

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018744.D
 Acq On : 07 Feb 2019 19:05
 Operator : JU/SJ
 Sample : K1390-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-03(12-13)

Quant Time: Feb 08 12:03:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

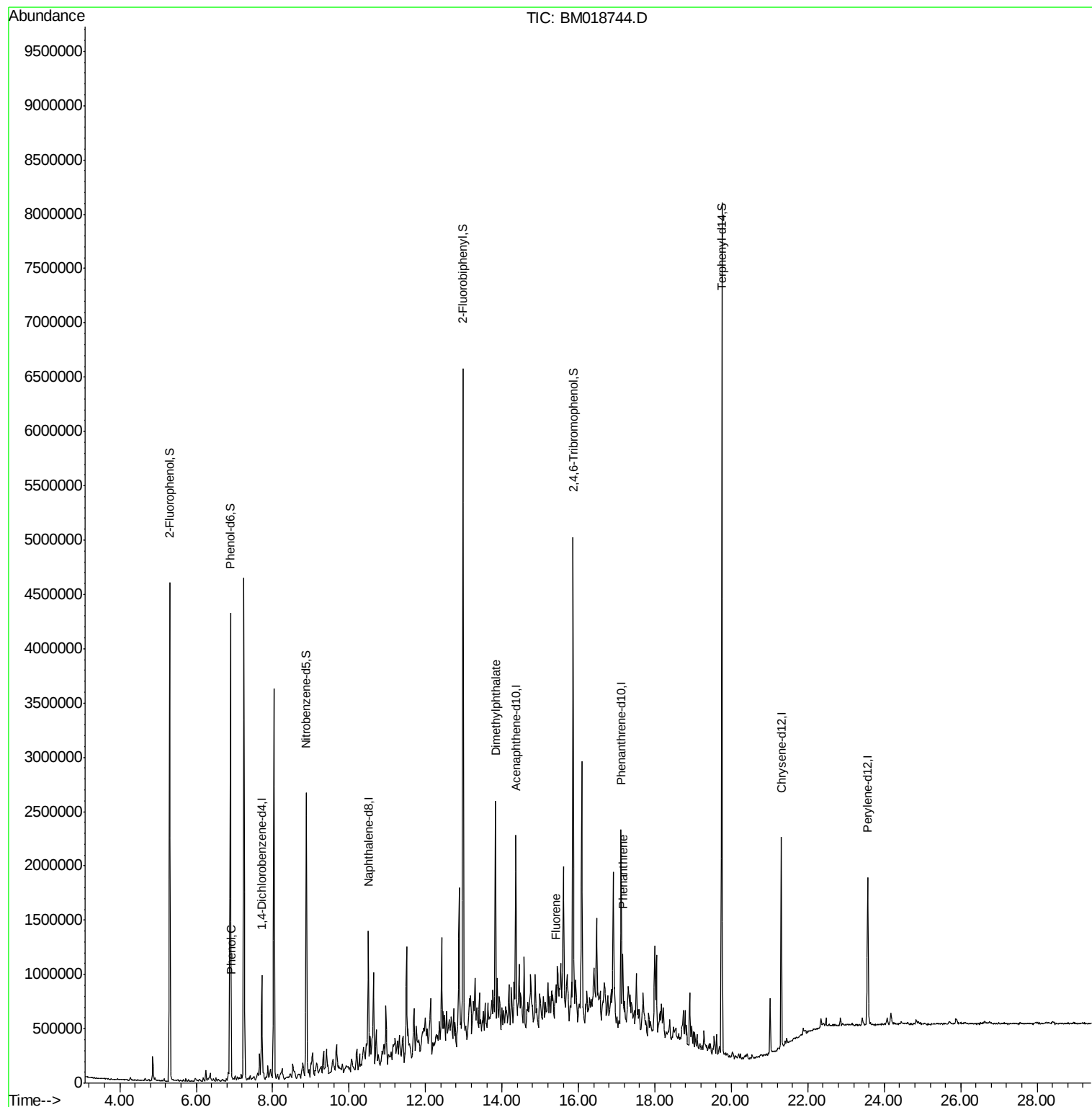
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	257302	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	950907	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	475263	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	960417	20.00	ng	0.00
76) Chrysene-d12	21.31	240	909562	20.00	ng	0.00
87) Perylene-d12	23.57	264	958211	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1905089	136.72	ng	0.00
7) Phenol-d6	6.89	99	2415327	136.47	ng	0.00
23) Nitrobenzene-d5	8.88	82	1405074	85.66	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	786577	129.98	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3160861	86.78	ng	0.00
79) Terphenyl-d14	19.75	244	3688881	85.49	ng	0.00
Target Compounds						
10) Phenol	6.92	94	38083	2.118	ng	89
50) Dimethylphthalate	13.83	163	244056	6.253	ng	# 99
58) Fluorene	15.42	166	94012	2.662	ng	# 91
71) Phenanthrene	17.16	178	341993	6.695	ng	97

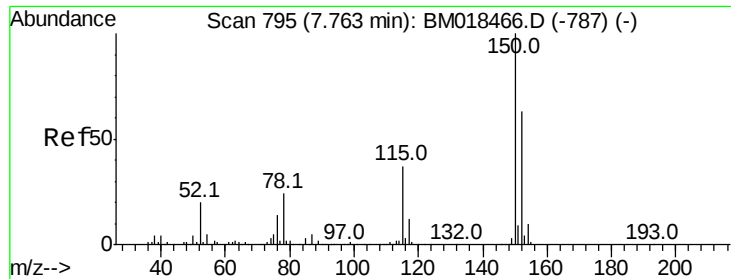
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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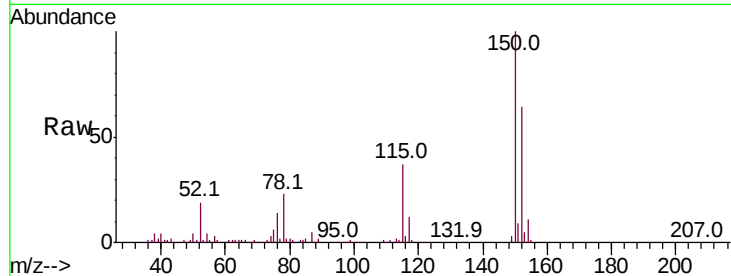


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Instrument :
BNA_M
ClientSampleId :
SB-03(12-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.9	190.3
115	58.2	45.5	68.3

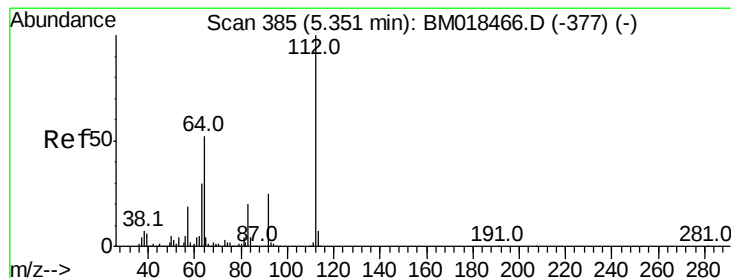
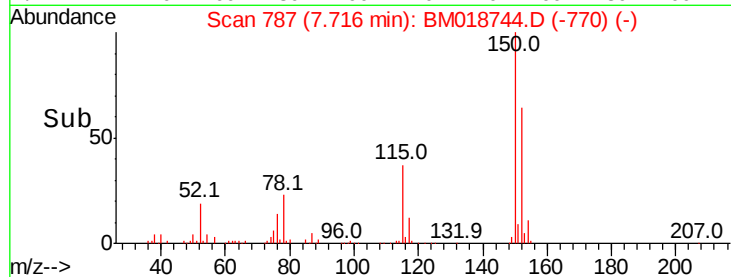
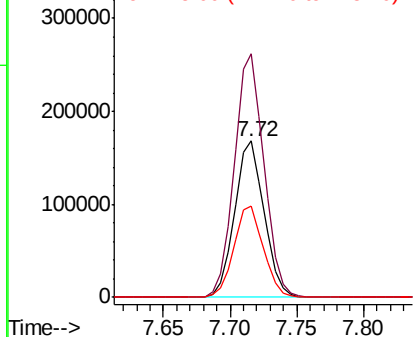


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

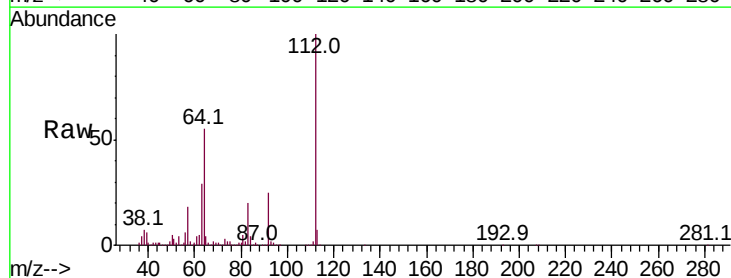
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.716 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.5	69.7
63	29.1	25.2	37.8

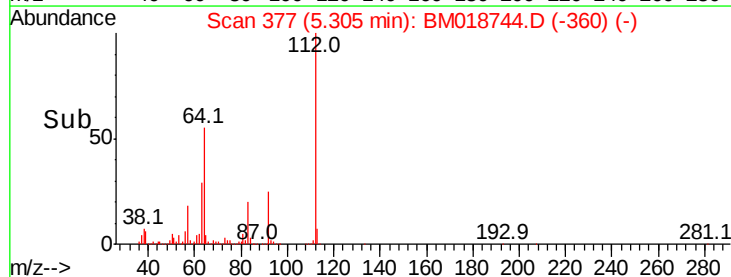
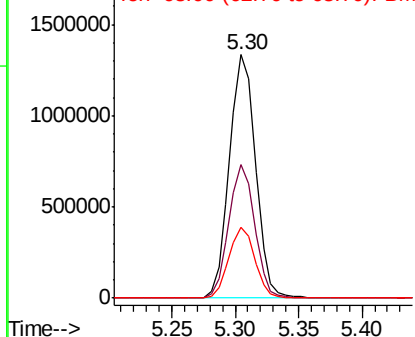


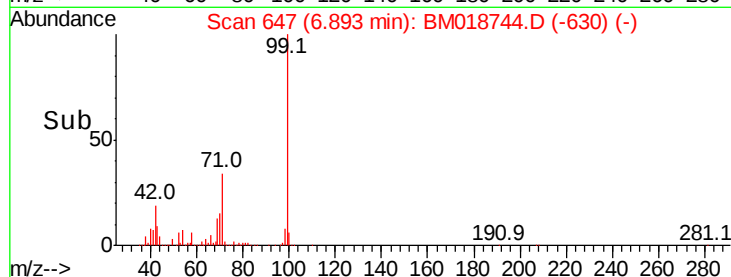
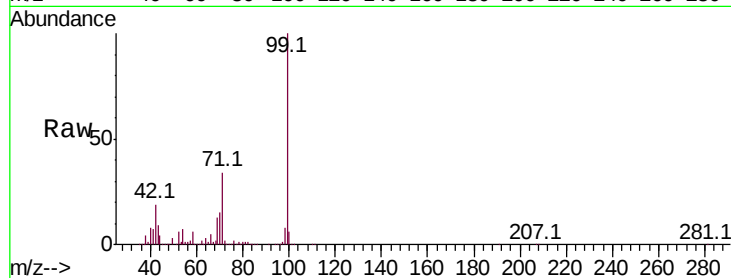
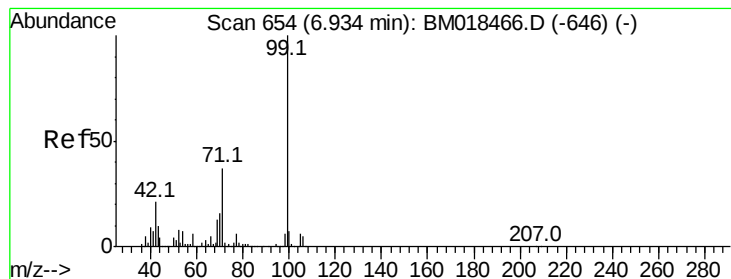
Abundance

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: 136.470 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

Instrument :

BNA_M

ClientSampleId :

SB-03(12-13)

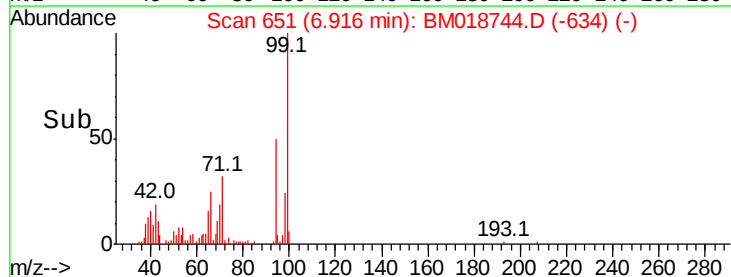
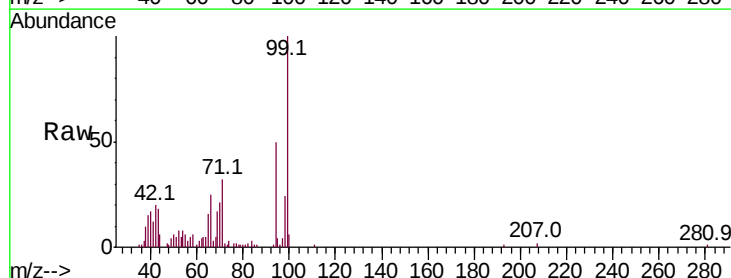
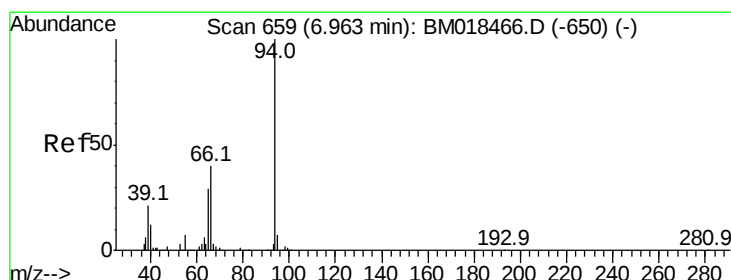
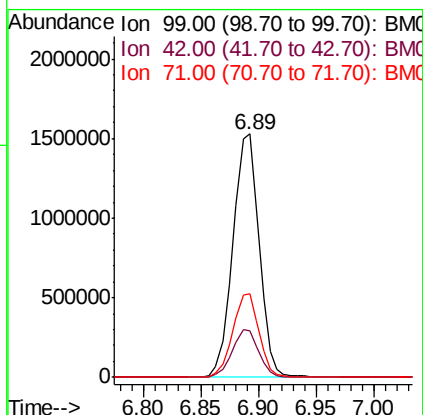
Tot Ion: 99 Resp: 2415327

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

71 34.3 28.0 42.0



#10

Phenol

Concen: 2.118 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

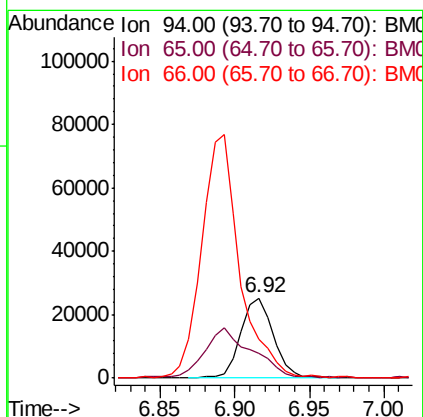
Tgt Ion: 94 Resp: 38083

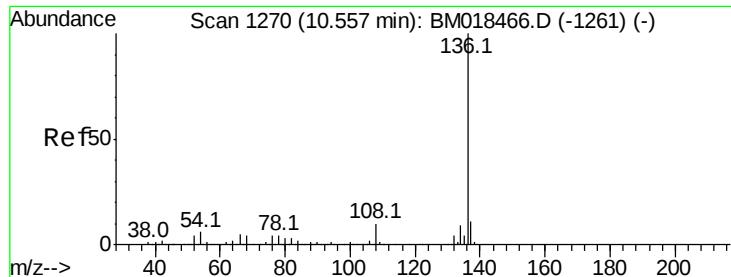
Ion Ratio Lower Upper

94 100

65 31.1 9.4 49.4

66 49.0 19.1 59.1

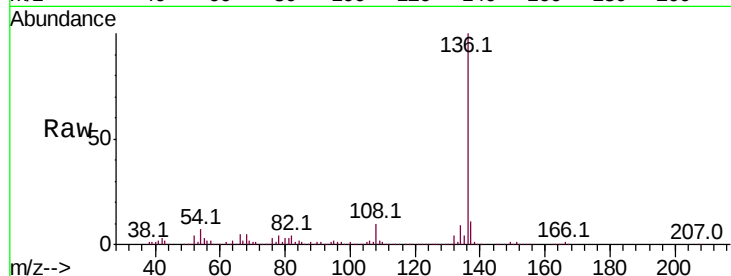




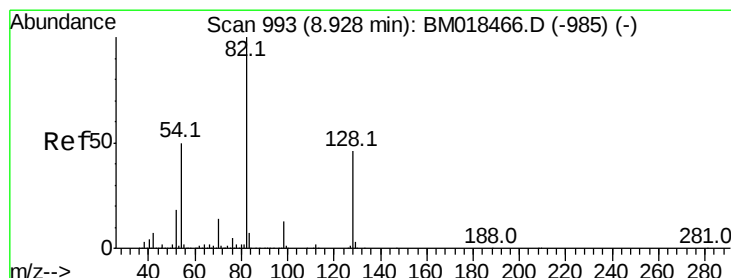
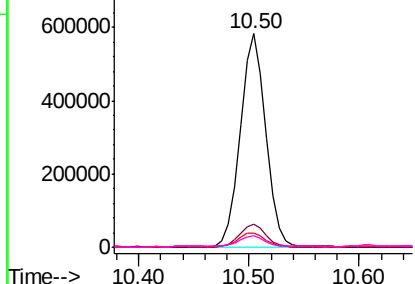
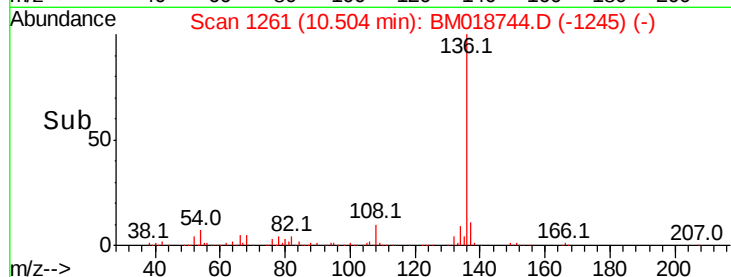
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Instrument :
BNA_M
ClientSampleId :
SB-03(12-13)

Tot Ion:136	Resp: 950907
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 6.8	6.0 9.0
68 5.3	4.5 6.7

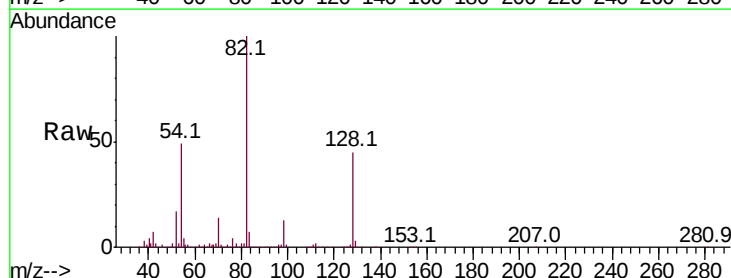


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

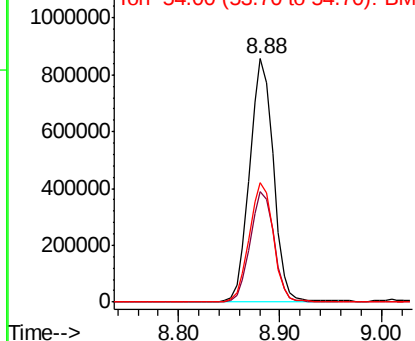
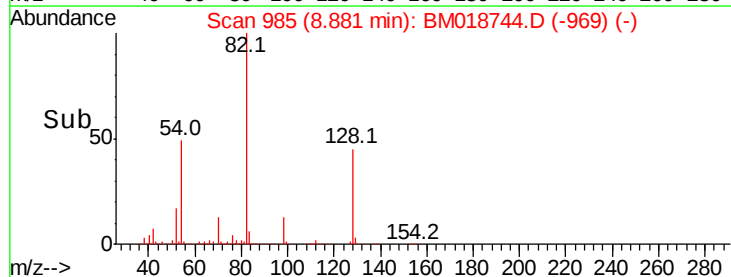


#23
Nitrobenzene-d5
Concen: 85.659 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Tgt Ion: 82	Resp: 1405074
Ion Ratio	Lower Upper
82 100	
128 45.1	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

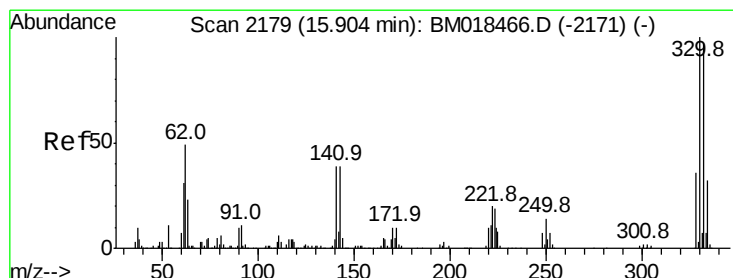
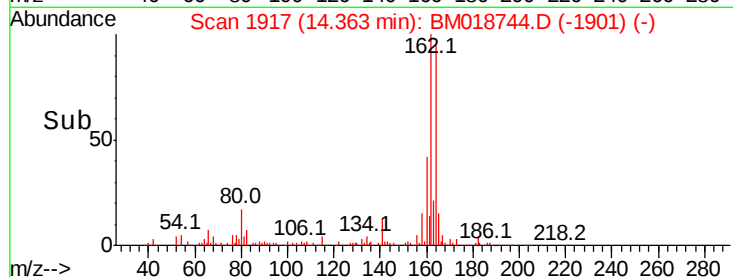
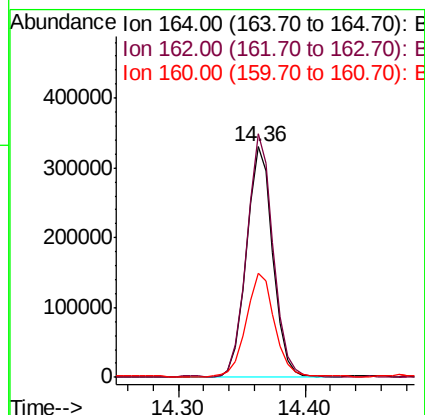
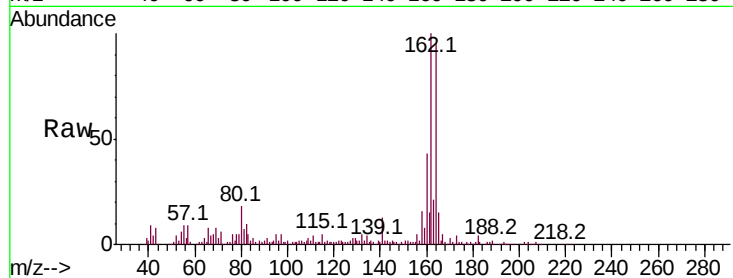




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

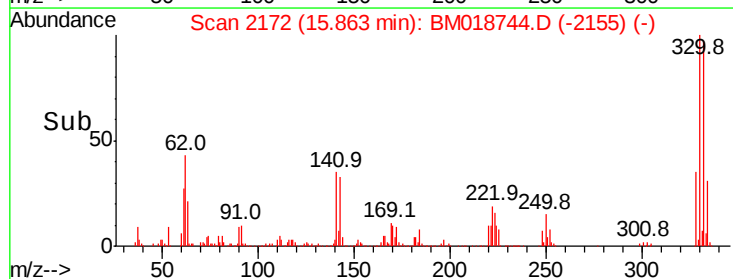
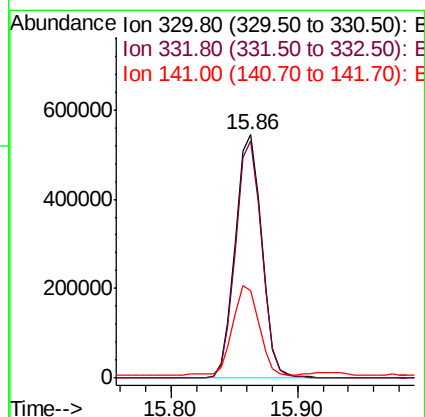
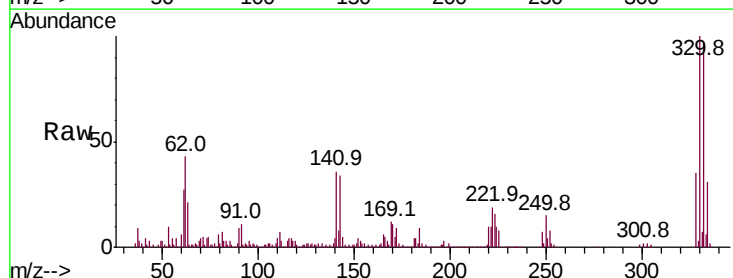
Instrument :
BNA_M
ClientSampleId :
SB-03(12-13)

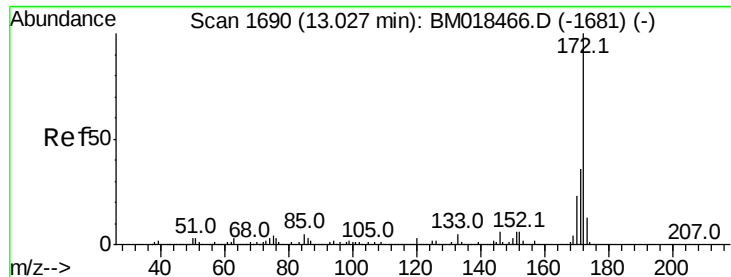
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	44.9	37.1	55.7



#42
2,4,6-Tribromophenol
Concen: 129.982 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	36.3	31.7	47.5

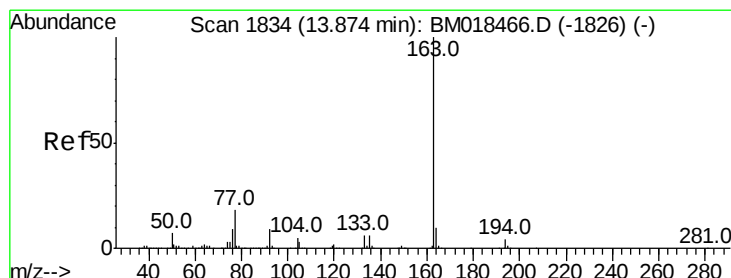
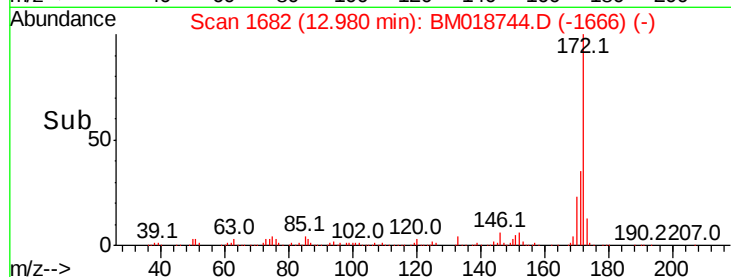
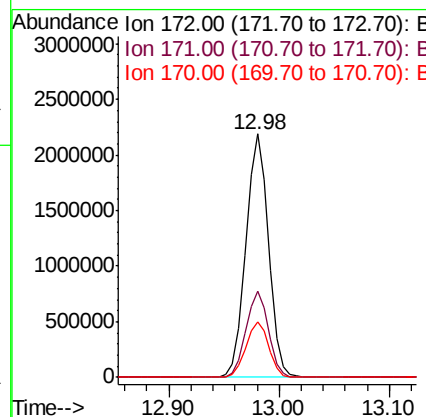
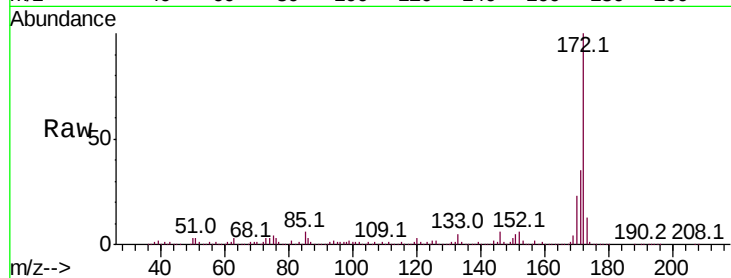




#45
2-Fluorobiphenyl
Concen: 86.783 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

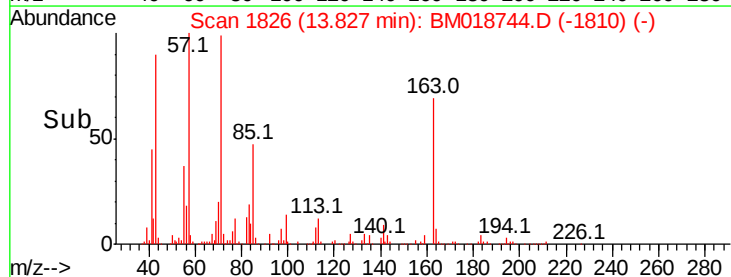
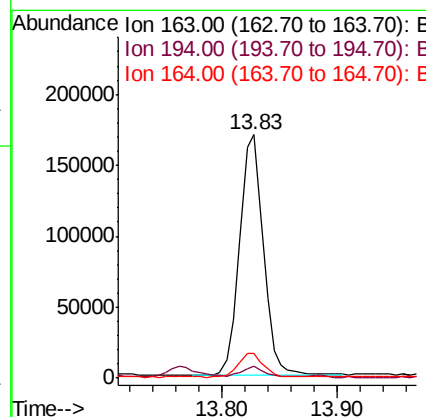
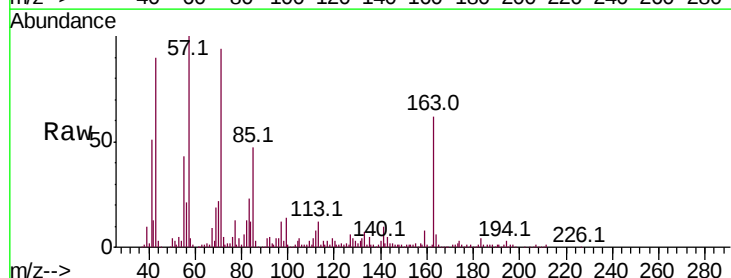
Instrument :
BNA_M
ClientSampled :
SB-03(12-13)

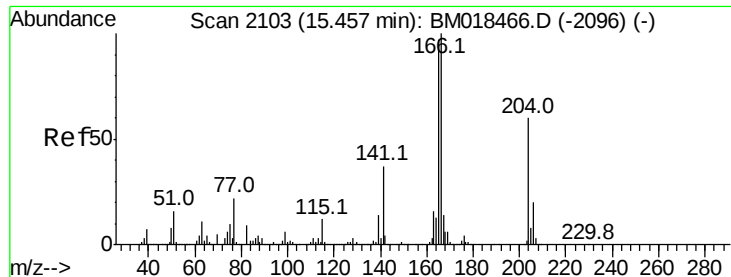
Tot Ion:172 Resp: 3160861
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 22.9 18.9 28.3



#50
Dimethylphthalate
Concen: 6.253 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018744.D
Acq: 07 Feb 2019 19:05

Tgt Ion:163 Resp: 244056
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 10.0 7.8 11.8

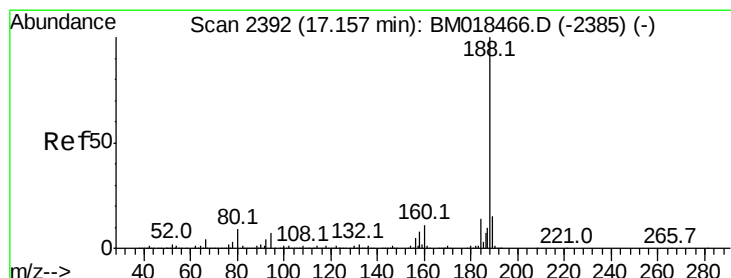
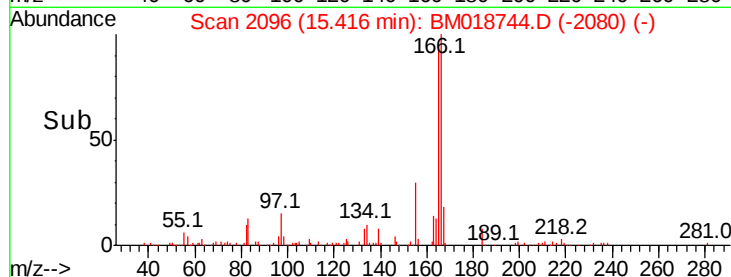
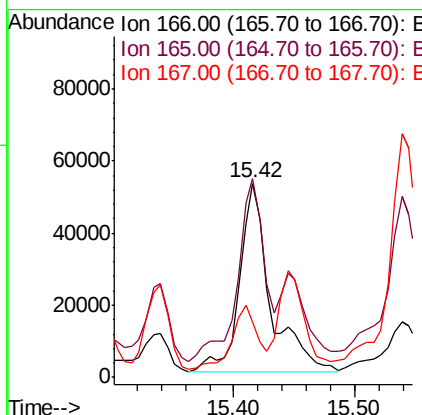
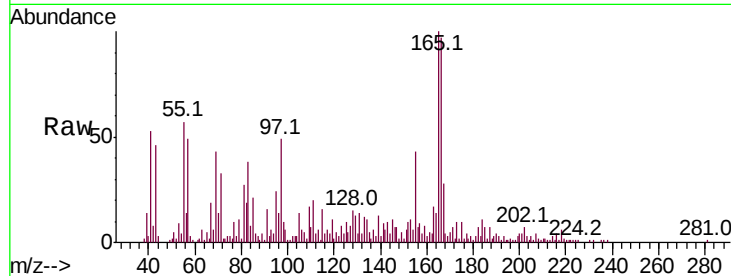




#58
 Fluorene
 Concen: 2.662 ng
 RT: 15.42 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM018744.D
 Acq: 07 Feb 2019 19:05

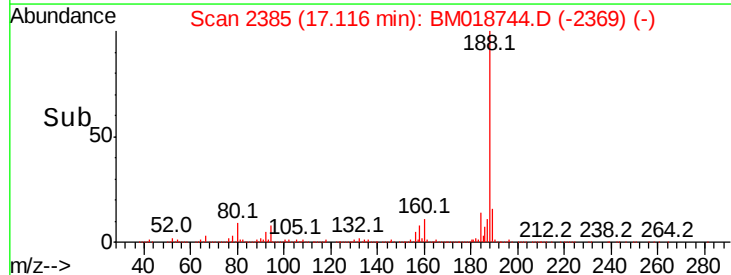
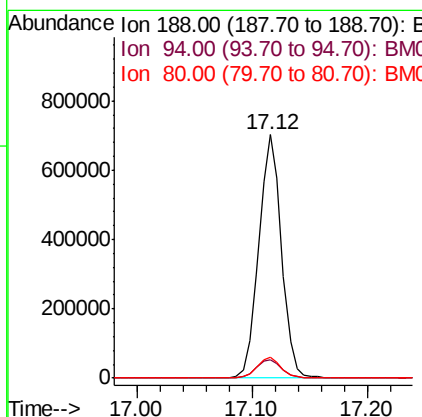
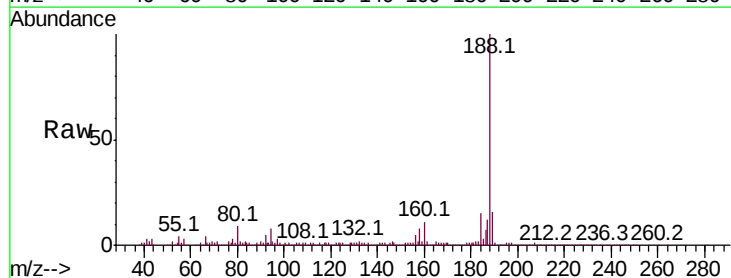
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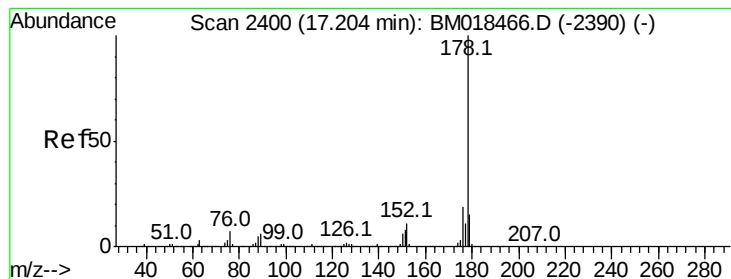
Tot Ion:166 Resp: 94012
 Ion Ratio Lower Upper
 166 100
 165 102.8 78.3 117.5
 167 28.4 10.9 16.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.12 min Scan# 2385
 Delta R.T. -0.01 min
 Lab File: BM018744.D
 Acq: 07 Feb 2019 19:05

Tgt Ion:188 Resp: 960417
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.7 7.6 11.4





#71

Phenanthrene

Concen: 6.695 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

Instrument :

BNA_M

ClientSampleId :

SB-03(12-13)

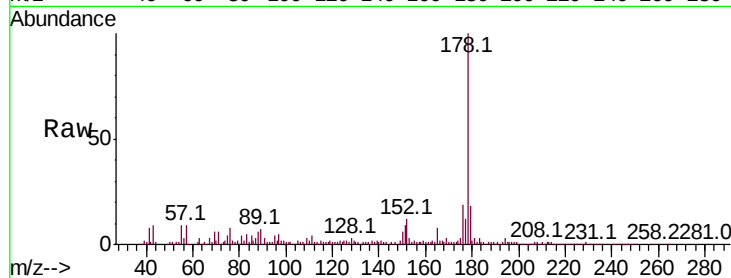
Tot Ion:178 Resp: 341993

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

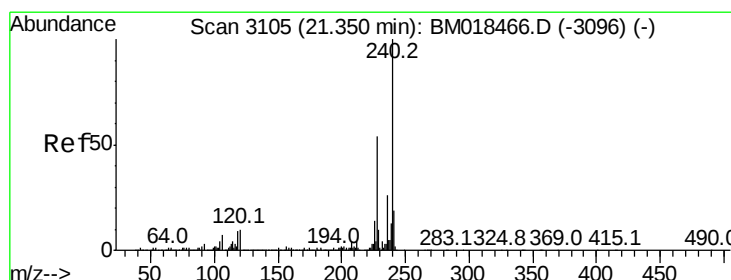
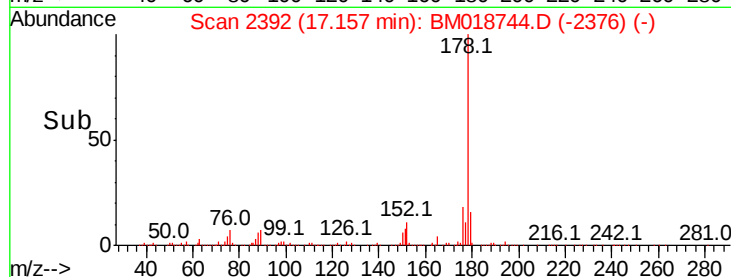
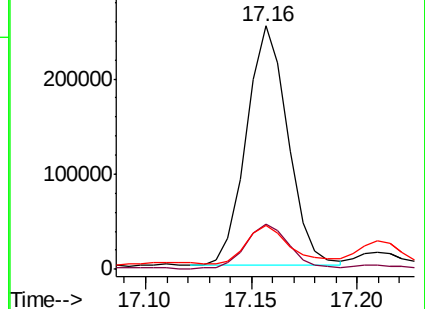
179 17.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

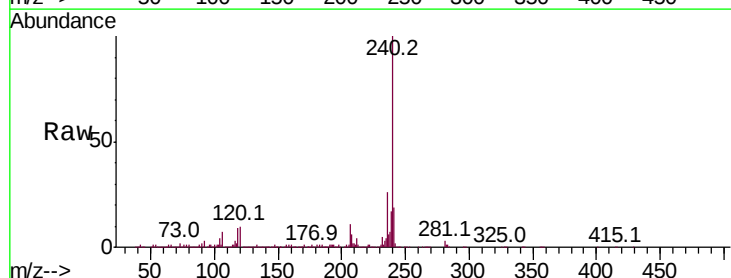
Tgt Ion:240 Resp: 909562

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

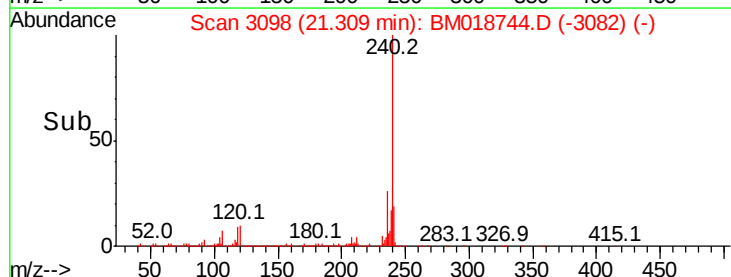
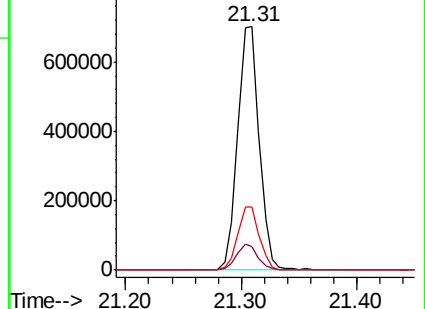
236 25.8 20.7 31.1

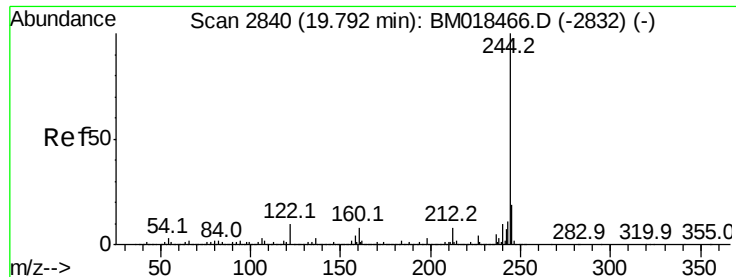


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.495 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

Instrument :

BNA_M

ClientSampleId :

SB-03(12-13)

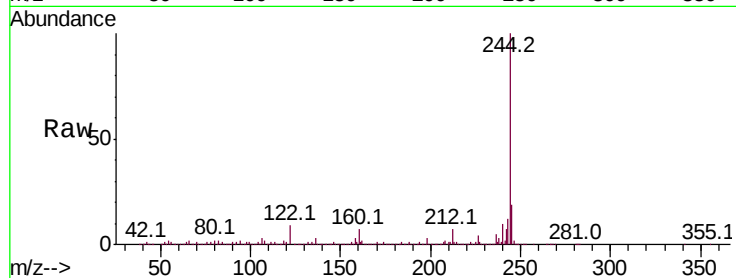
Tot Ion:244 Resp: 3688881

Ion Ratio Lower Upper

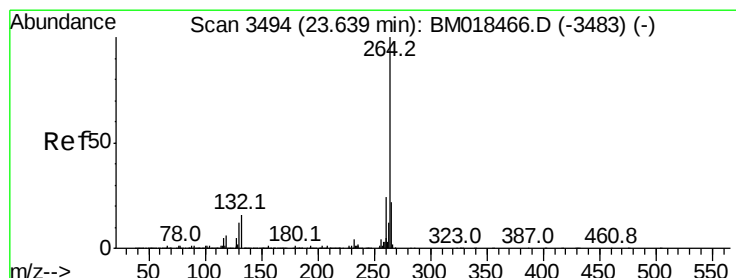
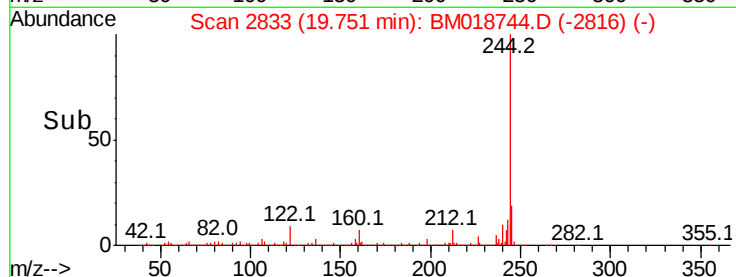
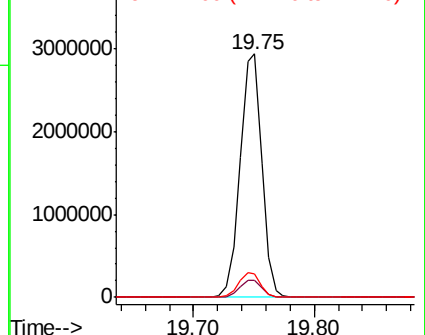
244 100

212 7.2 5.9 8.9

122 9.4 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

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM018744.D

Acq: 07 Feb 2019 19:05

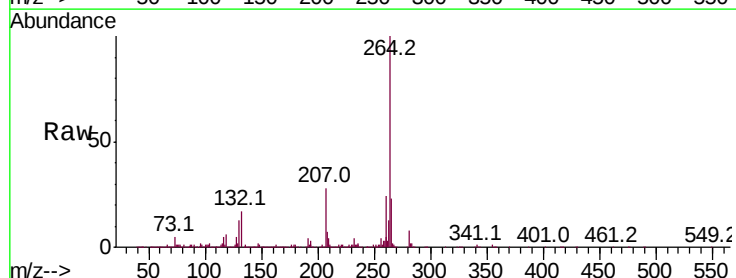
Tgt Ion:264 Resp: 958211

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.7 16.8 25.2



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

