

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121818\
 Data File : BM018282.D
 Acq On : 18 Dec 2018 21:48
 Operator : JU/SJ
 Sample : J6340-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10A

Quant Time: Dec 19 03:32:10 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	7.49	152	147093	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	546827	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	266338	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	461432	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	456051	20.00	ng	-0.01
87) Perylene-d12	23.29	264	525926	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	1303329	148.01	ng	0.00
7) Phenol-d6	6.69	99	1757580	143.61	ng	-0.01
23) Nitrobenzene-d5	8.65	82	1117385	104.81	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	429355	109.83	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	2049170	99.65	ng	-0.02
79) Terphenyl-d14	19.56	244	1824991	90.50	ng	-0.01

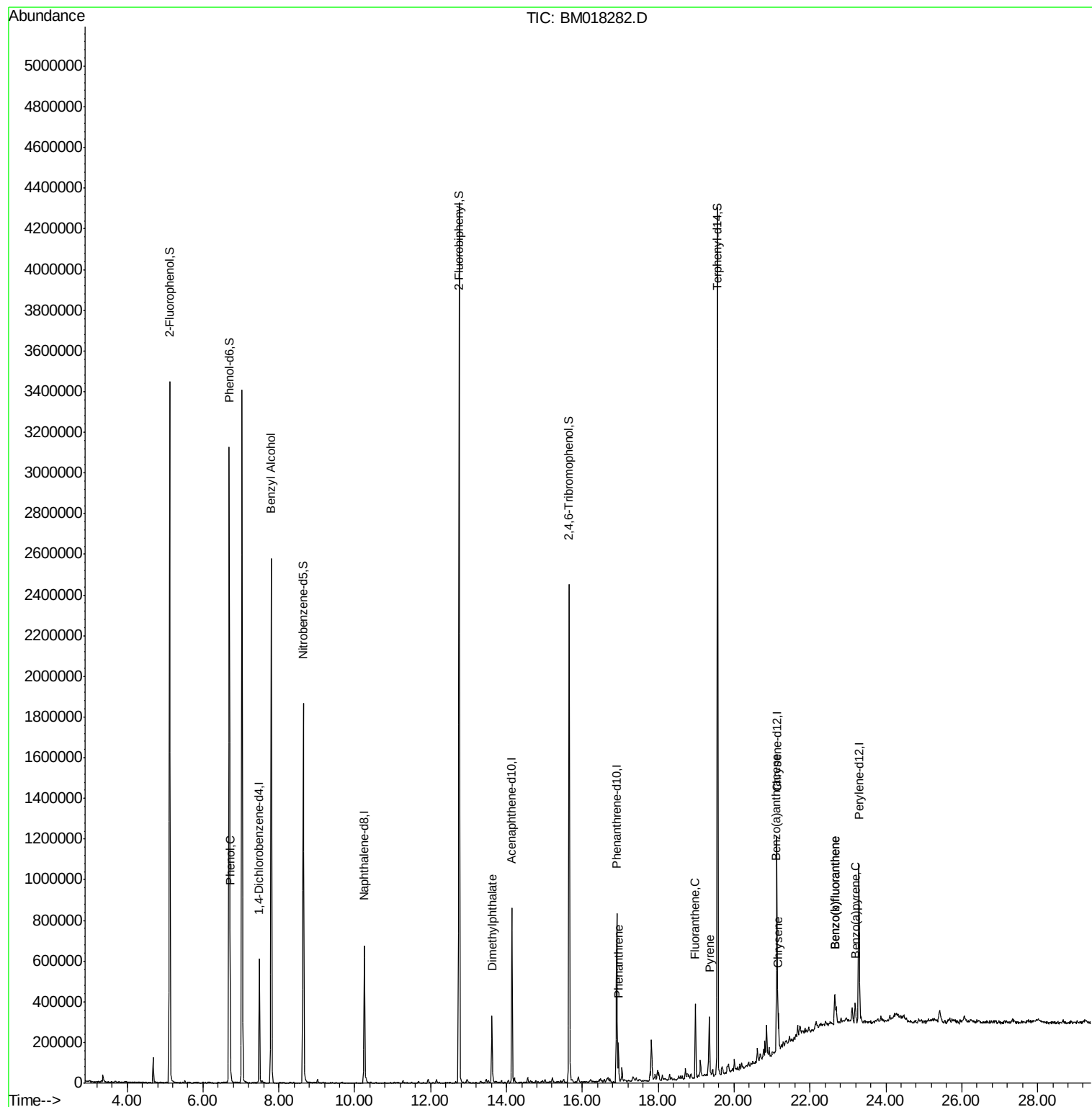
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.72	94	82330	6.352	ng	93
15) Benzyl Alcohol	7.80	79	20037	2.009	ng	# 45
50) Dimethylphthalate	13.62	163	206705	9.335	ng	97
71) Phenanthrene	16.95	178	117083	4.671	ng	99
75) Fluoranthene	18.98	202	196355	6.738	ng	99
78) Pyrene	19.35	202	179159	6.593	ng	99
81) Benzo(a)anthracene	21.12	228	103376	3.880	ng	99
83) Chrysene	21.17	228	98315	3.837	ng	97
88) Benzo(b)fluoranthene	22.66	252	103175	3.492	ng	93
89) Benzo(k)fluoranthene	22.66	252	103175	3.507	ng	# 92
90) Benzo(a)pyrene	23.20	252	63432	2.258	ng	94

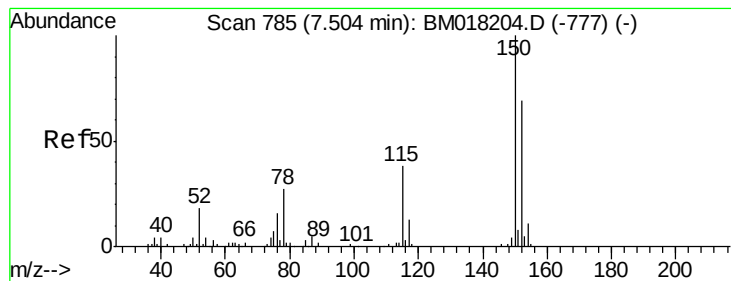
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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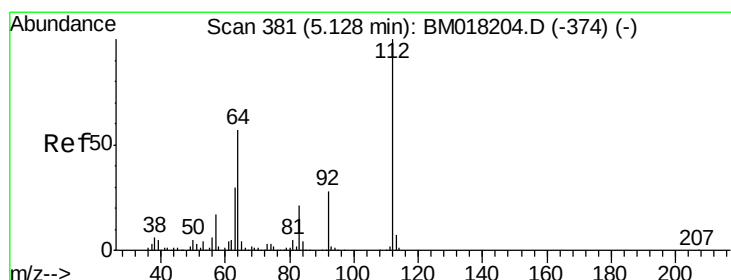
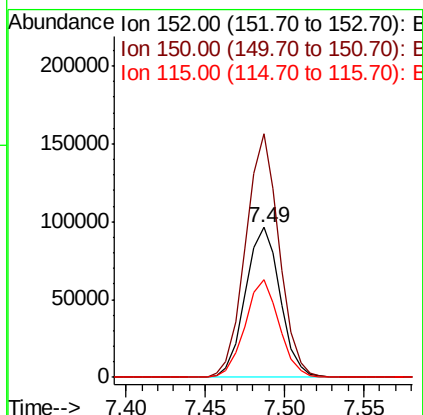
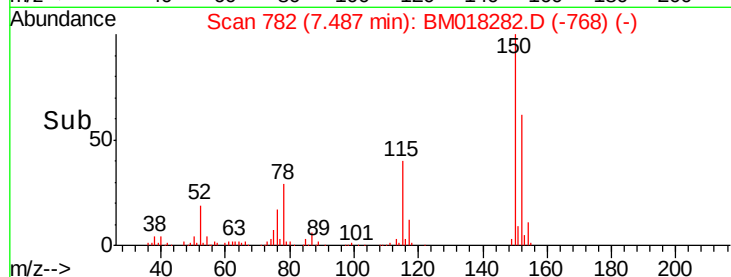
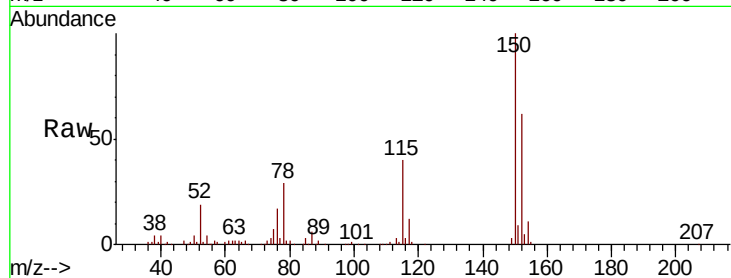


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Instrument :
BNA_M
ClientSampleId :
SB-10A

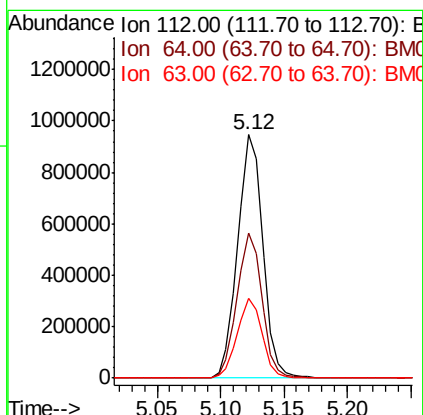
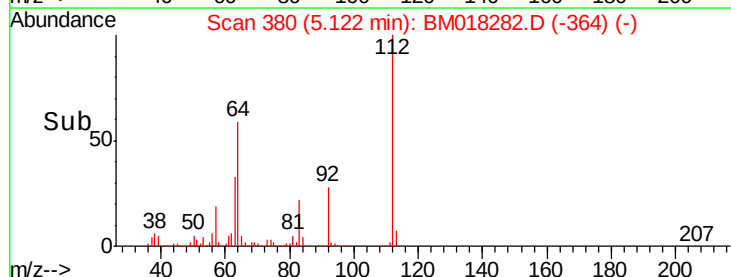
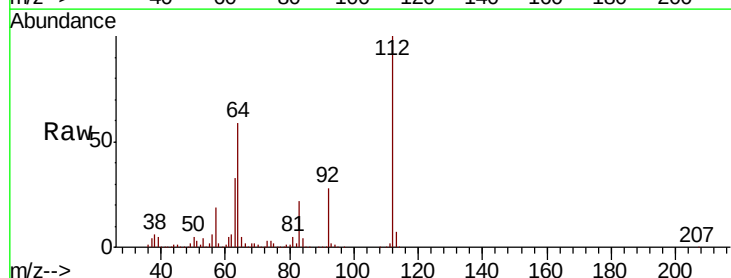
Tgt Ion:152 Resp: 147093
Ion Ratio Lower Upper
152 100
150 162.3 116.1 174.1
115 65.2 44.6 67.0

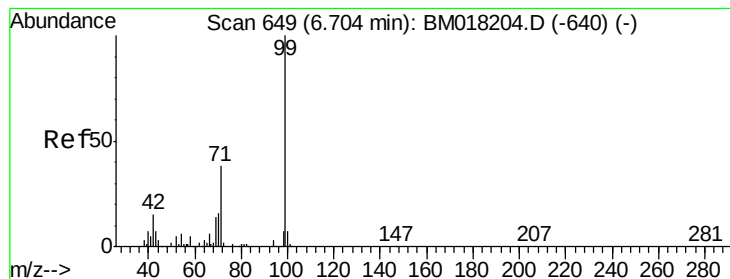


#5

2-Fluorophenol
Concen: 148.015 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Tgt Ion:112 Resp: 1303329
Ion Ratio Lower Upper
112 100
64 59.5 45.4 68.2
63 33.0 24.0 36.0





#7

Phenol-d6

Concen: 143.607 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Instrument :

BNA_M

ClientSampleId :

SB-10A

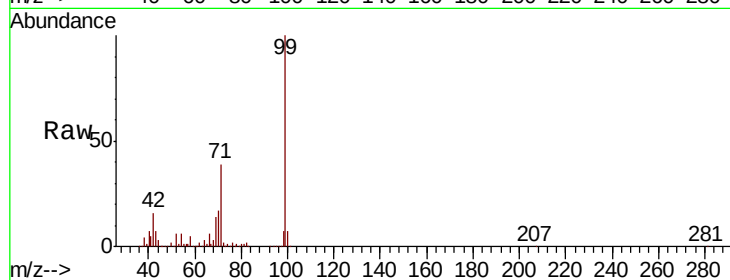
Tgt Ion: 99 Resp: 1757580

Ion Ratio Lower Upper

99 100

42 15.8 12.3 18.5

71 38.9 30.2 45.2

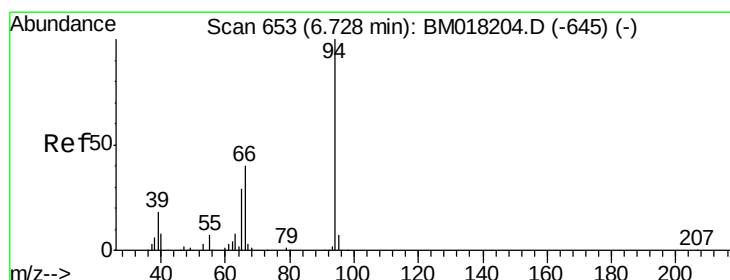
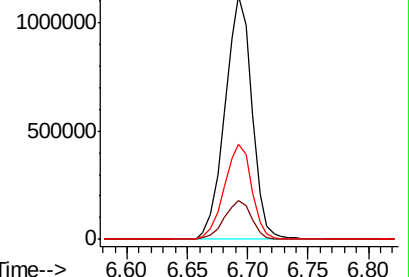
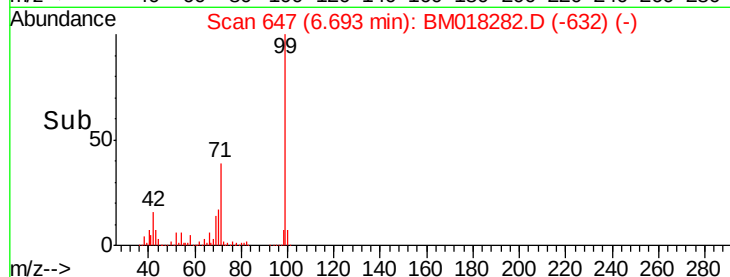


Abundance Ion 99.00 (98.70 to 99.70): BM018282.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018282.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018282.D (-632) (-)

Time-->



#10

Phenol

Concen: 6.352 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

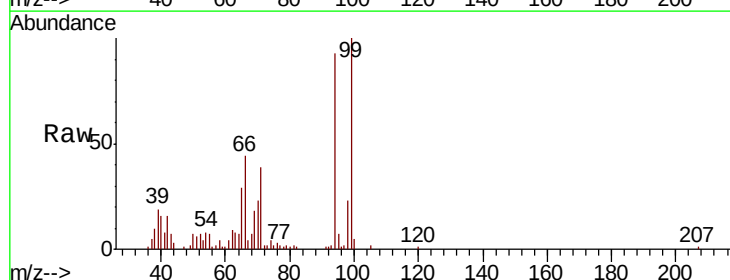
Tgt Ion: 94 Resp: 82330

Ion Ratio Lower Upper

94 100

65 31.4 9.5 49.5

66 47.4 21.3 61.3

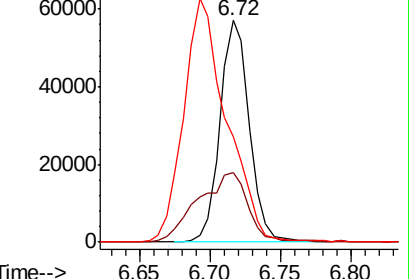
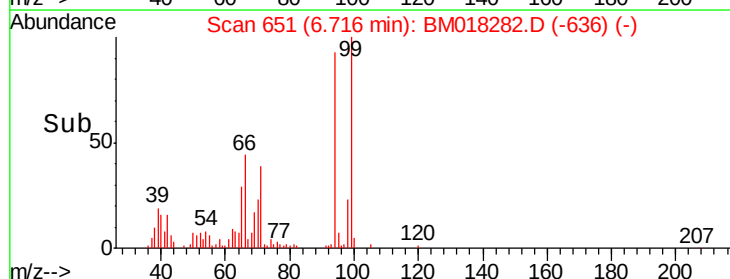


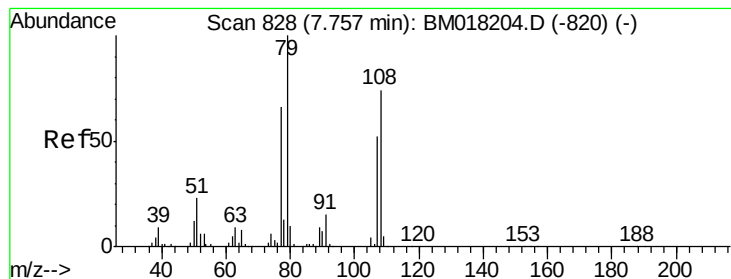
Abundance Ion 94.00 (93.70 to 94.70): BM018282.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018282.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018282.D (-636) (-)

Time-->





#15

Benzyl Alcohol

Concen: 2.009 ng

RT: 7.80 min Scan# 835

Delta R.T. 0.04 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Instrument :

BNA_M

ClientSampleId :

SB-10A

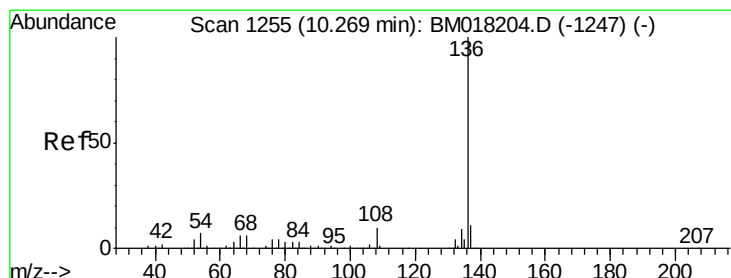
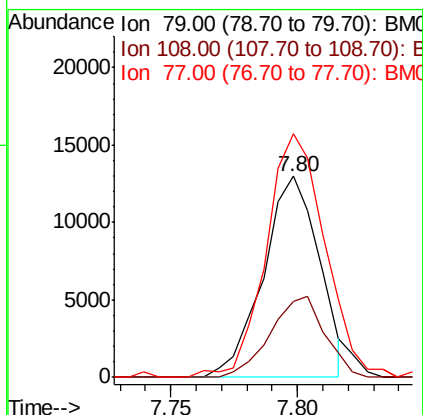
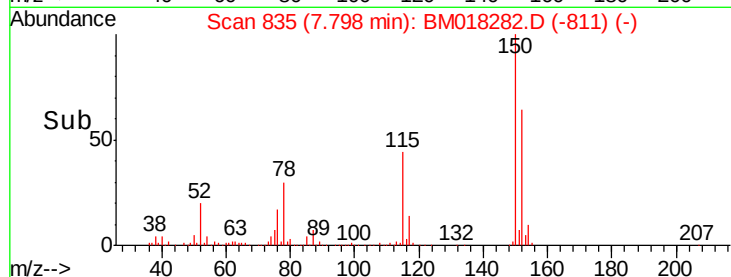
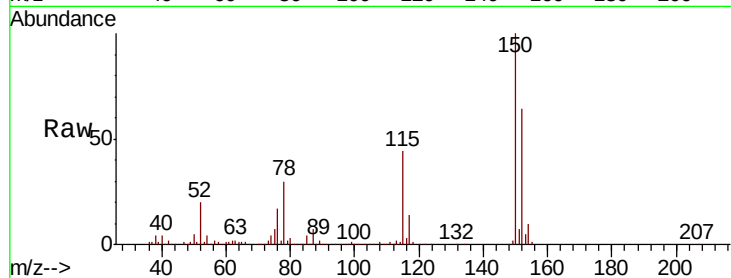
Tgt Ion: 79 Resp: 20037

Ion Ratio Lower Upper

79 100

108 37.4 59.3 88.9#

77 120.9 53.0 79.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Tgt Ion: 136 Resp: 546827

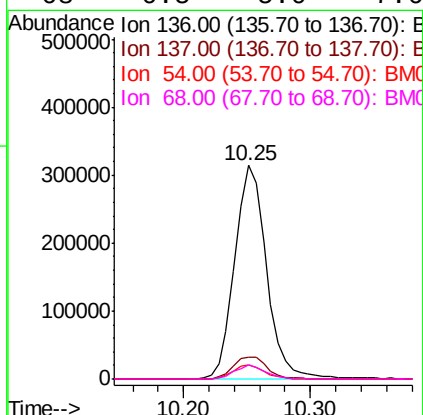
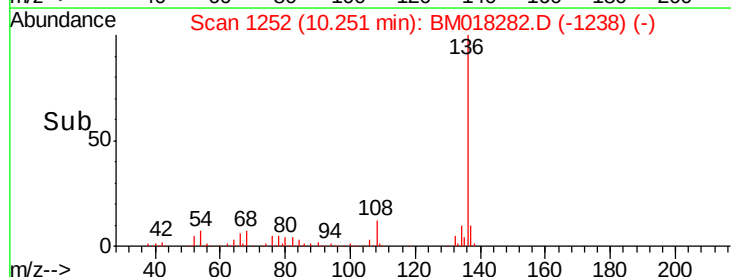
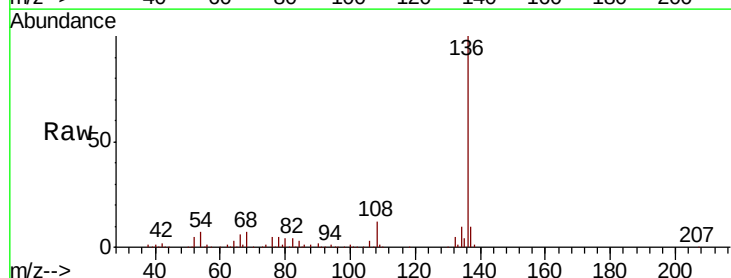
Ion Ratio Lower Upper

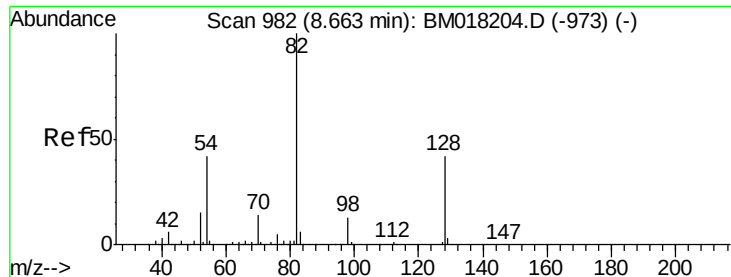
136 100

137 10.5 9.2 13.8

54 6.6 5.2 7.8

68 6.5 5.0 7.6

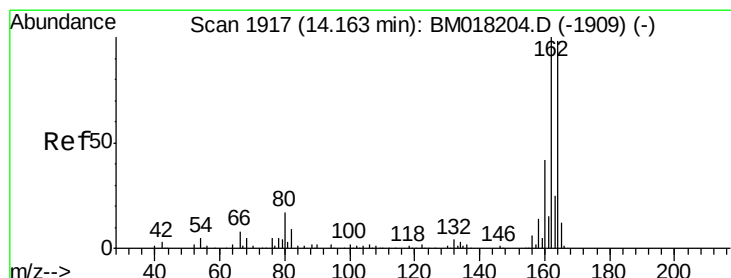
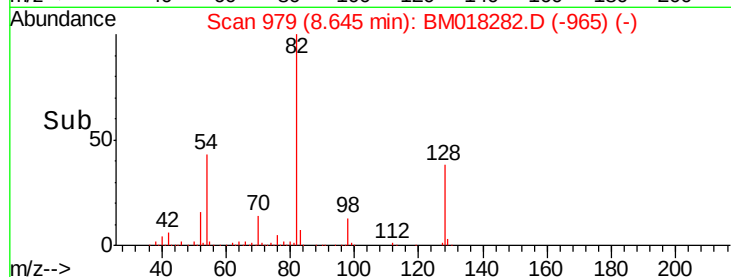
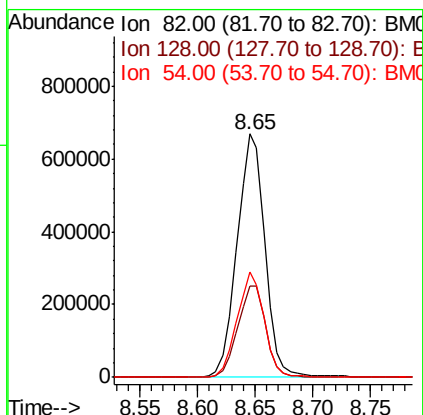
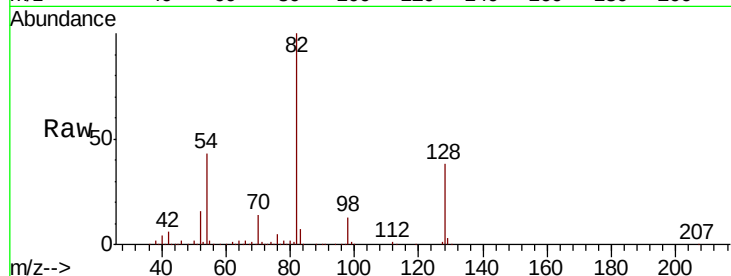




#23
 Nitrobenzene-d5
 Concen: 104.813 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018282.D
 Acq: 18 Dec 2018 21:48

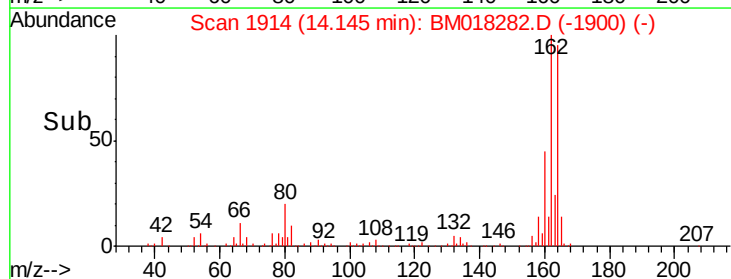
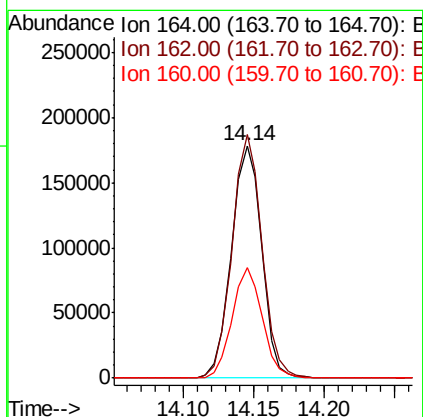
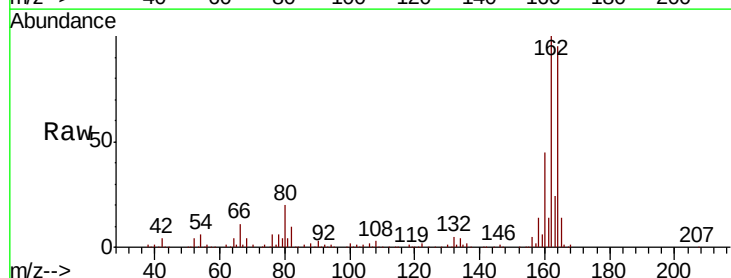
Instrument :
 BNA_M
 ClientSampleId :
 SB-10A

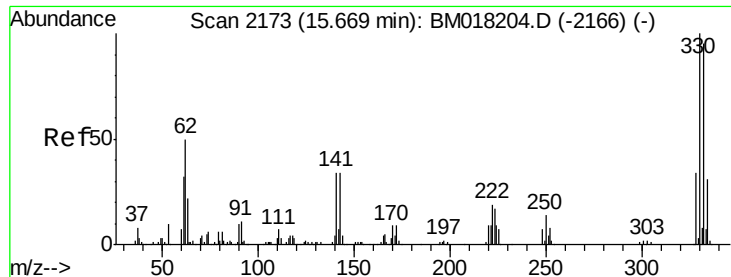
Tgt Ion: 82 Resp: 1117385
 Ion Ratio Lower Upper
 82 100
 128 37.7 33.4 50.2
 54 43.2 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.14 min Scan# 1914
 Delta R.T. -0.02 min
 Lab File: BM018282.D
 Acq: 18 Dec 2018 21:48

Tgt Ion: 164 Resp: 266338
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.8 122.6
 160 47.6 34.6 51.8

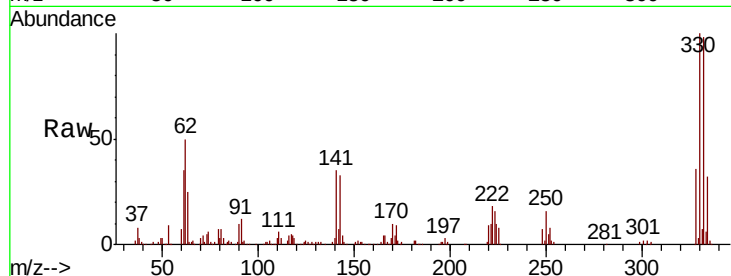




#42
 2,4,6-Tribromophenol
 Concen: 109.835 ng
 RT: 15.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM018282.D
 Acq: 18 Dec 2018 21:48

Instrument :
 BNA_M
 ClientSampleId :
 SB-10A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.6	118.0
141	38.7	27.1	40.7

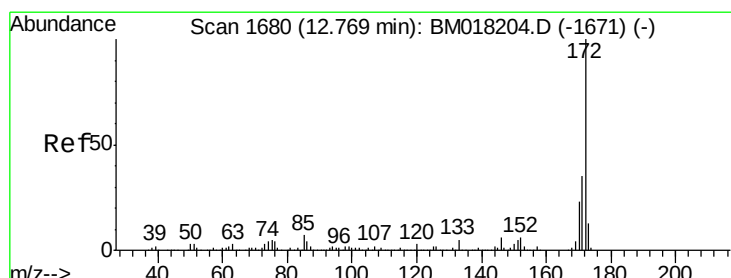
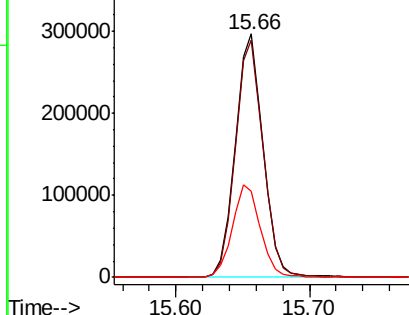
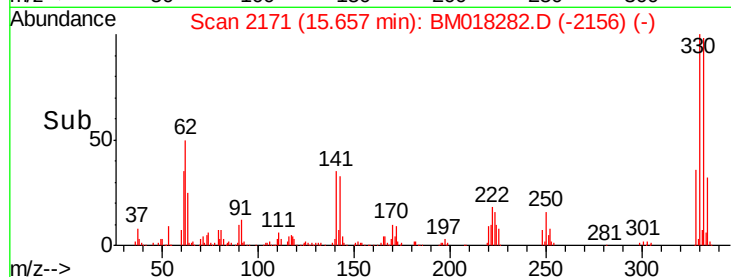


Abundance

Ion 329.80 (329.50 to 330.50): E

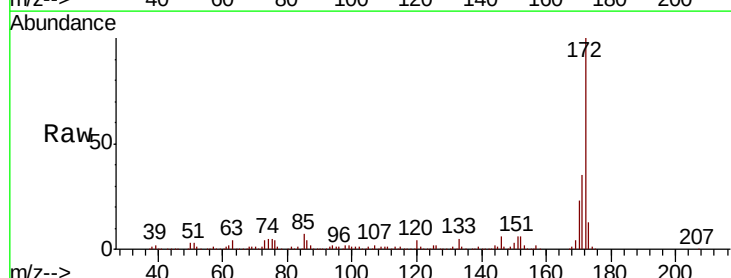
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.654 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018282.D
 Acq: 18 Dec 2018 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.5	18.1	27.1

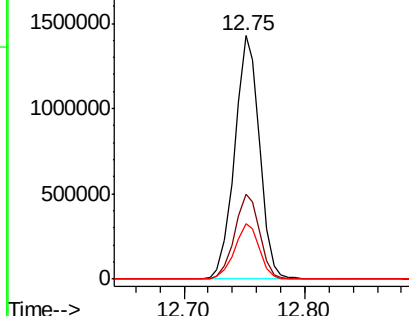
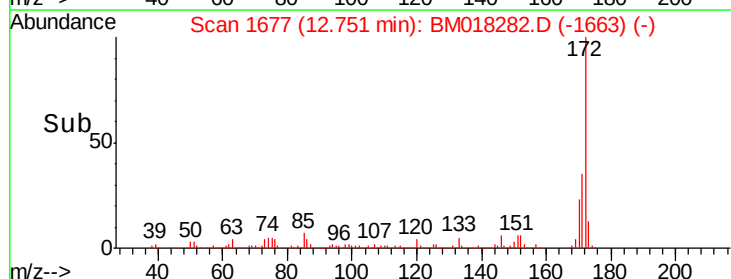


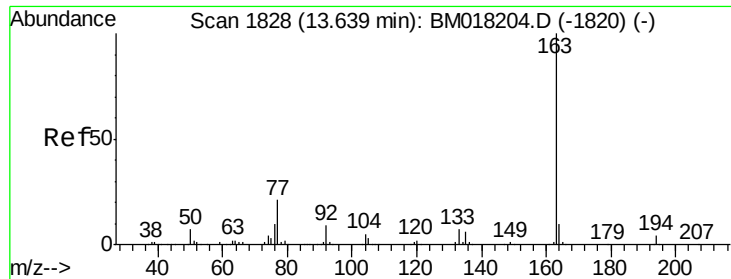
Abundance

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: 9.335 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Instrument :

BNA_M

ClientSampleId :

SB-10A

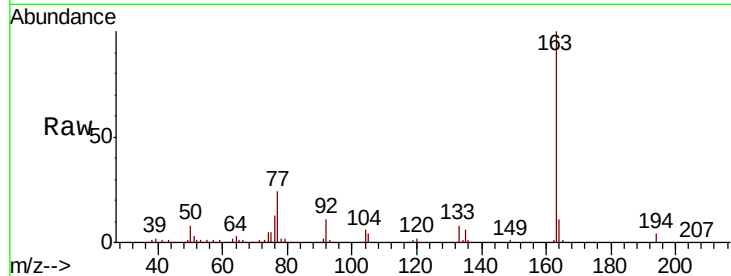
Tgt Ion:163 Resp: 206705

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

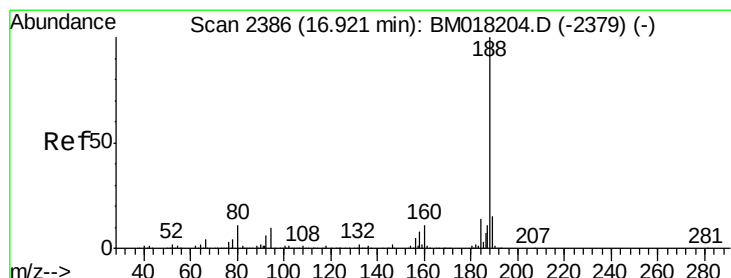
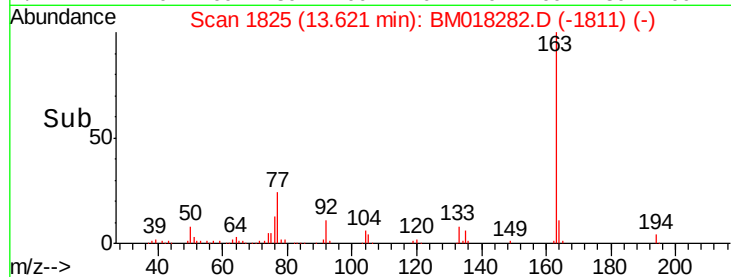
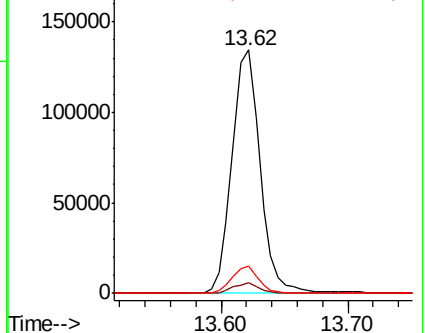
164 11.4 7.9 11.9



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: BM018282.D

Acq: 18 Dec 2018 21:48

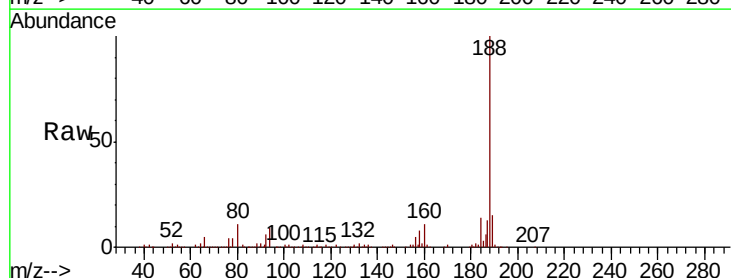
Tgt Ion:188 Resp: 461432

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

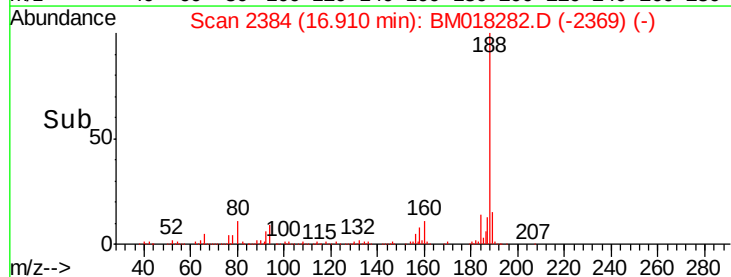
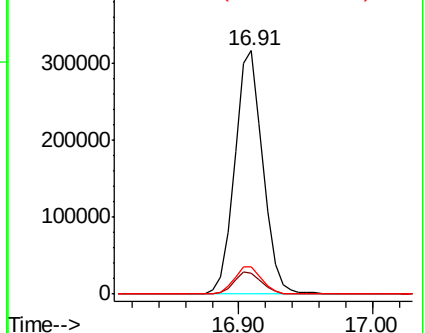
80 11.2 9.0 13.6

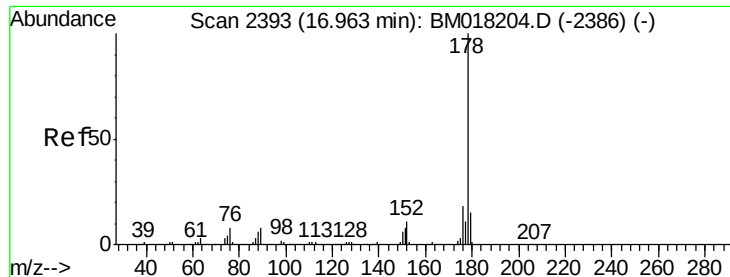


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

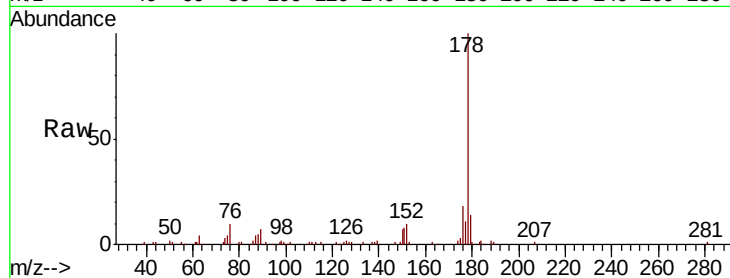




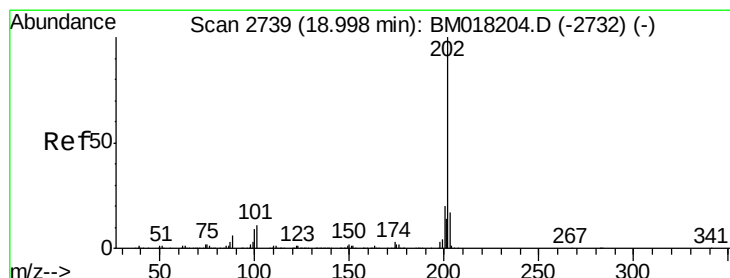
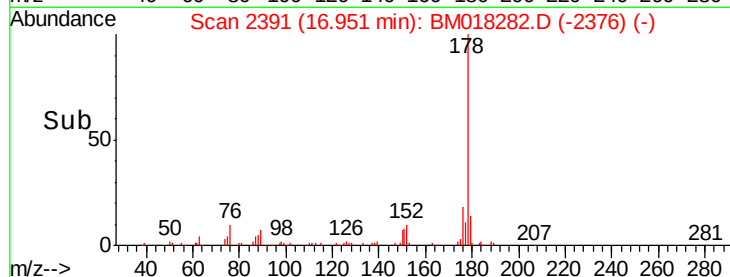
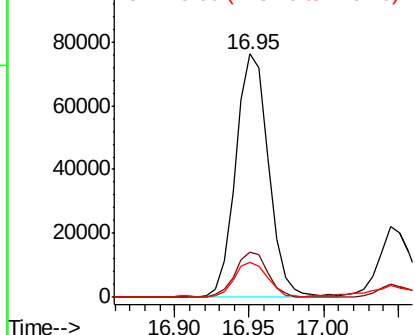
#71
Phenanthrene
Concen: 4.671 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Instrument :
BNA_M
ClientSampleId :
SB-10A

Tgt Ion:178 Resp: 117083
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 14.4 12.0 18.0

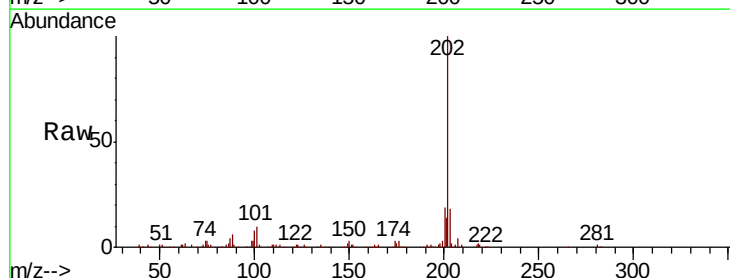


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

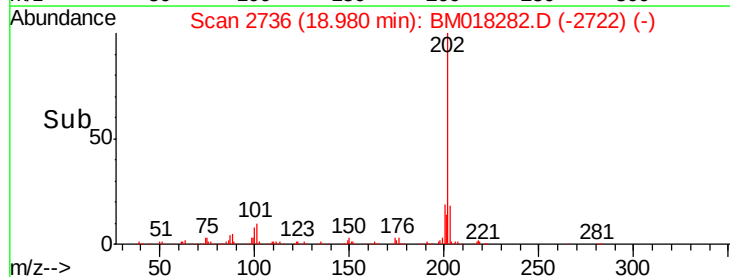
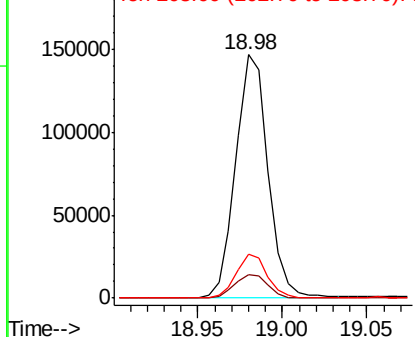


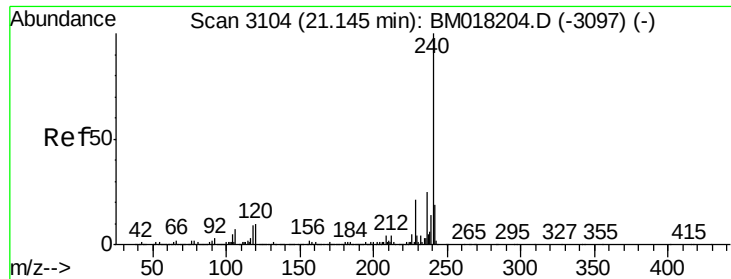
#75
Fluoranthene
Concen: 6.738 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Tgt Ion:202 Resp: 196355
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.5
203 17.9 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

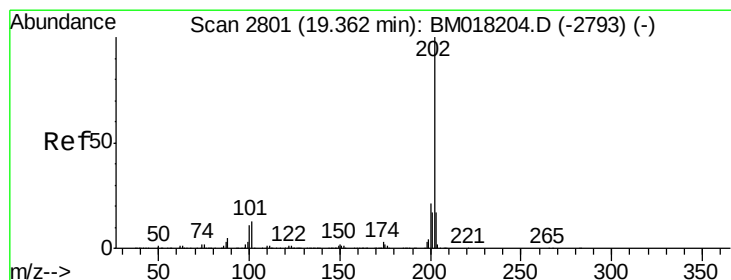
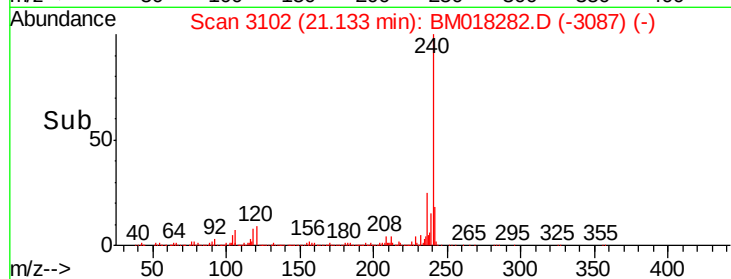
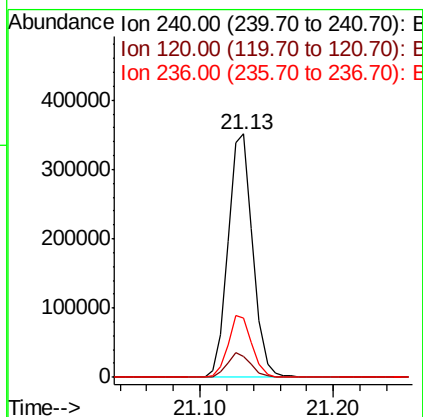
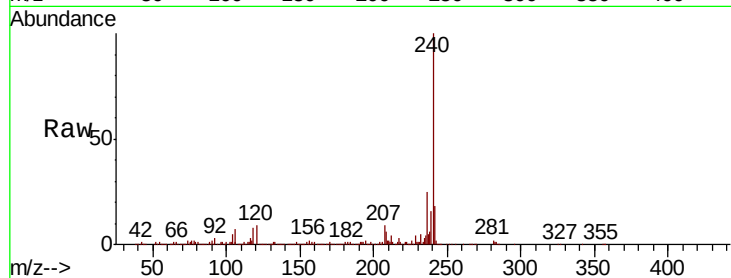




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

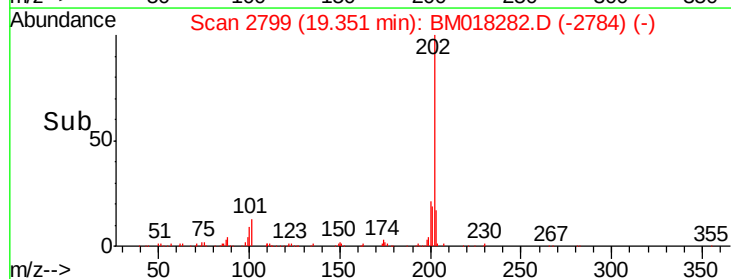
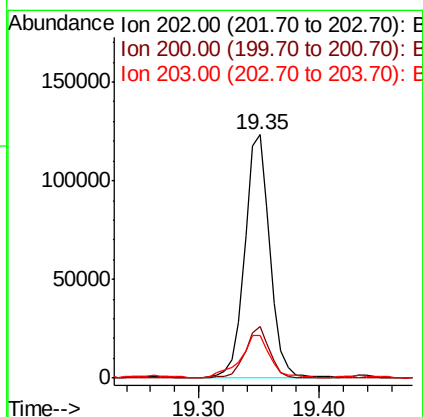
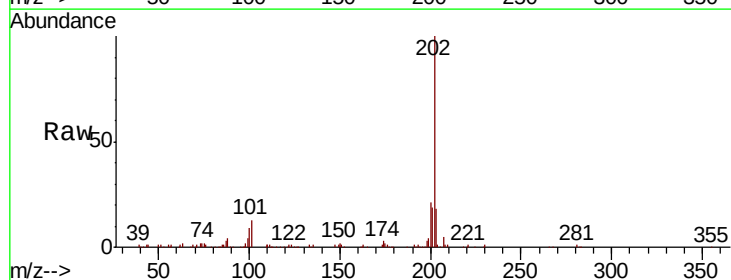
Instrument :
BNA_M
ClientSampleId :
SB-10A

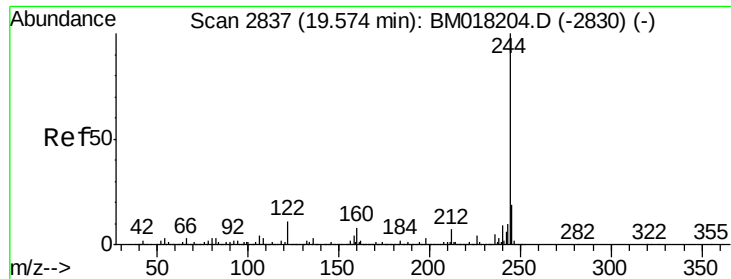
Tgt Ion:240 Resp: 456051
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 24.6 20.3 30.5



#78
Pyrene
Concen: 6.593 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Tgt Ion:202 Resp: 179159
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 90.505 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Instrument :

BNA_M

ClientSampleId :

SB-10A

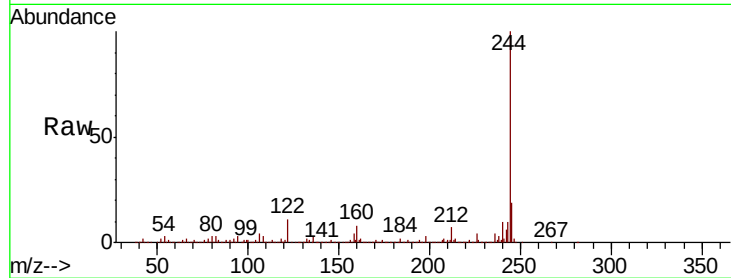
Tgt Ion:244 Resp: 1824991

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

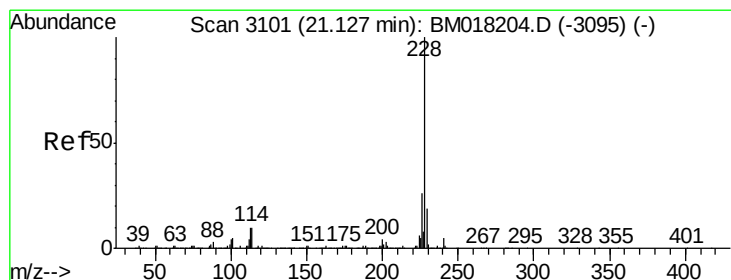
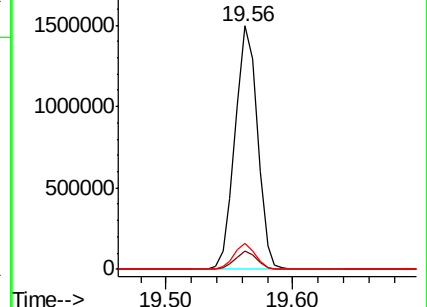
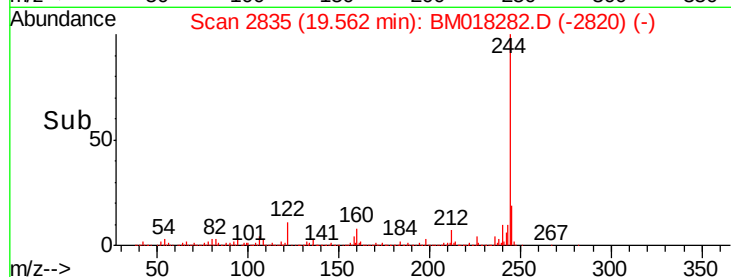
122 10.7 9.0 13.6



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



#81

Benzo(a)anthracene

Concen: 3.880 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

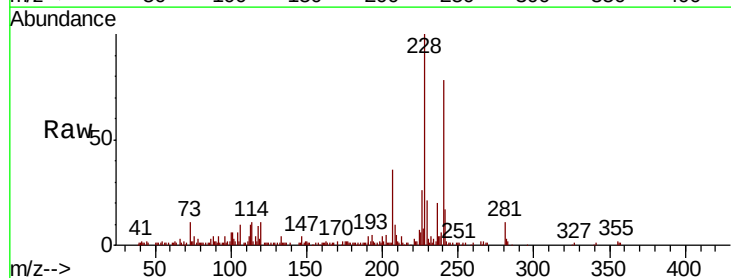
Tgt Ion:228 Resp: 103376

Ion Ratio Lower Upper

228 100

226 26.4 21.0 31.4

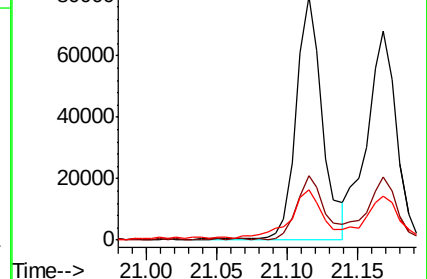
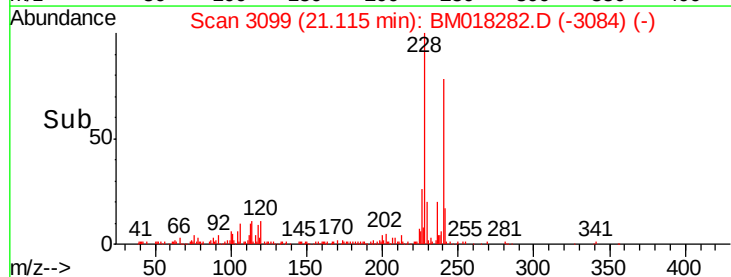
229 20.8 15.5 23.3

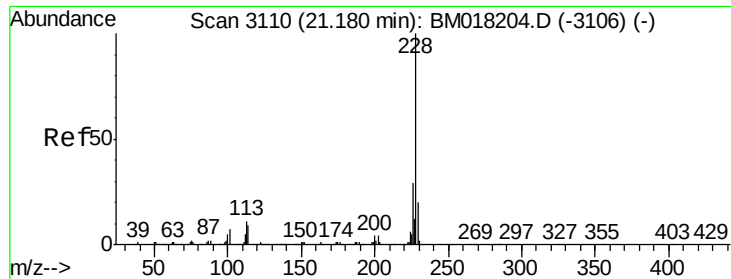


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

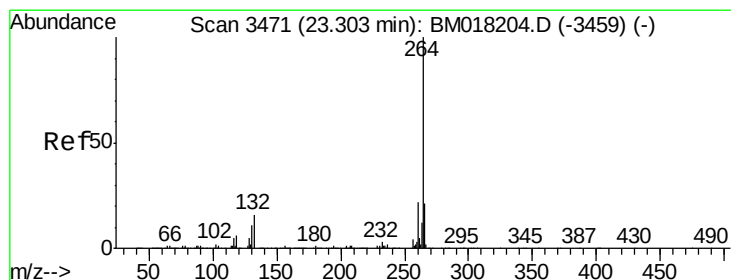
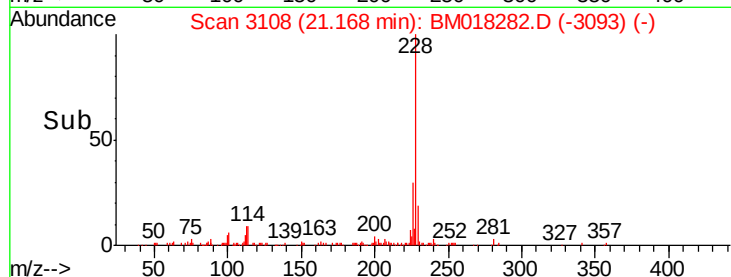
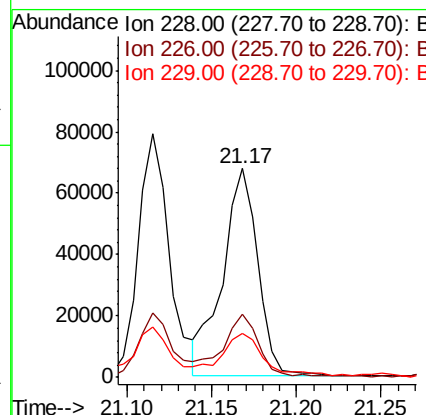
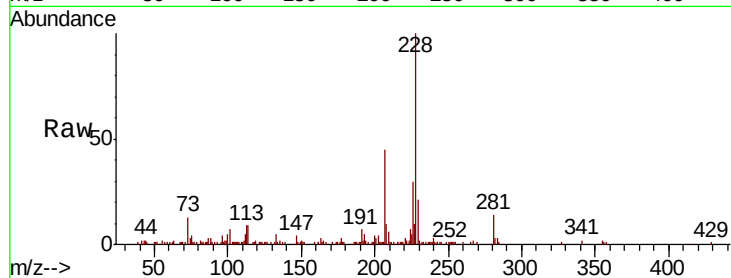




#83
Chrysene
Concen: 3.837 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

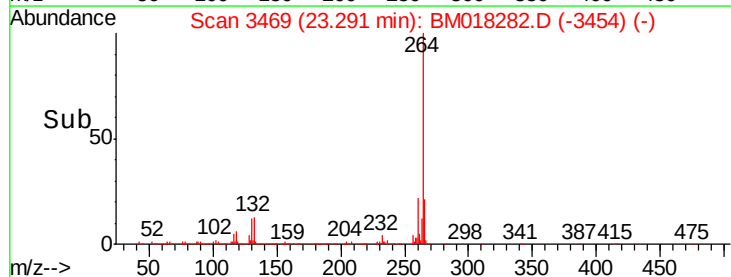
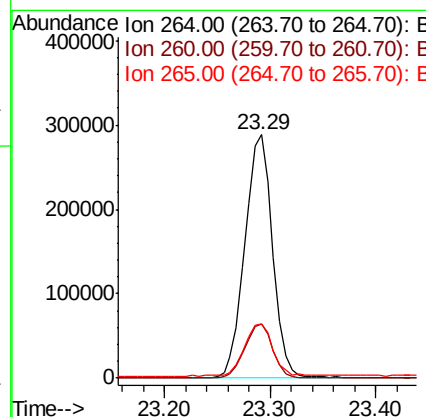
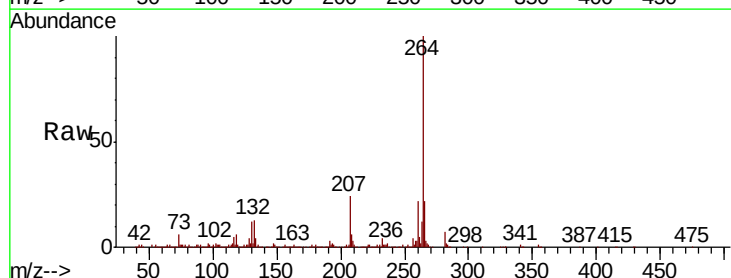
Instrument :
BNA_M
ClientSampleId :
SB-10A

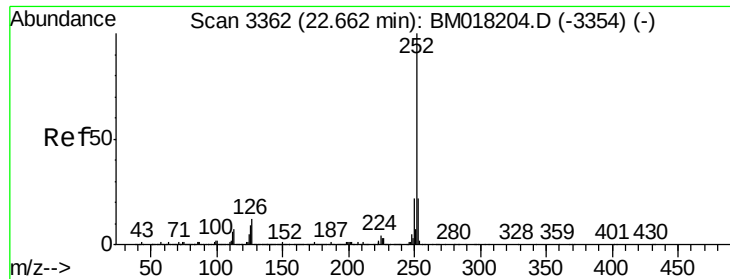
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.1	34.7
229	21.3	15.8	23.6



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.5	26.3
265	22.2	17.3	25.9

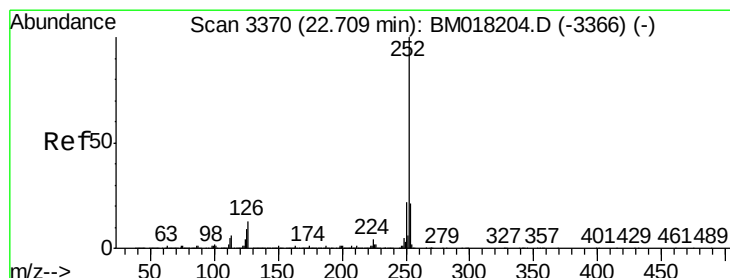
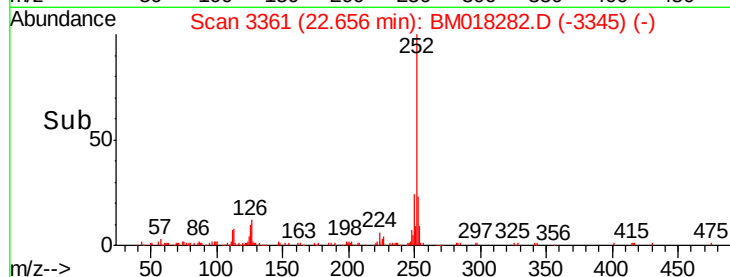
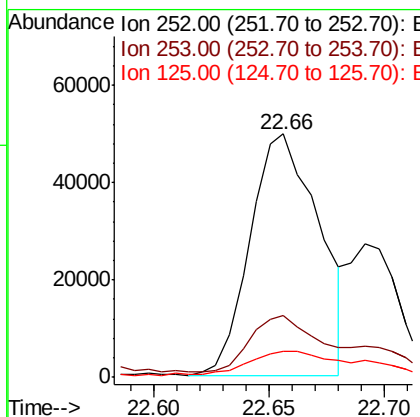
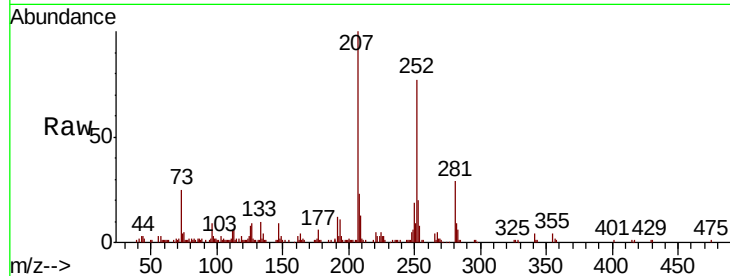




#88
Benzo(b)fluoranthene
Concen: 3.492 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

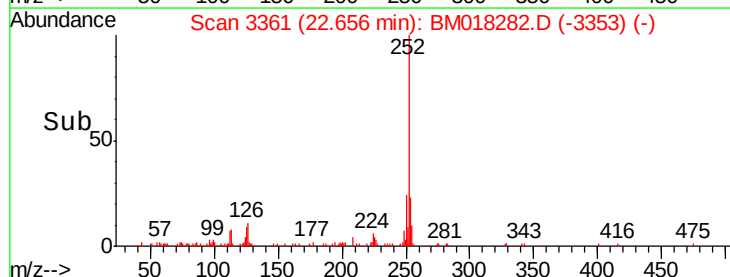
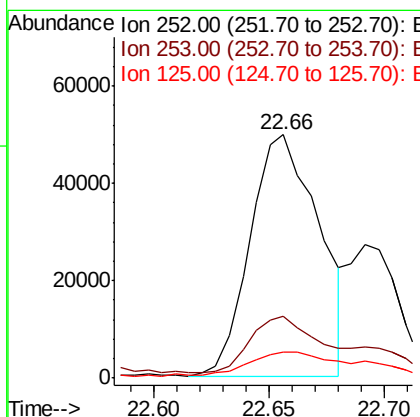
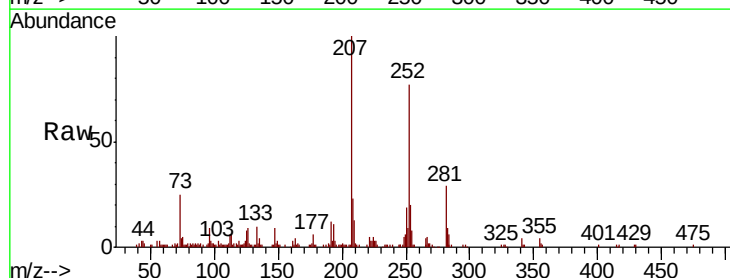
Instrument :
BNA_M
ClientSampleId :
SB-10A

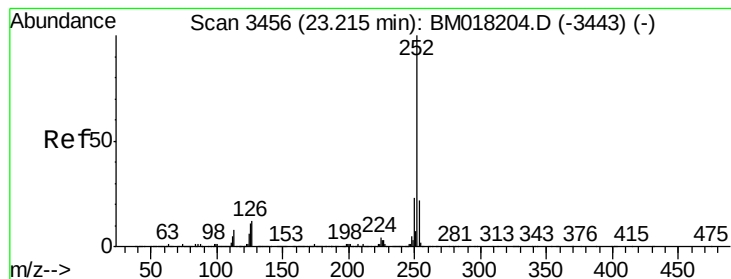
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.6	26.4
125	10.9	7.4	11.0



#89
Benzo(k)fluoranthene
Concen: 3.507 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BM018282.D
Acq: 18 Dec 2018 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	16.9	25.3#
125	10.9	7.5	11.3





#90

Benzo(a)pyrene

Concen: 2.258 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018282.D

Acq: 18 Dec 2018 21:48

Instrument :

BNA_M

ClientSampleId :

SB-10A

Tgt Ion: 252 Resp: 63432

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 12.6 8.6 12.8

