

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018540.D
 Acq On : 11 Jan 2019 18:33
 Operator : JU/SJ
 Sample : K1113-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 23:41:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

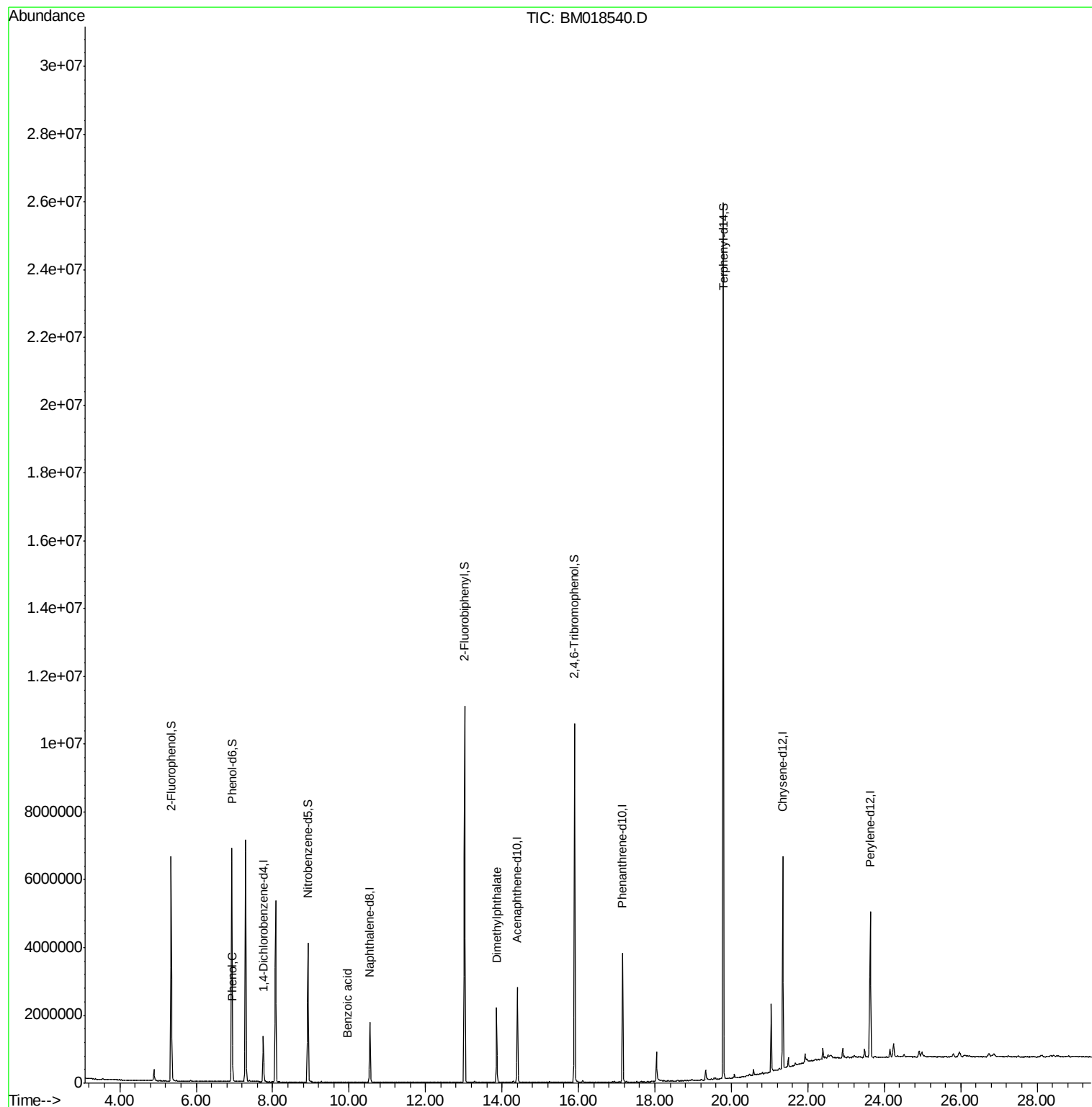
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	367361	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1507698	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	909101	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	2246941	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2775783	20.00	ng	0.00
87) Perylene-d12	23.63	264	3159132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2851355	143.32	ng	0.00
7) Phenol-d6	6.93	99	3797947	150.30	ng	0.00
23) Nitrobenzene-d5	8.92	82	2266592	87.15	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1831039	158.18	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	5783671	83.01	ng	0.00
79) Terphenyl-d14	19.79	244	10172269	77.25	ng	0.00
Target Compounds						
10) Phenol	6.96	94	74997	2.921	ng	87
32) Benzoic acid	9.95	122	109	6.510	ng	# 1
50) Dimethylphthalate	13.86	163	1458450	19.534	ng	99

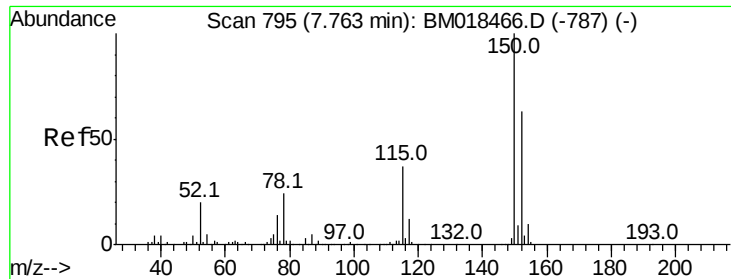
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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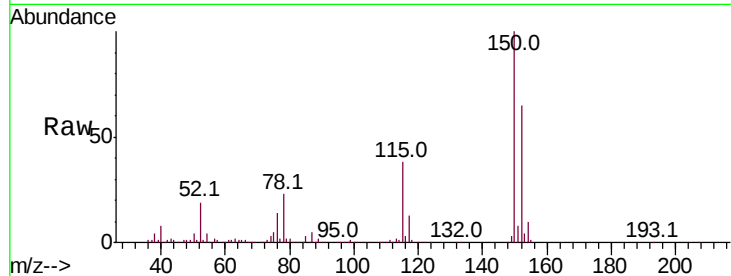


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.9	190.3
115	57.6	45.5	68.3

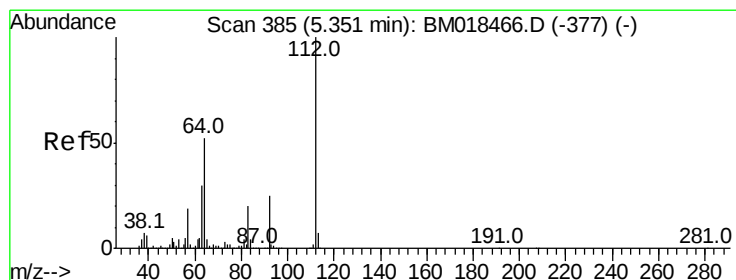
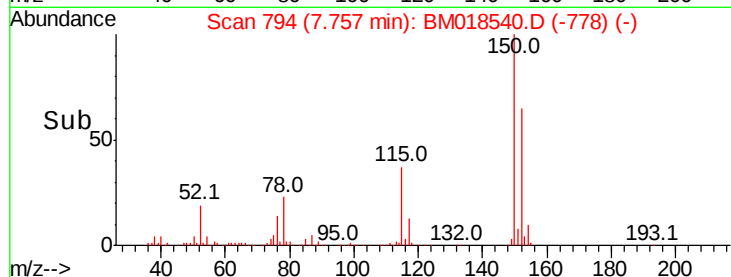
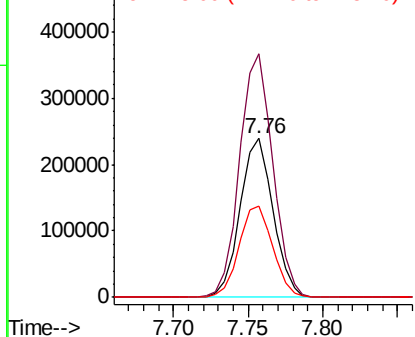


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

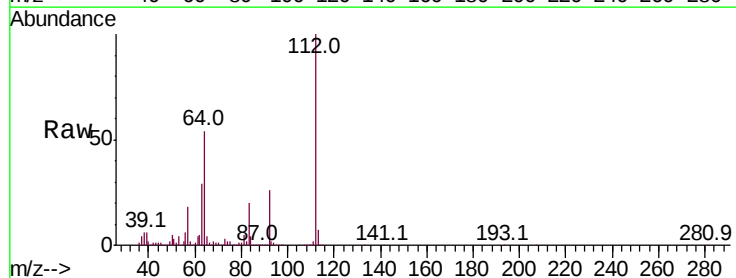
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 143.320 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.5	69.7
63	29.4	25.2	37.8

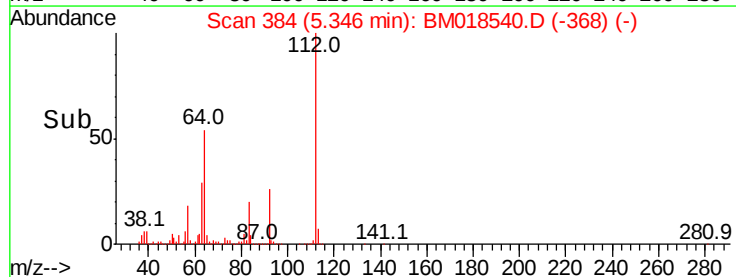
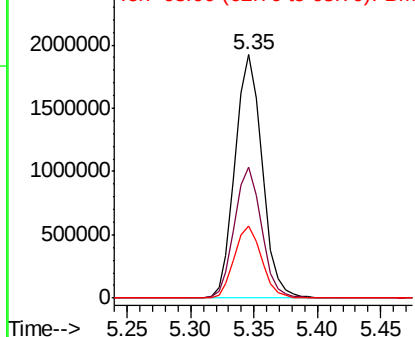


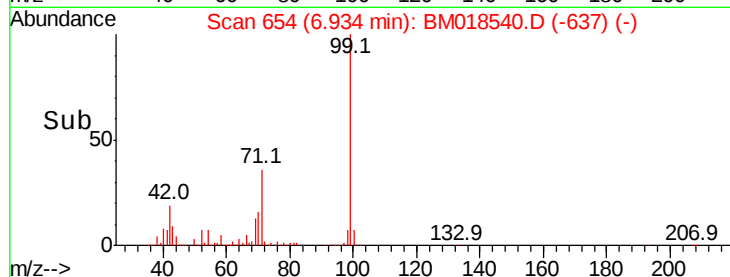
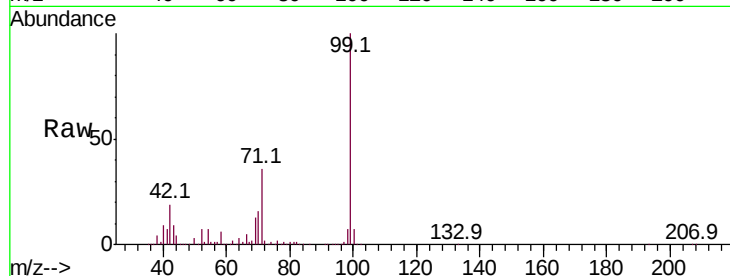
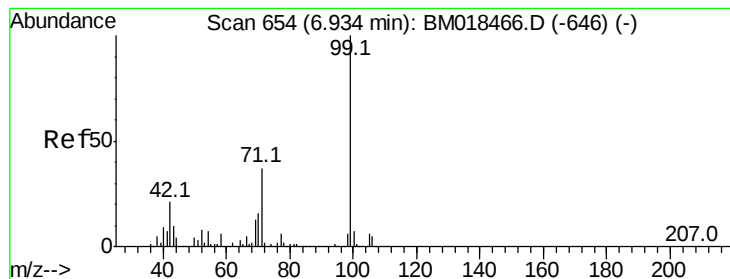
Abundance

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: 150.300 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018540.D

Acq: 11 Jan 2019 18:33

Instrument :

BNA_M

ClientSampleId :

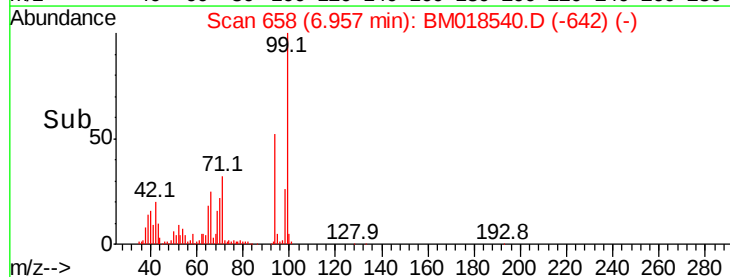
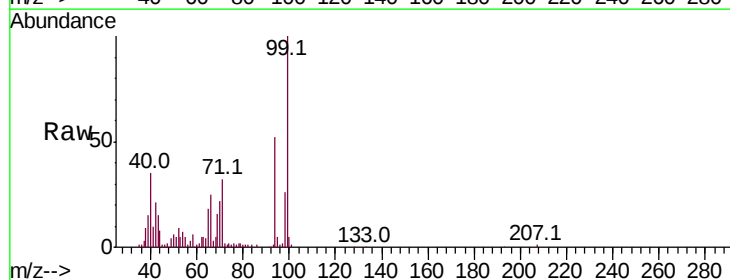
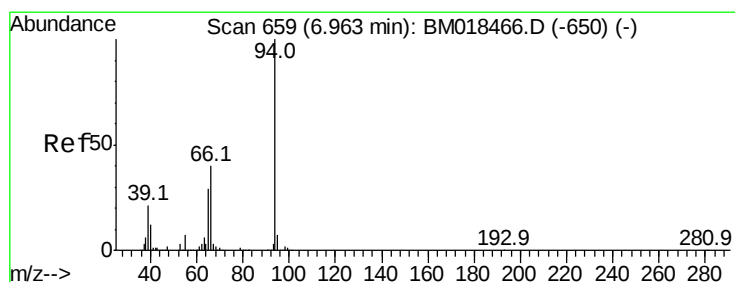
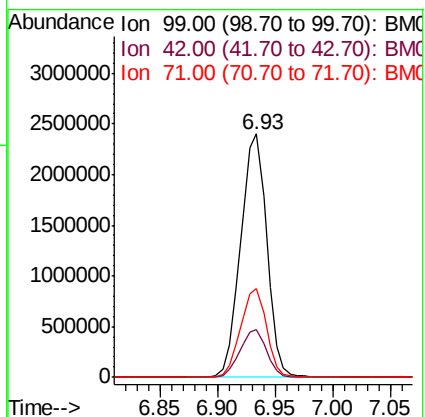
Tot Ion: 99 Resp: 3797947

Ion Ratio Lower Upper

99 100

42 19.4 17.3 25.9

71 36.3 28.0 42.0



#10

Phenol

Concen: 2.921 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018540.D

Acq: 11 Jan 2019 18:33

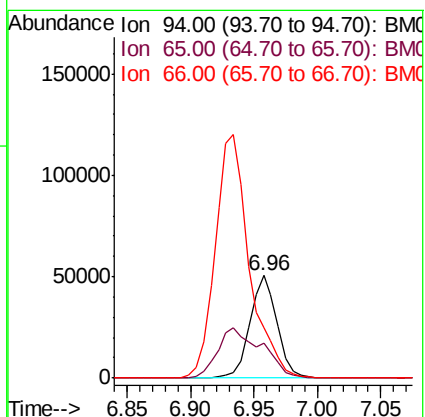
Tgt Ion: 94 Resp: 74997

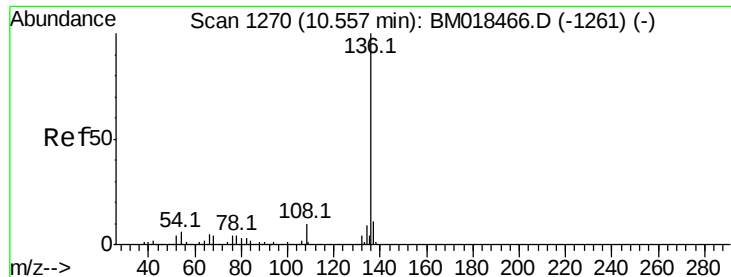
Ion Ratio Lower Upper

94 100

65 34.3 9.4 49.4

66 49.1 19.1 59.1

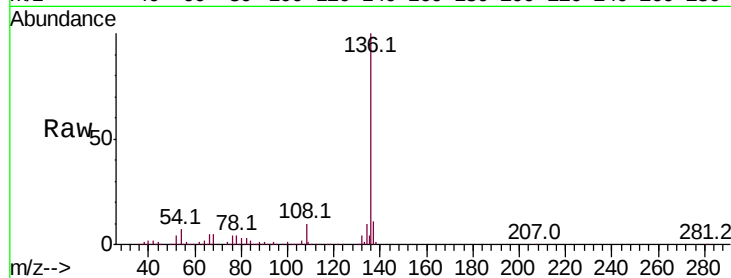




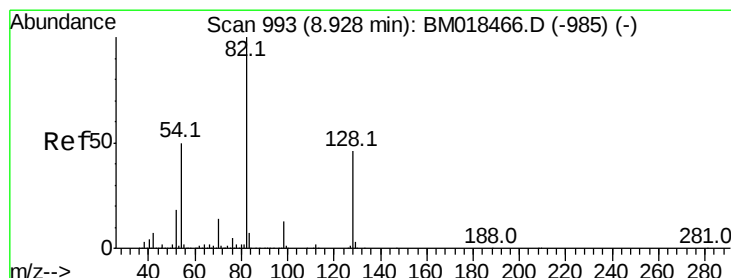
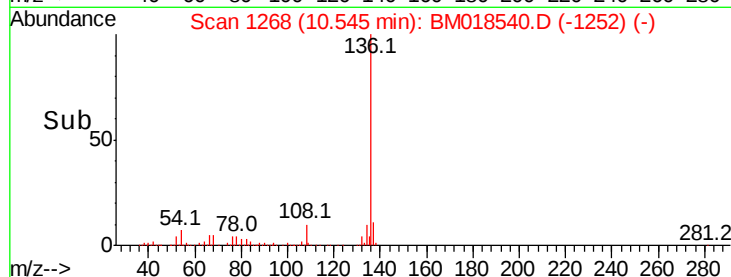
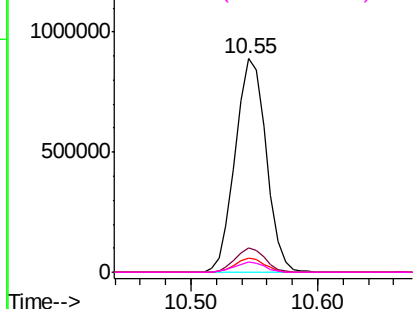
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1507698
Ion Ratio	Lower Upper
136 100	
137 11.3	8.5 12.7
54 6.7	6.0 9.0
68 4.6	4.5 6.7

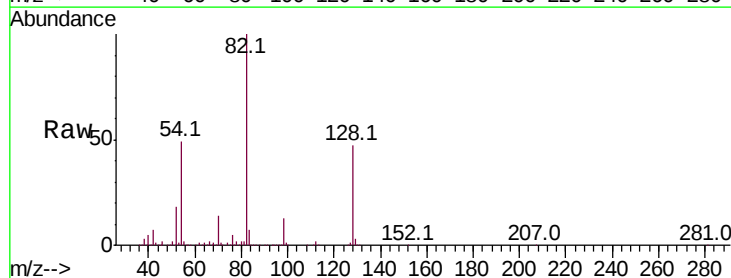


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

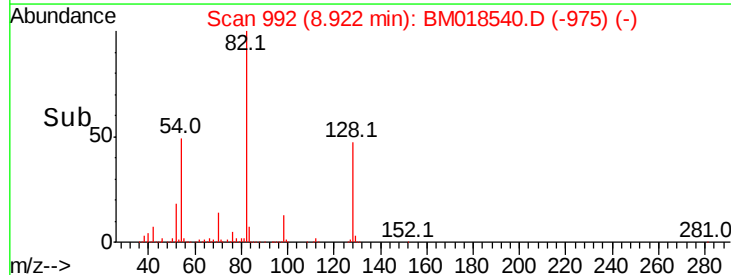
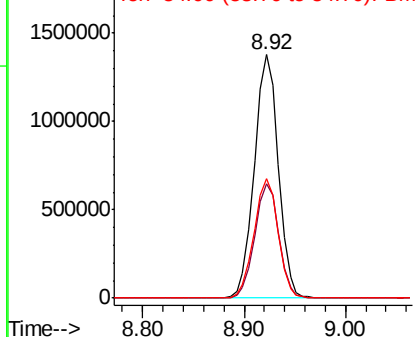


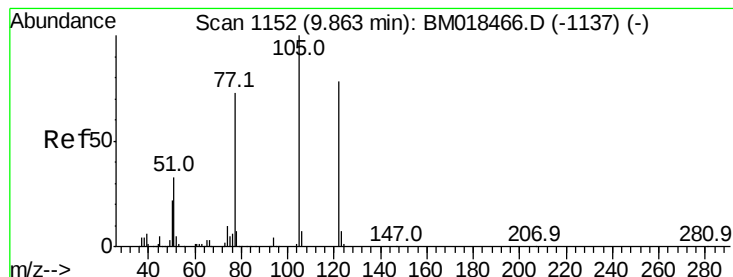
#23
Nitrobenzene-d5
Concen: 87.150 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Tgt Ion: 82	Ratio	Resp: 2266592	
82	100	Lower	Upper
128	47.0	36.3	54.5
54	49.3	41.7	62.5



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





#32

Benzoic acid

Concen: 6.510 ng

RT: 9.95 min Scan# 1167

Delta R.T. 0.05 min

Lab File: BM018540.D

Acq: 11 Jan 2019 18:33

Instrument :

BNA_M

ClientSampled :

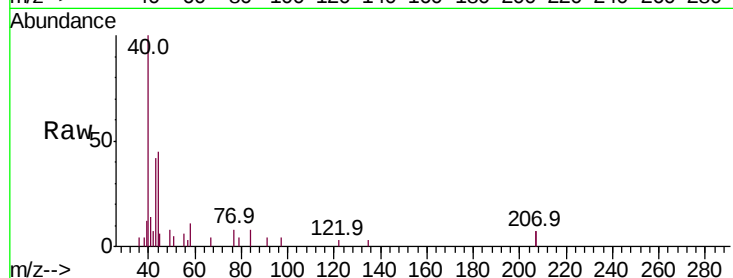
Tot Ion:122 Resp: 109

Ion Ratio Lower Upper

122 100

105 0.0 100.4 140.4#

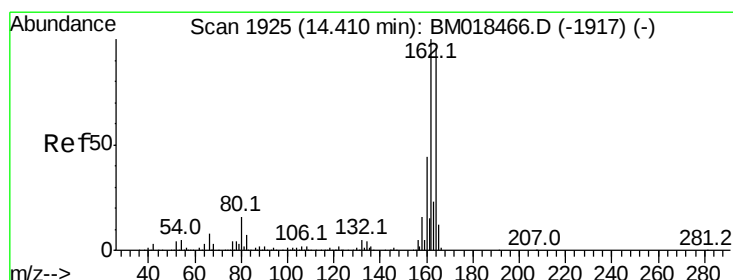
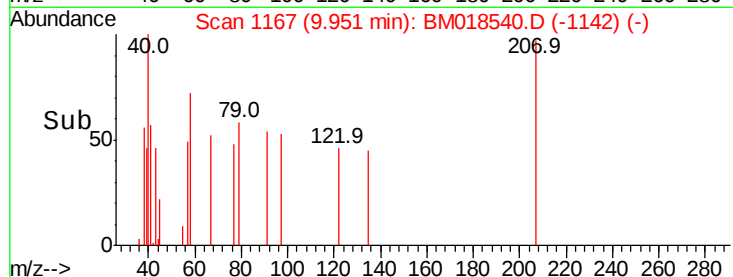
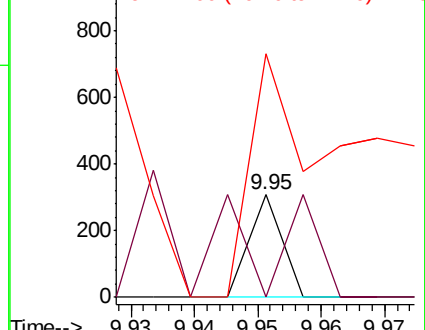
77 237.3 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM018540.D

Acq: 11 Jan 2019 18:33

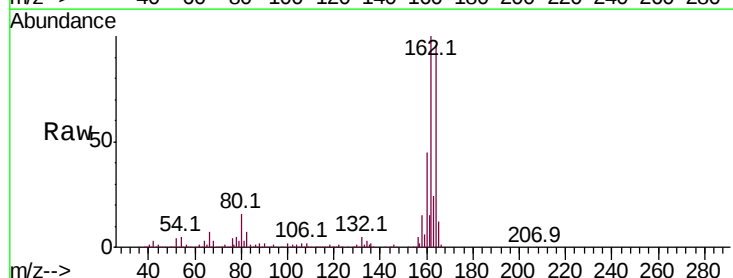
Tgt Ion:164 Resp: 909101

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.4

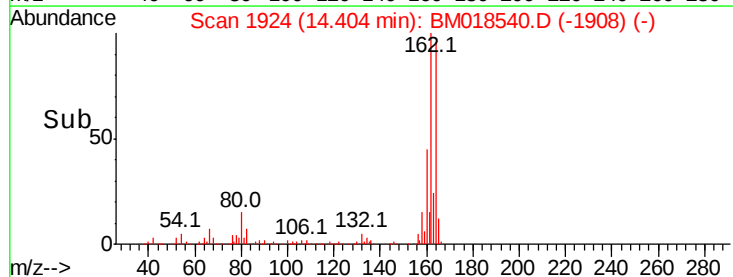
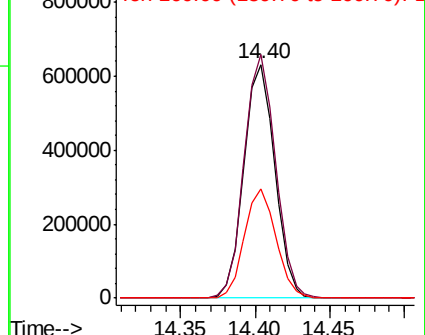
160 46.5 37.1 55.7

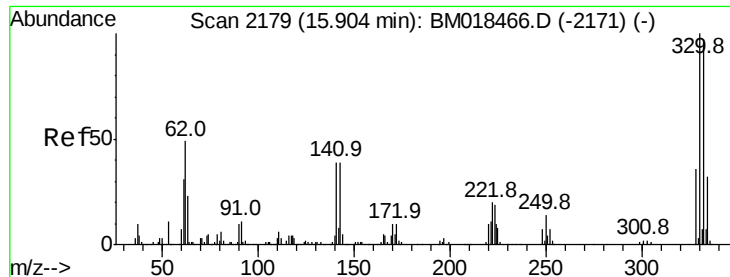


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

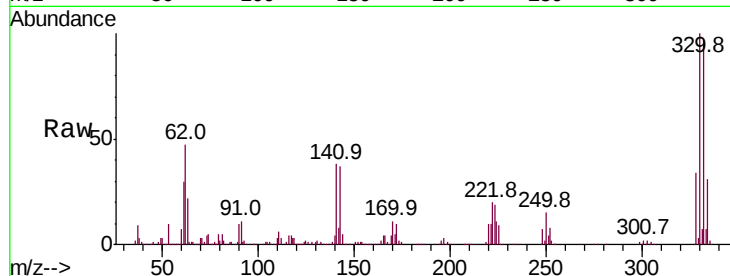




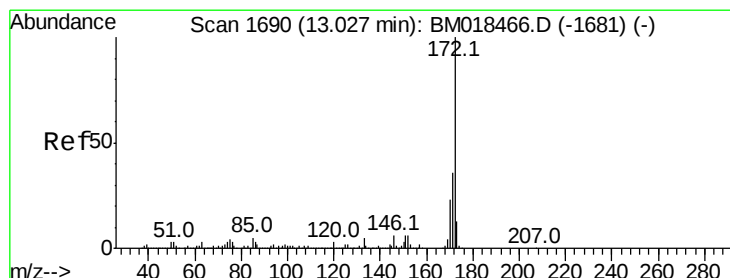
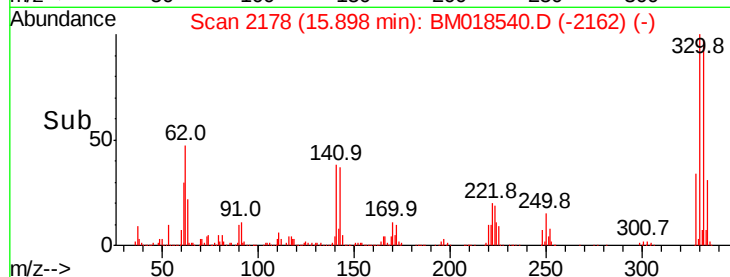
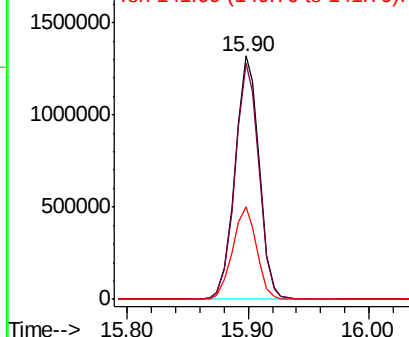
#42
 2,4,6-Tribromophenol
 Concen: 158.184 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018540.D
 Acq: 11 Jan 2019 18:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1831039
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 38.1 31.7 47.5

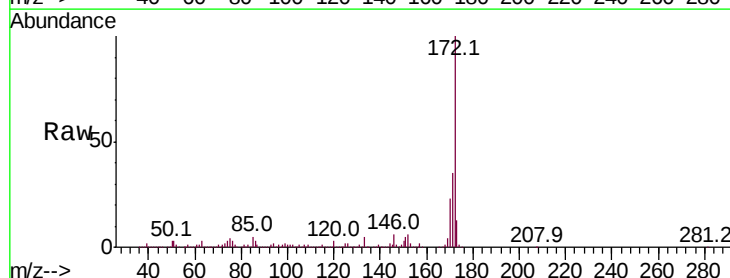


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

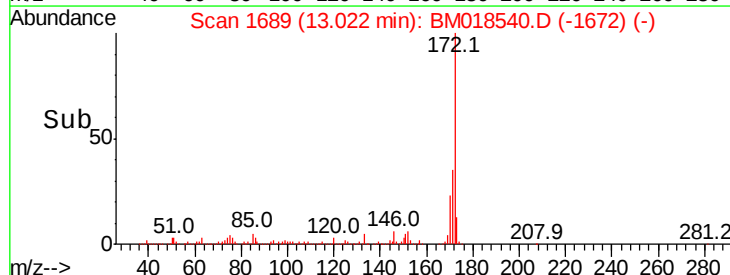
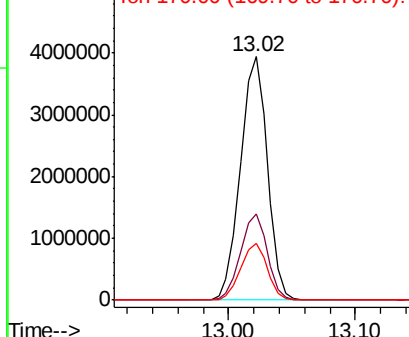


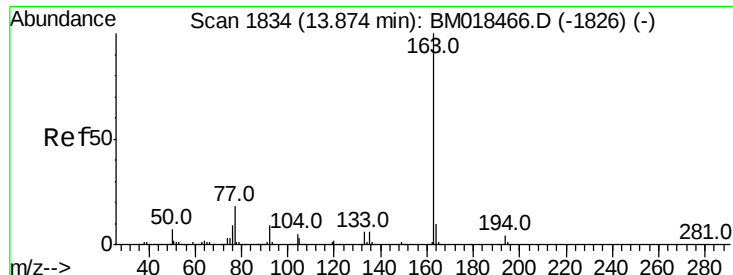
#45
 2-Fluorobiphenyl
 Concen: 83.015 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018540.D
 Acq: 11 Jan 2019 18:33

Tgt Ion:172 Resp: 5783671
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.4 18.9 28.3



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

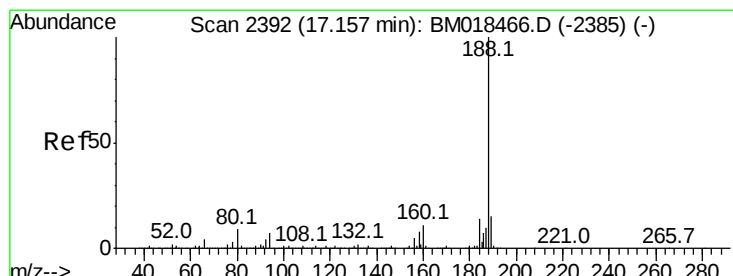
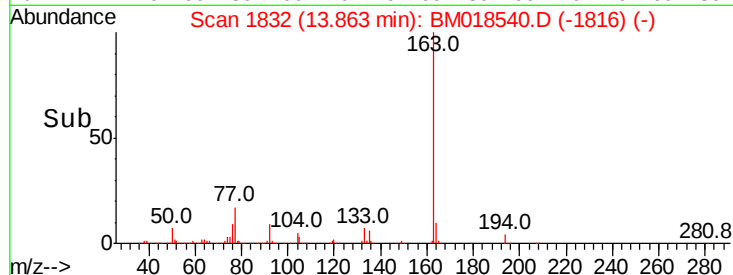
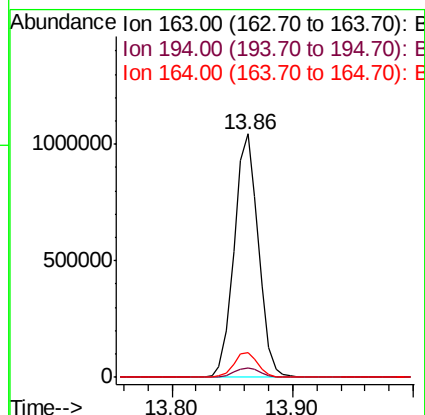
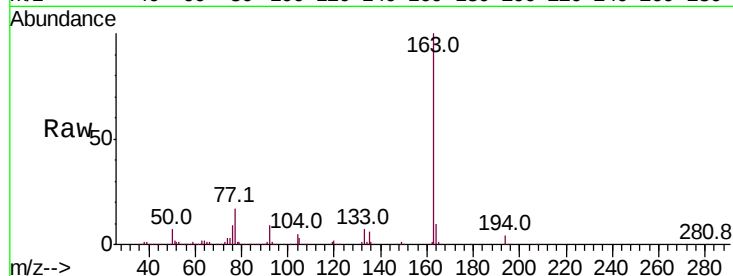




#50
Dimethylphthalate
Concen: 19.534 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

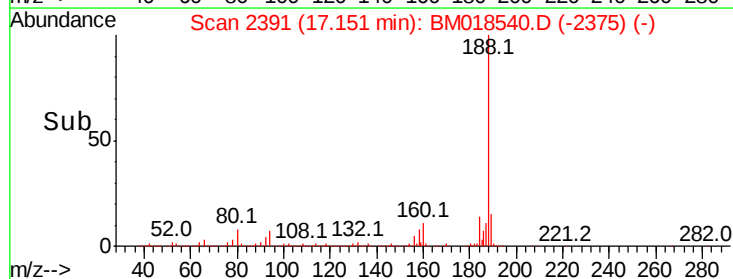
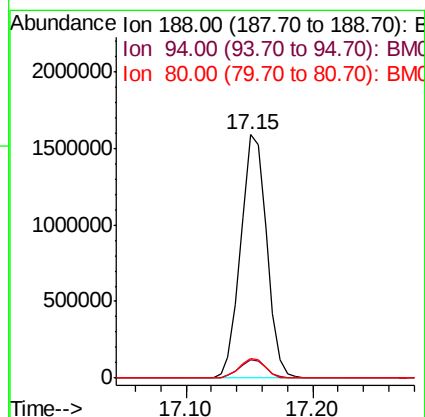
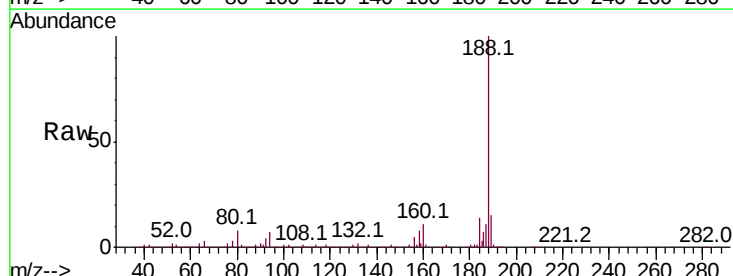
Instrument :
BNA_M
ClientSampleId :

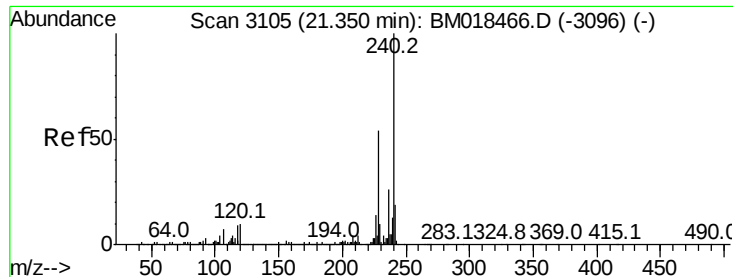
Tot Ion:163 Resp: 1458450
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Tgt Ion:188 Resp: 2246941
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 8.2 7.6 11.4

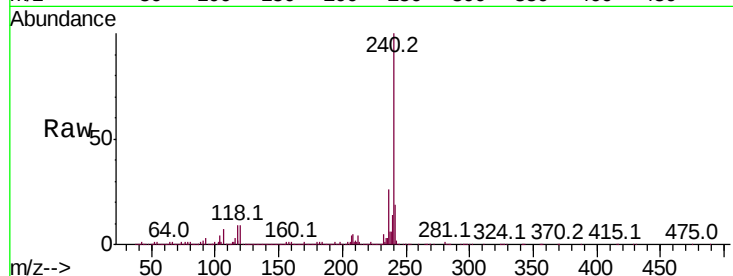




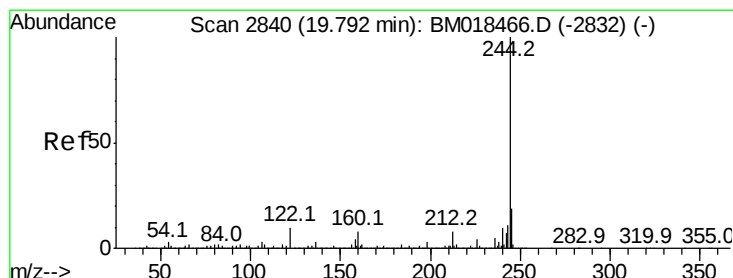
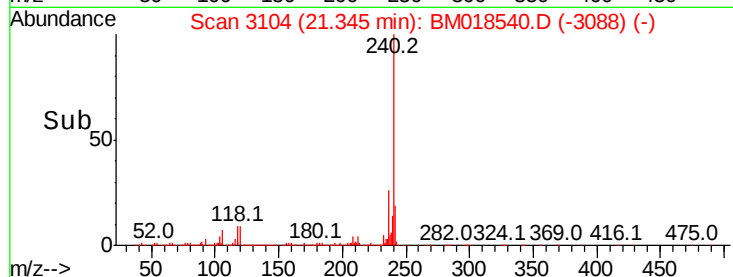
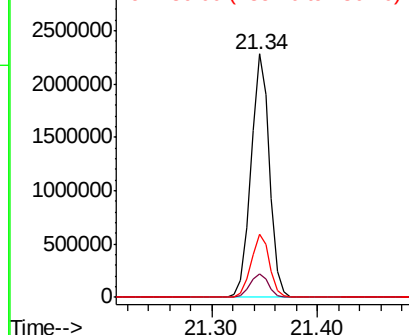
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 2775783
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 26.0 20.7 31.1

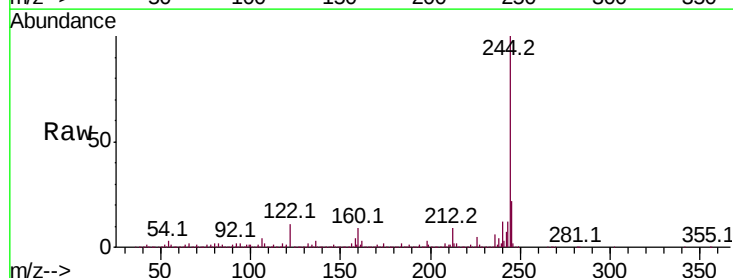


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

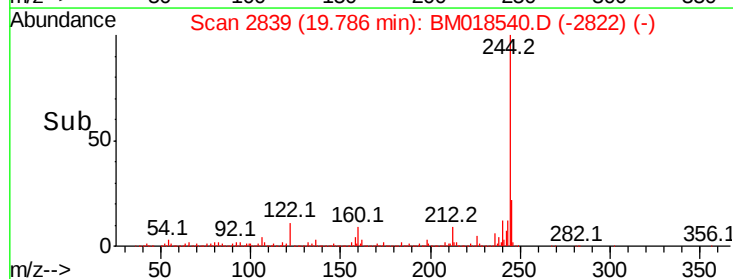
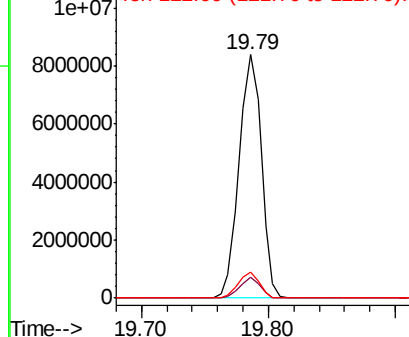


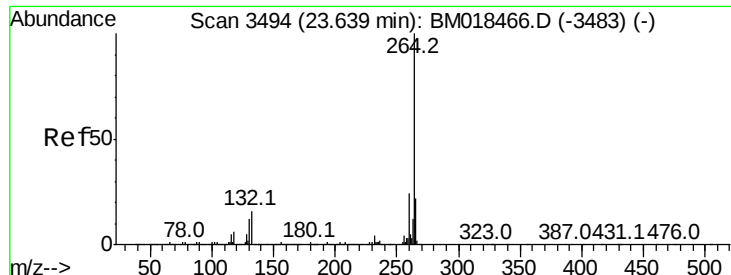
#79
Terphenyl-d14
Concen: 77.252 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Tgt Ion:244 Resp:10172269
Ion Ratio Lower Upper
244 100
212 8.7 5.9 8.9
122 10.9 9.0 13.4



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: 23.63 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BM018540.D
Acq: 11 Jan 2019 18:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 3159132

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.5	16.8	25.2

