

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
 Data File : BM018902.D
 Acq On : 21 Feb 2019 18:56
 Operator : JU/SJ
 Sample : K1546-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Quant Time: Feb 21 21:57:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

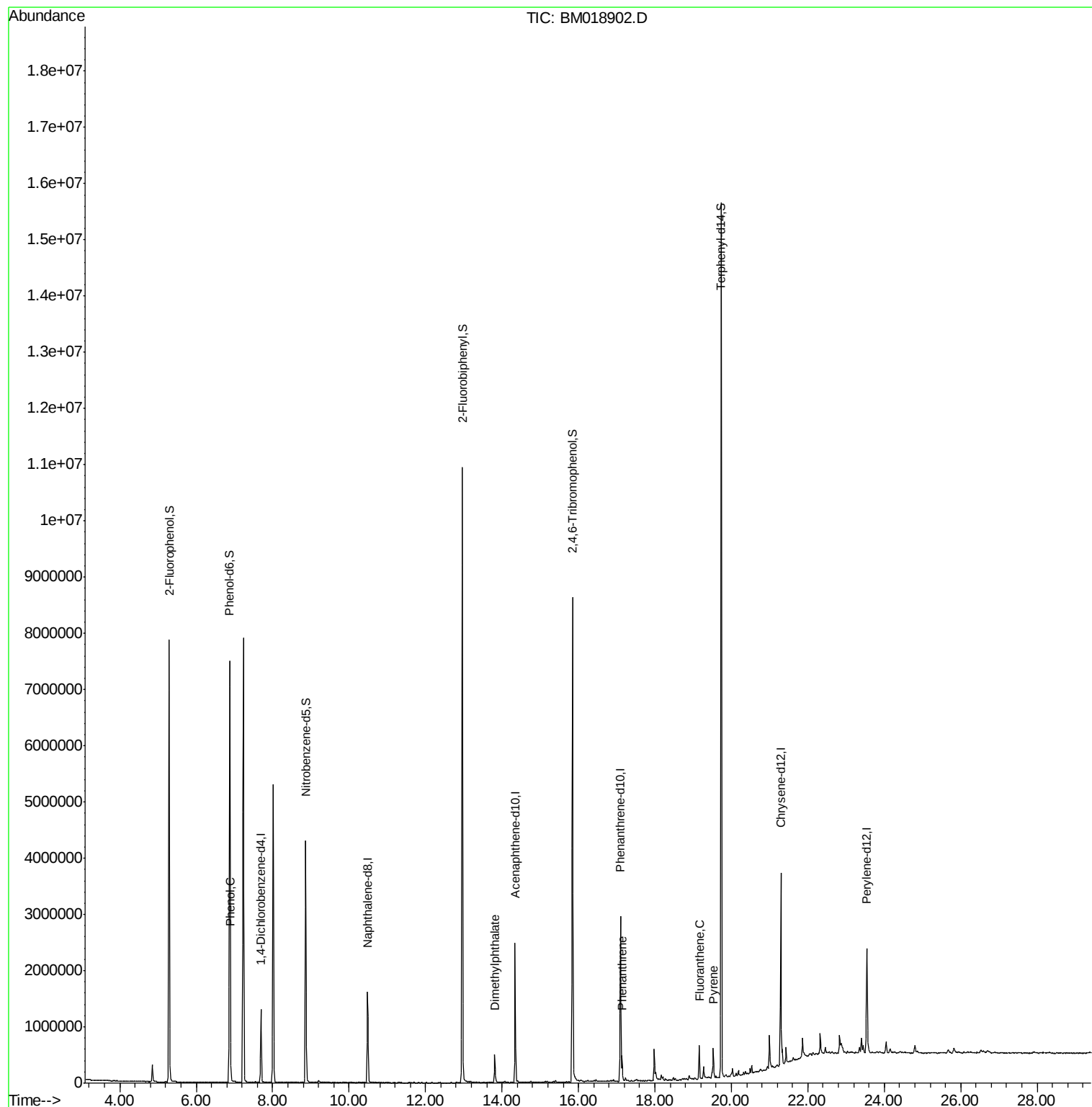
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	338151	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1341386	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	746571	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1636463	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1451533	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1312116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	3115602	150.96	ng	-0.01
7) Phenol-d6	6.88	99	4345952	149.48	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2778530	95.78	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1559771	144.94	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	5200643	92.47	ng	-0.02
79) Terphenyl-d14	19.74	244	6982758	99.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	10265	Below Cal	Qvalue # 7	
10) Phenol	6.90	94	62237	2.034 ng	# 71	
50) Dimethylphthalate	13.81	163	310631	4.993 ng	100	
71) Phenanthrene	17.14	178	241522	2.746 ng	100	
75) Fluoranthene	19.16	202	326001	3.209 ng	99	
78) Pyrene	19.53	202	297546	3.529 ng	100	

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

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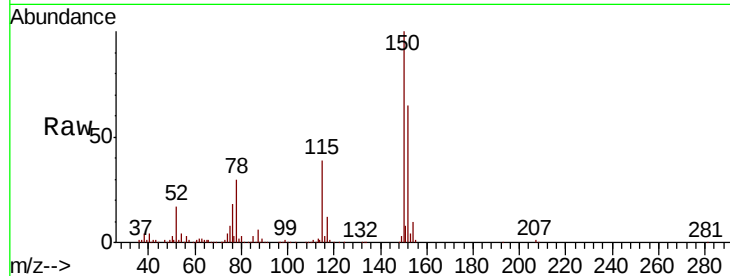


#1

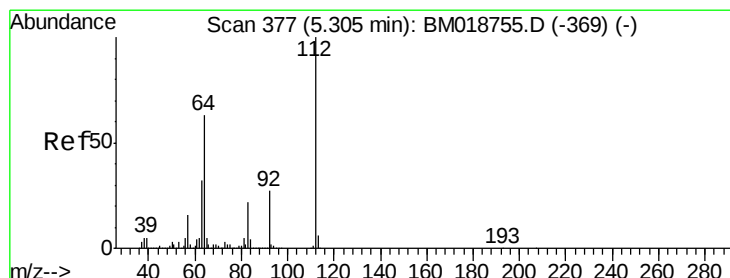
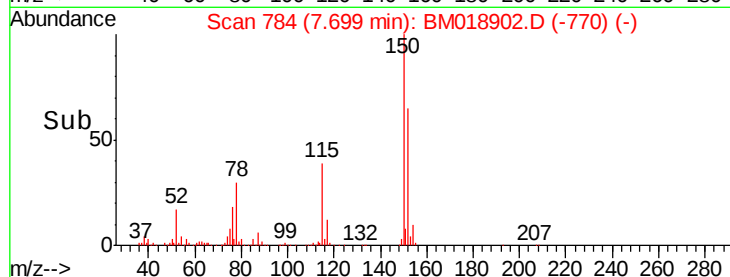
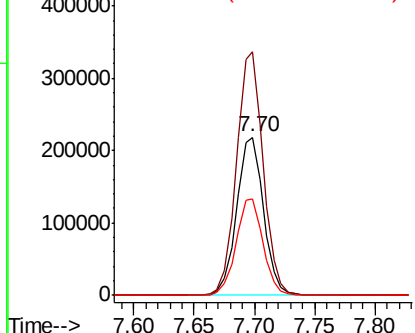
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BM018902.D
 Acq: 21 Feb 2019 18:56

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

Tgt Ion:152 Resp: 338151
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.3 190.9
 115 60.6 50.8 76.2



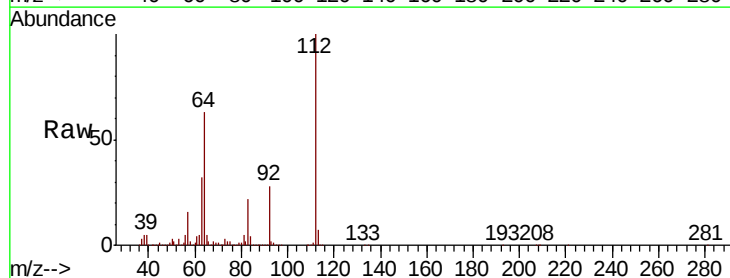
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



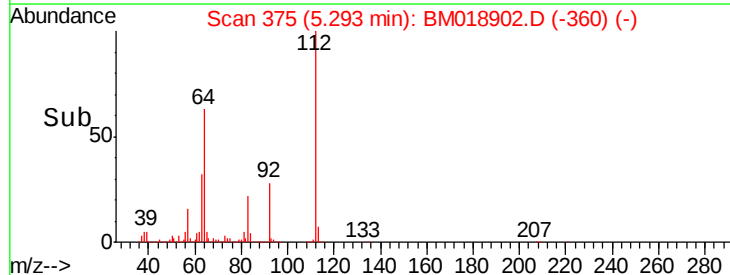
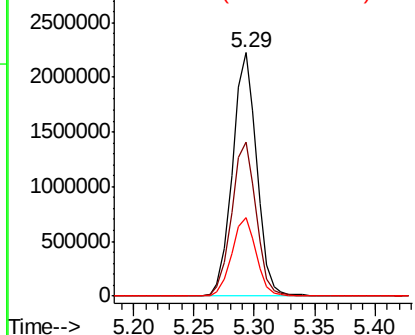
#5

2-Fluorophenol
 Concen: 150.963 ng
 RT: 5.29 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BM018902.D
 Acq: 21 Feb 2019 18:56

Tgt Ion:112 Resp: 3115602
 Ion Ratio Lower Upper
 112 100
 64 63.2 50.6 75.8
 63 32.3 25.7 38.5



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: 149.478 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

Instrument :

BNA_M

ClientSampleId :

RBR-200030

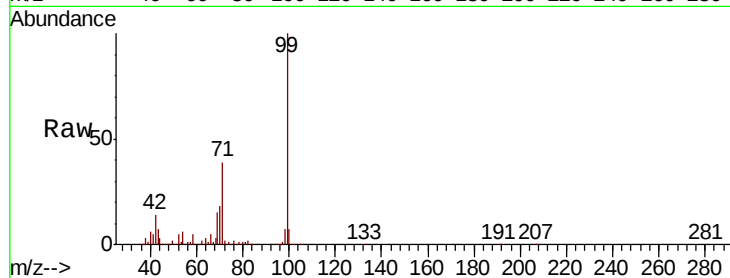
Tgt Ion: 99 Resp: 4345952

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

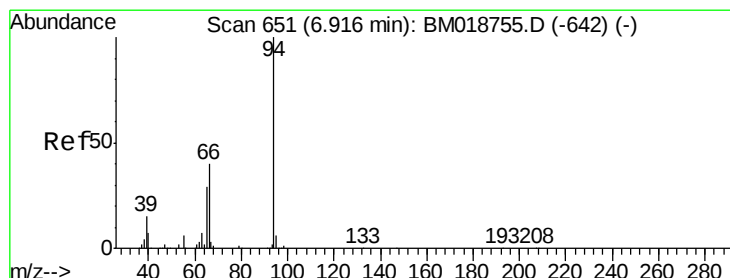
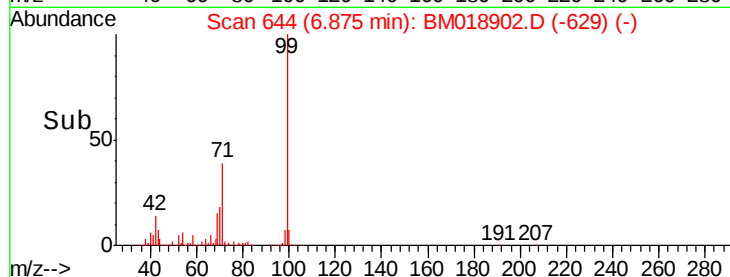
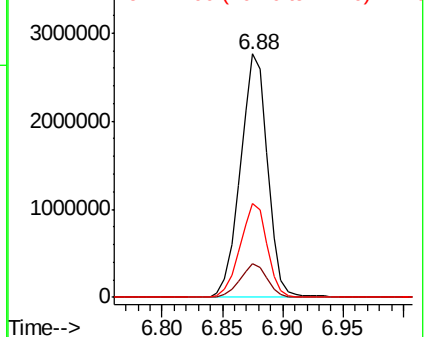
71 38.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 2.034 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

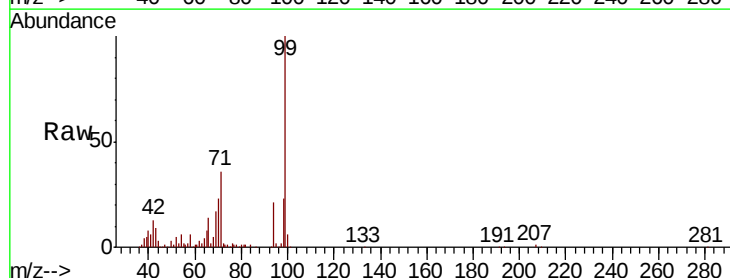
Tgt Ion: 94 Resp: 62237

Ion Ratio Lower Upper

94 100

65 36.7 9.6 49.6

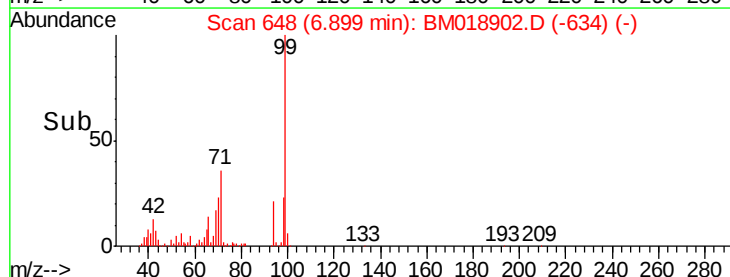
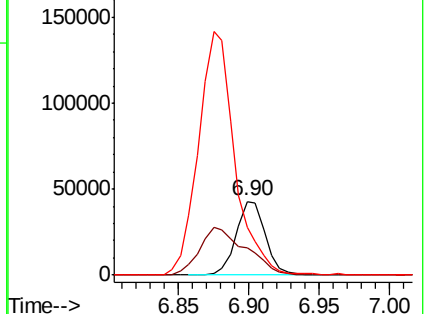
66 65.4 20.4 60.4#

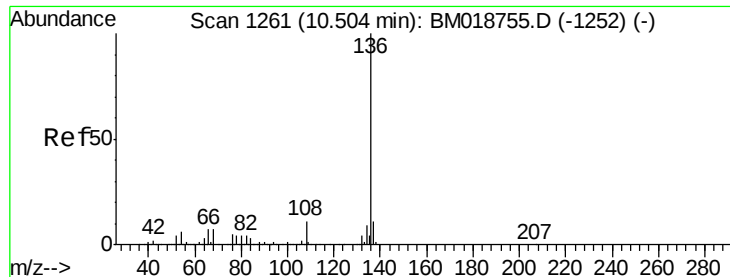


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

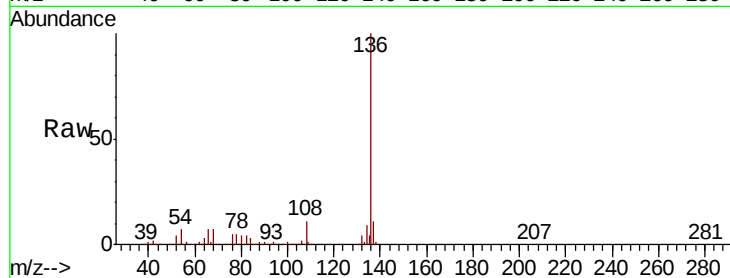




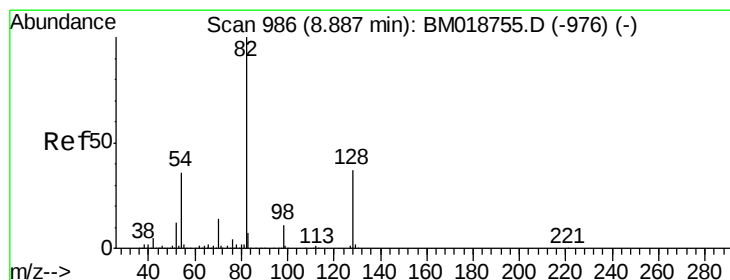
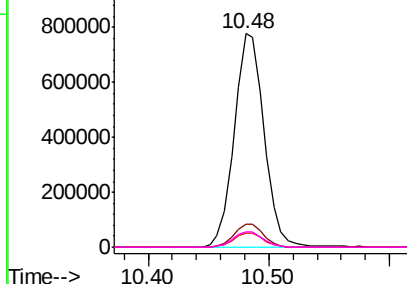
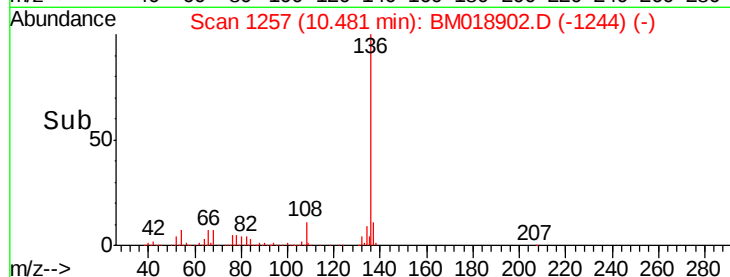
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
BNA_M
ClientSampleId :
RBR-200030

Tgt Ion:	136	Resp:	1341386
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.0	7.6
68	7.4	5.5	8.3

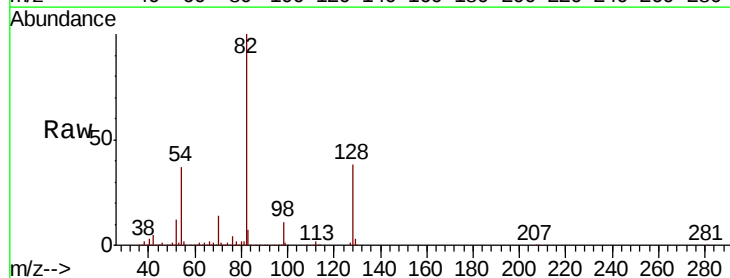


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

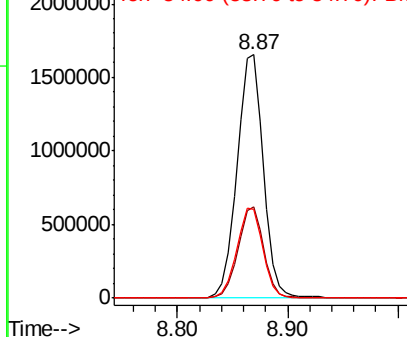
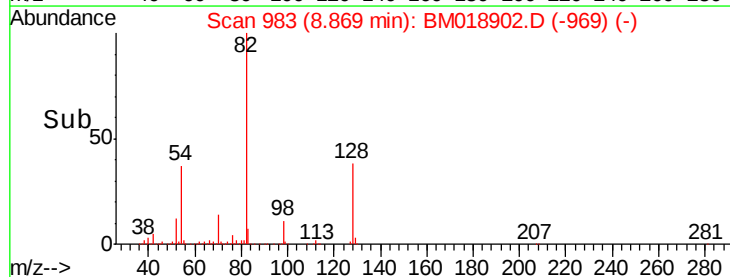


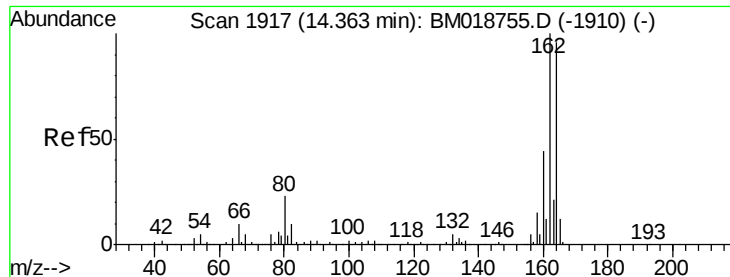
#23
Nitrobenzene-d5
Concen: 95.778 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Tgt Ion:	82	Resp:	2778530
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.9	44.9
54	36.7	29.1	43.7



Abundance Ion 82.00 (81.70 to 82.70): BM
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

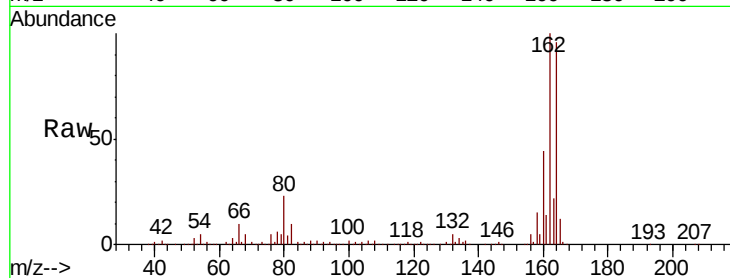




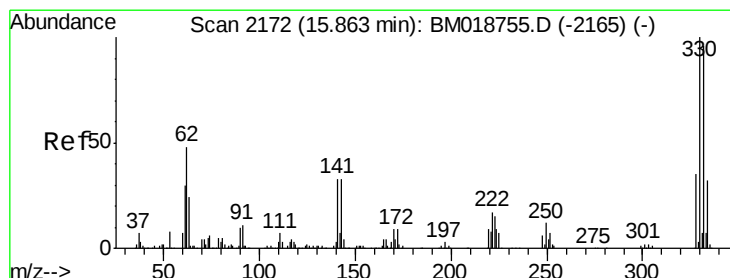
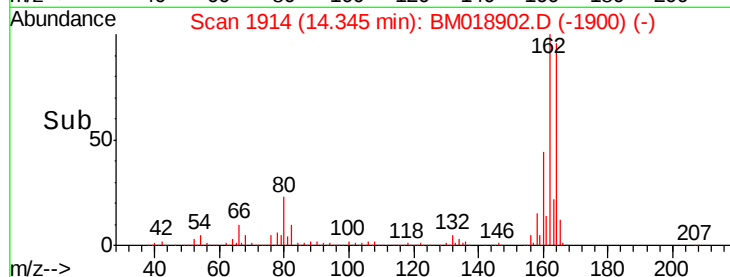
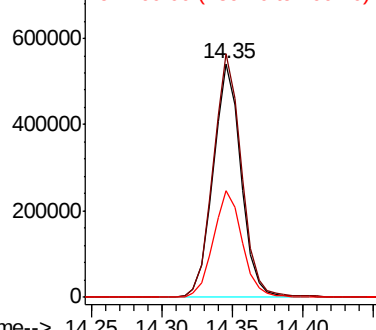
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
BNA_M
ClientSampleId :
RBR-200030

Tgt Ion:164 Resp: 746571
Ion Ratio Lower Upper
164 100
162 104.2 83.4 125.0
160 45.8 36.6 55.0

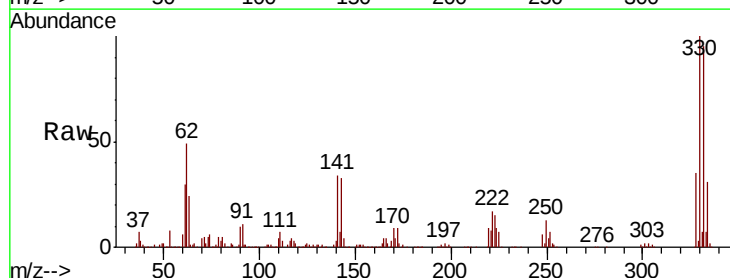


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

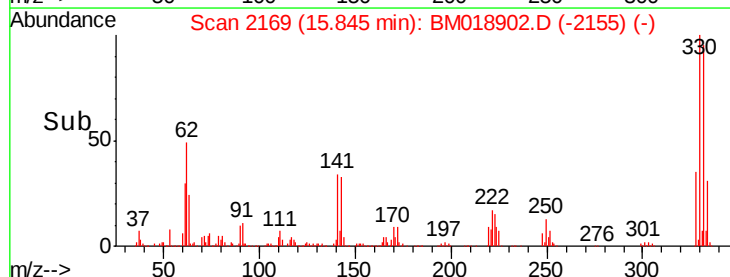
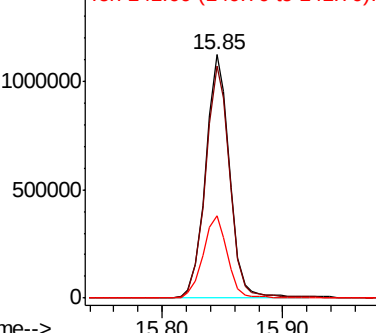


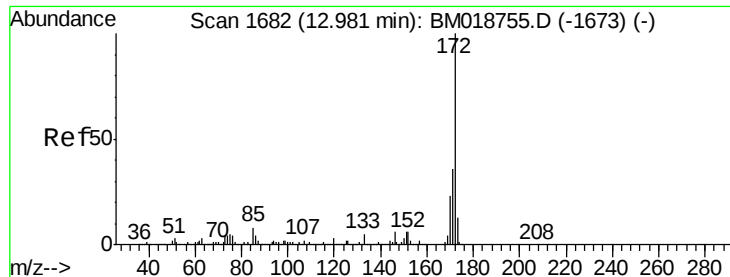
#42
2,4,6-Tribromophenol
Concen: 144.938 ng
RT: 15.85 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Tgt Ion:330 Resp: 1559771
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 34.4 28.7 43.1



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

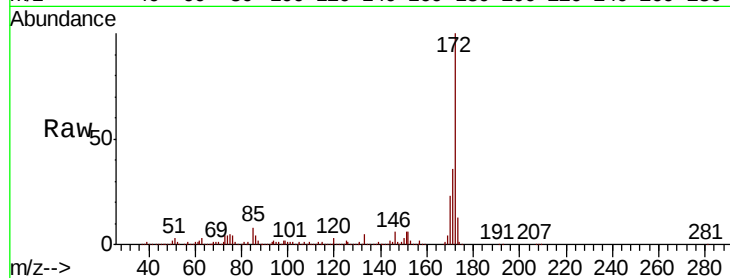




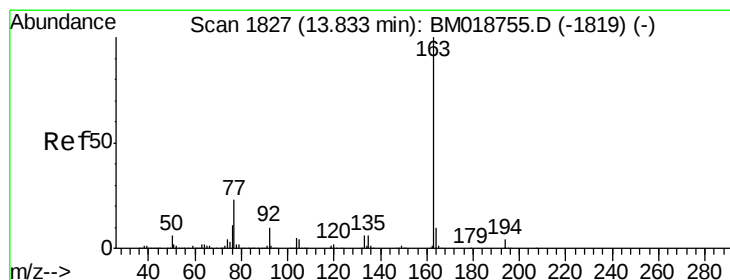
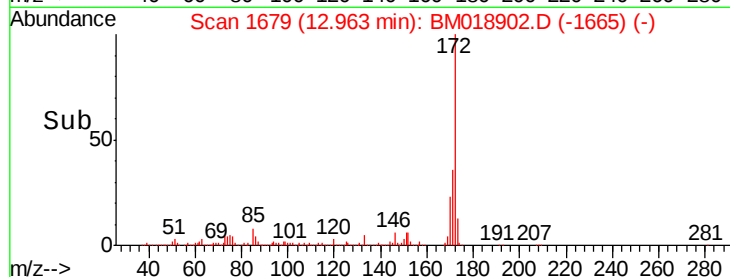
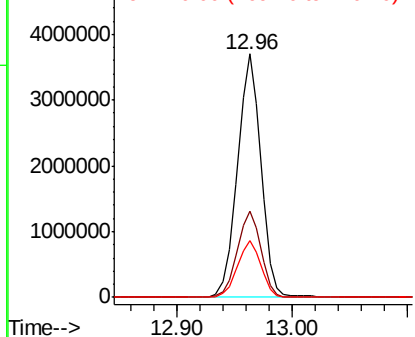
#45
2-Fluorobiphenyl
Concen: 92.472 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
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ClientSampleId :
RBR-200030

Tgt Ion:172 Resp: 5200643
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.5 18.6 28.0

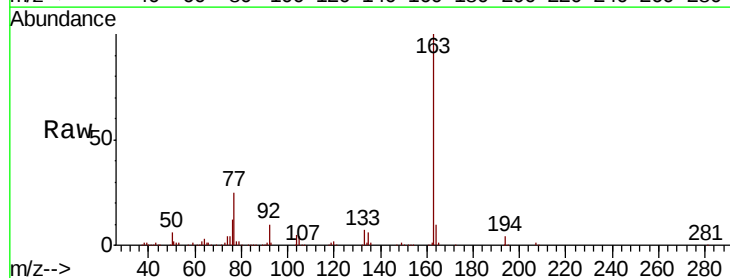


Abundance Ion 172.00 (171.70 to 172.70): E
5000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

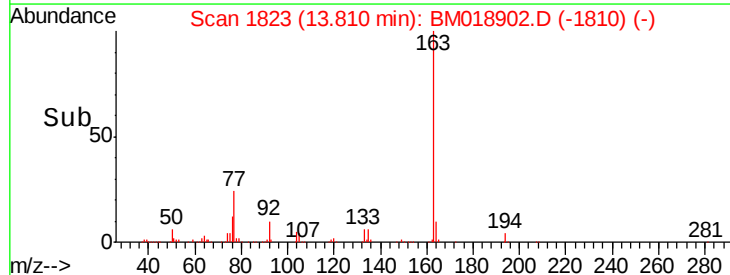
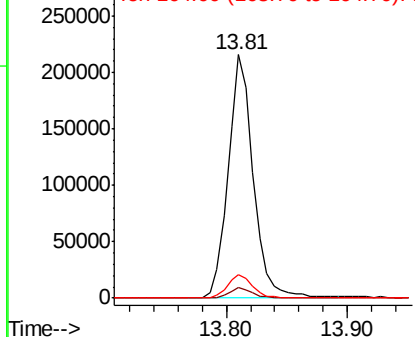


#50
Dimethylphthalate
Concen: 4.993 ng
RT: 13.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Tgt Ion:163 Resp: 310631
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
300000 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: 17.10 min Scan# 2382

Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

Instrument :

BNA_M

ClientSampleId :

RBR-200030

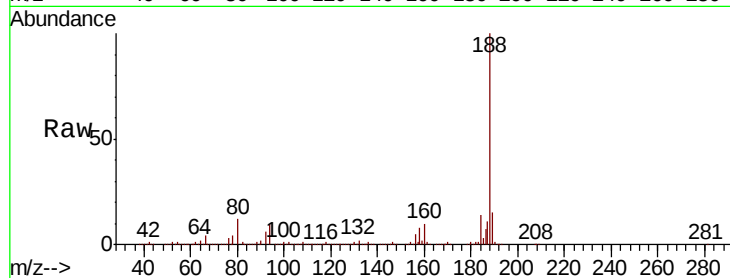
Tgt Ion:188 Resp: 1636463

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

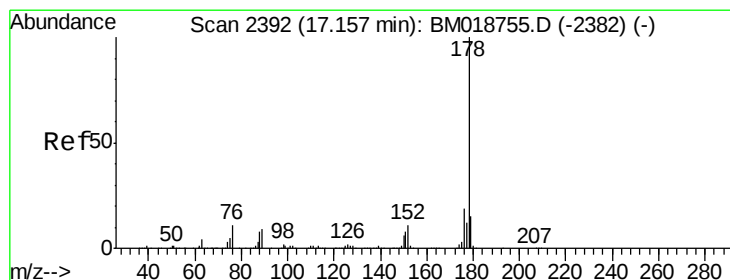
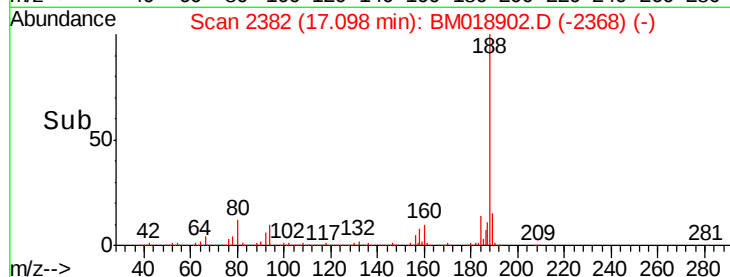
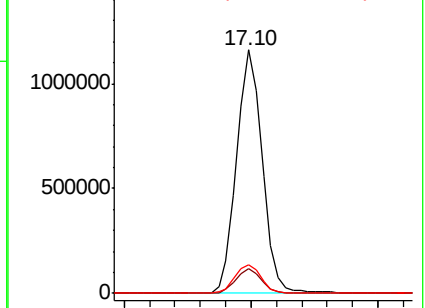
80 12.0 9.7 14.5



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: 2.746 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

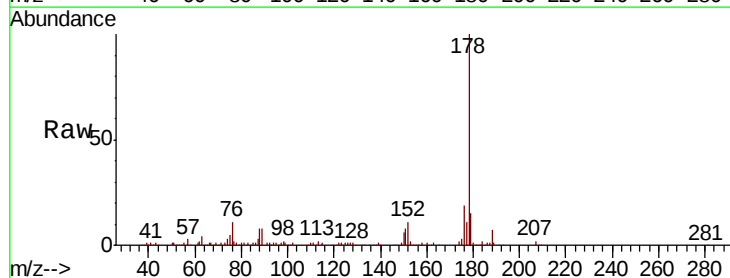
Tgt Ion:178 Resp: 241522

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

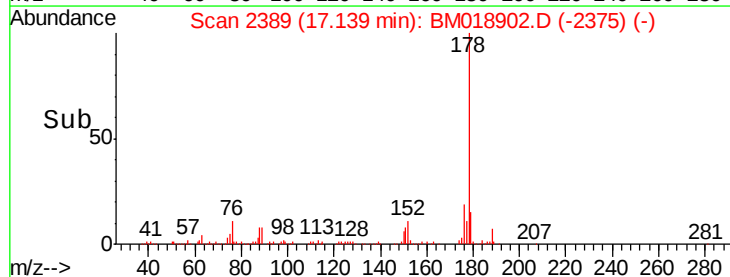
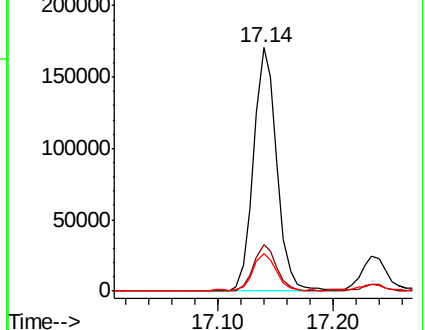
179 15.2 12.3 18.5

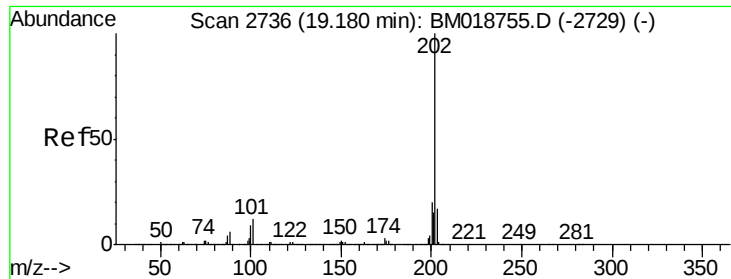


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.209 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

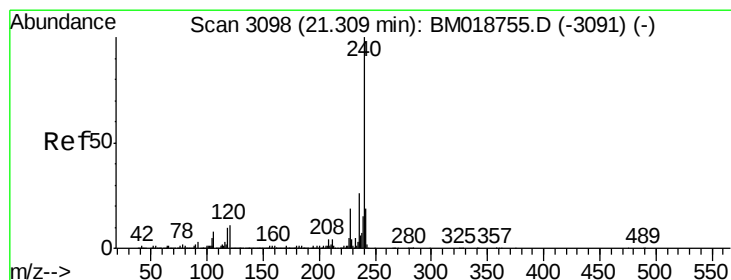
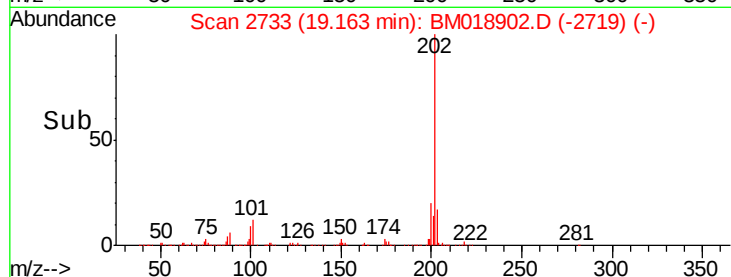
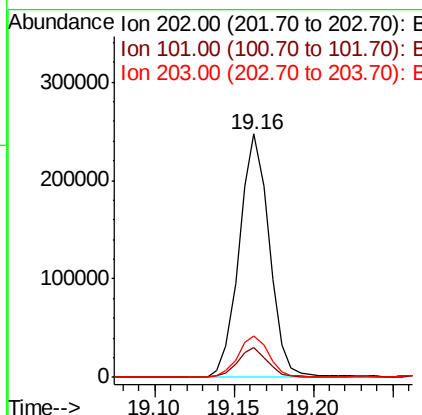
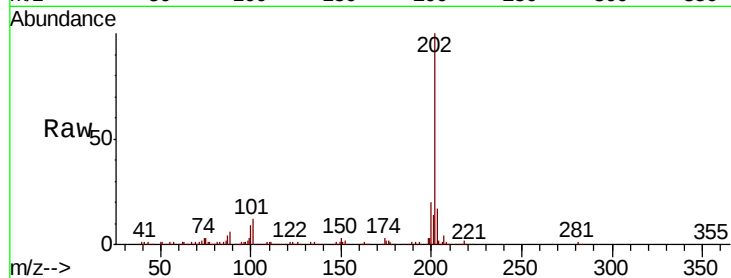
Instrument :

BNA_M

ClientSampleId :

RBR-200030

Tgt Ion:	202	Resp:	326001
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	17.1	0.0	37.3



#76

Chrysene-d12

Concen: 20.000 ng

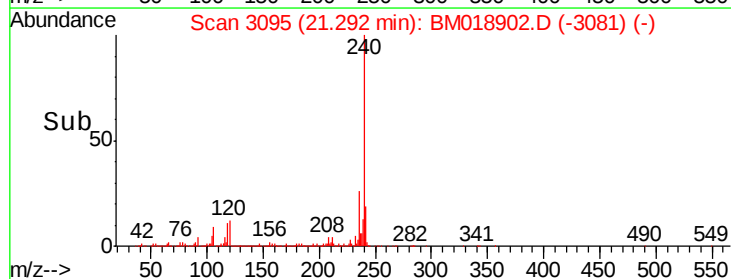
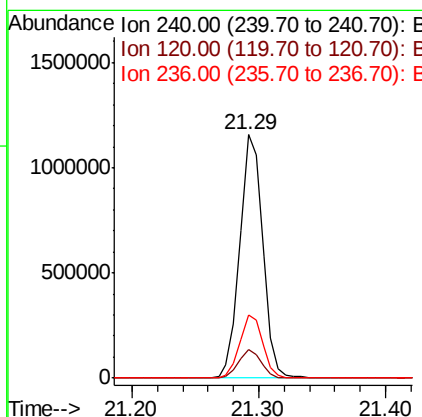
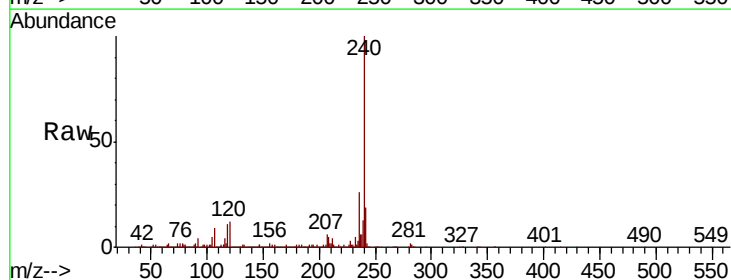
RT: 21.29 min Scan# 3095

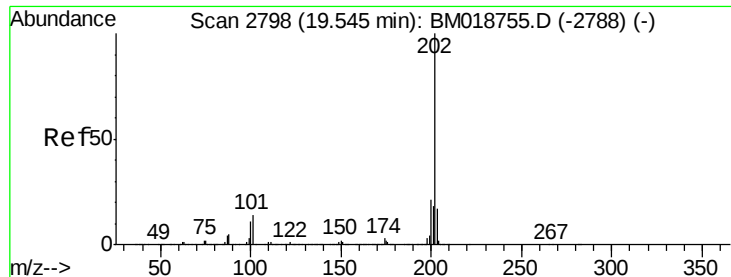
Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

Tgt Ion:	240	Resp:	1451533
Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.2	20.9	31.3

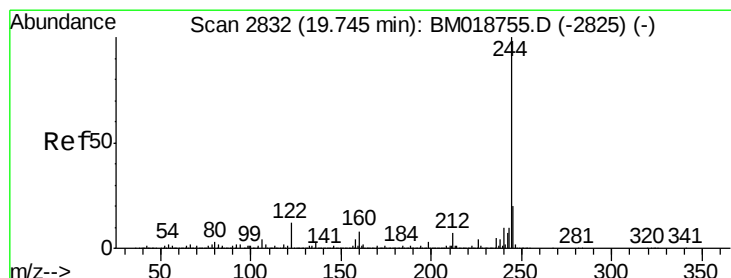
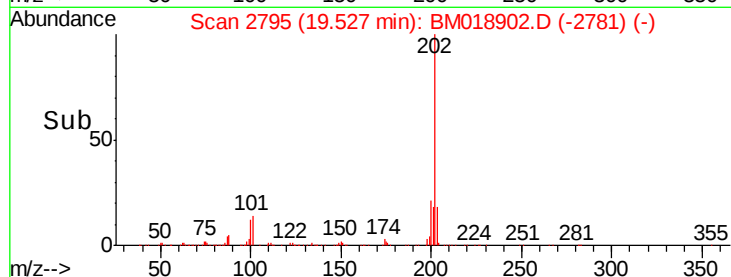
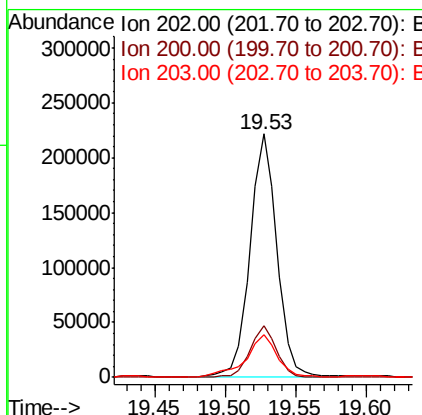
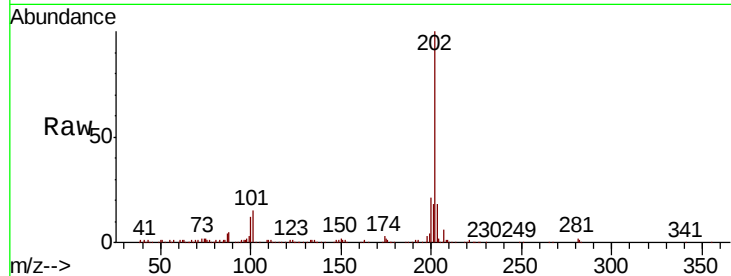




#78
 Pyrene
 Concen: 3.529 ng
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.02 min
 Lab File: BM018902.D
 Acq: 21 Feb 2019 18:56

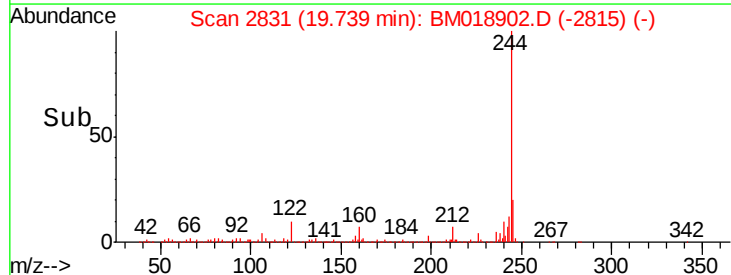
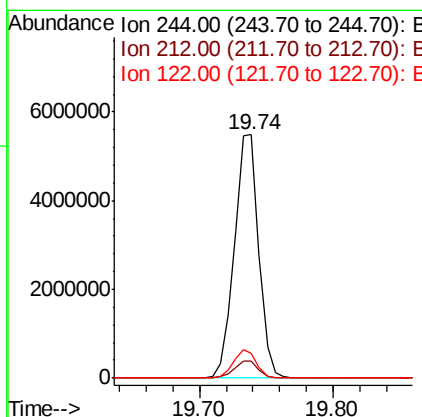
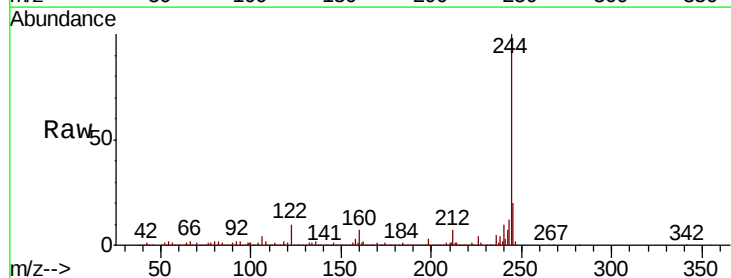
Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030

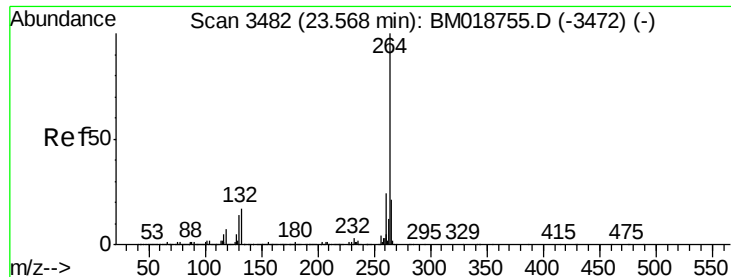
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	13.8	20.8



#79
 Terphenyl-d14
 Concen: 99.238 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018902.D
 Acq: 21 Feb 2019 18:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3478
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
BNA_M
ClientSampleId :
RBR-200030

Tgt Ion:264 Resp: 1312116

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.4	17.3	25.9

