

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
 Data File : BM019200.D
 Acq On : 15 Mar 2019 23:34
 Operator : JU/SJ
 Sample : K1911-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR200051

Quant Time: Mar 16 01:39:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

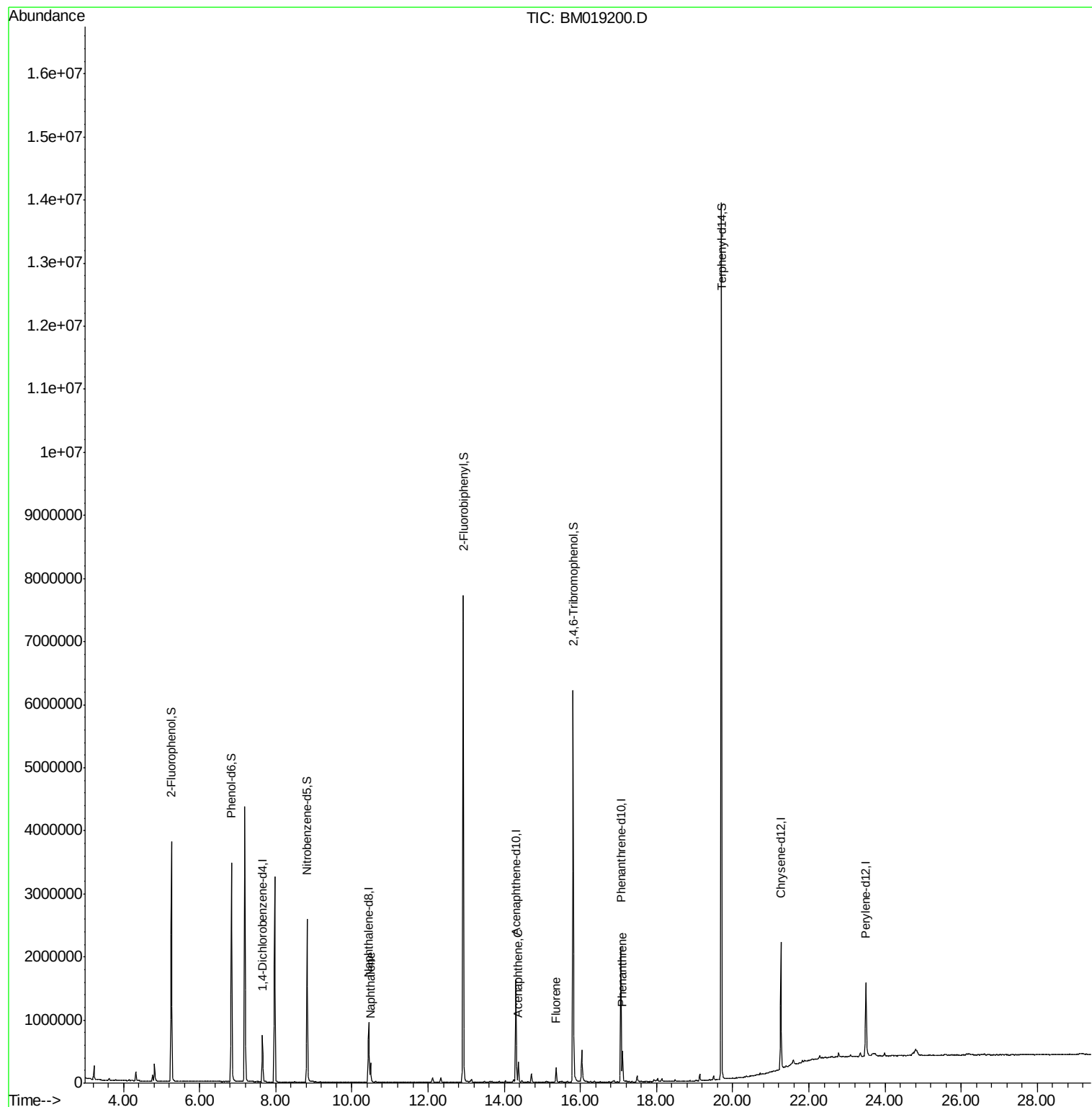
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	190651	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	816373	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	524925	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1185327	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	938160	20.00	ng	-0.01
87) Perylene-d12	23.50	264	826827	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1580306	134.24	ng	0.00
7) Phenol-d6	6.84	99	2091990	121.49	ng	0.00
23) Nitrobenzene-d5	8.82	82	1656053	95.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1153623	148.85	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3840689	95.17	ng	-0.01
79) Terphenyl-d14	19.70	244	6132873	129.78	ng	0.00
Target Compounds						
31) Naphthalene	10.49	128	245761	5.712	ng	98
52) Acenaphthene	14.37	154	107141	3.223	ng	99
58) Fluorene	15.36	166	105944	2.397	ng	99
71) Phenanthrene	17.10	178	267643	3.852	ng	99

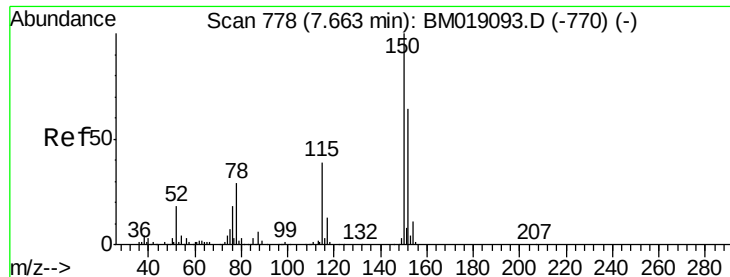
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration



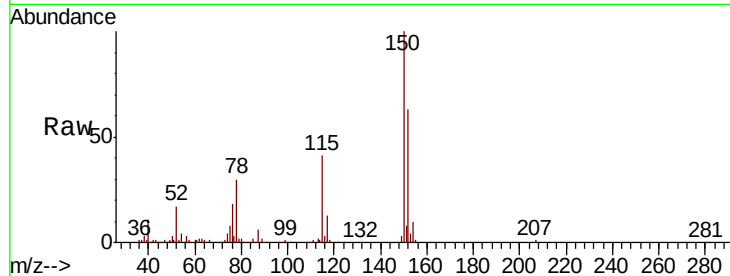


#1

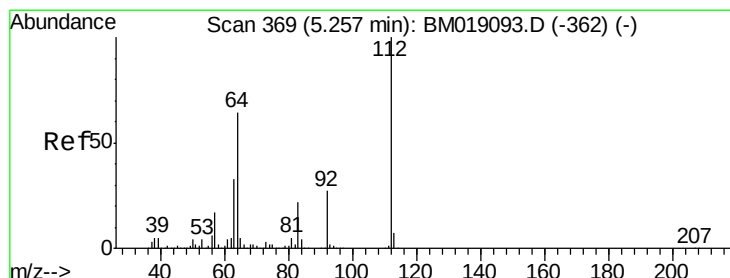
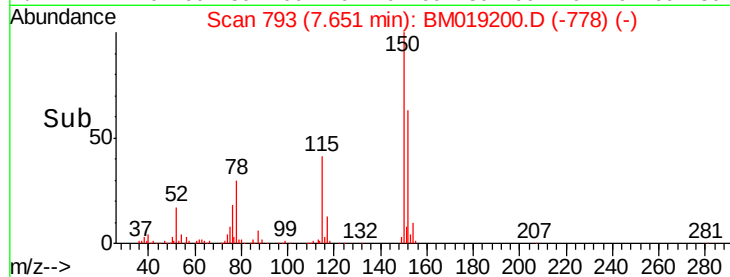
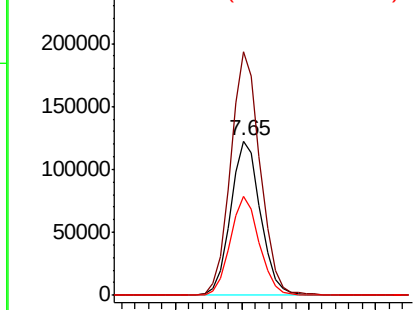
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019200.D
Acq: 15 Mar 2019 23:34

Instrument :
BNA_M
ClientSampleId :
RBR200051

Tgt Ion:152 Resp: 190651
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 64.1 49.4 74.0



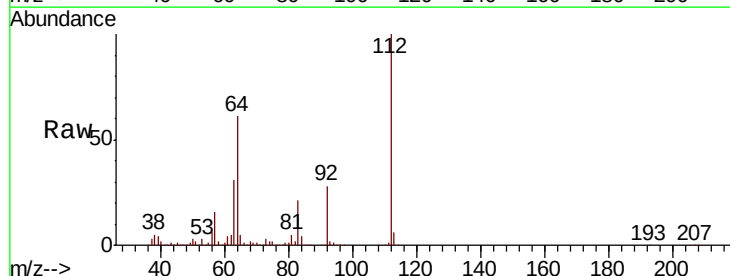
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



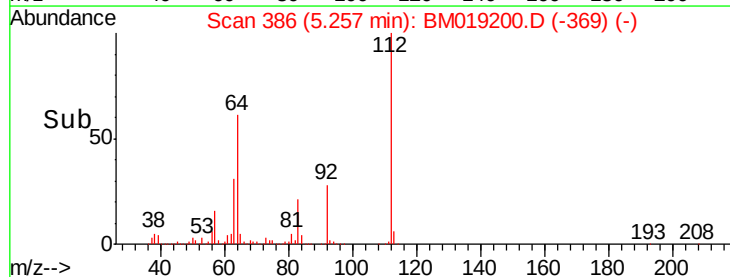
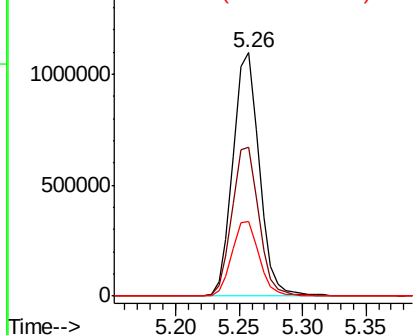
#5

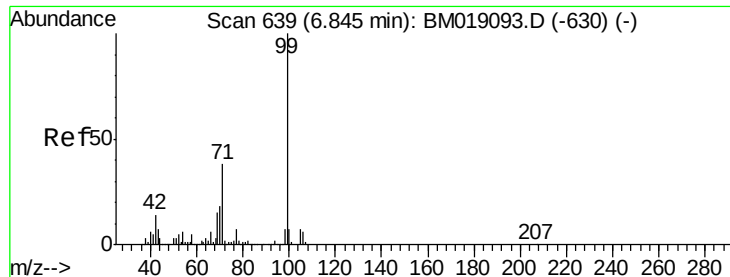
2-Fluorophenol
Concen: 134.238 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019200.D
Acq: 15 Mar 2019 23:34

Tgt Ion:112 Resp: 1580306
Ion Ratio Lower Upper
112 100
64 61.3 51.4 77.0
63 30.9 26.6 40.0



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: 121.489 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Instrument :

BNA_M

ClientSampleId :

RBR200051

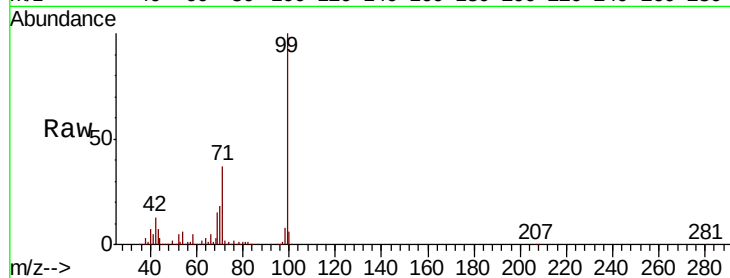
Tgt Ion: 99 Resp: 2091990

Ion Ratio Lower Upper

99 100

42 13.3 10.9 16.3

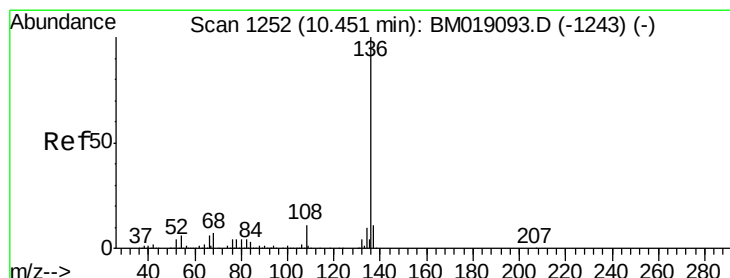
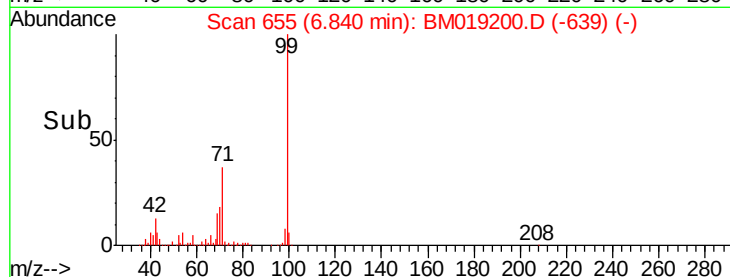
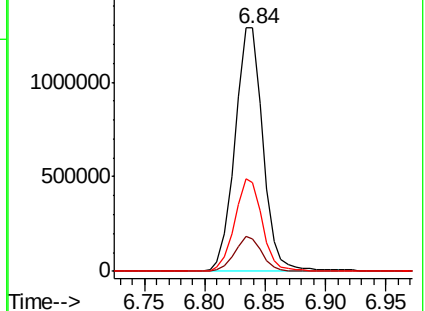
71 36.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Tgt Ion: 136 Resp: 816373

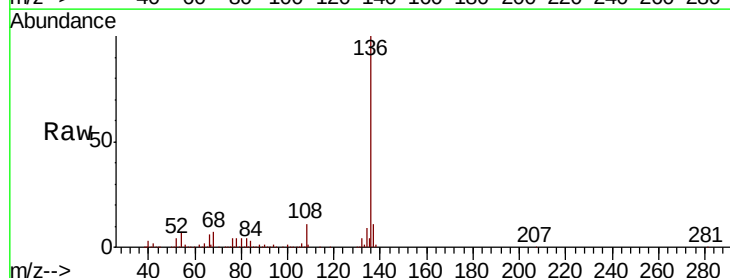
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.7 5.2 7.8

68 7.1 5.8 8.8

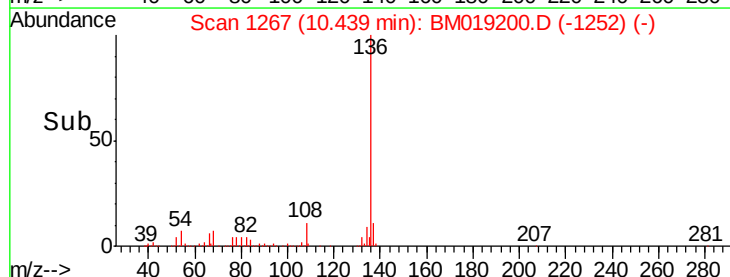
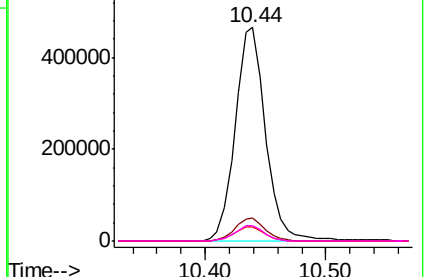


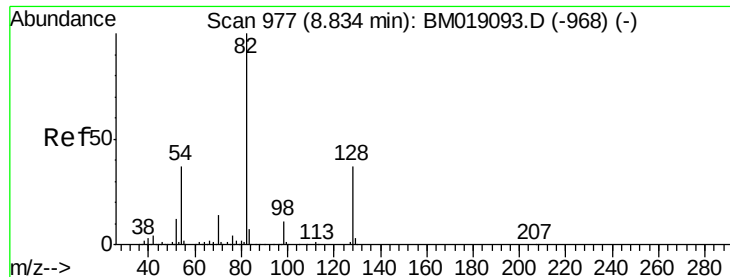
Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

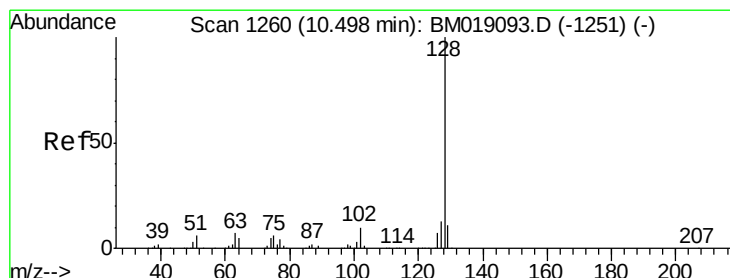
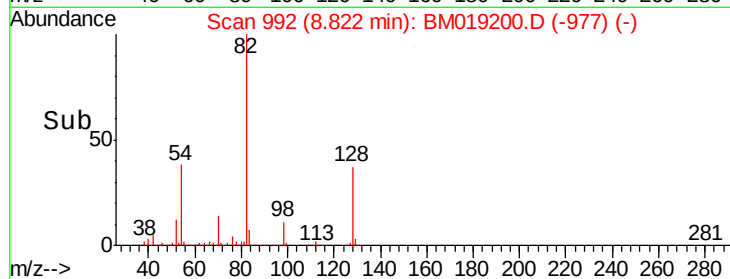
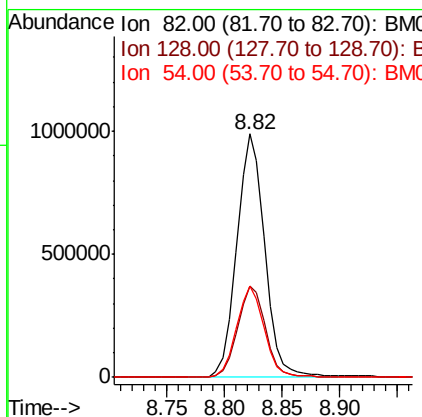
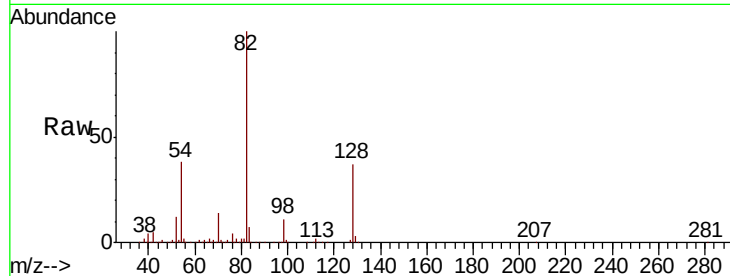




#23
 Nitrobenzene-d5
 Concen: 95.890 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM019200.D
 Acq: 15 Mar 2019 23:34

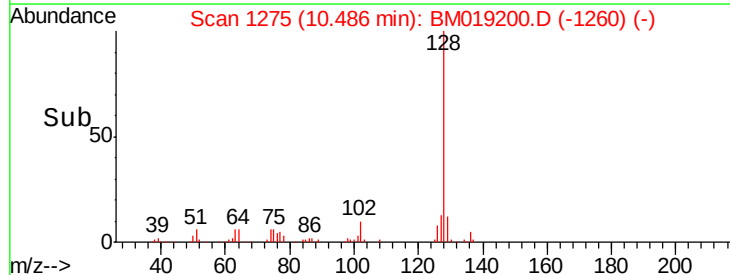
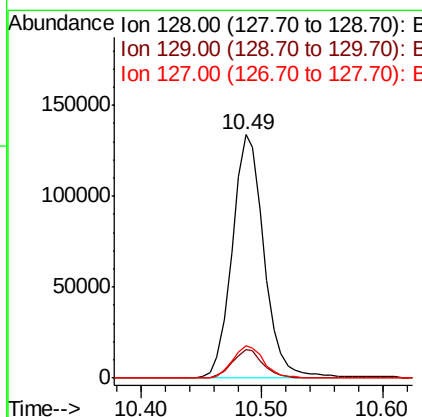
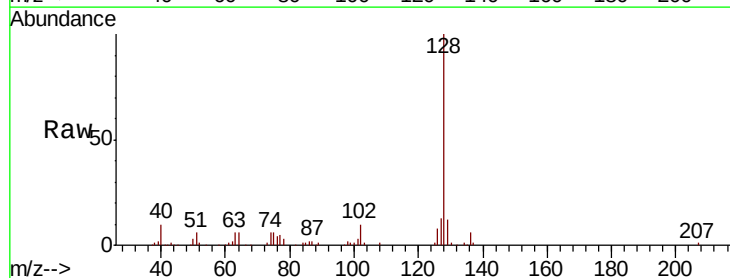
Instrument :
 BNA_M
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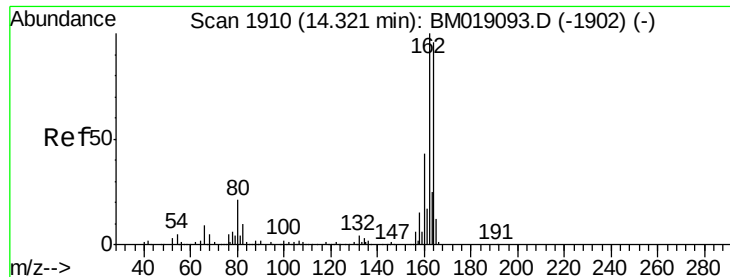
Tgt Ion: 82 Resp: 1656053
 Ion Ratio Lower Upper
 82 100
 128 37.4 29.4 44.2
 54 37.5 29.9 44.9



#31
 Naphthalene
 Concen: 5.712 ng
 RT: 10.49 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM019200.D
 Acq: 15 Mar 2019 23:34

Tgt Ion: 128 Resp: 245761
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.6 13.0
 127 13.3 10.4 15.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Instrument :

BNA_M

ClientSampleId :

RBR200051

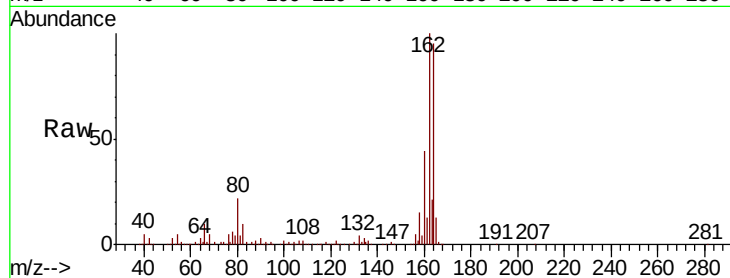
Tgt Ion:164 Resp: 524925

Ion Ratio Lower Upper

164 100

162 104.8 83.5 125.3

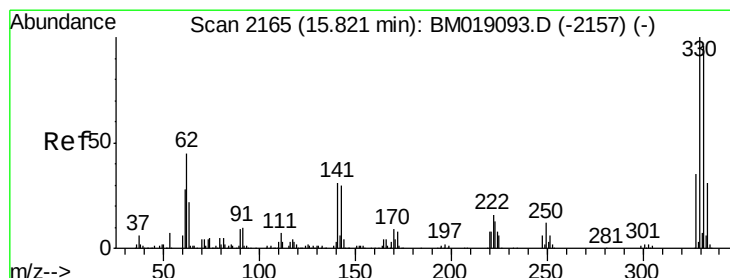
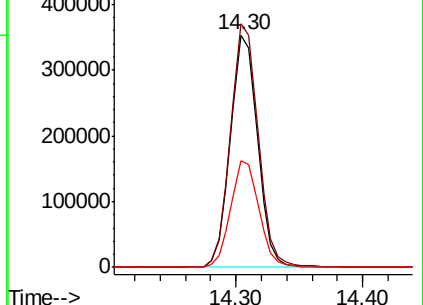
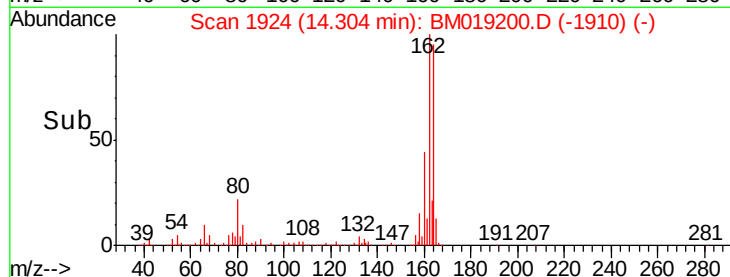
160 45.8 36.3 54.5



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: 148.848 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

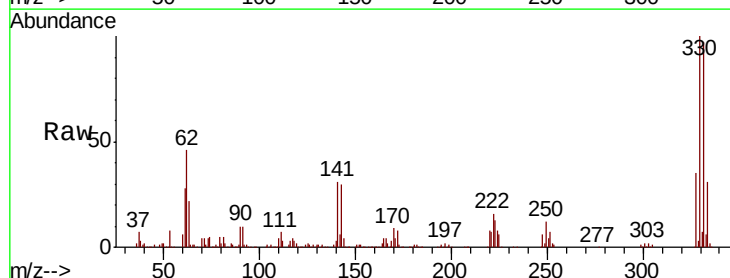
Tgt Ion:330 Resp: 1153623

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

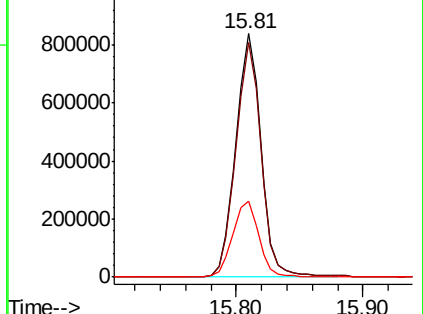
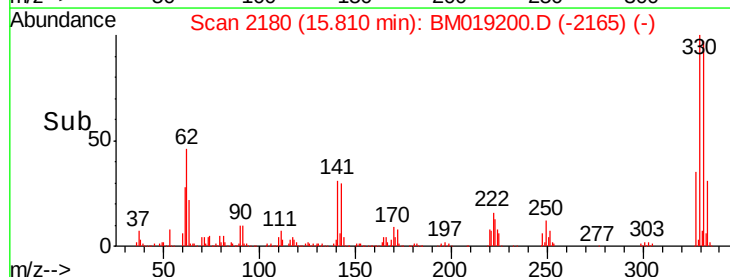
141 32.7 27.0 40.4

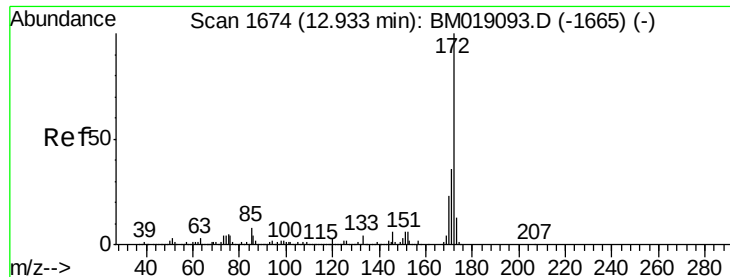


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 95.172 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Instrument :

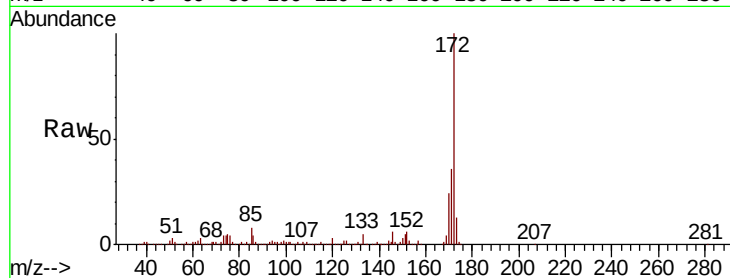
BNA_M

ClientSampleId :

RBR200051

Tgt Ion:172 Resp: 3840689

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.5	18.6	28.0

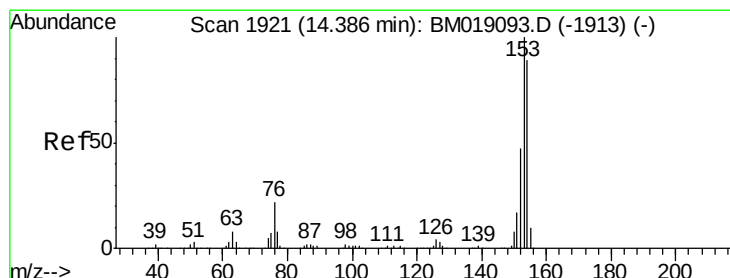
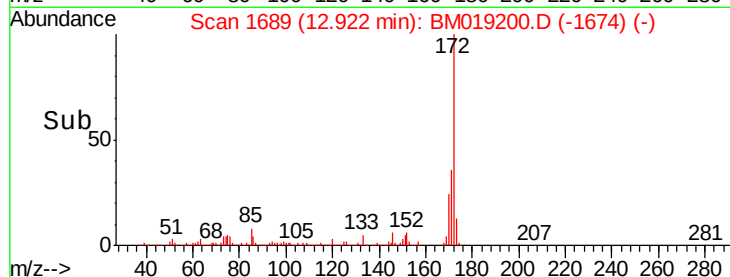
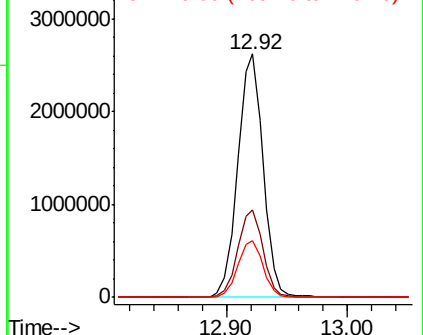


Abundance

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



#52

Acenaphthene

Concen: 3.223 ng

RT: 14.37 min Scan# 1935

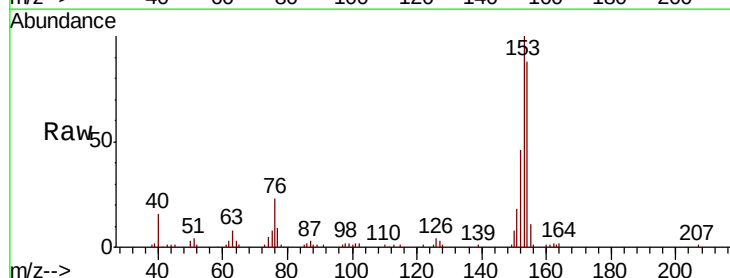
Delta R.T. -0.02 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Tgt Ion:154 Resp: 107141

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.1	135.1
152	52.7	42.5	63.7

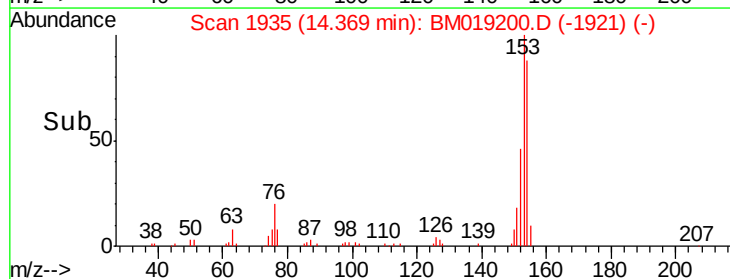
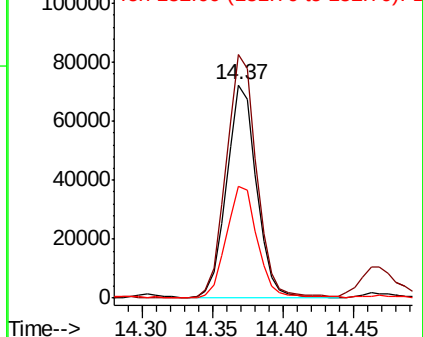


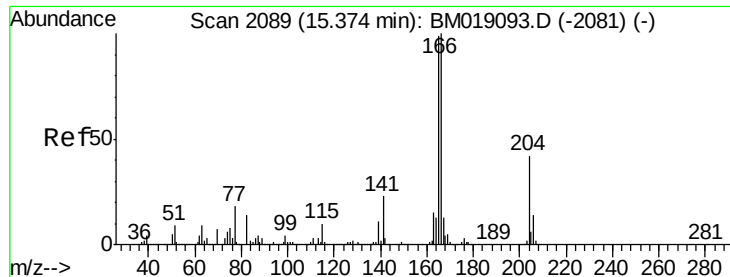
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 2.397 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Instrument :

BNA_M

ClientSampleId :

RBR200051

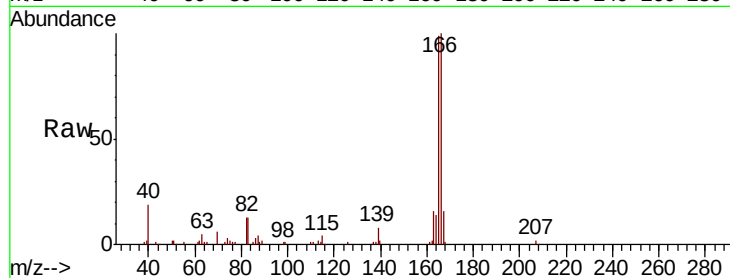
Tgt Ion:166 Resp: 105944

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

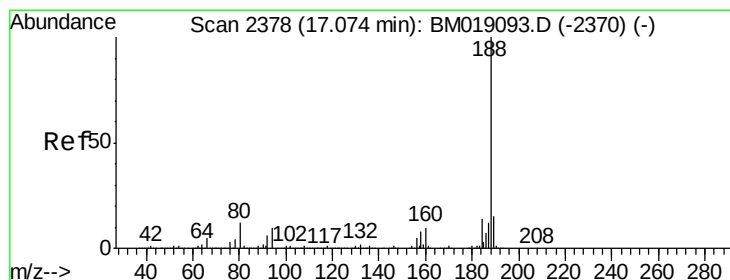
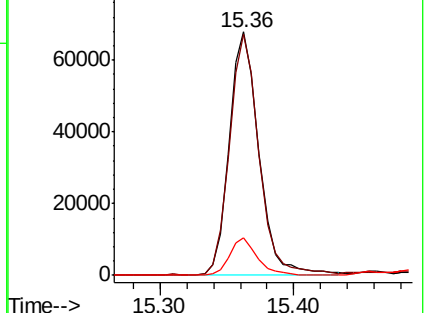
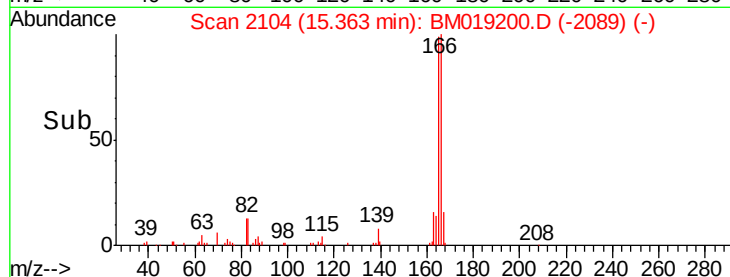
167 15.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

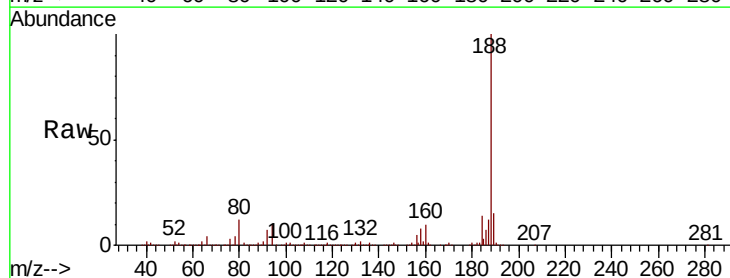
Tgt Ion:188 Resp: 1185327

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

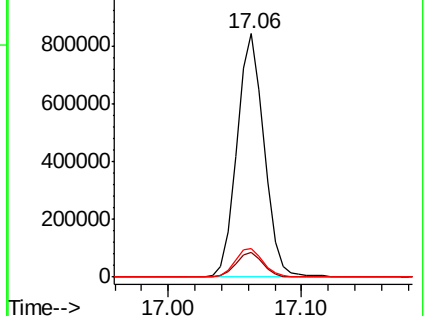
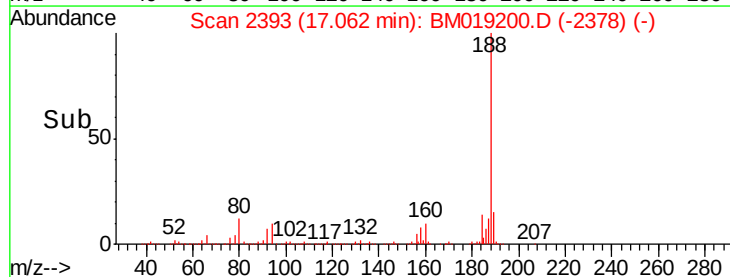
80 12.0 9.7 14.5

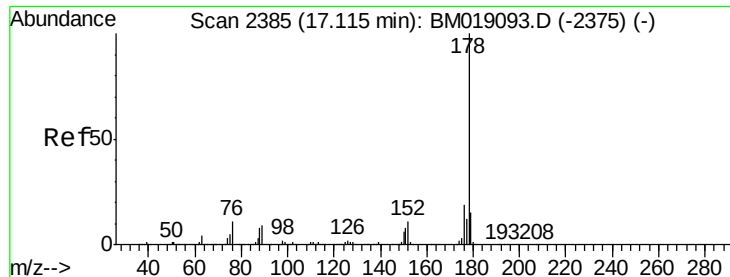


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

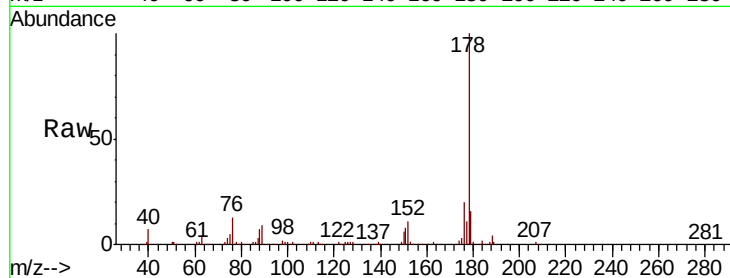




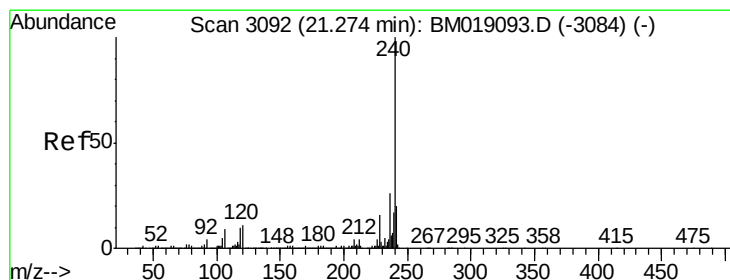
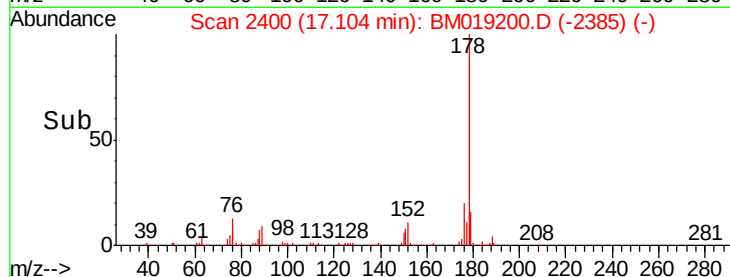
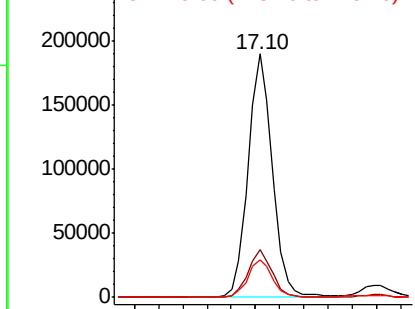
#71
Phenanthrene
Concen: 3.852 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019200.D
Acq: 15 Mar 2019 23:34

Instrument :
BNA_M
ClientSampleId :
RBR200051

Tgt Ion:178 Resp: 267643
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.6 12.2 18.2

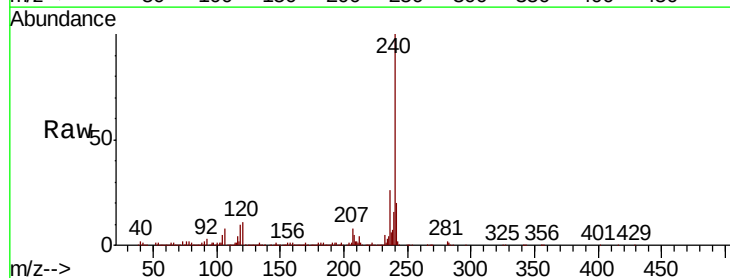


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

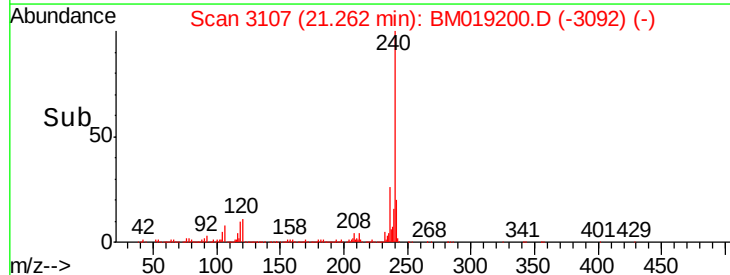
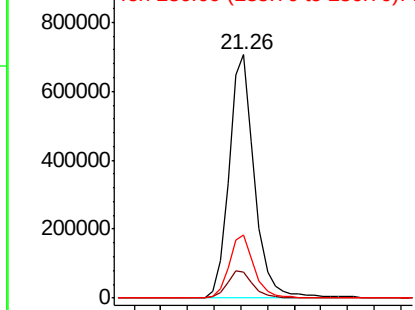


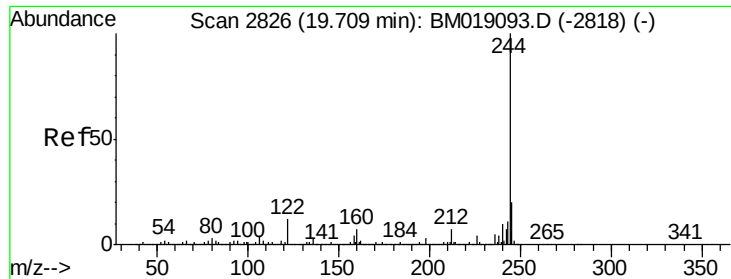
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019200.D
Acq: 15 Mar 2019 23:34

Tgt Ion:240 Resp: 938160
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.8 21.0 31.4



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





#79

Terphenyl-d14

Concen: 129.776 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

Instrument :

BNA_M

ClientSampleId :

RBR200051

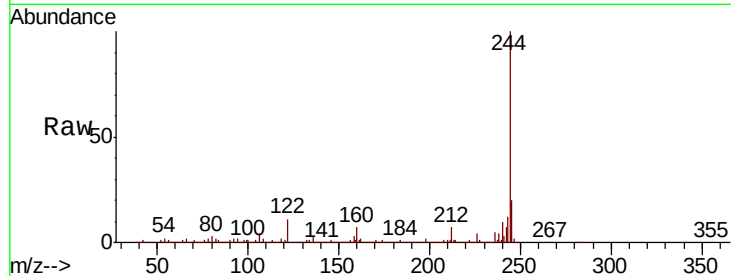
Tgt Ion:244 Resp: 6132873

Ion Ratio Lower Upper

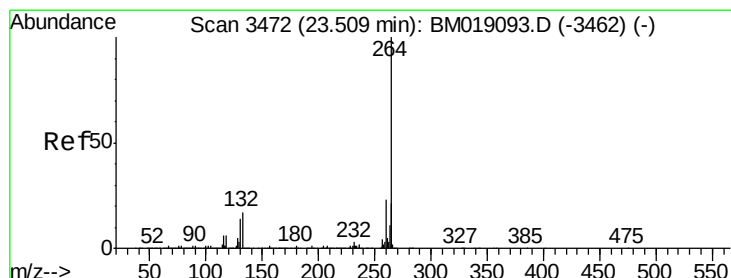
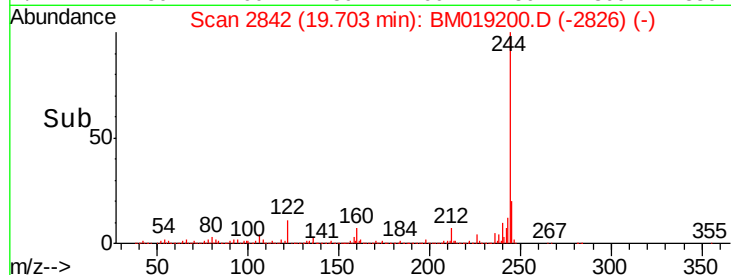
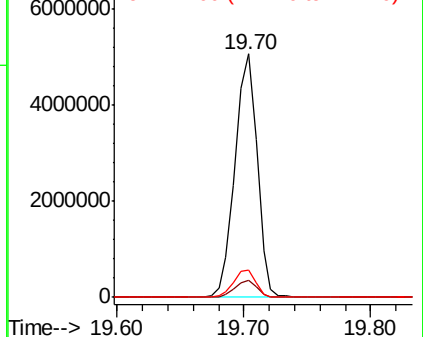
244 100

212 6.9 5.4 8.2

122 11.2 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM019200.D

Acq: 15 Mar 2019 23:34

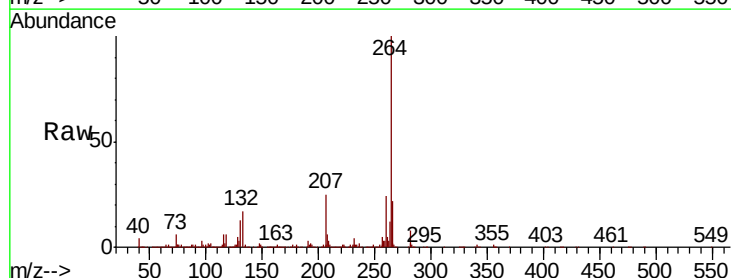
Tgt Ion:264 Resp: 826827

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.2 17.3 25.9



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

