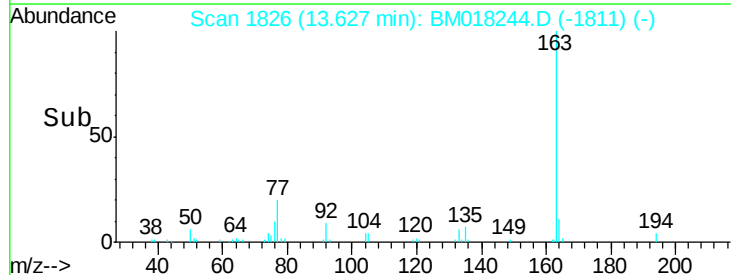
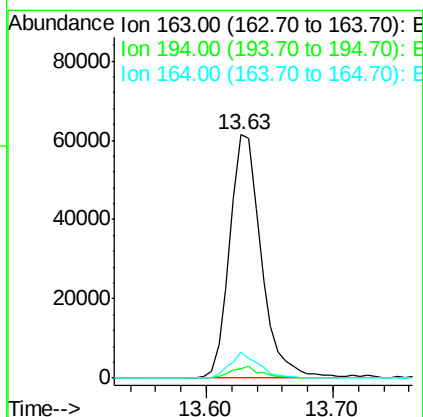
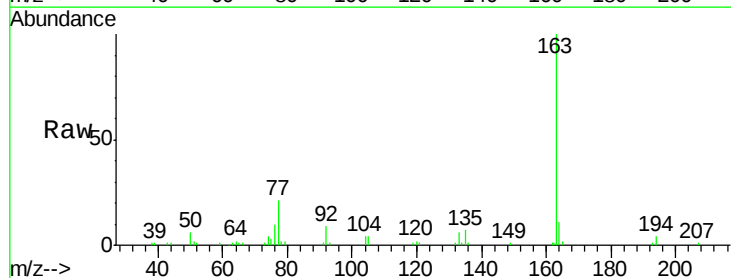
Instrument :
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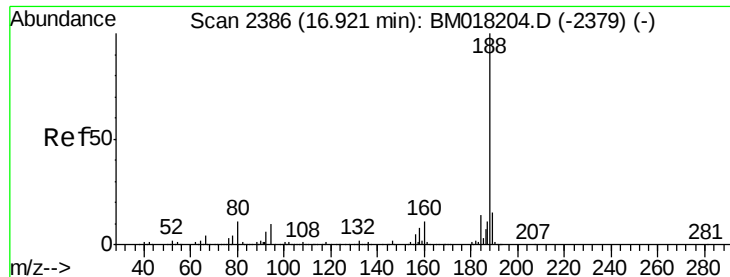
Tgt Ion:172 Resp: 1991793
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.0 18.1 27.1



#50
 Dimethylphthalate
 Concen: 4.772 ng
 RT: 13.63 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BM018244.D
 Acq: 17 Dec 2018 12:10

Tgt Ion:163 Resp: 105683
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.1 4.7
 164 10.5 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

Instrument :

BNA_M

ClientSampleId :

P001-SS004-1218-01

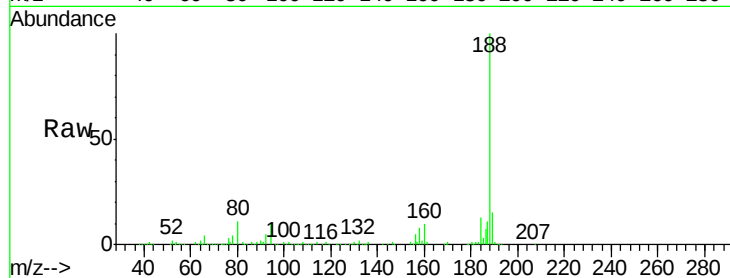
Tgt Ion:188 Resp: 485133

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

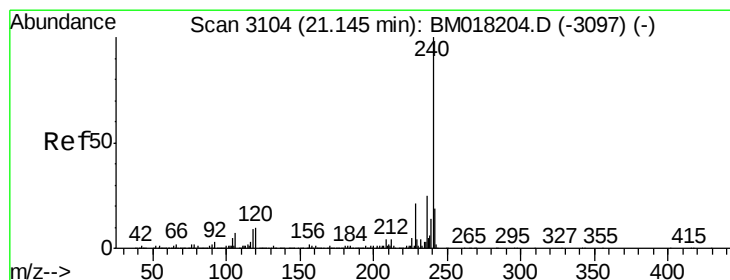
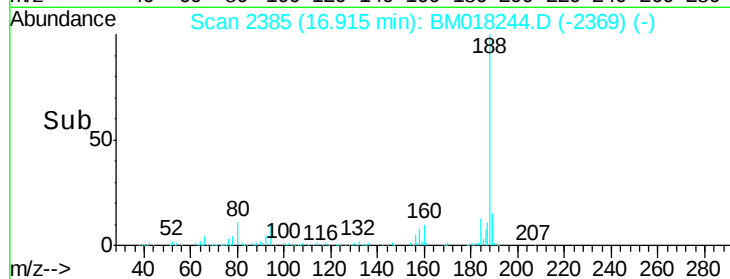
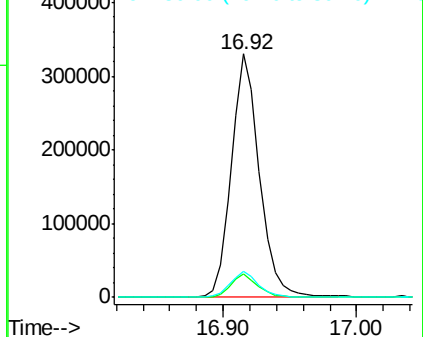
80 10.6 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

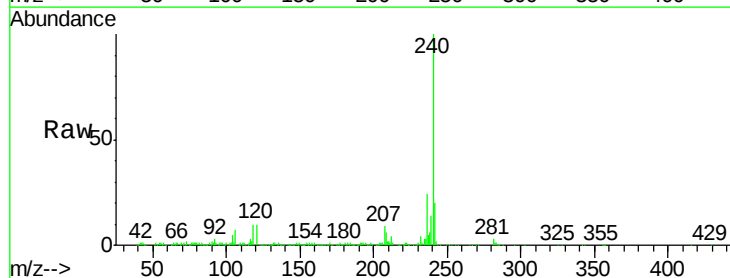
Tgt Ion:240 Resp: 440234

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

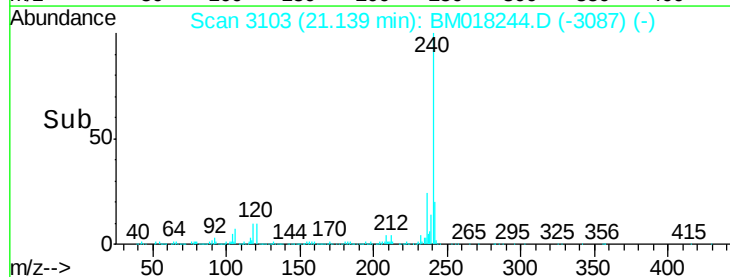
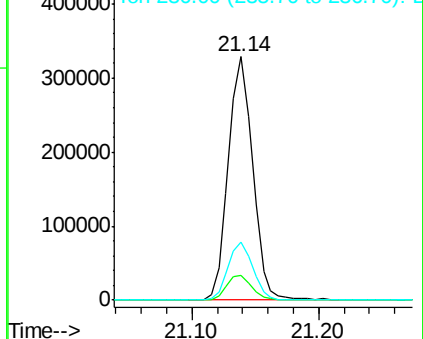
236 23.6 20.3 30.5

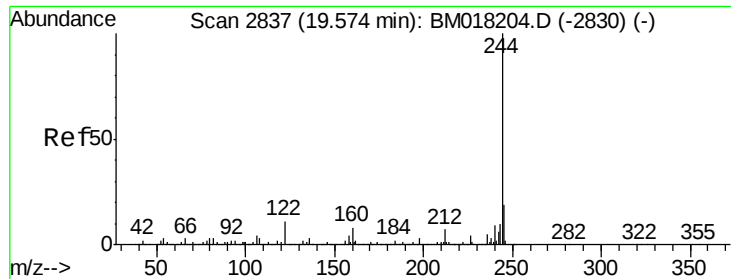


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.186 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

Instrument :

BNA_M

ClientSampleId :

P001-SS004-1218-01

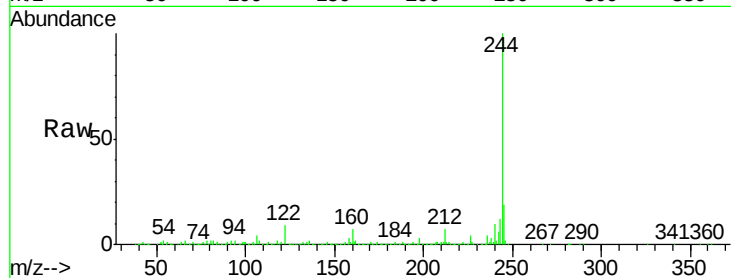
Tgt Ion:244 Resp: 2066935

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

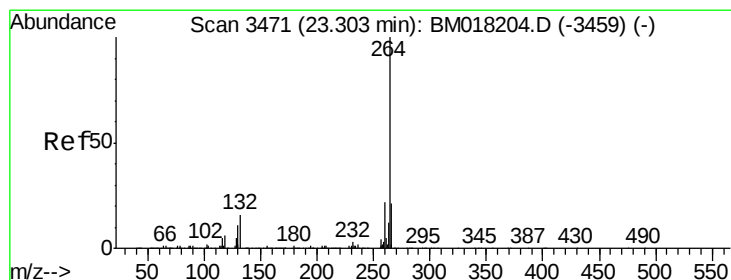
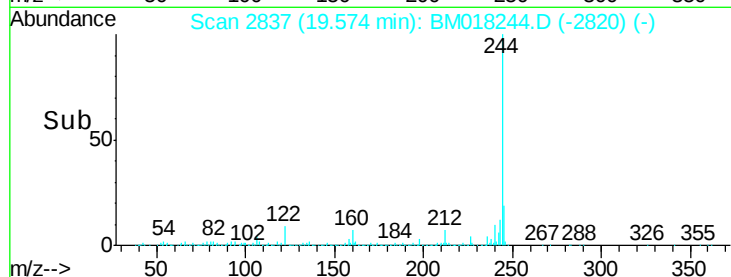
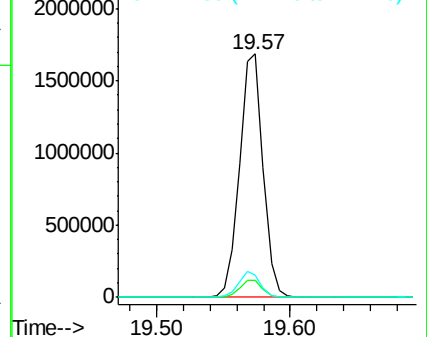
122 9.3 9.0 13.6



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BM018244.D

Acq: 17 Dec 2018 12:10

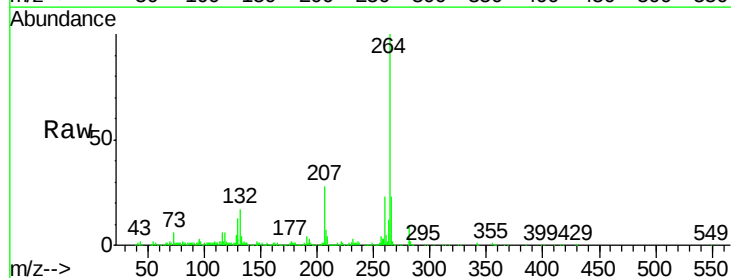
Tgt Ion:264 Resp: 461245

Ion Ratio Lower Upper

264 100

260 22.9 17.5 26.3

265 23.4 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

