

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
 Data File : BM017646.D
 Acq On : 14 Nov 2018 14:24
 Operator : MJ/SJ
 Sample : J5911-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 14 15:49:38 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

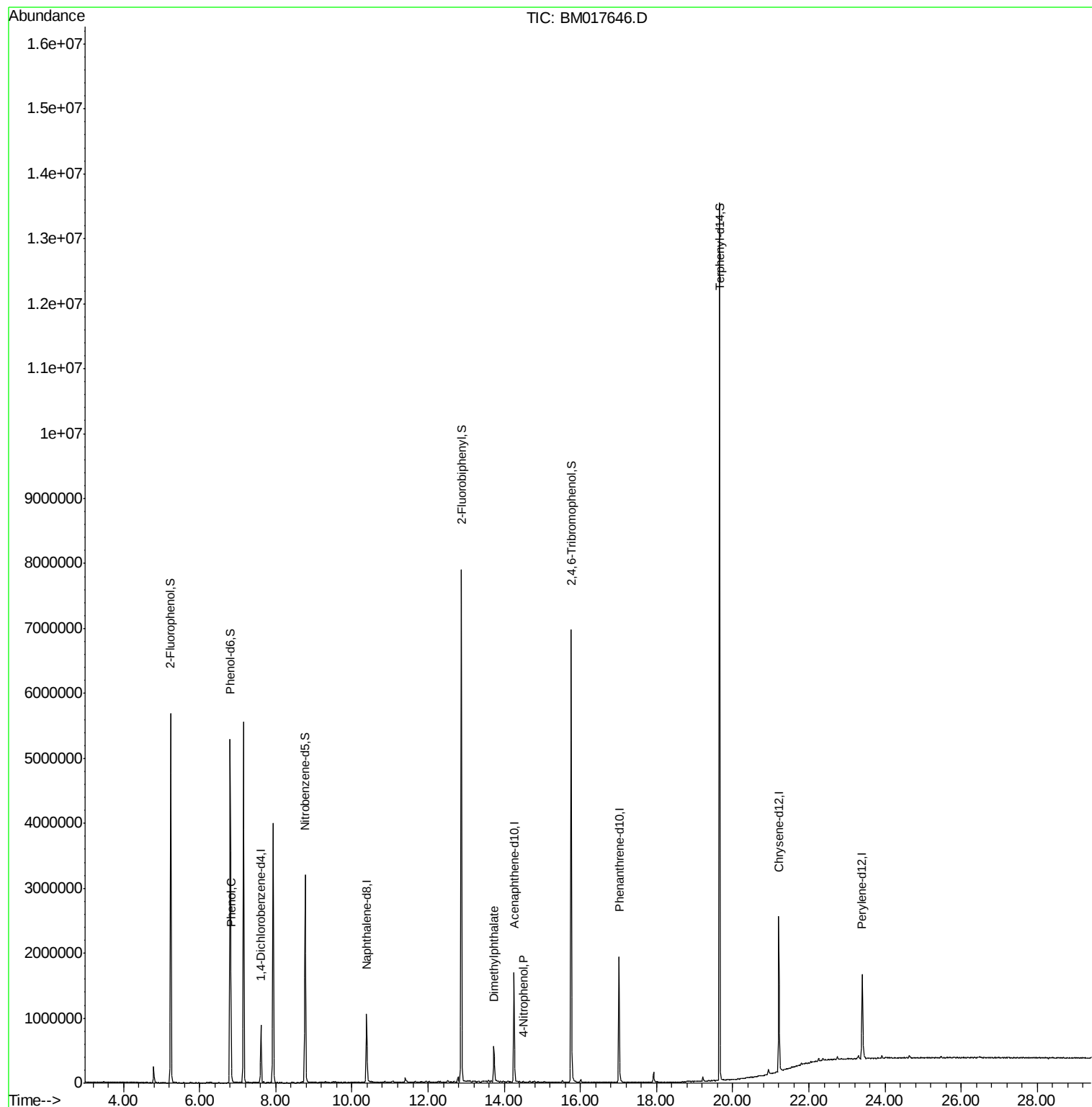
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	223316	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	888731	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	529666	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1201321	20.00	ng	0.00
76) Chrysene-d12	21.21	240	1163166	20.00	ng	0.00
87) Perylene-d12	23.40	264	968249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2133208	161.21	ng	0.00
7) Phenol-d6	6.81	99	2896549	156.73	ng	0.00
23) Nitrobenzene-d5	8.77	82	1794903	104.26	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1186841	155.95	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3895232	95.41	ng	0.00
79) Terphenyl-d14	19.66	244	5779075	112.60	ng	0.00
Target Compounds						
10) Phenol	6.83	94	135992	7.011	ng	90
50) Dimethylphthalate	13.73	163	368232	8.551	ng	98
56) 4-Nitrophenol	14.50	139	282	4.986	ng	# 44

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

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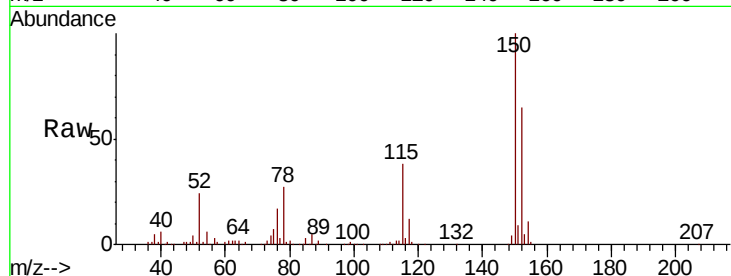


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.4	189.6
115	59.5	49.4	74.0

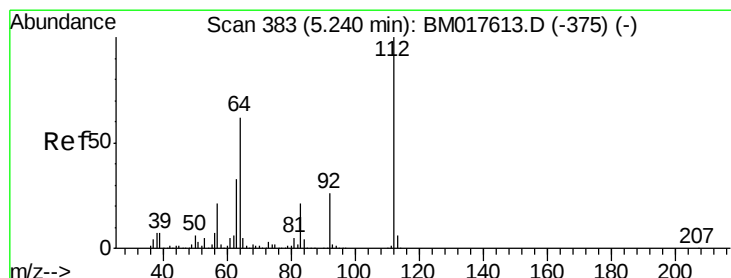
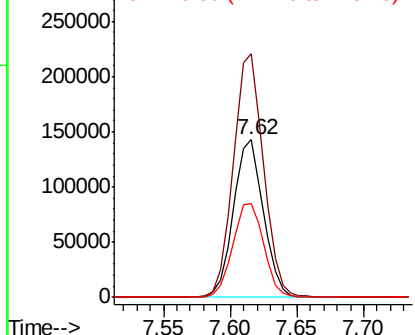
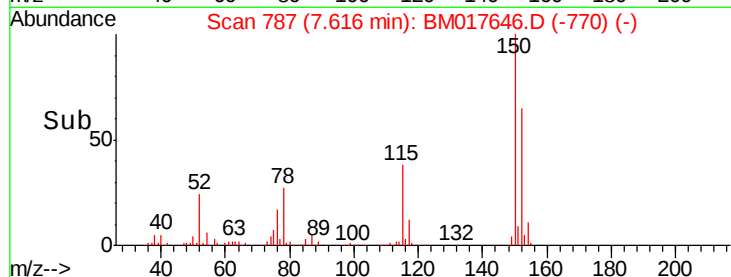


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

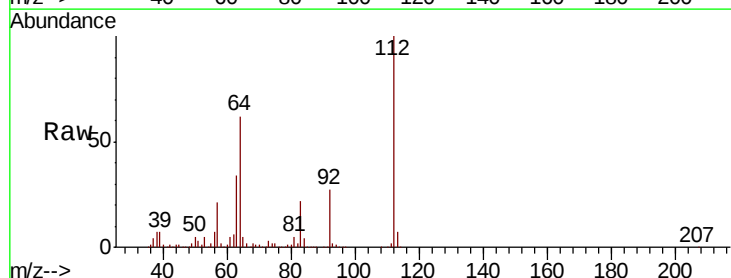
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.211 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.3	73.9
63	34.2	26.2	39.4

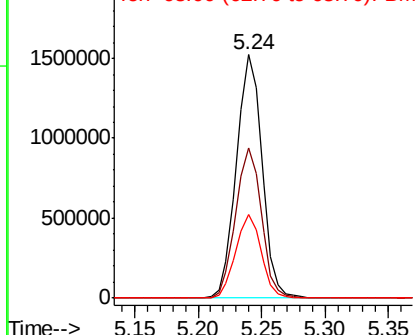
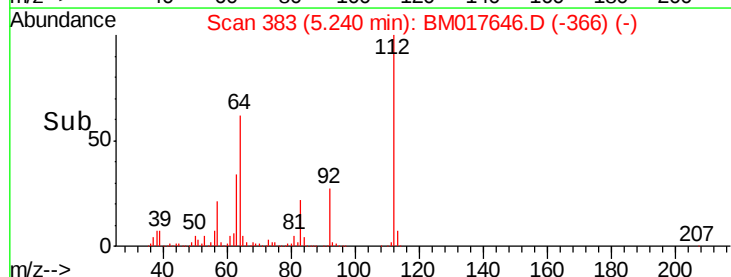


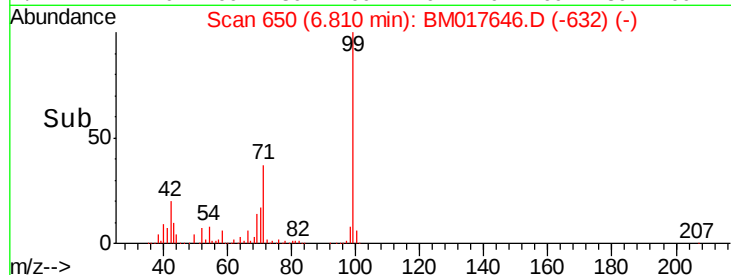
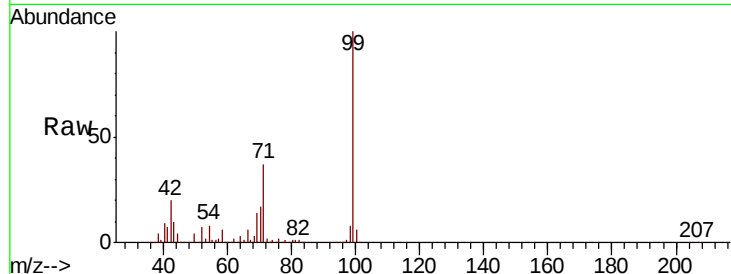
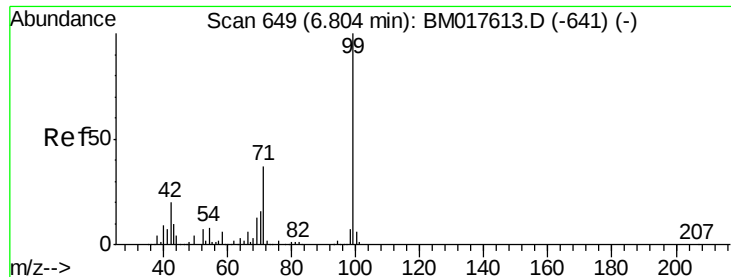
Abundance

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: 156.732 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

Instrument :

BNA_M

ClientSampleId :

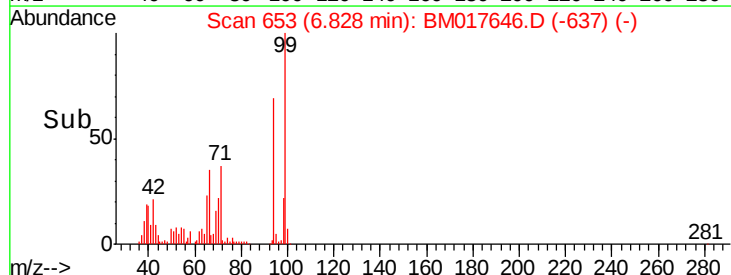
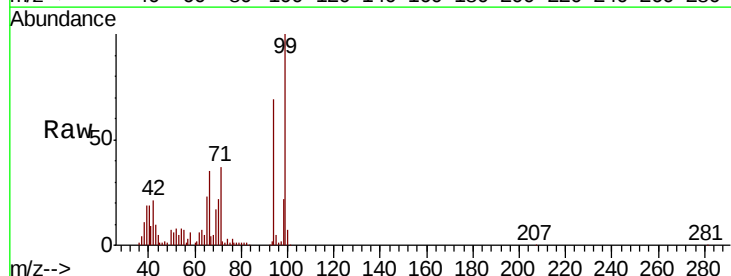
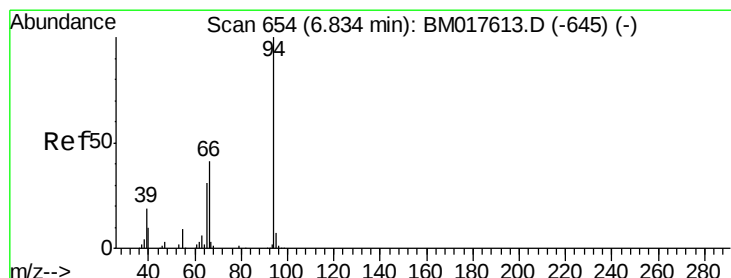
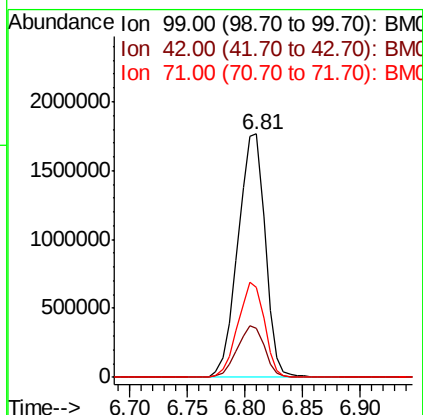
Tot Ion: 99 Resp: 2896549

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

71 36.8 29.8 44.8



#10

Phenol

Concen: 7.011 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

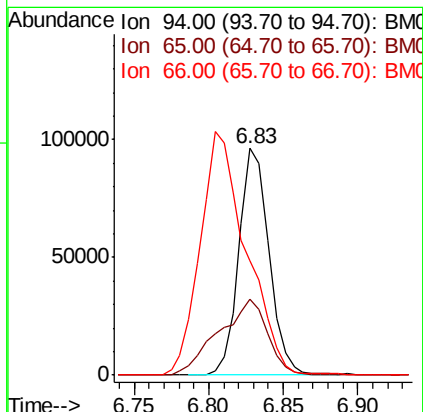
Tgt Ion: 94 Resp: 135992

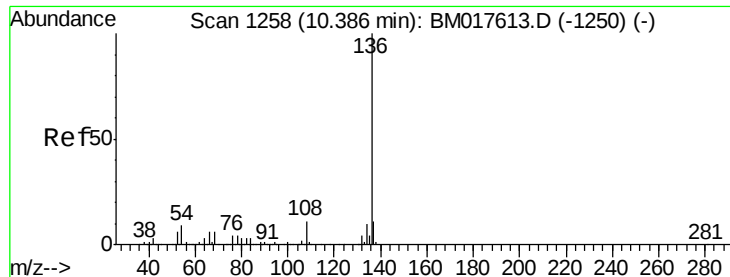
Ion Ratio Lower Upper

94 100

65 33.5 11.4 51.4

66 50.7 21.4 61.4

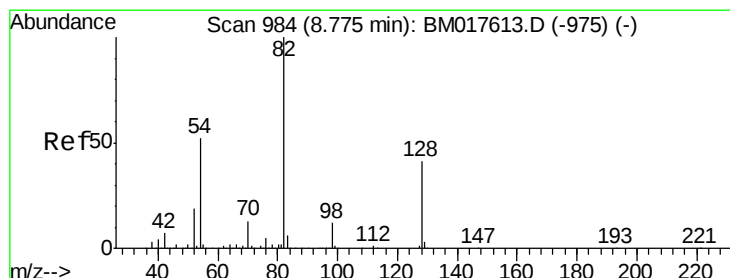
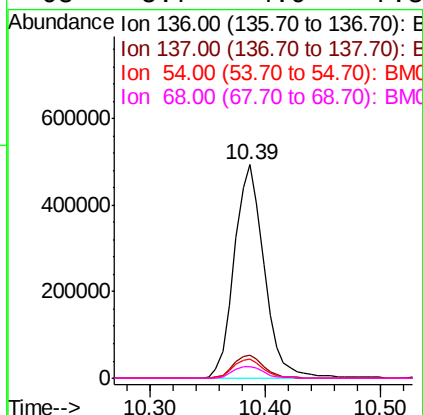
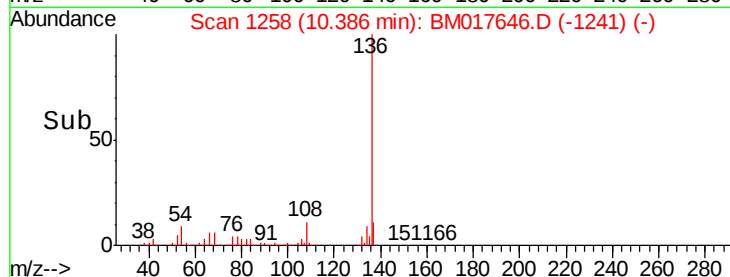
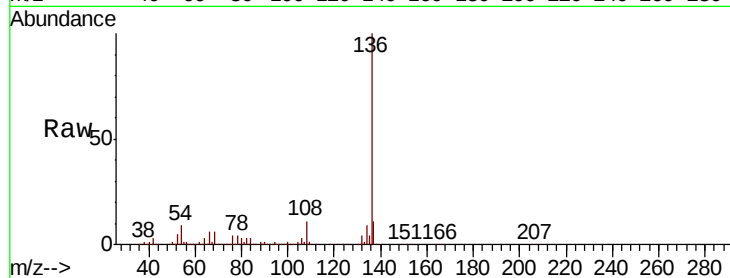




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

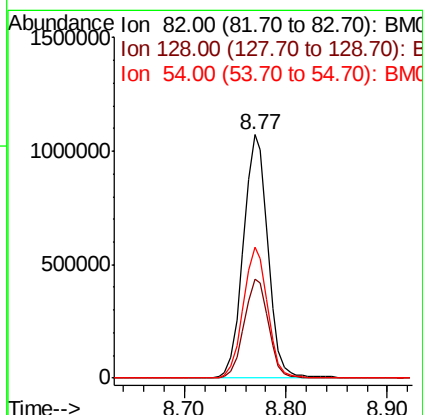
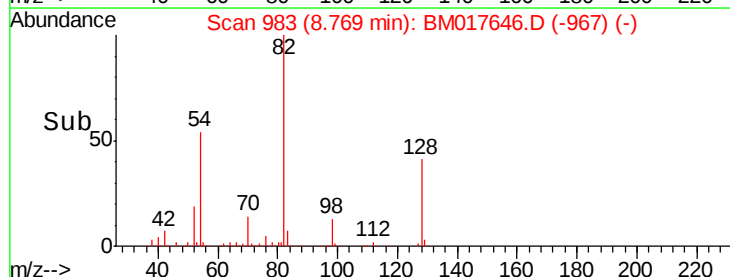
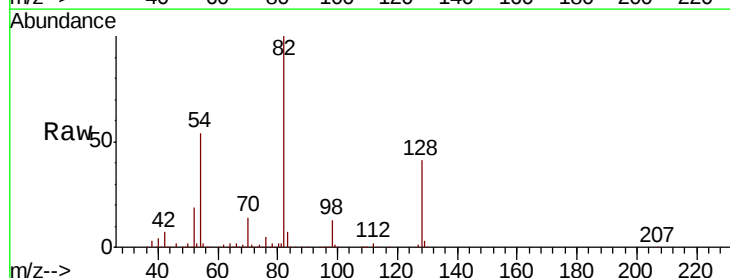
Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	888731
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.6 12.8
54	9.1	7.0 10.6
68	5.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 104.264 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

Tgt Ion: 82	Resp:	1794903
Ion	Ratio	Lower Upper
82	100	
128	40.8	33.0 49.4
54	53.7	41.4 62.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

Instrument :

BNA_M

ClientSampleId :

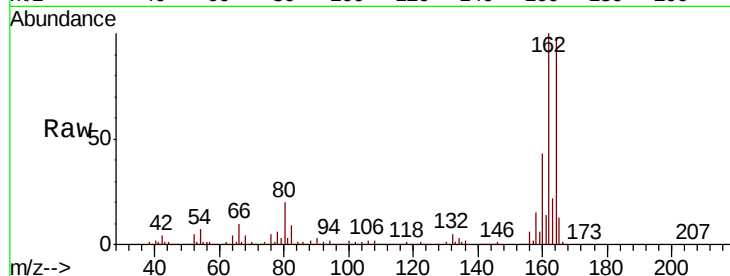
Tot Ion:164 Resp: 529666

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

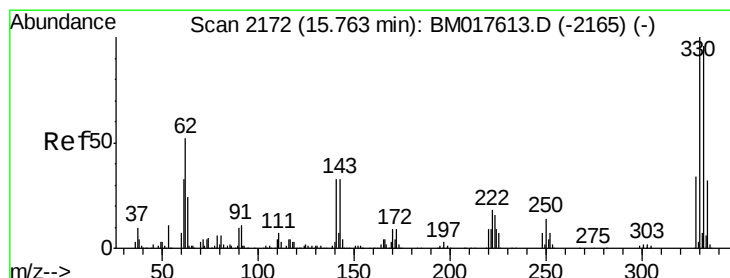
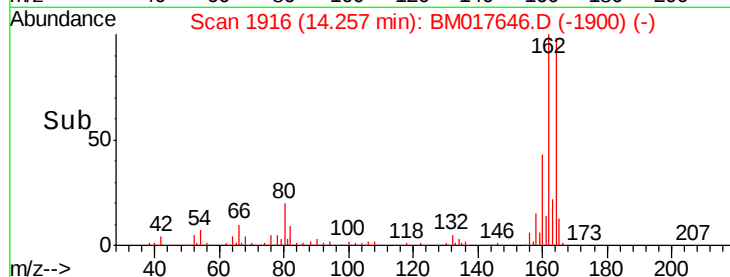
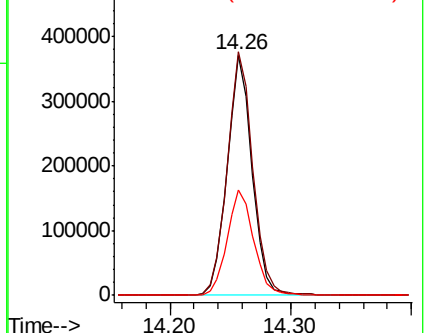
160 43.8 35.6 53.4



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: 155.947 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

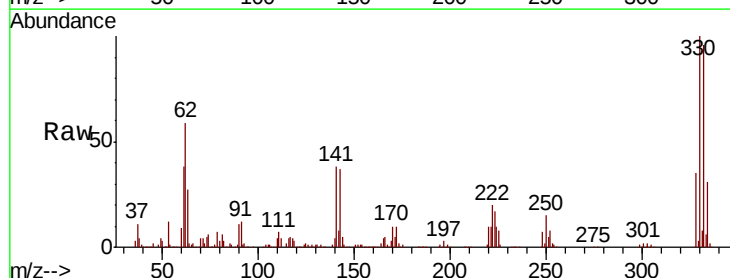
Tgt Ion:330 Resp: 1186841

Ion Ratio Lower Upper

330 100

332 97.1 77.9 116.9

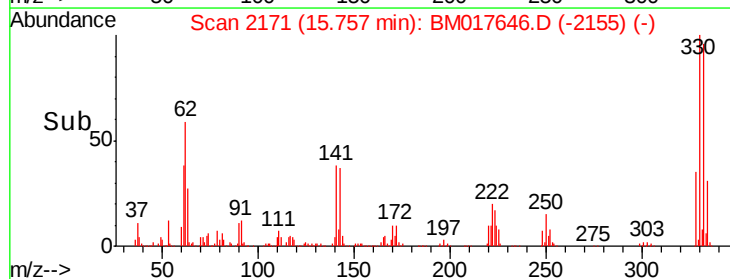
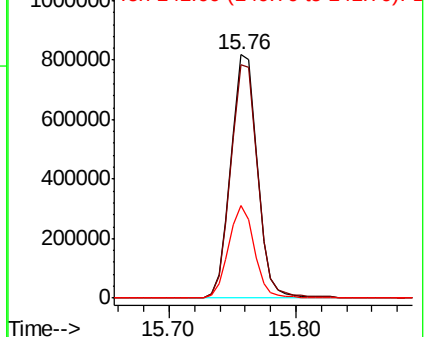
141 37.0 27.5 41.3

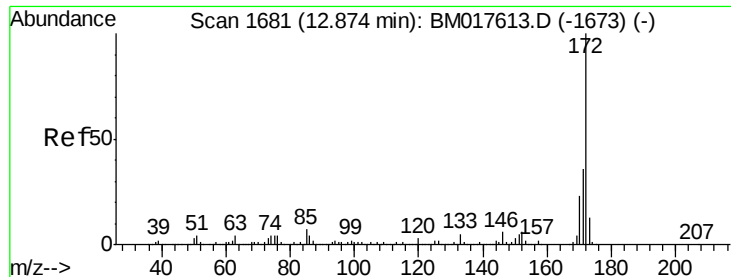


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

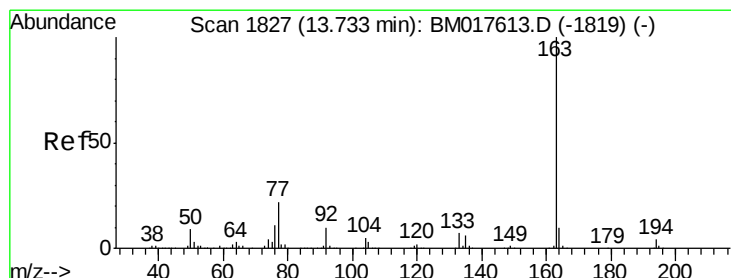
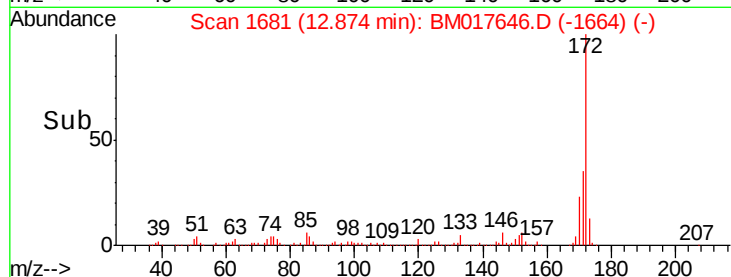
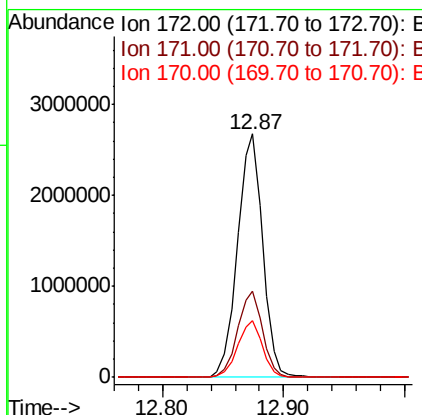
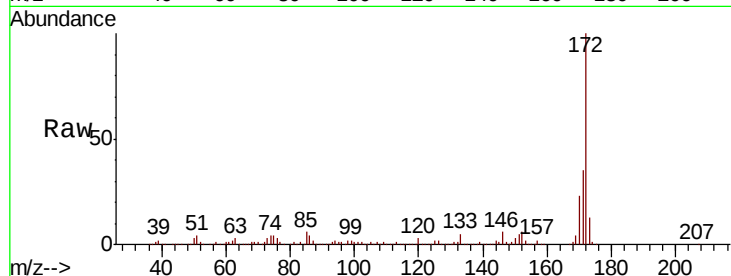




#45
2-Fluorobiphenyl
Concen: 95.408 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

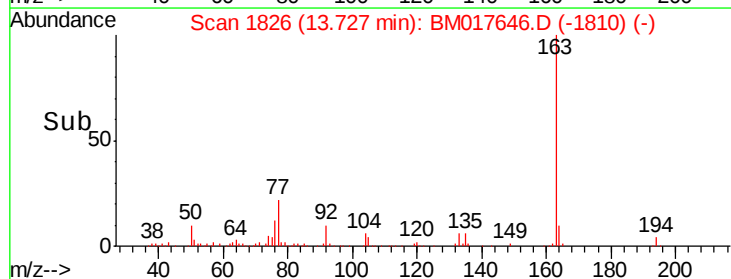
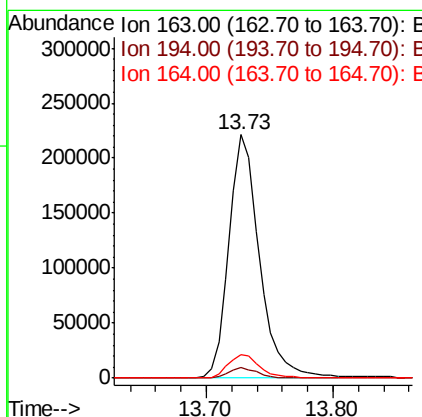
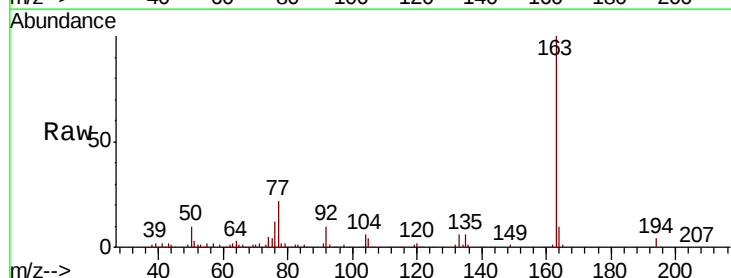
Instrument :
BNA_M
ClientSampleId :

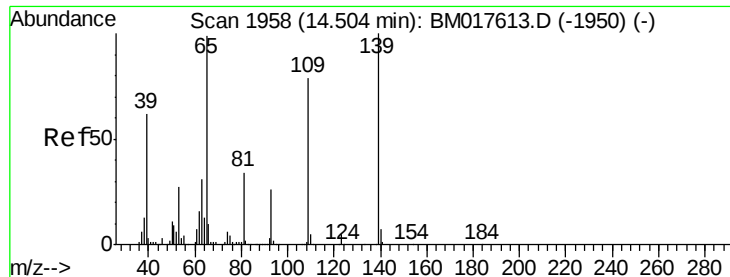
Tot Ion:172 Resp: 3895232
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.1 18.3 27.5



#50
Dimethylphthalate
Concen: 8.551 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM017646.D
Acq: 14 Nov 2018 14:24

Tgt Ion:163 Resp: 368232
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 9.8 8.2 12.4





#56

4-Nitrophenol

Concen: 4.986 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

Instrument :

BNA_M

ClientSampleId :

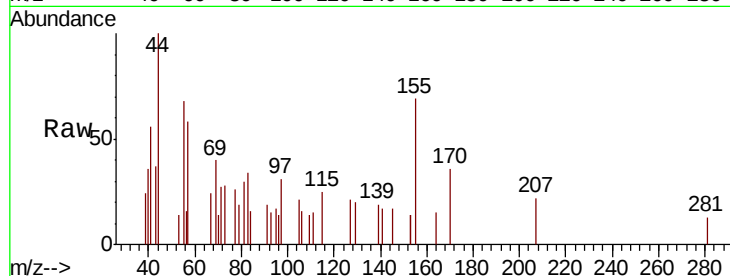
Tot Ion:139 Resp: 282

Ion Ratio Lower Upper

139 100

109 77.4 58.6 98.6

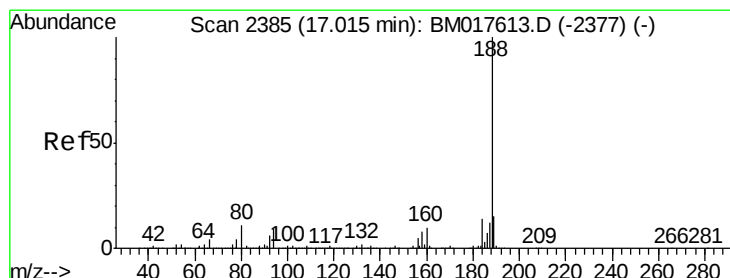
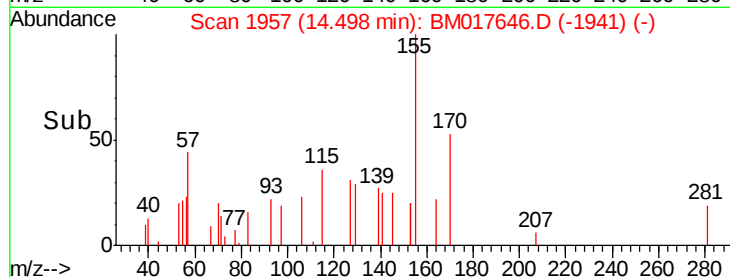
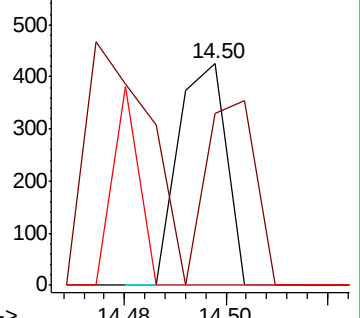
65 0.0 79.5 119.5#



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: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM017646.D

Acq: 14 Nov 2018 14:24

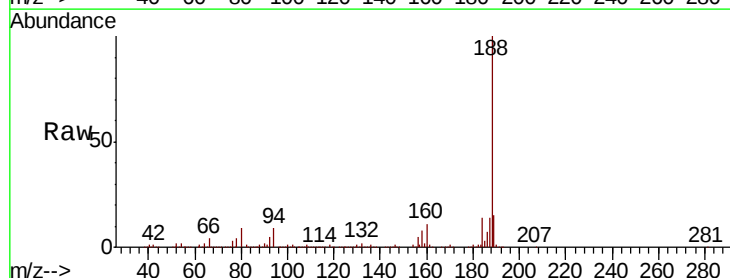
Tgt Ion:188 Resp: 1201321

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

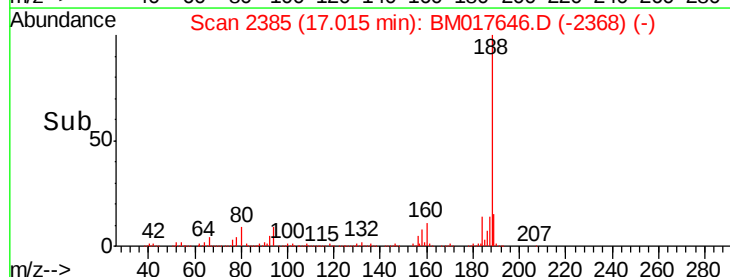
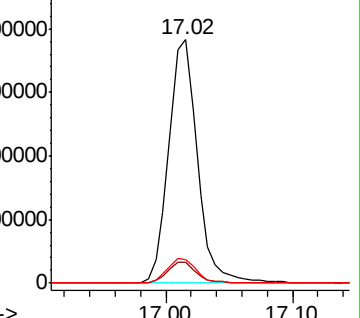
80 9.5 8.6 13.0

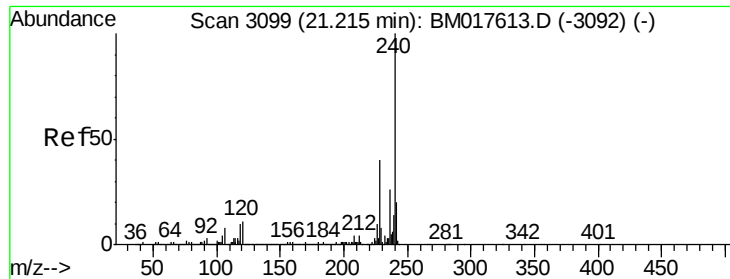


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

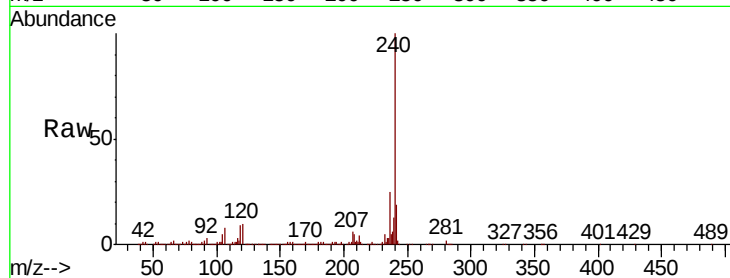




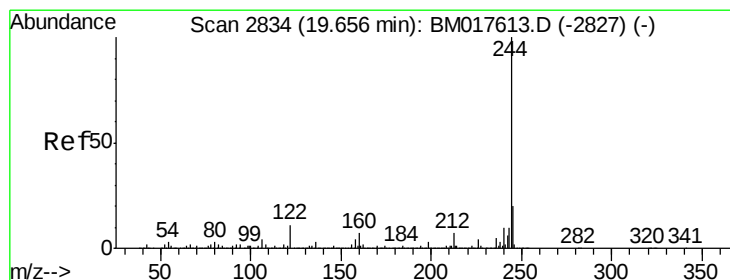
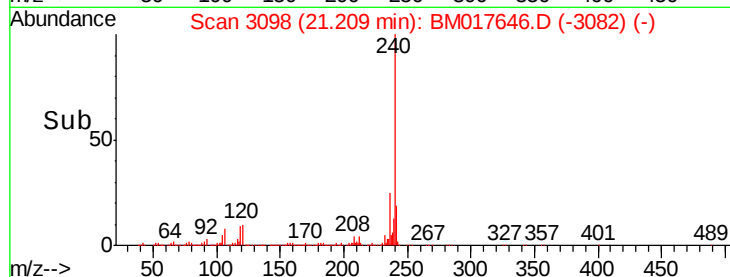
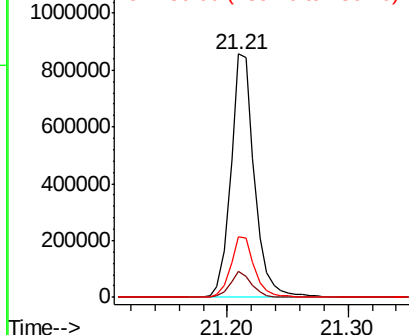
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.21 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM017646.D
 Acq: 14 Nov 2018 14:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:240 Resp: 1163166
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.5 12.7
 236 24.9 20.4 30.6

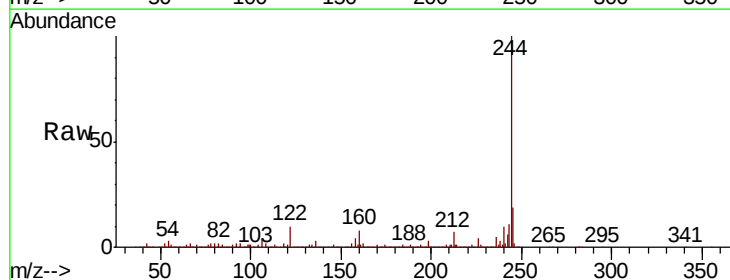


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

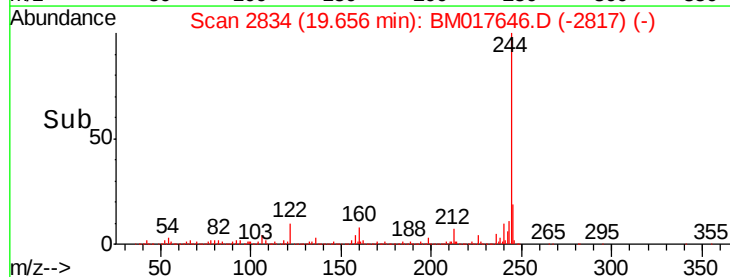
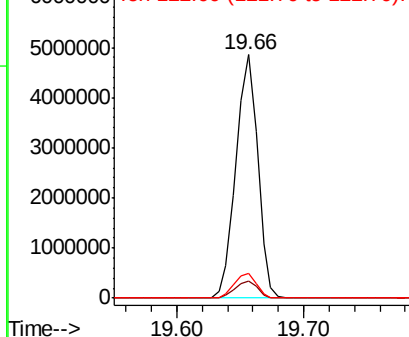


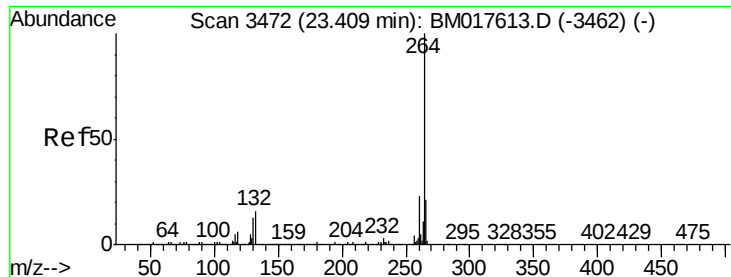
#79
 Terphenyl-d14
 Concen: 112.605 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017646.D
 Acq: 14 Nov 2018 14:24

Tgt Ion:244 Resp: 5779075
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.4 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: BM017646.D
Acq: 14 Nov 2018 14:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.8	17.5	26.3

