

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018355.D
 Acq On : 21 Dec 2018 11:53
 Operator : JU/SJ
 Sample : J6389-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-1218-01

Quant Time: Dec 21 13:04:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

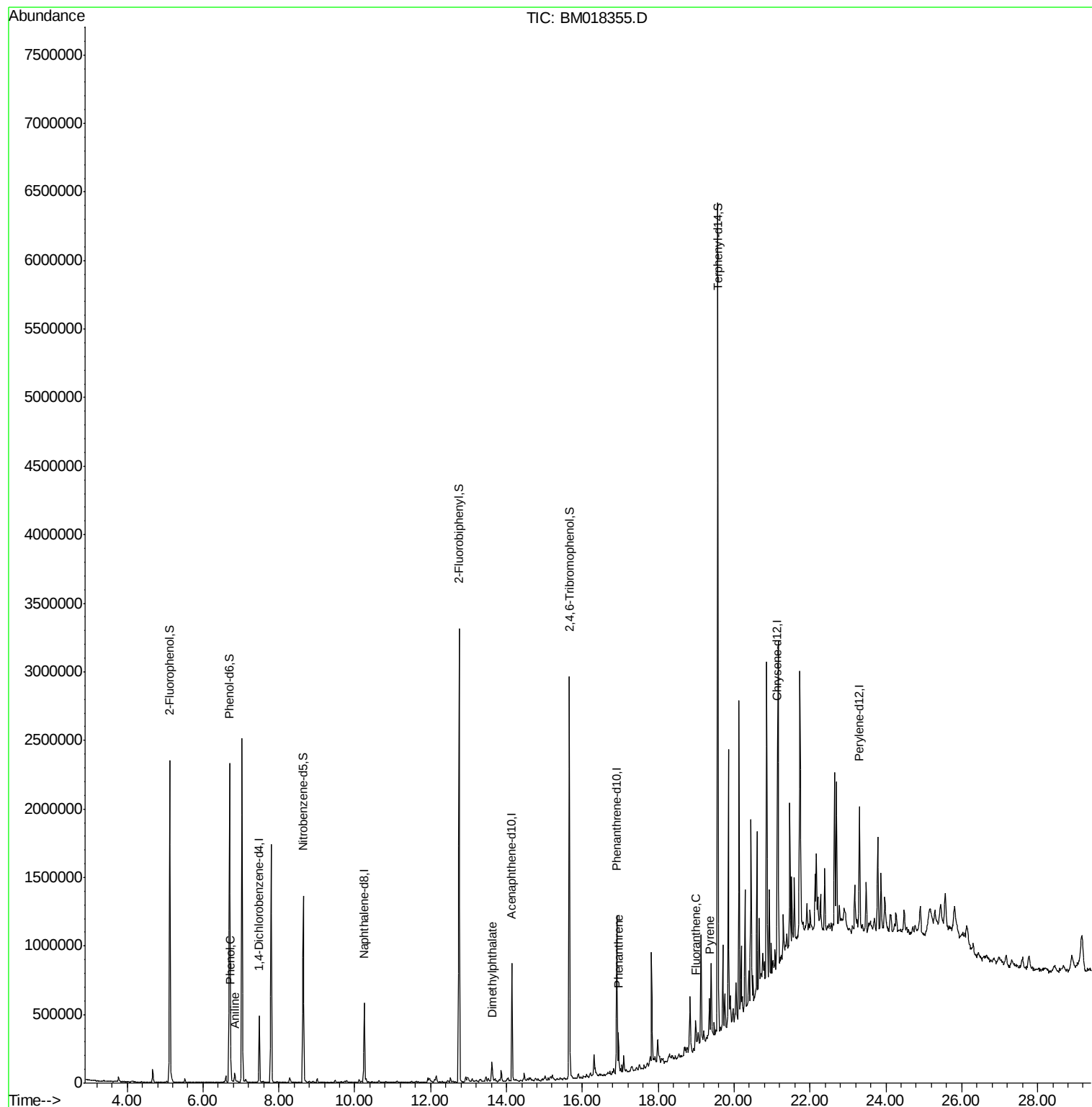
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	116161	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	456488	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	264413	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	604418	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	653886	20.00	ng	0.00
87) Perylene-d12	23.30	264	561648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	913233	131.33	ng	0.00
7) Phenol-d6	6.70	99	1258645	130.23	ng	0.00
23) Nitrobenzene-d5	8.65	82	810209	91.04	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	488862	125.97	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	1543053	75.59	ng	-0.02
79) Terphenyl-d14	19.57	244	2428609	84.00	ng	0.00
Target Compounds						
6) Aniline	6.84	93	45536	3.756	ng	91
10) Phenol	6.73	94	104109	10.171	ng	96
50) Dimethylphthalate	13.62	163	77581	3.529	ng	100
71) Phenanthrene	16.95	178	160941	4.902	ng	97
75) Fluoranthene	18.99	202	95113	2.492	ng	96
78) Pyrene	19.36	202	162991	4.183	ng	99

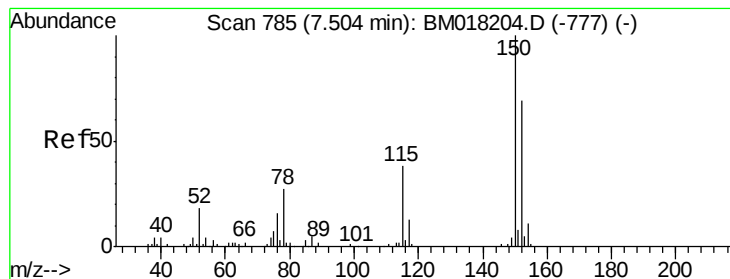
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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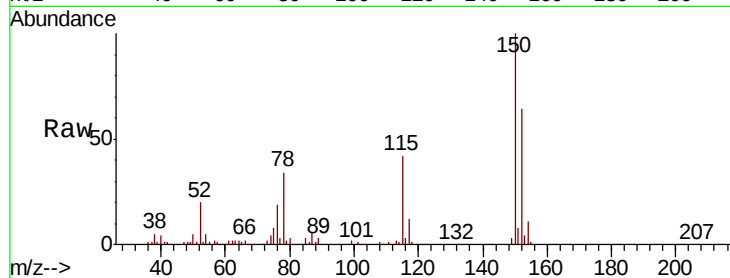


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

Instrument :
BNA_M
ClientSampleId :
P001-SS014-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	116.1	174.1
115	64.9	44.6	67.0

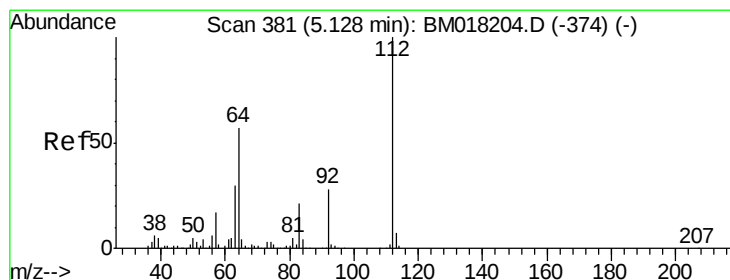
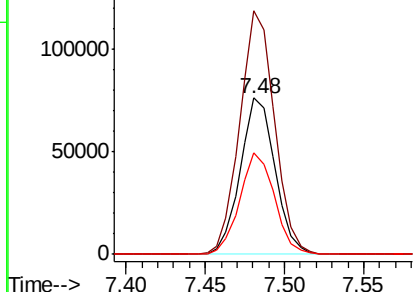
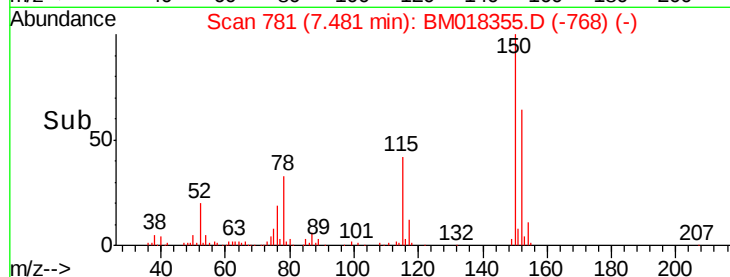


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

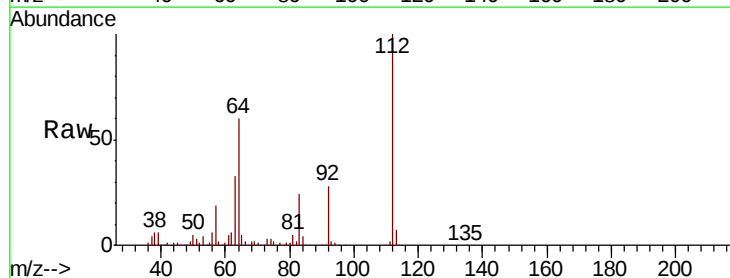
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.330 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	45.4	68.2
63	33.1	24.0	36.0

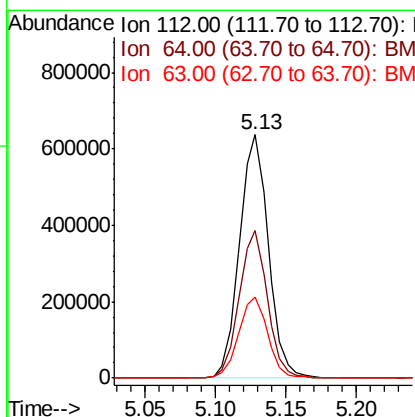
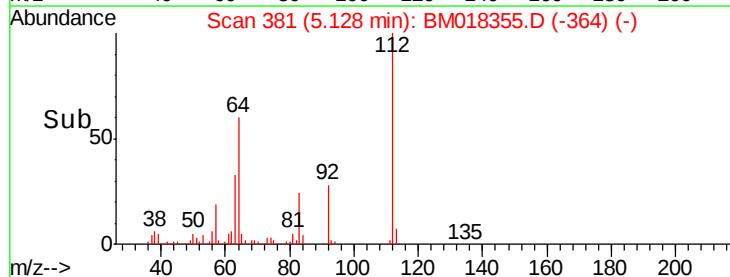


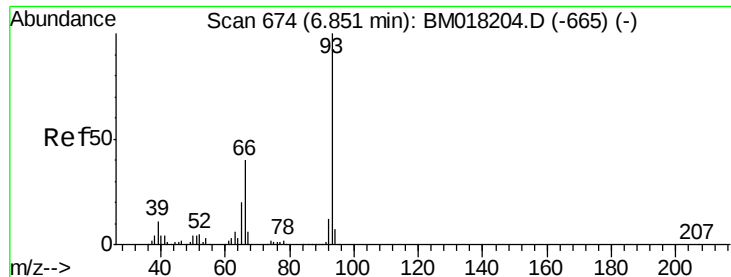
Abundance

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





#6

Aniline

Concen: 3.756 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1218-01

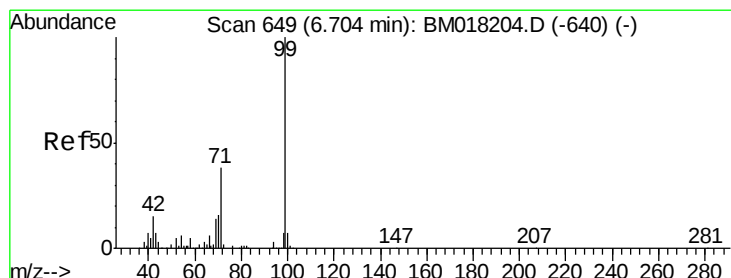
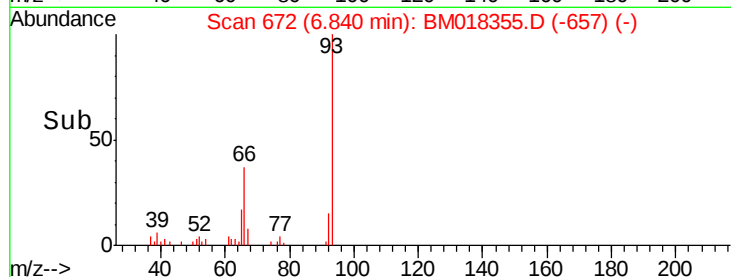
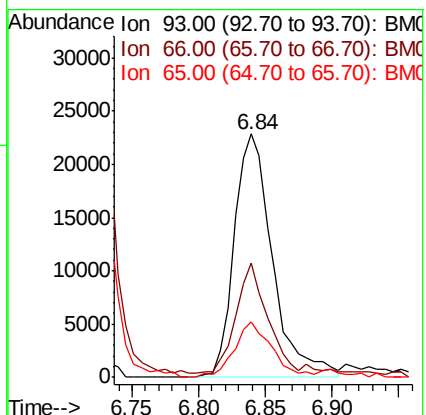
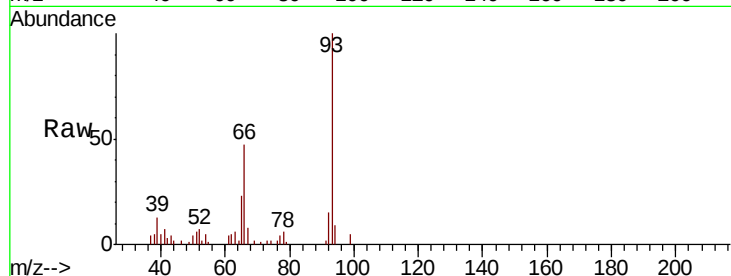
Tot Ion: 93 Resp: 45536

Ion Ratio Lower Upper

93 100

66 46.7 32.3 48.5

65 22.8 16.2 24.4



#7

Phenol-d6

Concen: 130.225 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

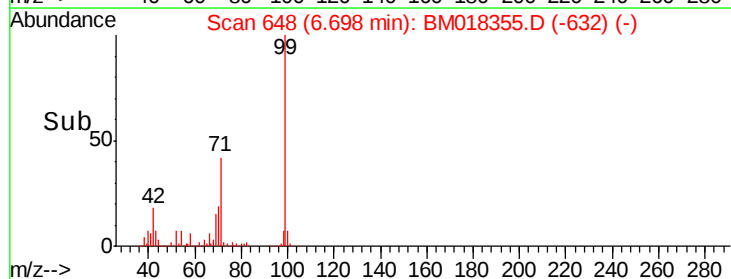
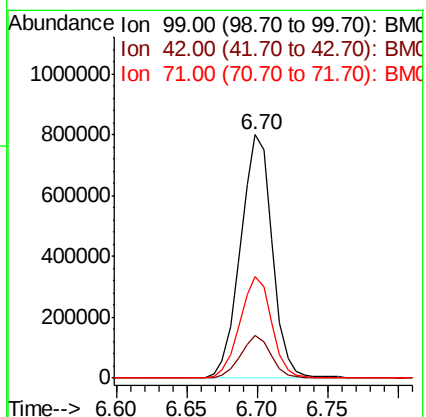
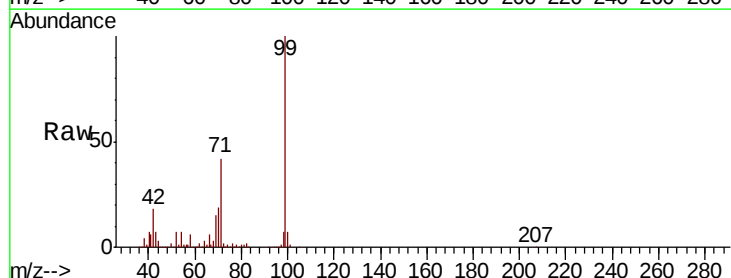
Tgt Ion: 99 Resp: 1258645

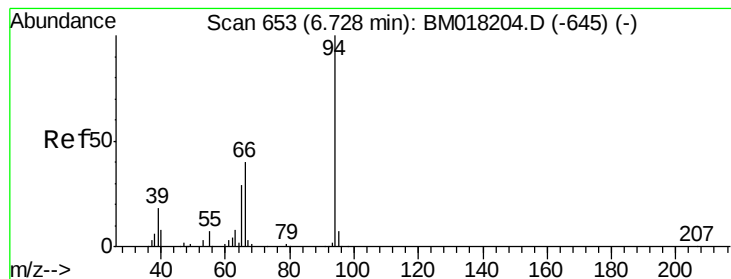
Ion Ratio Lower Upper

99 100

42 17.6 12.3 18.5

71 41.8 30.2 45.2





#10

Phenol

Concen: 10.171 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1218-01

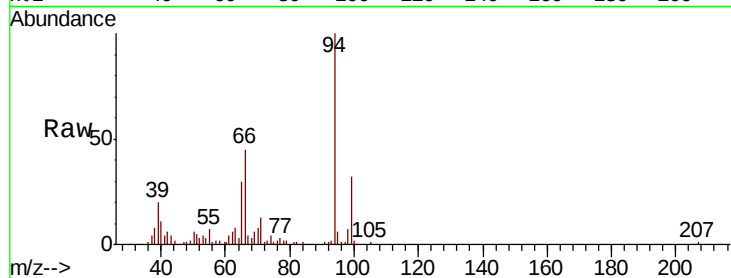
Tot Ion: 94 Resp: 104109

Ion Ratio Lower Upper

94 100

65 30.3 9.5 49.5

66 45.2 21.3 61.3

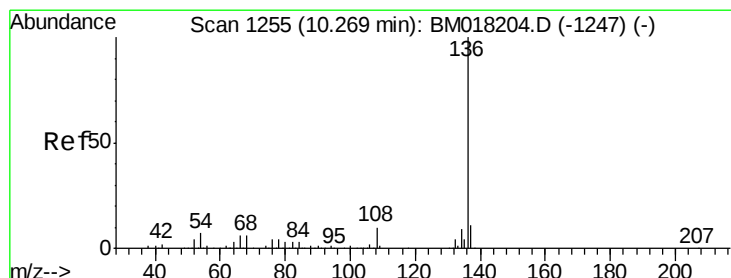
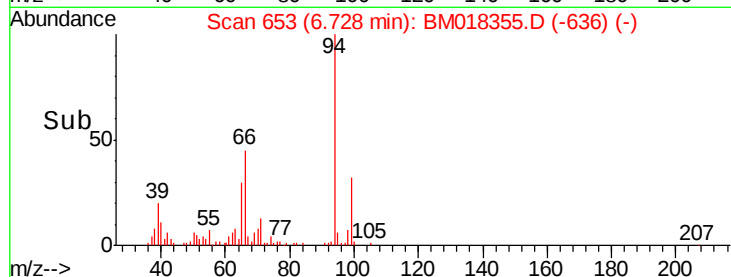
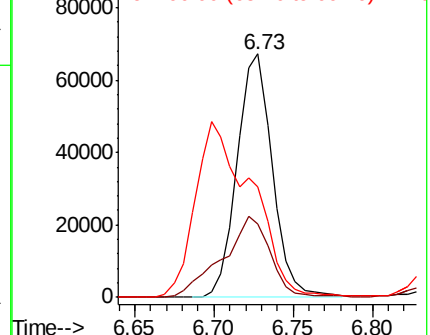


Abundance

Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Tgt Ion: 136 Resp: 456488

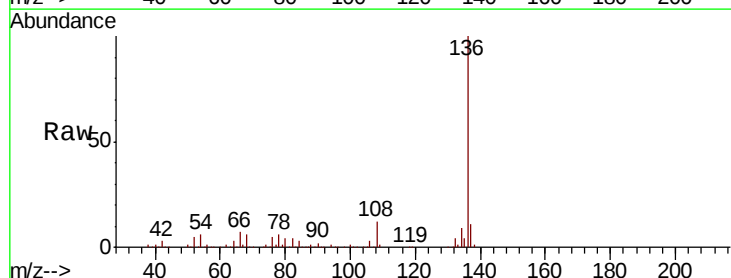
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.2 5.2 7.8

68 5.8 5.0 7.6



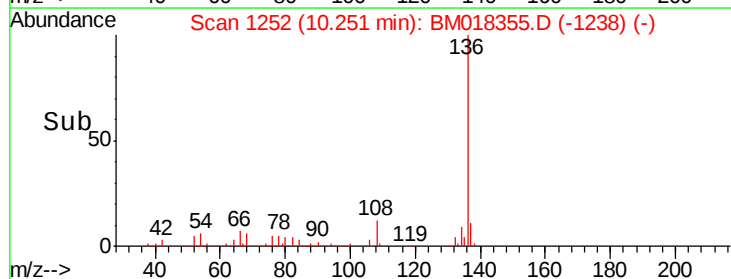
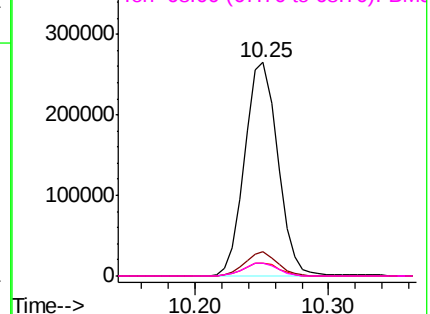
Abundance

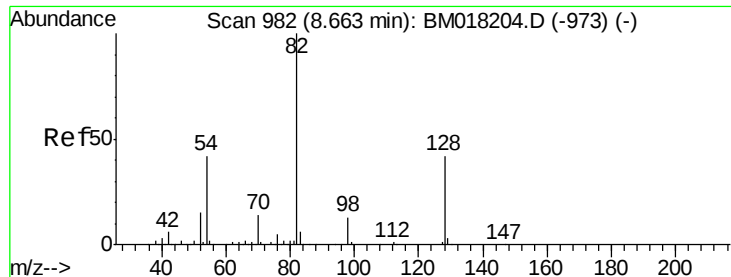
Ion 136.00 (135.70 to 136.70): BM018204.D (-1247) (-)

Ion 137.00 (136.70 to 137.70): BM018204.D (-1247) (-)

Ion 54.00 (53.70 to 54.70): BM018204.D (-1247) (-)

Ion 68.00 (67.70 to 68.70): BM018204.D (-1247) (-)

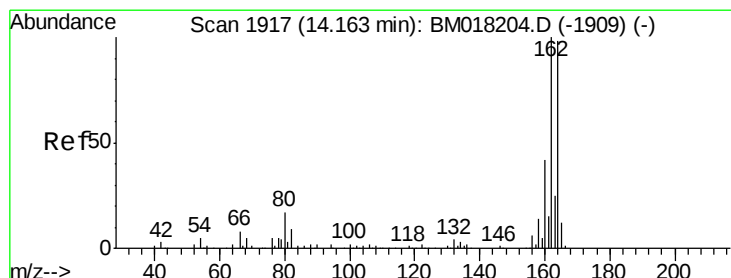
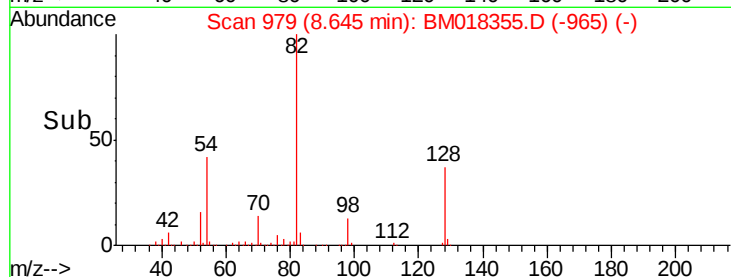
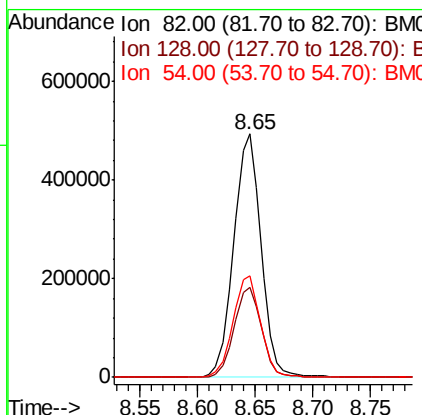
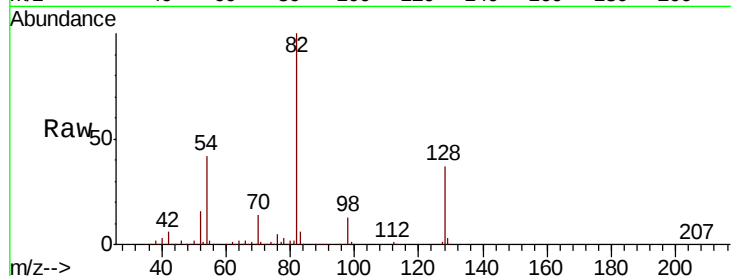




#23
Nitrobenzene-d5
Concen: 91.040 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

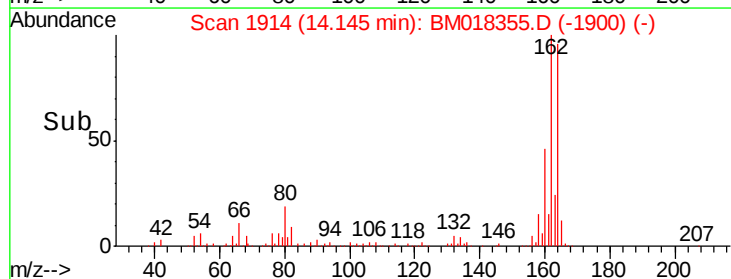
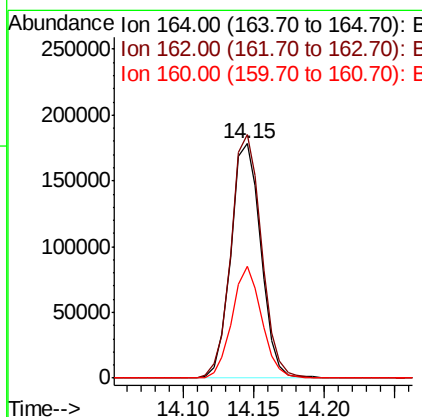
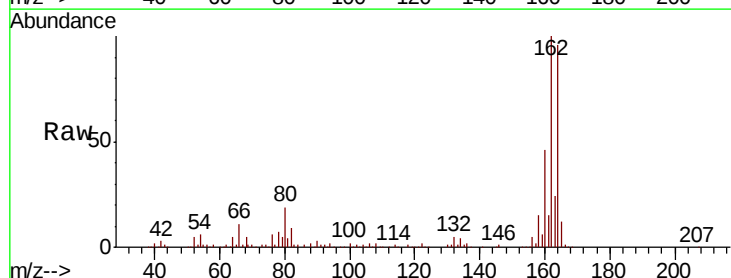
Instrument :
BNA_M
ClientSampleId :
P001-SS014-1218-01

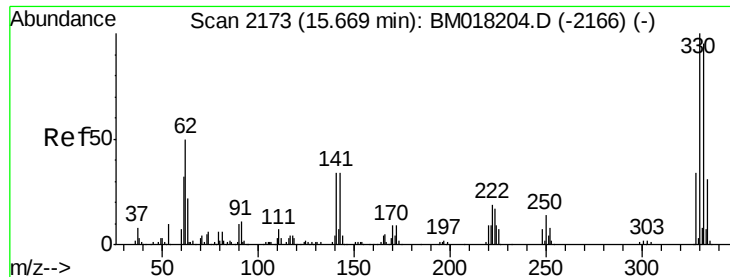
Tot Ion	82	Resp	810209
Ion Ratio	Lower	Upper	
82	100		
128	37.0	33.4	50.2
54	41.6	33.4	50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

Tgt Ion	164	Resp	264413
Ion Ratio	Lower	Upper	
164	100		
162	103.8	81.8	122.6
160	47.4	34.6	51.8

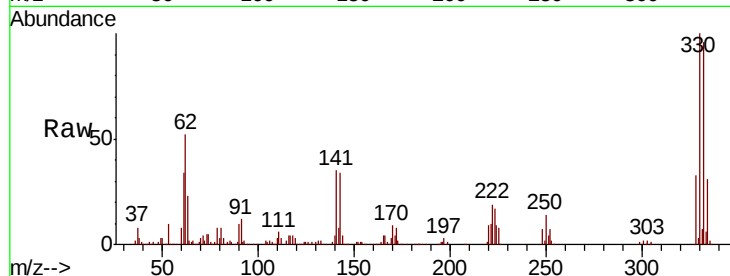




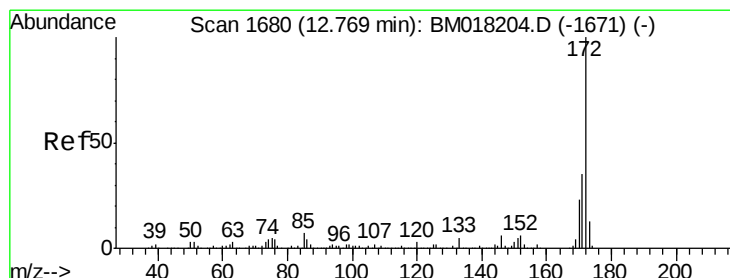
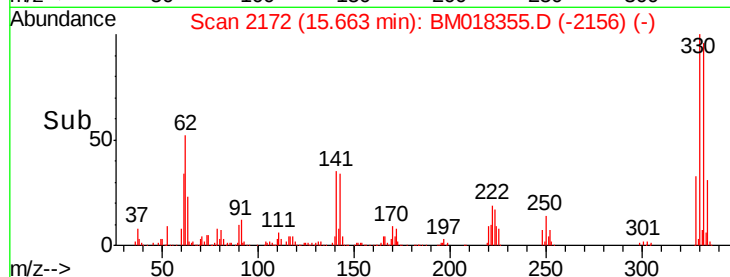
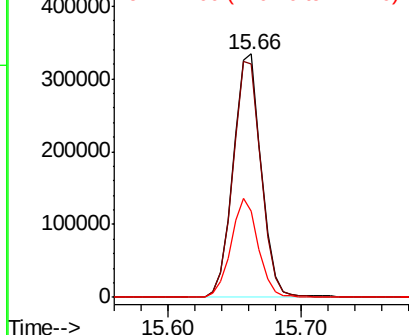
#42
 2,4,6-Tribromophenol
 Concen: 125.968 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018355.D
 Acq: 21 Dec 2018 11:53

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS014-1218-01

Tot Ion:330 Resp: 488862
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 118.0
 141 39.5 27.1 40.7

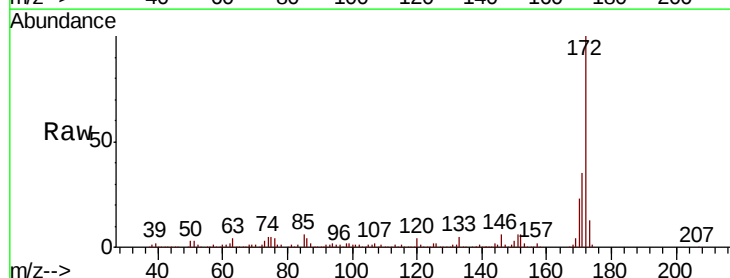


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

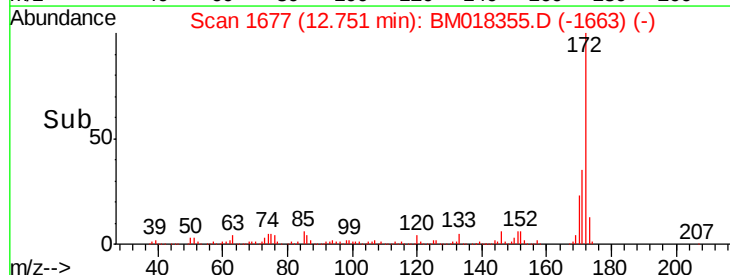
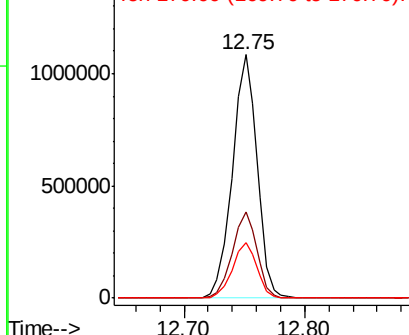


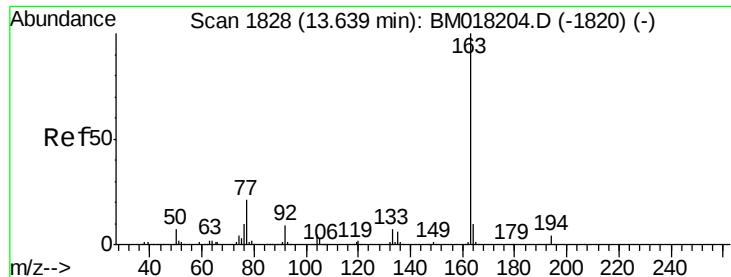
#45
 2-Fluorobiphenyl
 Concen: 75.587 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018355.D
 Acq: 21 Dec 2018 11:53

Tgt Ion:172 Resp: 1543053
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 22.8 18.1 27.1



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: 3.529 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1218-01

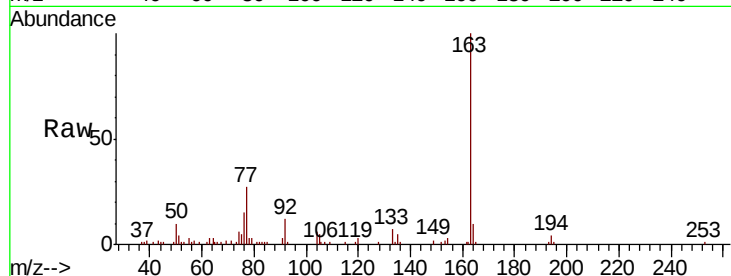
Tot Ion:163 Resp: 77581

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

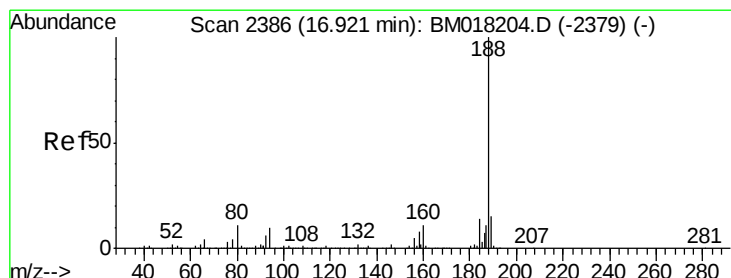
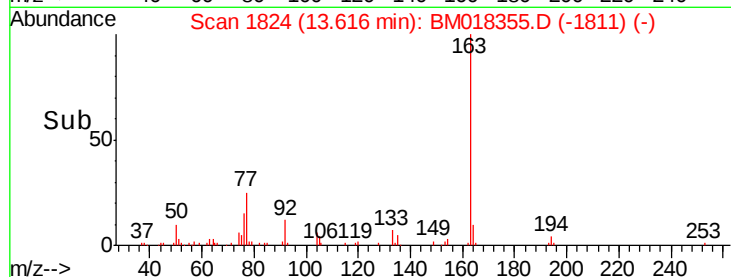
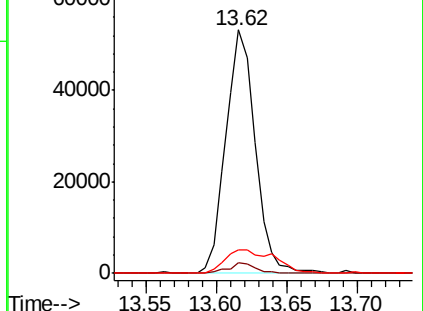
164 9.9 7.9 11.9



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: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

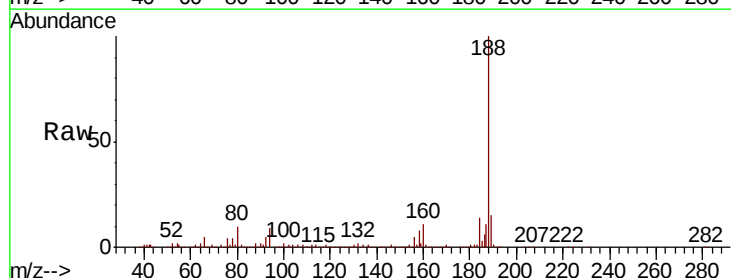
Tgt Ion:188 Resp: 604418

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

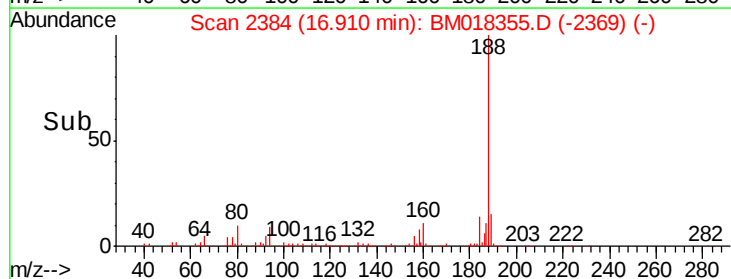
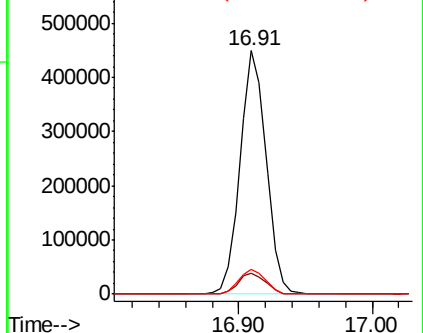
80 10.2 9.0 13.6

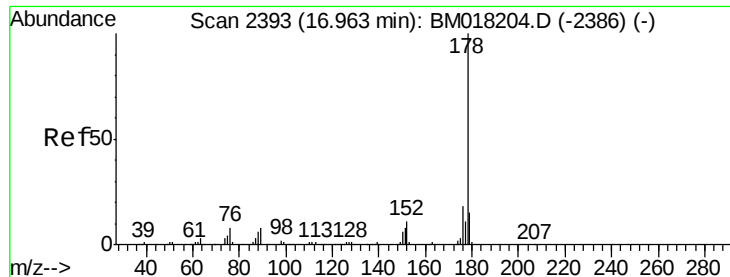


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 4.902 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Instrument :

BNA_M

ClientSampleId :

P001-SS014-1218-01

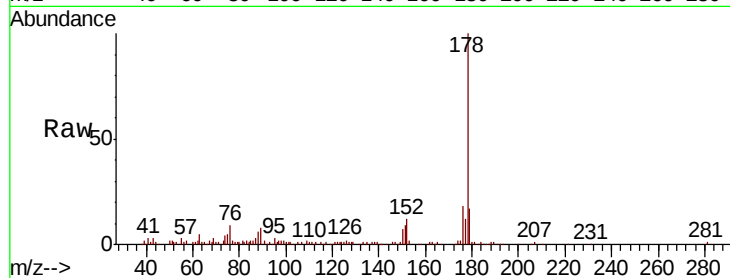
Tot Ion:178 Resp: 160941

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

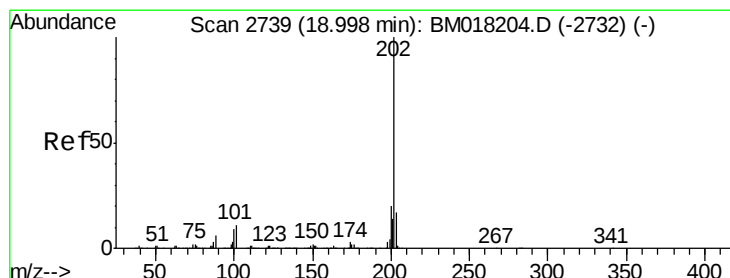
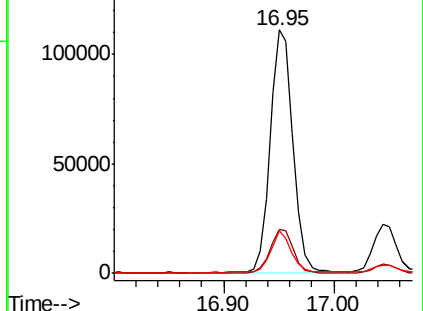
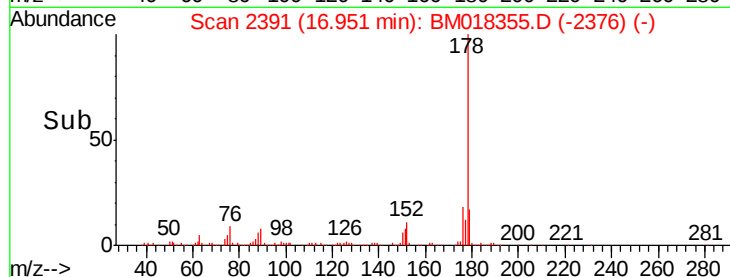
179 17.3 12.0 18.0



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



#75

Fluoranthene

Concen: 2.492 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

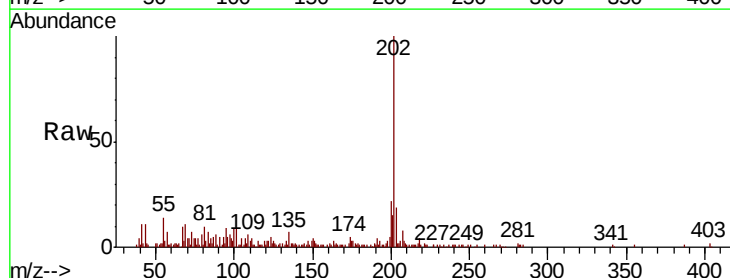
Tgt Ion:202 Resp: 95113

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.5

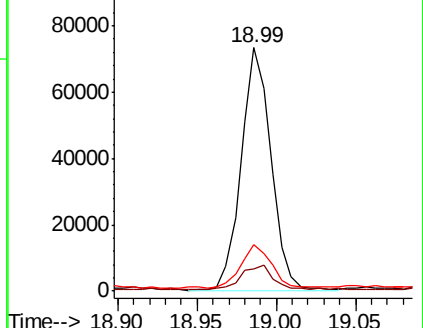
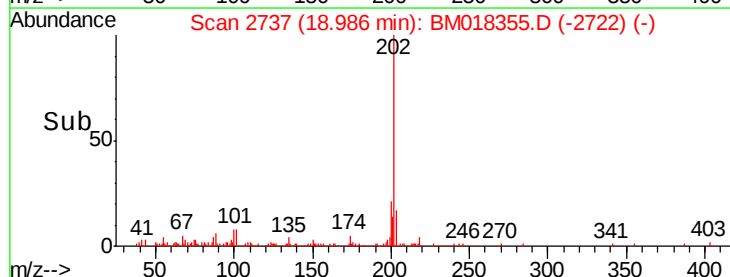
203 19.2 0.0 37.5

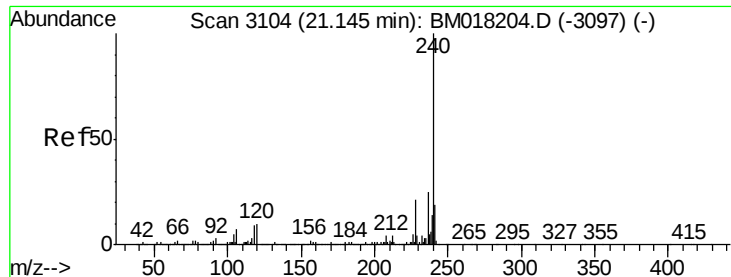


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

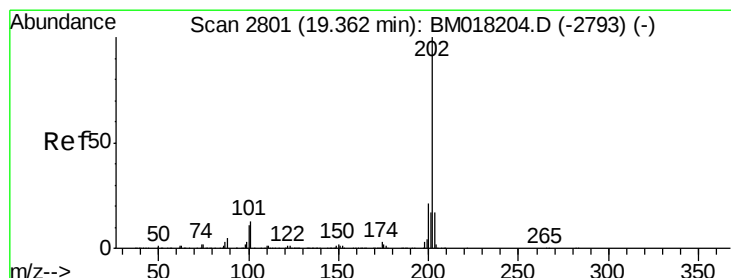
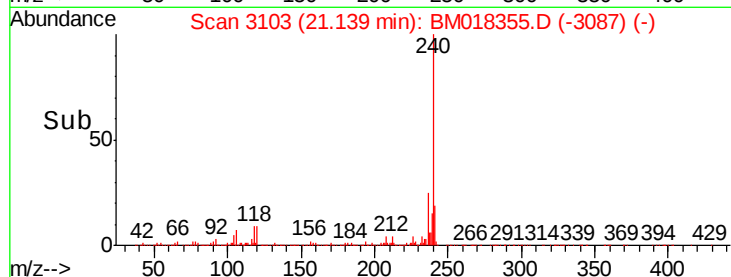
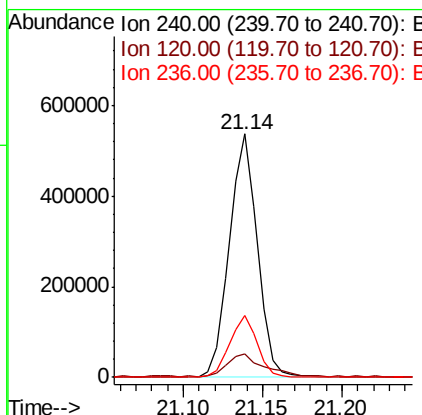
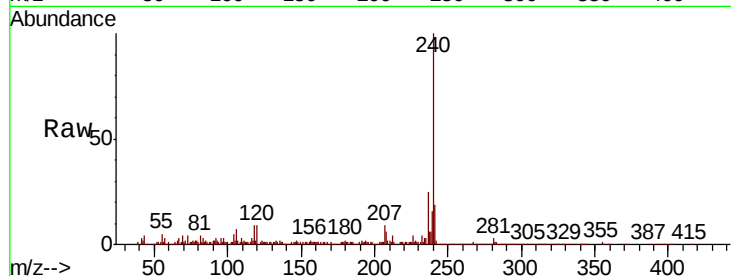




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

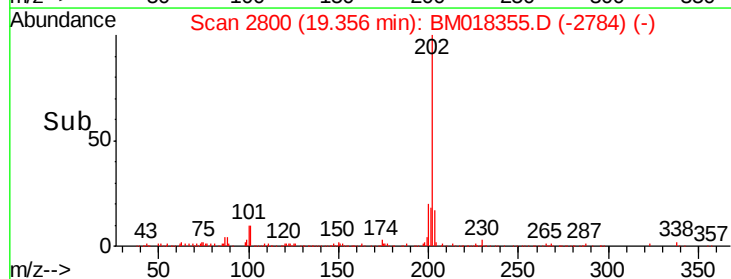
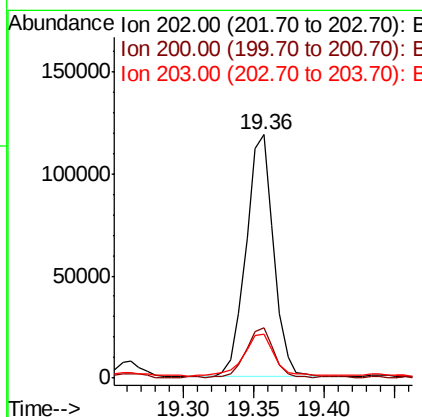
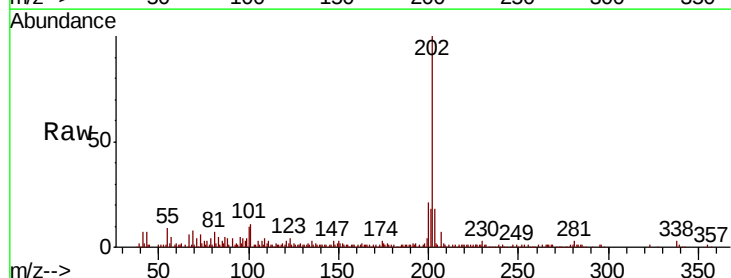
Instrument :
BNA_M
ClientSampleId :
P001-SS014-1218-01

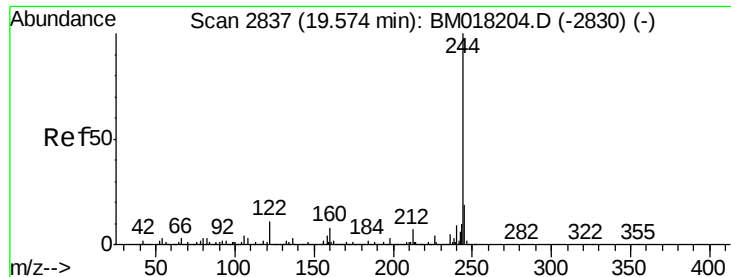
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.2
236	25.2	20.3	30.5



#78
Pyrene
Concen: 4.183 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018355.D
Acq: 21 Dec 2018 11:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.1	14.0	21.0





#79

Terphenyl-d14

Concen: 84.000 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Instrument :

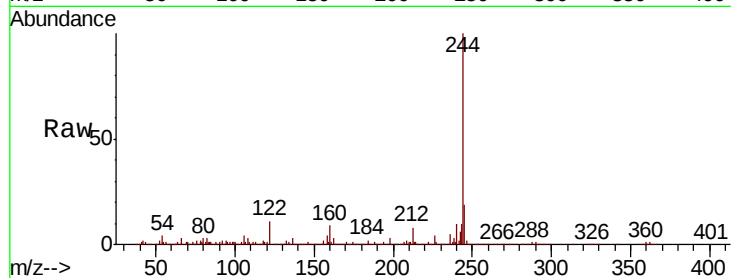
BNA_M

ClientSampleId :

P001-SS014-1218-01

Tot Ion:244 Resp: 2428609

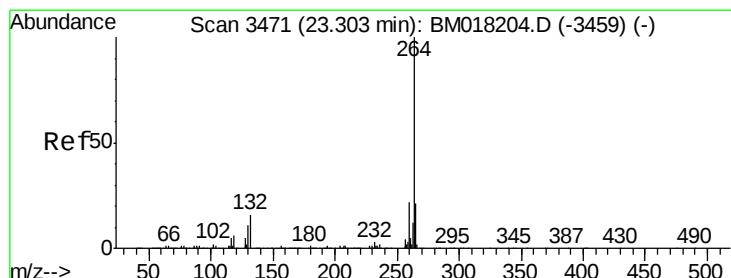
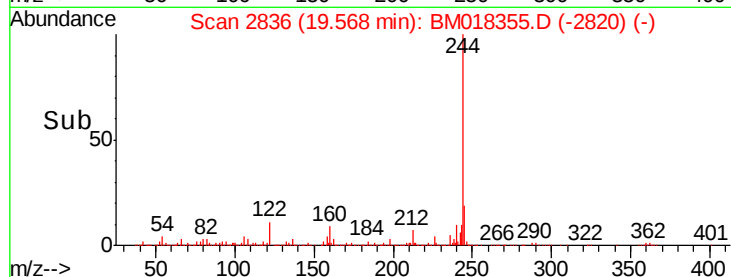
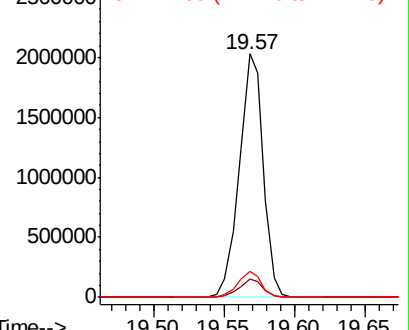
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.6	9.0	13.6



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: 23.30 min Scan# 3471

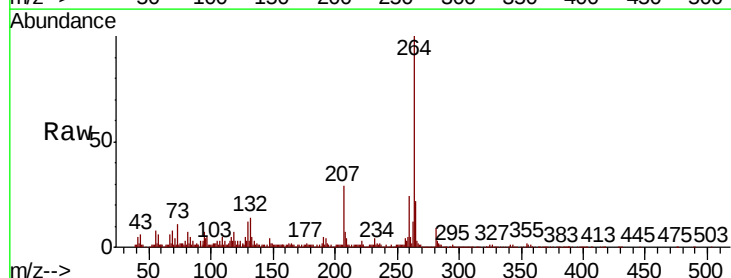
Delta R.T. -0.00 min

Lab File: BM018355.D

Acq: 21 Dec 2018 11:53

Tgt Ion:264 Resp: 561648

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.5	26.3
265	21.6	17.3	25.9



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

