

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018478.D
 Acq On : 09 Jan 2019 18:17
 Operator : JU/SJ
 Sample : K1006-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-G

Quant Time: Jan 10 05:38:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

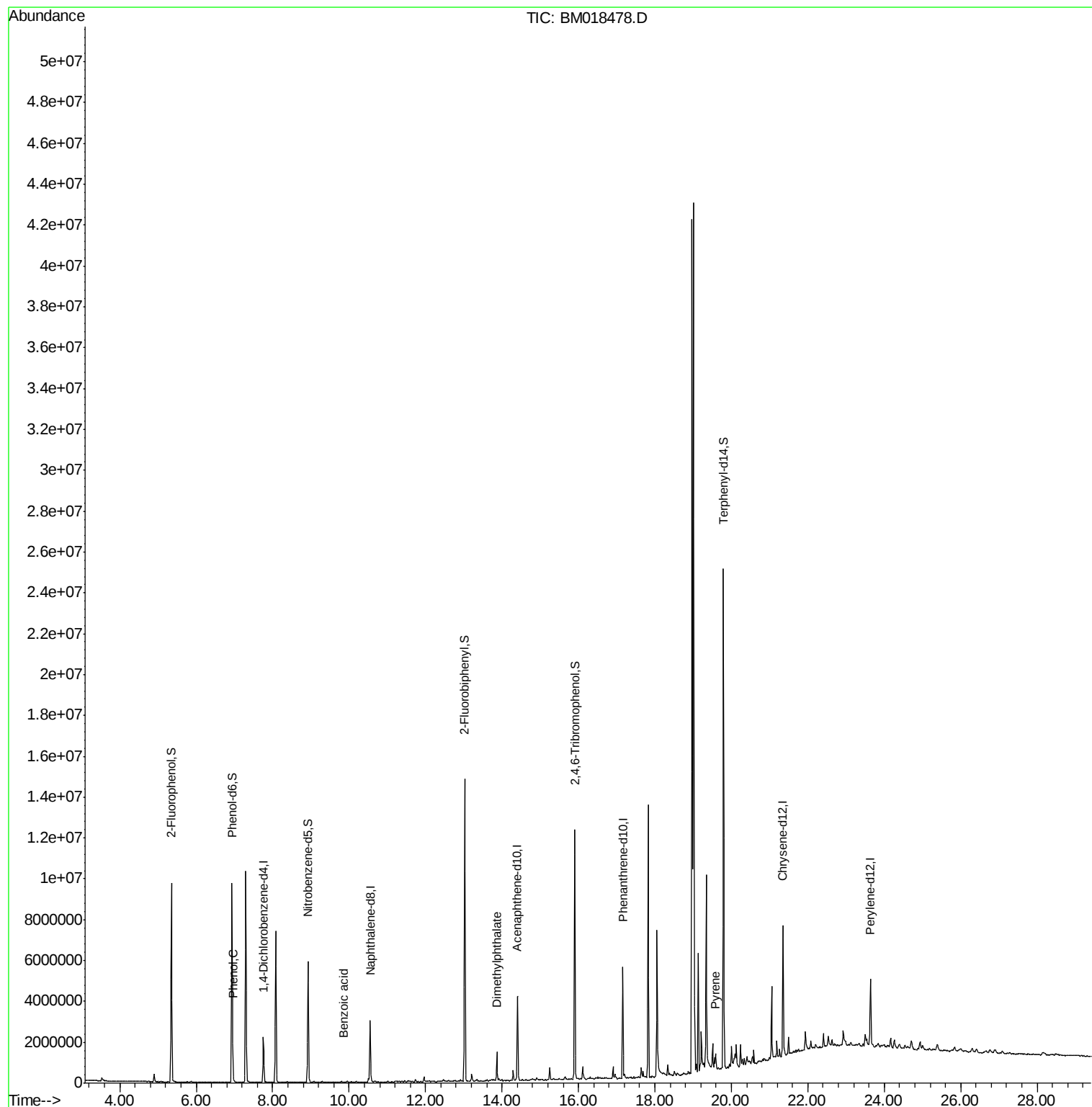
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	607700	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2486363	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1398677	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3225635	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2824639	20.00	ng	0.00
87) Perylene-d12	23.64	264	2394264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	4057174	123.28	ng	0.00
7) Phenol-d6	6.94	99	5269632	126.06	ng	0.00
23) Nitrobenzene-d5	8.93	82	3217081	75.01	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2160907	121.34	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7660003	71.46	ng	0.00
79) Terphenyl-d14	19.79	244	10945320	81.69	ng	0.00
Target Compounds						
10) Phenol	6.96	94	225634	5.312	ng	93
32) Benzoic acid	9.86	122	114	6.507	ng	# 3
50) Dimethylphthalate	13.87	163	880362	7.664	ng	99
78) Pyrene	19.59	202	405788	2.424	ng	99

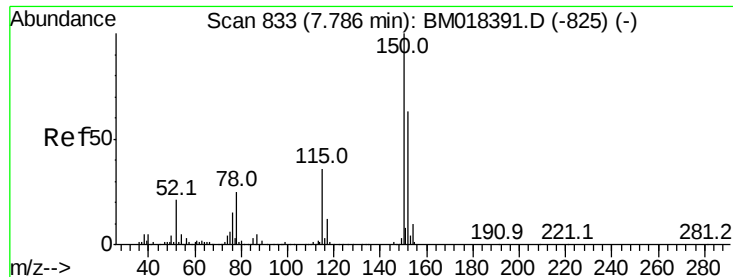
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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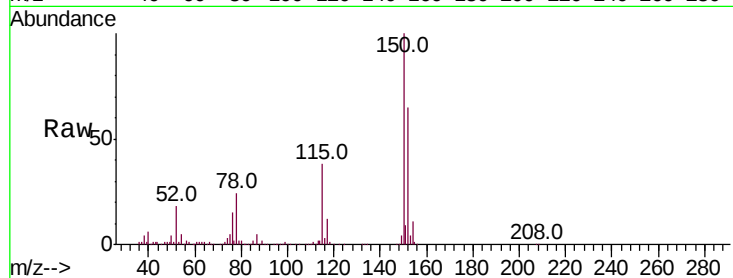


#1

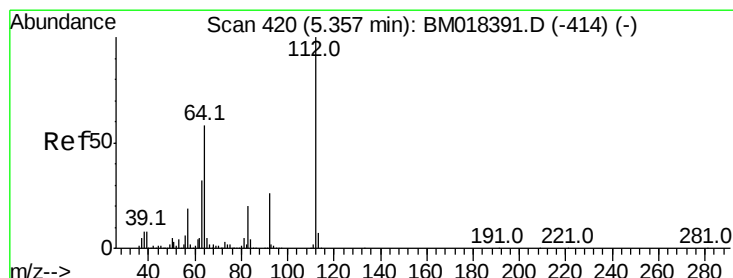
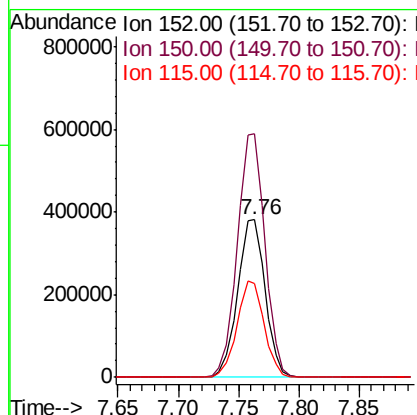
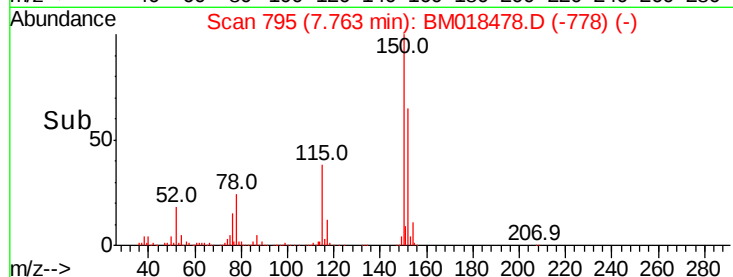
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.9	190.3
115	59.3	45.5	68.3



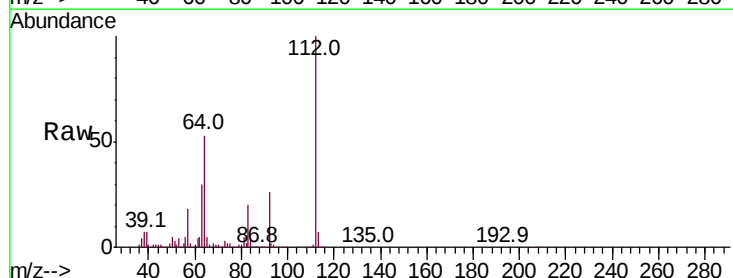
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



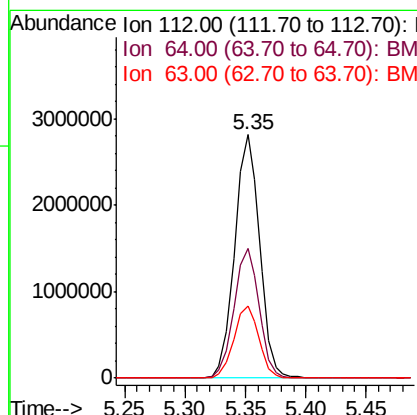
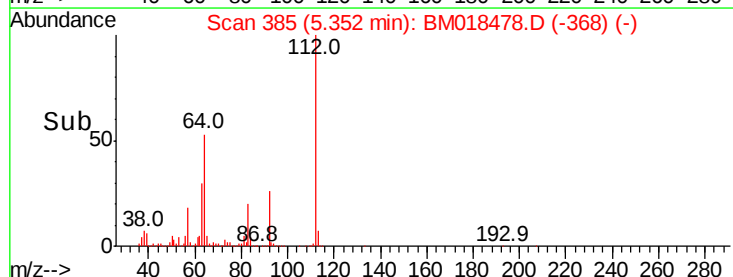
#5

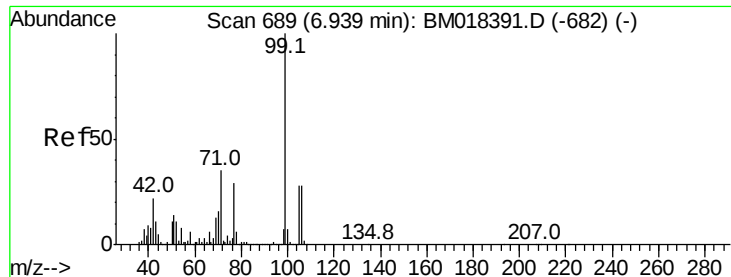
2-Fluorophenol
Concen: 123.277 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.8	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: 126.065 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-G

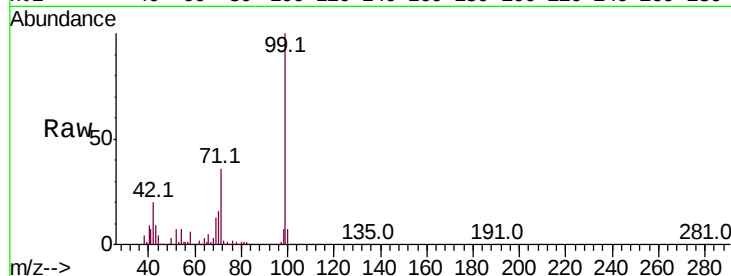
Tot Ion: 99 Resp: 5269632

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

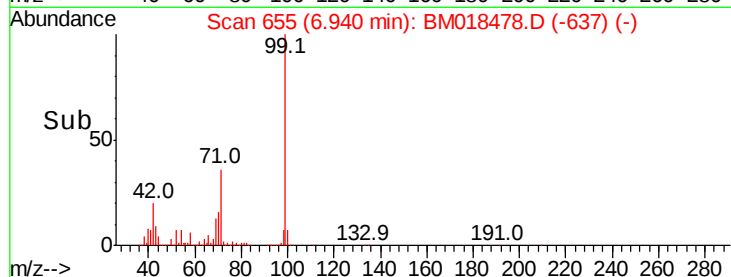
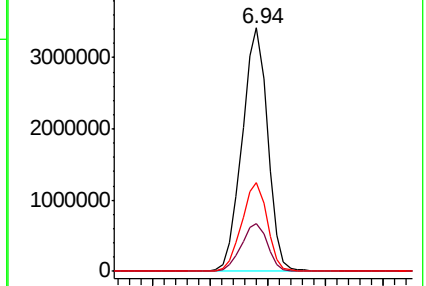
71 36.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#10

Phenol

Concen: 5.312 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

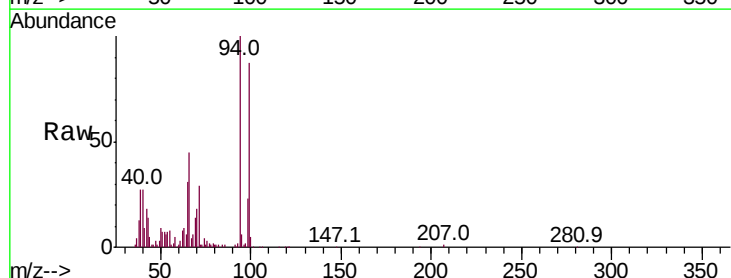
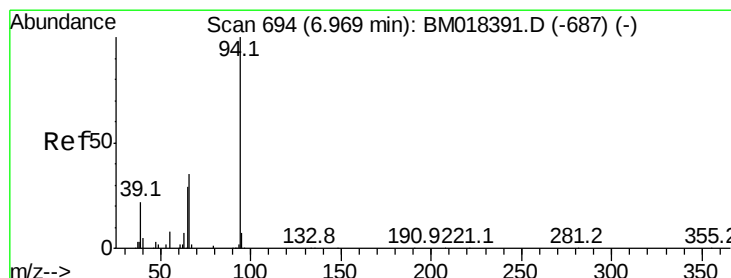
Tgt Ion: 94 Resp: 225634

Ion Ratio Lower Upper

94 100

65 30.6 9.4 49.4

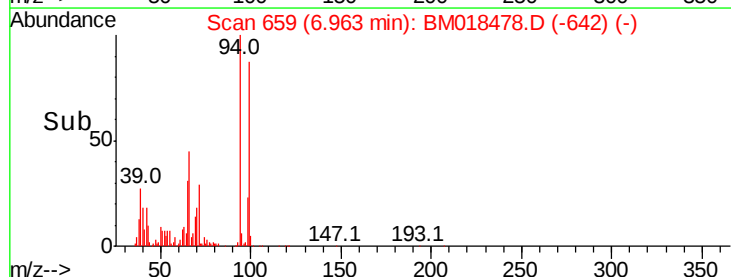
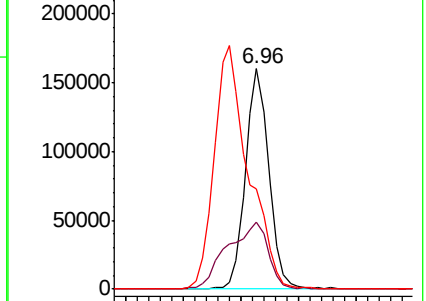
66 45.4 19.1 59.1

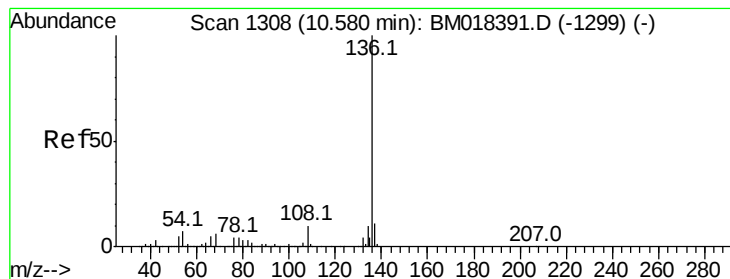


Abundance Ion 94.00 (93.70 to 94.70): BM018391.D (-687) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-687) (-)

Ion 66.00 (65.70 to 66.70): BM018391.D (-687) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-G

Tot Ion:136 Resp: 2486363

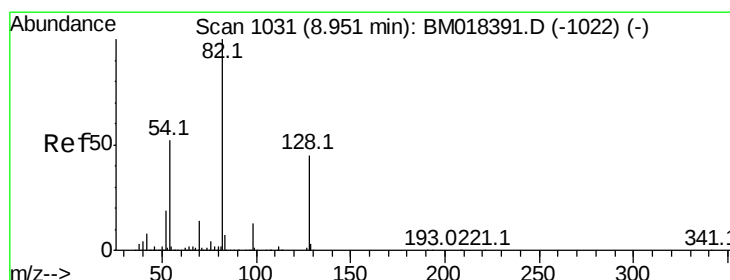
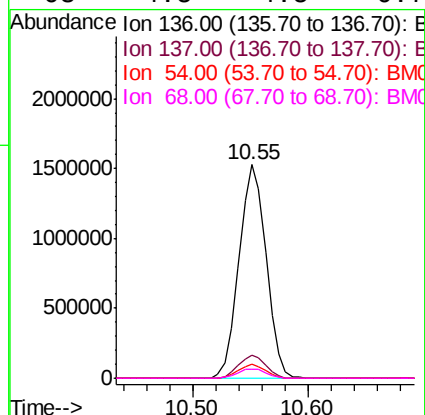
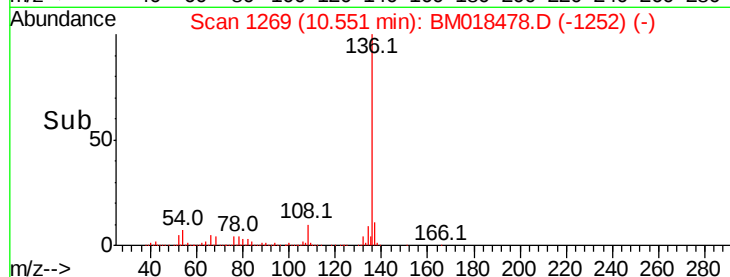
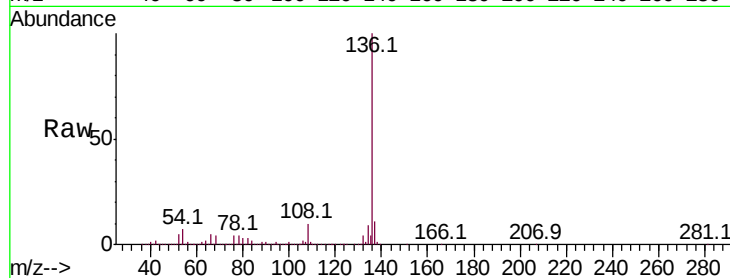
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.6 6.0 9.0

68 4.5 4.5 6.7#



#23

Nitrobenzene-d5

Concen: 75.008 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

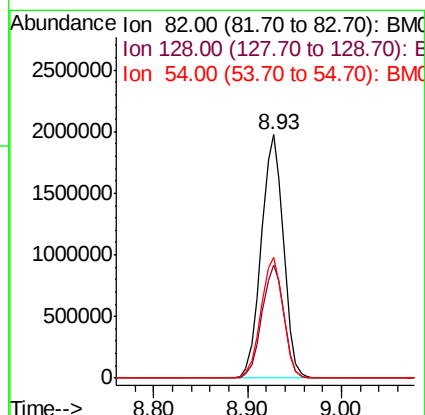
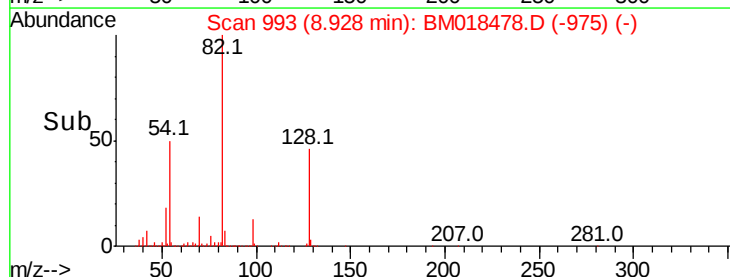
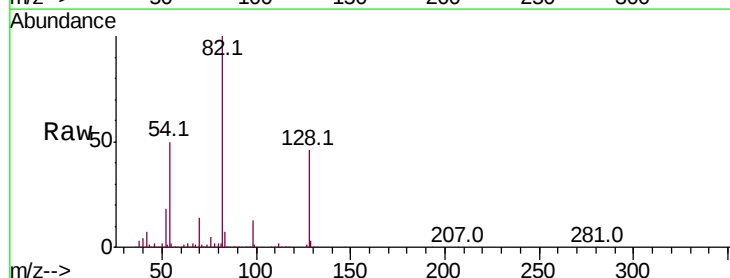
Tgt Ion: 82 Resp: 3217081

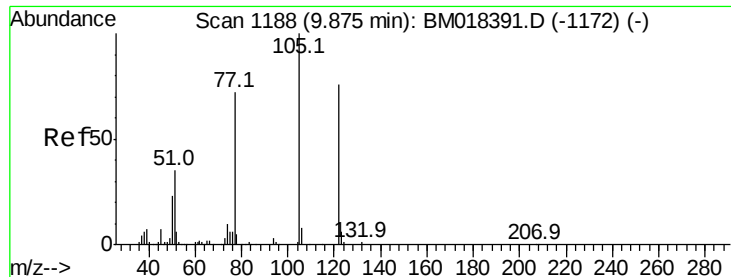
Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 49.8 41.7 62.5

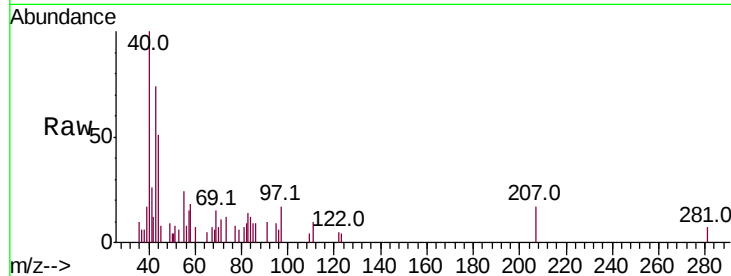




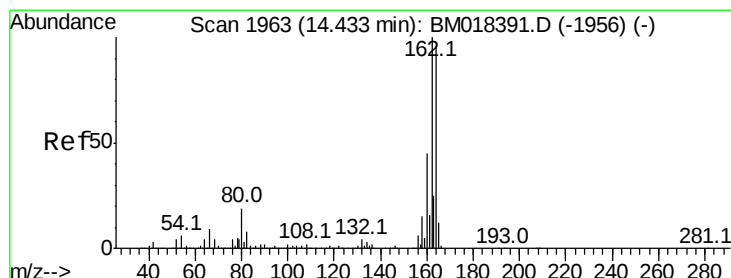
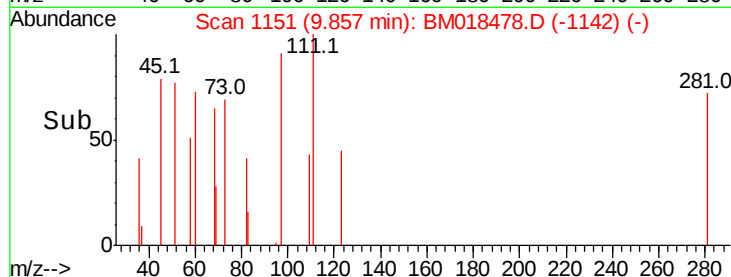
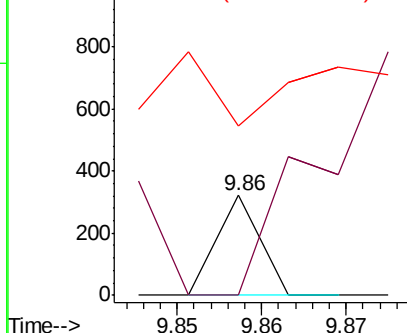
#32
Benzoic acid
Concen: 6.507 ng
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Instrument :
BNA_M
ClientSampleId :
JC-03-010819-G

Tot Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 169.3 71.7 111.7#

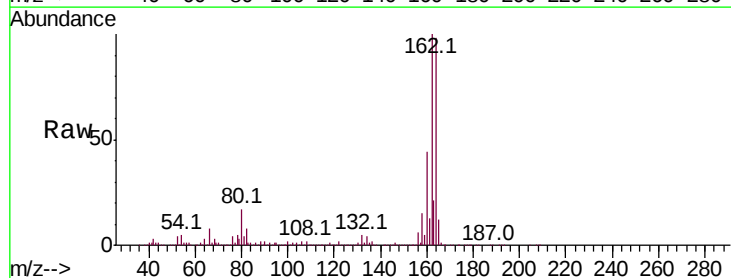


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

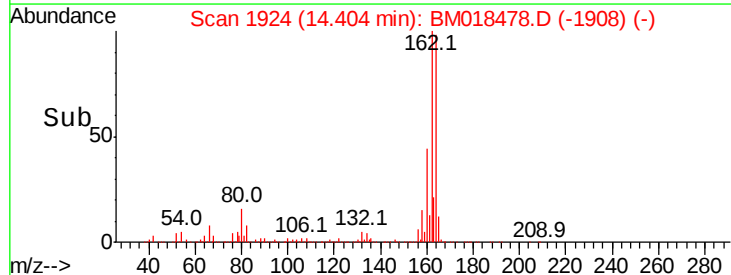
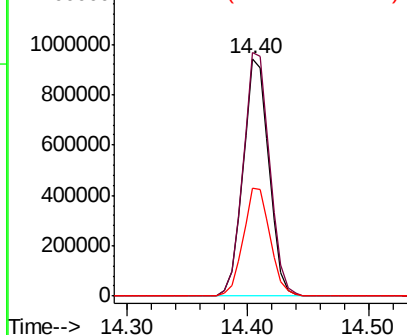


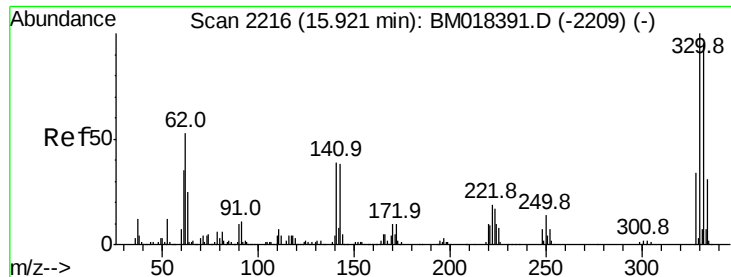
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018478.D
Acq: 09 Jan 2019 18:17

Tgt Ion:164 Resp: 1398677
Ion Ratio Lower Upper
164 100
162 102.4 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



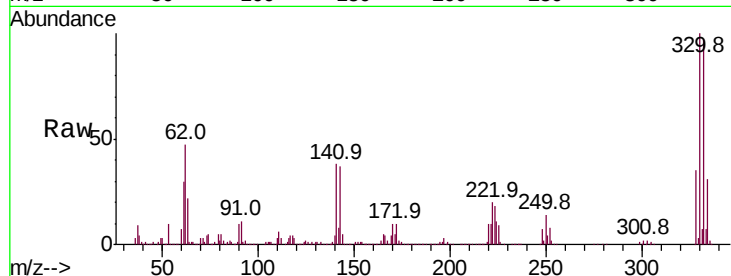


#42
 2,4,6-Tribromophenol
 Concen: 121.337 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018478.D
 Acq: 09 Jan 2019 18:17

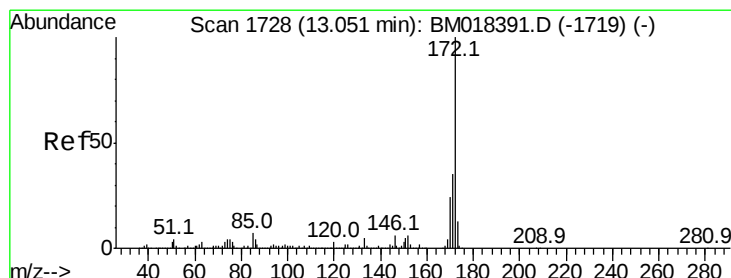
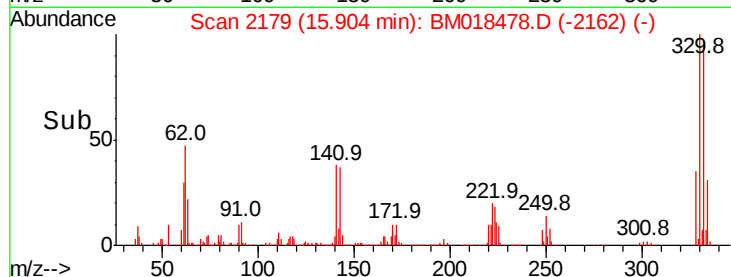
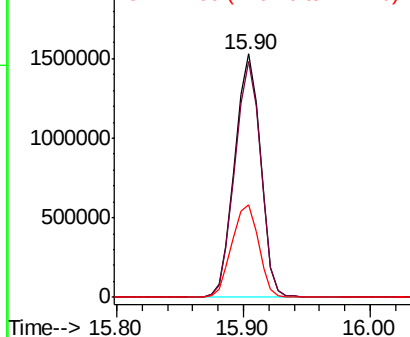
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-G

Tot Ion:330 Resp: 2160907

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	39.2	31.7	47.5



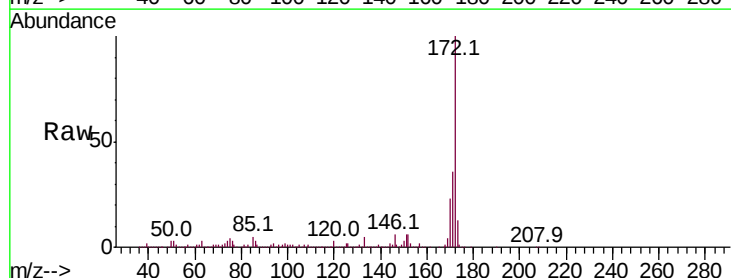
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



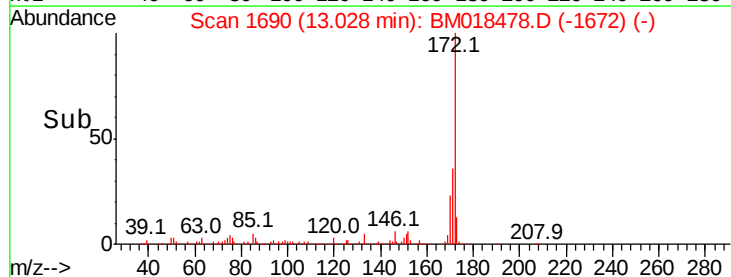
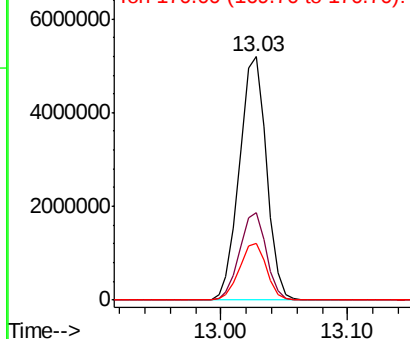
#45
 2-Fluorobiphenyl
 Concen: 71.462 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM018478.D
 Acq: 09 Jan 2019 18:17

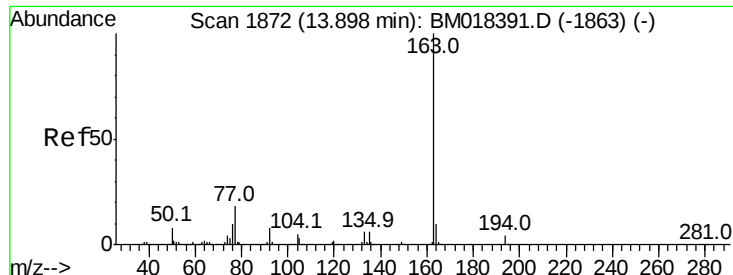
Tgt Ion:172 Resp: 7660003

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	23.4	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: 7.664 ng

RT: 13.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

Instrument :

BNA_M

ClientSampleId :

JC-03-010819-G

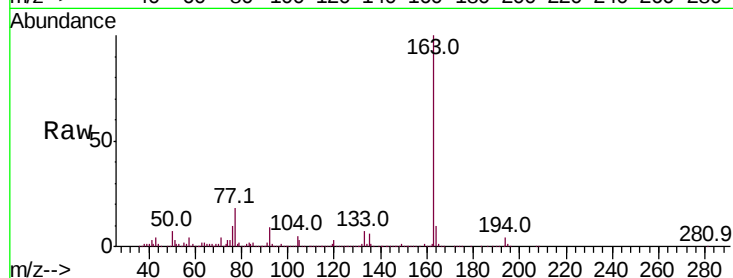
Tot Ion:163 Resp: 880362

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

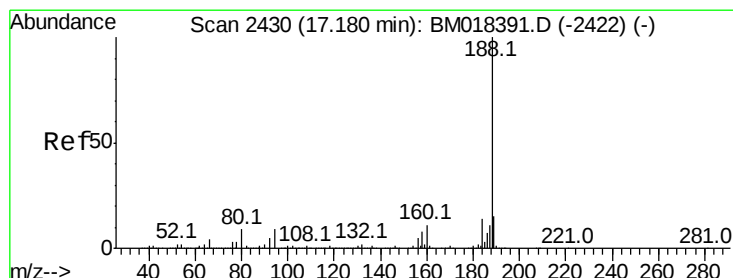
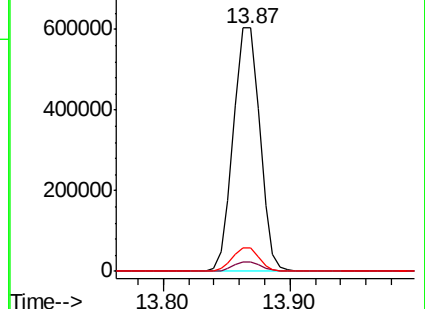
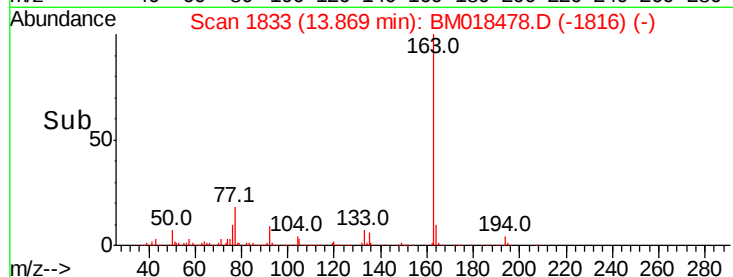
164 9.6 7.8 11.8



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: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

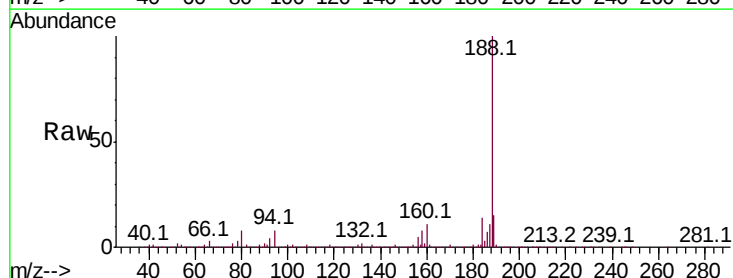
Tgt Ion:188 Resp: 3225635

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

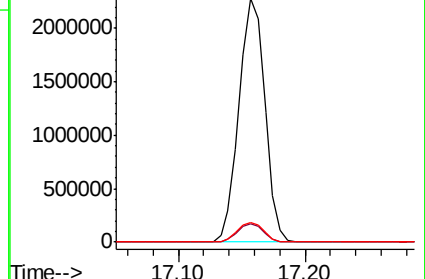
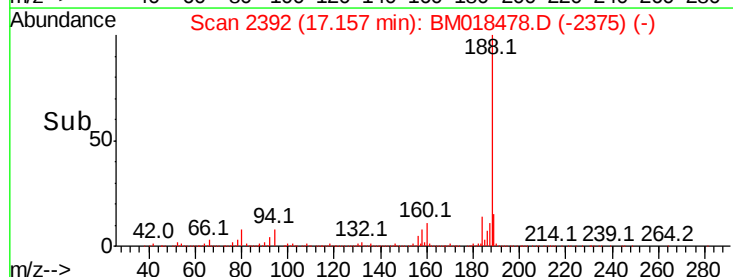
80 7.9 7.6 11.4

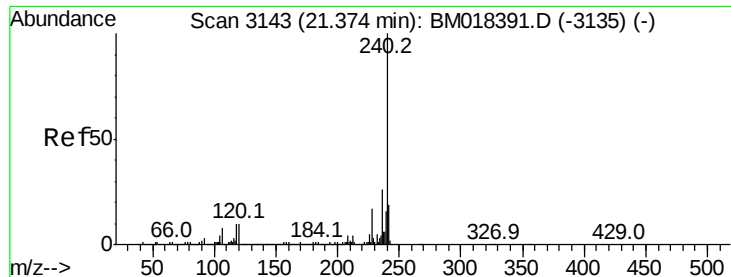


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

Instrument :

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JC-03-010819-G

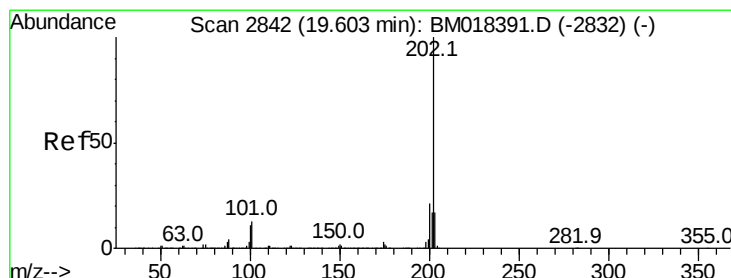
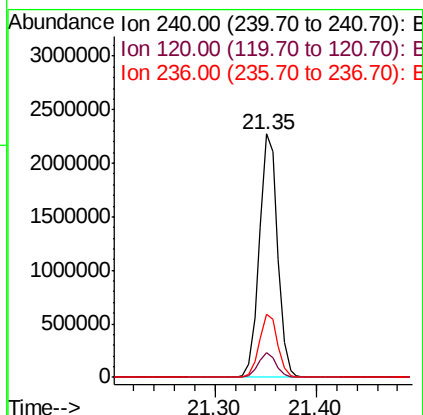
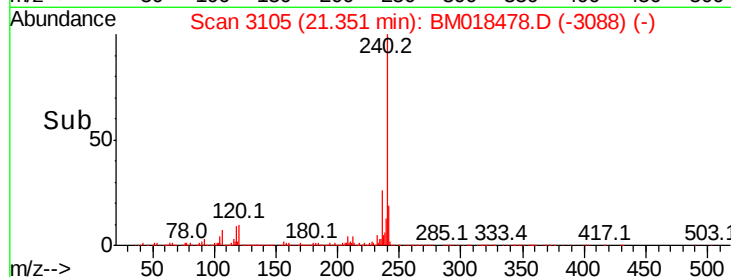
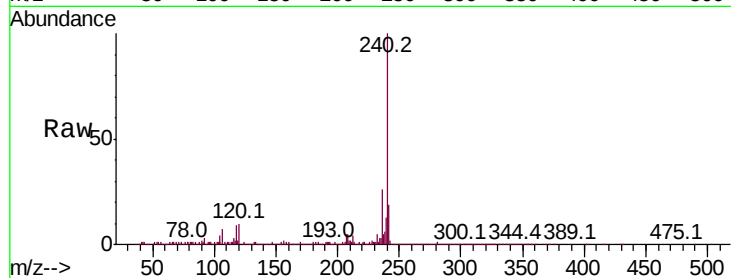
Tot Ion:240 Resp: 2824639

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 25.7 20.7 31.1



#78

Pyrene

Concen: 2.424 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018478.D

Acq: 09 Jan 2019 18:17

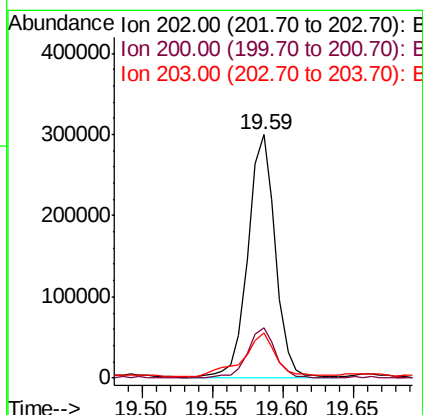
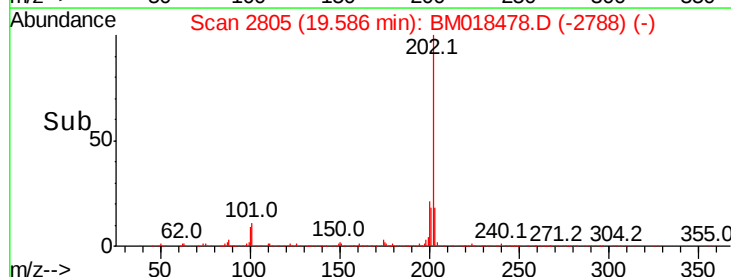
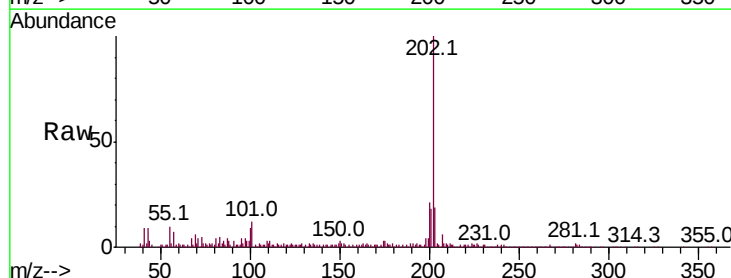
Tgt Ion:202 Resp: 405788

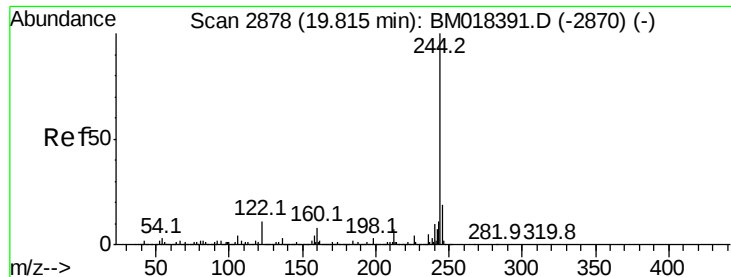
Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

203 18.7 13.8 20.8

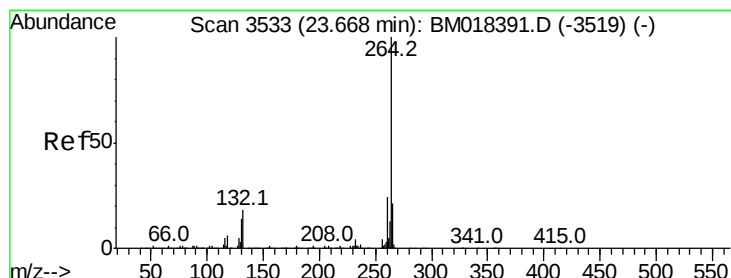
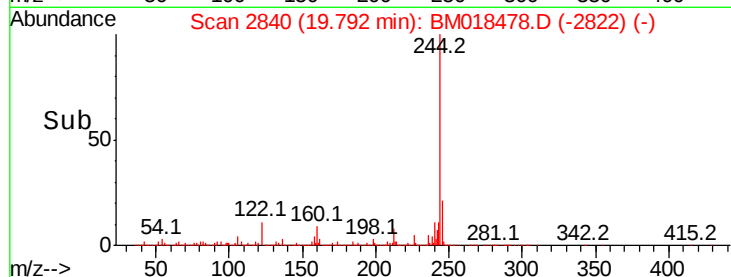
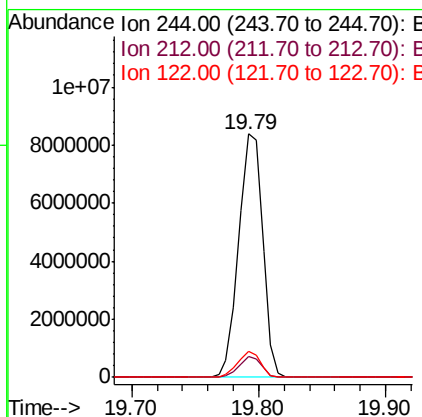
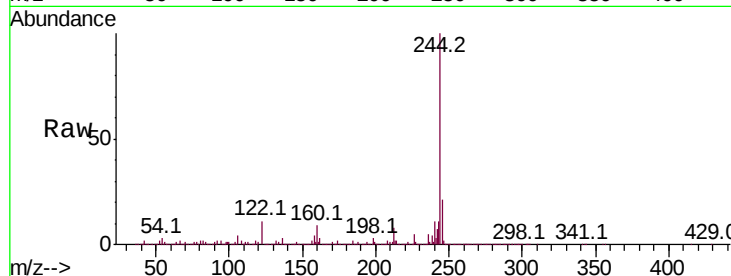




#79
 Terphenyl-d14
 Concen: 81.685 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018478.D
 Acq: 09 Jan 2019 18:17

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-010819-G

Tot Ion:244 Resp:10945320
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 10.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3494
 Delta R.T. 0.01 min
 Lab File: BM018478.D
 Acq: 09 Jan 2019 18:17

Tgt Ion:264 Resp: 2394264
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.8 16.8 25.2

