

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017241.D
 Acq On : 19 Oct 2018 21:53
 Operator : MJ/SJ
 Sample : J5574-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-003-ABCD

Quant Time: Oct 20 04:44:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

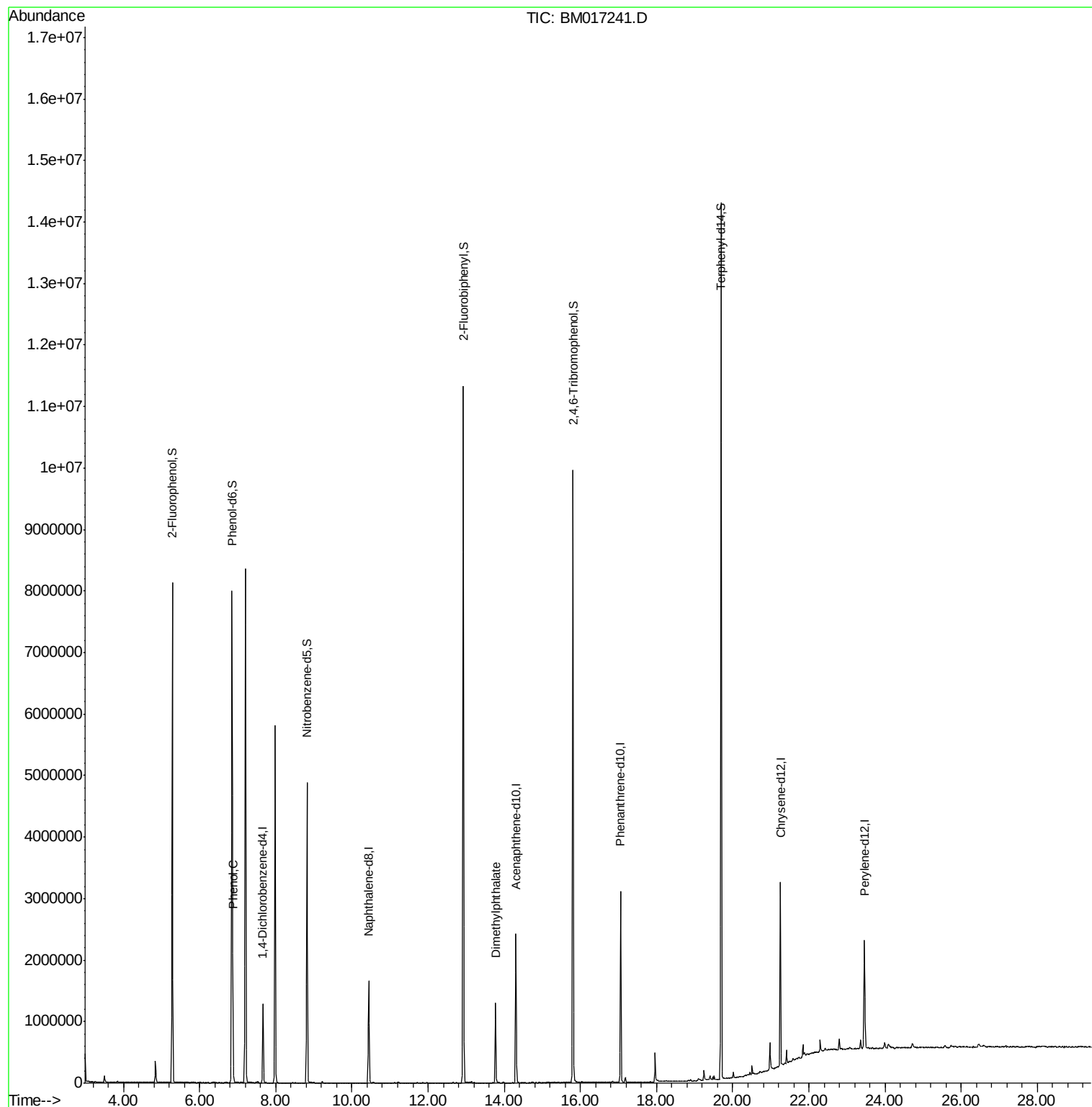
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	342218	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1374082	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	804678	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1712129	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1404712	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1233604	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	3285148	162.36	ng	0.00
7) Phenol-d6	6.85	99	4477409	162.48	ng	0.00
23) Nitrobenzene-d5	8.82	82	2725660	116.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1773530	162.98	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5832502	96.44	ng	-0.01
79) Terphenyl-d14	19.70	244	6669798	107.02	ng	0.00
Target Compounds						
10) Phenol	6.87	94	206898	6.976	ng	92
50) Dimethylphthalate	13.77	163	822470	13.248	ng	100

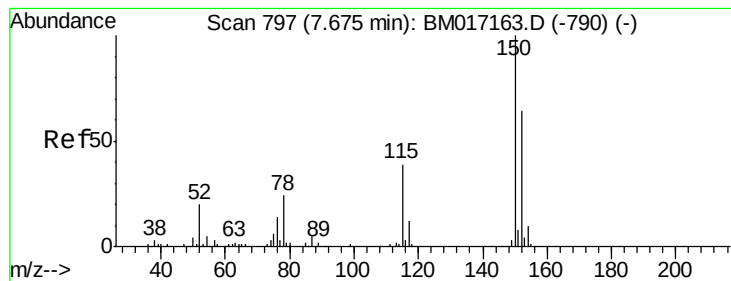
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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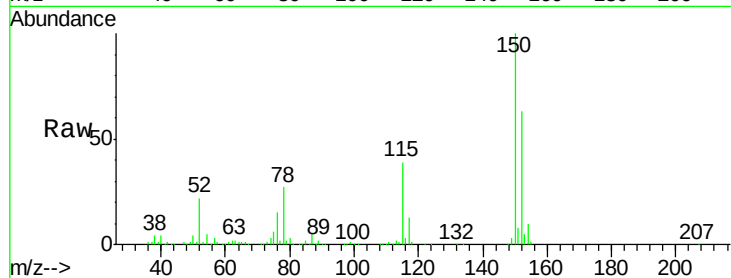


#1

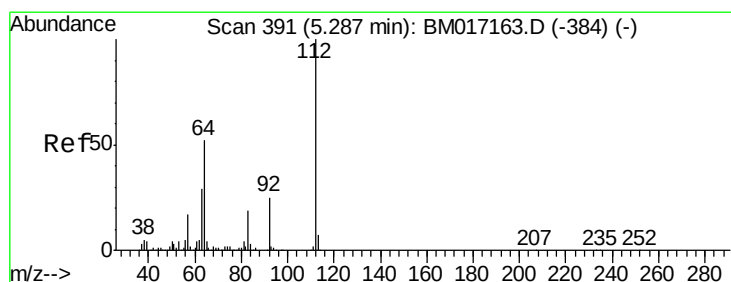
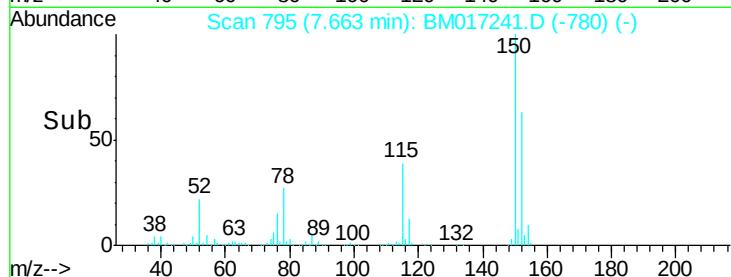
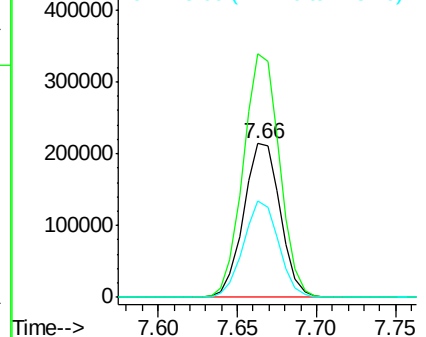
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-003-ABCD

Tgt Ion:152 Resp: 342218
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 62.6 48.1 72.1



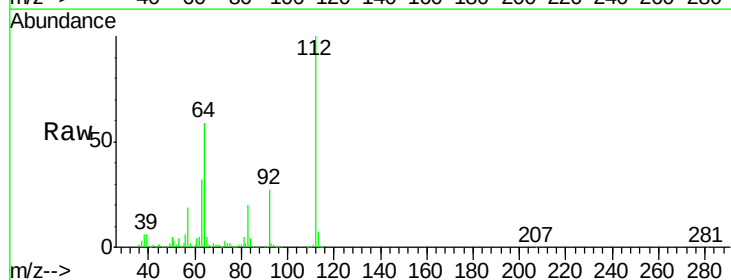
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



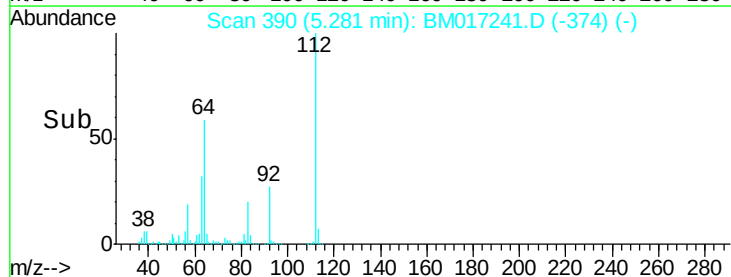
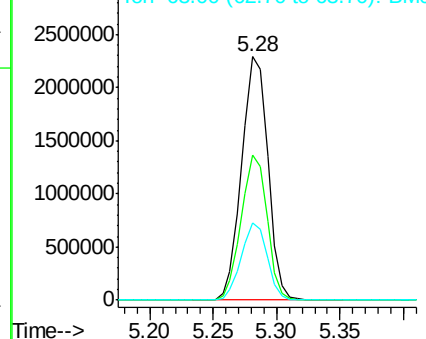
#5

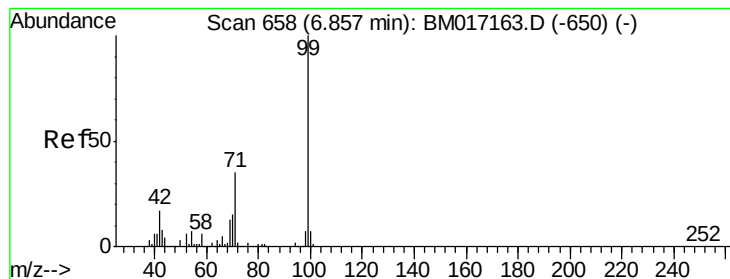
2-Fluorophenol
Concen: 162.361 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion:112 Resp: 3285148
Ion Ratio Lower Upper
112 100
64 59.5 41.7 62.5
63 31.8 23.0 34.4



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: 162.478 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-003-ABCD

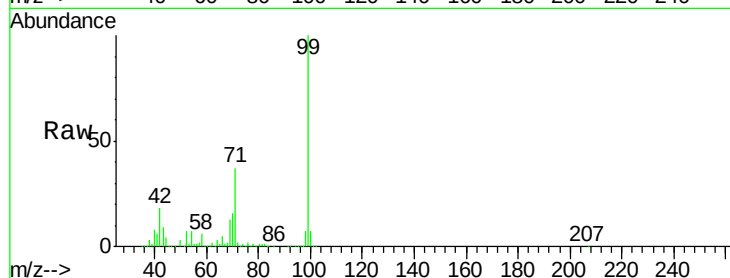
Tgt Ion: 99 Resp: 4477409

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

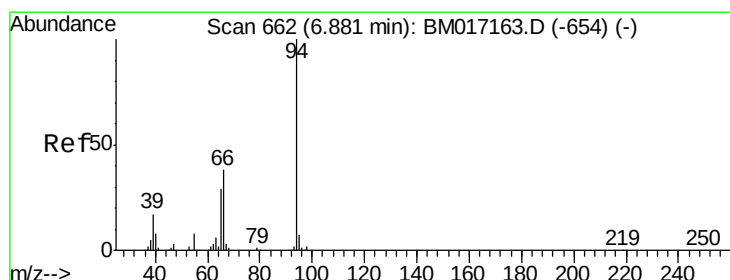
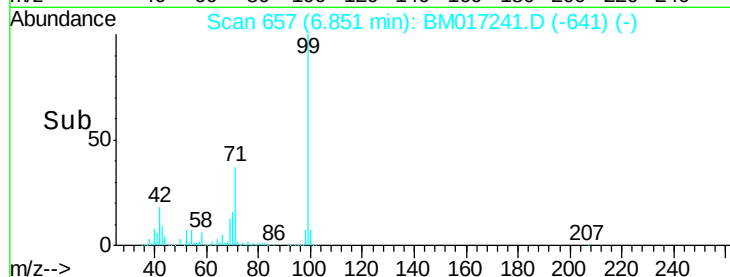
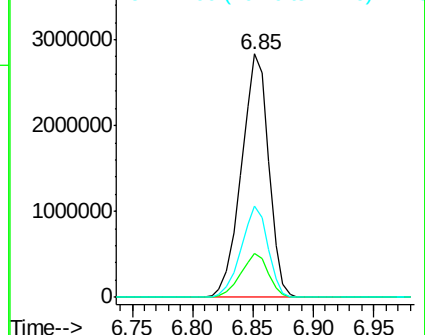
71 37.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017241.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017241.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017241.D (-641) (-)



#10

Phenol

Concen: 6.976 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

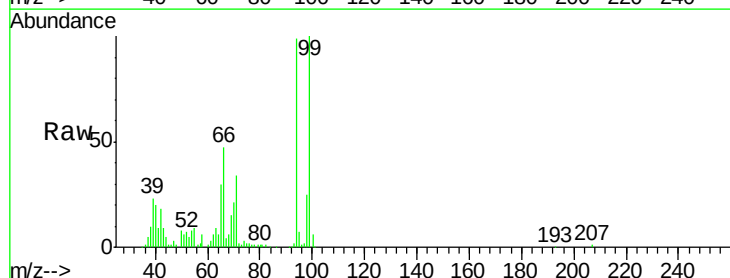
Tgt Ion: 94 Resp: 206898

Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

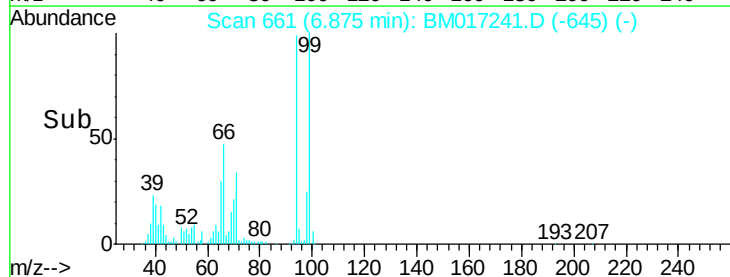
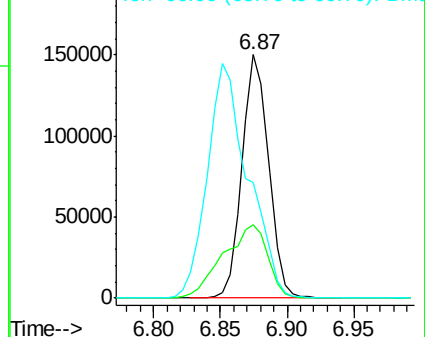
66 47.4 19.0 59.0

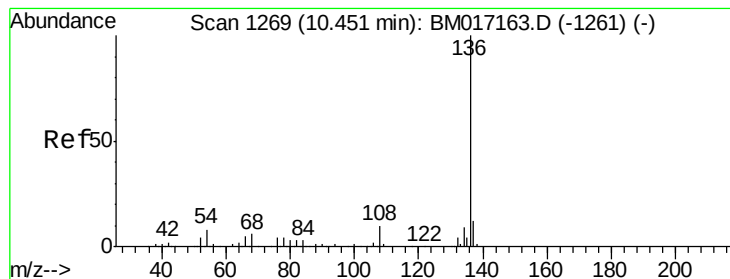


Abundance Ion 94.00 (93.70 to 94.70): BM017241.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017241.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017241.D (-645) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-003-ABCD

Tgt Ion:136 Resp: 1374082

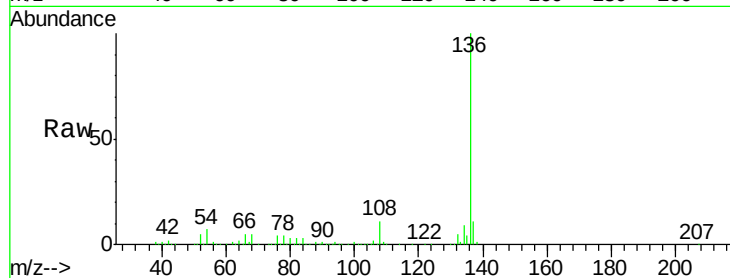
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 6.7 10.1

68 5.4 4.7 7.1

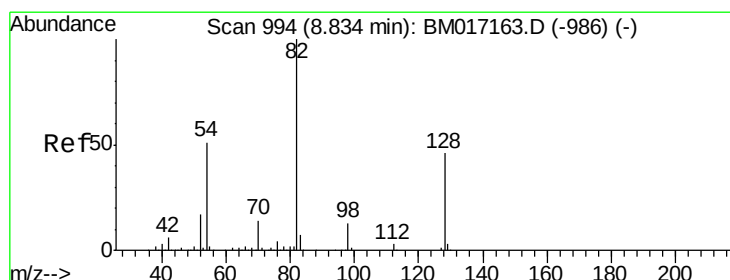
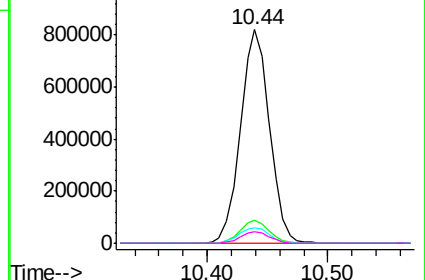
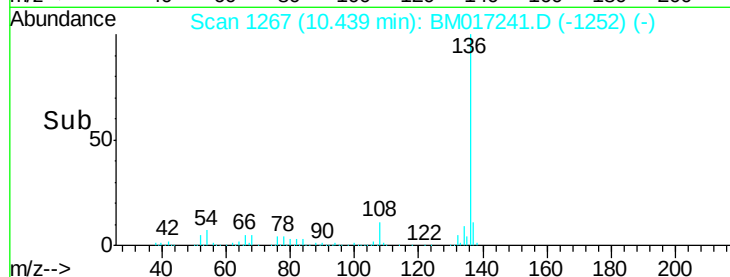


Abundance Ion 136.00 (135.70 to 136.70): E

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: 116.013 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

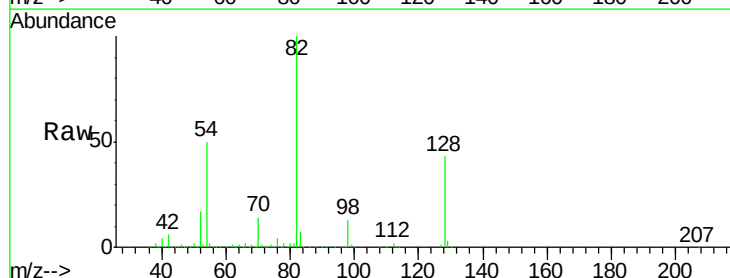
Tgt Ion: 82 Resp: 2725660

Ion Ratio Lower Upper

82 100

128 43.1 37.0 55.6

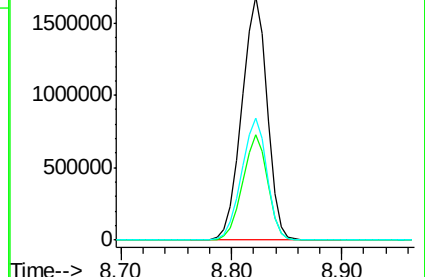
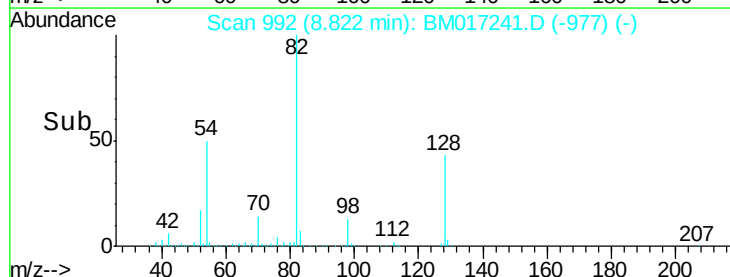
54 50.3 40.7 61.1

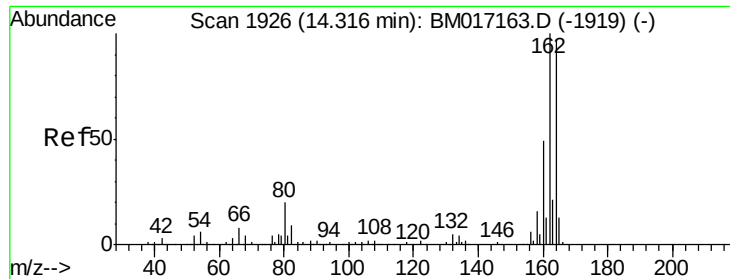


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-003-ABCD

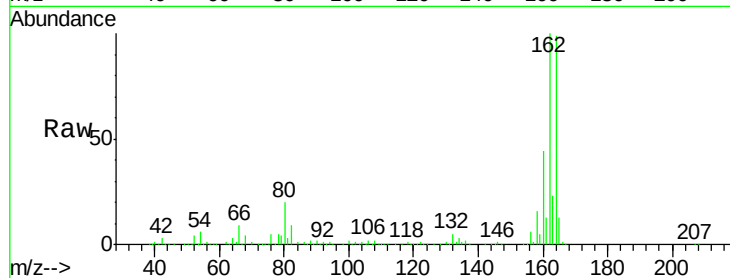
Tgt Ion:164 Resp: 804678

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

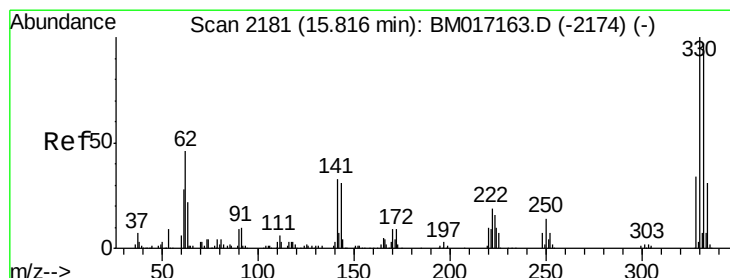
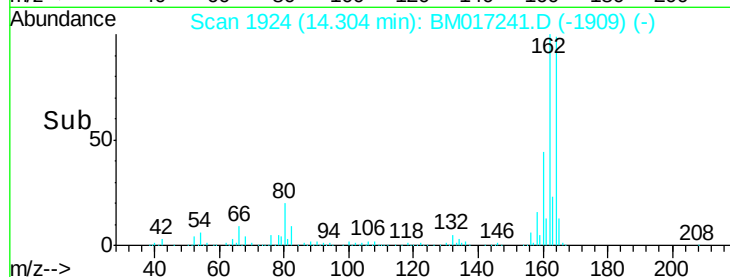
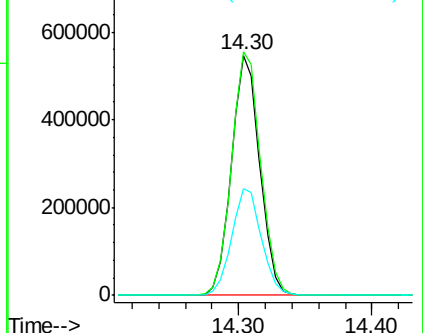
160 44.5 40.2 60.2



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: 162.977 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

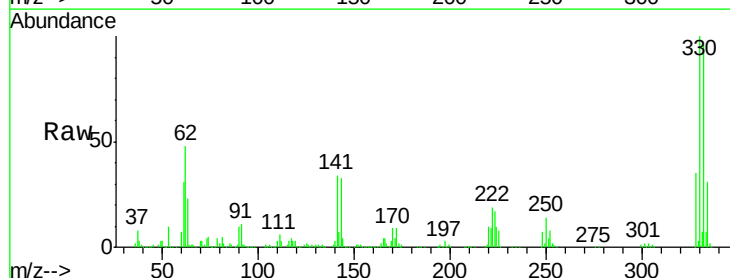
Tgt Ion:330 Resp: 1773530

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

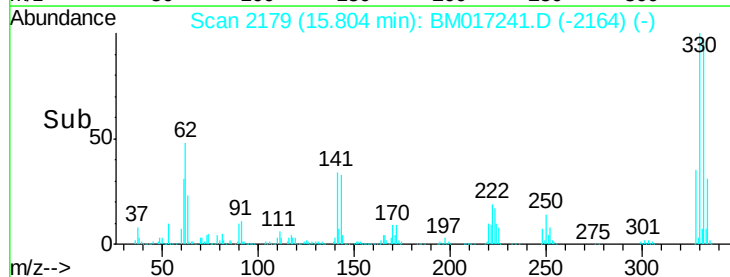
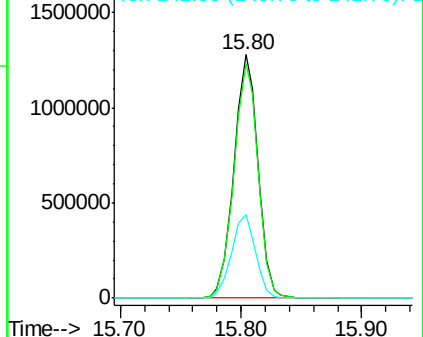
141 34.4 27.4 41.0

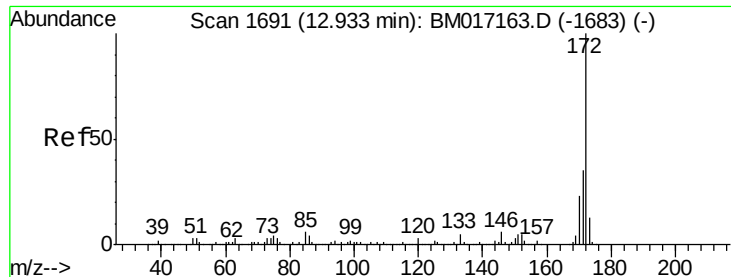


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

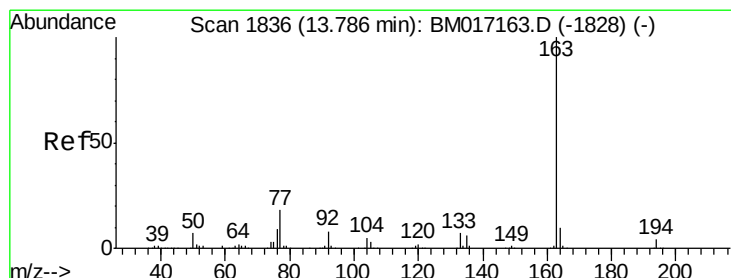
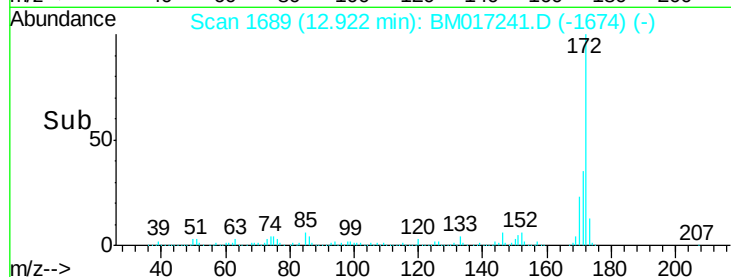
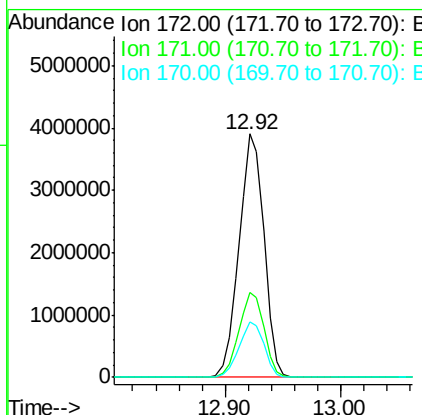
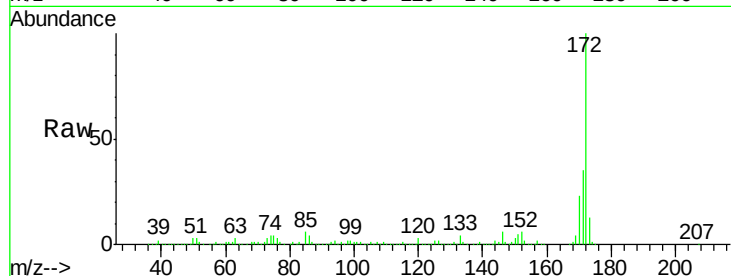




#45
 2-Fluorobiphenyl
 Concen: 96.441 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

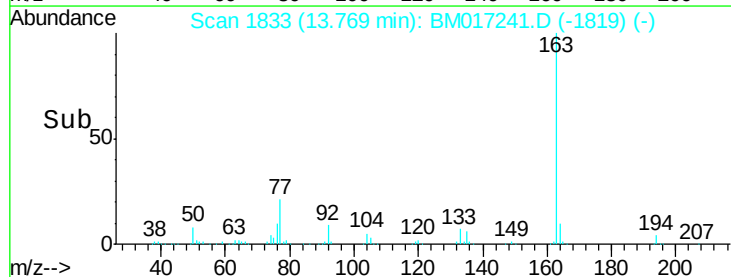
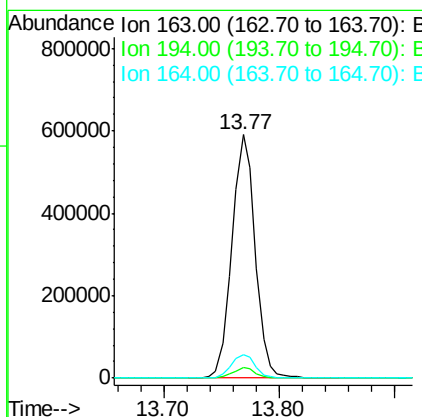
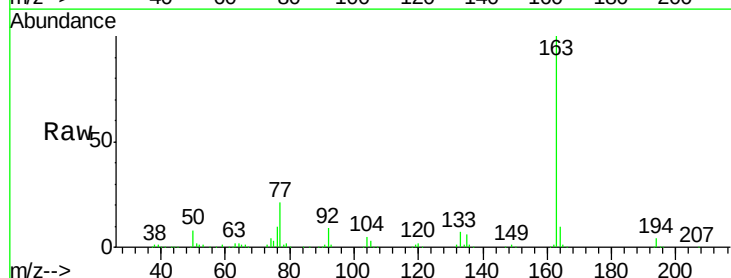
Instrument :
 BNA_M
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 FK-BPM-03-003-ABCD

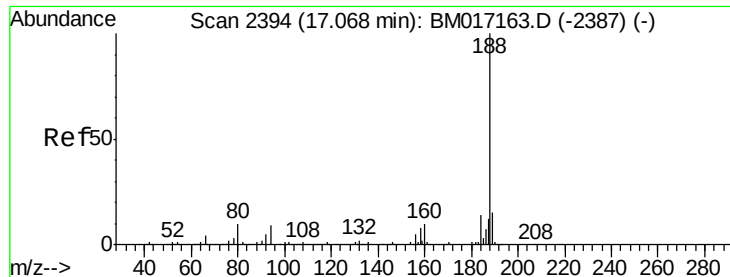
Tgt Ion:172 Resp: 5832502
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 22.9 18.3 27.5



#50
 Dimethylphthalate
 Concen: 13.248 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion:163 Resp: 822470
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.3 4.9
 164 9.6 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-003-ABCD

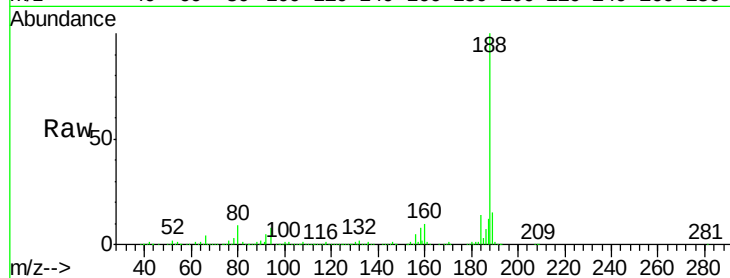
Tgt Ion:188 Resp: 1712129

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

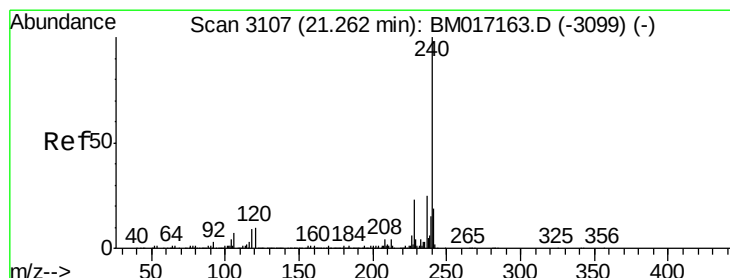
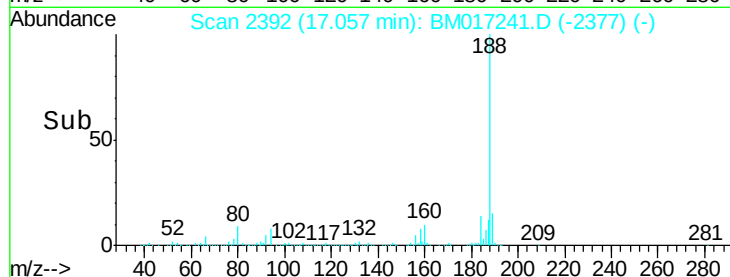
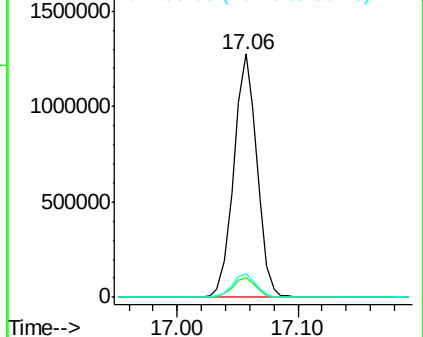
80 9.4 7.7 11.5



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

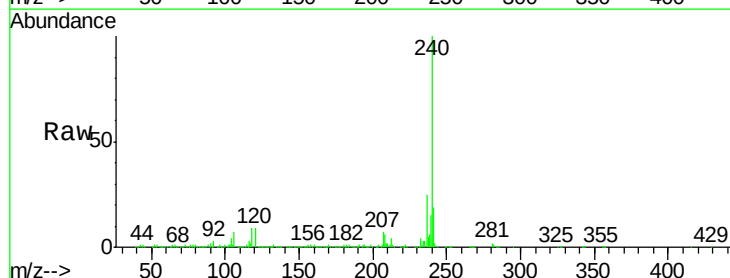
Tgt Ion:240 Resp: 1404712

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

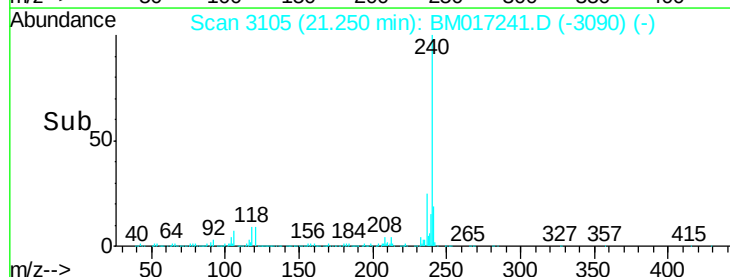
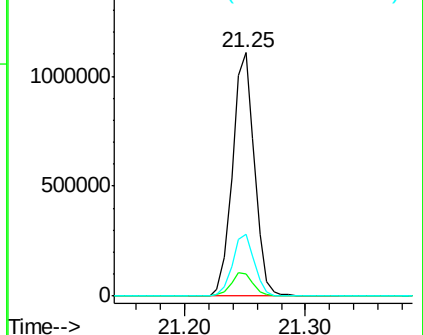
236 25.2 19.9 29.9

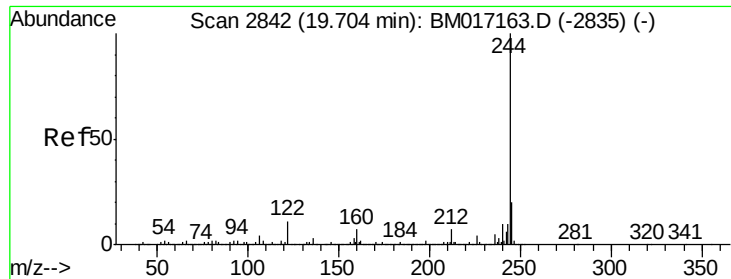


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 107.024 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

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FK-BPM-03-003-ABCD

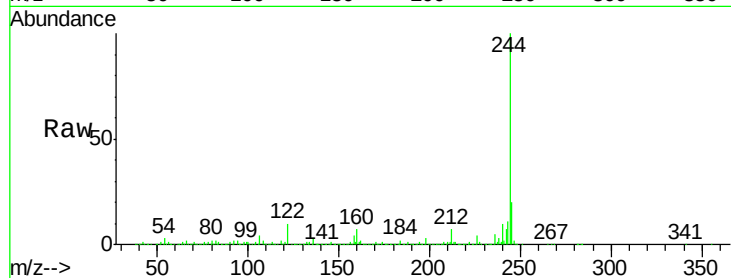
Tgt Ion:244 Resp: 6669798

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

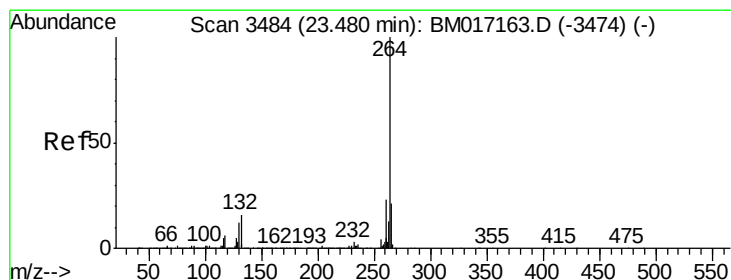
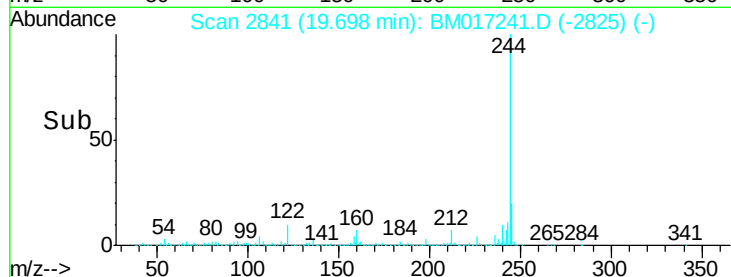
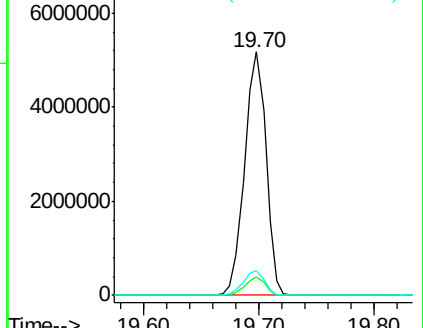
122 10.3 8.4 12.6



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: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

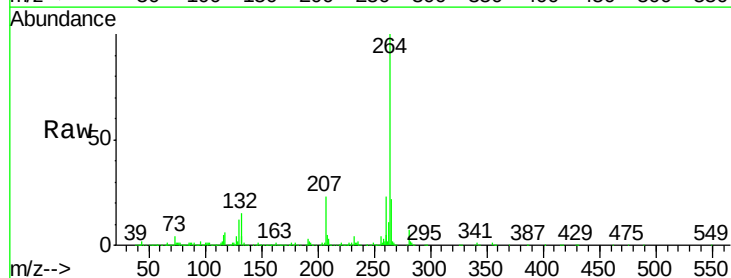
Tgt Ion:264 Resp: 1233604

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.8 17.8 26.8



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

