

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
 Data File : BM018654.D
 Acq On : 25 Jan 2019 16:07
 Operator : JU/SJ
 Sample : K1157-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 16:47:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

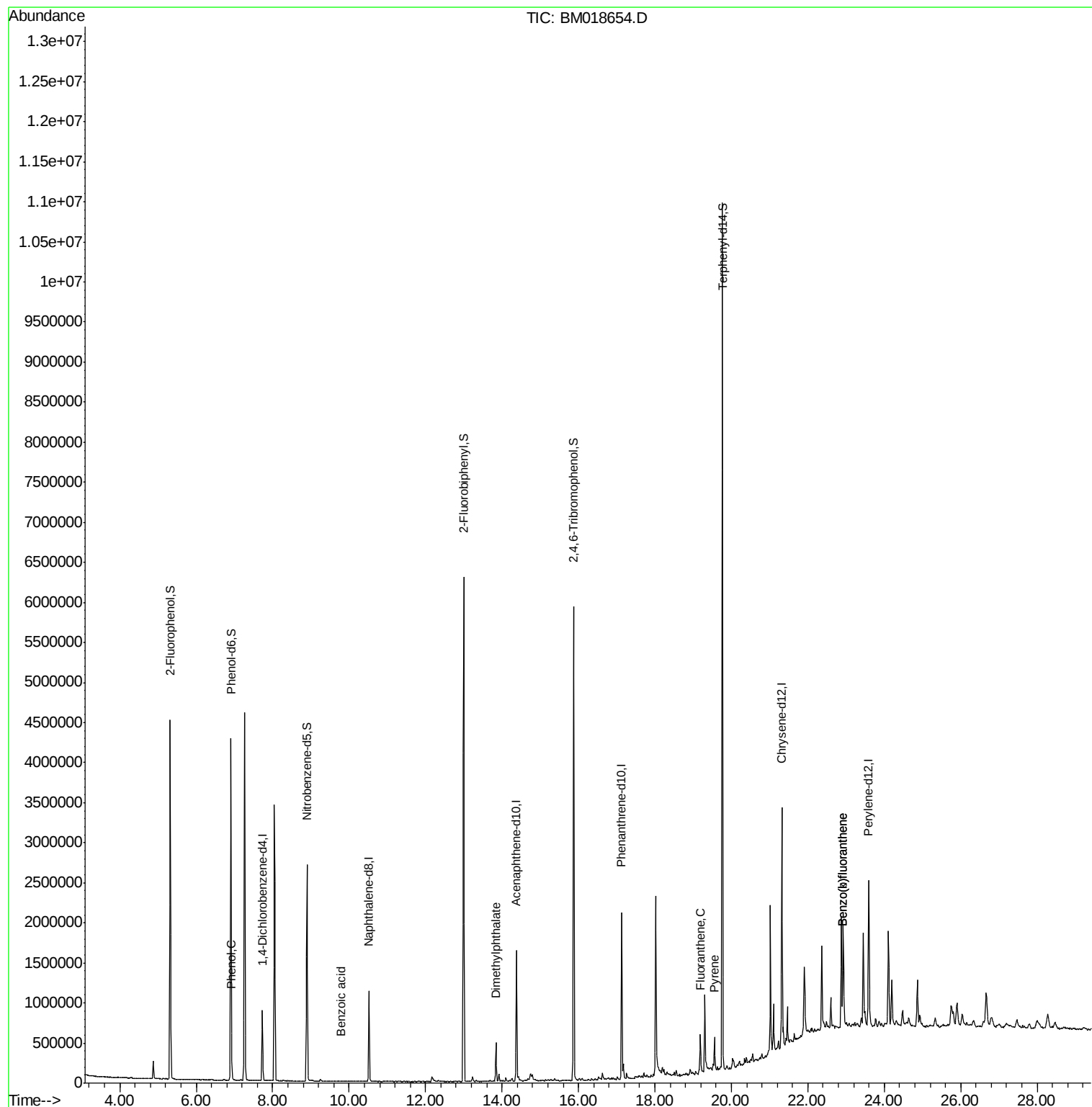
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	242933	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	938445	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	525004	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	1217209	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1328017	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1332611	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1830695	139.15	ng	0.00
7) Phenol-d6	6.91	99	2404641	143.90	ng	0.00
23) Nitrobenzene-d5	8.90	82	1465077	90.50	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1027161	153.66	ng	-0.01
45) 2-Fluorobiphenyl	13.00	172	3276707	81.44	ng	0.00
79) Terphenyl-d14	19.76	244	4899199	77.77	ng	0.00
Target Compounds						
10) Phenol	6.93	94	41050	2.417	ng	92
32) Benzoic acid	9.78	122	557	6.564	ng	# 71
50) Dimethylphthalate	13.84	163	304190	7.055	ng	99
75) Fluoranthene	19.19	202	223432	2.993	ng	98
78) Pyrene	19.56	202	240137	3.051	ng	100
88) Benzo(b)fluoranthene	22.91	252	211293	2.793	ng	# 93
89) Benzo(k)fluoranthene	22.91	252	212297	2.784	ng	# 93

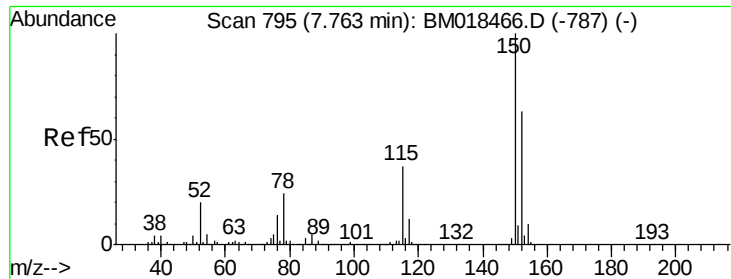
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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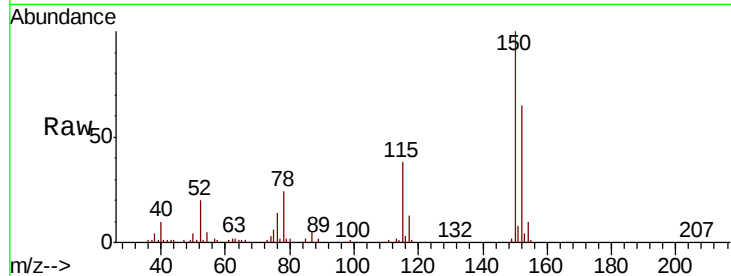


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.9	190.3
115	58.4	45.5	68.3

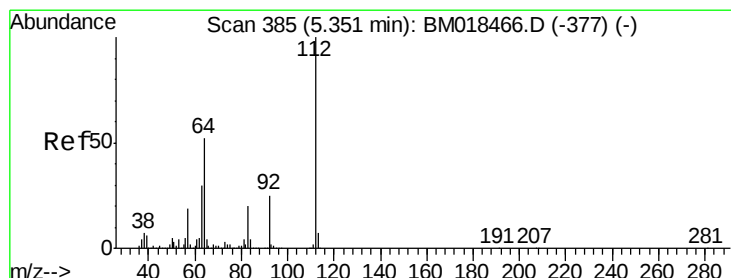
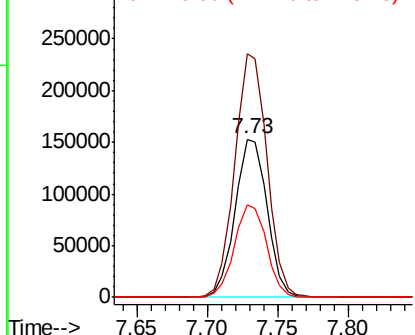
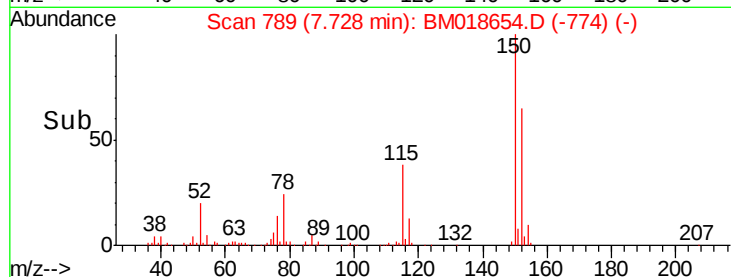


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

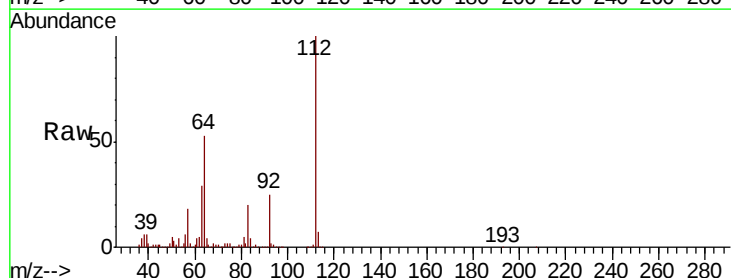
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.148 ng
RT: 5.32 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.5	69.7
63	29.1	25.2	37.8

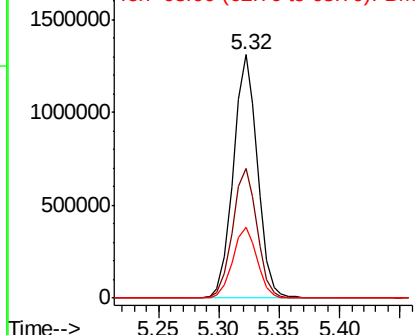
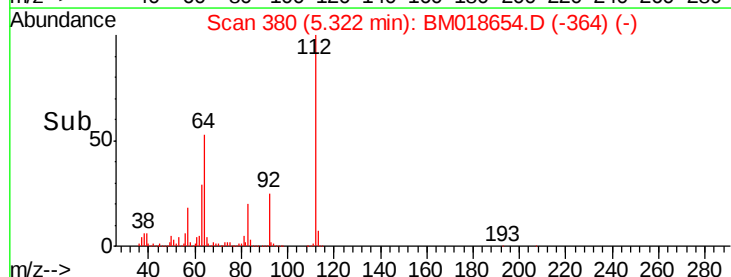


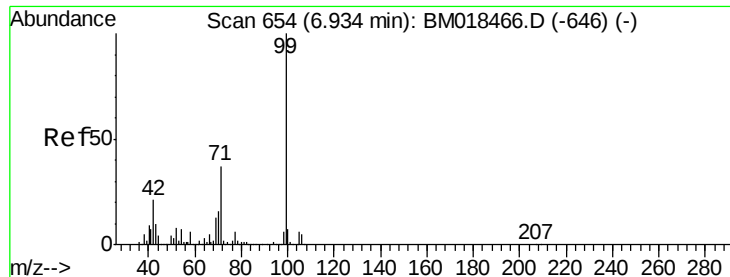
Abundance

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: 143.902 ng

RT: 6.91 min Scan# 650

Delta R.T. 0.00 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

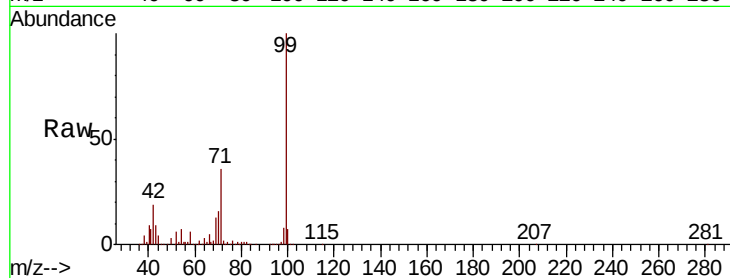
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 2404641

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.3	25.9
71	35.5	28.0	42.0

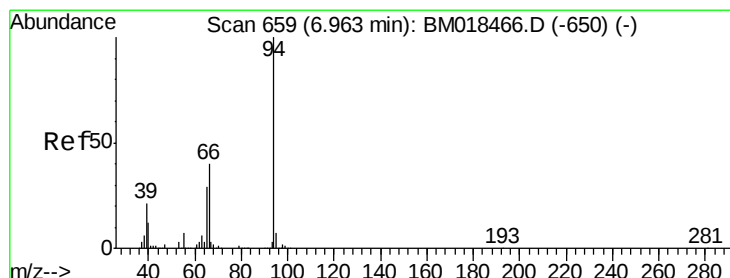
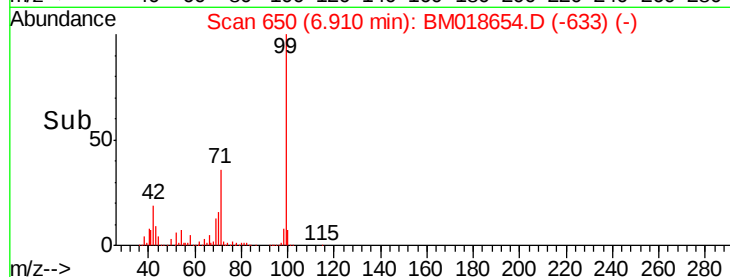
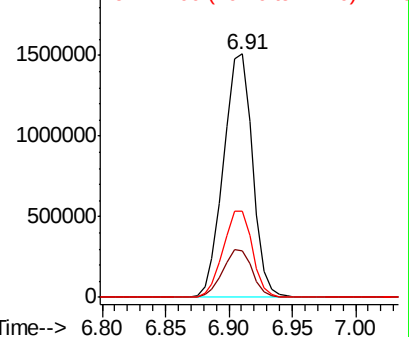


Abundance

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: 2.417 ng

RT: 6.93 min Scan# 654

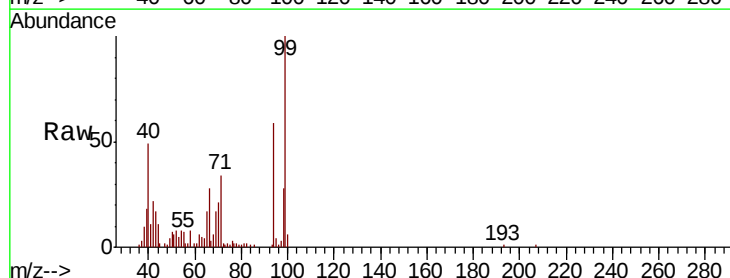
Delta R.T. -0.01 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

Tgt Ion: 94 Resp: 41050

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.4	49.4
66	48.1	19.1	59.1

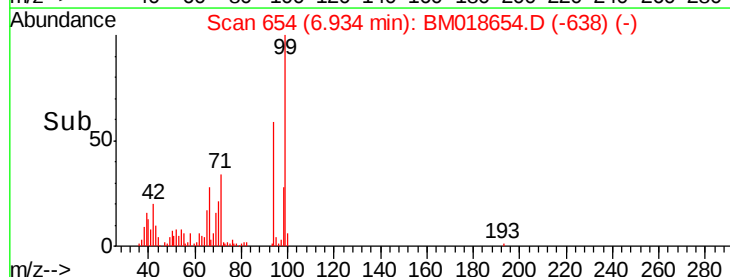
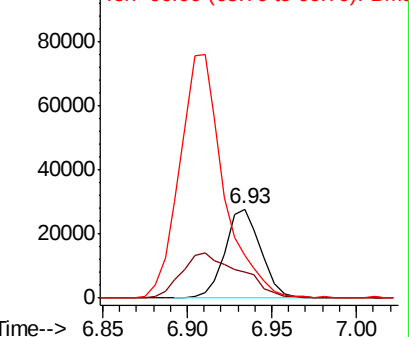


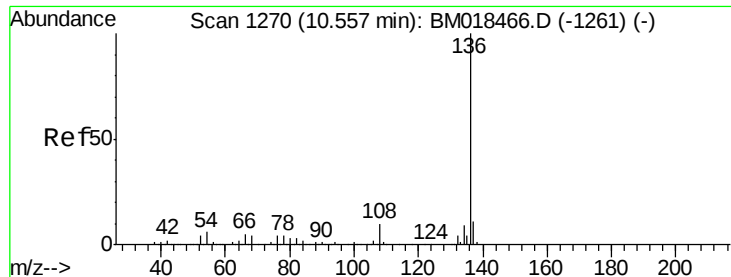
Abundance

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: 10.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 938445

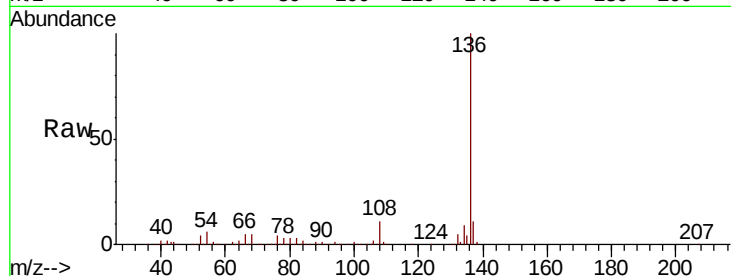
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 6.0 9.0

68 4.5 4.5 6.7

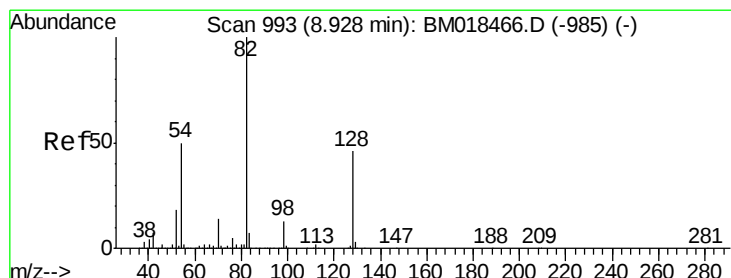
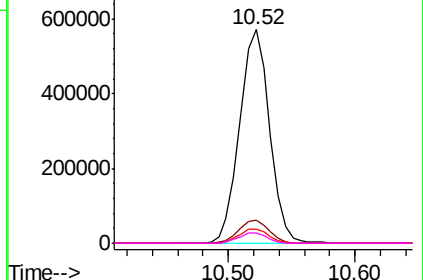
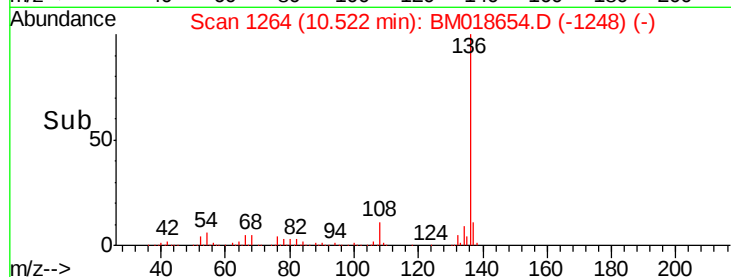


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.503 ng

RT: 8.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

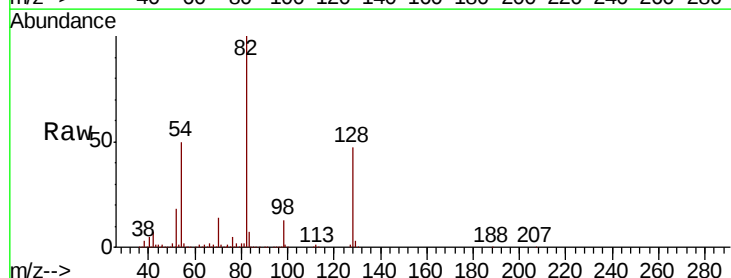
Tgt Ion: 82 Resp: 1465077

Ion Ratio Lower Upper

82 100

128 46.7 36.3 54.5

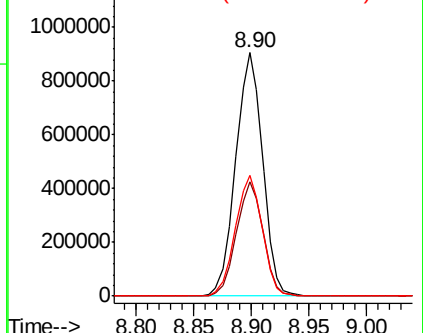
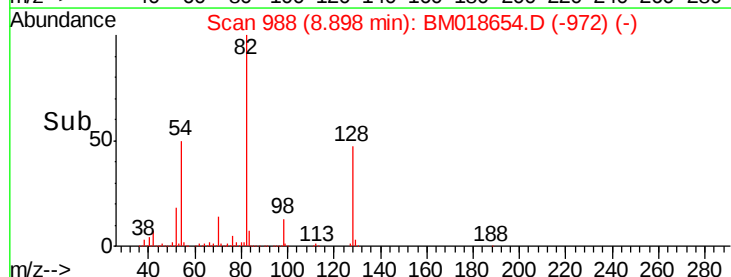
54 49.7 41.7 62.5

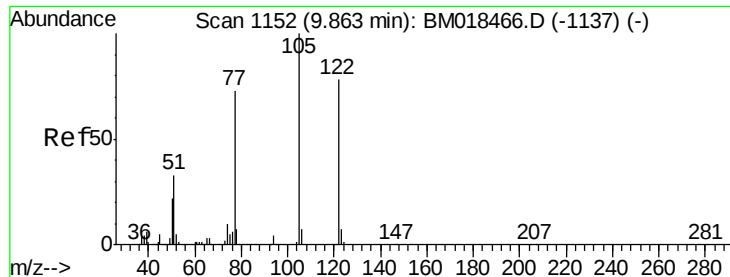


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

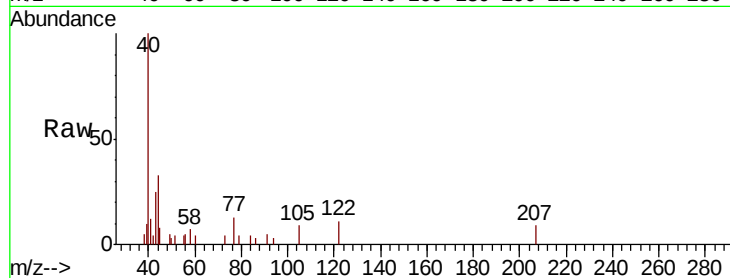




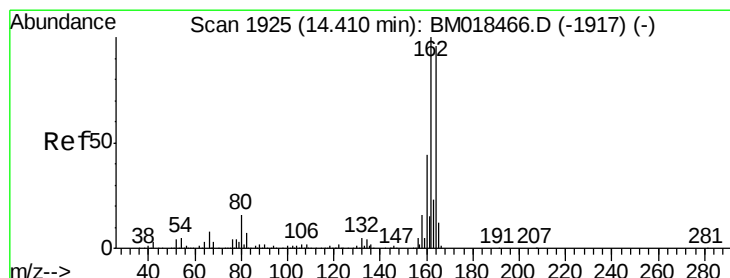
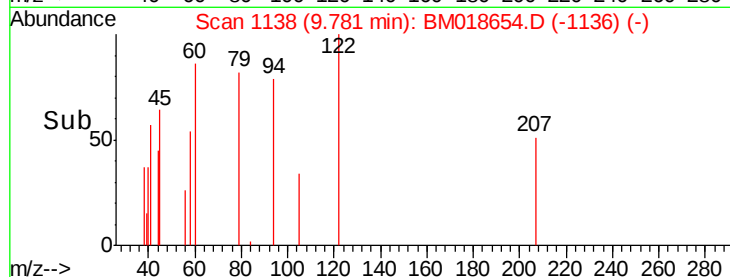
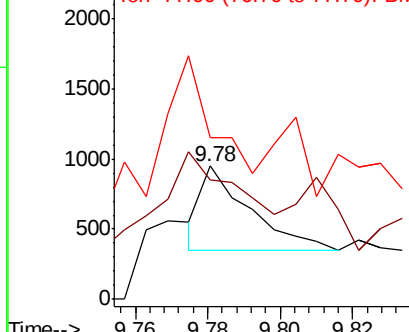
#32
Benzoic acid
Concen: 6.564 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 557
Ion Ratio Lower Upper
122 100
105 89.4 100.4 140.4#
77 121.3 71.7 111.7#

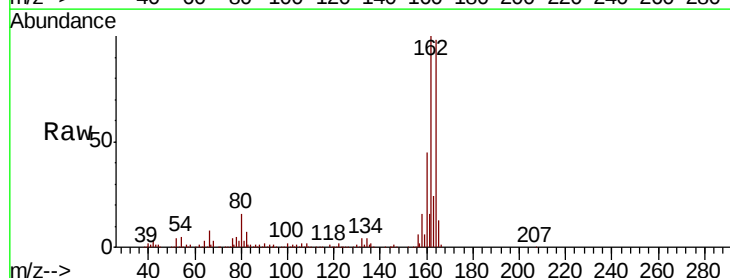


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

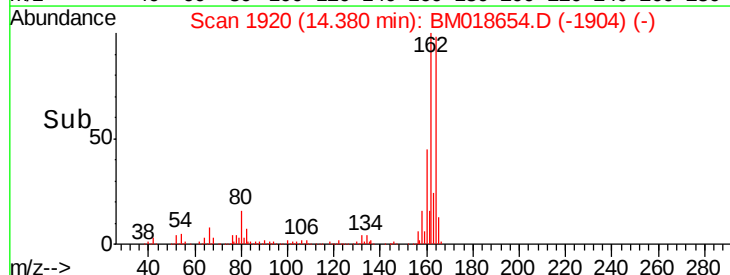
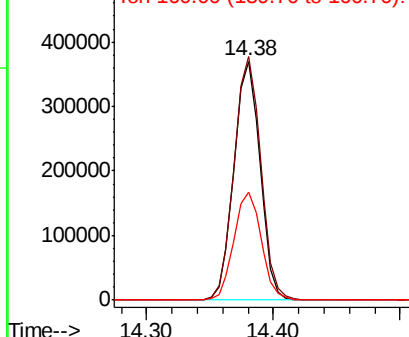


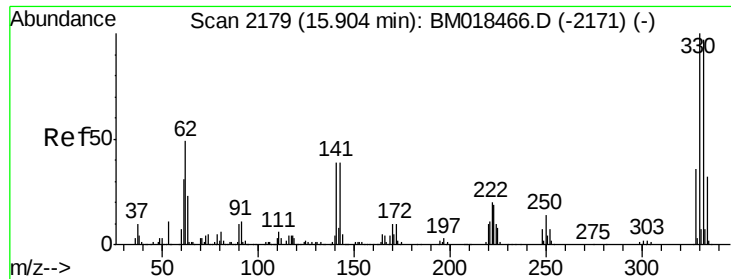
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Tgt Ion:164 Resp: 525004
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.4
160 45.4 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

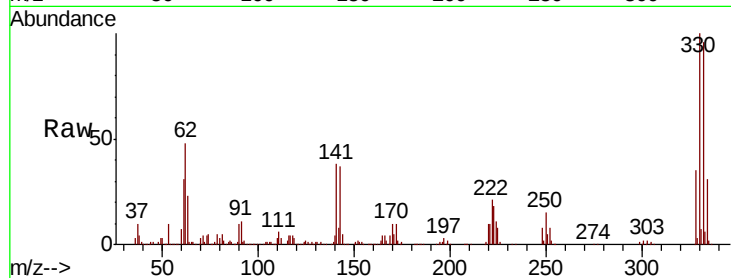




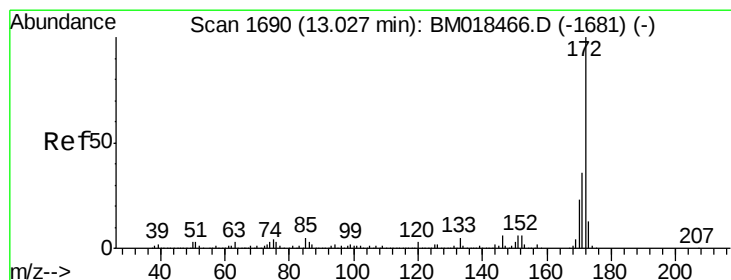
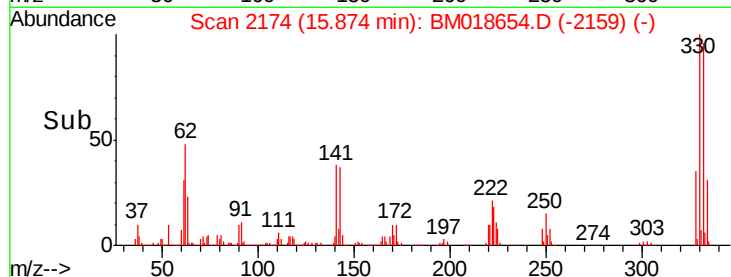
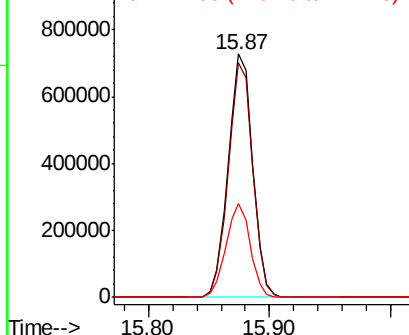
#42
 2,4,6-Tribromophenol
 Concen: 153.657 ng
 RT: 15.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BM018654.D
 Acq: 25 Jan 2019 16:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 1027161
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 38.3 31.7 47.5

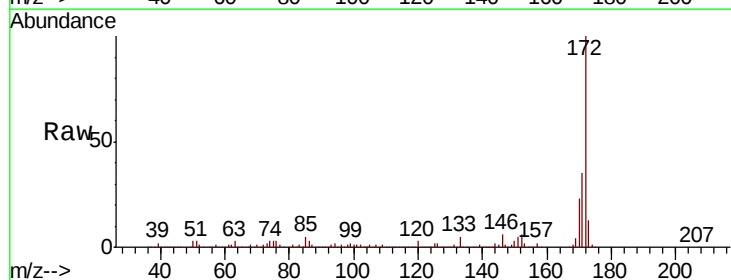


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

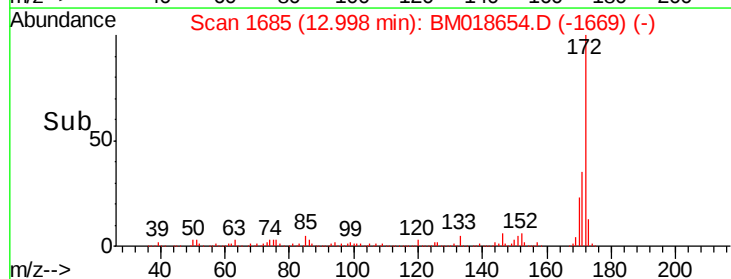
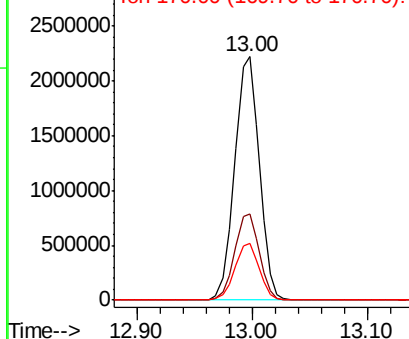


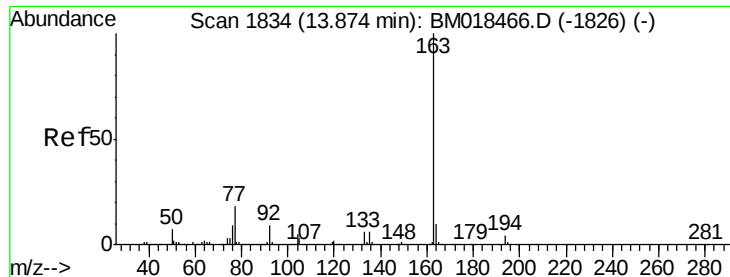
#45
 2-Fluorobiphenyl
 Concen: 81.440 ng
 RT: 13.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BM018654.D
 Acq: 25 Jan 2019 16:07

Tgt Ion:172 Resp: 3276707
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.2 42.4
 170 23.3 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: 7.055 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

Instrument :

BNA_G

ClientSampled :

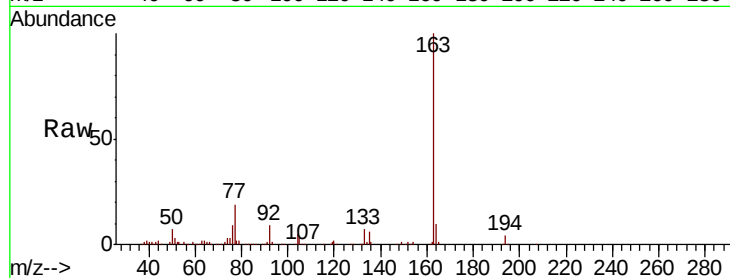
Tot Ion:163 Resp: 304190

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

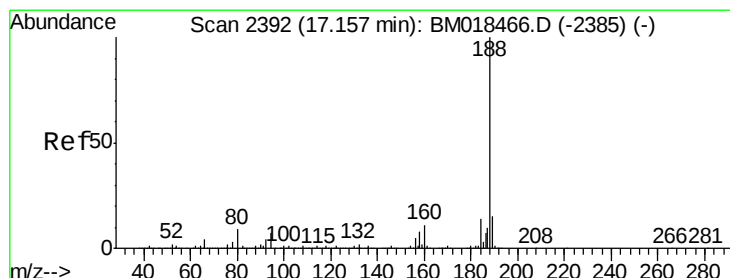
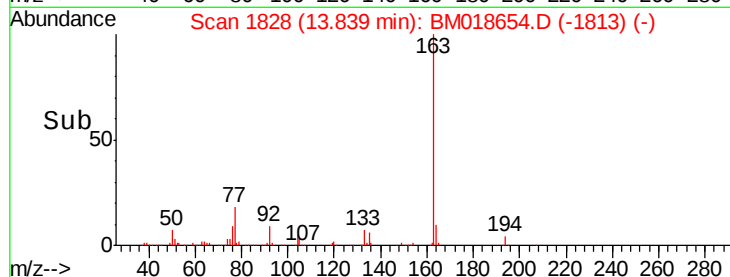
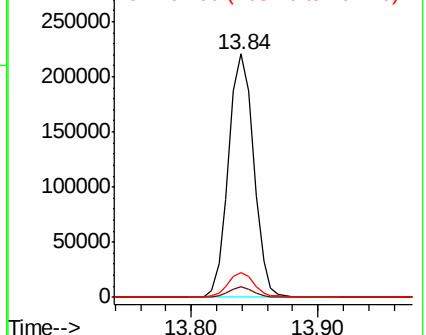
164 10.2 7.8 11.8



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: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

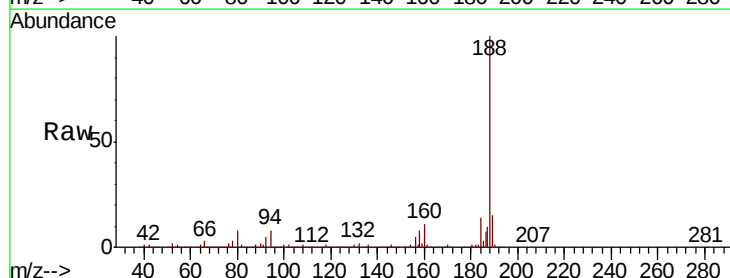
Tgt Ion:188 Resp: 1217209

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

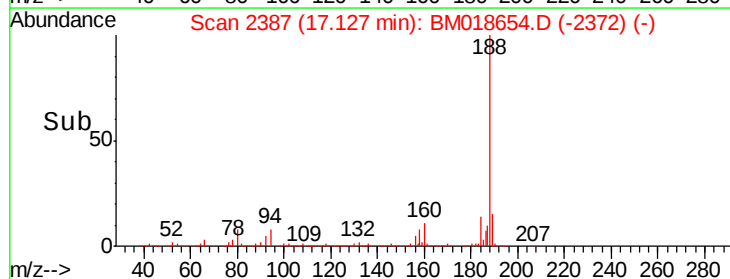
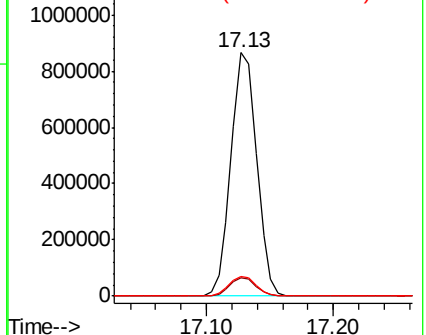
80 8.0 7.6 11.4

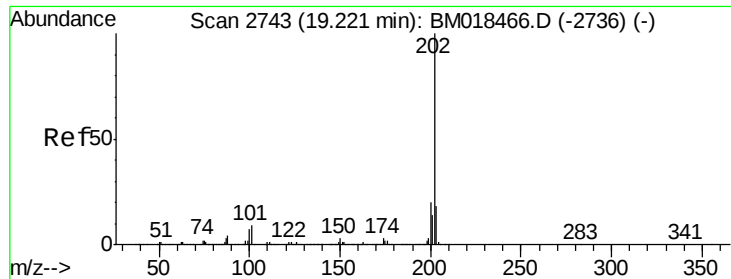


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.993 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018654.D

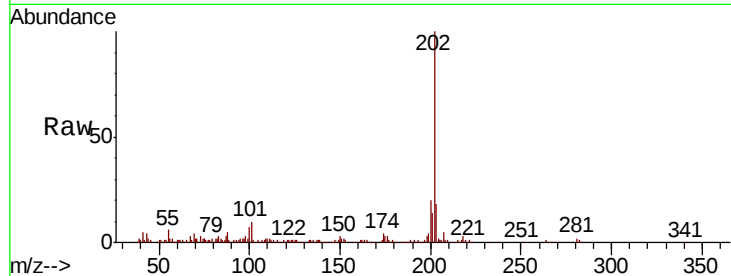
Acq: 25 Jan 2019 16:07

Instrument :

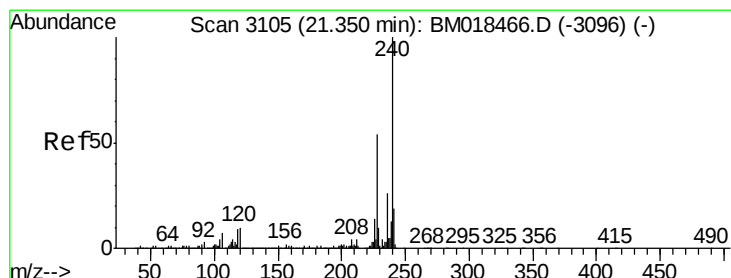
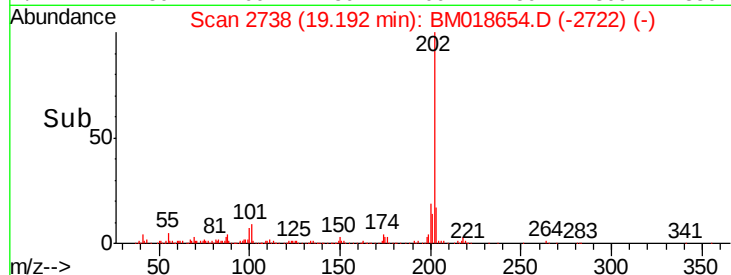
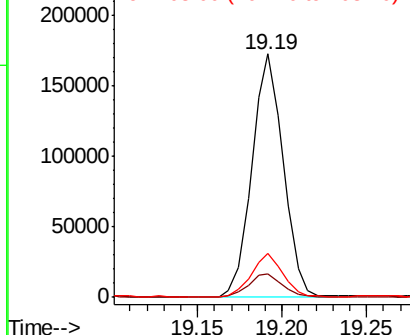
BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	223432
Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.9
203	17.8	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

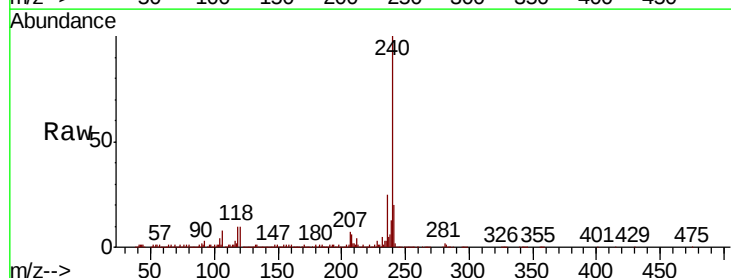
RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

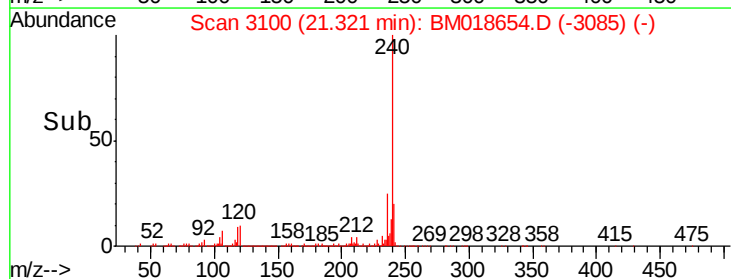
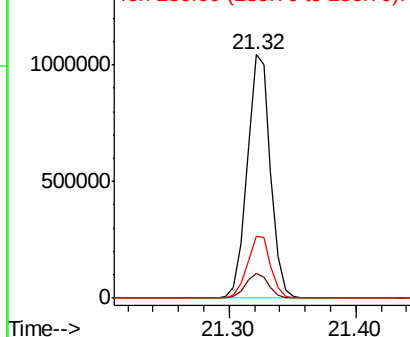
Lab File: BM018654.D

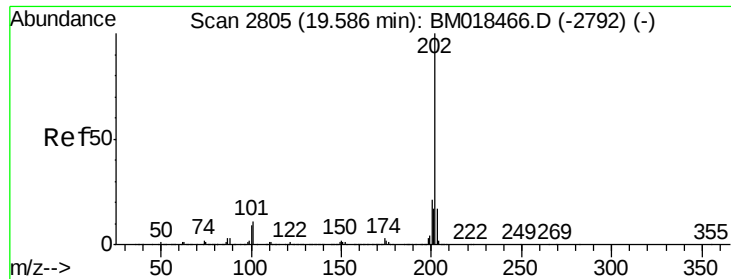
Acq: 25 Jan 2019 16:07

Tgt Ion:	240	Resp:	1328017
Ion	Ratio	Lower	Upper
240	100		
120	10.2	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

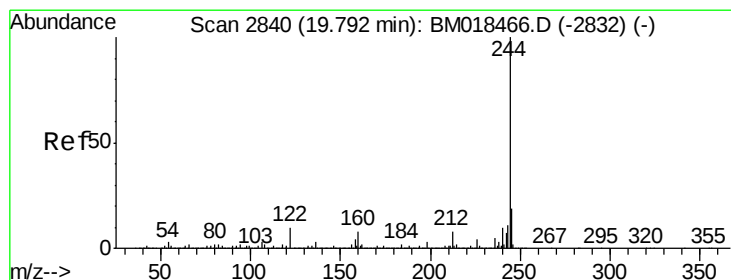
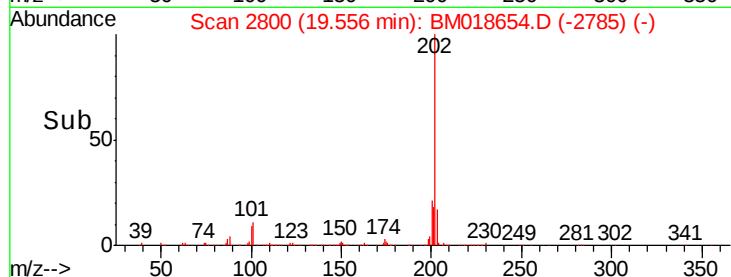
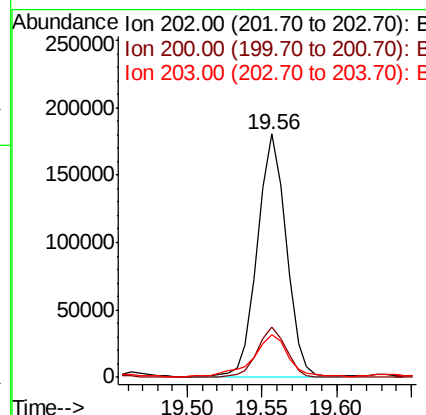
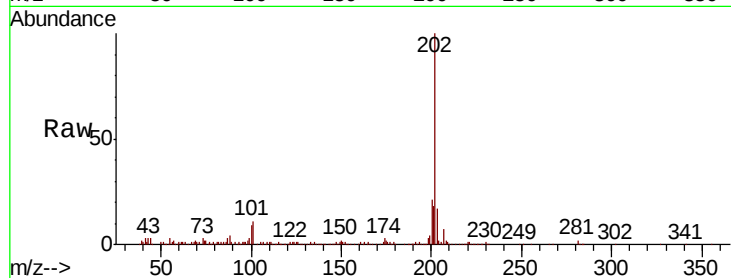




#78
Pvrene
Concen: 3.051 ng
RT: 19.56 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

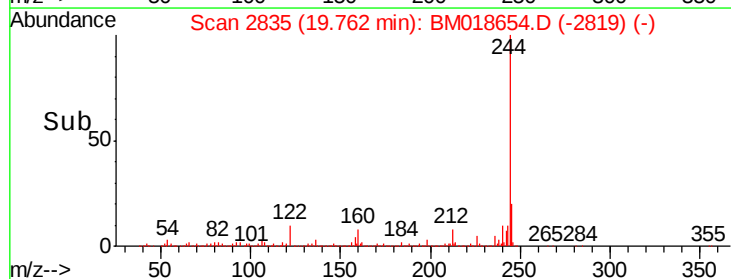
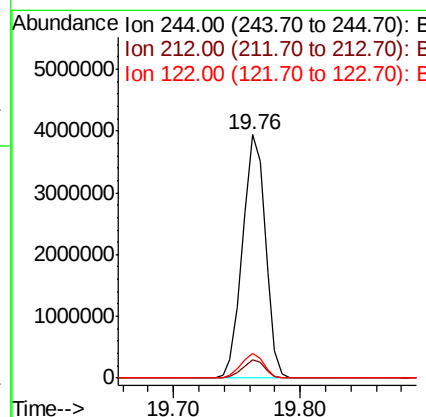
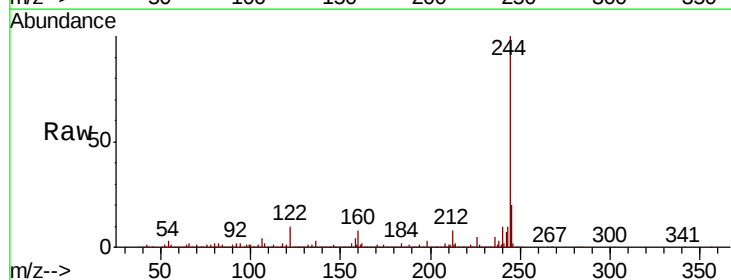
Instrument :
BNA_G
ClientSampleId :

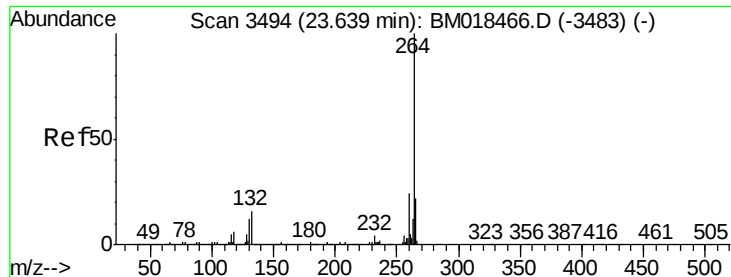
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	17.5	13.8	20.8



#79
Terphenyl-d14
Concen: 77.768 ng
RT: 19.76 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.1	9.0	13.4



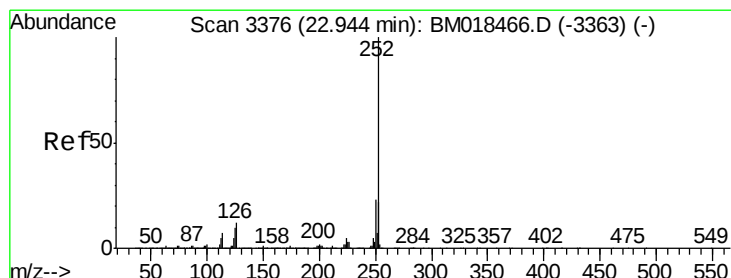
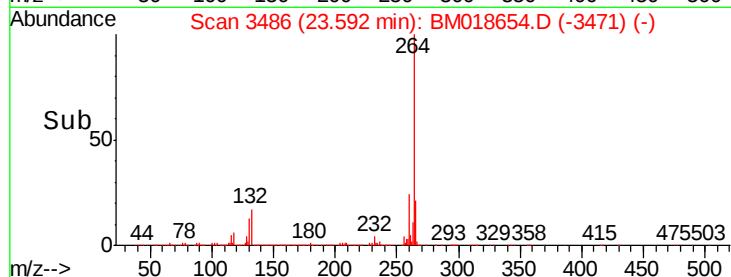
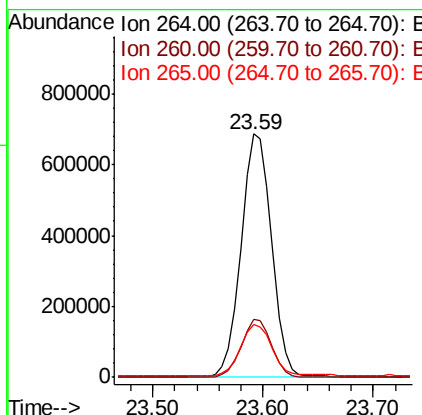
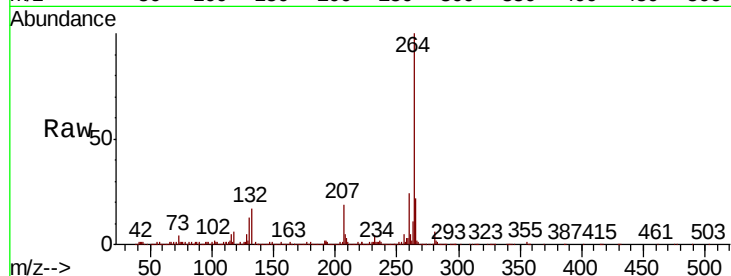


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3486
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1332611

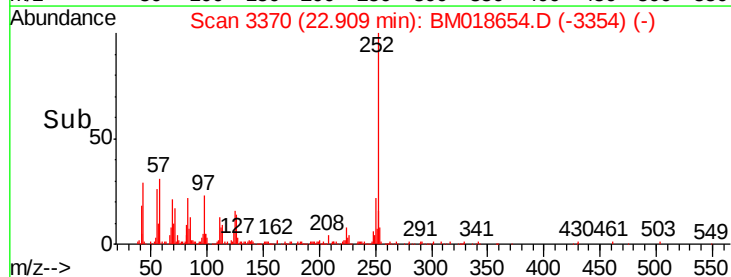
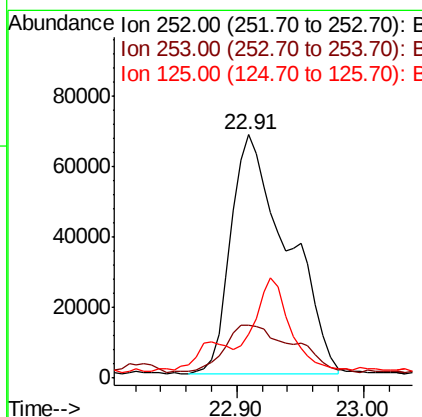
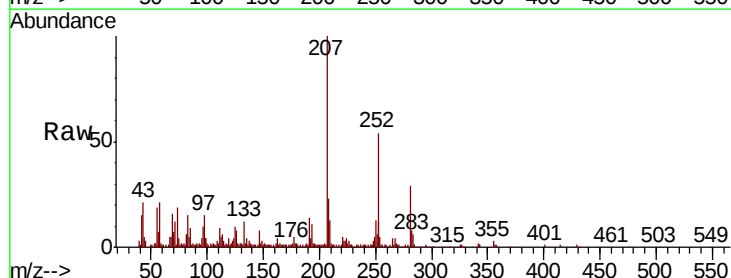
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	16.8	25.2

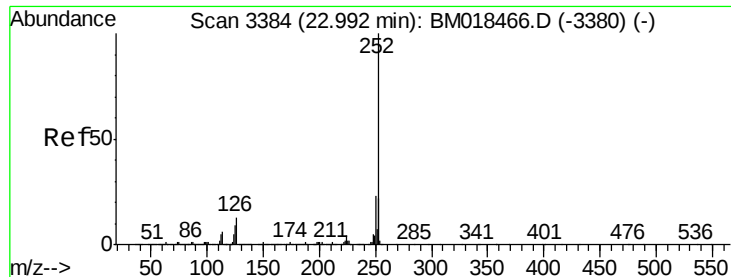


#88
Benzo(b)fluoranthene
Concen: 2.793 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM018654.D
Acq: 25 Jan 2019 16:07

Tgt Ion:252 Resp: 211293

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	18.0	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 2.784 ng

RT: 22.91 min Scan# 3370

Delta R.T. -0.05 min

Lab File: BM018654.D

Acq: 25 Jan 2019 16:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 212297

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 18.0 8.6 12.8

