

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018487.D
 Acq On : 09 Jan 2019 23:42
 Operator : JU/SJ
 Sample : K1081-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819

Quant Time: Jan 10 06:39:22 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

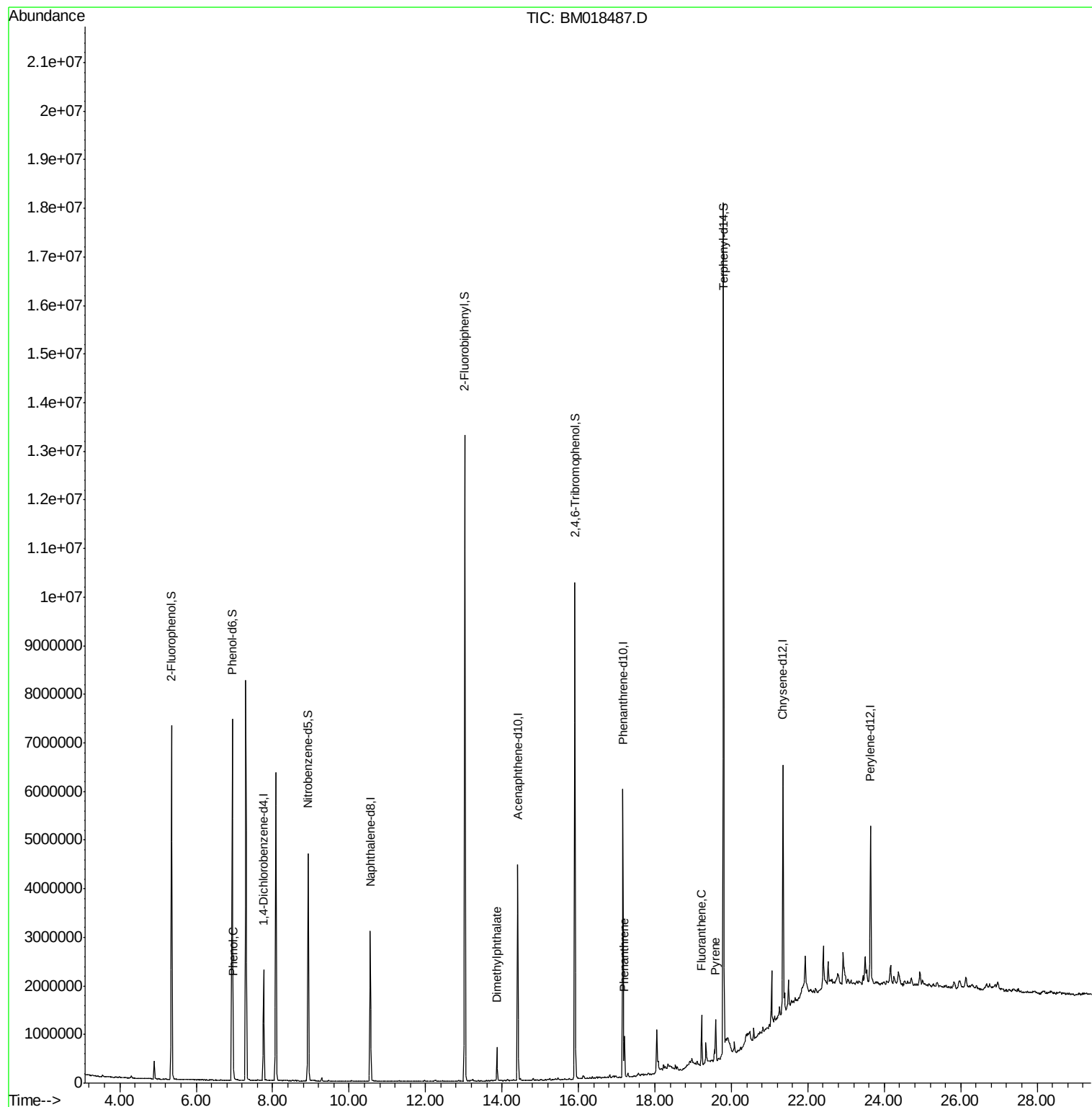
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	606767	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2536889	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1463355	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3226776	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2305018	20.00	ng	0.00
87) Perylene-d12	23.64	264	2257344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	3178736	96.73	ng	0.00
7) Phenol-d6	6.95	99	4196557	100.55	ng	0.01
23) Nitrobenzene-d5	8.93	82	2600013	59.41	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1801506	96.69	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6579390	58.67	ng	0.00
79) Terphenyl-d14	19.79	244	8031337	73.45	ng	0.00
Target Compounds						
10) Phenol	6.97	94	182370	4.300	ng	95
50) Dimethylphthalate	13.87	163	428395	3.565	ng	99
71) Phenanthrene	17.20	178	479635	2.795	ng	100
75) Fluoranthene	19.22	202	615220	3.109	ng	98
78) Pyrene	19.59	202	492733	3.606	ng	99

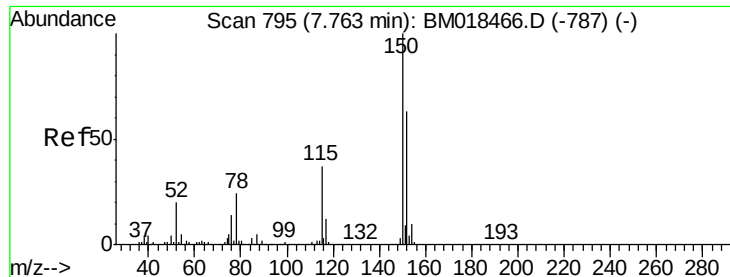
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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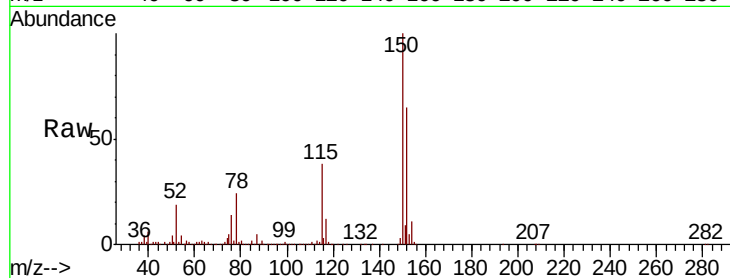


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BM018487.D
 Acq: 09 Jan 2019 23:42

Instrument :
 BNA_M
 ClientSampleId :
 SUP-3B-C-1-010819

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	58.7	45.5	68.3

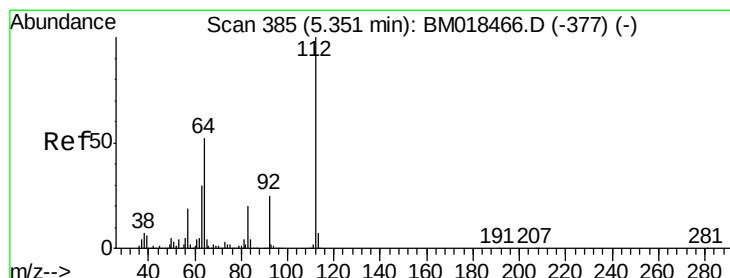
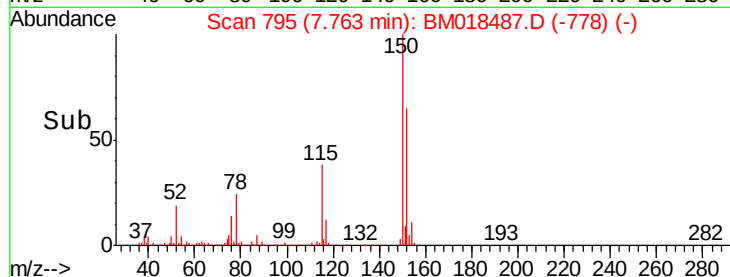
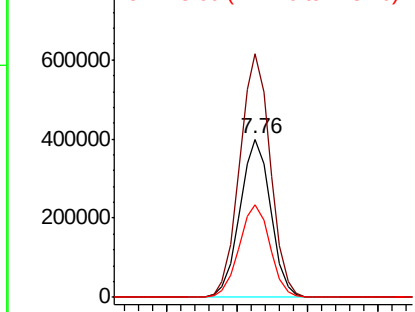


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

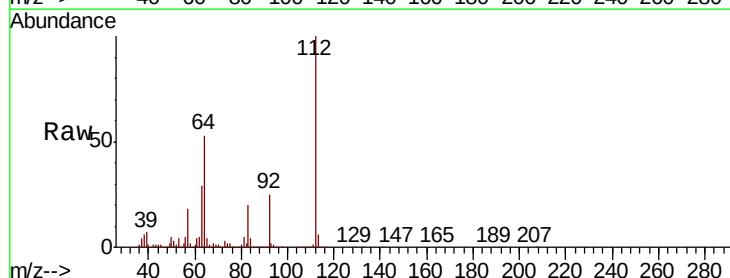
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 96.734 ng
 RT: 5.36 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BM018487.D
 Acq: 09 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.5	69.7
63	29.5	25.2	37.8

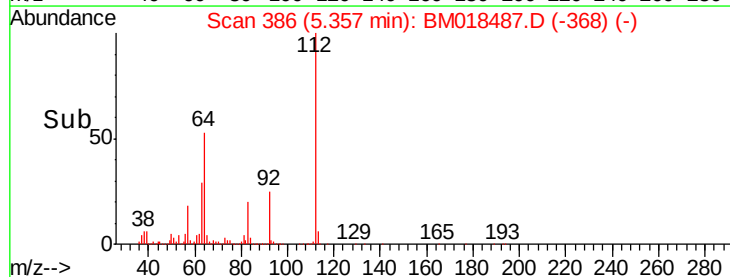
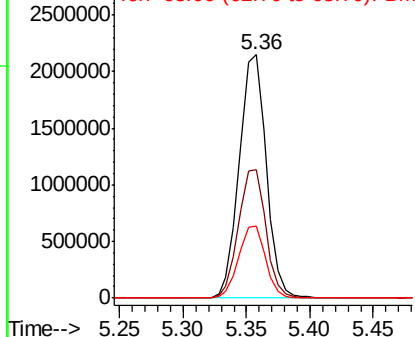


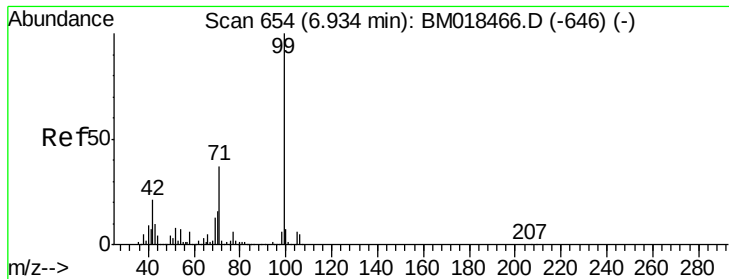
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 100.548 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

Instrument :

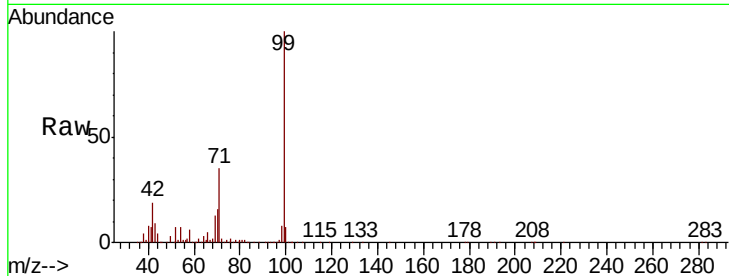
BNA_M

ClientSampleId :

SUP-3B-C-1-010819

Tot Ion: 99 Resp: 4196557

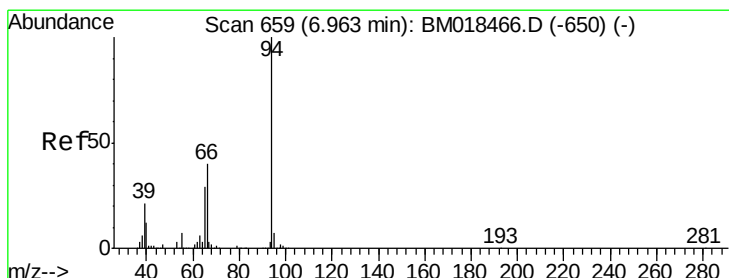
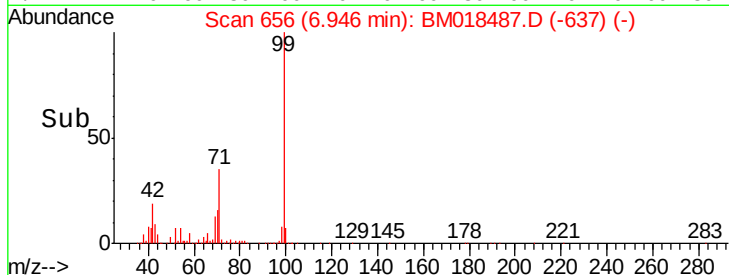
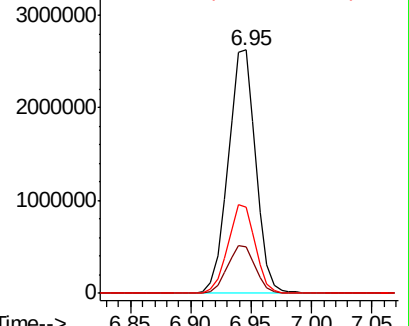
Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.3	25.9
71	35.4	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#10

Phenol

Concen: 4.300 ng

RT: 6.97 min Scan# 660

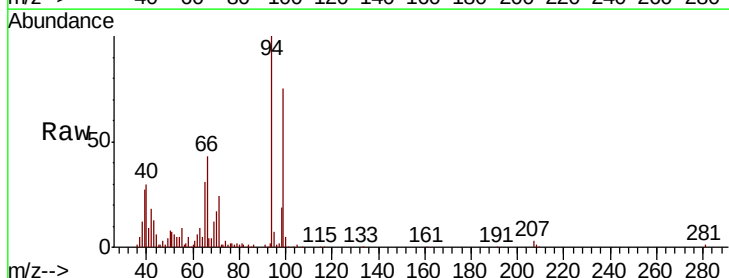
Delta R.T. 0.01 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

Tgt Ion: 94 Resp: 182370

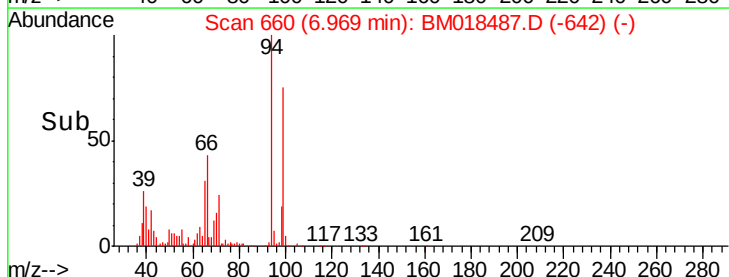
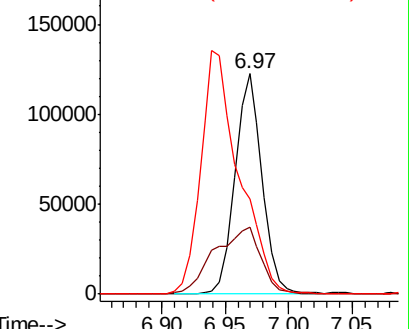
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.4	49.4
66	43.5	19.1	59.1

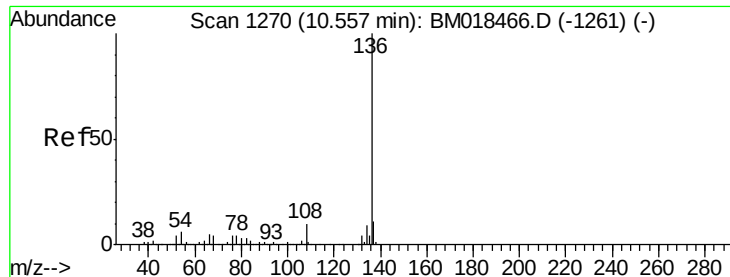


Abundance Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

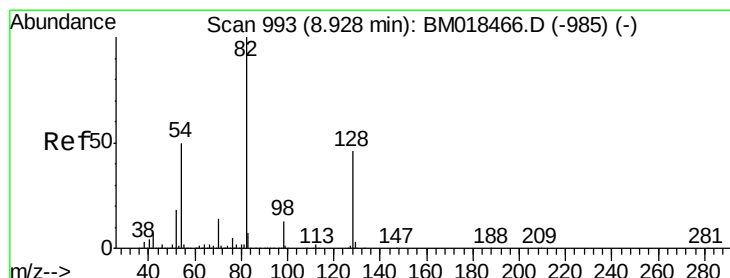
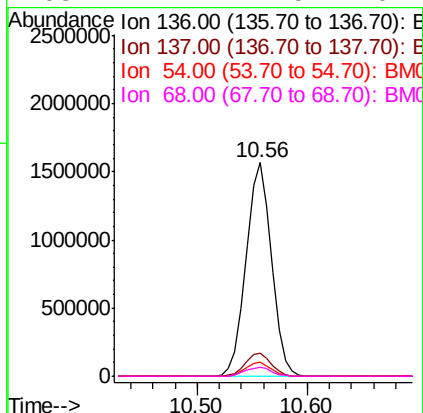
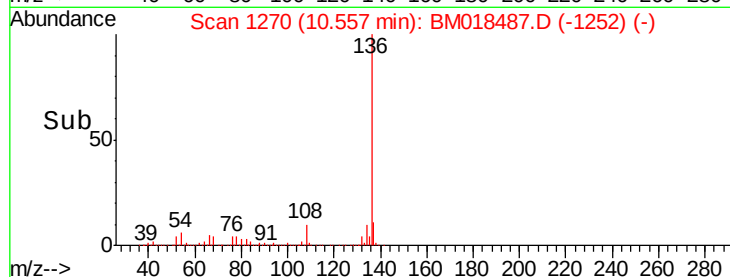
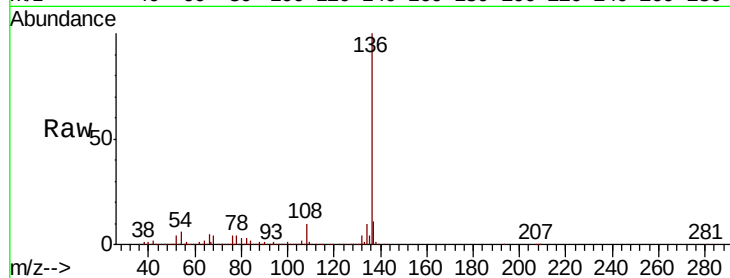




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

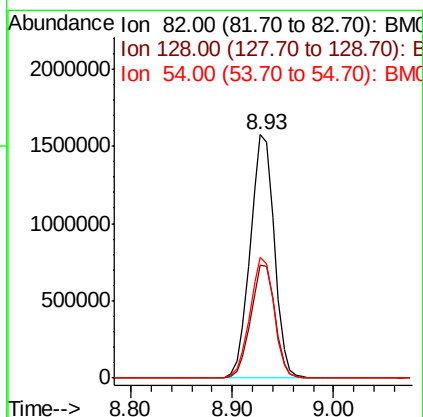
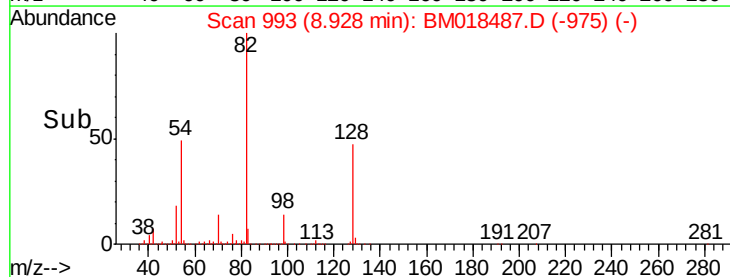
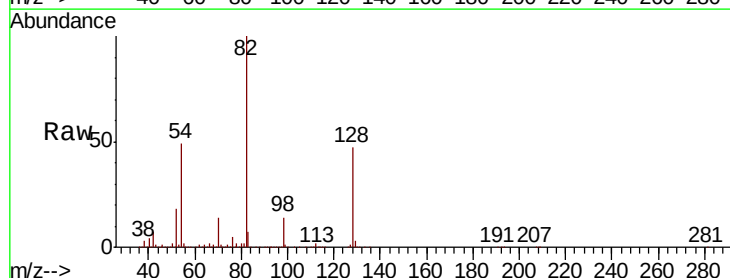
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819

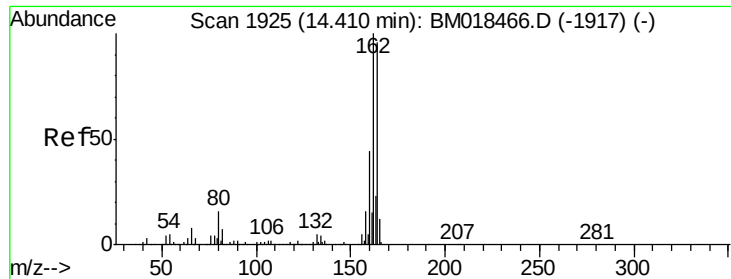
Tot Ion:136 Resp: 2536889
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.4 6.0 9.0
68 4.4 4.5 6.7#



#23
Nitrobenzene-d5
Concen: 59.413 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

Tgt Ion: 82 Resp: 2600013
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 49.4 41.7 62.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819

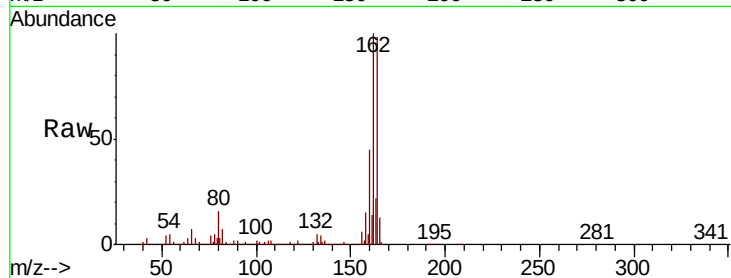
Tot Ion:164 Resp: 1463355

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.4

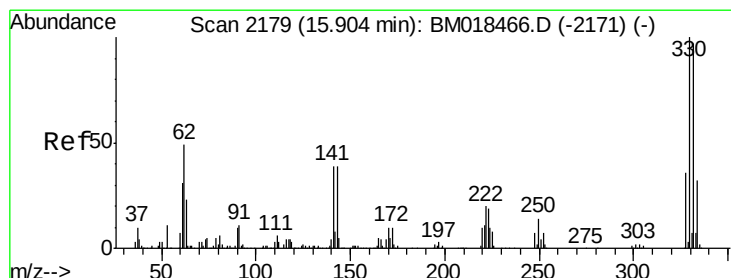
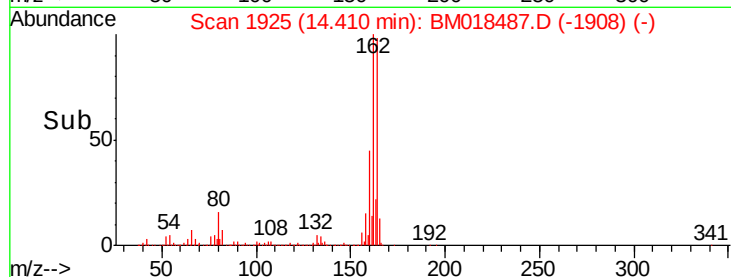
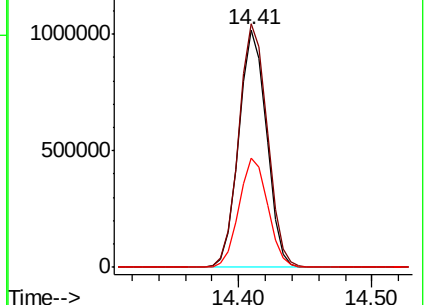
160 46.0 37.1 55.7



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: 96.686 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

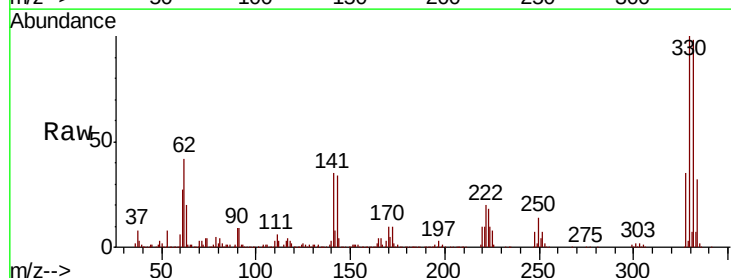
Tgt Ion:330 Resp: 1801506

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

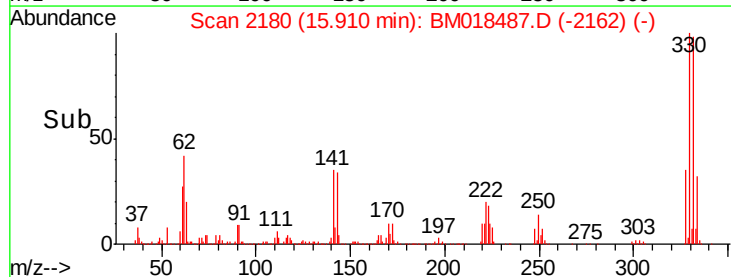
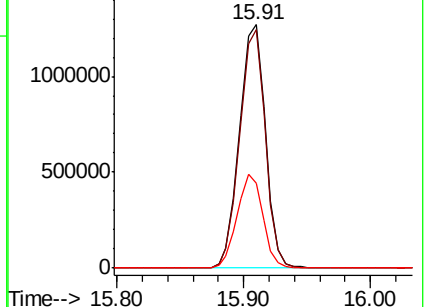
141 38.5 31.7 47.5

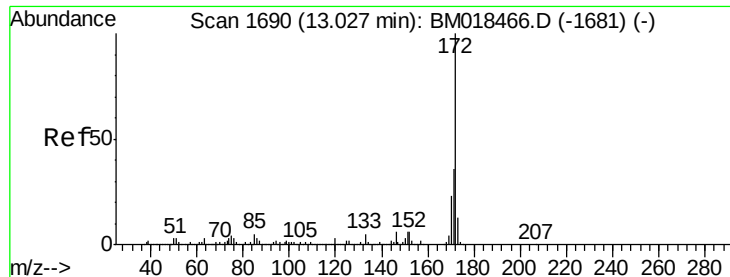


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

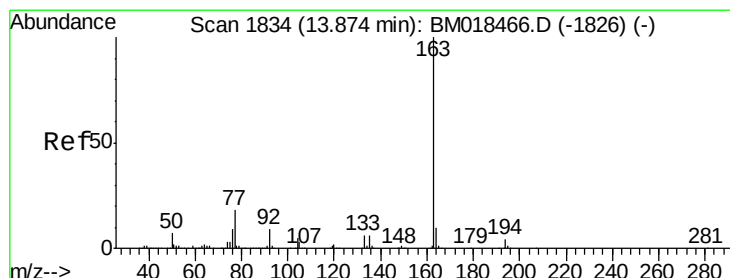
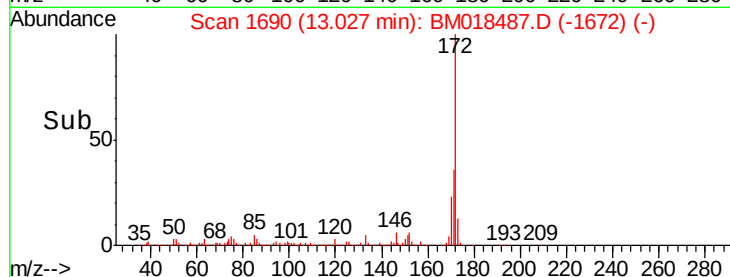
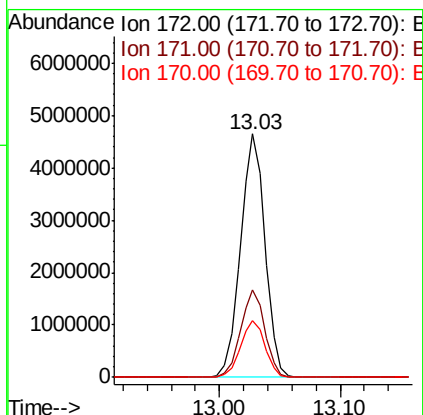
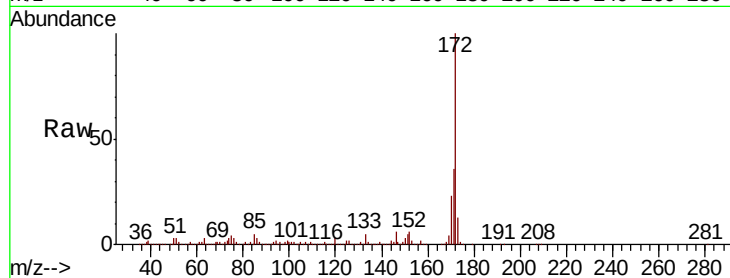




#45
2-Fluorobiphenyl
Concen: 58.668 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

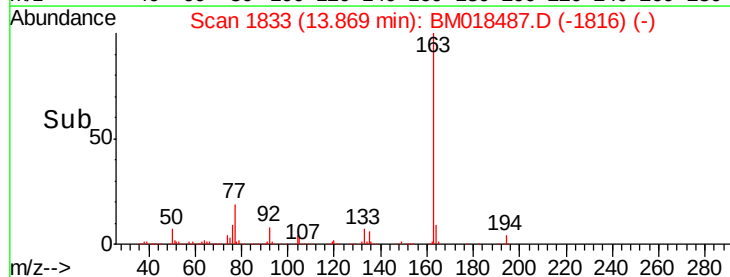
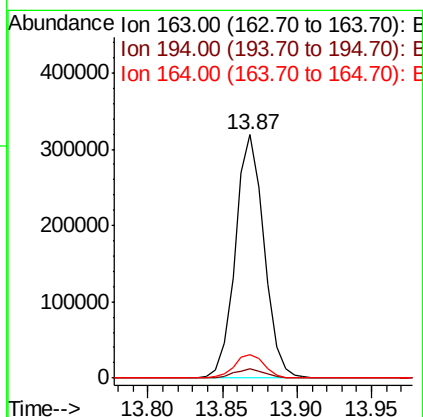
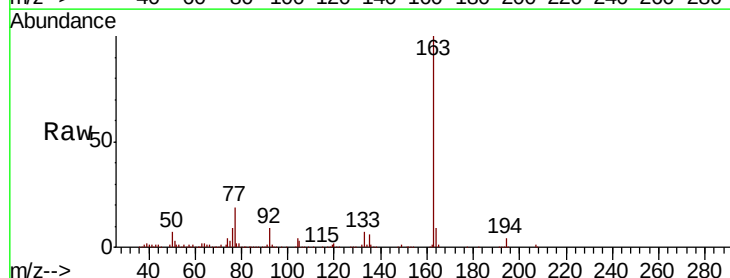
Instrument :
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ClientSampleId :
SUP-3B-C-1-010819

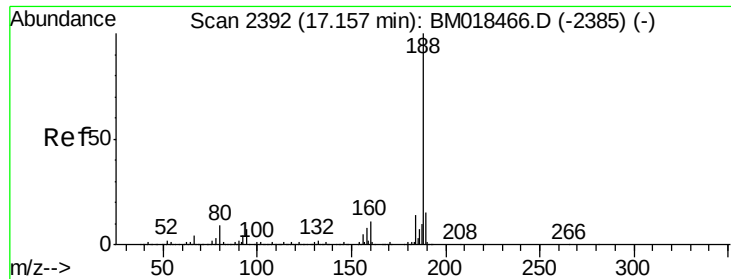
Tot Ion:172 Resp: 6579390
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.2 18.9 28.3



#50
Dimethylphthalate
Concen: 3.565 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

Tgt Ion:163 Resp: 428395
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.4 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

Instrument :

BNA_M

ClientSampleId :

SUP-3B-C-1-010819

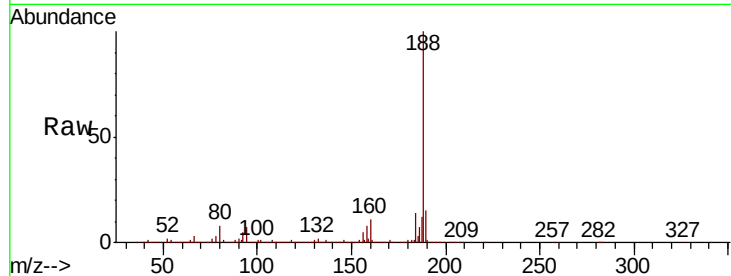
Tot Ion:188 Resp: 3226776

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.3	7.6	11.4

188 100

94 7.4 7.1 10.7

80 8.3 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

17.16

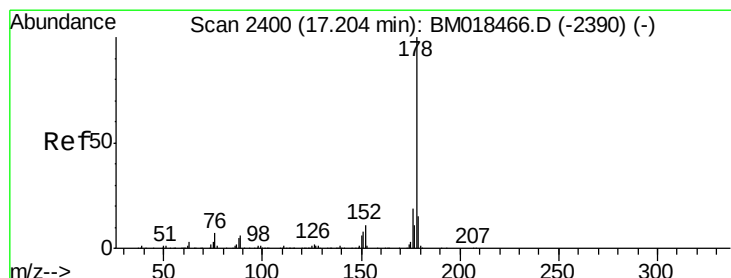
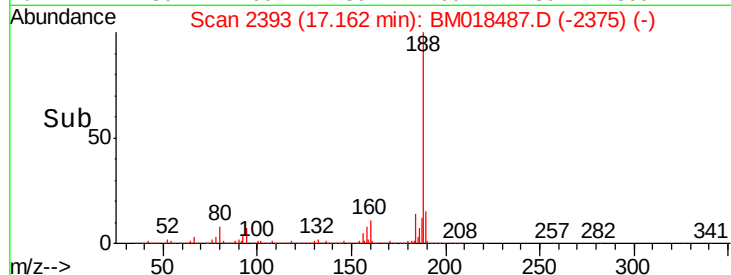
2000000

1000000

0

Time-->

17.10 17.20



#71

Phenanthrene

Concen: 2.795 ng

RT: 17.20 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

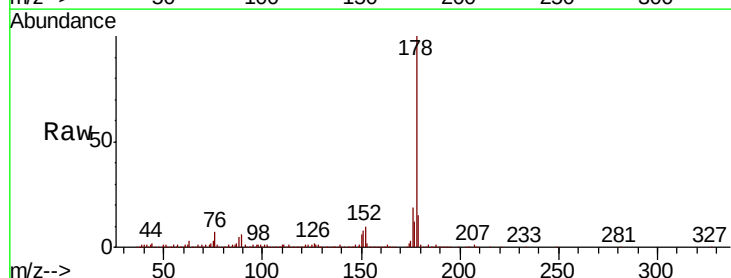
Tgt Ion:178 Resp: 479635

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.3	12.2	18.4

178 100

176 18.9 15.4 23.0

179 15.3 12.2 18.4



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

17.20

400000

300000

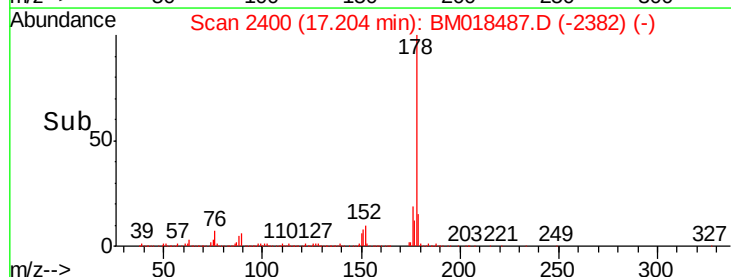
200000

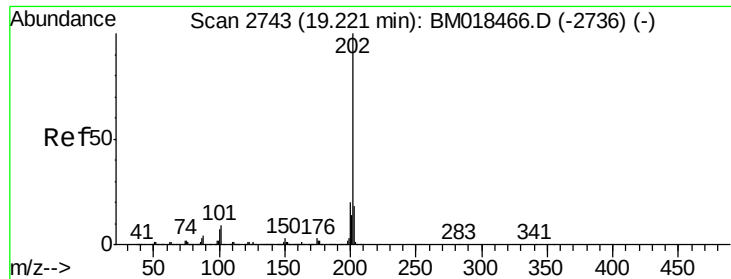
100000

0

Time-->

17.10 17.20





#75

Fluoranthene

Concen: 3.109 ng

RT: 19.22 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

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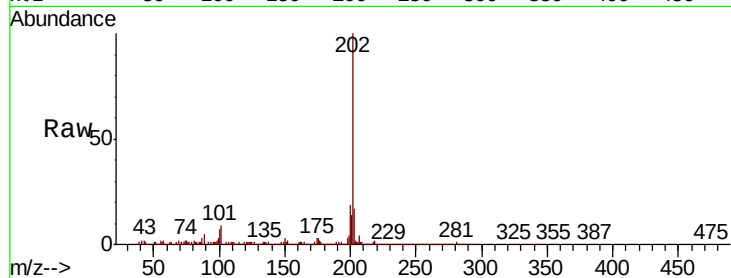
Tot Ion:202 Resp: 615220

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.9

203 17.4 0.0 37.4

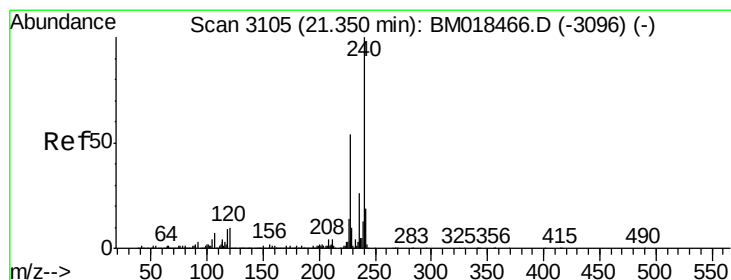
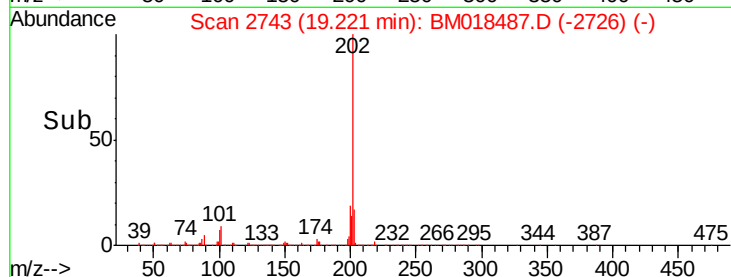
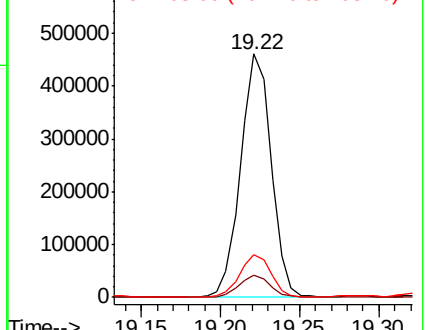


Abundance

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: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018487.D

Acq: 09 Jan 2019 23:42

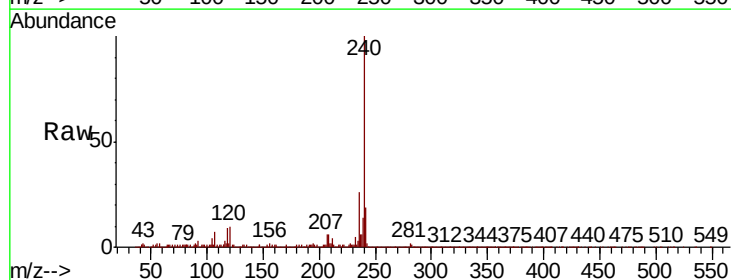
Tgt Ion:240 Resp: 2305018

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 26.1 20.7 31.1

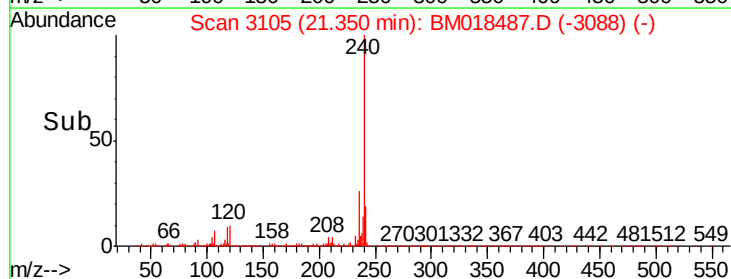
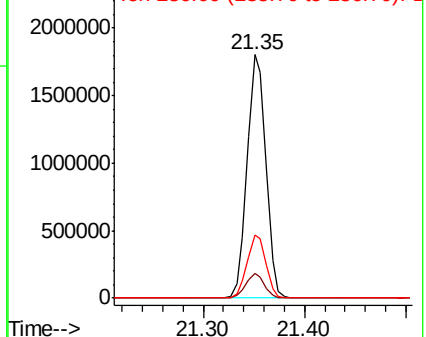


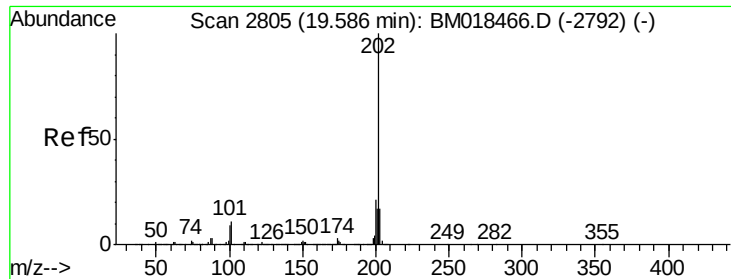
Abundance

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

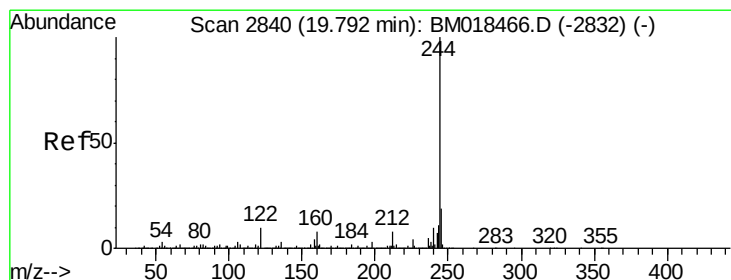
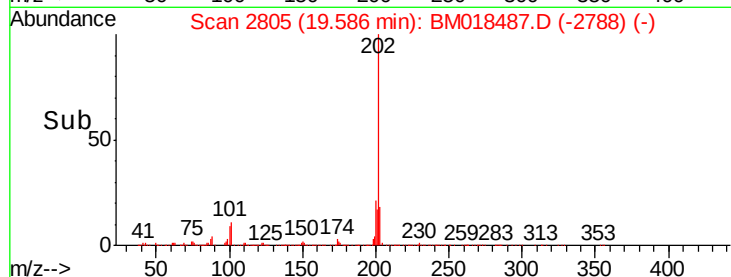
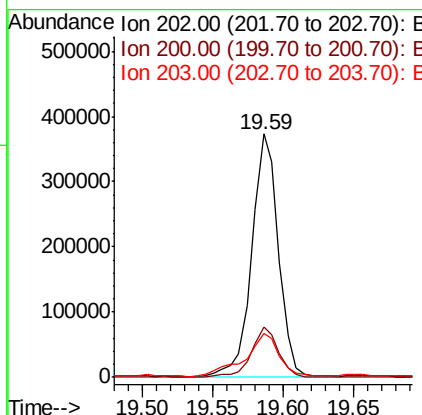
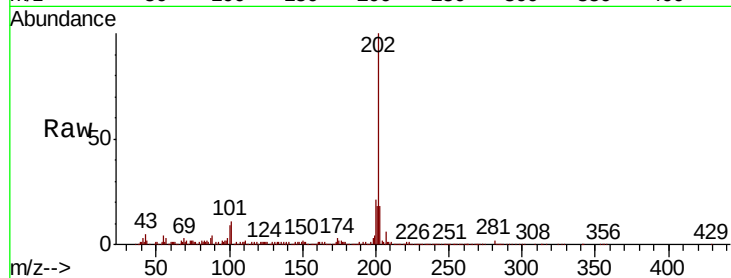




#78
Pvrene
Concen: 3.606 ng
RT: 19.59 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

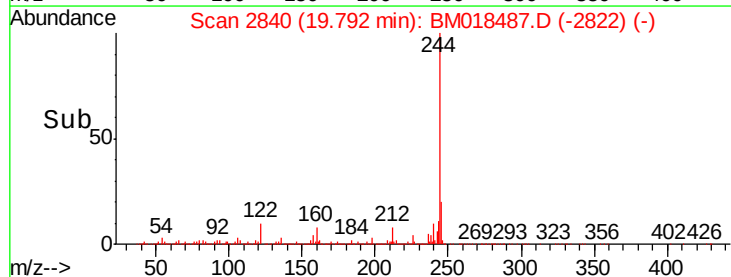
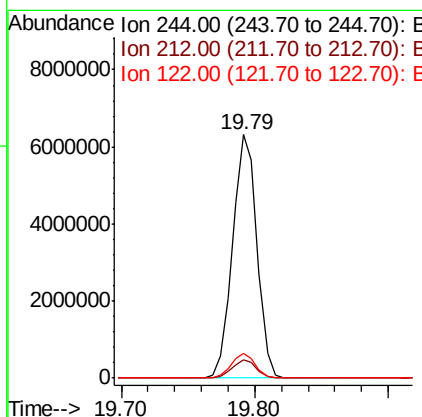
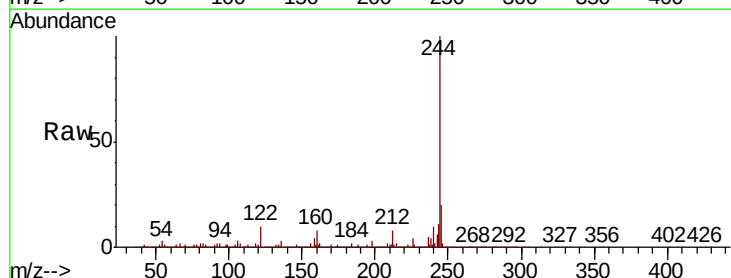
Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819

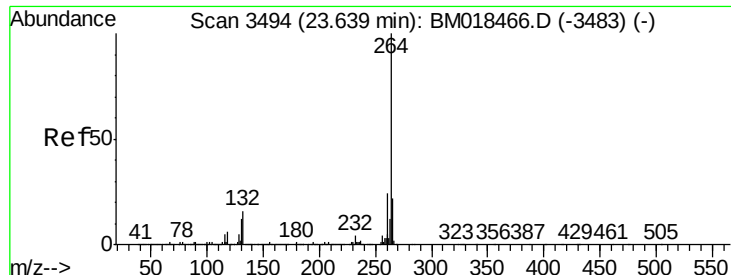
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.2	13.8	20.8



#79
Terphenyl-d14
Concen: 73.450 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018487.D
Acq: 09 Jan 2019 23:42

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819

Tot Ion:264 Resp: 2257344

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	16.8	25.2

