

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 22 04:09:04 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

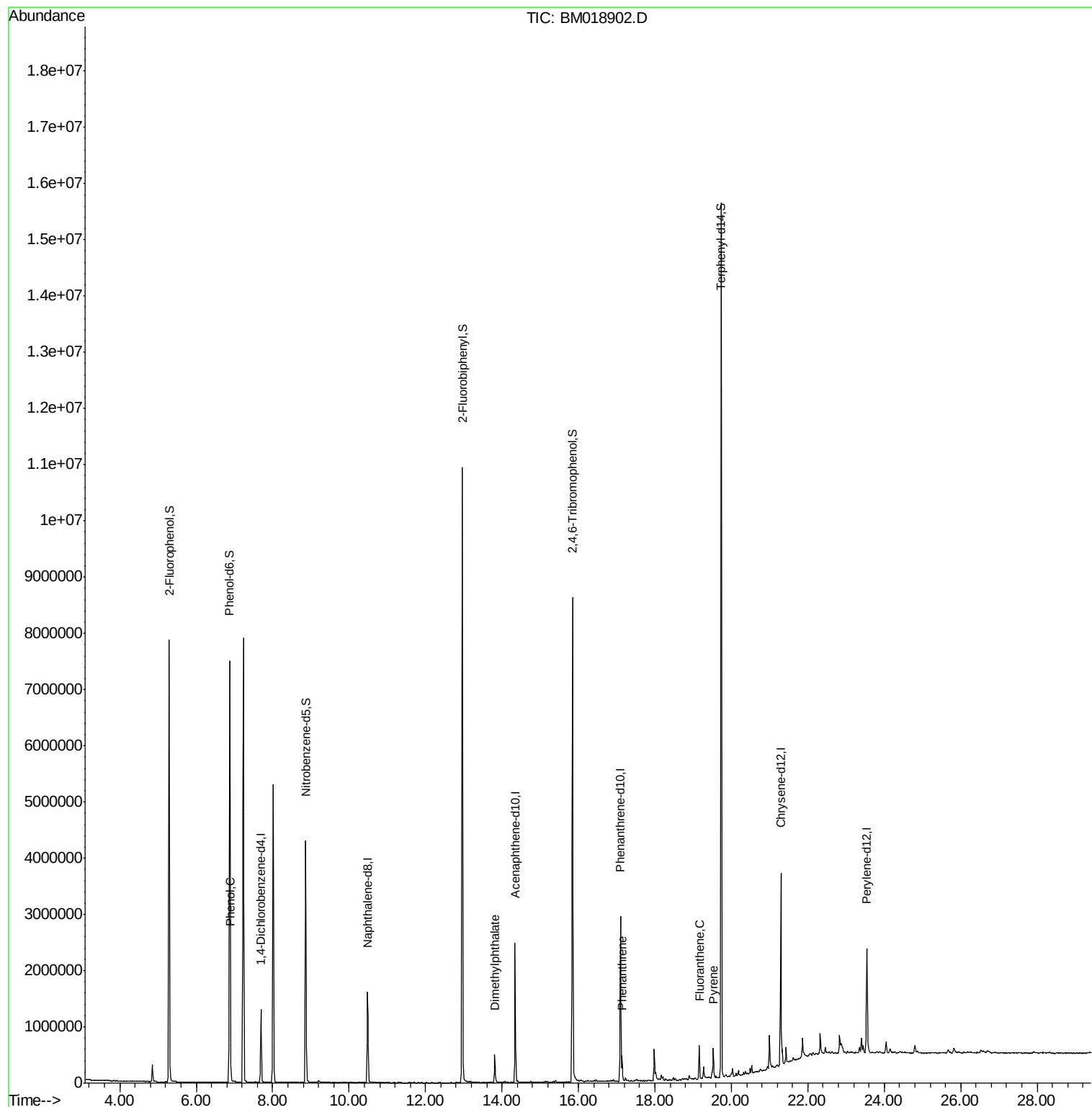
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	338151	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	1341386	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	746571	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1636463	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	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						
10) Phenol	6.90	94	62237	2.034	ng	Qvalue # 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

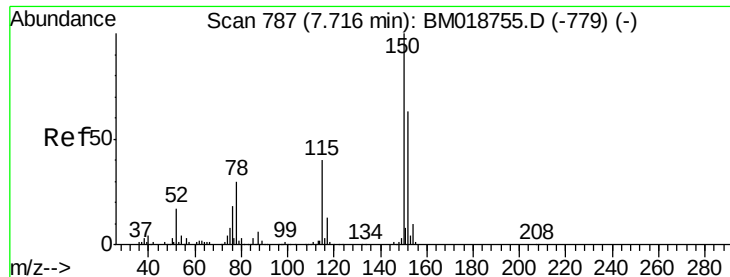
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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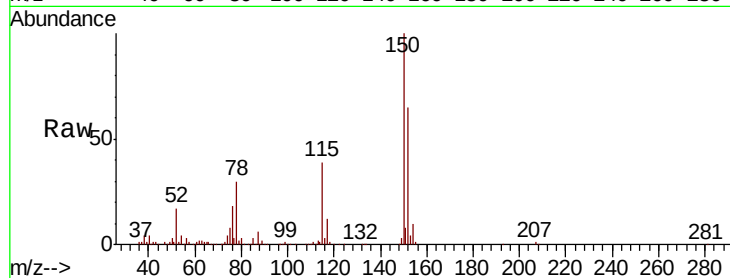


#1

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.3	190.9
115	60.6	50.8	76.2

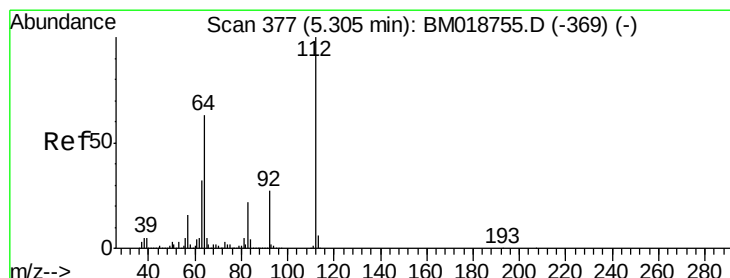
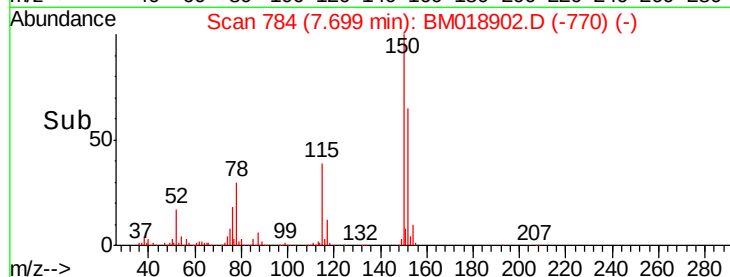
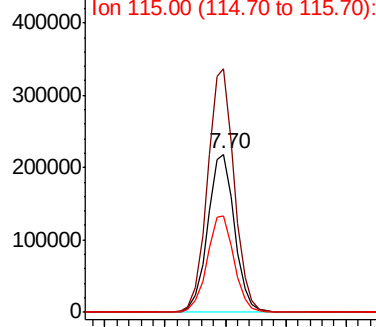


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

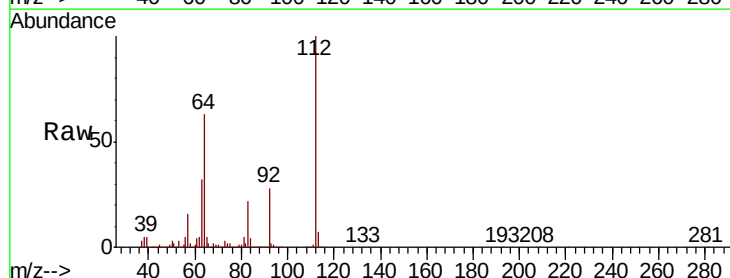
Ion 115.00 (114.70 to 115.70): E



#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	Ratio	Lower	Upper
112	100		
64	63.2	50.6	75.8
63	32.3	25.7	38.5

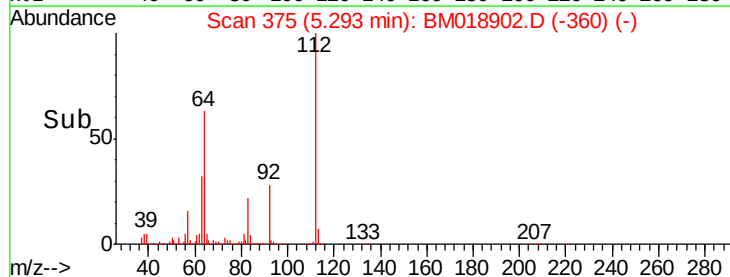
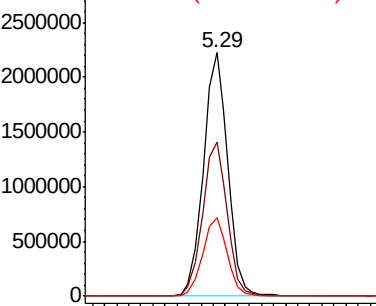


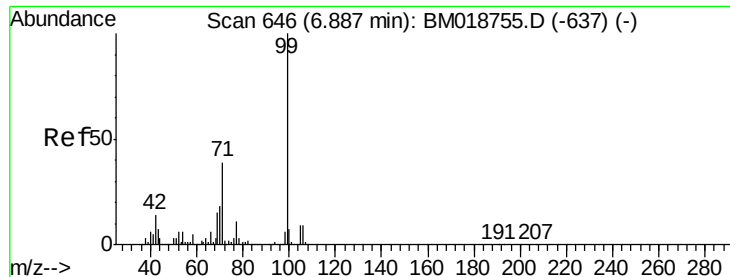
Abundance

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

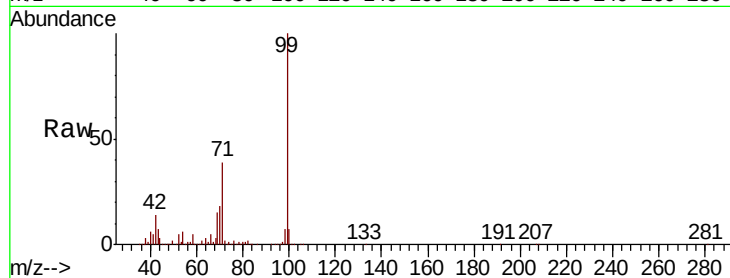
Tot Ion: 99 Resp: 4345952

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.6

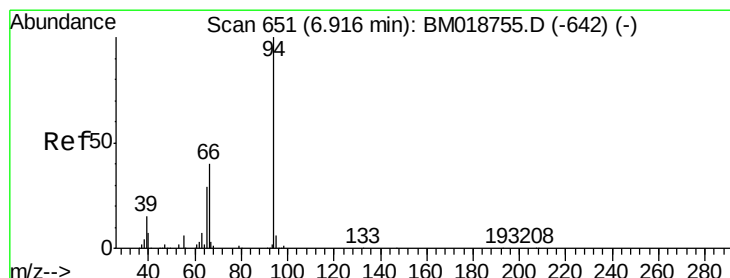
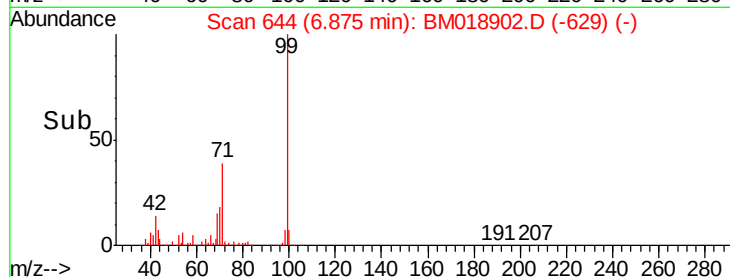
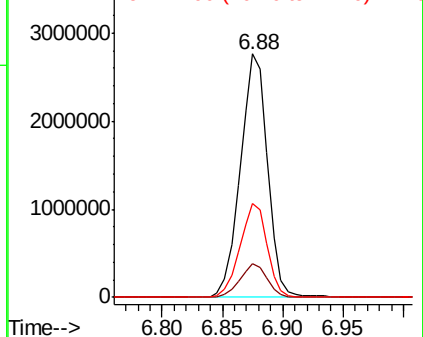
71 38.6 31.3 46.9



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

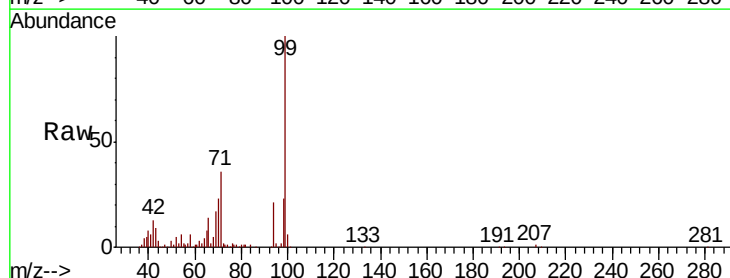
Tgt Ion: 94 Resp: 62237

Ion Ratio Lower Upper

94 100

65 36.7 9.6 49.6

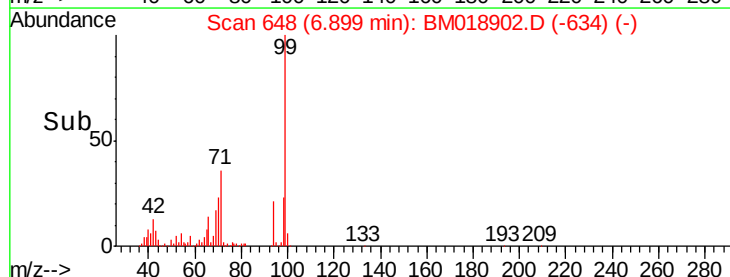
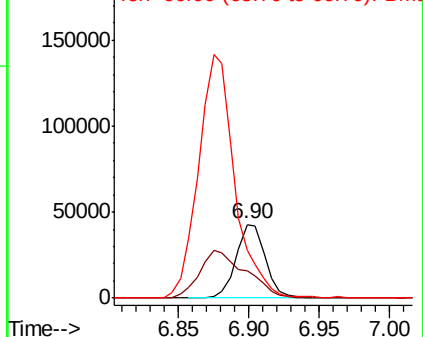
66 65.4 20.4 60.4#

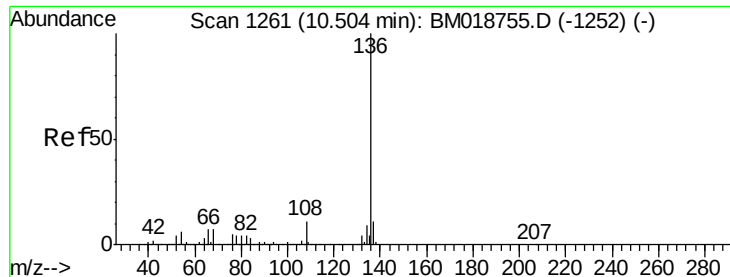


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

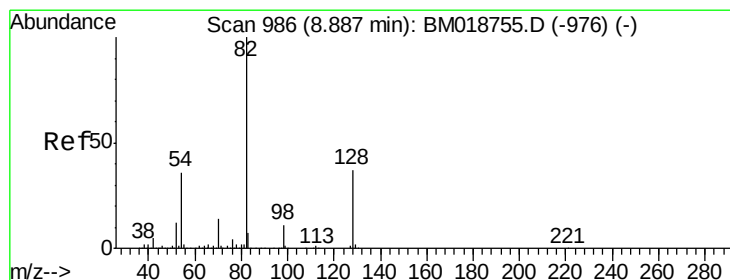
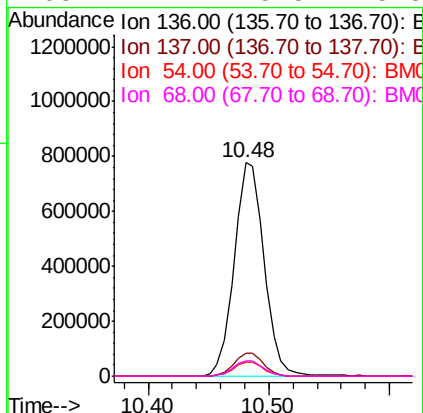
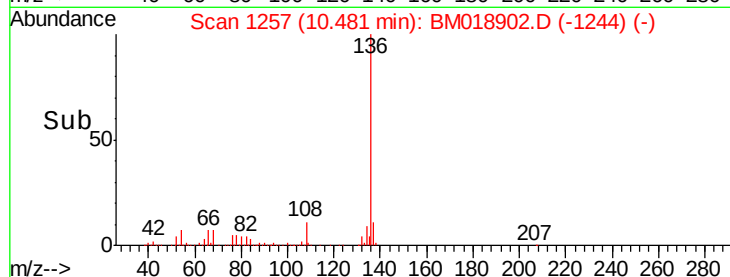
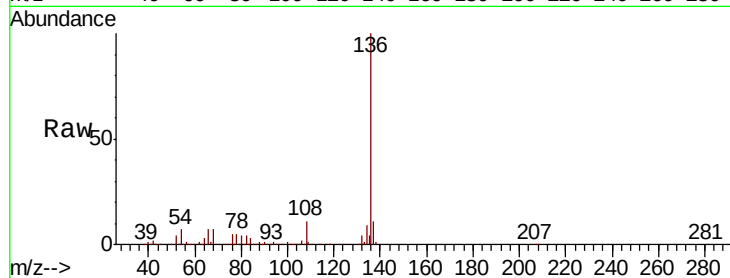




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

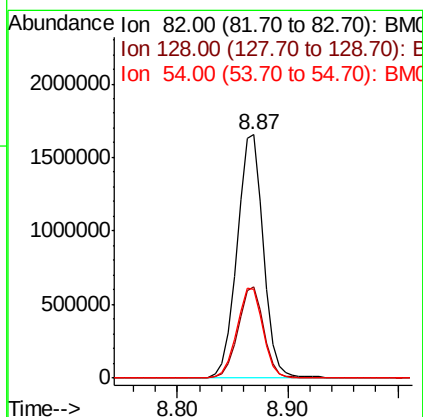
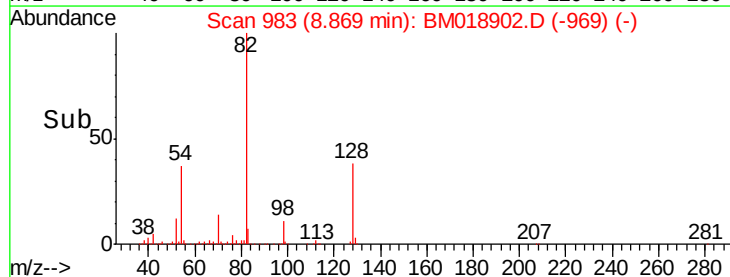
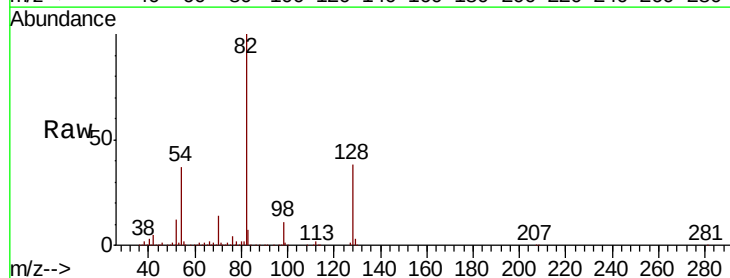
Instrument :
BNA_M
ClientSampleId :
RBR-200030

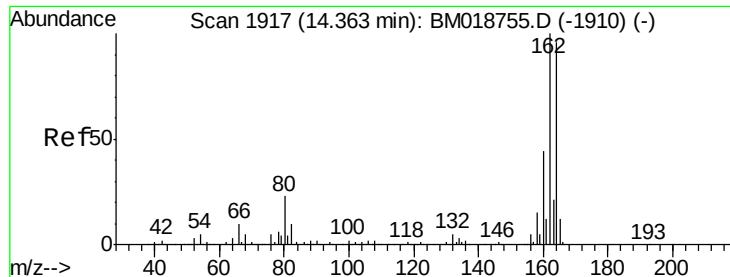
Tot Ion:136	Resp: 1341386
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.8	5.0 7.6
68 7.4	5.5 8.3



#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

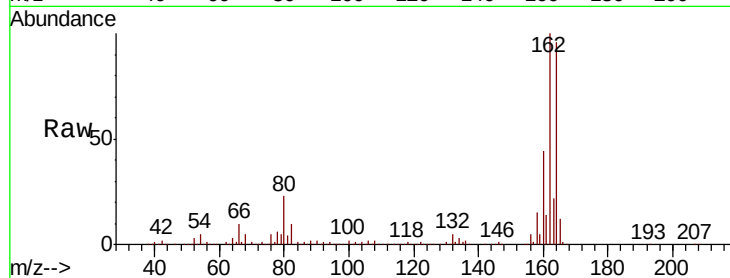




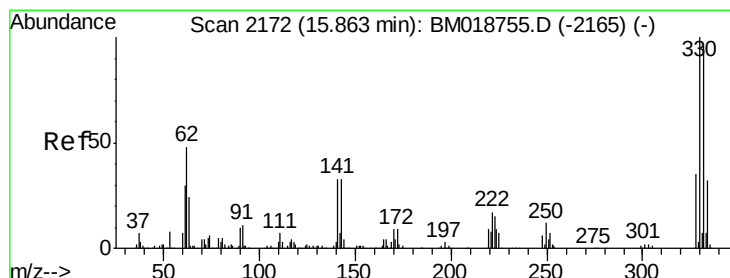
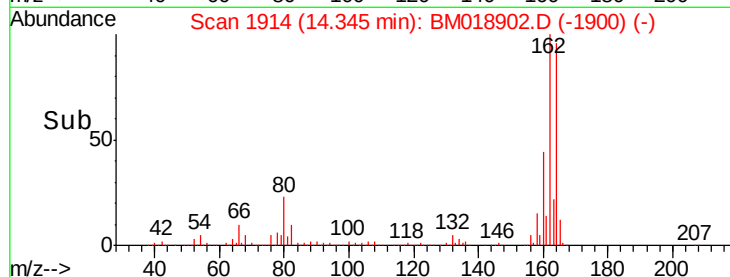
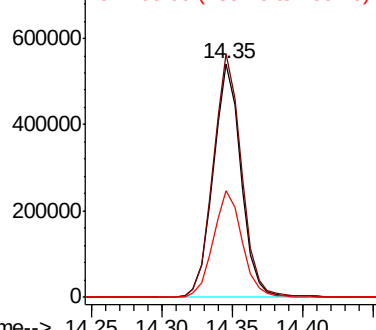
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
BNA_M
ClientSampleId :
RBR-200030

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

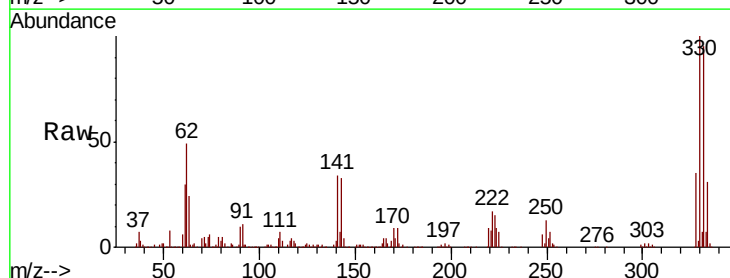


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

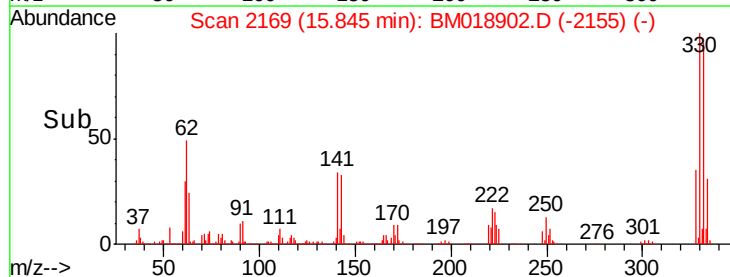
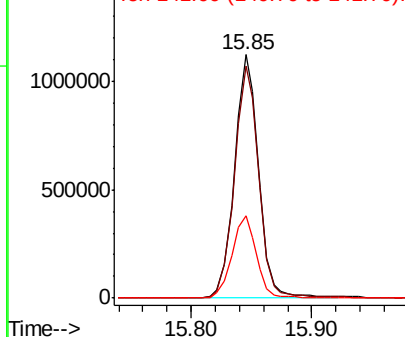


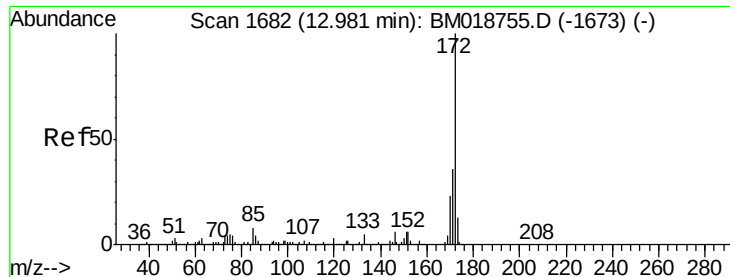
#42
2,4,6-Tribromophenol
Concen: 144.938 ng
RT: 15.85 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

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

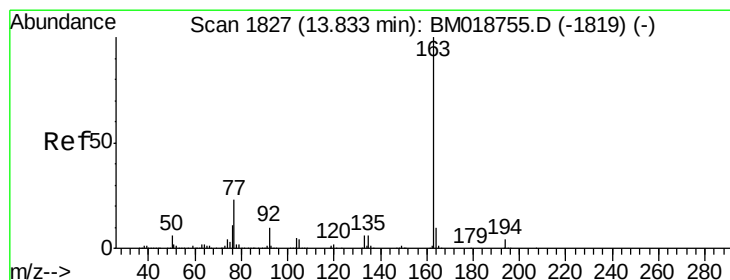
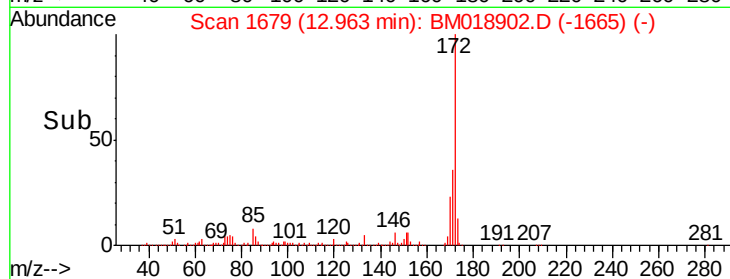
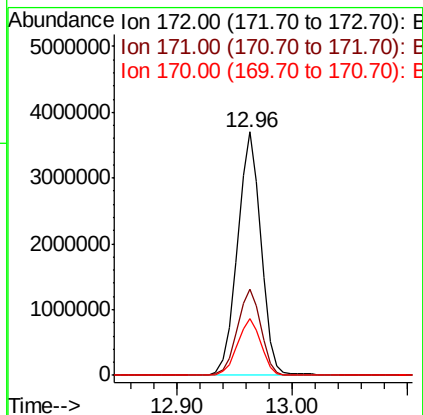
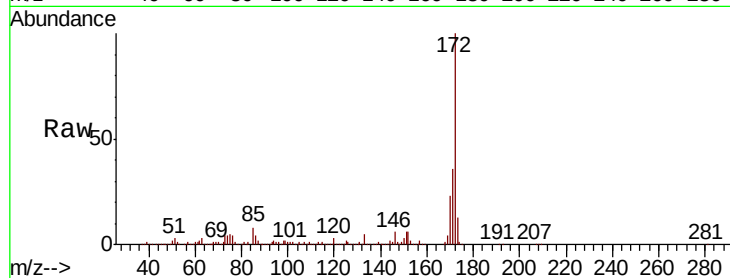




#45
2-Fluorobiphenyl
Concen: 92.472 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

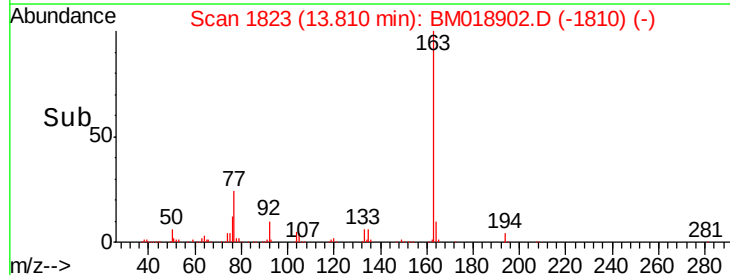
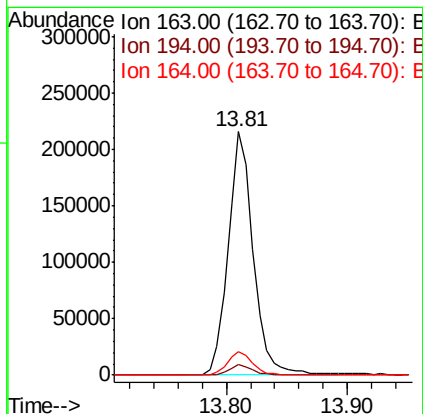
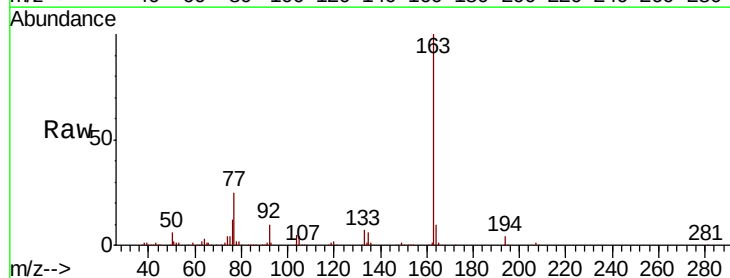
Instrument :
BNA_M
ClientSampleId :
RBR-200030

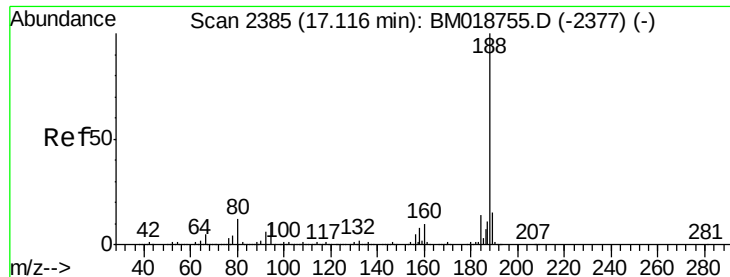
Tot Ion:172 Resp: 5200643
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.5 18.6 28.0



#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





#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

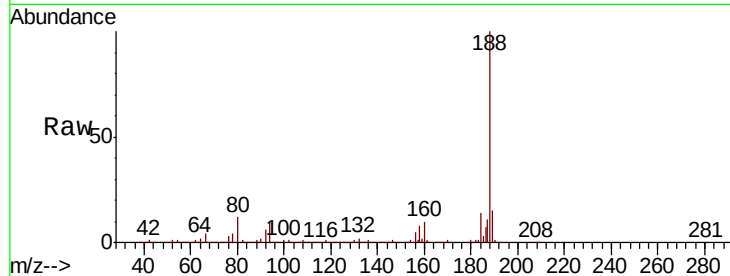
Tot Ion:188 Resp: 1636463

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

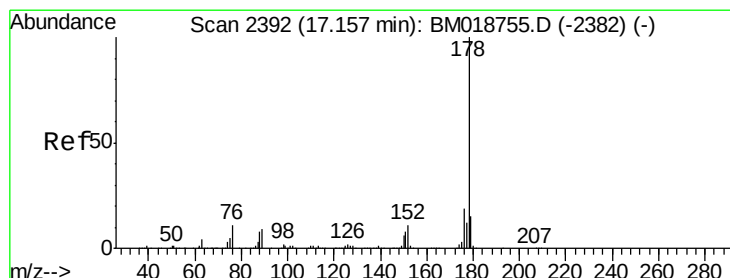
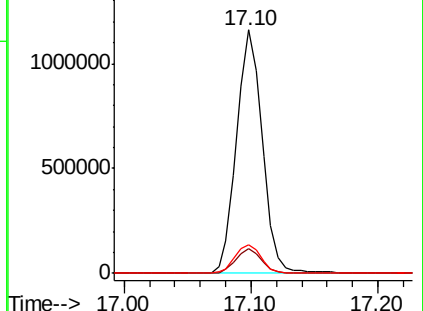
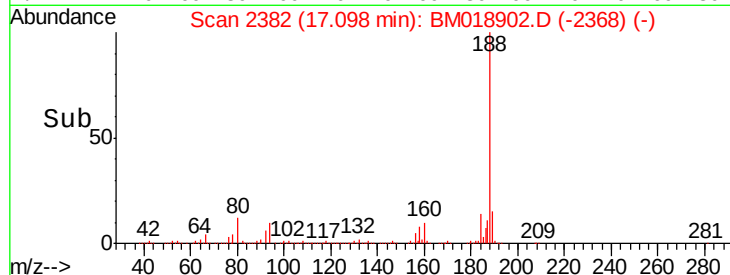
80 12.0 9.7 14.5



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

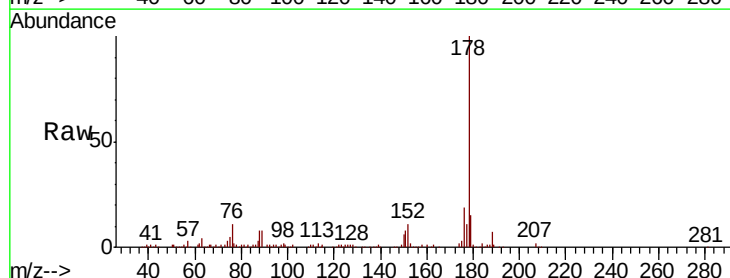
Tgt Ion:178 Resp: 241522

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

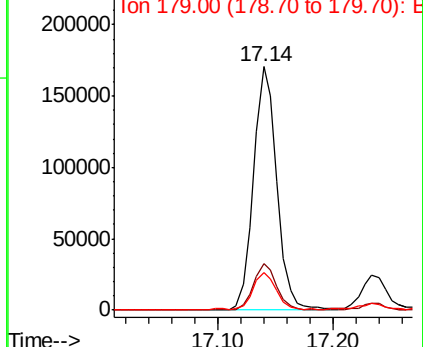
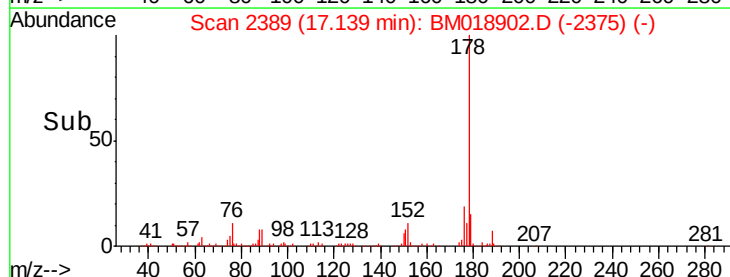
179 15.2 12.3 18.5

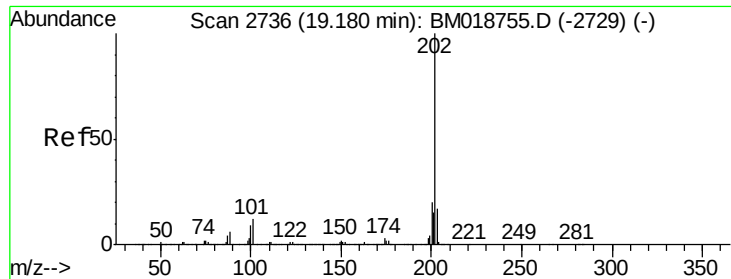


Abundance Ion 178.00 (177.70 to 178.70): E

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

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ClientSampleId :

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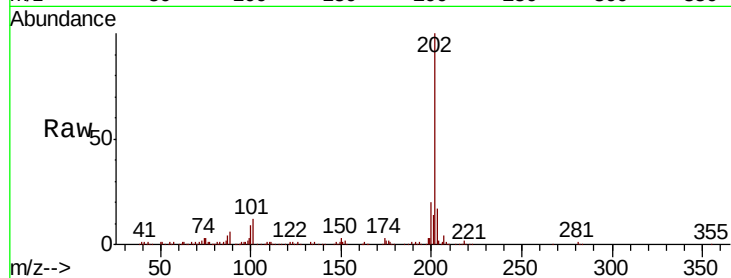
Tot Ion:202 Resp: 326001

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

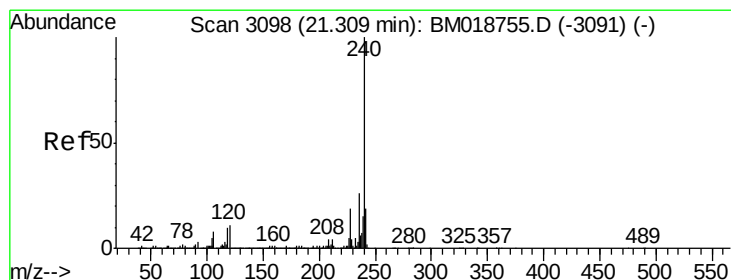
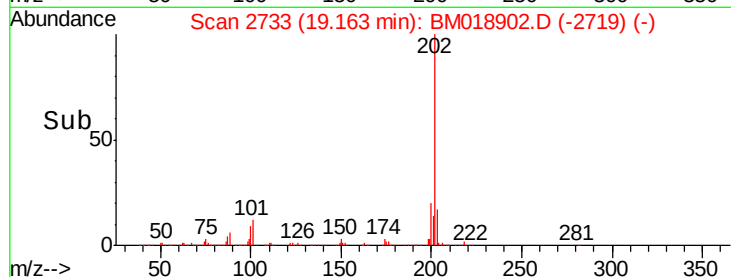
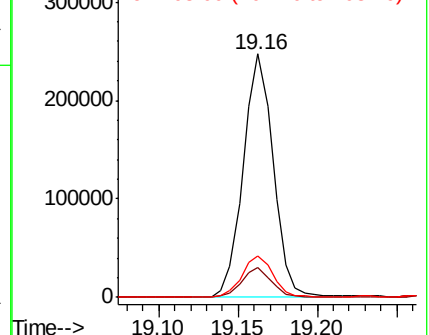
203 17.1 0.0 37.3



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: 21.29 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM018902.D

Acq: 21 Feb 2019 18:56

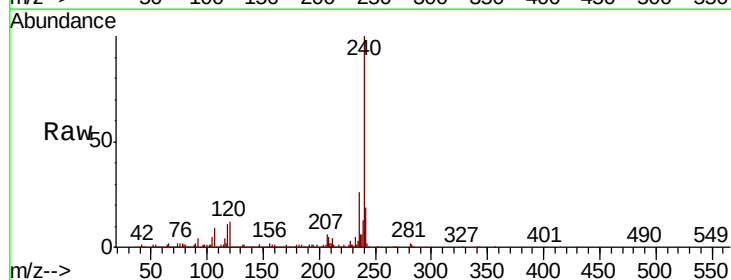
Tgt Ion:240 Resp: 1451533

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

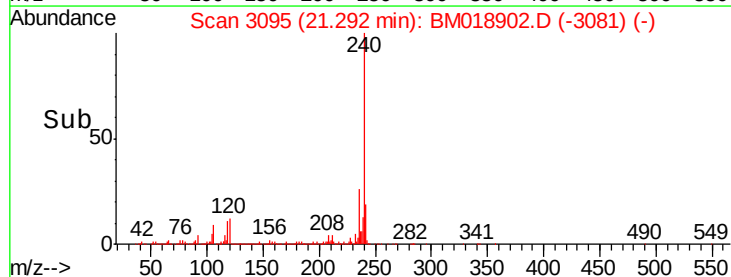
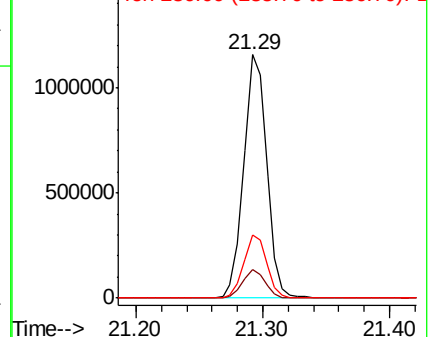
236 26.2 20.9 31.3

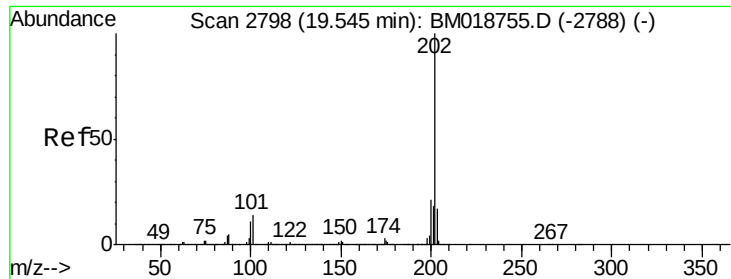


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

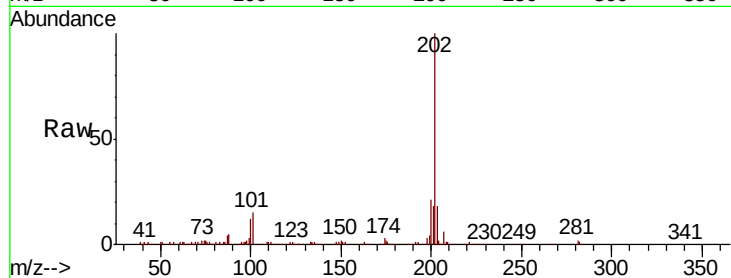




#78
Pvrene
Concen: 3.529 ng
RT: 19.53 min Scan# 2795
Delta R.T. -0.02 min
Lab File: BM018902.D
Acq: 21 Feb 2019 18:56

Instrument :
BNA_M
ClientSampleId :
RBR-200030

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

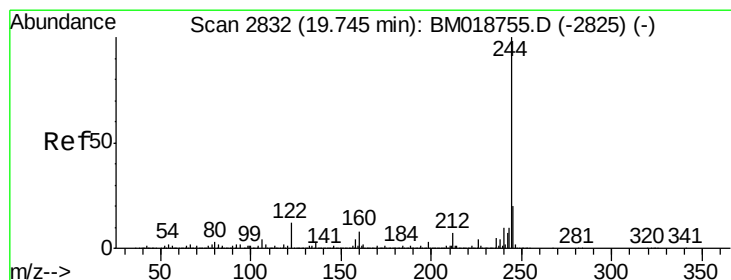
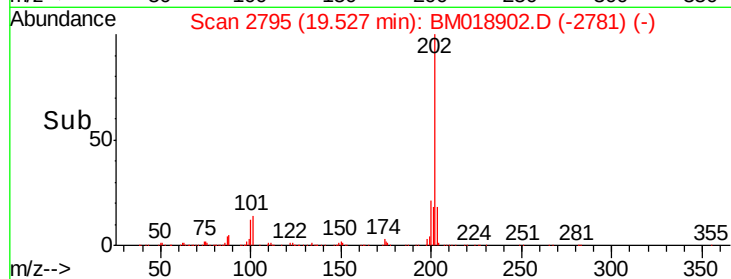
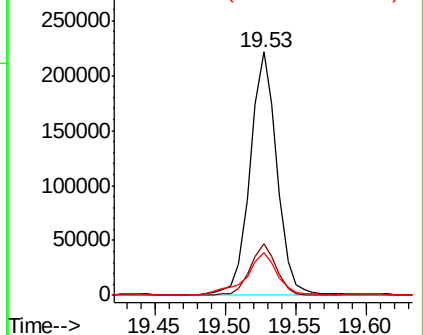


Abundance

Ion 202.00 (201.70 to 202.70): E

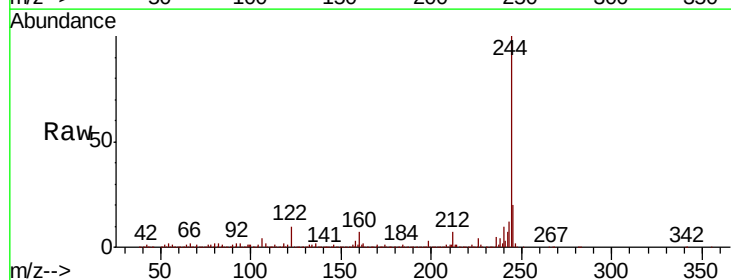
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 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

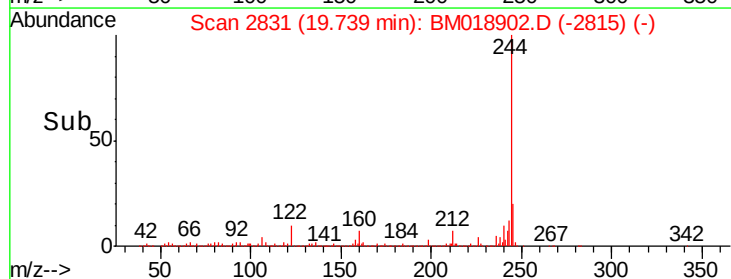
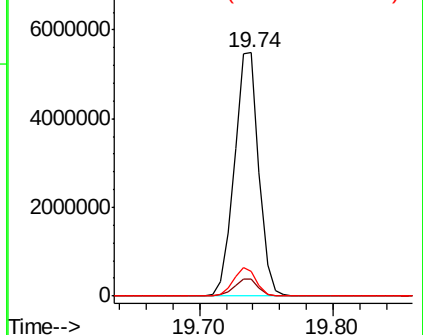


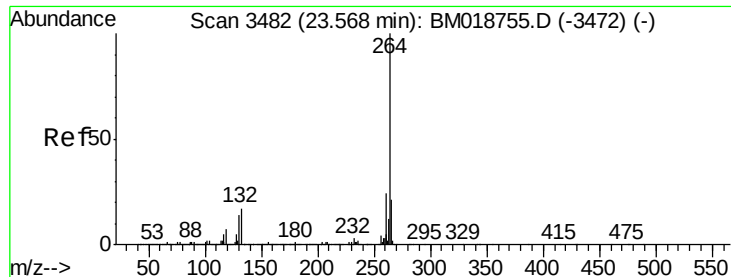
Abundance

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





#87
 Pervlene-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

Tot Ion:264 Resp: 1312116
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.4 17.3 25.9

