

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017648.D
 Acq On : 14 Nov 2018 15:37
 Operator : MJ/SJ
 Sample : J5918-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 14 18:10:41 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

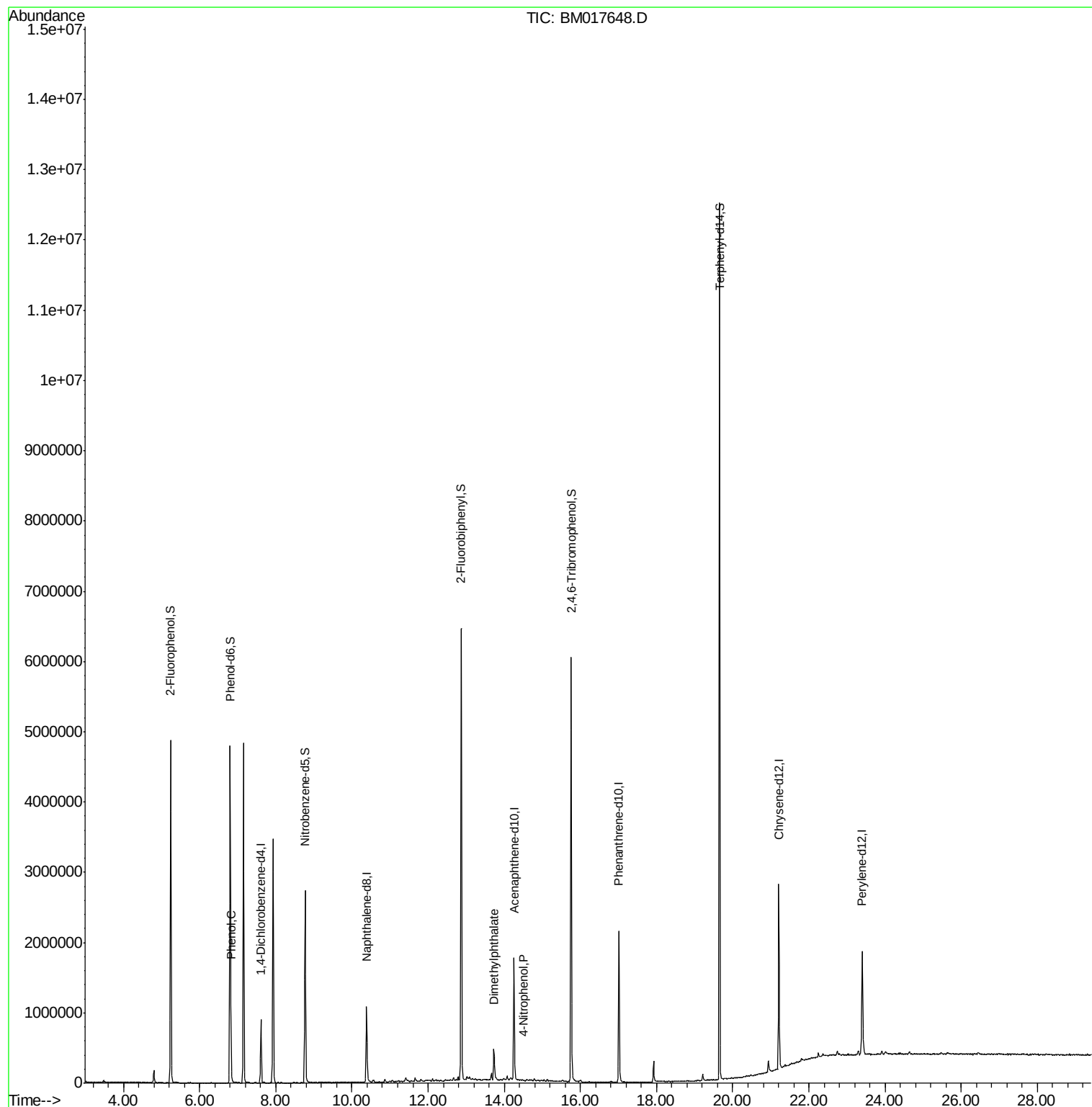
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	233896	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	934114	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	563932	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1317111	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1317581	20.00	ng	0.00
87) Perylene-d12	23.40	264	1109442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1817908	131.17	ng	0.00
7) Phenol-d6	6.80	99	2458392	127.01	ng	0.00
23) Nitrobenzene-d5	8.77	82	1525383	84.30	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1042582	128.67	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3343754	76.92	ng	0.00
79) Terphenyl-d14	19.66	244	5346652	91.97	ng	0.00
Target Compounds						
10) Phenol	6.83	94	114821	5.651	ng	91
50) Dimethylphthalate	13.73	163	309134	6.742	ng	99
56) 4-Nitrophenol	14.52	139	124	4.968	ng	# 1

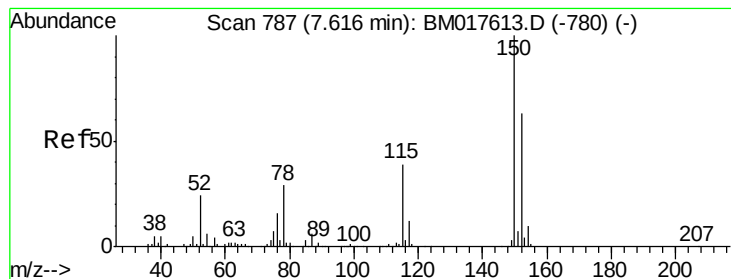
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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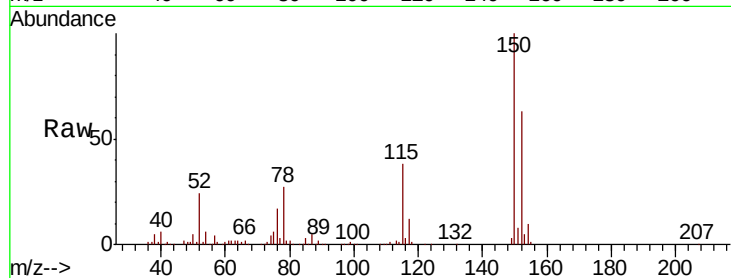


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.4	189.6
115	60.2	49.4	74.0

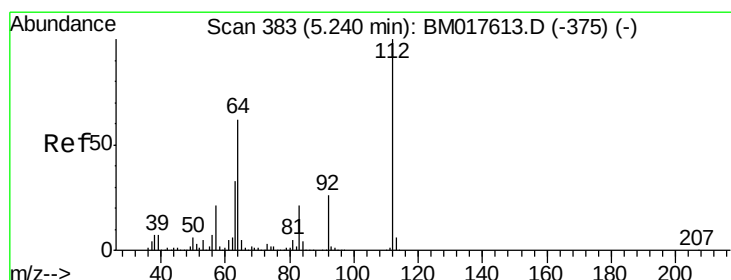
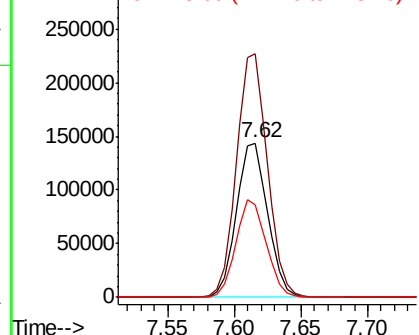
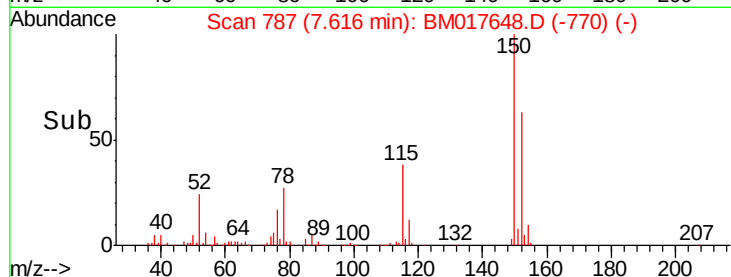


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

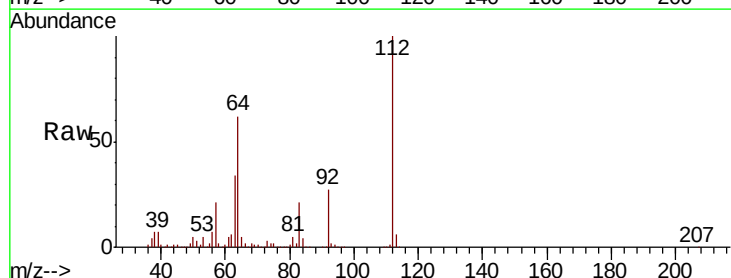
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.169 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.3	73.9
63	33.9	26.2	39.4

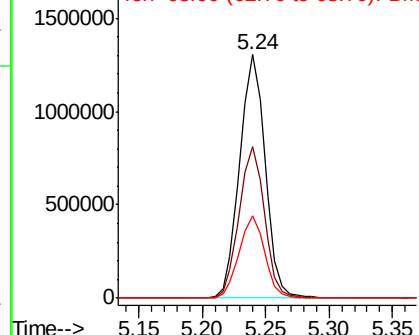
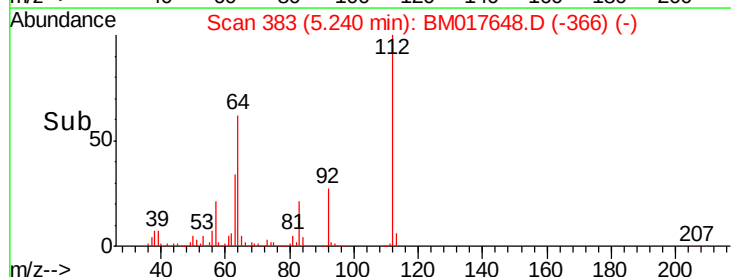


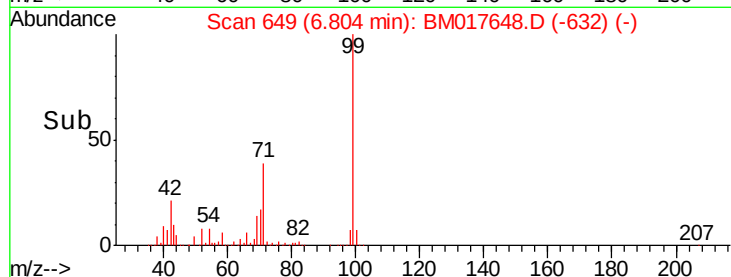
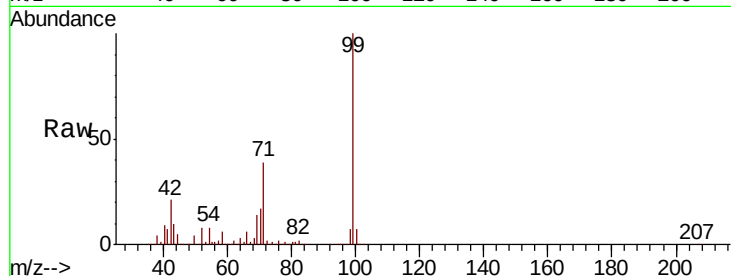
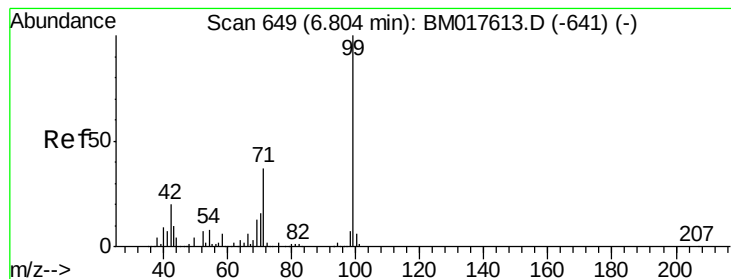
Abundance

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: 127.006 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017648.D

Acq: 14 Nov 2018 15:37

Instrument :

BNA_M

ClientSampled :

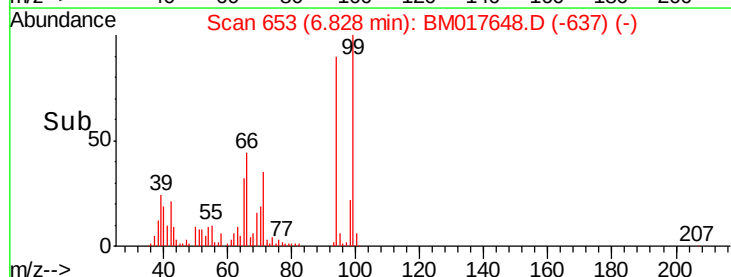
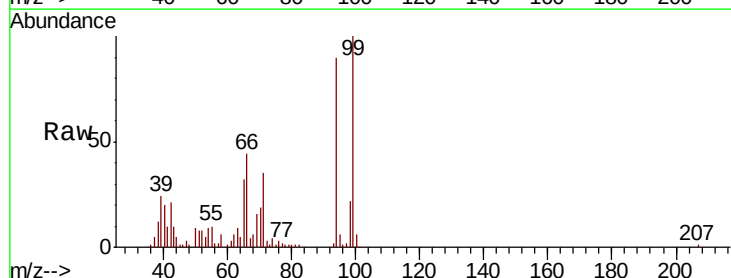
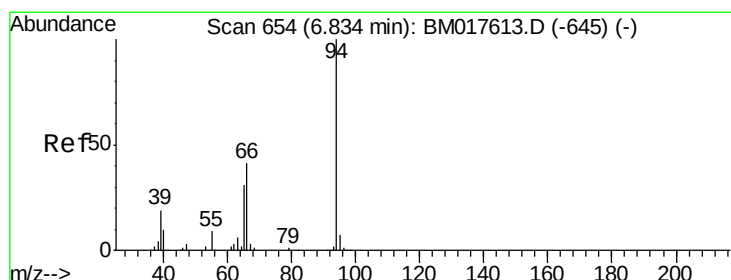
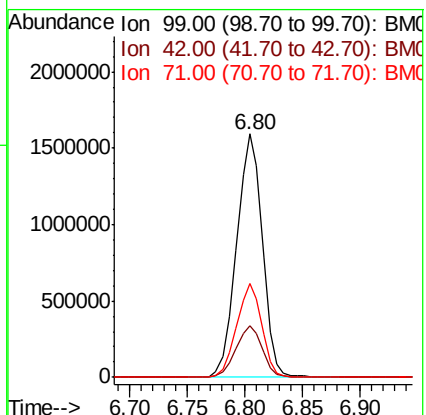
Tot Ion: 99 Resp: 2458392

Ion Ratio Lower Upper

99 100

42 21.2 16.3 24.5

71 38.6 29.8 44.8



#10

Phenol

Concen: 5.651 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017648.D

Acq: 14 Nov 2018 15:37

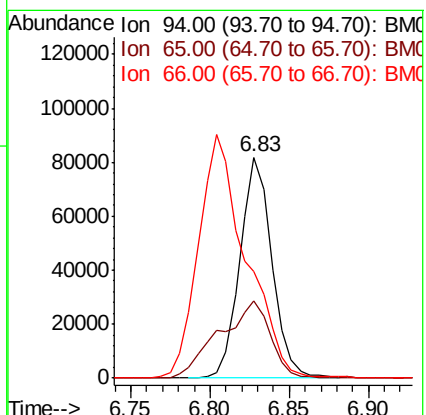
Tgt Ion: 94 Resp: 114821

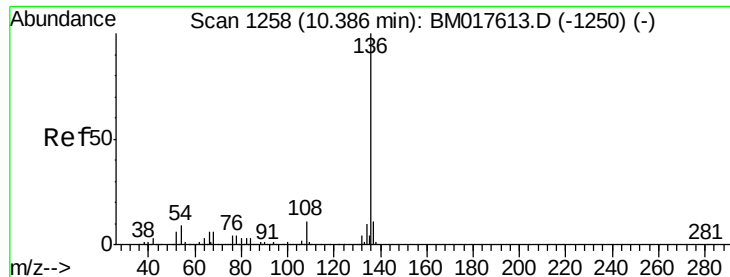
Ion Ratio Lower Upper

94 100

65 35.1 11.4 51.4

66 48.5 21.4 61.4

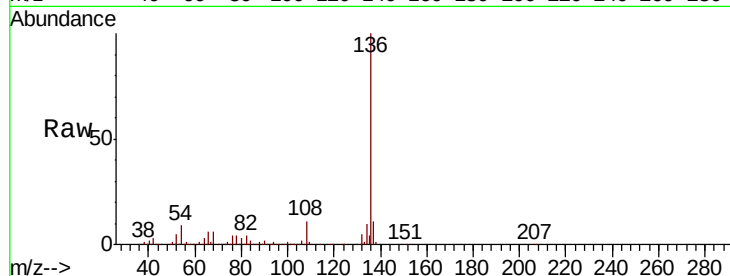




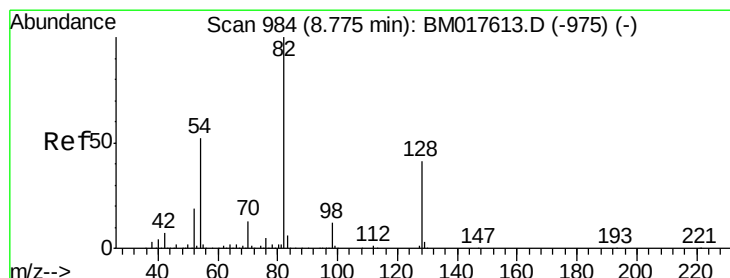
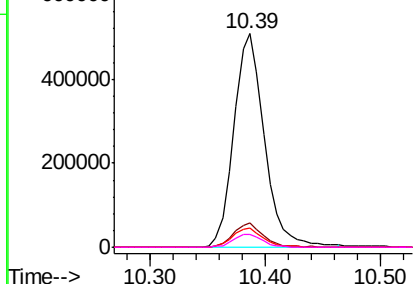
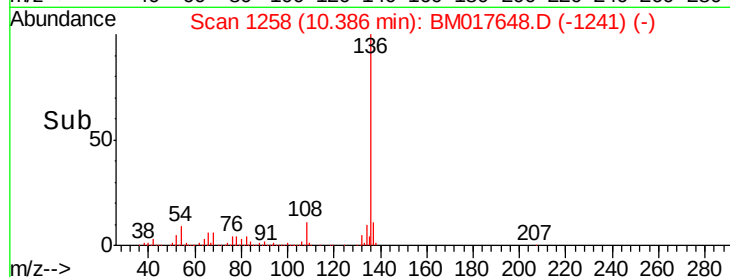
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	934114
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 12.8
54	8.9	7.0 10.6
68	5.9	4.9 7.3

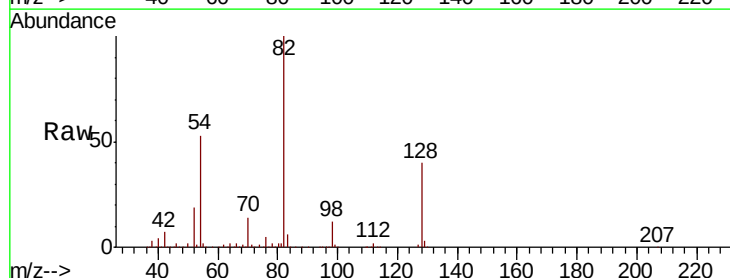


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

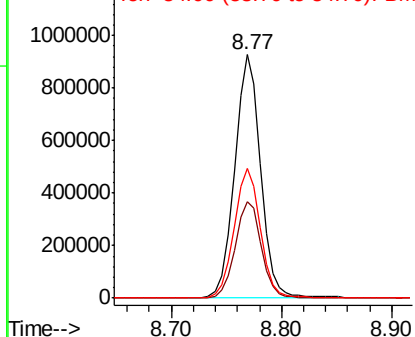
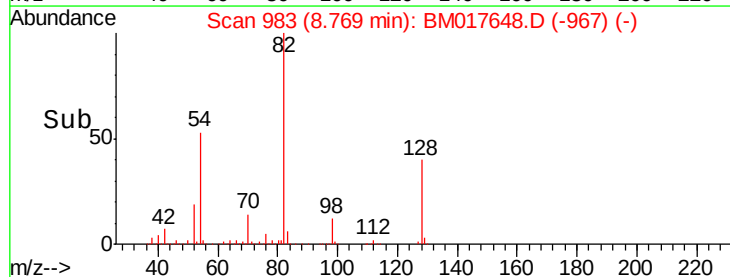


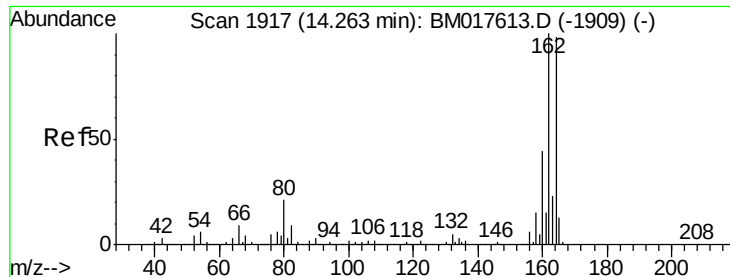
#23
Nitrobenzene-d5
Concen: 84.303 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion: 82	Resp:	1525383
Ion	Ratio	Lower Upper
82	100	
128	39.8	33.0 49.4
54	53.1	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: BM017648.D

Acq: 14 Nov 2018 15:37

Instrument :

BNA_M

ClientSampled :

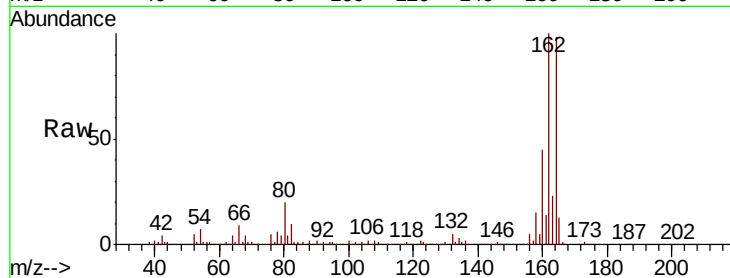
Tot Ion:164 Resp: 563932

Ion Ratio Lower Upper

164 100

162 101.9 81.4 122.0

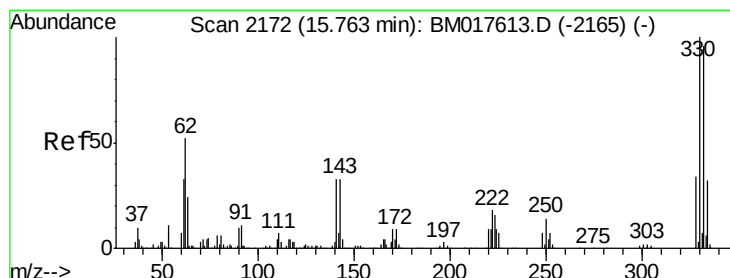
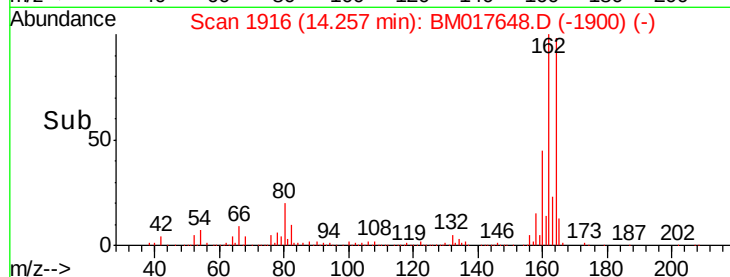
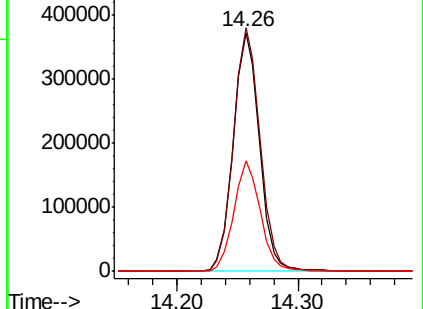
160 46.2 35.6 53.4



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: 128.668 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017648.D

Acq: 14 Nov 2018 15:37

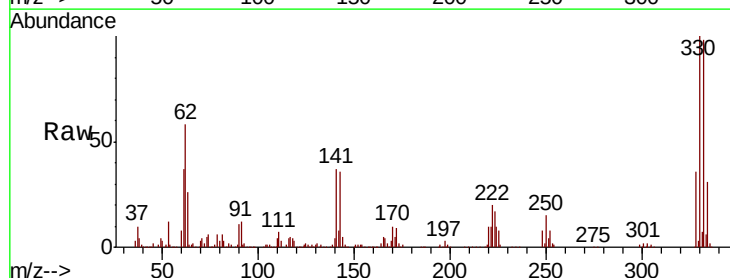
Tgt Ion:330 Resp: 1042582

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

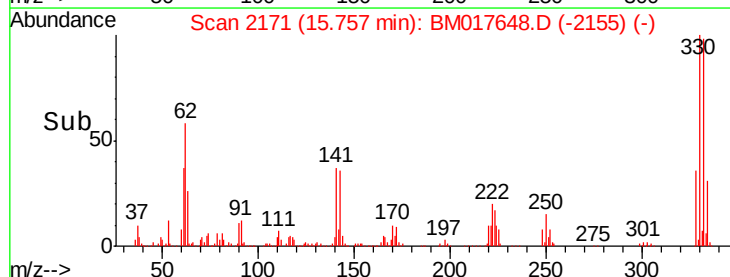
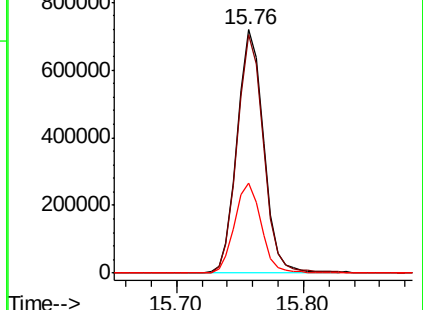
141 37.1 27.5 41.3

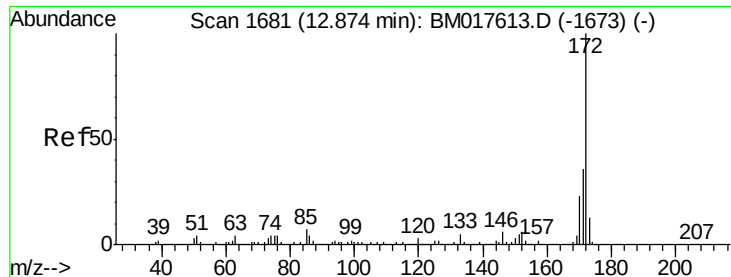


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

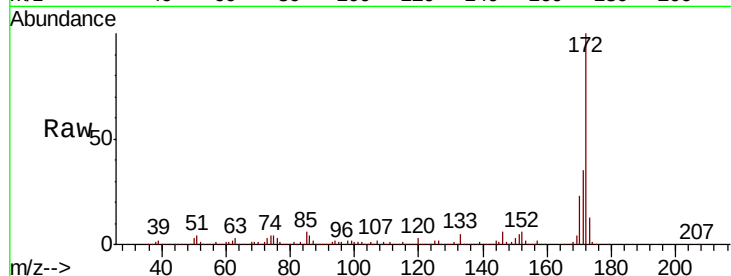




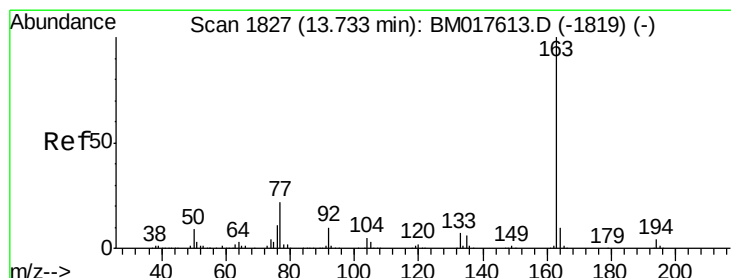
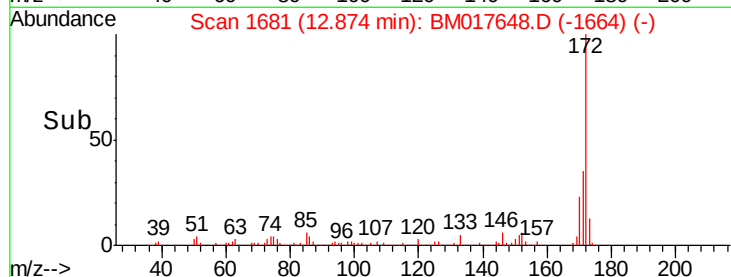
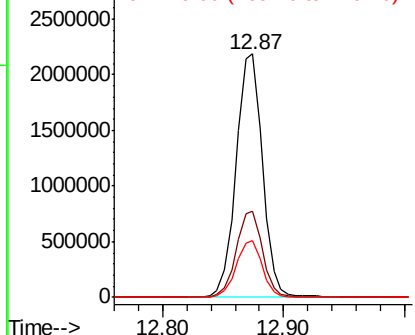
#45
2-Fluorobiphenyl
Concen: 76.924 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampled :

Tot Ion:172 Resp: 3343754
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.0 18.3 27.5

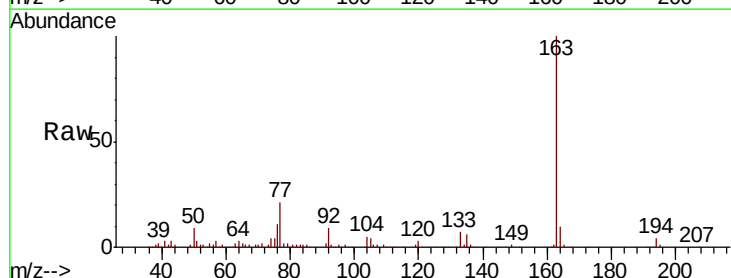


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

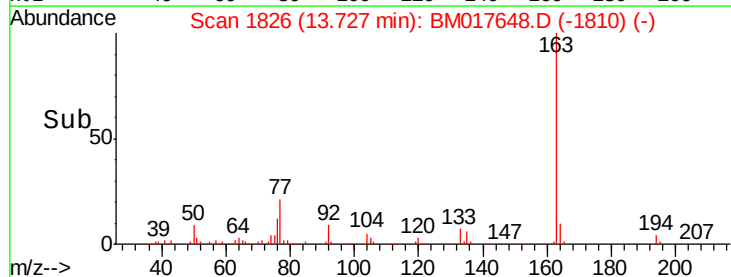
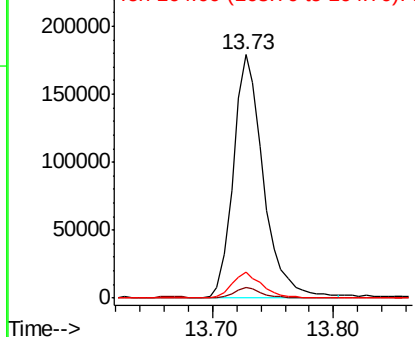


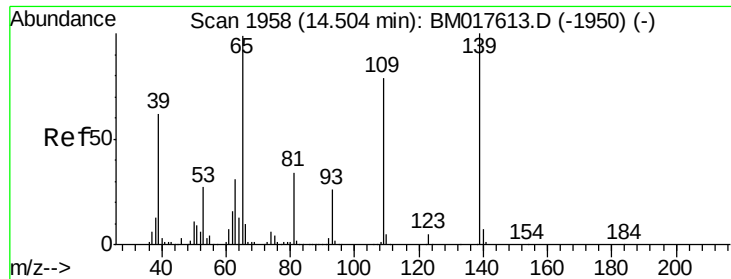
#50
Dimethylphthalate
Concen: 6.742 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:163 Resp: 309134
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 10.5 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

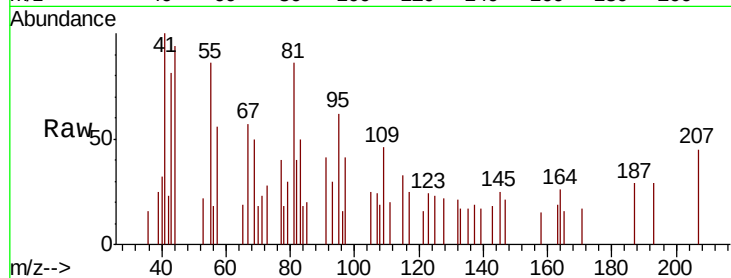




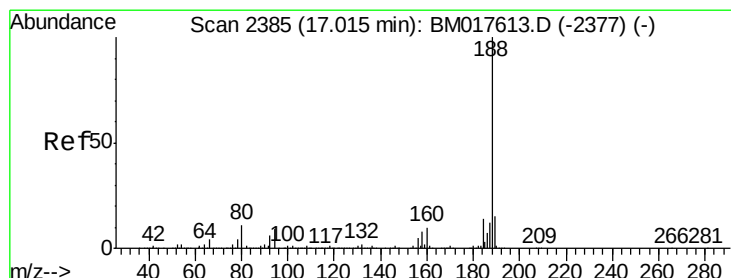
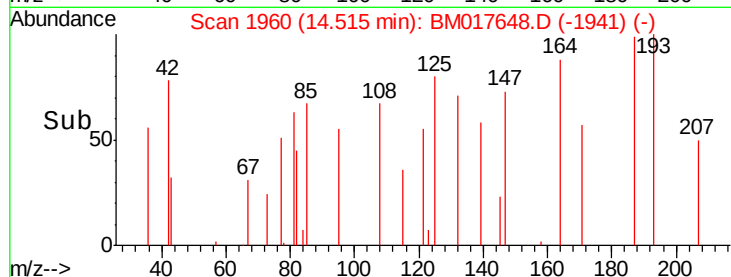
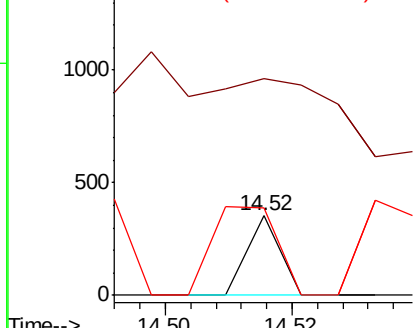
#56
4-Nitrophenol
Concen: 4.968 ng
RT: 14.52 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Instrument :
BNA_M
ClientSampleId :

Tot Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 273.3 58.6 98.6#
65 110.2 79.5 119.5

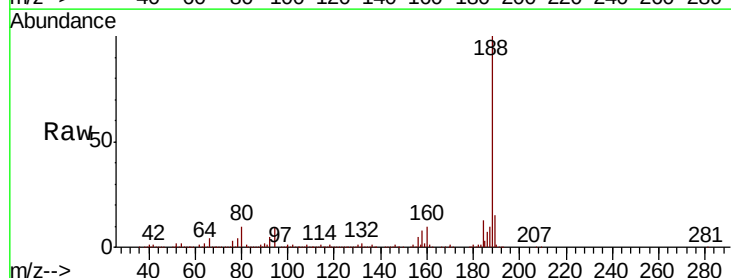


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

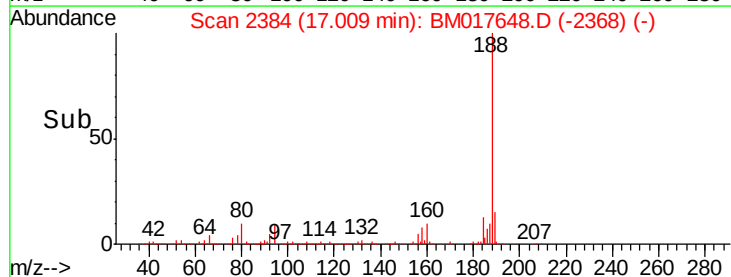
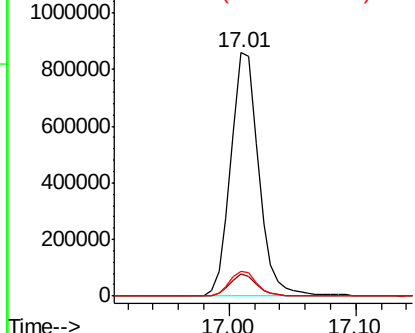


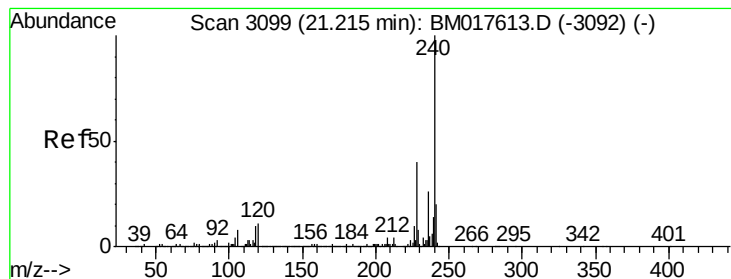
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017648.D
Acq: 14 Nov 2018 15:37

Tgt Ion:188 Resp: 1317111
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 10.0 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: BM017648.D

Acq: 14 Nov 2018 15:37

Instrument :

BNA_M

ClientSampleId :

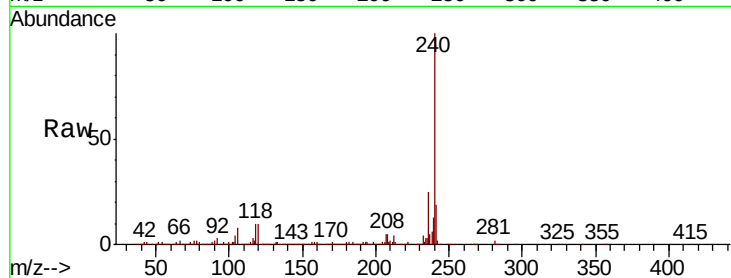
Tot Ion:240 Resp: 1317581

Ion Ratio Lower Upper

240 100

120 9.9 8.5 12.7

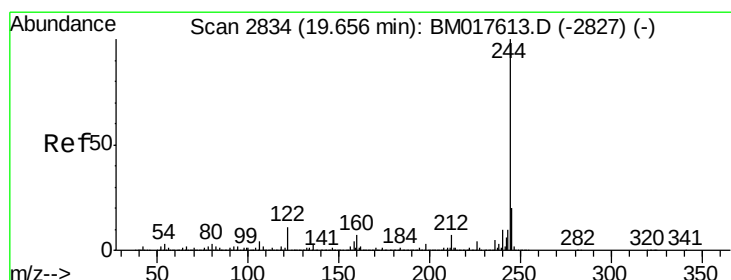
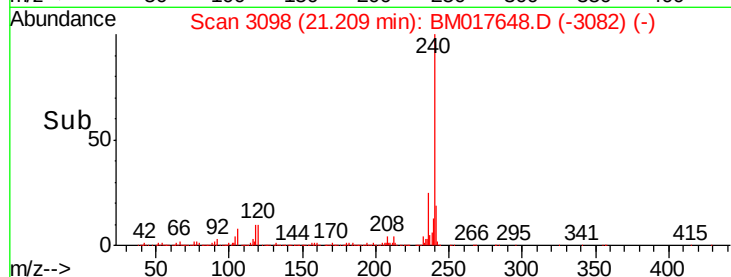
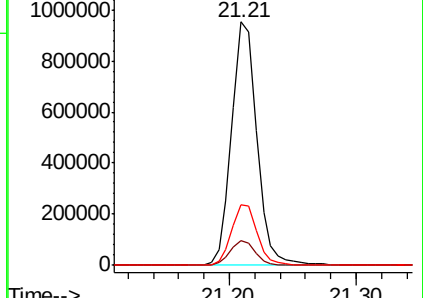
236 24.6 20.4 30.6



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: 91.970 ng

RT: 19.66 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BM017648.D

Acq: 14 Nov 2018 15:37

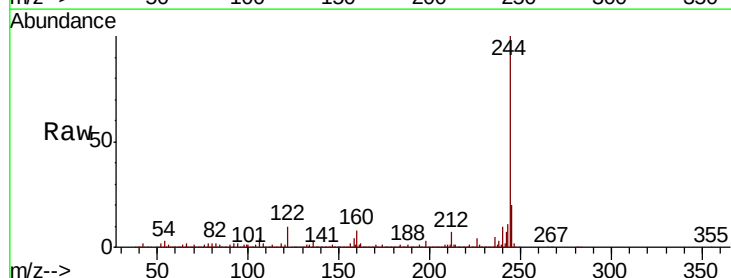
Tgt Ion:244 Resp: 5346652

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

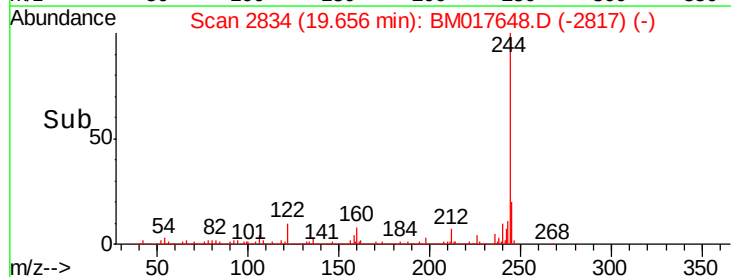
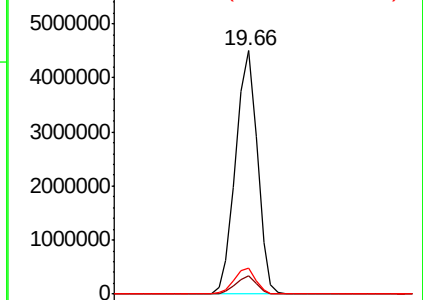
122 10.5 9.0 13.6

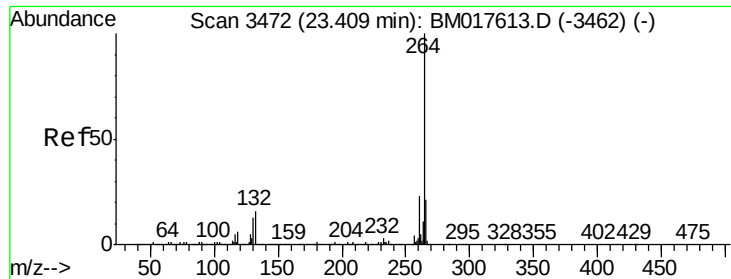


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

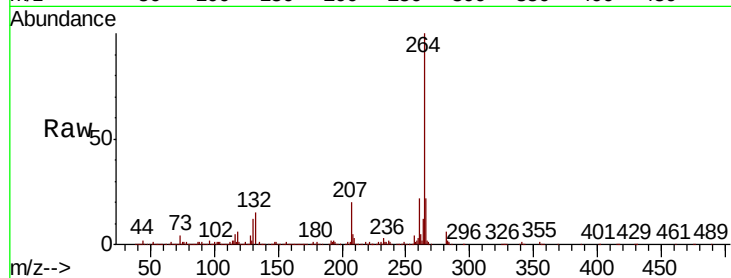




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3471
 Delta R.T. -0.01 min
 Lab File: BM017648.D
 Acq: 14 Nov 2018 15:37

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1109442
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 22.3 17.5 26.3



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

