

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
 Data File : BM018622.D
 Acq On : 17 Jan 2019 19:58
 Operator : JU/SJ
 Sample : K1153-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR200044-RBR200027

Quant Time: Jan 18 06:03:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

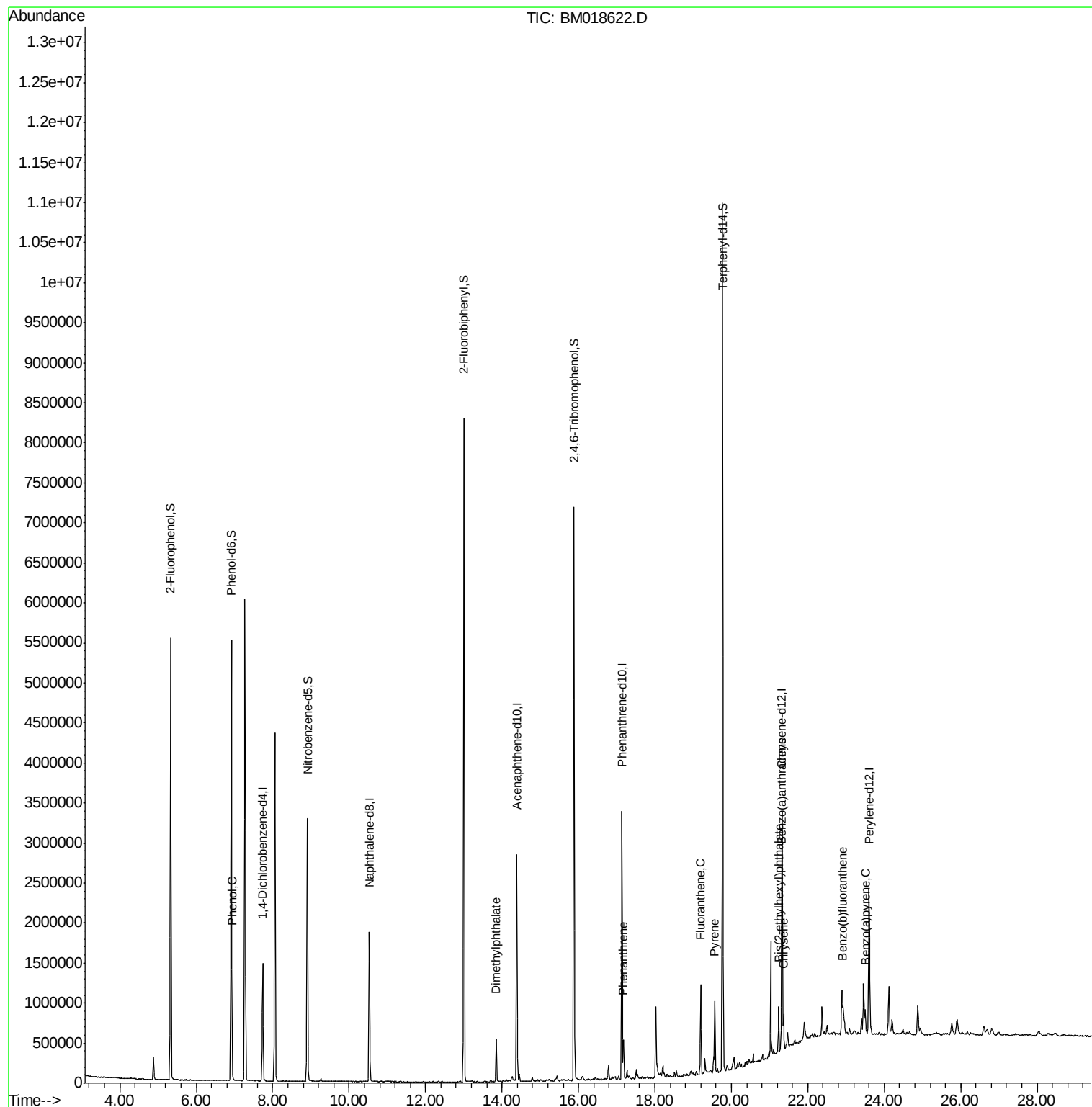
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	391758	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1596636	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	908363	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1954486	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1387812	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1293857	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2343456	110.46	ng	-0.02
7) Phenol-d6	6.92	99	3056945	113.44	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1861609	67.59	ng	-0.02
42) 2,4,6-Tribromophenol	15.89	330	1308841	113.16	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	4154485	59.68	ng	-0.02
79) Terphenyl-d14	19.77	244	4869848	73.97	ng	-0.02
Target Compounds						
10) Phenol	6.94	94	56048	2.047	ng	81
50) Dimethylphthalate	13.84	163	352102	4.720	ng	99
71) Phenanthrene	17.18	178	279908	2.692	ng	99
75) Fluoranthene	19.20	202	652134	5.441	ng	98
78) Pyrene	19.56	202	558332	6.787	ng	100
81) Benzo(a)anthracene	21.31	228	237071	2.900	ng	98
83) Chrysene	21.37	228	244619	3.098	ng	97
84) Bis(2-ethylhexyl)phthalate	21.24	149	204017	4.025	ng	99
88) Benzo(b)fluoranthene	22.91	252	297860	4.055	ng	98
90) Benzo(a)pyrene	23.50	252	198569	2.824	ng	99

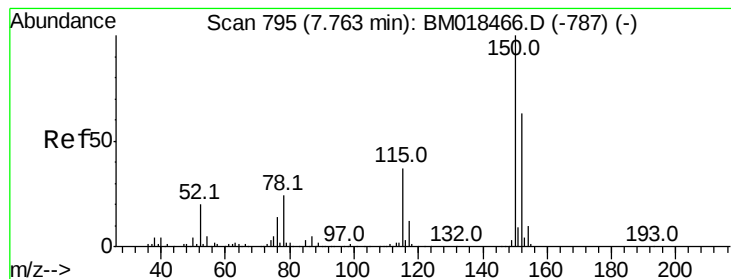
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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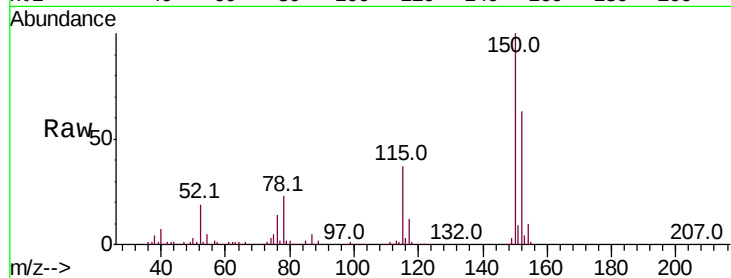


#1

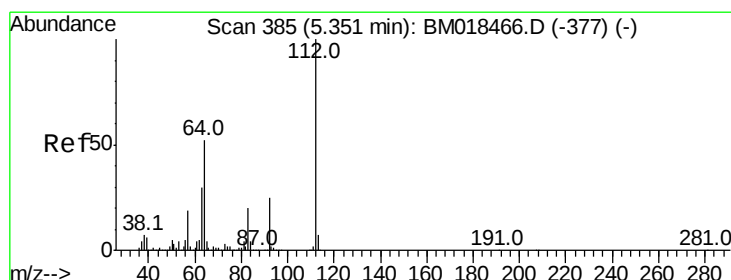
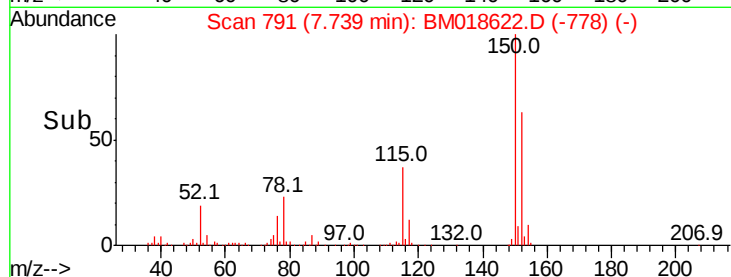
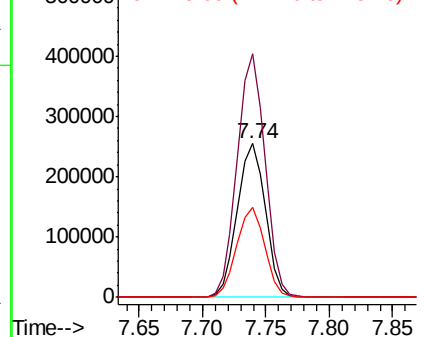
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_M
ClientSampleId :
RBR200044-RBR200027

Tot Ion:152 Resp: 391758
Ion Ratio Lower Upper
152 100
150 158.7 126.9 190.3
115 58.7 45.5 68.3



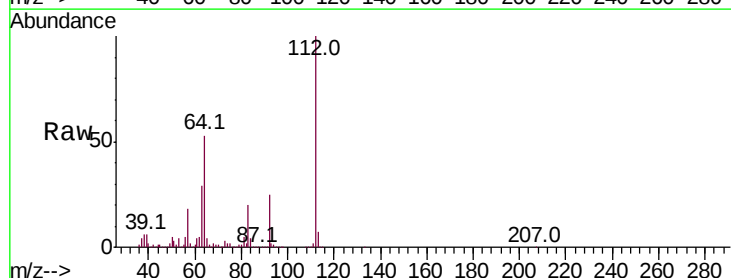
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



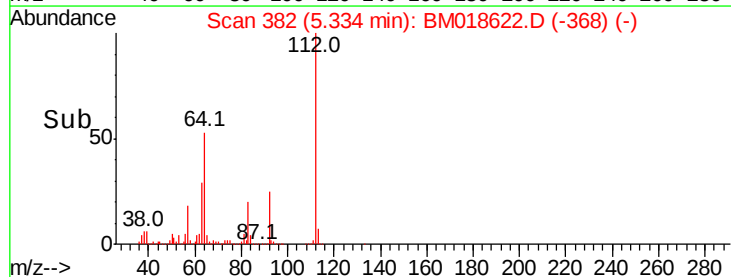
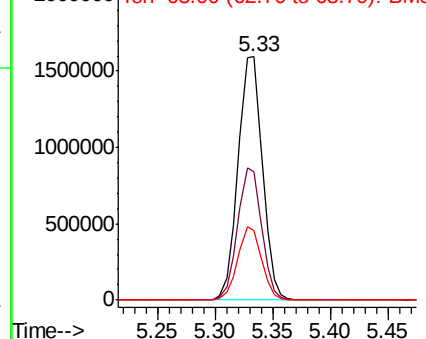
#5

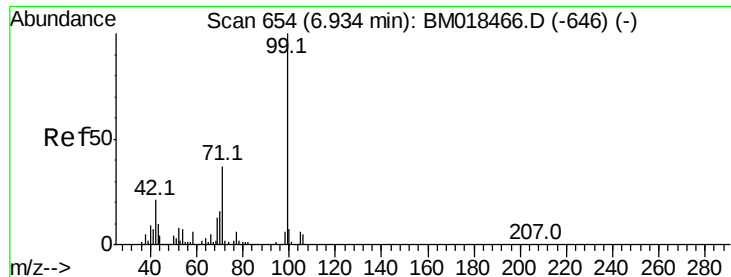
2-Fluorophenol
Concen: 110.455 ng
RT: 5.33 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Tgt Ion:112 Resp: 2343456
Ion Ratio Lower Upper
112 100
64 52.6 46.5 69.7
63 28.8 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: 113.442 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

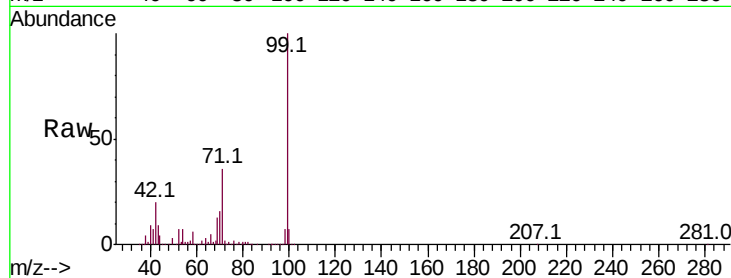
BNA_M

ClientSampleId :

RBR200044-RBR200027

Tot Ion: 99 Resp: 3056945

Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.3	25.9
71	36.1	28.0	42.0



Abundance

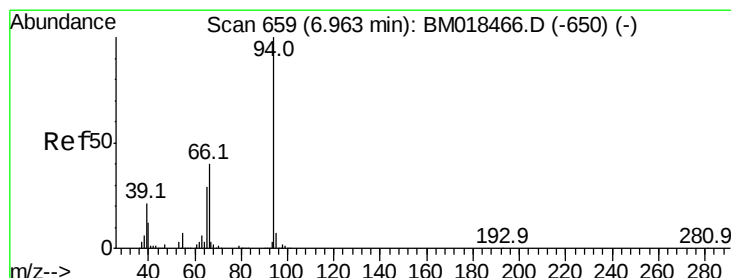
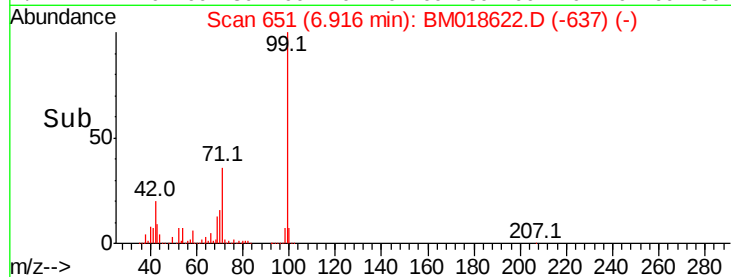
Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)

6.92

Time-->



#10

Phenol

Concen: 2.047 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Tgt Ion: 94 Resp: 56048

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.4	49.4
66	58.0	19.1	59.1

Abundance

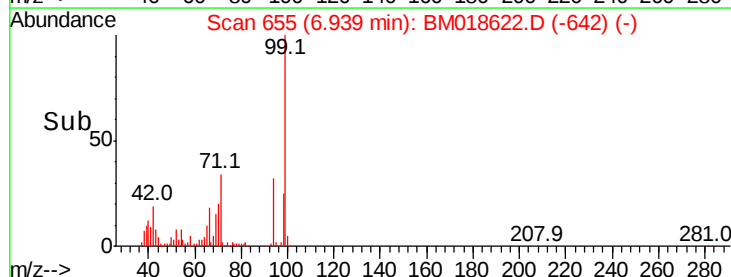
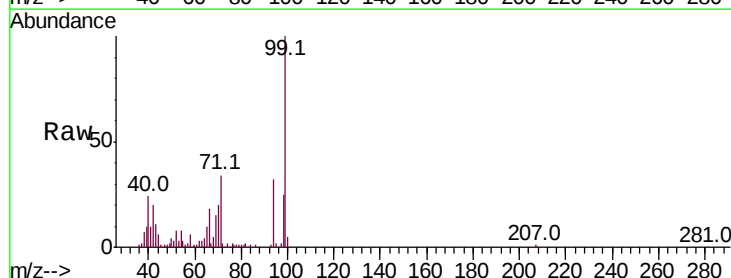
Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

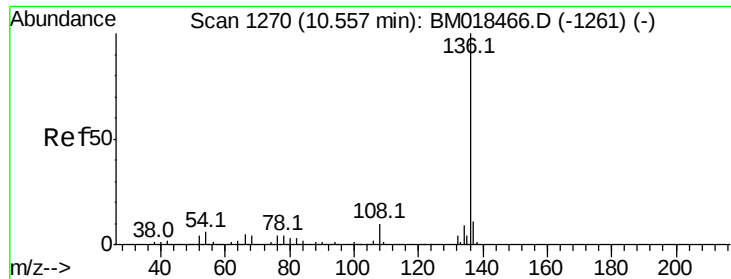
Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

6.94

Time-->



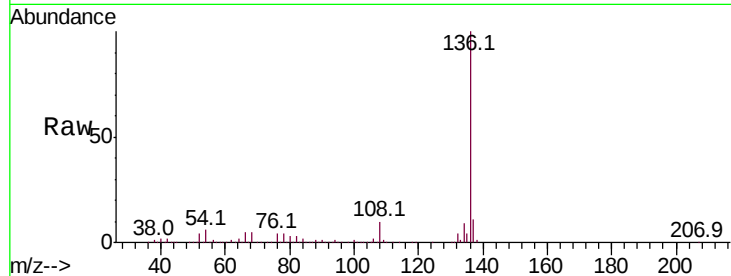
Time-->



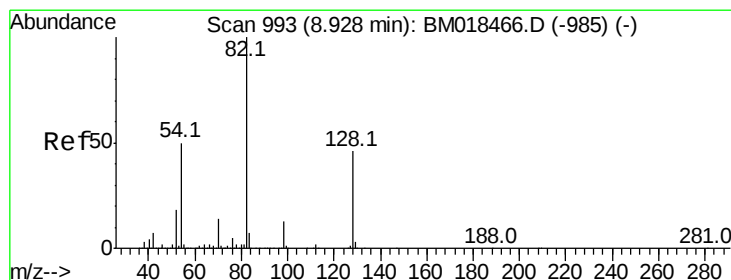
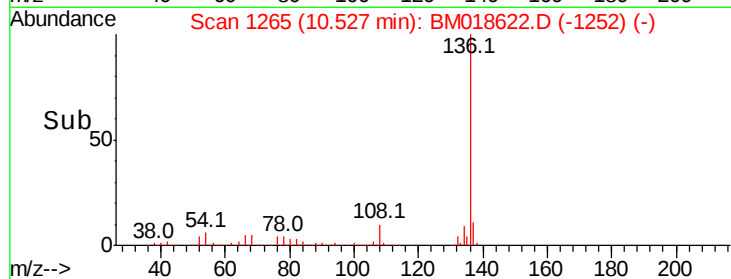
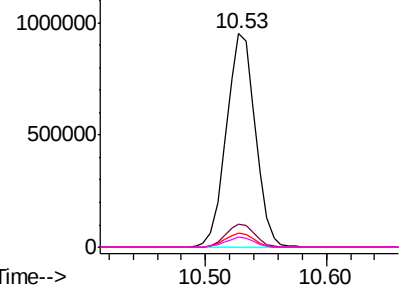
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_M
ClientSampleId :
RBR200044-RBR200027

Tot Ion:	136	Resp:	1596636
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.4	6.0	9.0
68	4.6	4.5	6.7

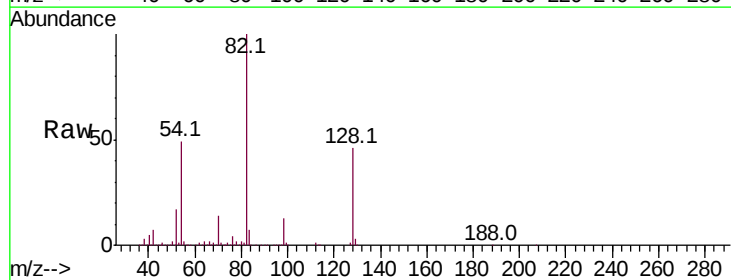


Abundance Ion 136.00 (135.70 to 136.70): E
1500000 Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

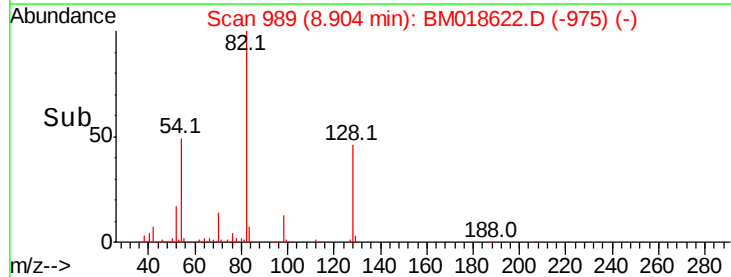
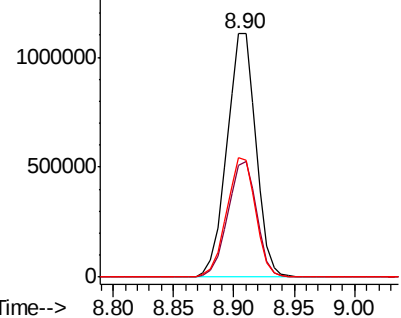


#23
Nitrobenzene-d5
Concen: 67.592 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Tgt Ion:	82	Resp:	1861609
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	48.9	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM
1500000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

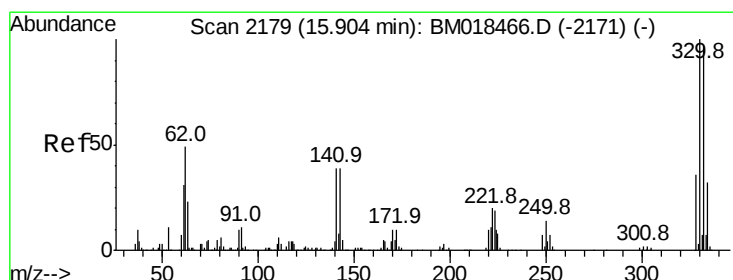
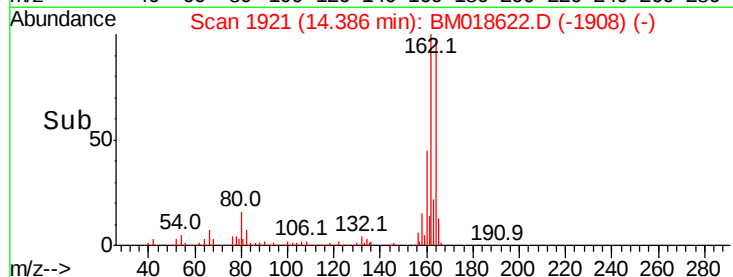
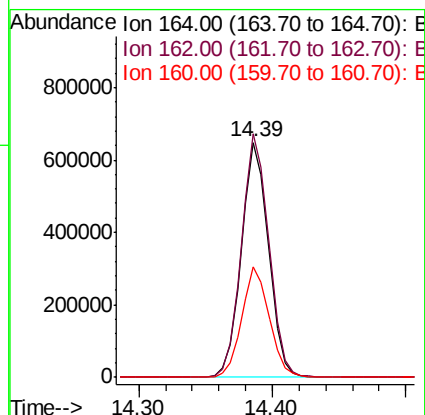
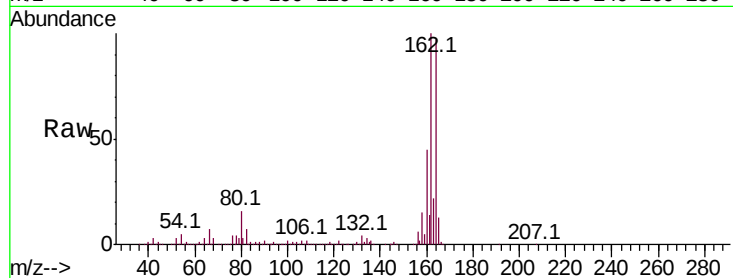




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

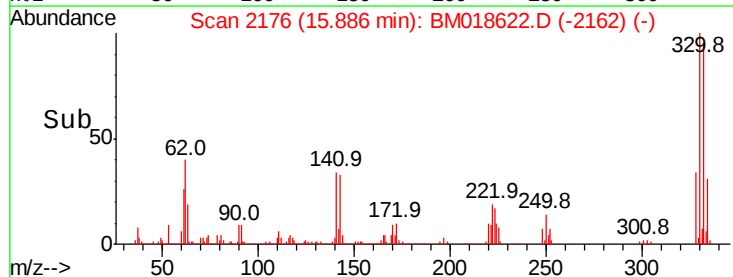
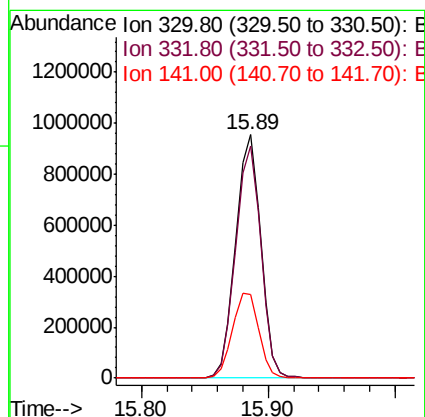
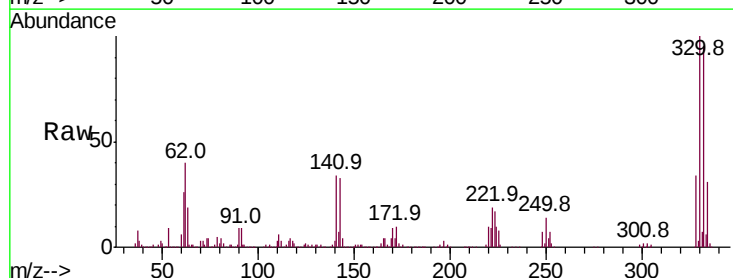
Instrument :
BNA_M
ClientSampleId :
RBR200044-RBR200027

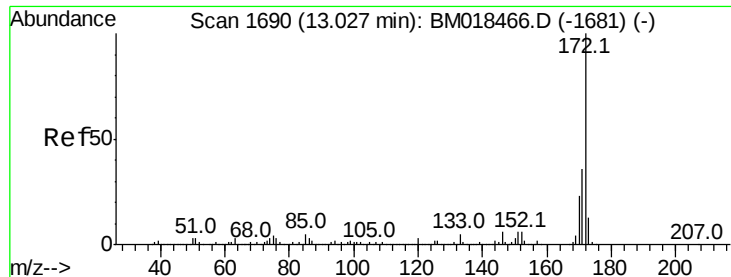
Tot Ion:164 Resp: 908363
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 46.9 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 113.163 ng
RT: 15.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Tgt Ion:330 Resp: 1308841
Ion Ratio Lower Upper
330 100
332 95.9 77.6 116.4
141 36.8 31.7 47.5

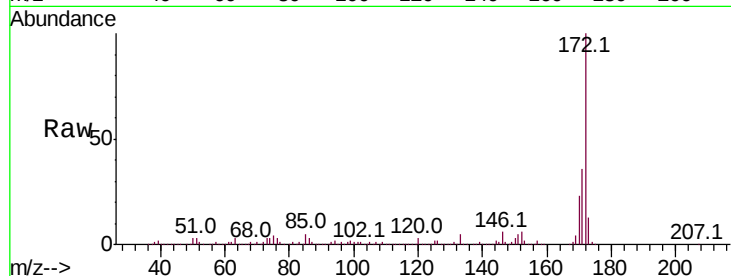




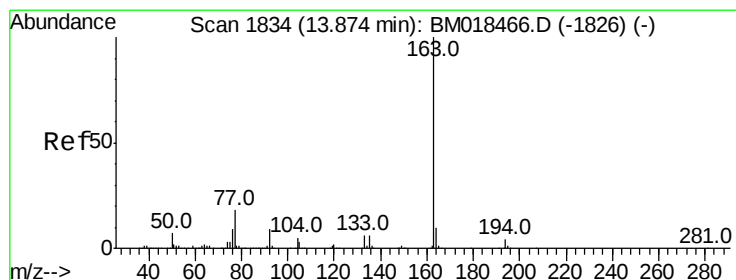
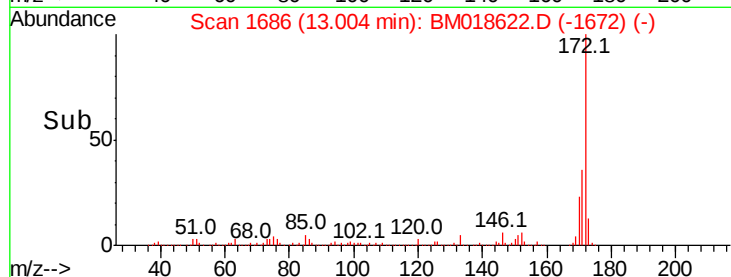
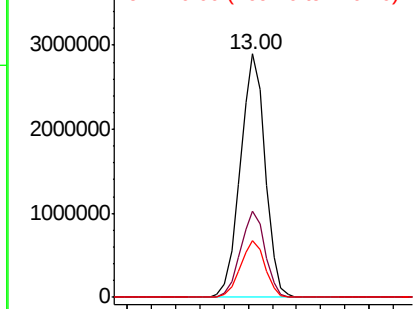
#45
2-Fluorobiphenyl
Concen: 59.679 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Instrument :
BNA_M
ClientSampleId :
RBR200044-RBR200027

Tot Ion:172 Resp: 4154485
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 18.9 28.3

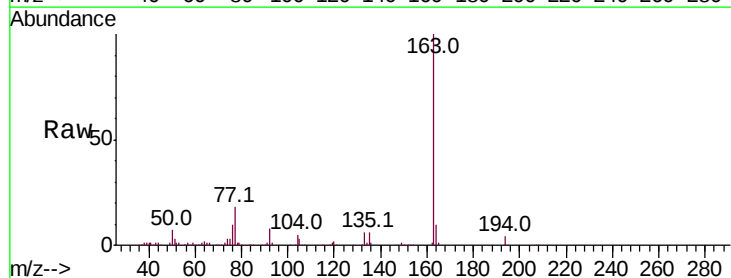


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

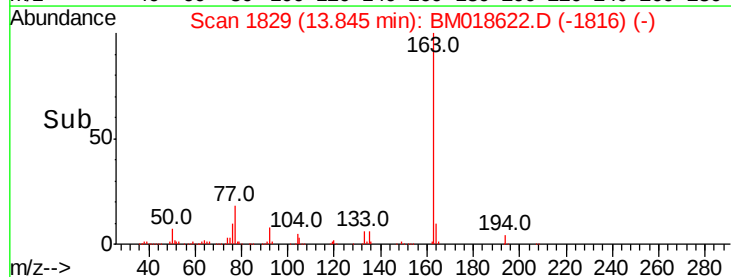
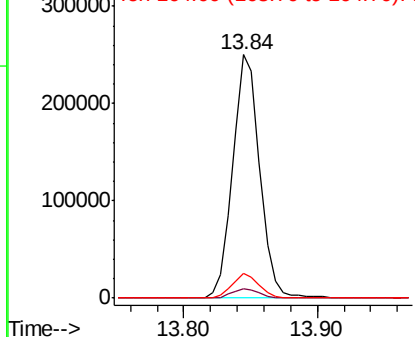


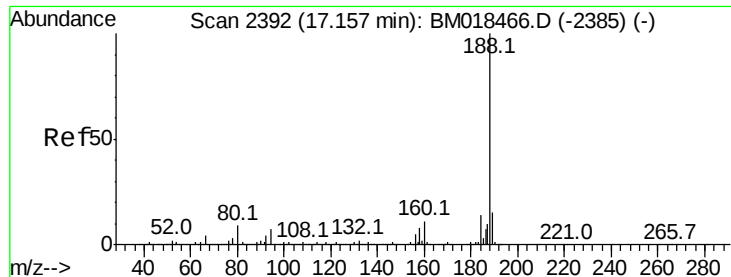
#50
Dimethylphthalate
Concen: 4.720 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018622.D
Acq: 17 Jan 2019 19:58

Tgt Ion:163 Resp: 352102
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: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_M

ClientSampleId :

RBR200044-RBR200027

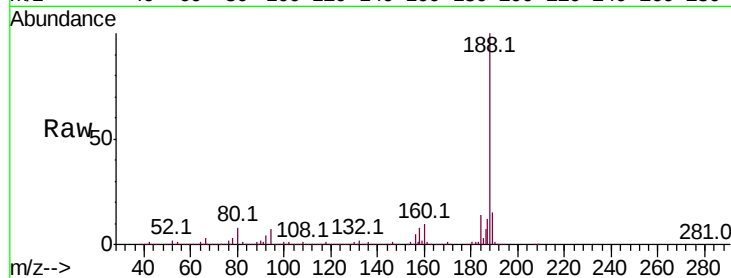
Tot Ion:188 Resp: 1954486

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

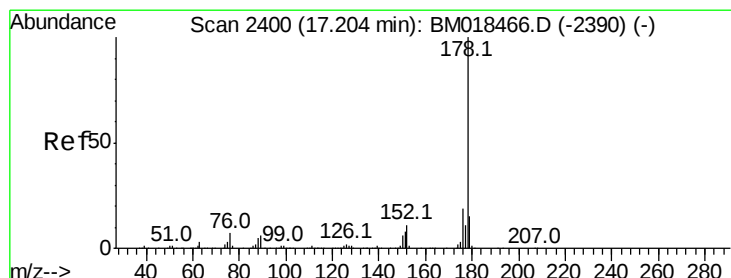
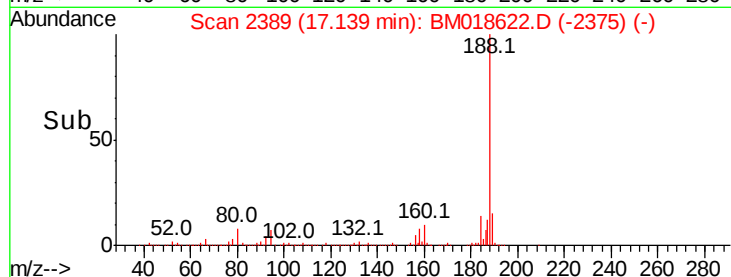
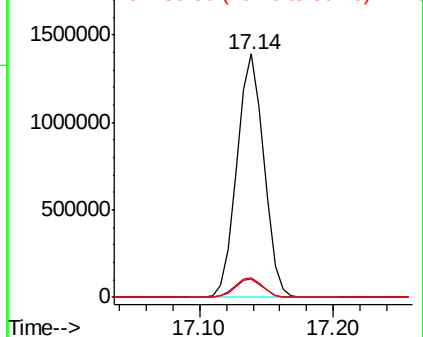
80 8.0 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 2.692 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

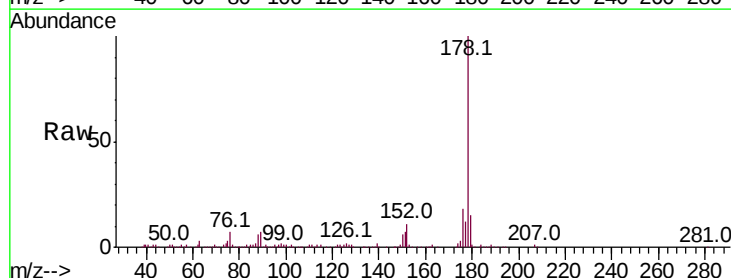
Tgt Ion:178 Resp: 279908

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

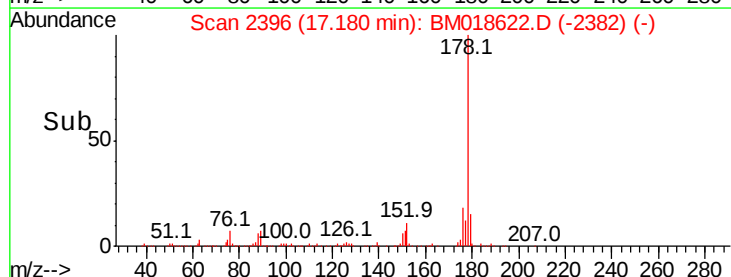
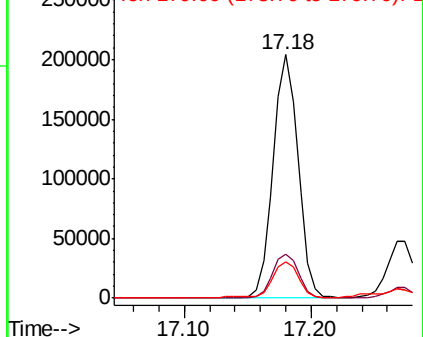
179 15.1 12.2 18.4

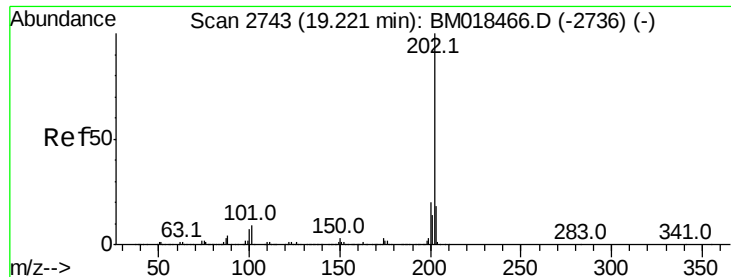


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 5.441 ng

RT: 19.20 min Scan# 2739

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

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ClientSampleId :

RBR200044-RBR200027

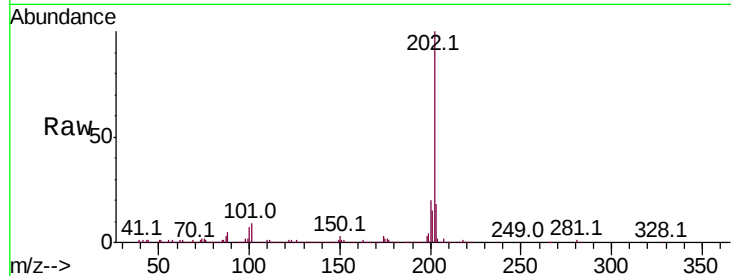
Tot Ion:202 Resp: 652134

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.9

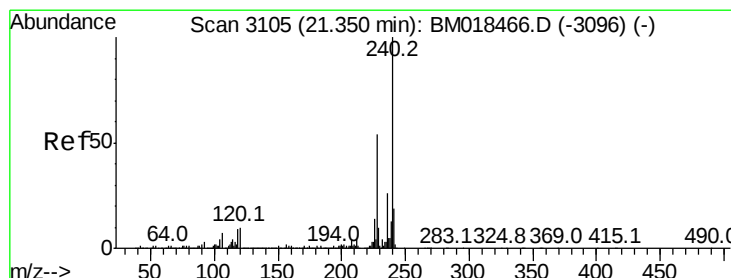
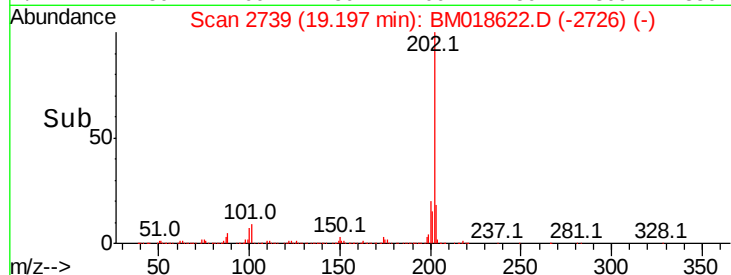
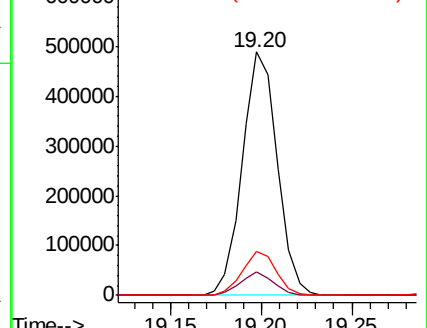
203 18.1 0.0 37.4



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: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

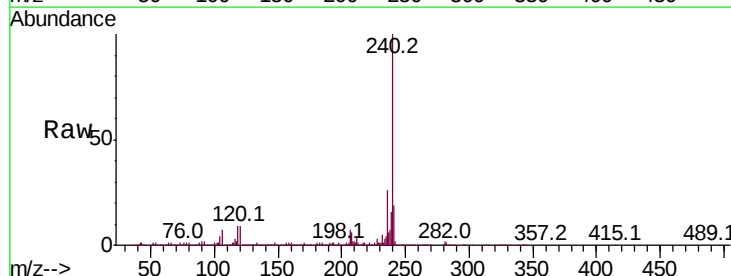
Tgt Ion:240 Resp: 1387812

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

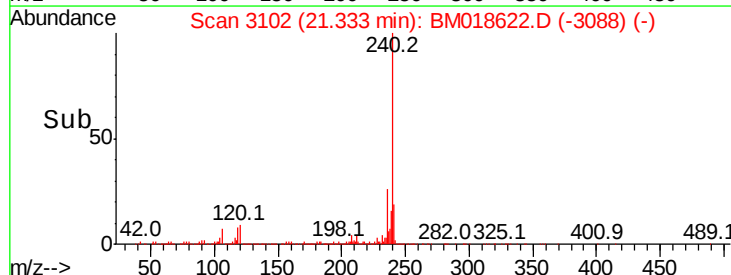
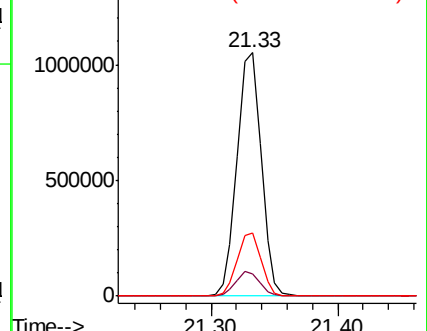
236 26.0 20.7 31.1

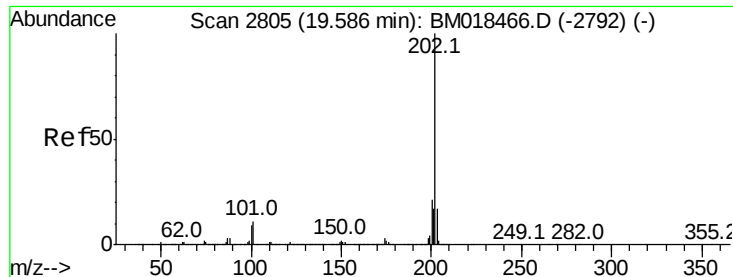


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 6.787 ng

RT: 19.56 min Scan# 2801

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_M

ClientSampleId :

RBR200044-RBR200027

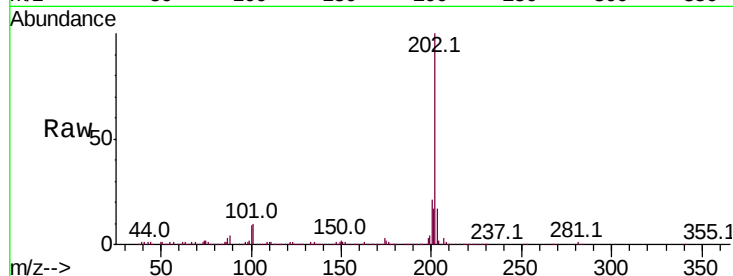
Tot Ion:202 Resp: 558332

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

203 17.2 13.8 20.8

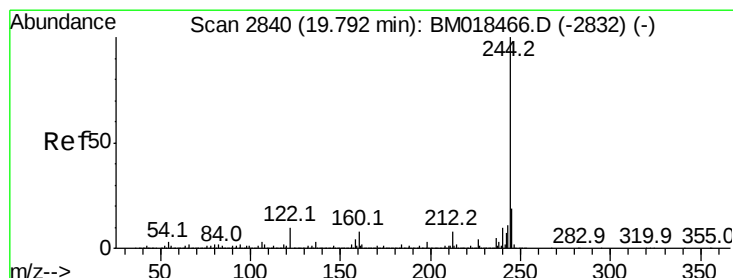
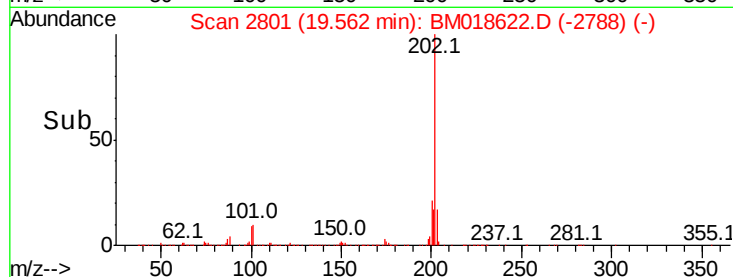
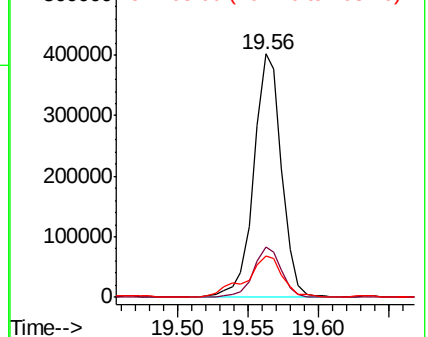


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 73.971 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

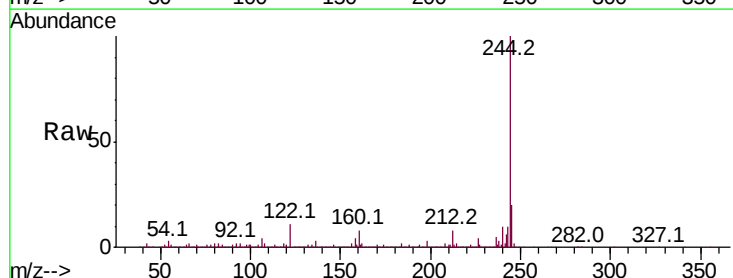
Tgt Ion:244 Resp: 4869848

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.6 9.0 13.4

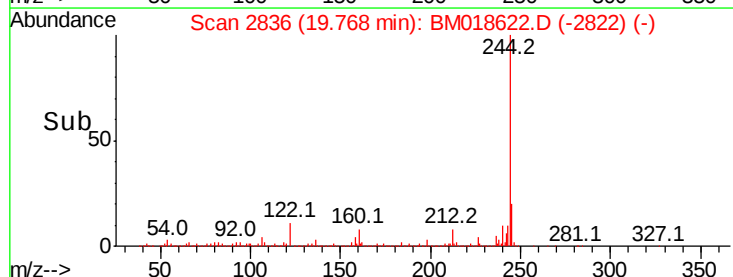
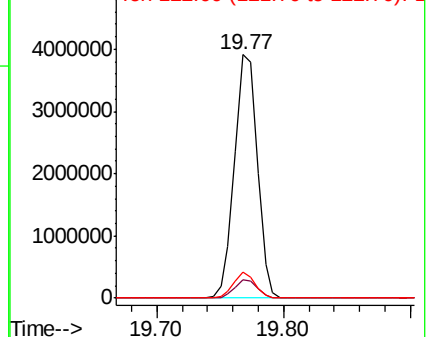


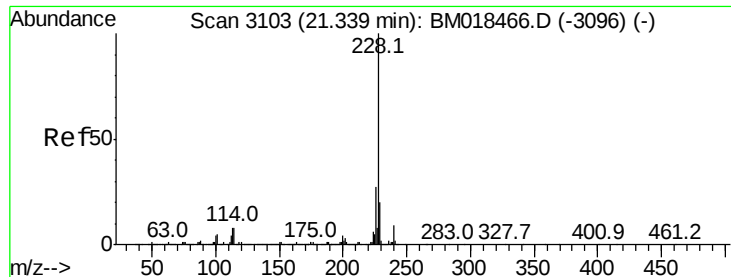
Abundance

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: 2.900 ng

RT: 21.31 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_M

ClientSampleId :

RBR200044-RBR200027

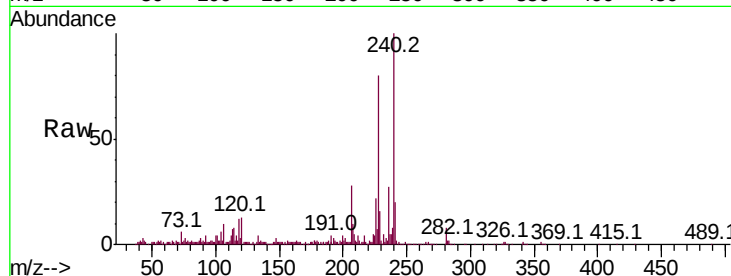
Tot Ion:228 Resp: 237071

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.6

229 20.4 15.8 23.8

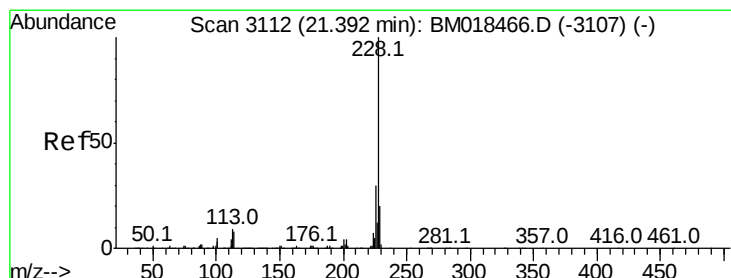
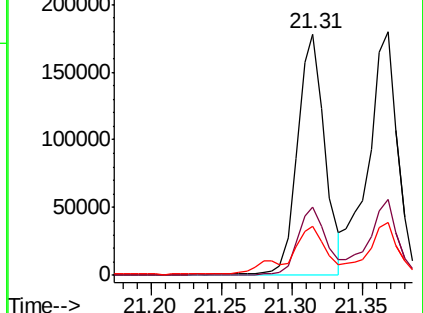
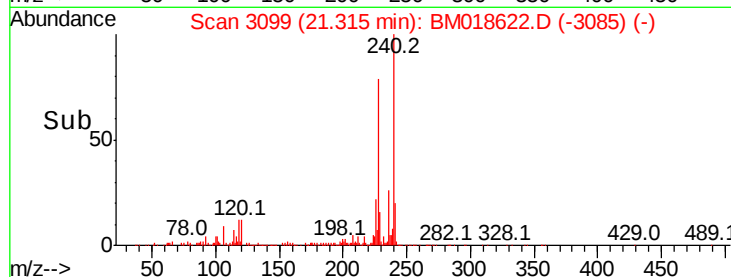


Abundance

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: 3.098 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

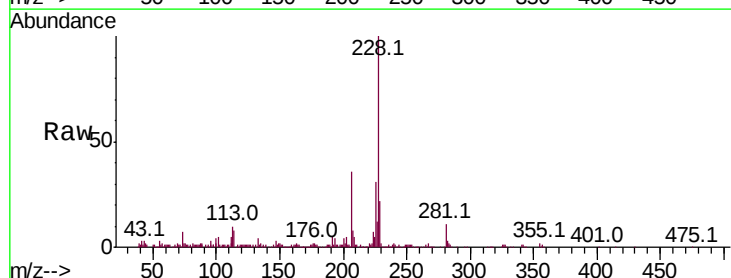
Tgt Ion:228 Resp: 244619

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.2

229 21.6 15.6 23.4

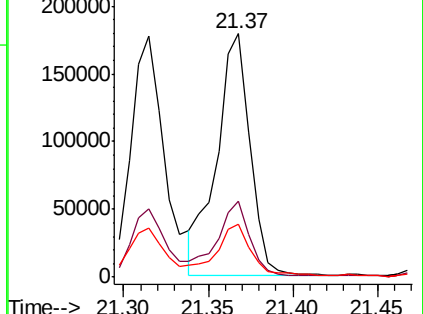
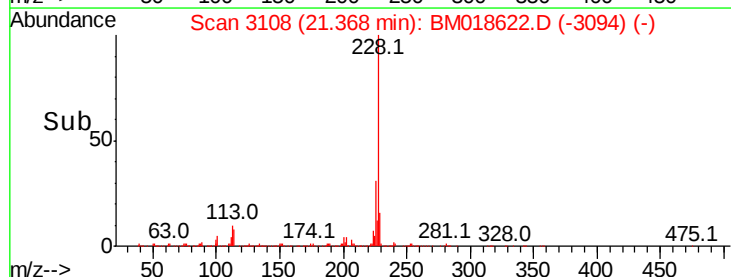


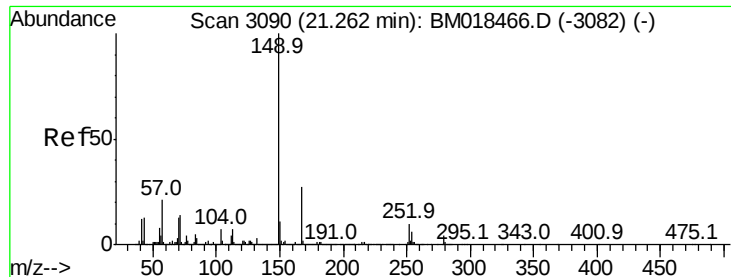
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.025 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Instrument :

BNA_M

ClientSampleId :

RBR200044-RBR200027

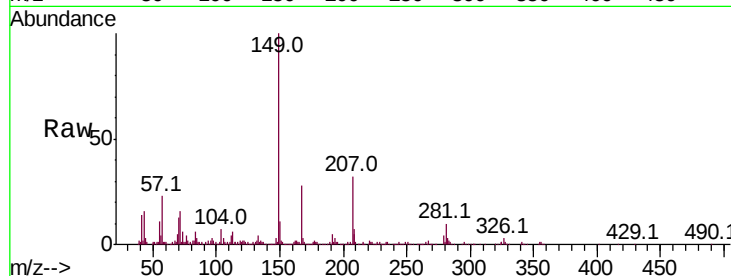
Tot Ion:149 Resp: 204017

Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

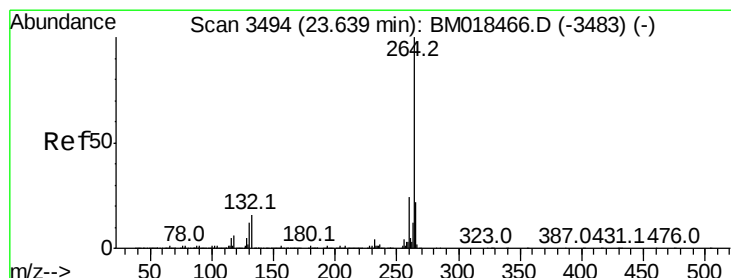
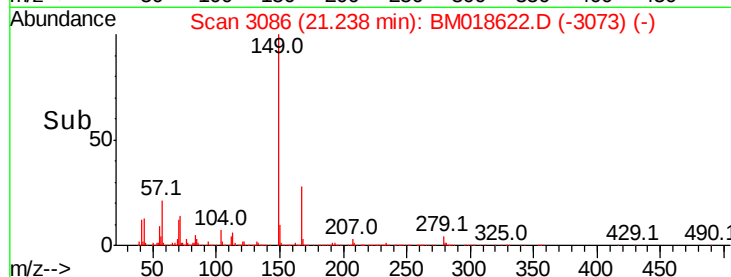
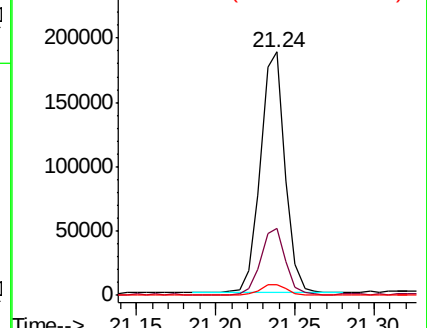
279 4.4 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3488

Delta R.T. -0.03 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

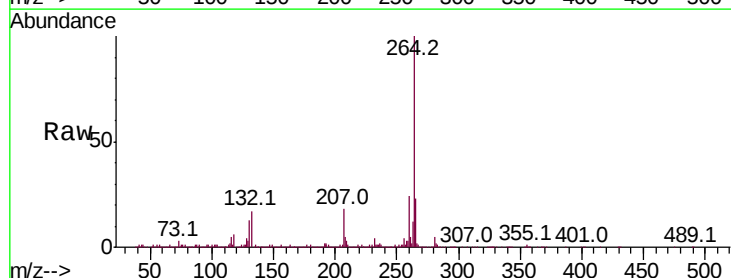
Tgt Ion:264 Resp: 1293857

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

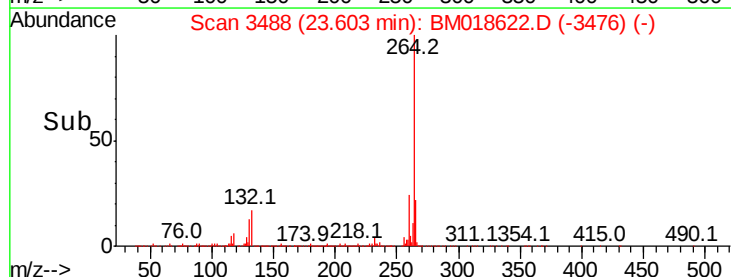
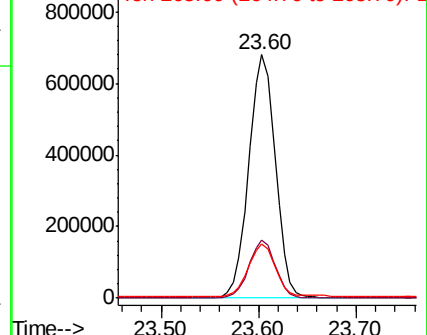
265 22.5 16.8 25.2

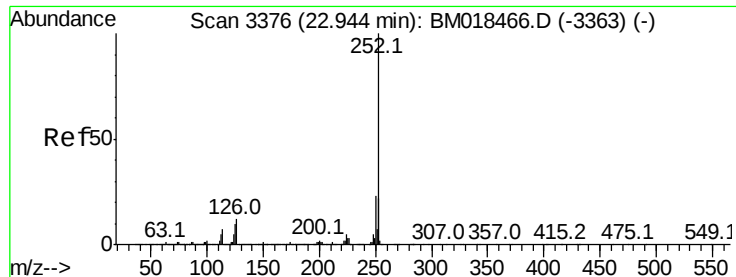


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 4.055 ng

RT: 22.91 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

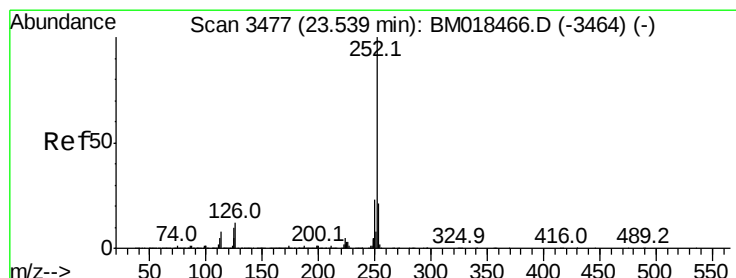
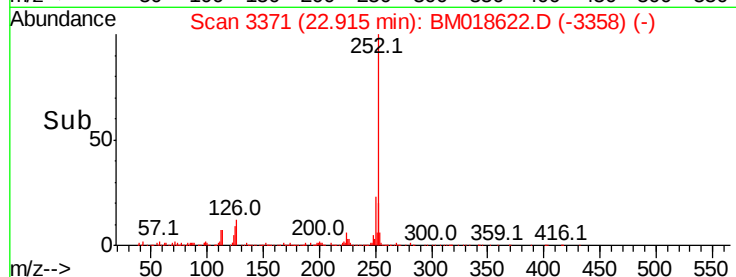
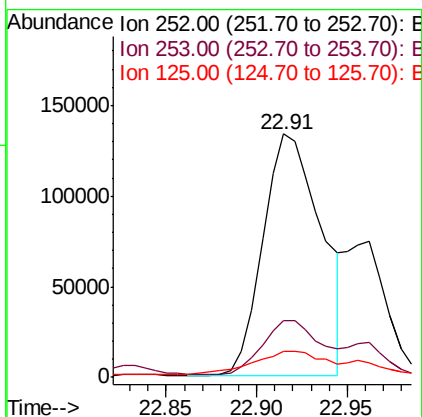
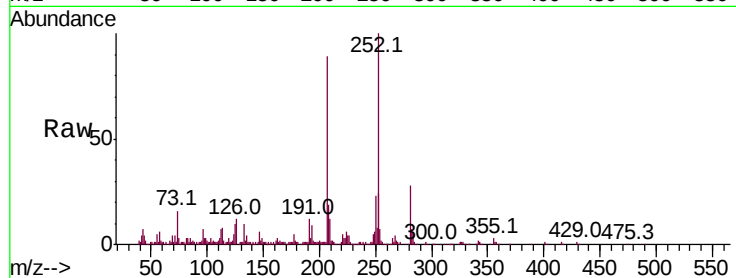
Instrument :

BNA_M

ClientSampleId :

RBR200044-RBR200027

Tot Ion:252	Resp:	297860
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.6 26.4
125	10.4	8.5 12.7



#90

Benzo(a)pyrene

Concen: 2.824 ng

RT: 23.50 min Scan# 3471

Delta R.T. -0.03 min

Lab File: BM018622.D

Acq: 17 Jan 2019 19:58

Tgt Ion:252	Resp:	198569
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.5 26.3
125	10.8	9.7 14.5

