

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111418\
 Data File : BM017657.D
 Acq On : 14 Nov 2018 21:03
 Operator : MJ/SJ
 Sample : J5889-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP

Quant Time: Nov 15 03:49:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

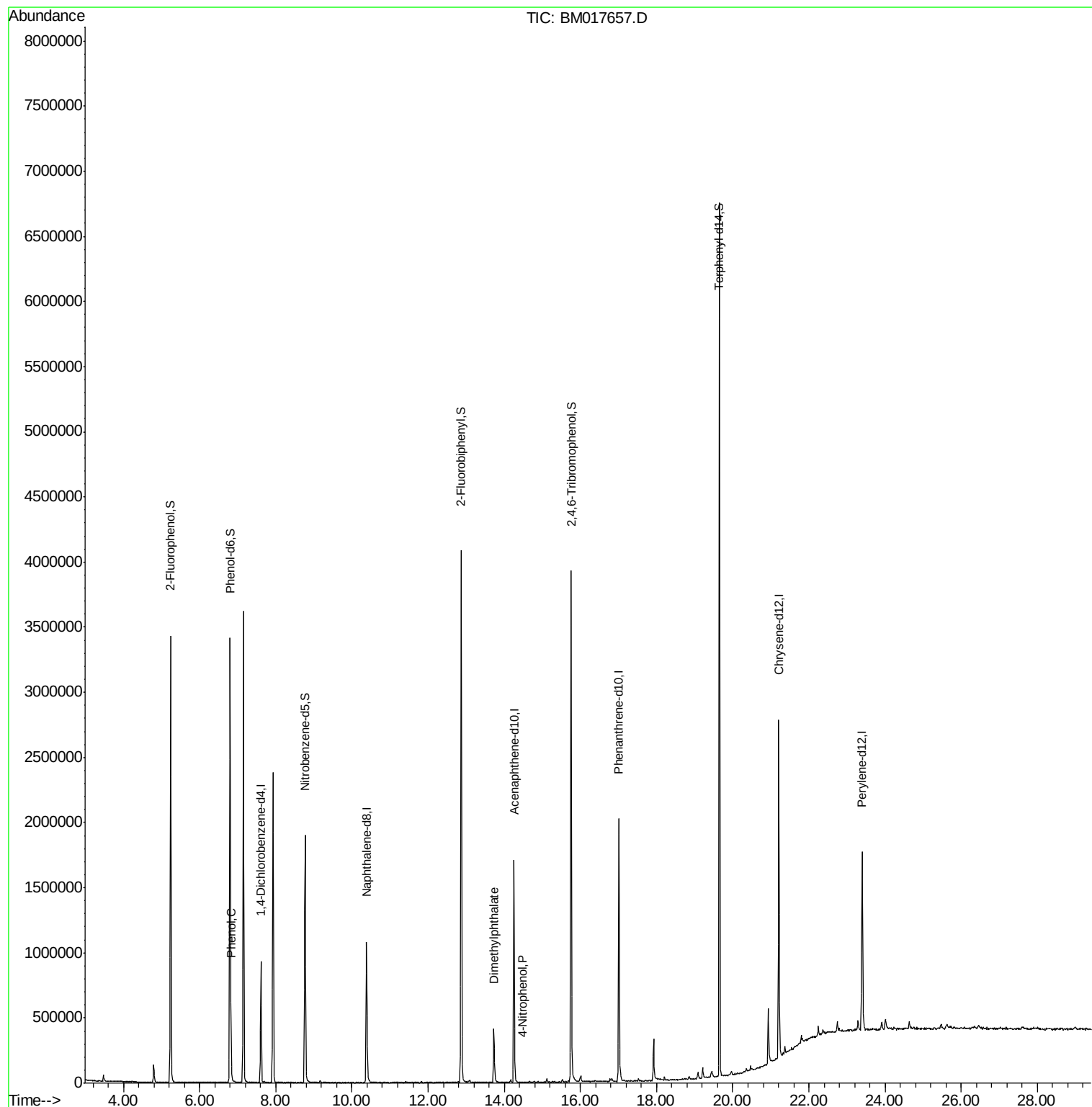
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	240605	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	957720	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	555283	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1242458	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1196233	20.00	ng	0.00
87) Perylene-d12	23.40	264	1007938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1354828	95.03	ng	0.00
7) Phenol-d6	6.80	99	1830337	91.92	ng	0.00
23) Nitrobenzene-d5	8.77	82	1115242	60.12	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	693141	86.87	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2101268	49.09	ng	0.00
79) Terphenyl-d14	19.65	244	2965109	56.18	ng	0.00
Target Compounds						
10) Phenol	6.83	94	118814	5.685	ng	99
50) Dimethylphthalate	13.73	163	298592	6.614	ng	99
56) 4-Nitrophenol	14.49	139	124	4.968	ng	# 5

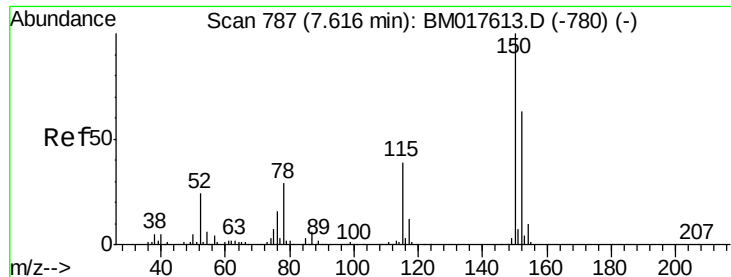
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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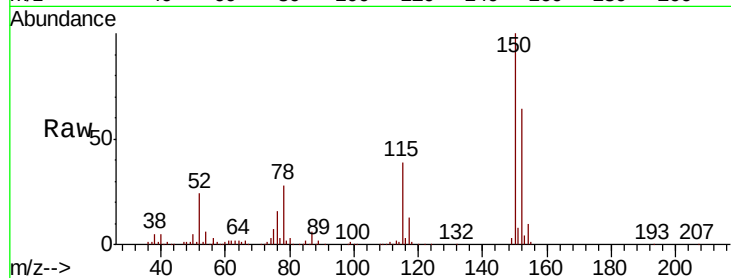


#1

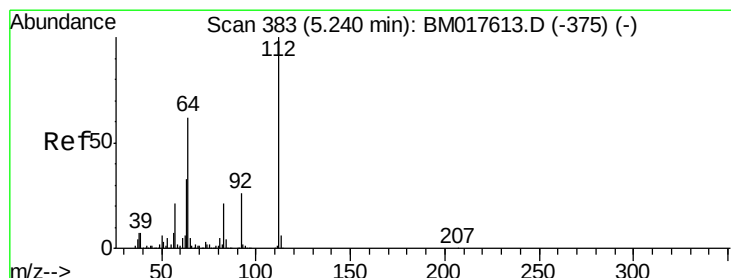
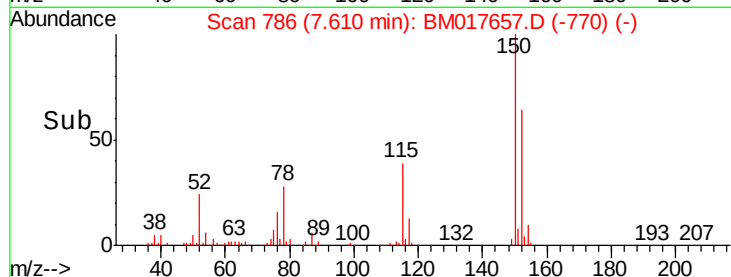
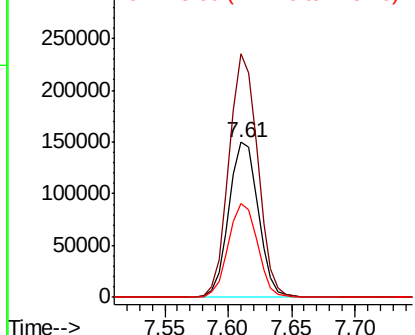
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Instrument :
BNA_M
ClientSampleId :
DUP

Tgt Ion:152 Resp: 240605
Ion Ratio Lower Upper
152 100
150 157.2 126.4 189.6
115 60.7 49.4 74.0



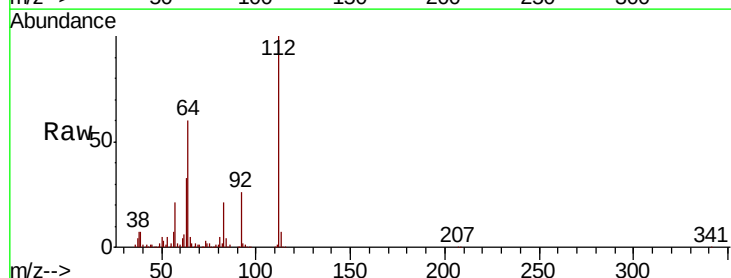
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



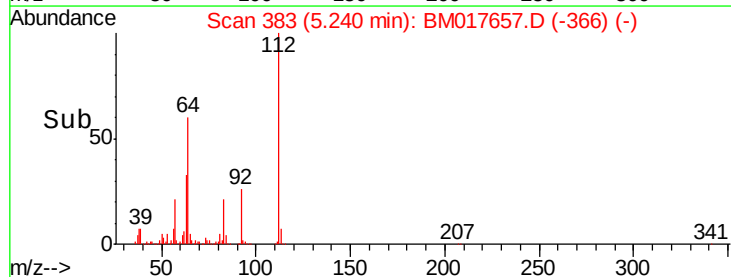
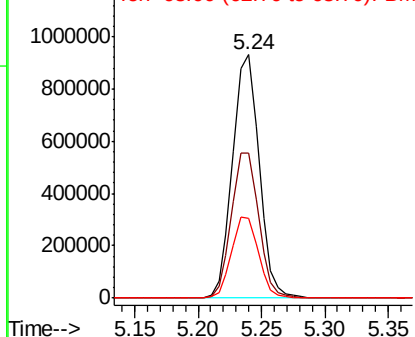
#5

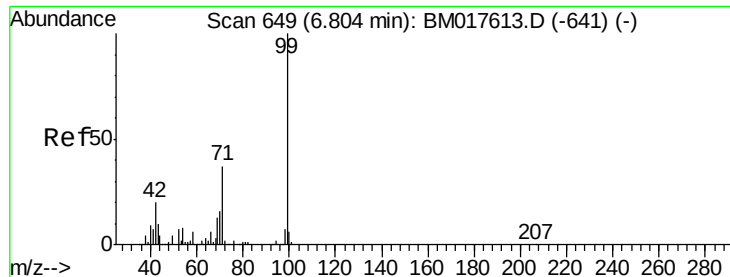
2-Fluorophenol
Concen: 95.030 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Tgt Ion:112 Resp: 1354828
Ion Ratio Lower Upper
112 100
64 59.8 49.3 73.9
63 32.7 26.2 39.4



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: 91.923 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017657.D

Acq: 14 Nov 2018 21:03

Instrument :

BNA_M

ClientSampled :

DUP

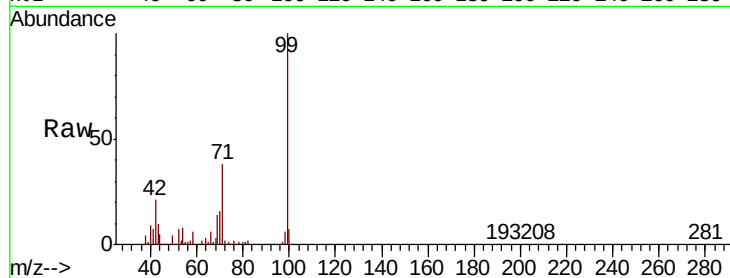
Tgt Ion: 99 Resp: 1830337

Ion Ratio Lower Upper

99 100

42 20.7 16.3 24.5

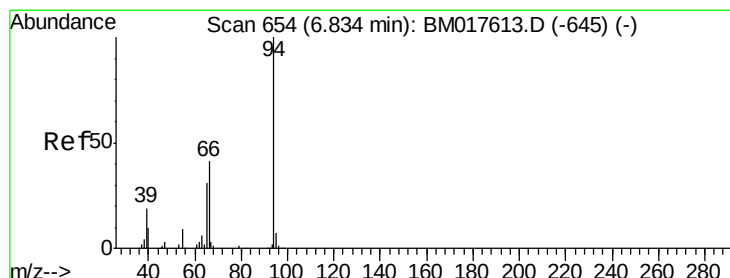
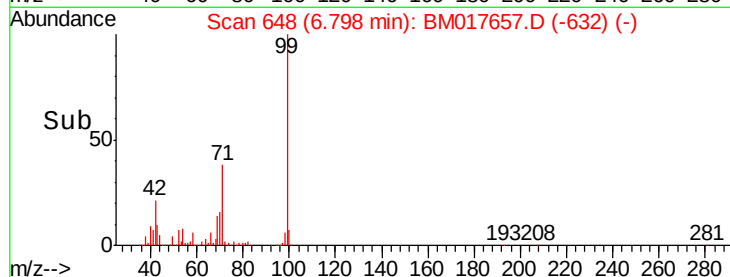
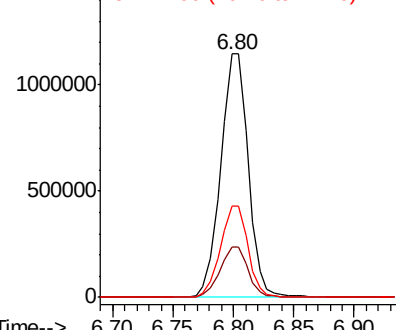
71 37.7 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017657.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM017657.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM017657.D (-632) (-)



#10

Phenol

Concen: 5.685 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017657.D

Acq: 14 Nov 2018 21:03

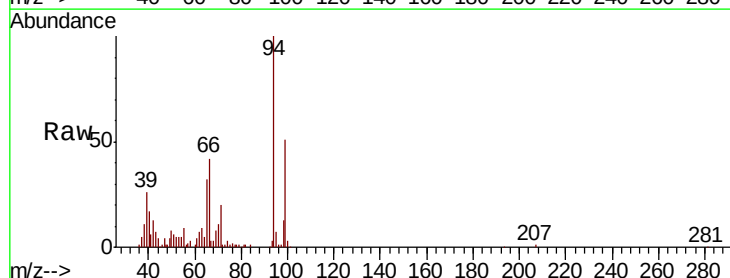
Tgt Ion: 94 Resp: 118814

Ion Ratio Lower Upper

94 100

65 32.3 11.4 51.4

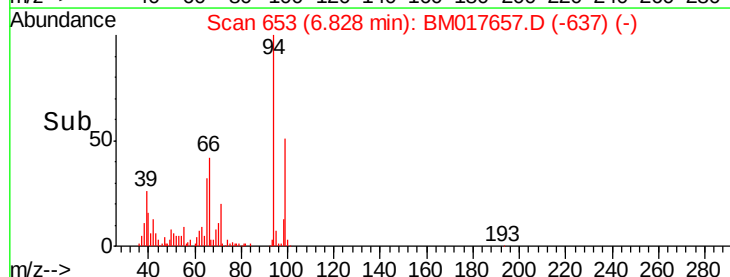
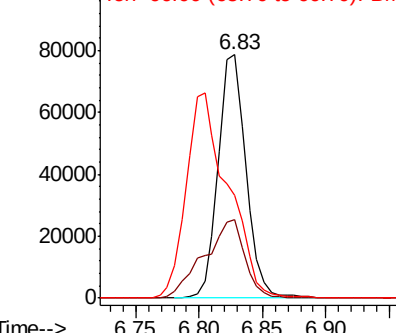
66 42.0 21.4 61.4

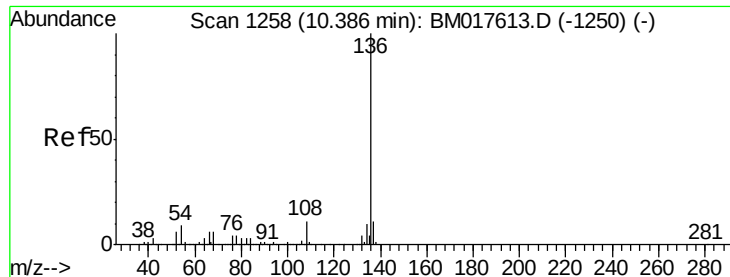


Abundance Ion 94.00 (93.70 to 94.70): BM017657.D (-637) (-)

Ion 65.00 (64.70 to 65.70): BM017657.D (-637) (-)

Ion 66.00 (65.70 to 66.70): BM017657.D (-637) (-)

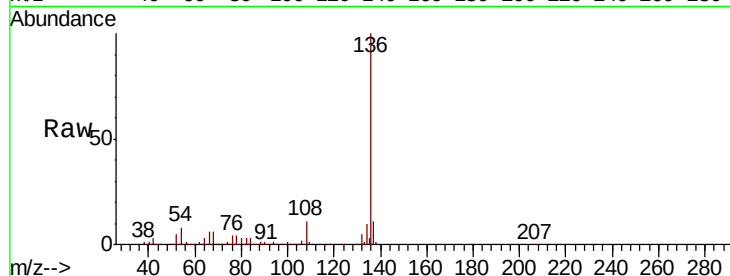




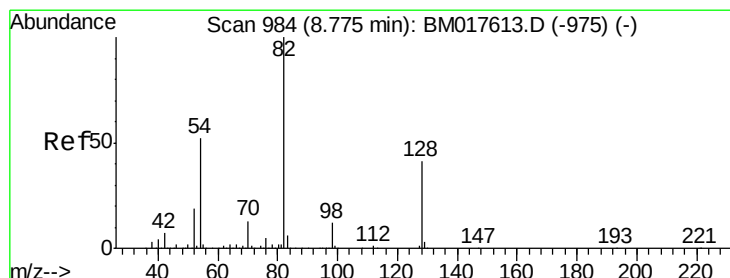
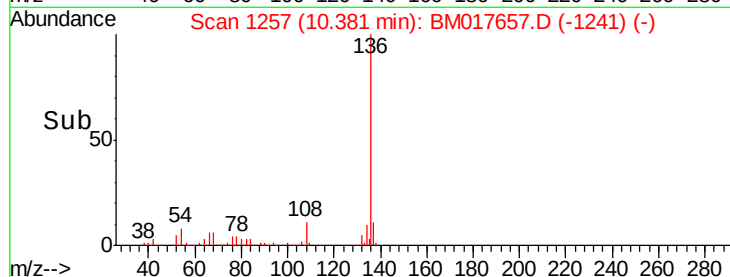
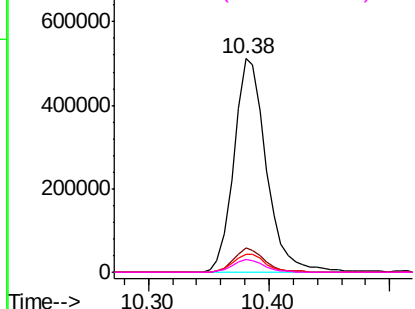
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Instrument :
BNA_M
ClientSampleId :
DUP

Tgt Ion:	136	Resp:	957720
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.4	7.0	10.6
68	6.0	4.9	7.3

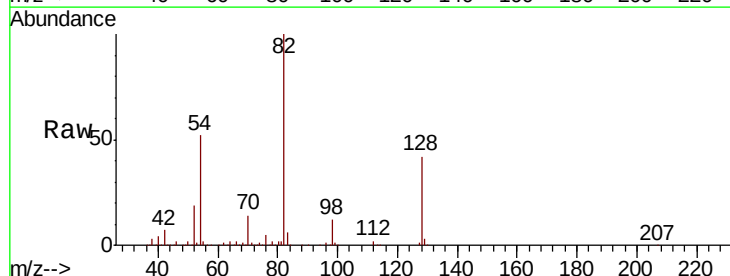


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

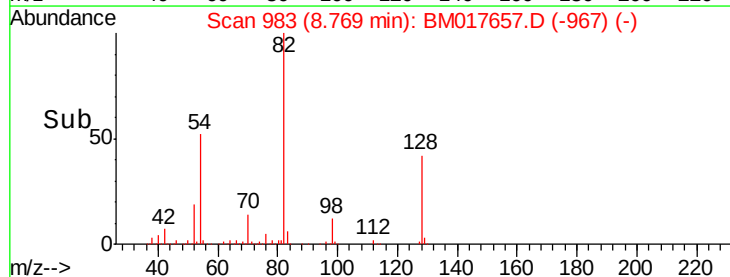
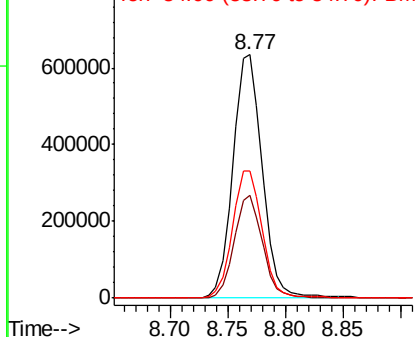


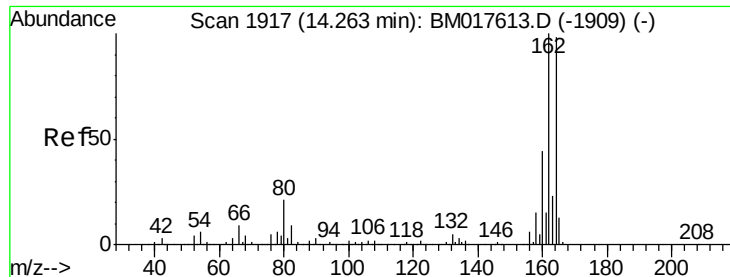
#23
Nitrobenzene-d5
Concen: 60.116 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Tgt Ion:	82	Resp:	1115242
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.0	49.4
54	52.3	41.4	62.2



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

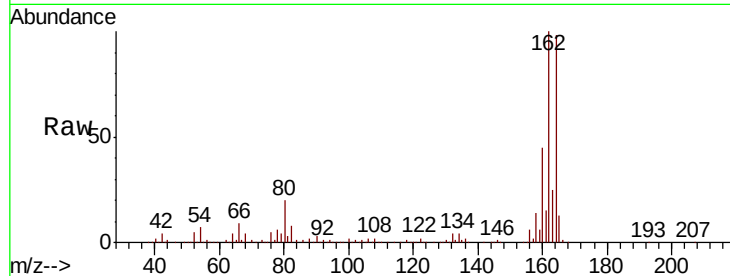




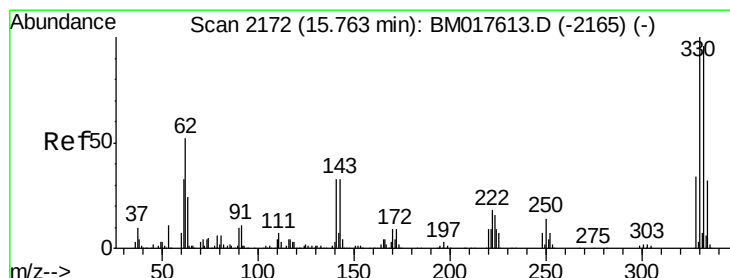
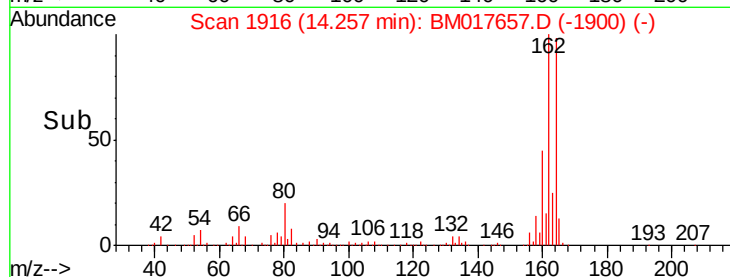
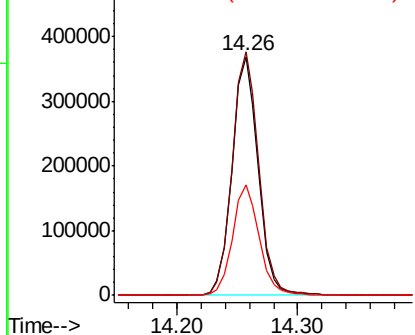
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Instrument :
BNA_M
ClientSampleID :
DUP

Tgt Ion:164 Resp: 555283
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 46.4 35.6 53.4

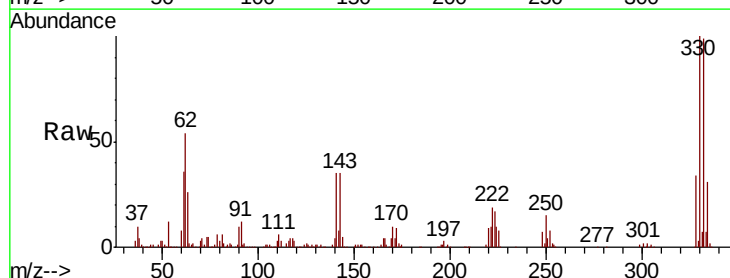


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

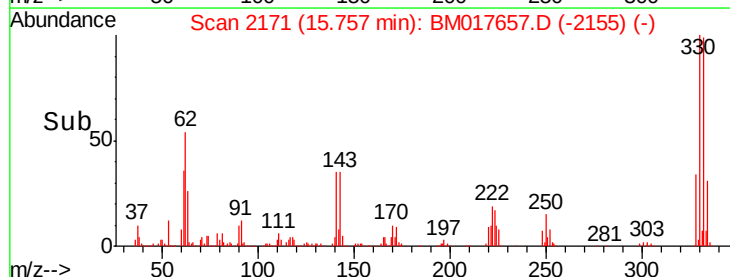
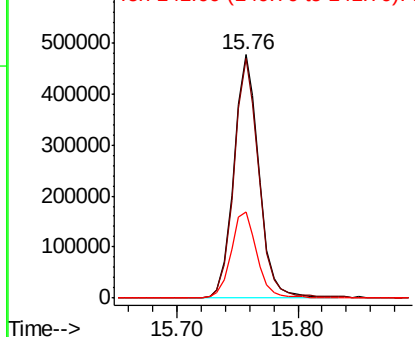


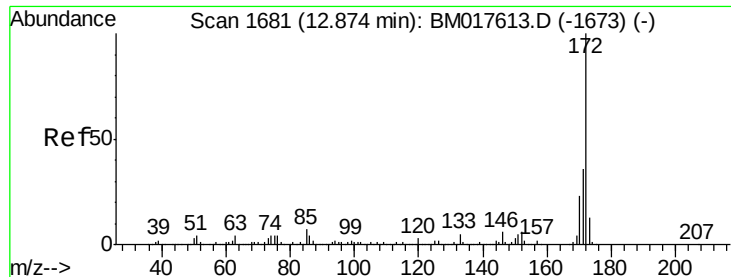
#42
2,4,6-Tribromophenol
Concen: 86.875 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Tgt Ion:330 Resp: 693141
Ion Ratio Lower Upper
330 100
332 96.9 77.9 116.9
141 36.4 27.5 41.3



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

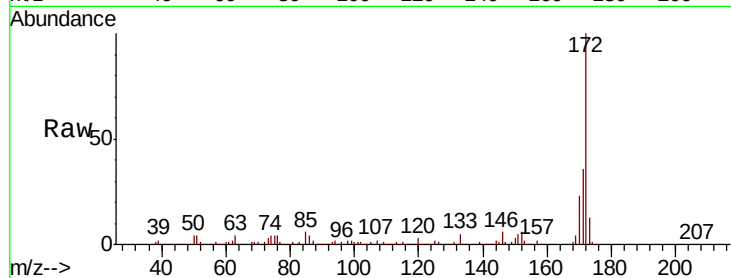




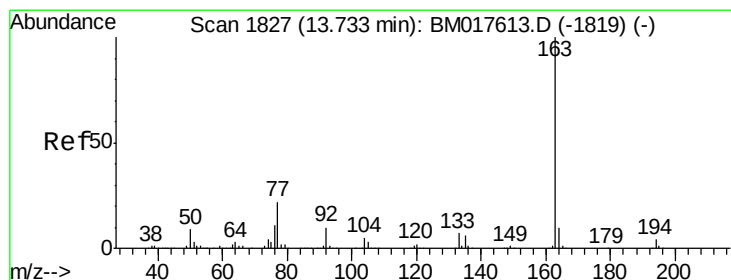
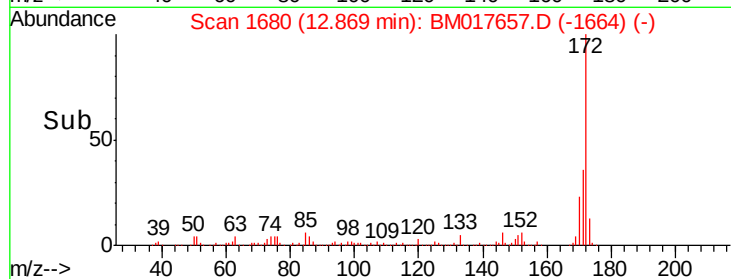
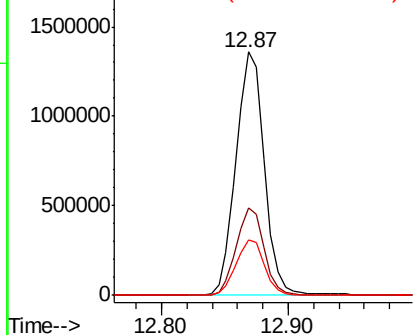
#45
 2-Fluorobiphenyl
 Concen: 49.093 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017657.D
 Acq: 14 Nov 2018 21:03

Instrument :
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 ClientSampleId :
 DUP

Tgt Ion:172 Resp: 2101268
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.7 43.1
 170 22.7 18.3 27.5

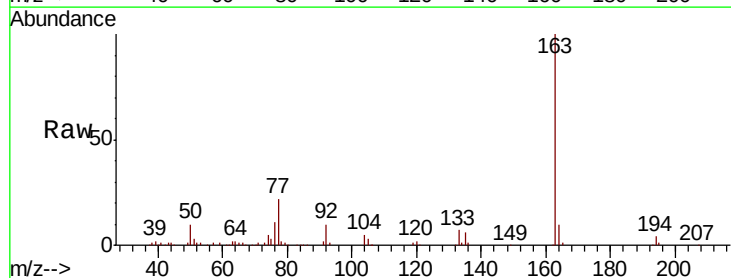


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

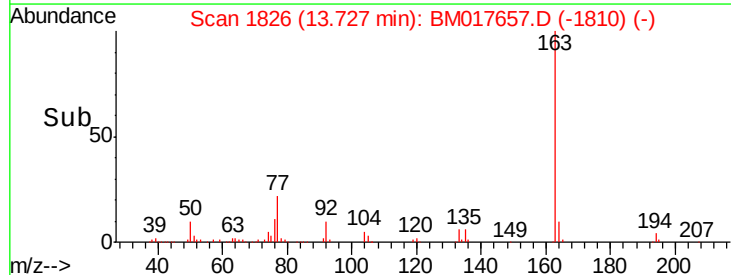
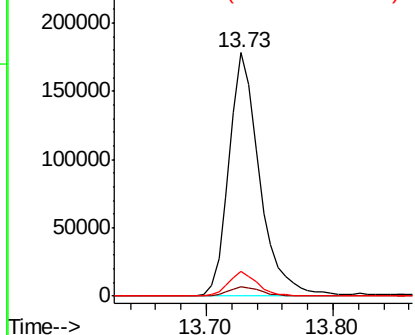


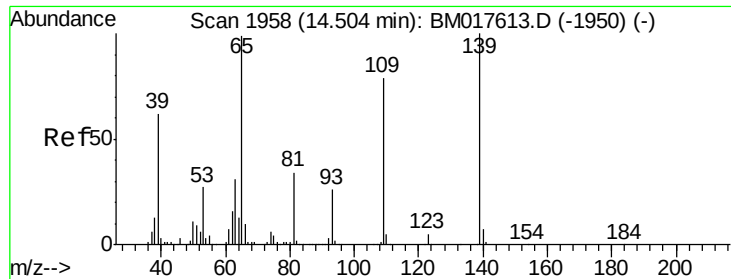
#50
 Dimethylphthalate
 Concen: 6.614 ng
 RT: 13.73 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BM017657.D
 Acq: 14 Nov 2018 21:03

Tgt Ion:163 Resp: 298592
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.1 4.7
 164 10.0 8.2 12.4



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

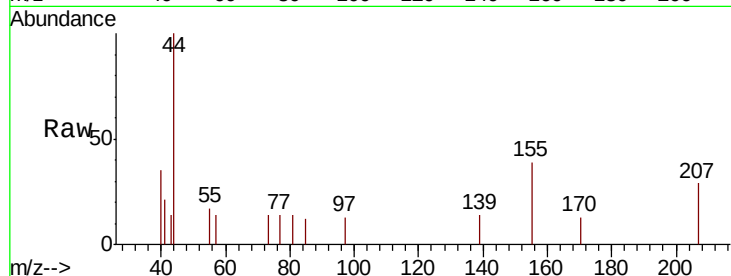




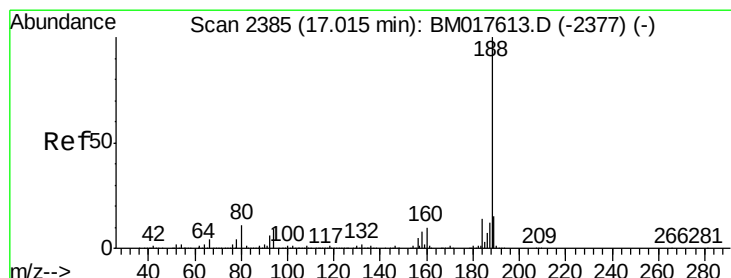
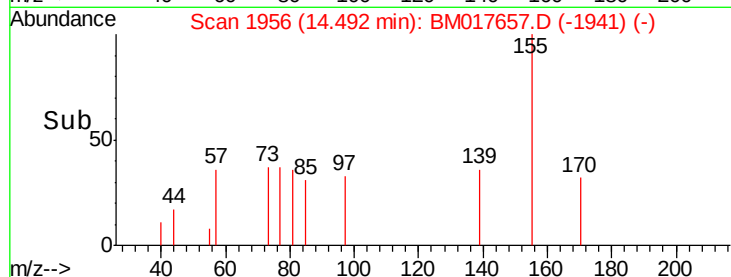
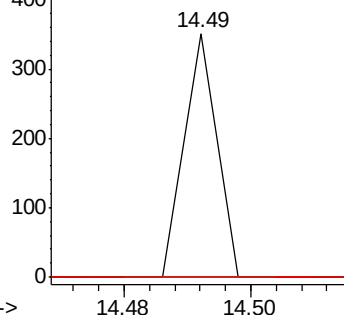
#56
4-Nitrophenol
Concen: 4.968 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Instrument :
BNA_M
ClientSampleId :
DUP

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 0.0 58.6 98.6#
65 0.0 79.5 119.5#

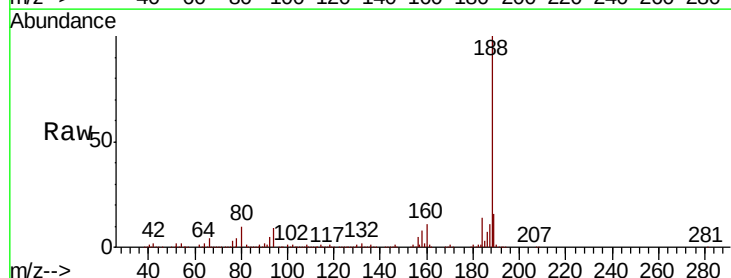


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

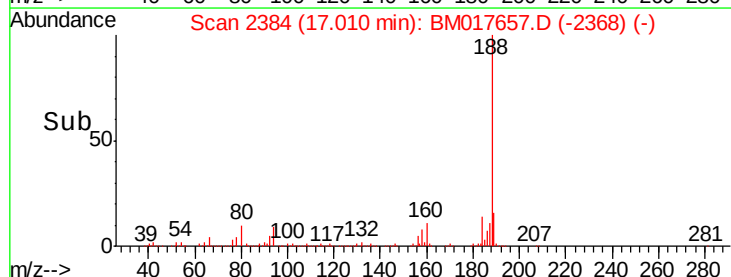
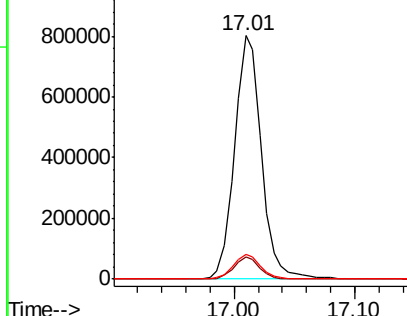


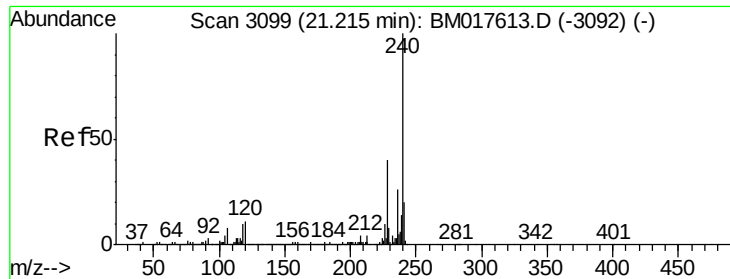
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Tgt Ion:188 Resp: 1242458
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.1 8.6 13.0



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: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM017657.D

Acq: 14 Nov 2018 21:03

Instrument :

BNA_M

ClientSampleId :

DUP

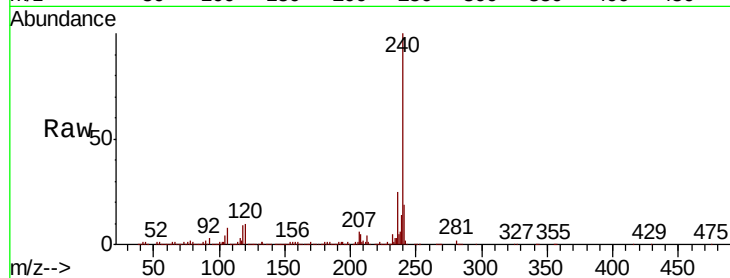
Tgt Ion:240 Resp: 1196233

Ion Ratio Lower Upper

240 100

120 9.7 8.5 12.7

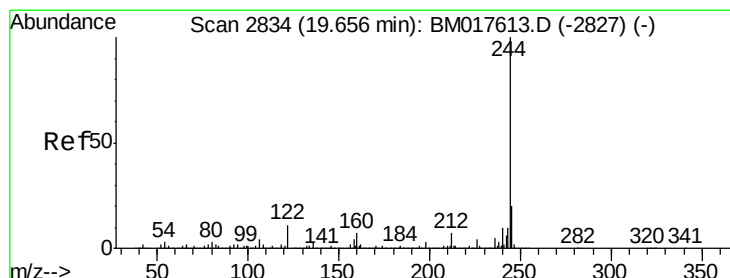
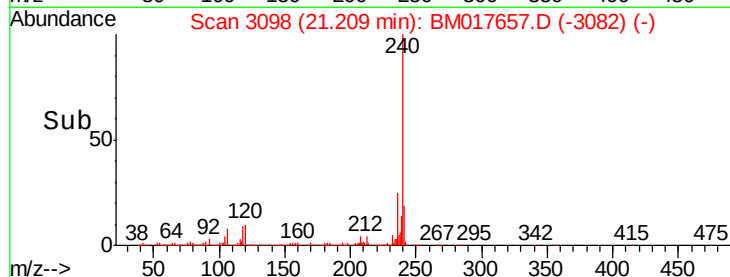
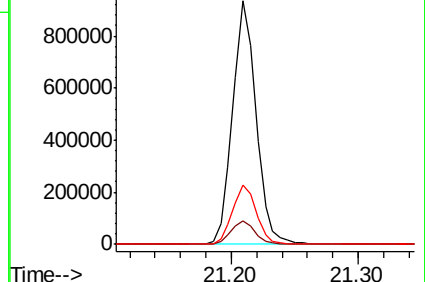
236 24.6 20.4 30.6



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: 56.178 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017657.D

Acq: 14 Nov 2018 21:03

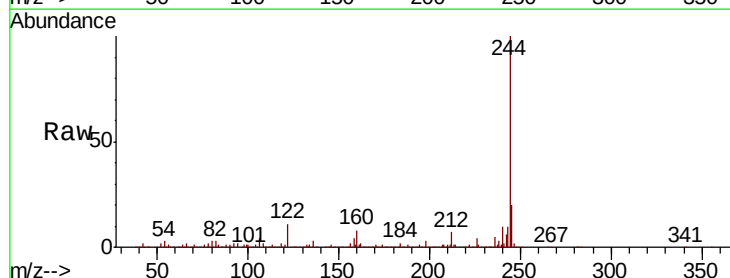
Tgt Ion:244 Resp: 2965109

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

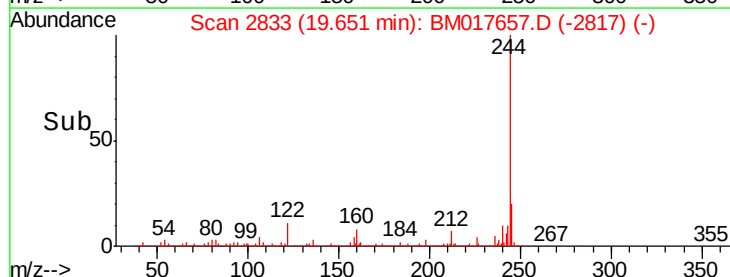
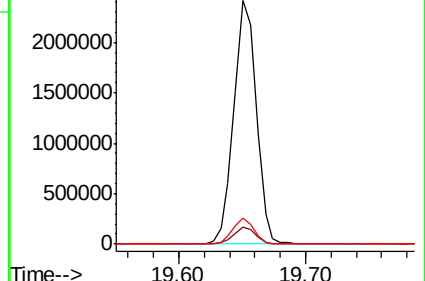
122 10.8 9.0 13.6

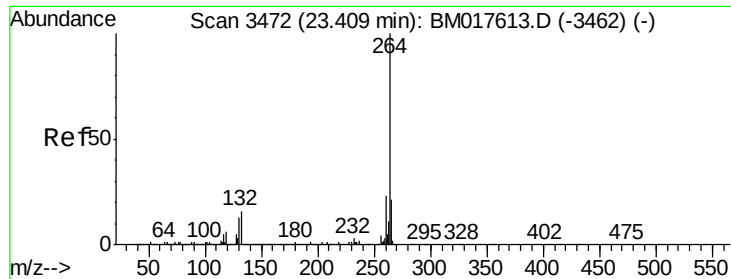


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM017657.D
Acq: 14 Nov 2018 21:03

Instrument :
BNA_M
ClientSampleId :
DUP

Tgt Ion: 264 Resp: 1007938

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	21.6	17.5	26.3

