

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018537.D
 Acq On : 11 Jan 2019 16:45
 Operator : JU/SJ
 Sample : K1119-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-A

Quant Time: Jan 11 23:54:24 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

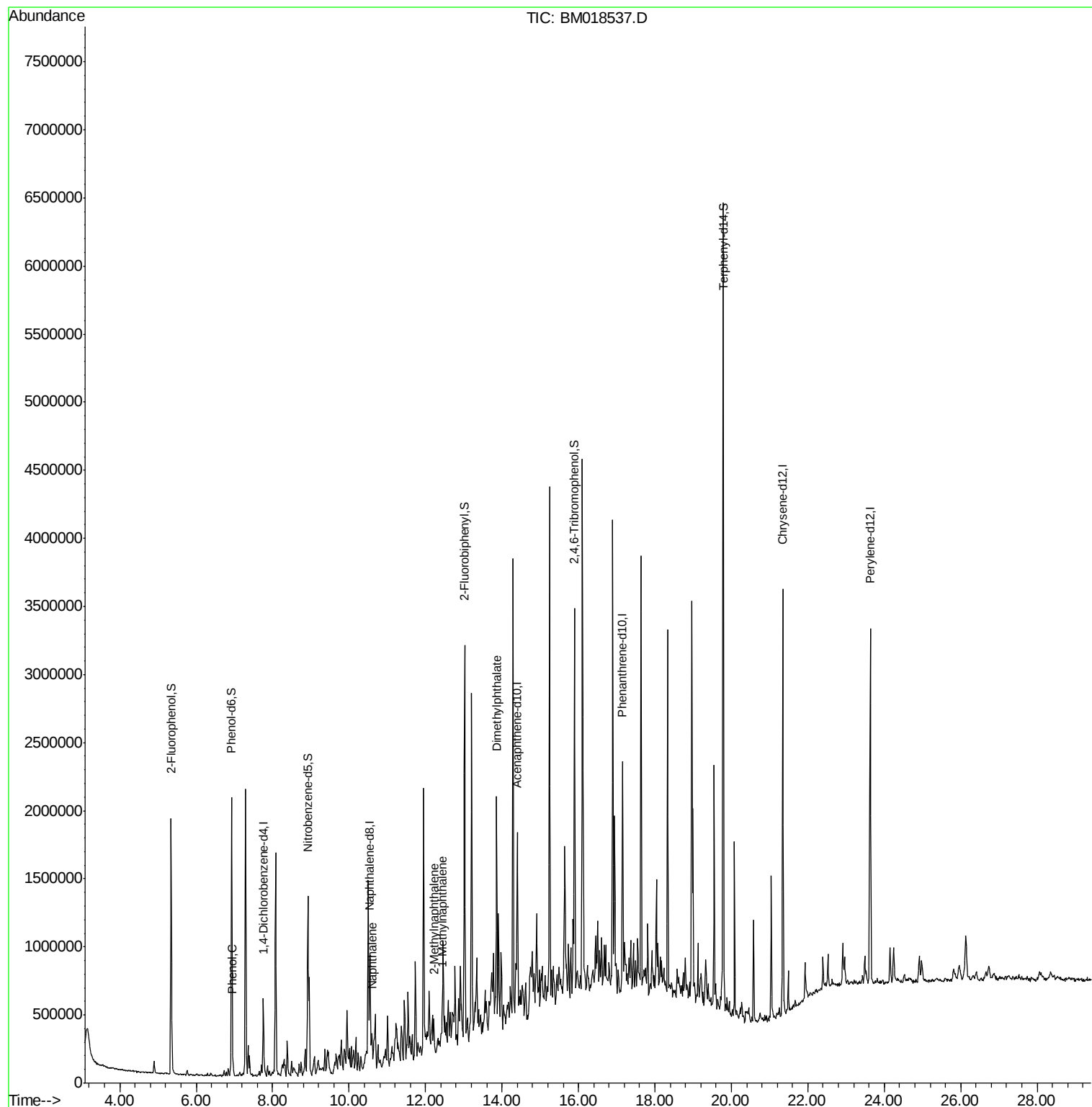
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	156538	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	641633	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	383176	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	928879	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1379537	20.00	ng	0.00
87) Perylene-d12	23.63	264	1895404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	861087	101.57	ng	0.00
7) Phenol-d6	6.93	99	1142593	106.11	ng	0.00
23) Nitrobenzene-d5	8.92	82	693486	62.66	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	493897	101.23	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	1542457	52.53	ng	0.00
79) Terphenyl-d14	19.79	244	2839960	43.40	ng	0.00
Target Compounds						
10) Phenol	6.96	94	24073	2.200	ng	90
31) Naphthalene	10.60	128	70766	2.290	ng	# 90
37) 2-Methylnaphthalene	12.22	142	133203	6.101	ng	97
38) 1-Methylnaphthalene	12.43	142	82253	3.894	ng	# 94
50) Dimethylphthalate	13.86	163	494068	15.700	ng	# 98

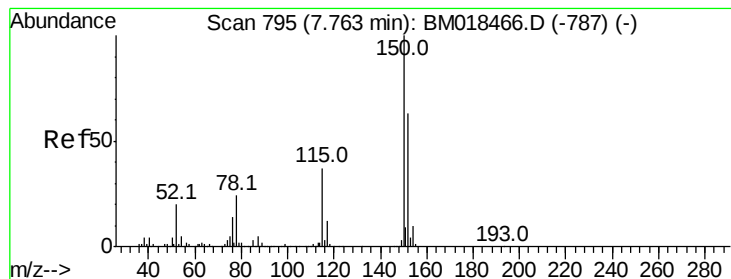
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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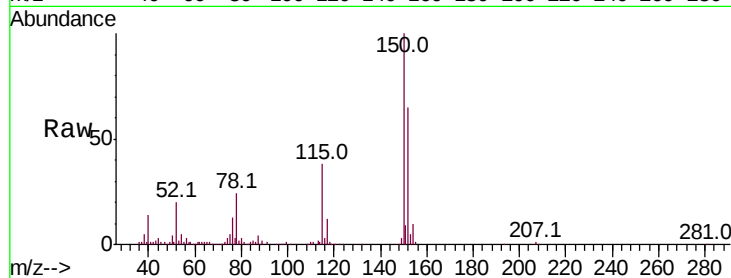


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Instrument :
BNA_M
ClientSampleId :
DS-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	58.9	45.5	68.3

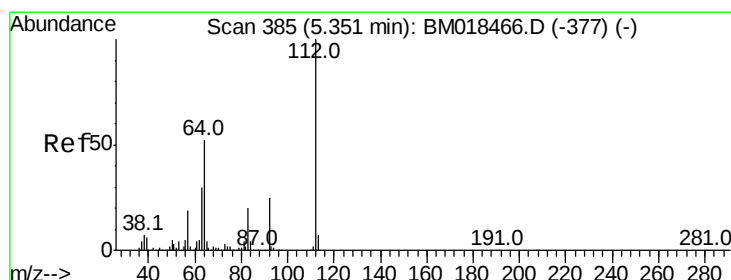
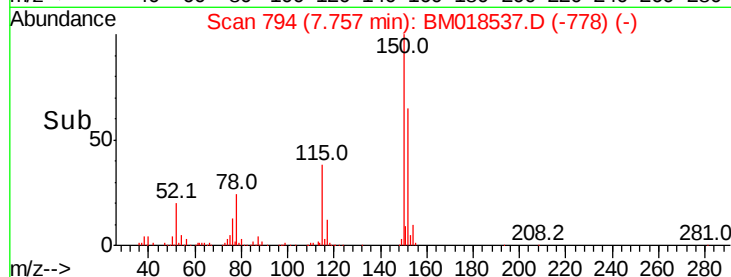
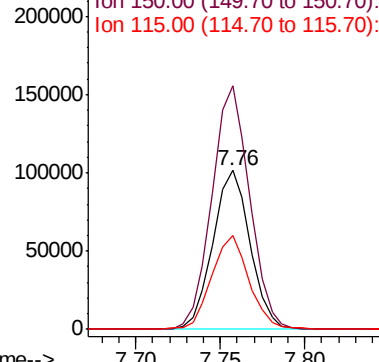


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

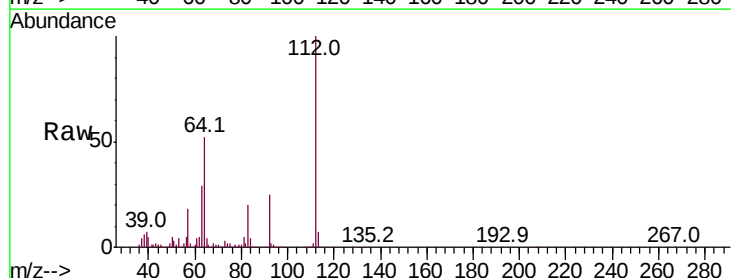
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.572 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.5	69.7
63	29.0	25.2	37.8

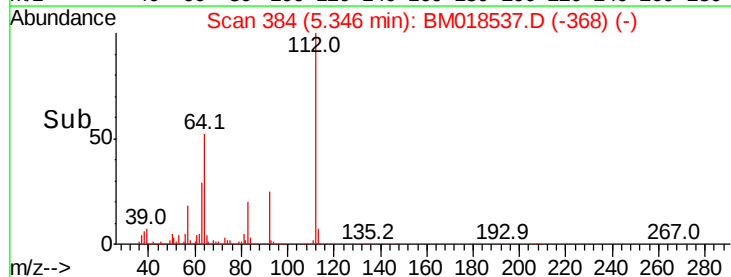
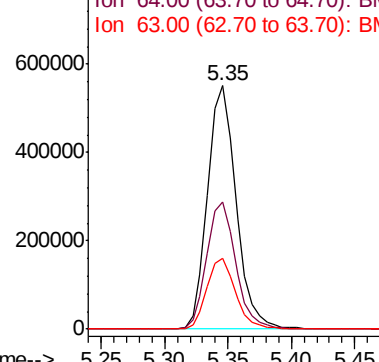


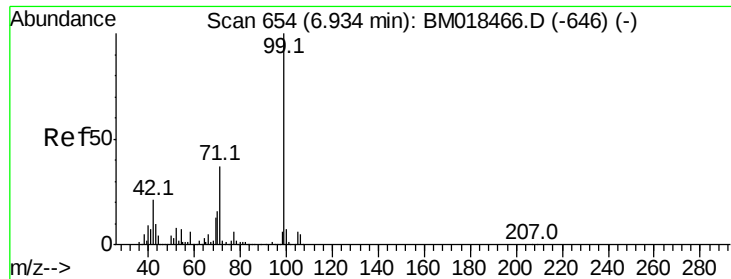
Abundance

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: 106.115 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

DS-A

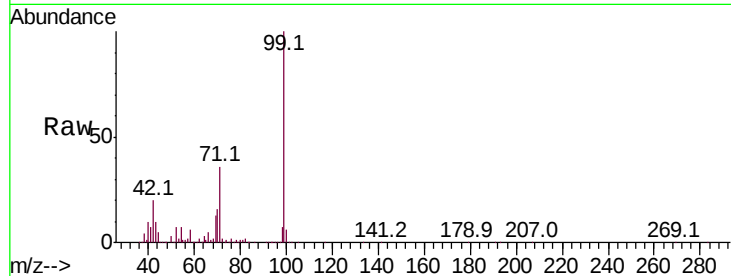
Tot Ion: 99 Resp: 1142593

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

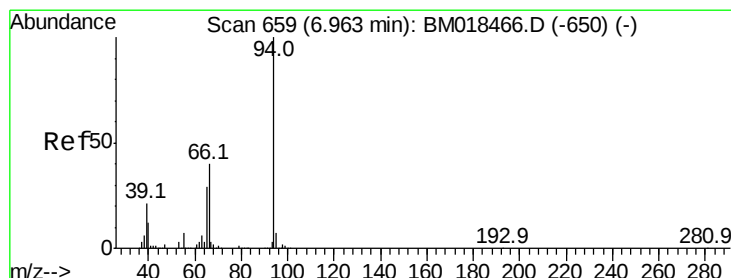
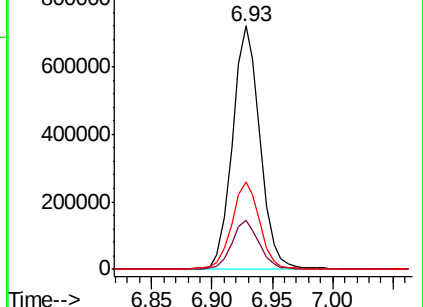
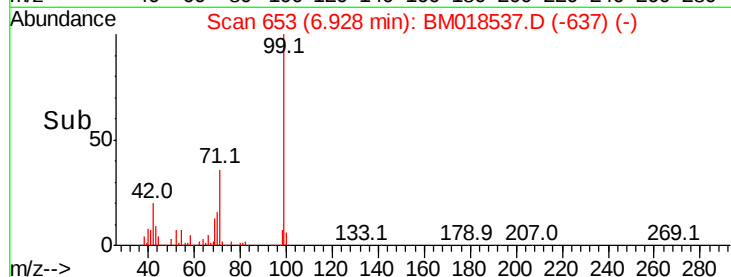
71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.200 ng

RT: 6.96 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

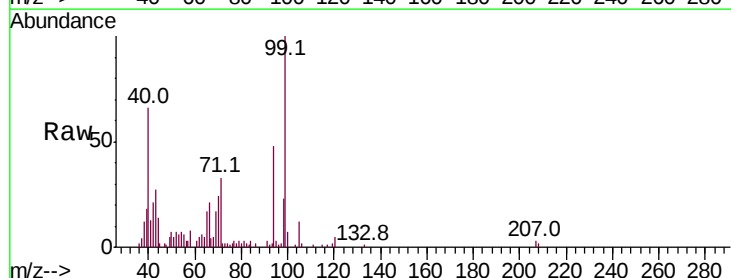
Tgt Ion: 94 Resp: 24073

Ion Ratio Lower Upper

94 100

65 36.2 9.4 49.4

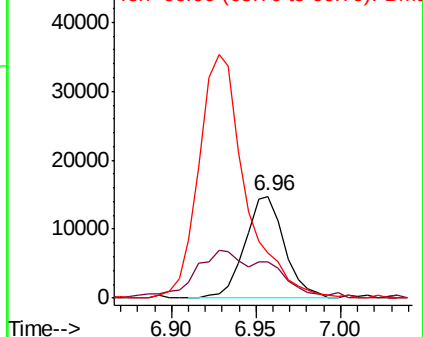
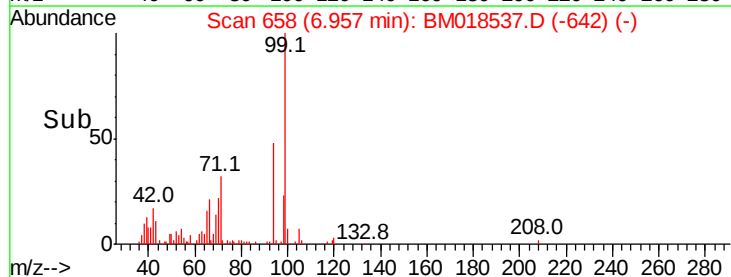
66 44.4 19.1 59.1

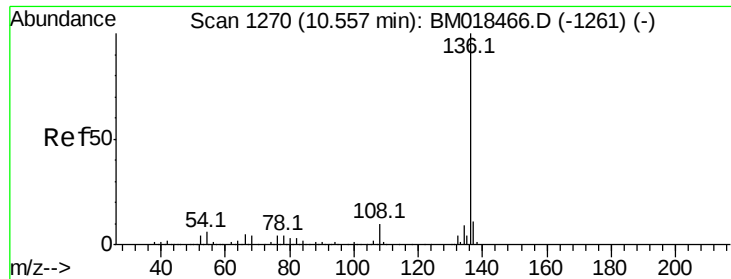


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

DS-A

Tot Ion:136 Resp: 641633

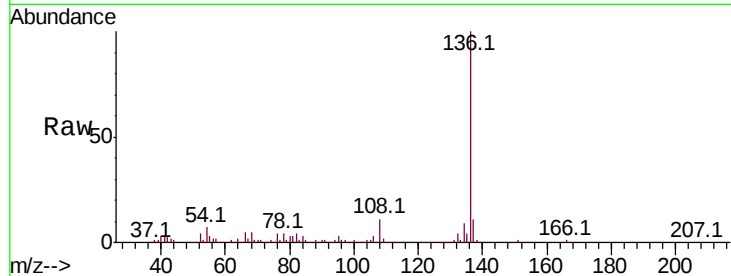
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.2 6.0 9.0

68 5.1 4.5 6.7

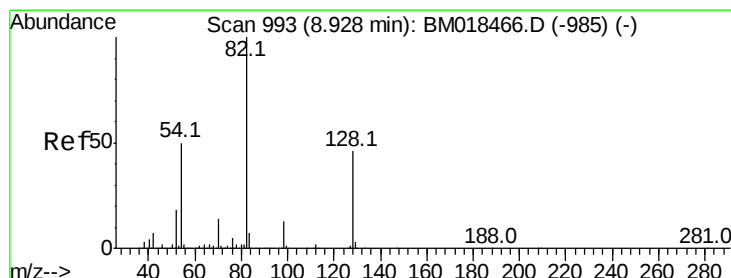
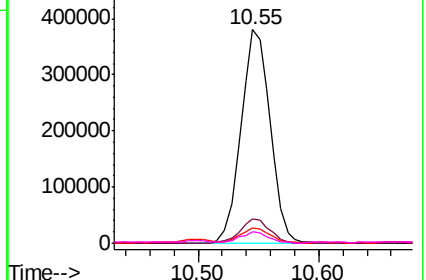
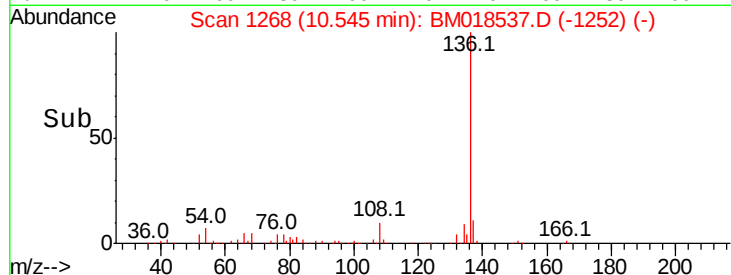


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.656 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

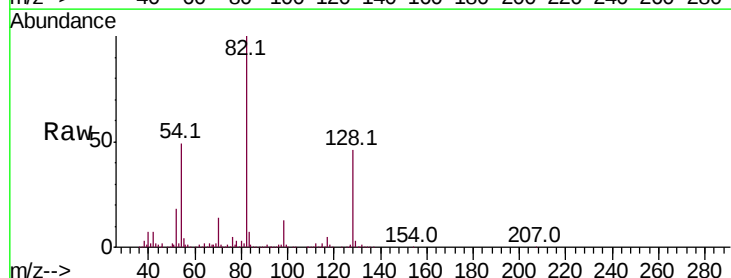
Tgt Ion: 82 Resp: 693486

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

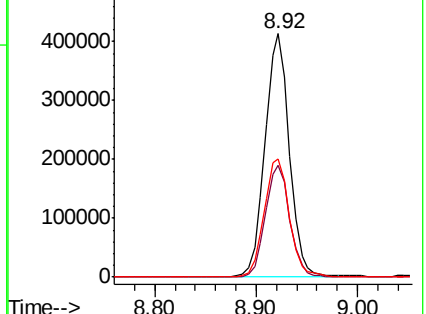
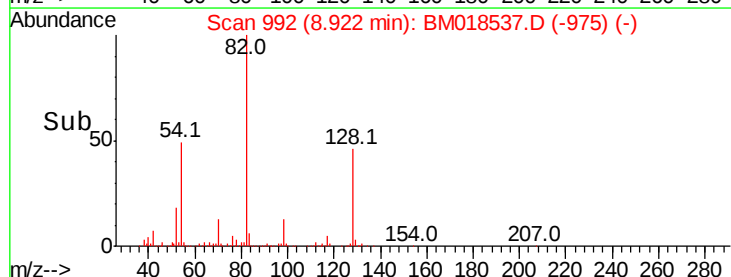
54 48.6 41.7 62.5

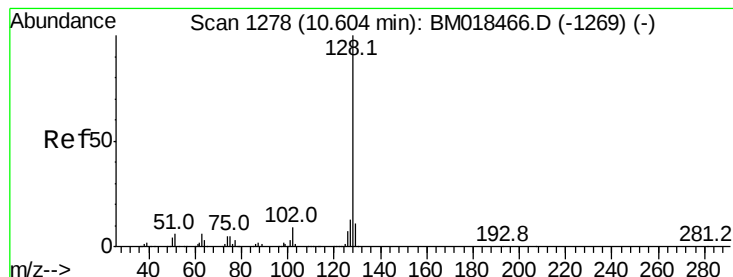


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#31

Naphthalene

Concen: 2.290 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

Instrument :

BNA_M

ClientSampleId :

DS-A

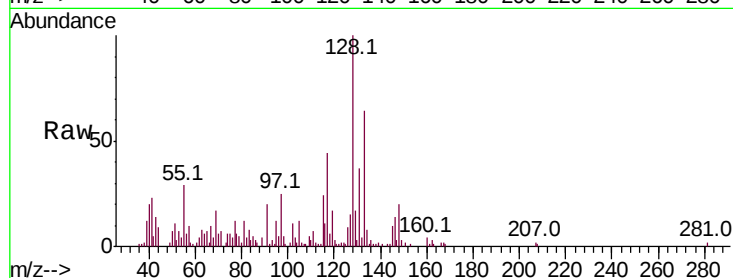
Tot Ion:128 Resp: 70766

Ion Ratio Lower Upper

128 100

129 17.4 8.7 13.1#

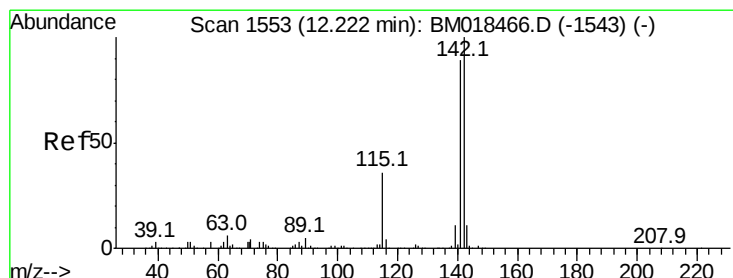
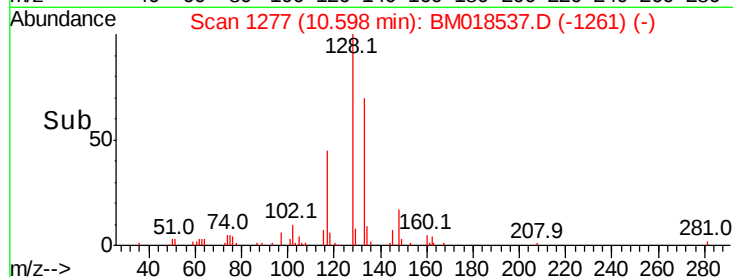
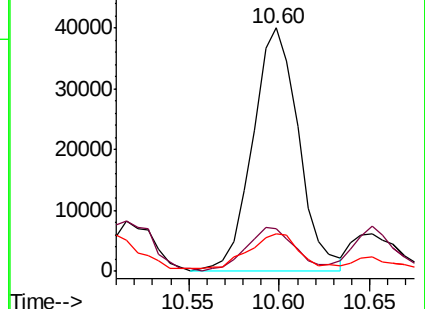
127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 6.101 ng

RT: 12.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

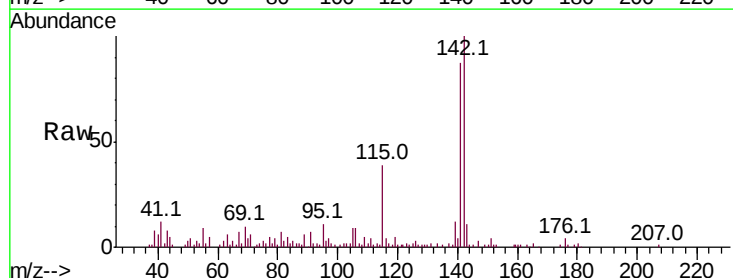
Tgt Ion:142 Resp: 133203

Ion Ratio Lower Upper

142 100

141 87.1 71.4 107.2

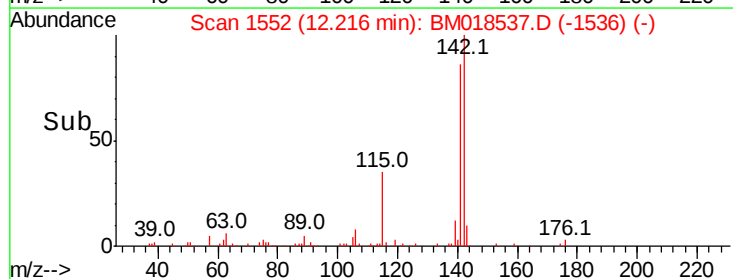
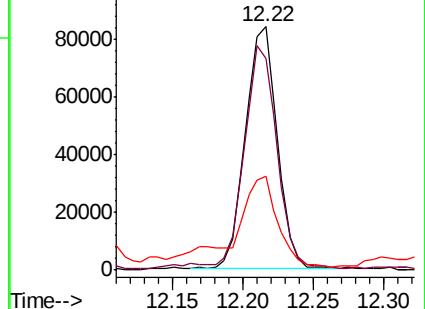
115 38.7 28.0 42.0

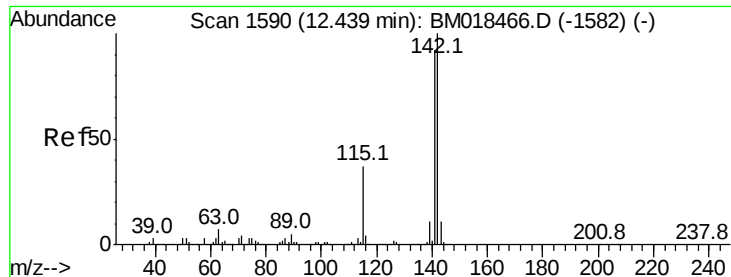


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

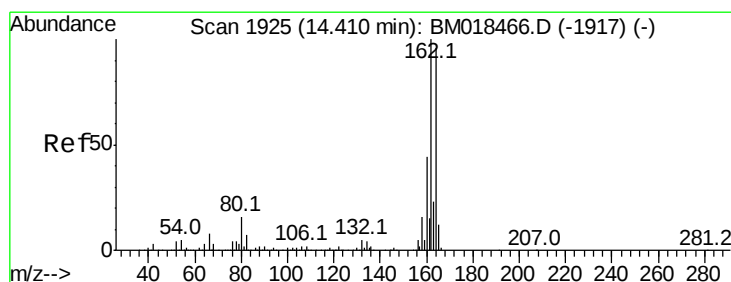
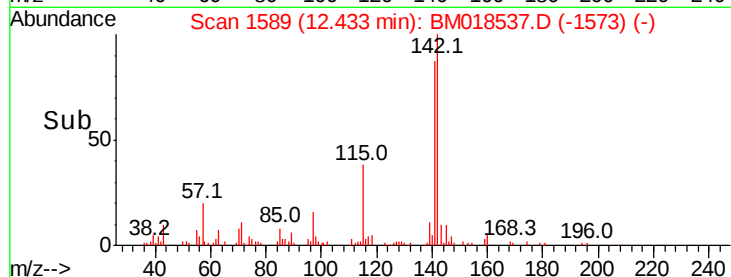
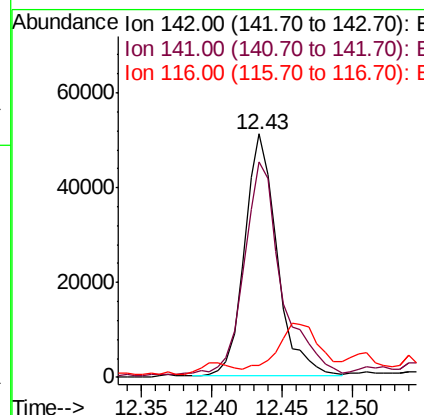
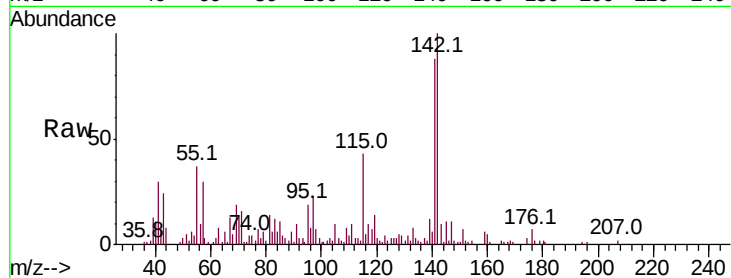




#38
1-Methylnaphthalene
Concen: 3.894 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

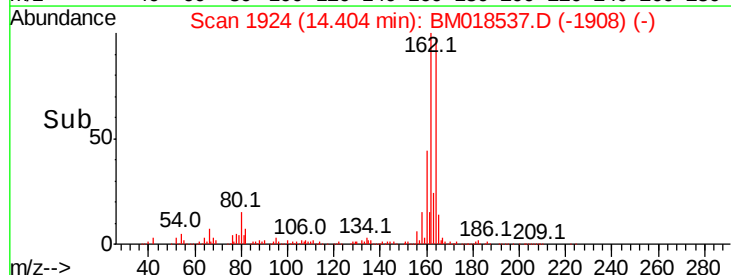
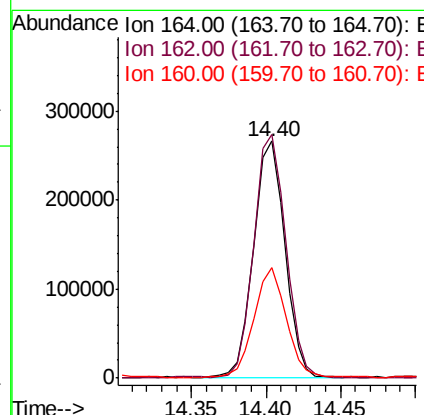
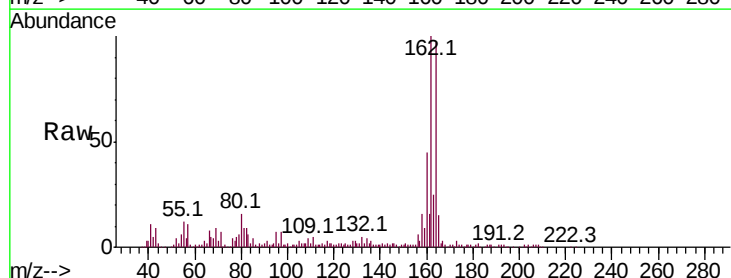
Instrument :
BNA_M
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DS-A

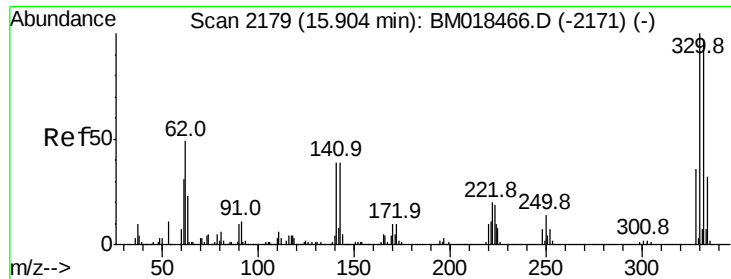
Tot Ion:142 Resp: 82253
Ion Ratio Lower Upper
142 100
141 88.3 75.6 113.4
116 5.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:164 Resp: 383176
Ion Ratio Lower Upper
164 100
162 102.7 83.0 124.4
160 46.4 37.1 55.7

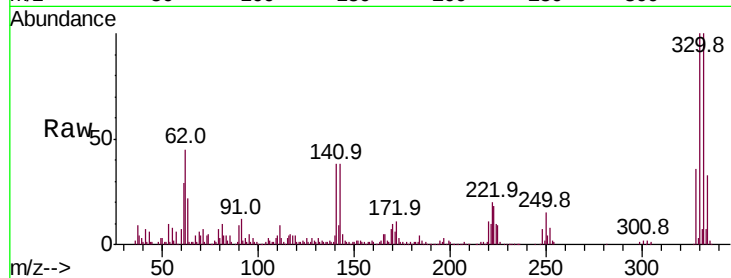




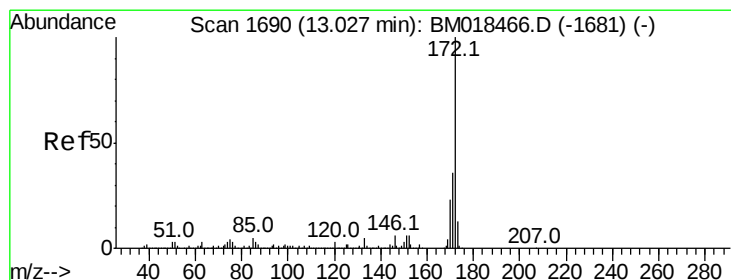
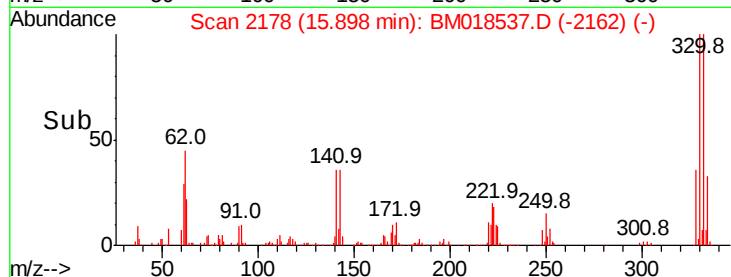
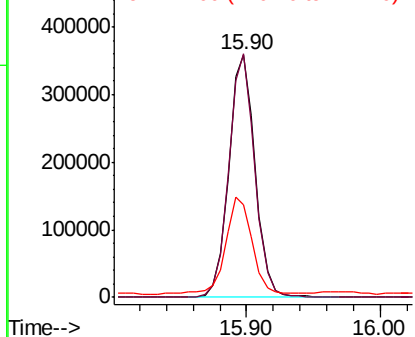
#42
 2,4,6-Tribromophenol
 Concen: 101.231 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018537.D
 Acq: 11 Jan 2019 16:45

Instrument :
 BNA_M
 ClientSampled :
 DS-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.6	116.4
141	39.9	31.7	47.5

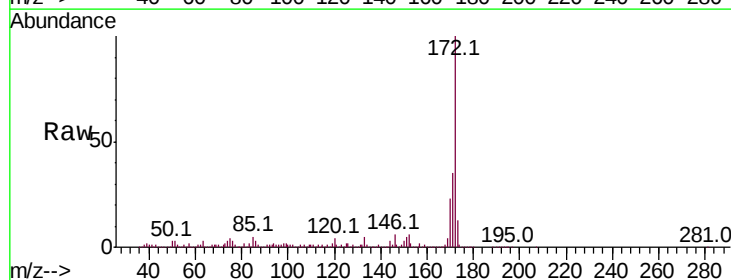


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

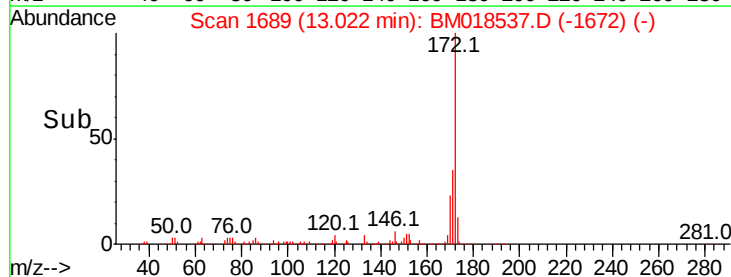
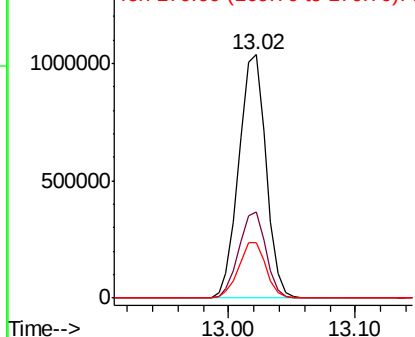


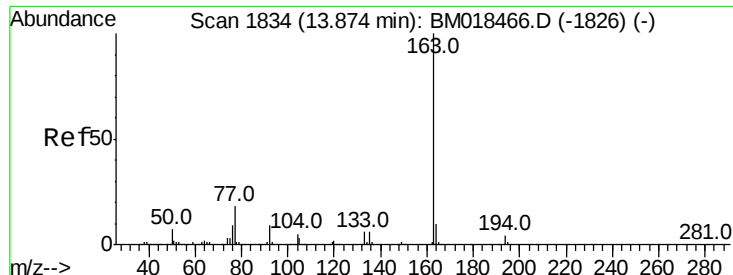
#45
 2-Fluorobiphenyl
 Concen: 52.527 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018537.D
 Acq: 11 Jan 2019 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	22.9	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

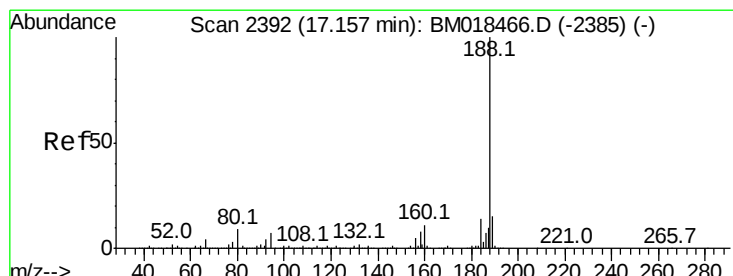
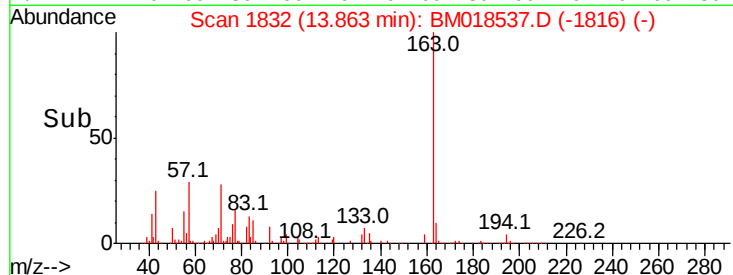
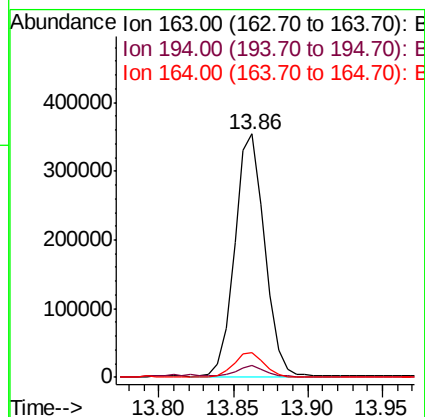
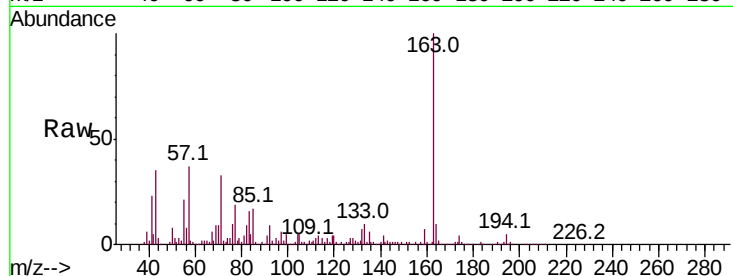




#50
Dimethylphthalate
Concen: 15.700 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

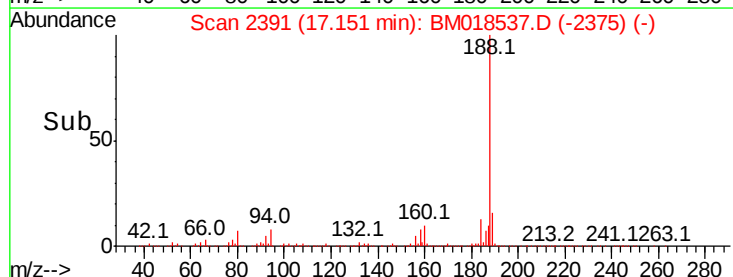
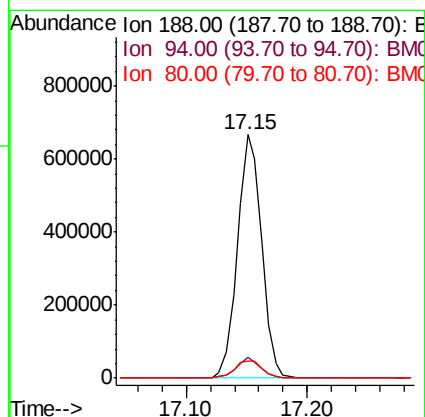
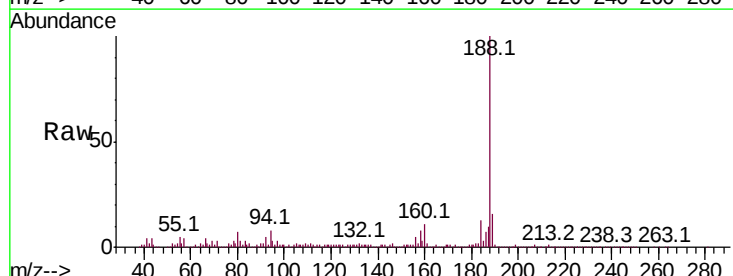
Instrument :
BNA_M
ClientSampleId :
DS-A

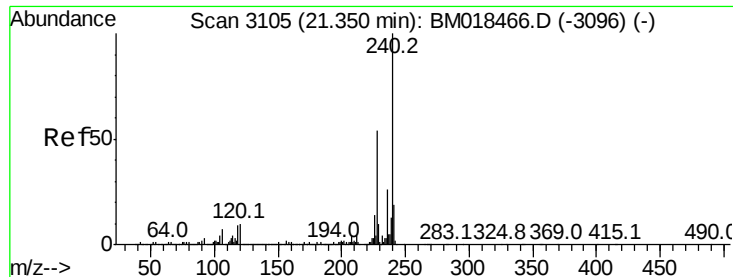
Tot Ion:163 Resp: 494068
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 10.3 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018537.D
Acq: 11 Jan 2019 16:45

Tgt Ion:188 Resp: 928879
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 7.3 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: BM018537.D

Acq: 11 Jan 2019 16:45

Instrument :

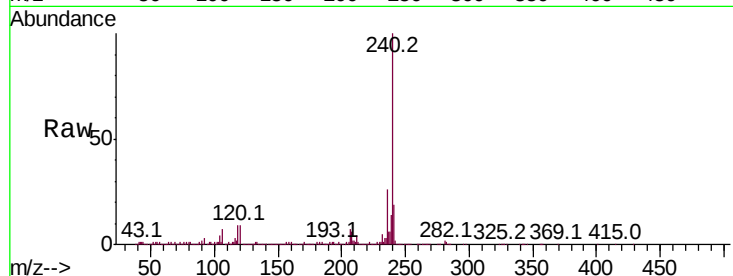
BNA_M

ClientSampleId :

DS-A

Tot Ion:240 Resp: 1379537

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.0	20.7	31.1

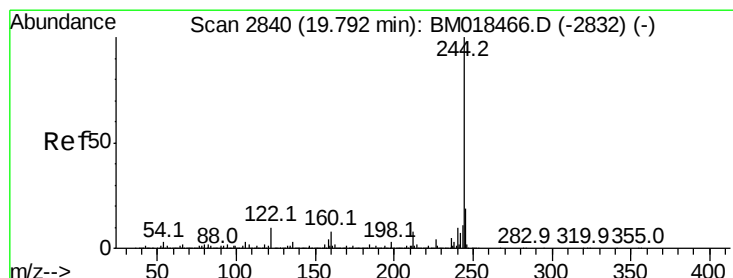
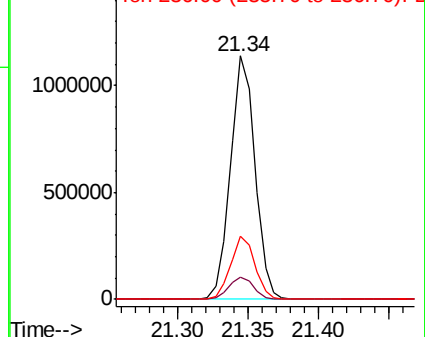
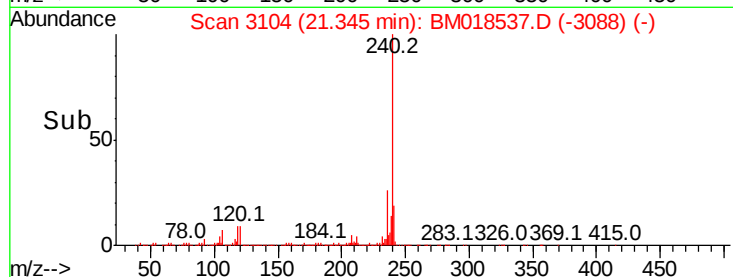


Abundance

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: 43.397 ng

RT: 19.79 min Scan# 2839

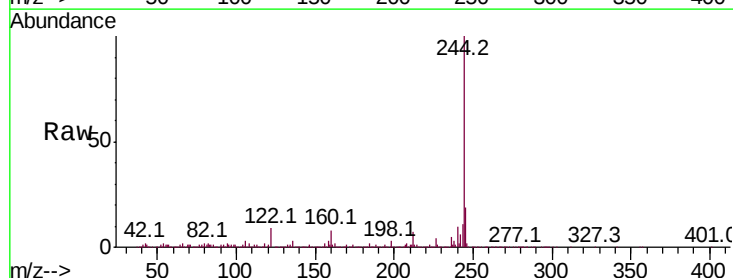
Delta R.T. -0.00 min

Lab File: BM018537.D

Acq: 11 Jan 2019 16:45

Tgt Ion:244 Resp: 2839960

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	8.6	9.0	13.4

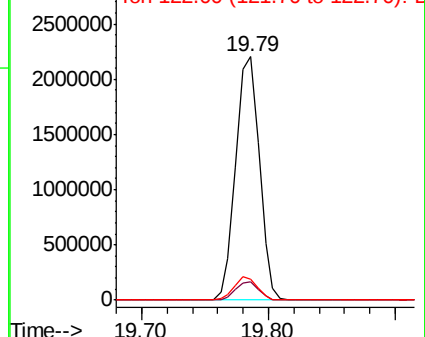
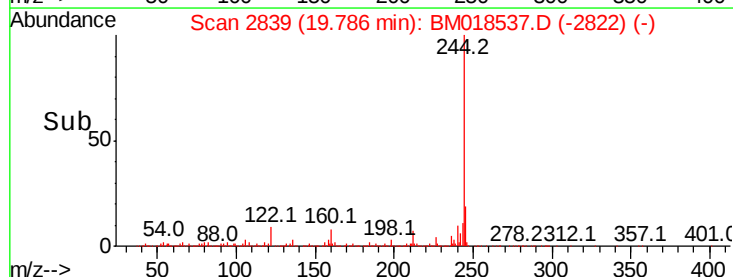


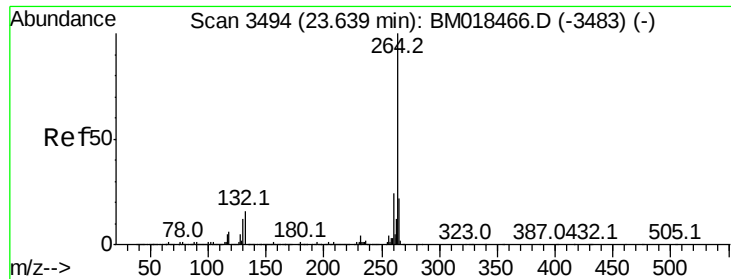
Abundance

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

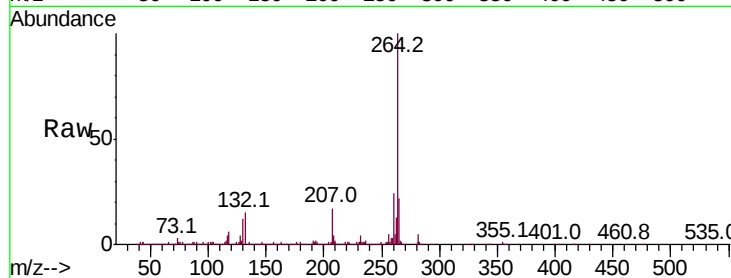




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.63 min Scan# 3493
 Delta R.T. -0.00 min
 Lab File: BM018537.D
 Acq: 11 Jan 2019 16:45

Instrument :
 BNA_M
 ClientSampleId :
 DS-A

Tot Ion: 264 Resp: 1895404
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.0 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

