

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018538.D
 Acq On : 11 Jan 2019 17:21
 Operator : JU/SJ
 Sample : K1119-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

Quant Time: Jan 11 23:57:53 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

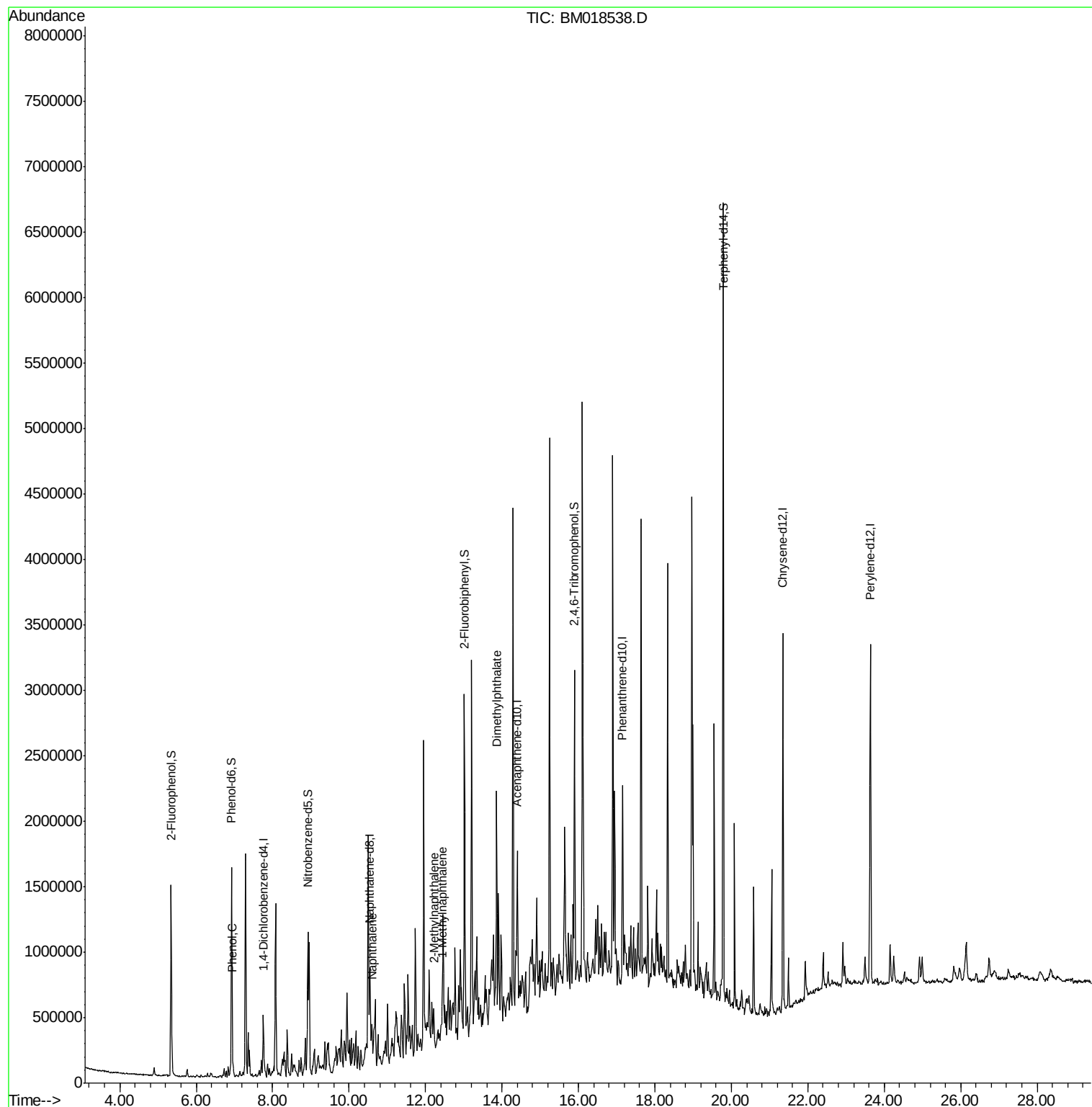
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	129470	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	548735	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	328012	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	821375	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1323341	20.00	ng	0.00
87) Perylene-d12	23.63	264	1907532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	680774	97.09	ng	0.00
7) Phenol-d6	6.93	99	908788	102.05	ng	0.00
23) Nitrobenzene-d5	8.92	82	544732	57.55	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	413502	99.01	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	1339247	53.28	ng	0.00
79) Terphenyl-d14	19.79	244	2644817	42.13	ng	0.00
Target Compounds						
10) Phenol	6.95	94	19683	2.175	ng	# 61
31) Naphthalene	10.60	128	76172	2.882	ng	# 90
37) 2-Methylnaphthalene	12.21	142	161674	8.659	ng	# 98
38) 1-Methylnaphthalene	12.43	142	97406	5.392	ng	# 99
50) Dimethylphthalate	13.86	163	413902	15.365	ng	# 98

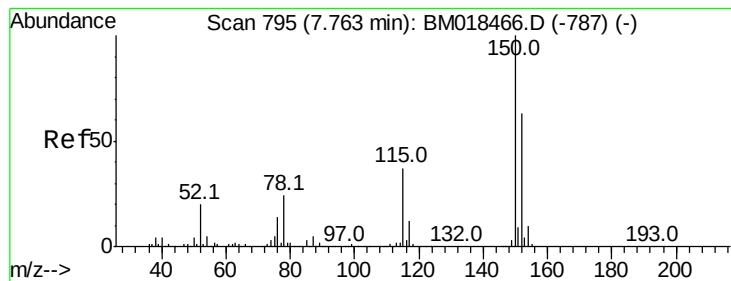
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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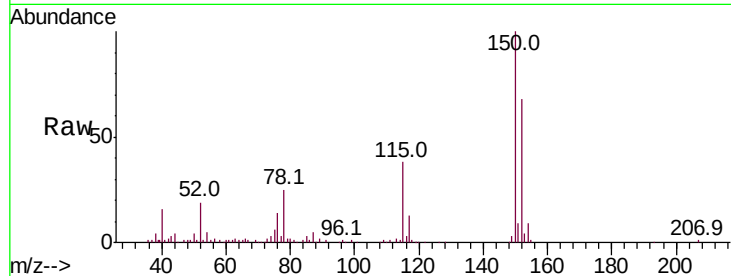


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

Instrument :
BNA_M
ClientSampleId :
DS-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.7	126.9	190.3
115	55.5	45.5	68.3

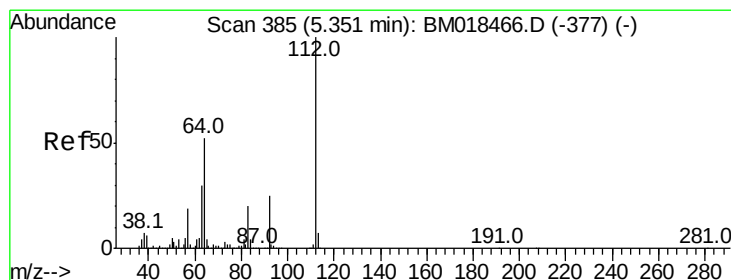
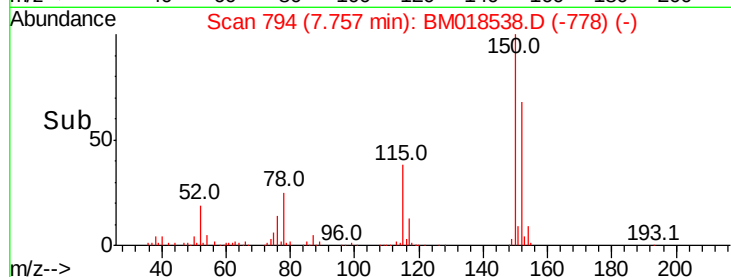
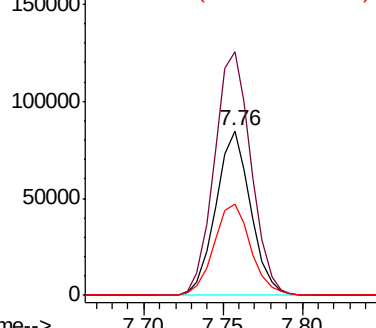


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

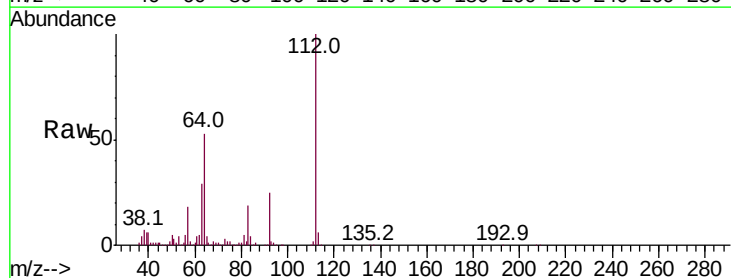
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.092 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.5	69.7
63	29.4	25.2	37.8

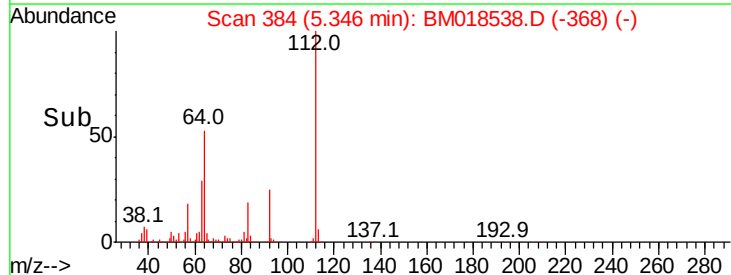
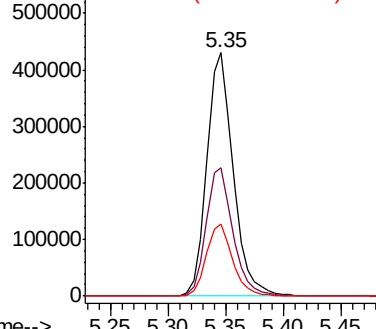


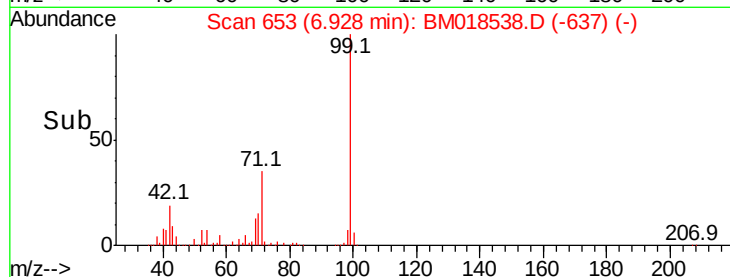
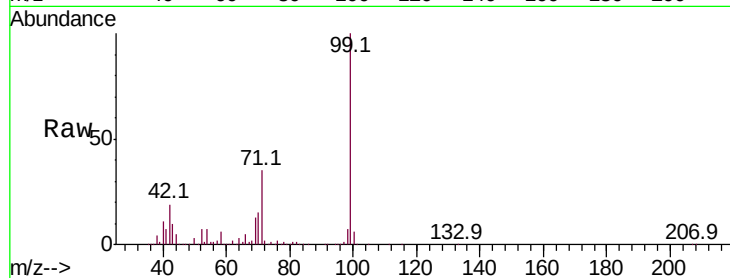
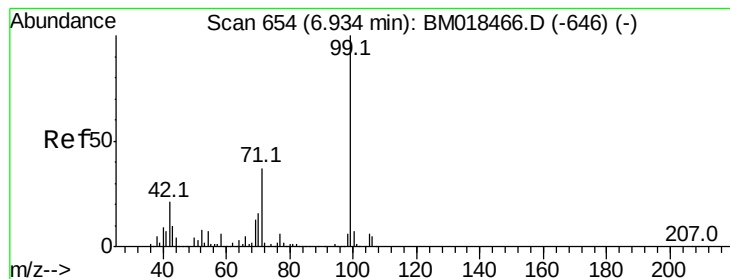
Abundance

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: 102.046 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

Instrument :

BNA_M

ClientSampleId :

DS-B

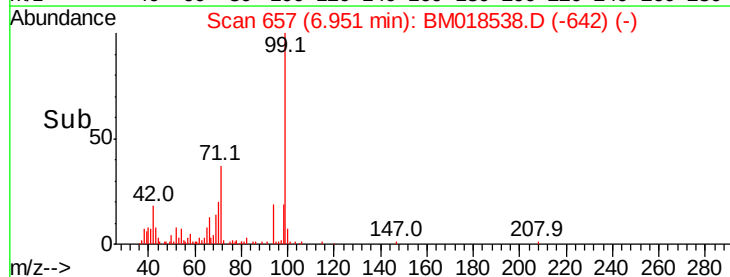
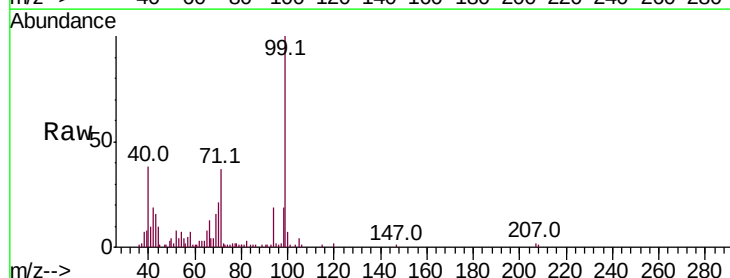
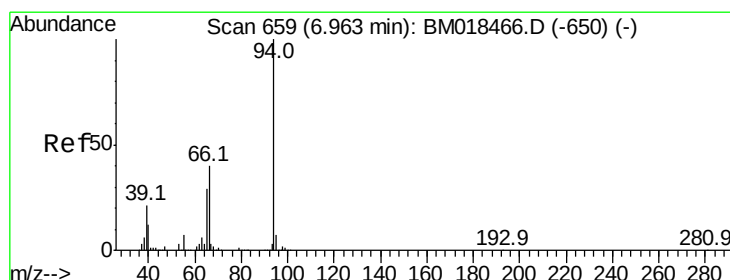
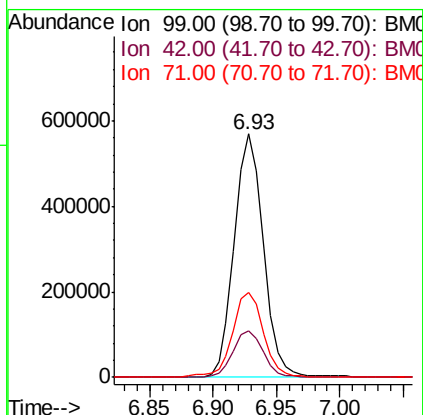
Tot Ion: 99 Resp: 908788

Ion Ratio Lower Upper

99 100

42 19.3 17.3 25.9

71 35.1 28.0 42.0



#10

Phenol

Concen: 2.175 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

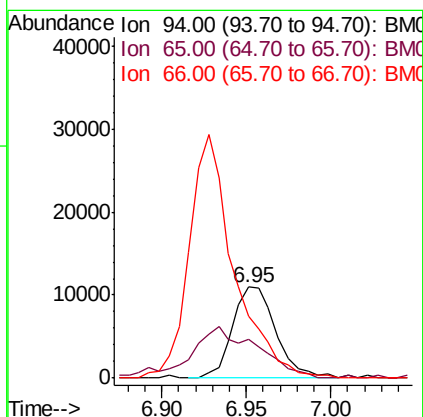
Tgt Ion: 94 Resp: 19683

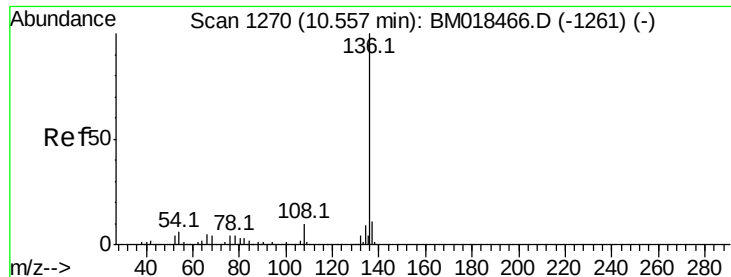
Ion Ratio Lower Upper

94 100

65 43.4 9.4 49.4

66 68.4 19.1 59.1#

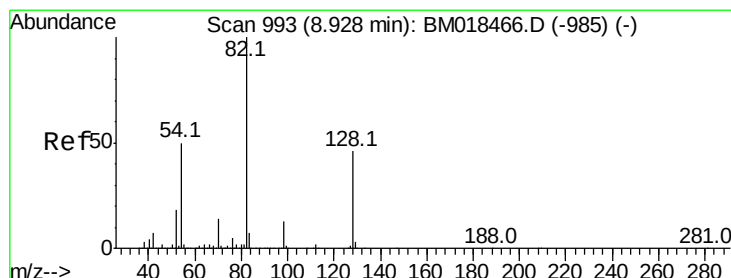
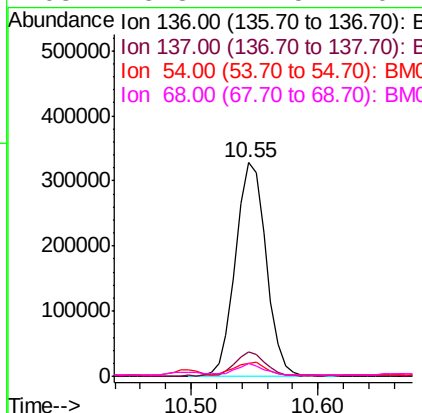
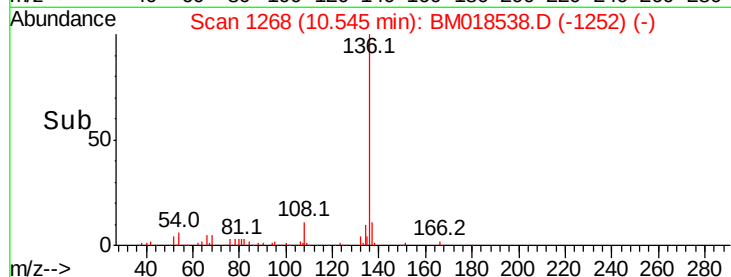
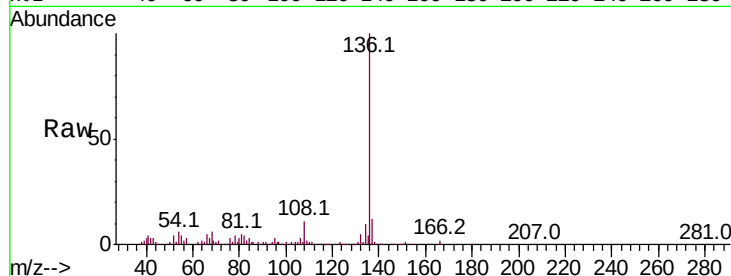




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

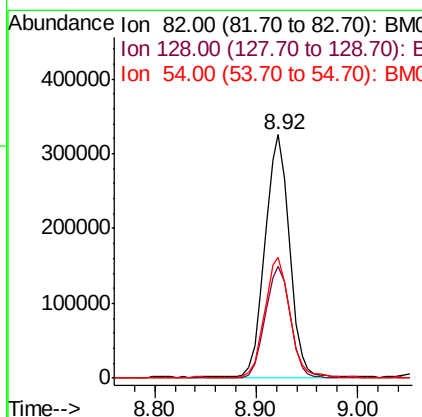
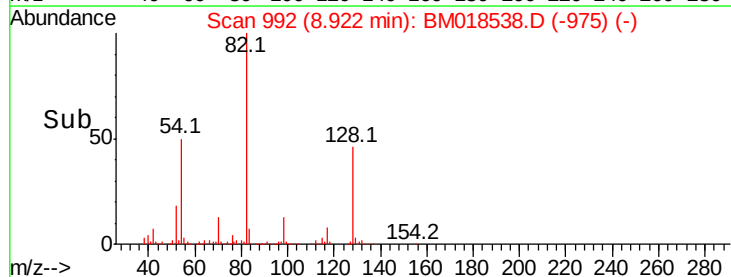
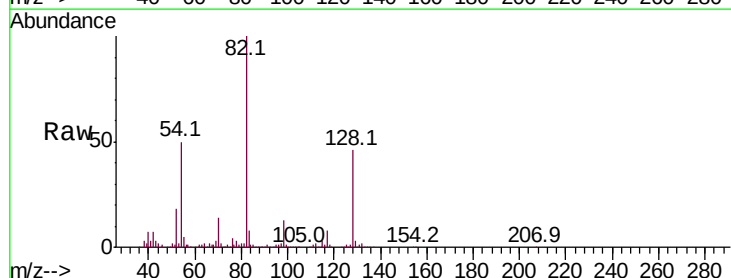
Instrument :
BNA_M
ClientSampleId :
DS-B

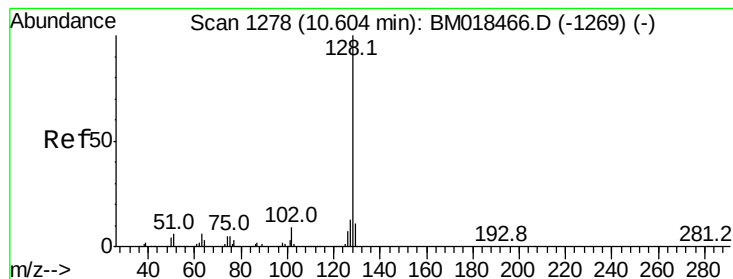
Tot Ion:136	Resp: 548735
Ion Ratio	Lower Upper
136 100	
137 11.6	8.5 12.7
54 6.1	6.0 9.0
68 5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 57.548 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

Tgt	Ion: 82	Resp:	544732
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	49.8	41.7	62.5





#31

Naphthalene

Concen: 2.882 ng

RT: 10.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

Instrument :

BNA_M

ClientSampleId :

DS-B

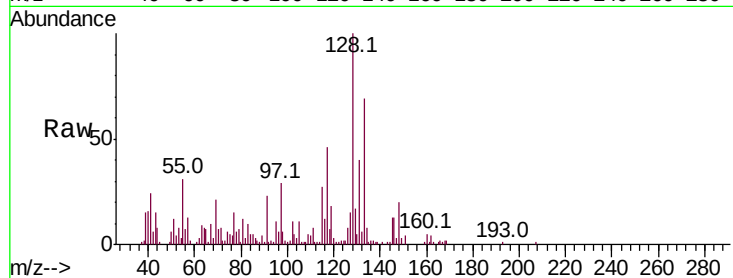
Tot Ion:128 Resp: 76172

Ion Ratio Lower Upper

128 100

129 17.3 8.7 13.1#

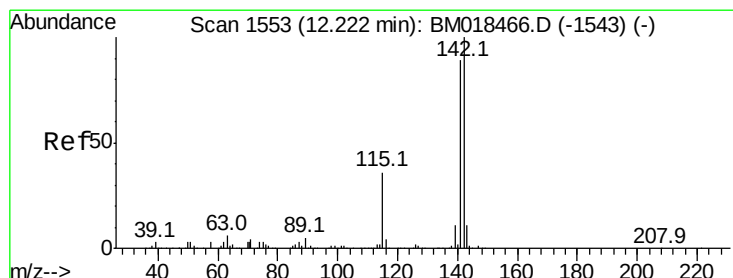
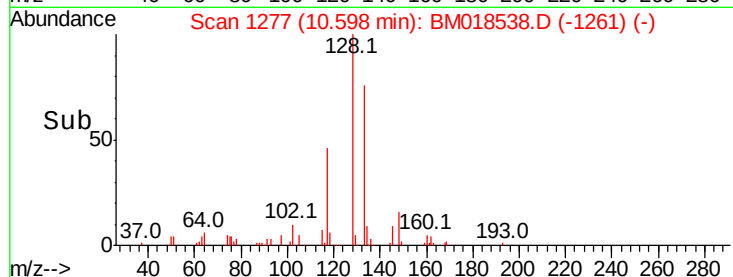
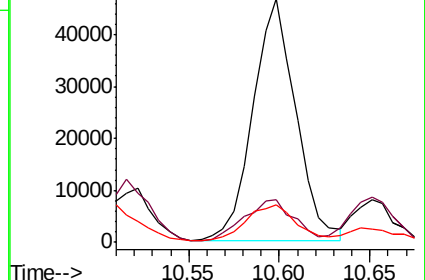
127 15.5 10.8 16.2



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: 8.659 ng

RT: 12.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

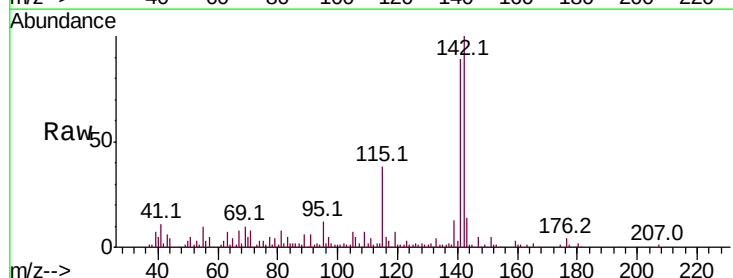
Tgt Ion:142 Resp: 161674

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

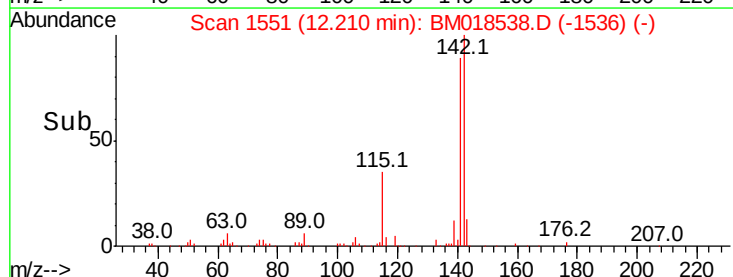
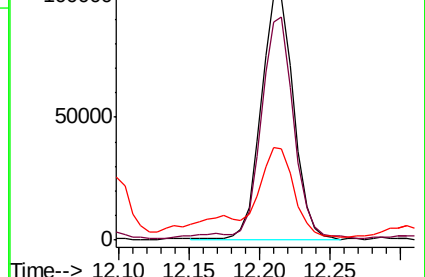
115 38.2 28.0 42.0

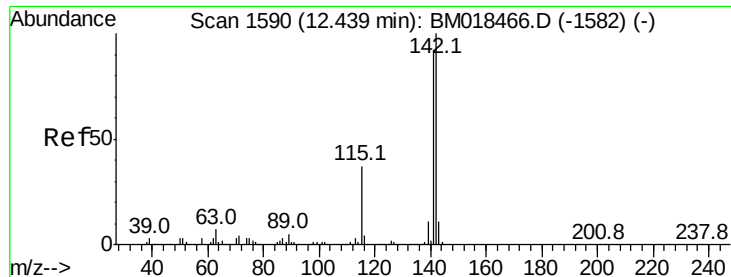


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

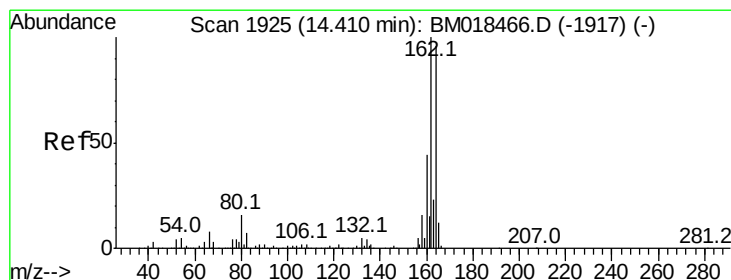
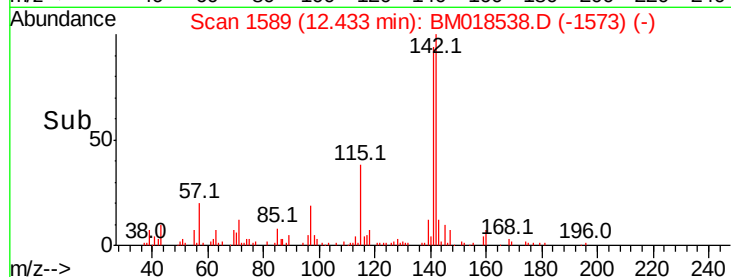
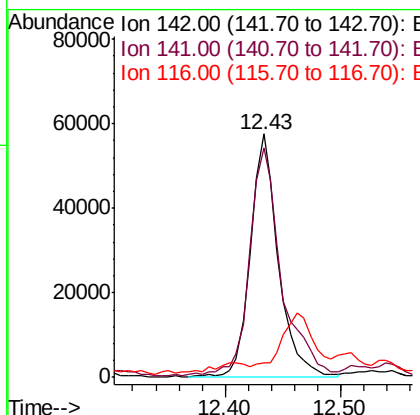
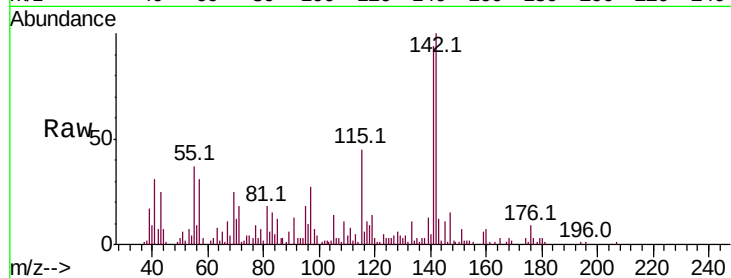




#38
1-Methylnaphthalene
Concen: 5.392 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

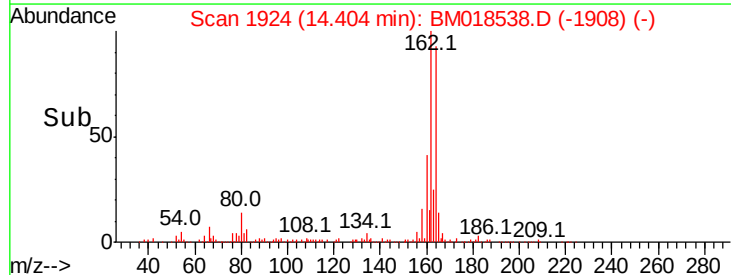
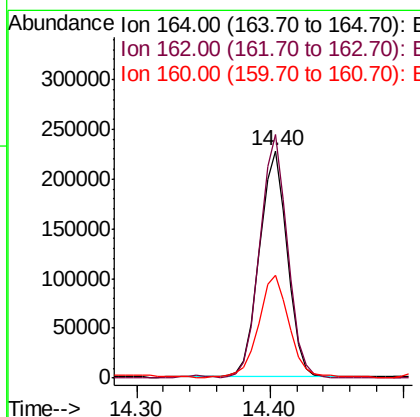
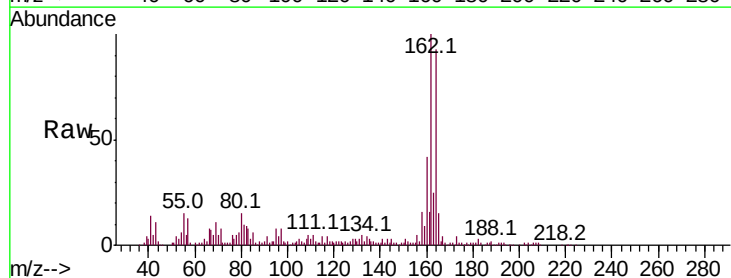
Instrument :
BNA_M
ClientSampleId :
DS-B

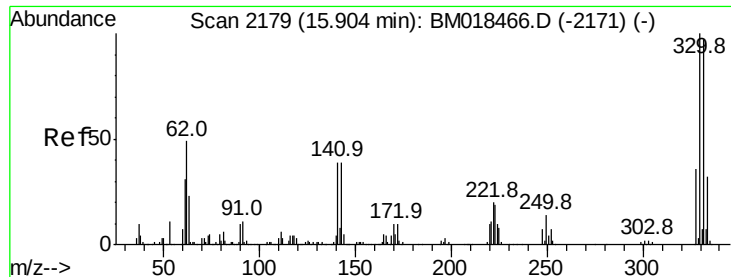
Tot Ion:142 Resp: 97406
Ion Ratio Lower Upper
142 100
141 94.2 75.6 113.4
116 5.8 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018538.D
Acq: 11 Jan 2019 17:21

Tgt Ion:164 Resp: 328012
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.4
160 45.0 37.1 55.7

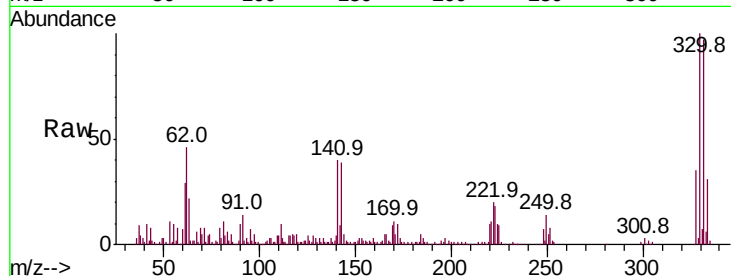




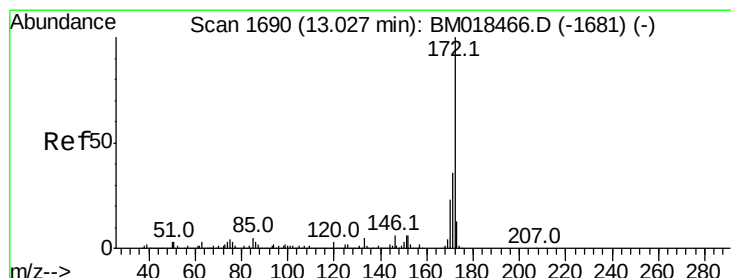
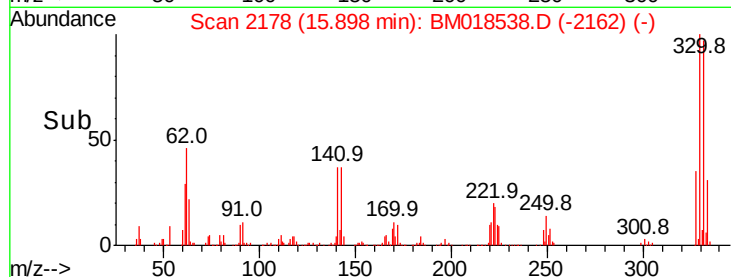
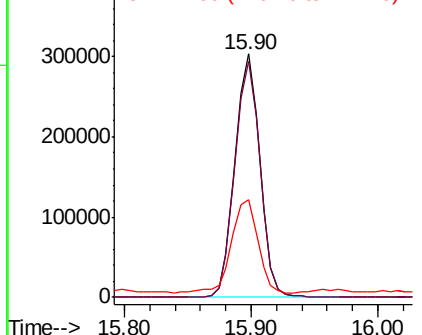
#42
 2,4,6-Tribromophenol
 Concen: 99.007 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018538.D
 Acq: 11 Jan 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

Tot Ion:330 Resp: 413502
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.6 116.4
 141 40.3 31.7 47.5

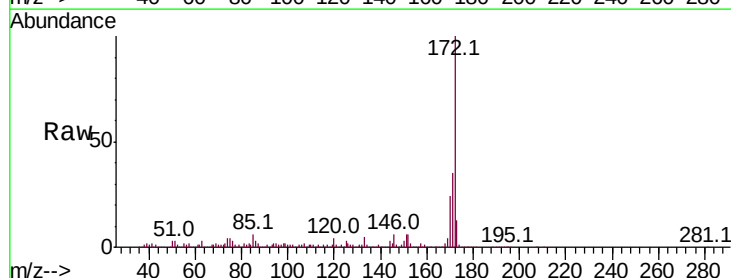


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

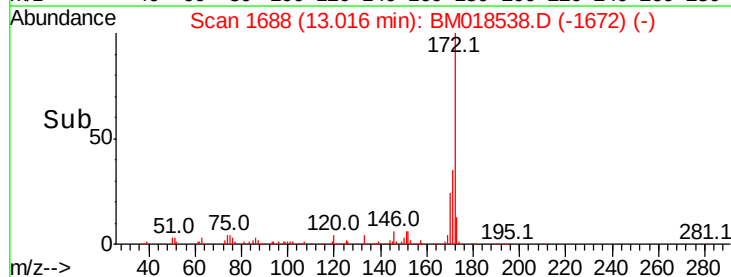
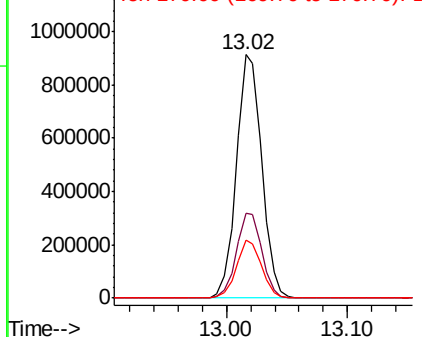


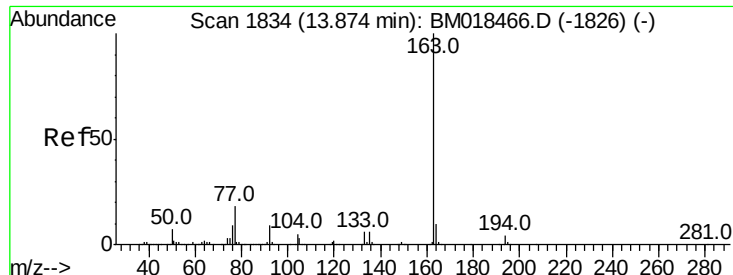
#45
 2-Fluorobiphenyl
 Concen: 53.277 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM018538.D
 Acq: 11 Jan 2019 17:21

Tgt Ion:172 Resp: 1339247
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.4
 170 24.0 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: 15.365 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

Instrument :

BNA_M

ClientSampleId :

DS-B

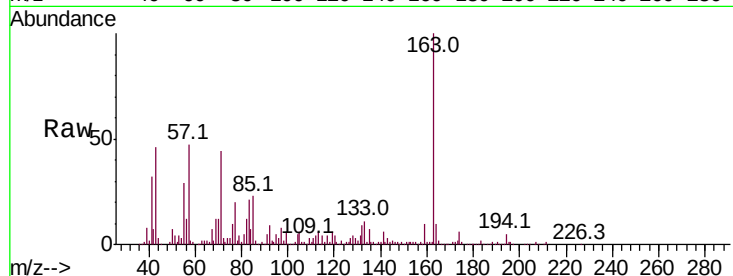
Tot Ion:163 Resp: 413902

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.6#

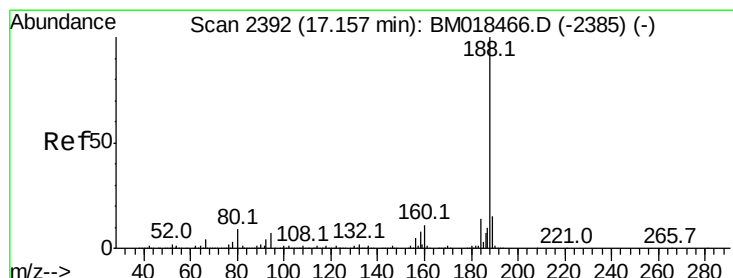
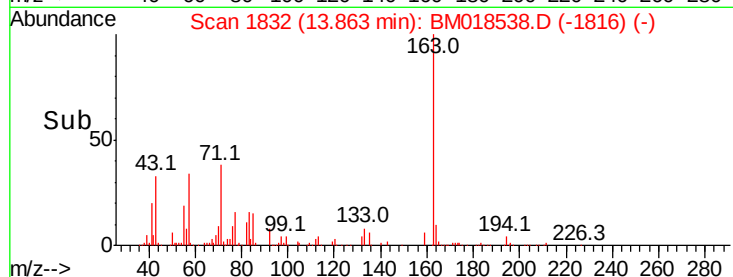
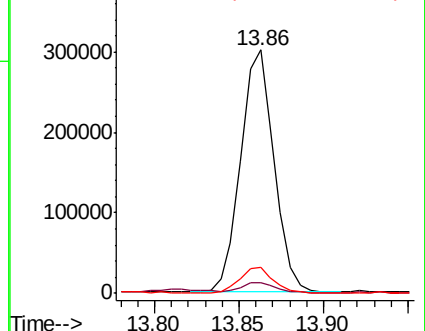
164 10.5 7.8 11.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

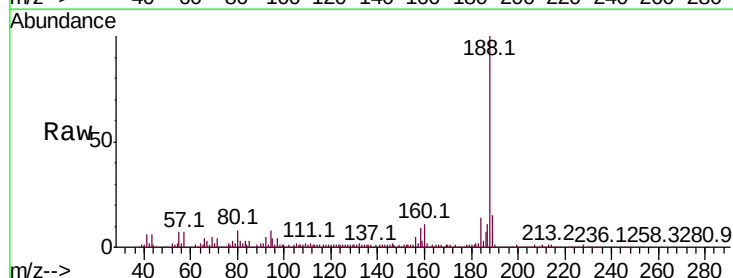
Tgt Ion:188 Resp: 821375

Ion Ratio Lower Upper

188 100

94 7.9 7.1 10.7

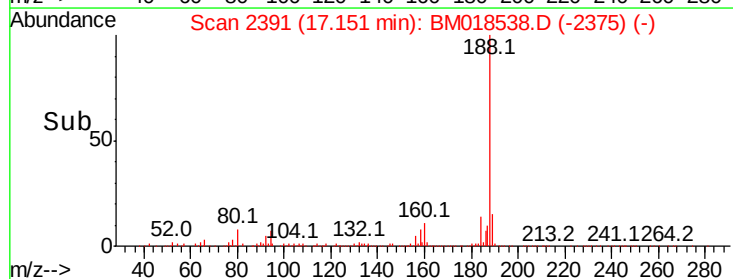
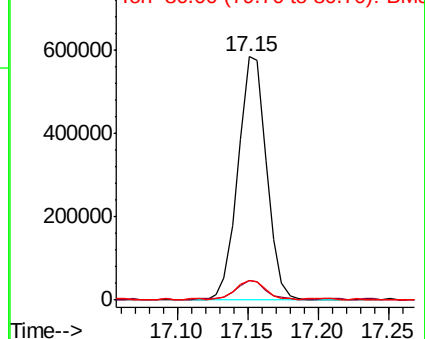
80 8.2 7.6 11.4

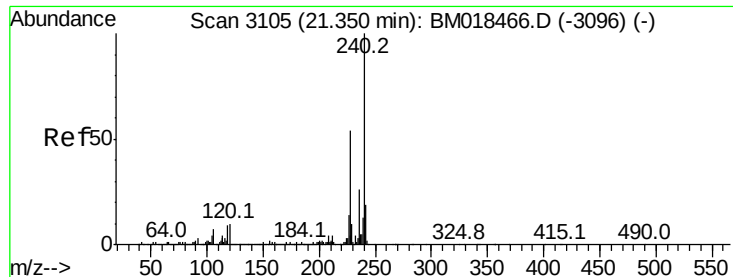


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

Instrument :

BNA_M

ClientSampled :

DS-B

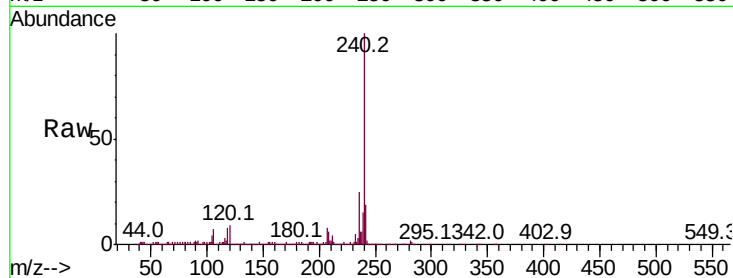
Tot Ion:240 Resp: 1323341

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

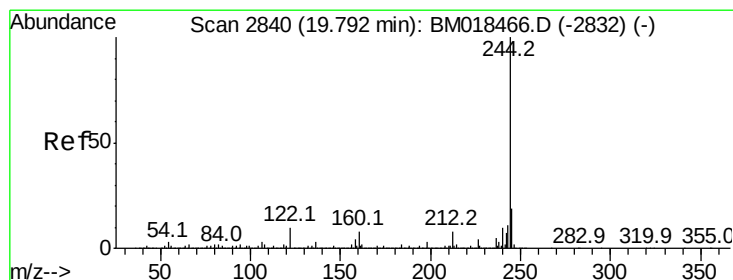
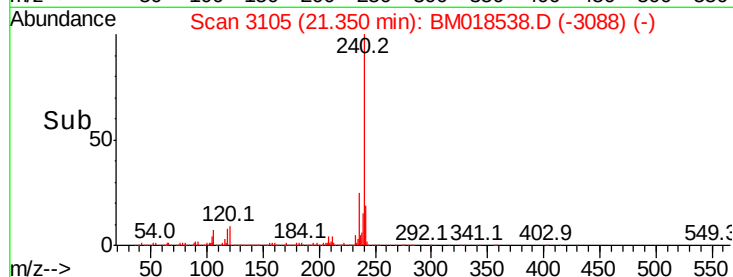
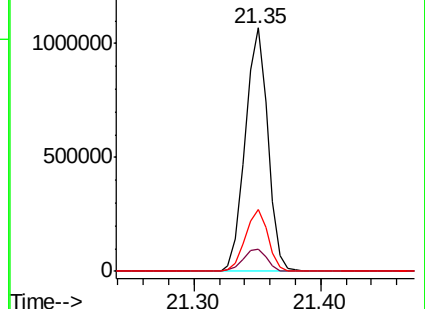
236 25.4 20.7 31.1



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: 42.131 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018538.D

Acq: 11 Jan 2019 17:21

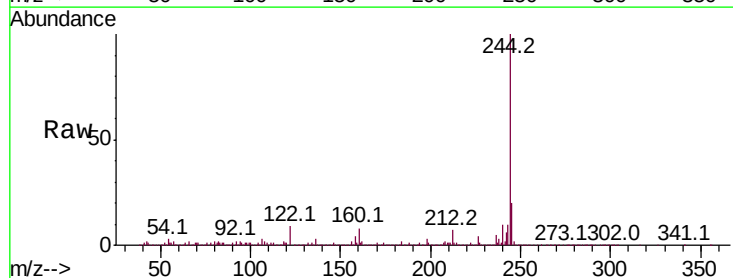
Tgt Ion:244 Resp: 2644817

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

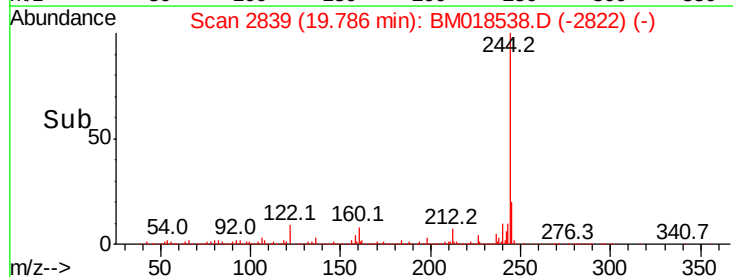
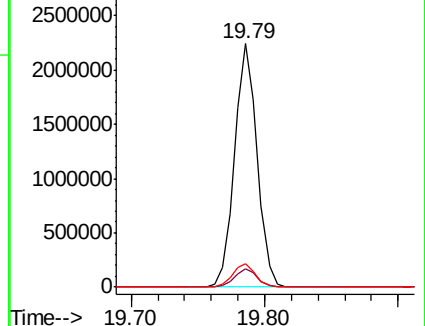
122 9.5 9.0 13.4

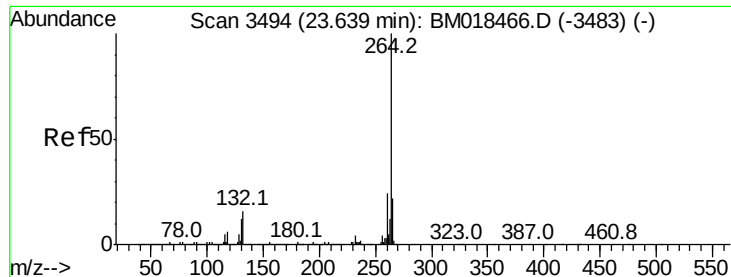


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM018538.D
 Acq: 11 Jan 2019 17:21

Instrument :
 BNA_M
 ClientSampleId :
 DS-B

Tot Ion:264 Resp: 1907532

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	23.2	16.8	25.2

