

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020263.D
 Acq On : 11 May 2019 05:42
 Operator : JU/SJ
 Sample : K2779-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Quant Time: May 12 02:46:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

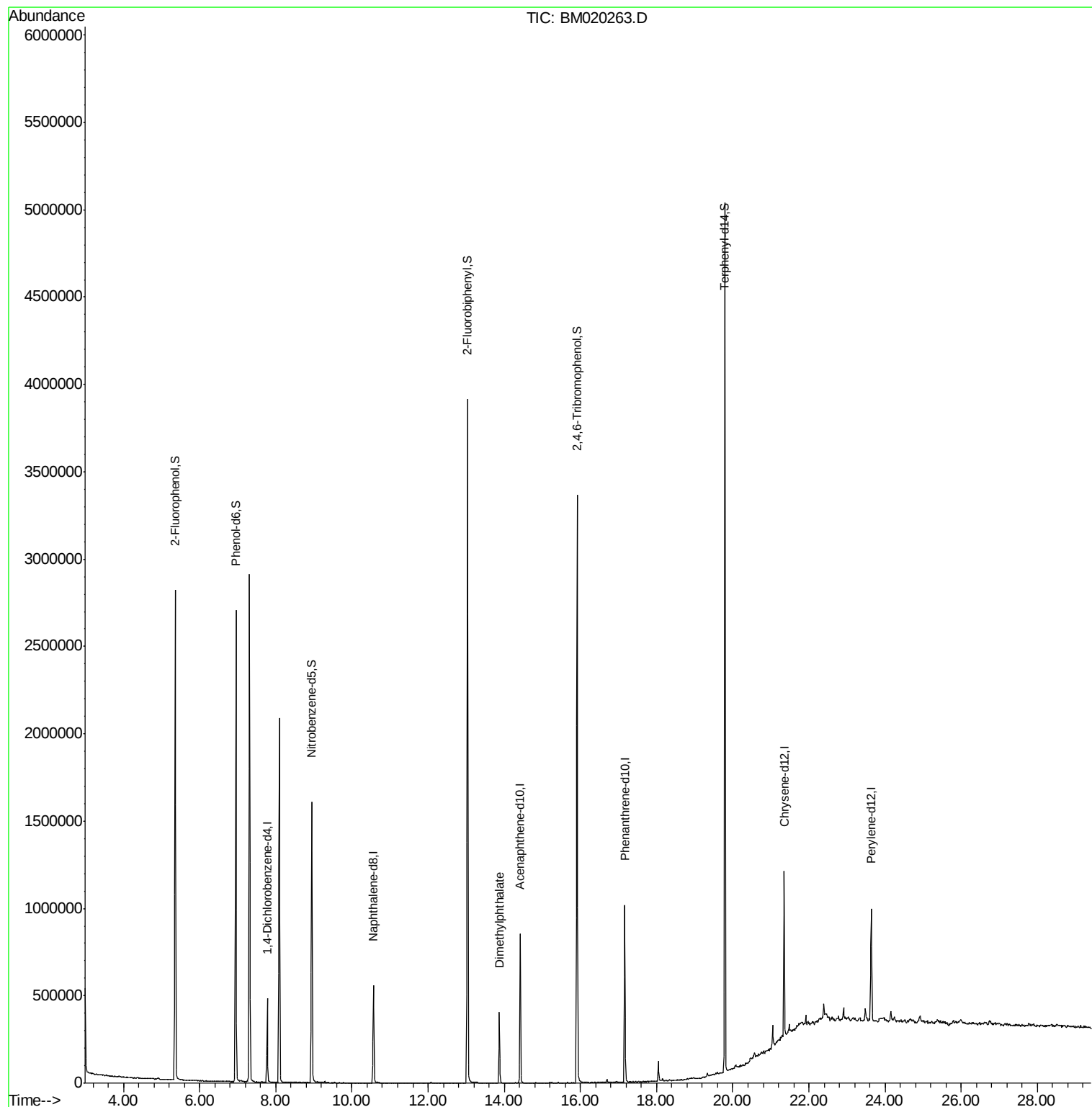
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	125543	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	461751	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	285605	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	600173	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	427968	20.00	ng	-0.02
87) Perylene-d12	23.64	264	492043	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1085062	141.28	ng	-0.01
7) Phenol-d6	6.95	99	1538675	146.65	ng	0.00
23) Nitrobenzene-d5	8.95	82	1052022	89.95	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	651687	147.00	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2050830	88.35	ng	-0.02
79) Terphenyl-d14	19.79	244	2317628	94.46	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	246166	10.141	ng	Qvalue 99

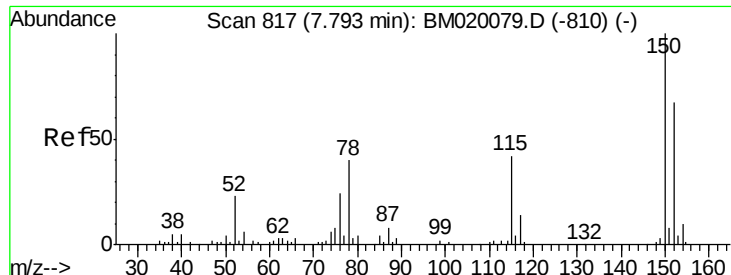
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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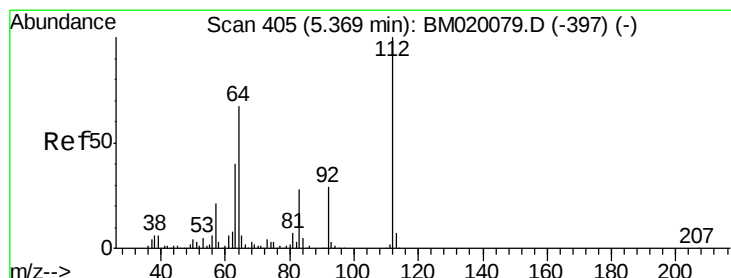
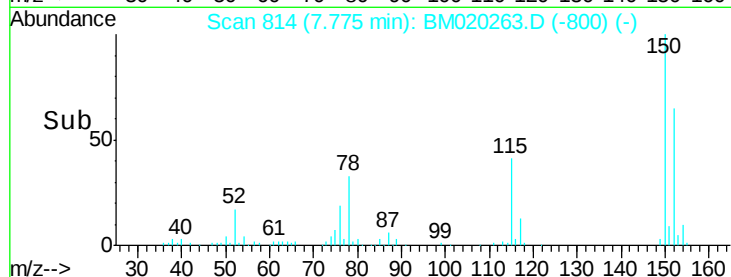
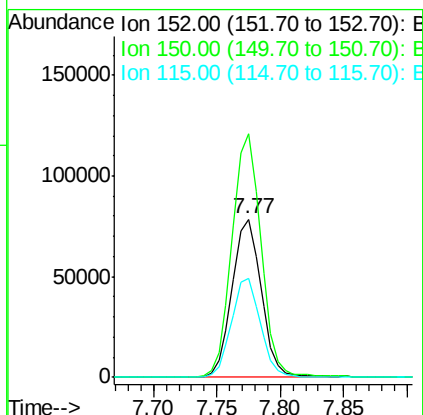
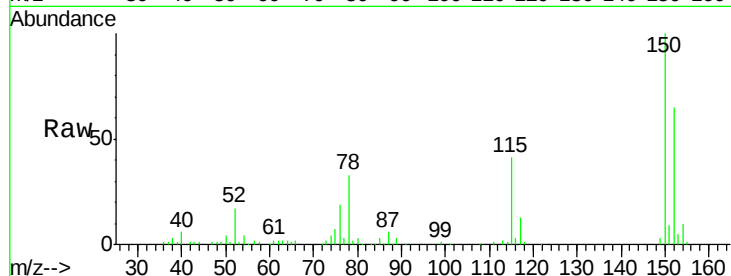


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020263.D
Acq: 11 May 2019 05:42

Instrument :
BNA_M
ClientSampleId :
RBR-200050

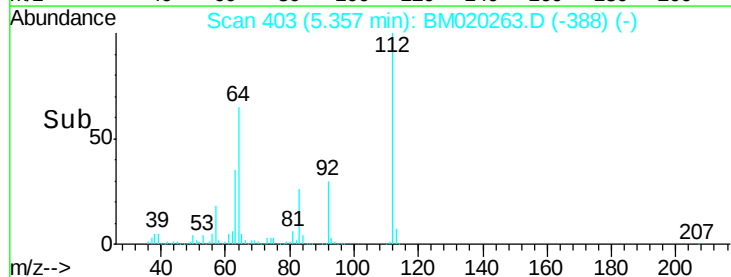
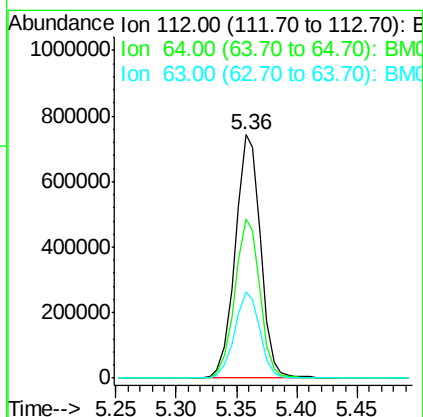
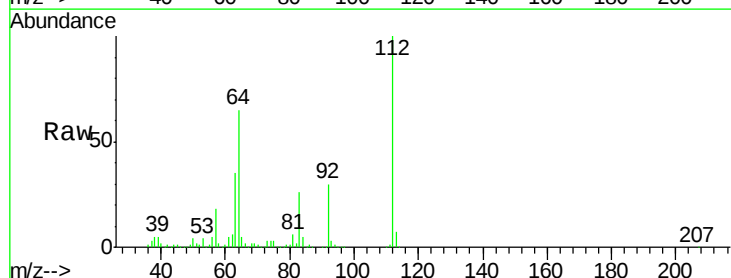
Tgt Ion:152 Resp: 125543
Ion Ratio Lower Upper
152 100
150 154.2 119.8 179.8
115 62.7 50.8 76.2

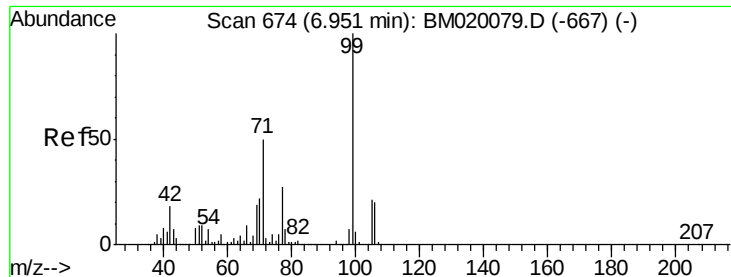


#5

2-Fluorophenol
Concen: 141.277 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020263.D
Acq: 11 May 2019 05:42

Tgt Ion:112 Resp: 1085062
Ion Ratio Lower Upper
112 100
64 65.2 53.8 80.6
63 35.3 32.3 48.5





#7

Phenol-d6

Concen: 146.645 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

Instrument :

BNA_M

ClientSampleId :

RBR-200050

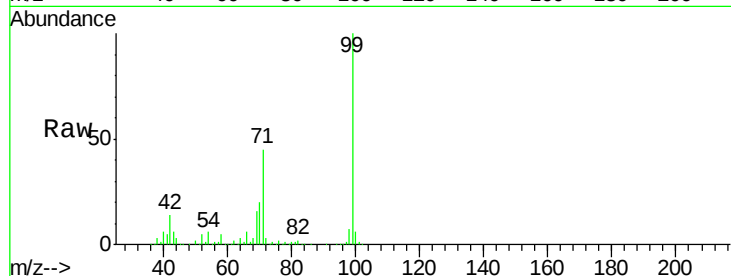
Tgt Ion: 99 Resp: 1538675

Ion Ratio Lower Upper

99 100

42 13.6 14.2 21.2#

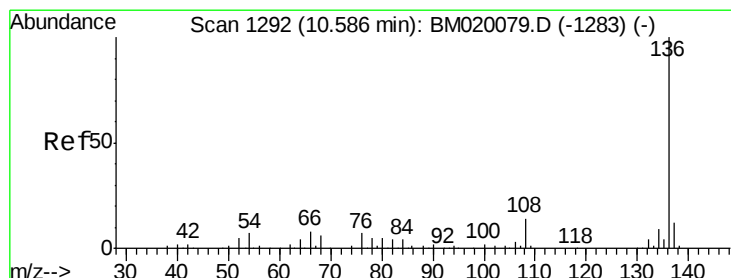
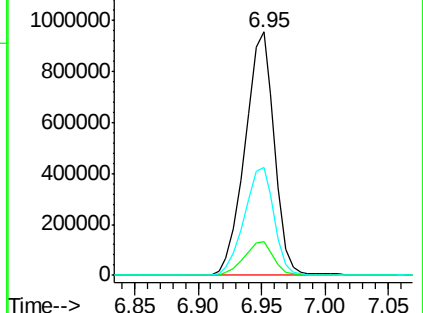
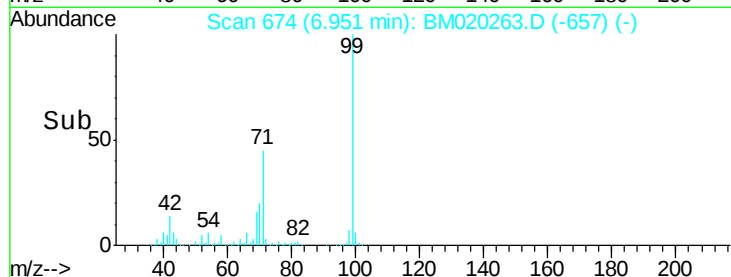
71 44.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020263.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020263.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020263.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

Tgt Ion: 136 Resp: 461751

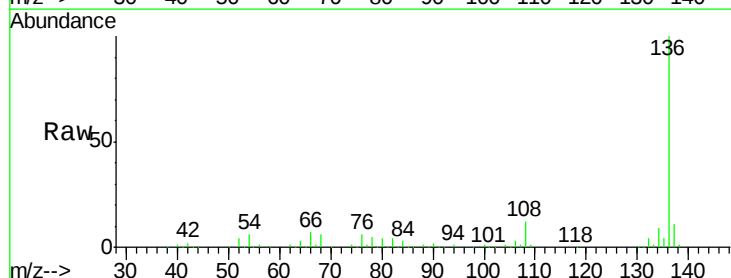
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.0 5.5 8.3

68 6.1 4.6 6.8

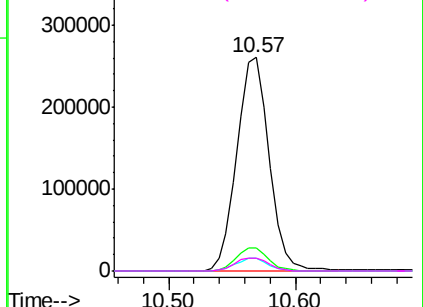
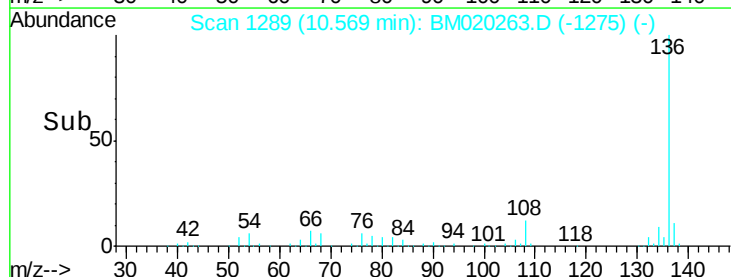


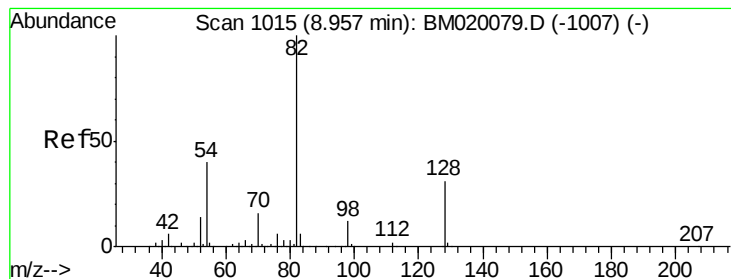
Abundance Ion 136.00 (135.70 to 136.70): BM020263.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020263.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020263.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020263.D (-1275) (-)





#23

Nitrobenzene-d5

Concen: 89.949 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

Instrument :

BNA_M

ClientSampleId :

RBR-200050

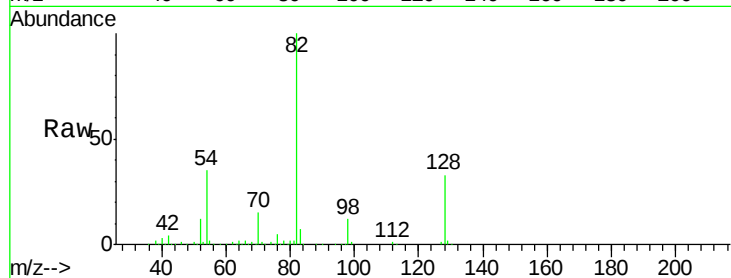
Tgt Ion: 82 Resp: 1052022

Ion Ratio Lower Upper

82 100

128 33.2 25.2 37.8

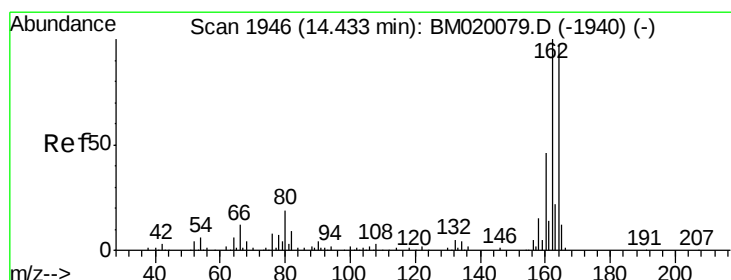
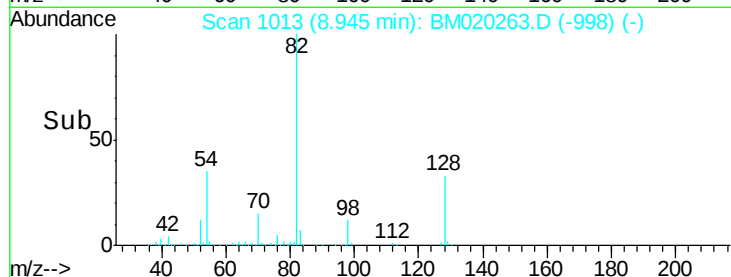
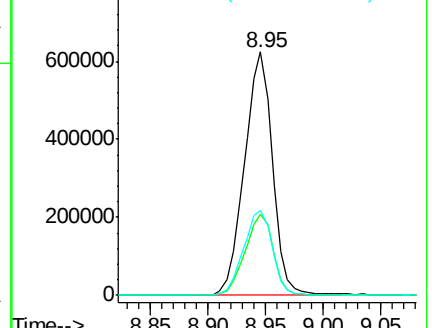
54 34.8 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

Ion 128.00 (127.70 to 128.70): BM020079.D (-1007) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1007) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

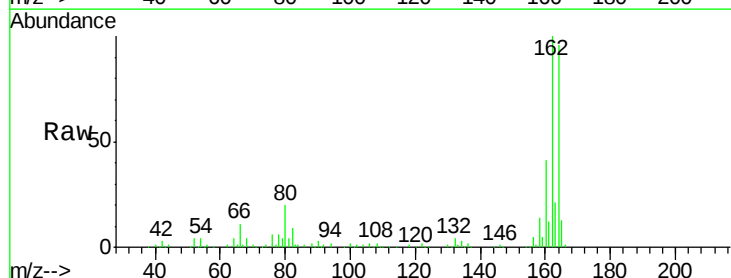
Tgt Ion: 164 Resp: 285605

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.2

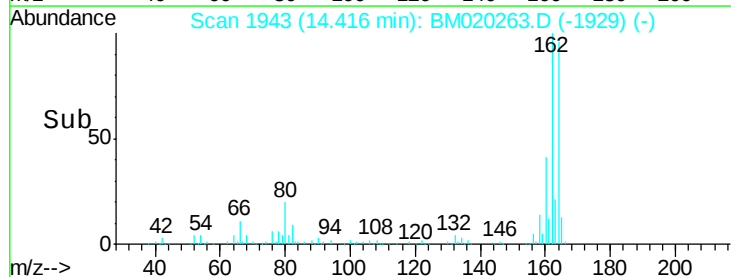
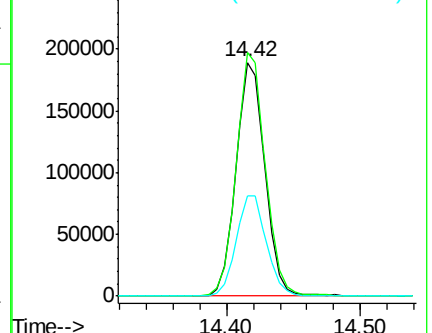
160 42.9 37.6 56.4

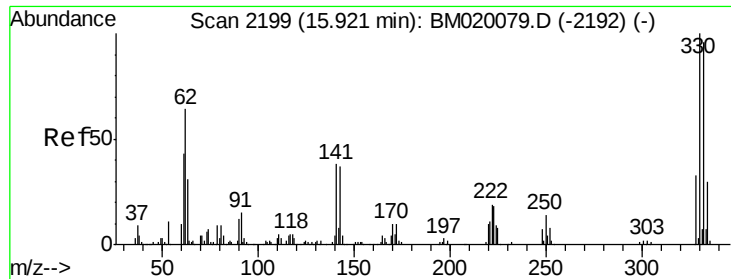


Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

Ion 162.00 (161.70 to 162.70): BM020079.D (-1940) (-)

Ion 160.00 (159.70 to 160.70): BM020079.D (-1940) (-)

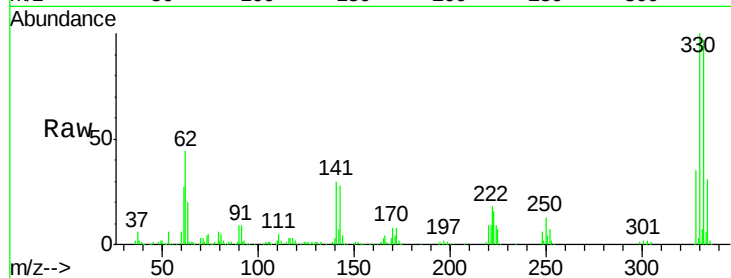




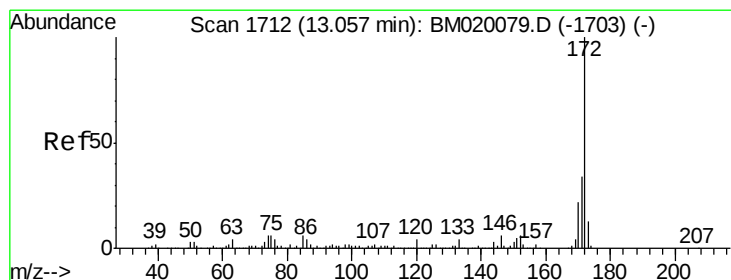
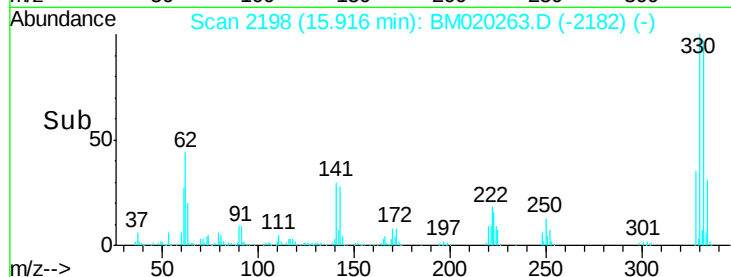
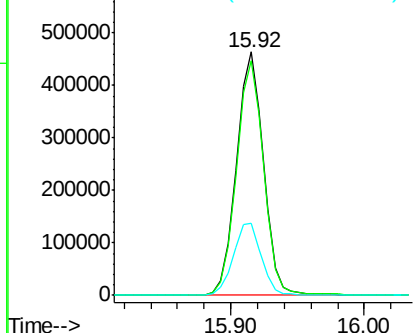
#42
 2,4,6-Tribromophenol
 Concen: 147.004 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020263.D
 Acq: 11 May 2019 05:42

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200050

Tgt Ion:330 Resp: 651687
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 31.0 29.2 43.8

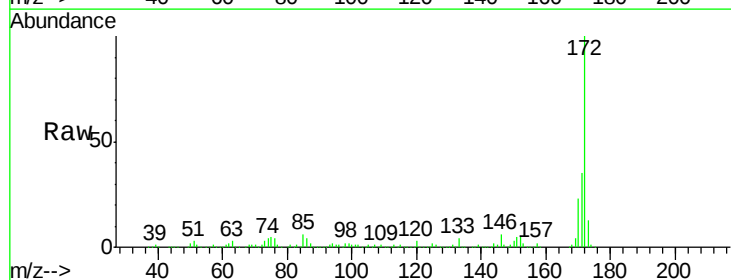


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

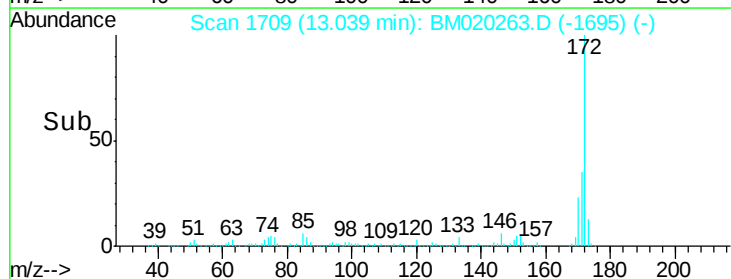
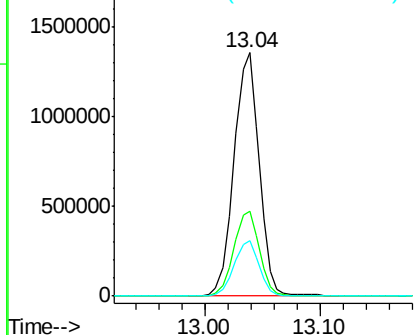


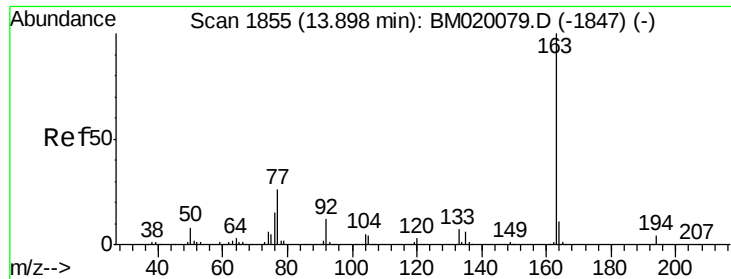
#45
 2-Fluorobiphenyl
 Concen: 88.348 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020263.D
 Acq: 11 May 2019 05:42

Tgt Ion:172 Resp: 2050830
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.3 40.9
 170 22.8 17.9 26.9



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: 10.141 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

Instrument :

BNA_M

ClientSampleId :

RBR-200050

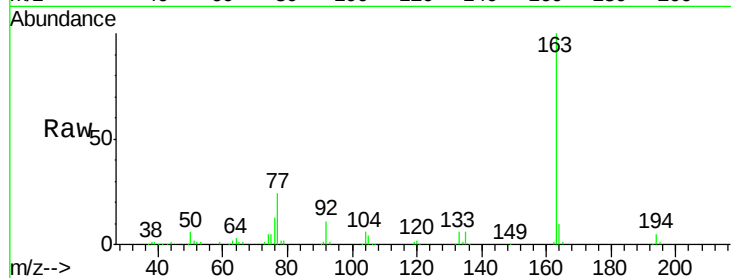
Tgt Ion:163 Resp: 246166

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

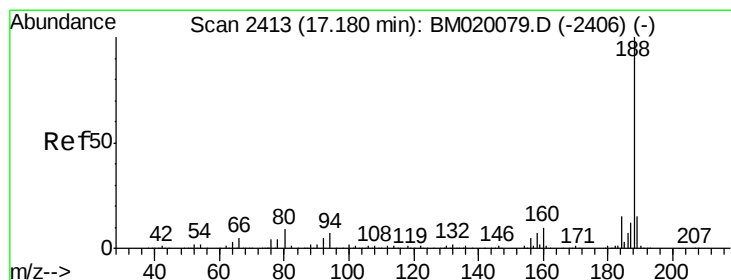
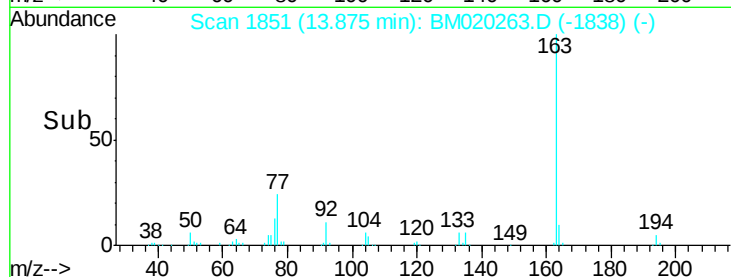
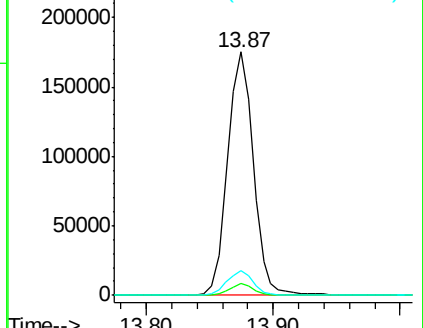
164 10.0 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

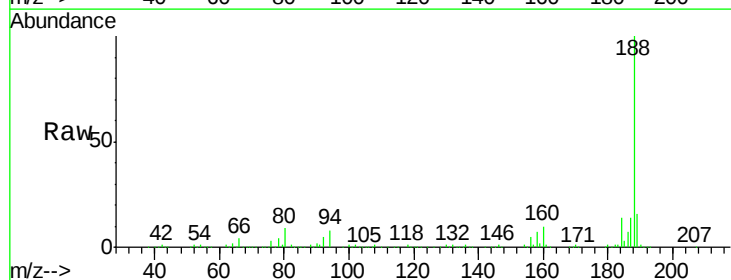
Tgt Ion:188 Resp: 600173

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

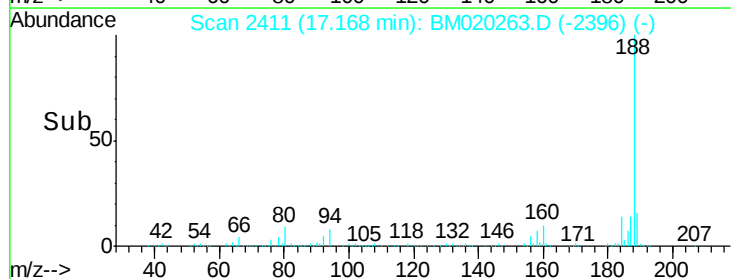
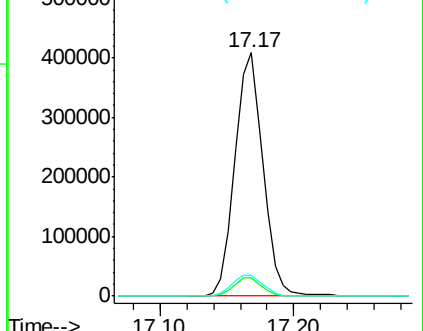
80 8.8 7.4 11.2

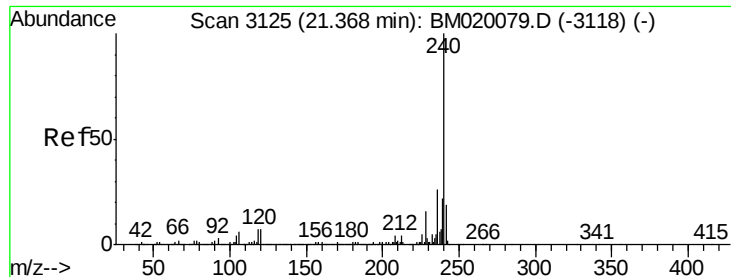


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

Instrument :

BNA_M

ClientSampleId :

RBR-200050

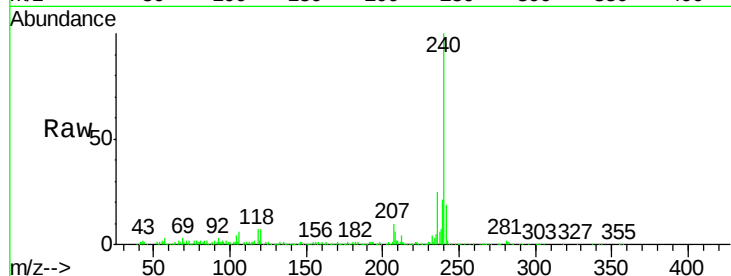
Tgt Ion:240 Resp: 427968

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

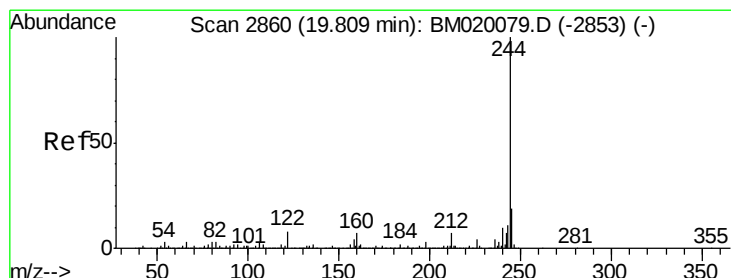
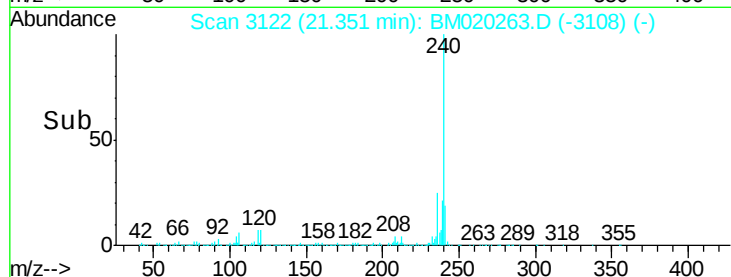
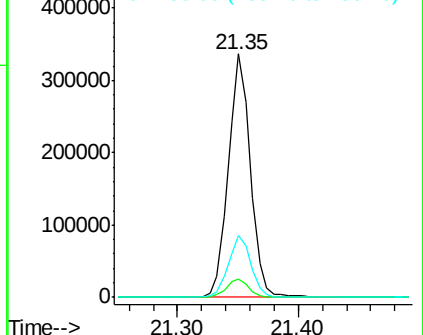
236 25.3 20.9 31.3



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



#79

Terphenyl-d14

Concen: 94.457 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020263.D

Acq: 11 May 2019 05:42

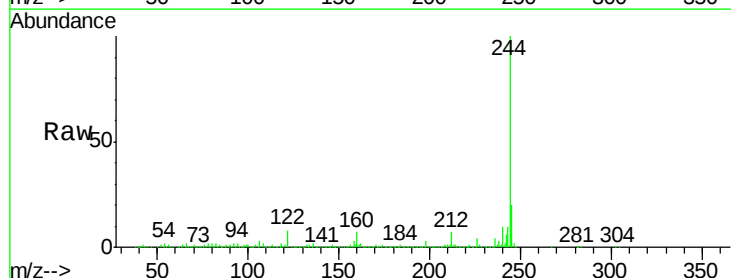
Tgt Ion:244 Resp: 2317628

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

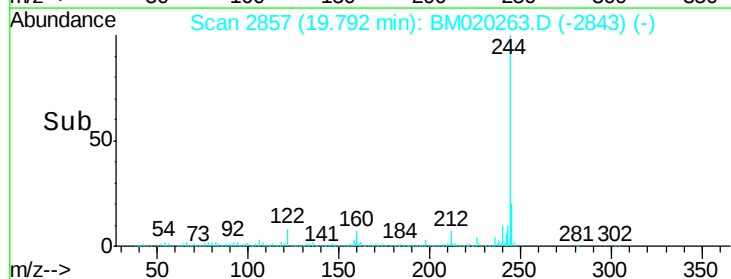
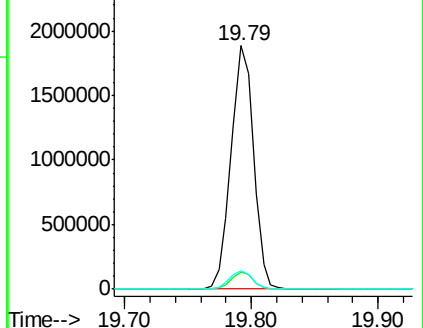
122 7.7 6.2 9.2

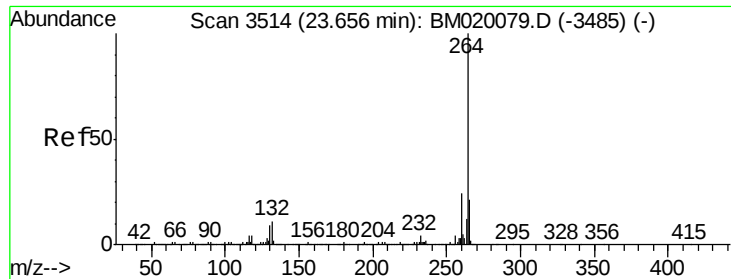


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

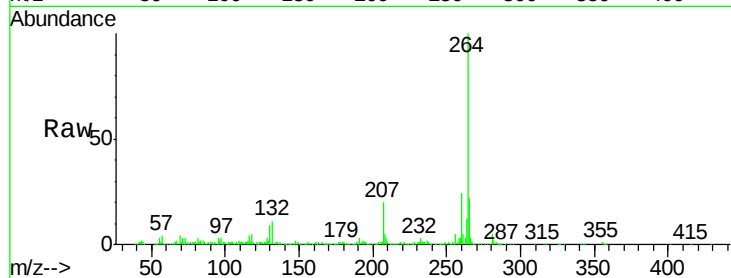




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020263.D
Acq: 11 May 2019 05:42

Instrument :
BNA_M
ClientSampleId :
RBR-200050

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	16.9	25.3



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

