

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020164.D
 Acq On : 07 May 2019 11:15
 Operator : JU/SJ
 Sample : K2672-06 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-03-COMP

Quant Time: May 07 13:11:08 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	7.80	152	195460	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	732886	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	392237	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	856489	20.00	ng	0.01
76) Chrysene-d12	21.37	240	841369	20.00	ng	0.00
87) Perylene-d12	23.67	264	991985	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	83593	6.99	ng	0.01
7) Phenol-d6	6.96	99	115217	7.05	ng	0.01
23) Nitrobenzene-d5	8.96	82	66674	3.59	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	36212	5.95	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	140640	4.41	ng	0.00
79) Terphenyl-d14	19.81	244	189024	3.92	ng	0.00

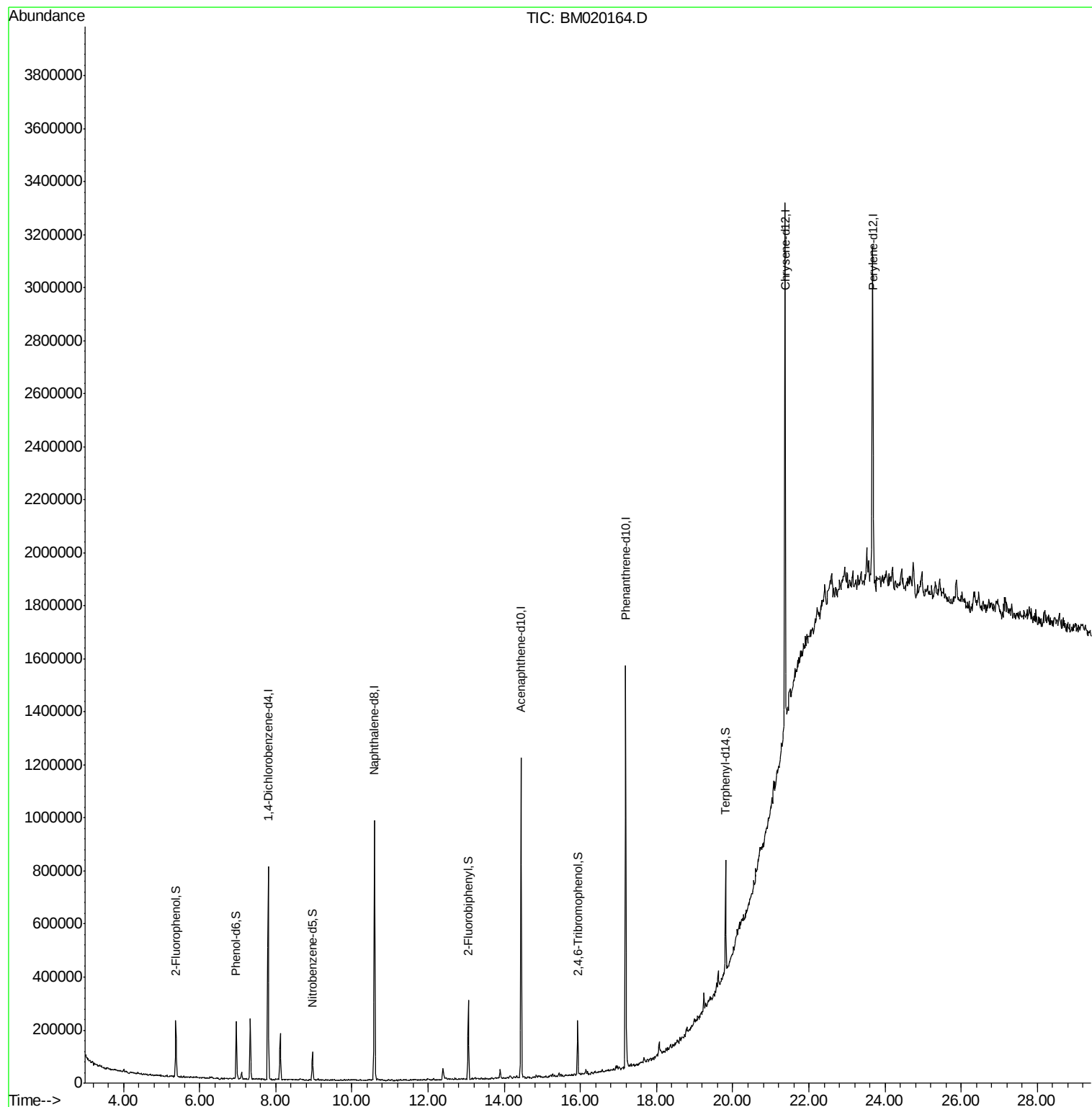
Target Compounds Qvalue

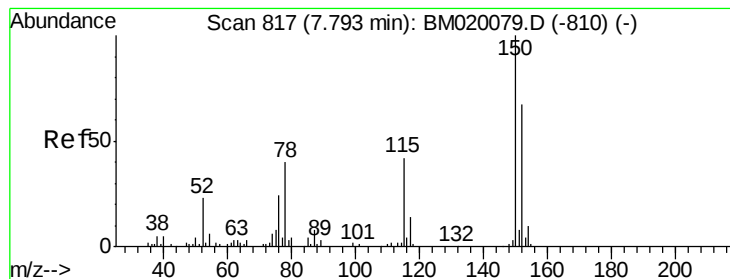
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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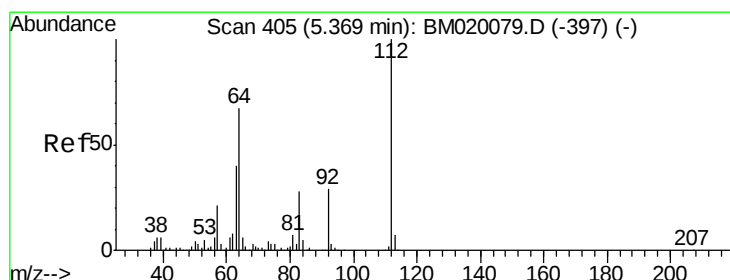
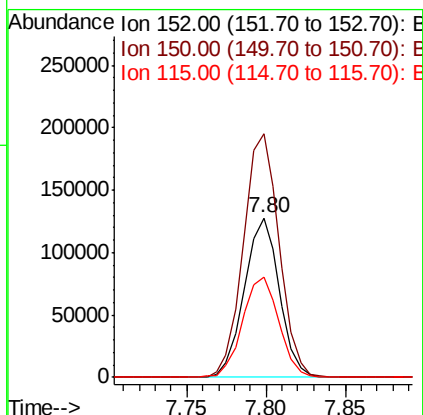
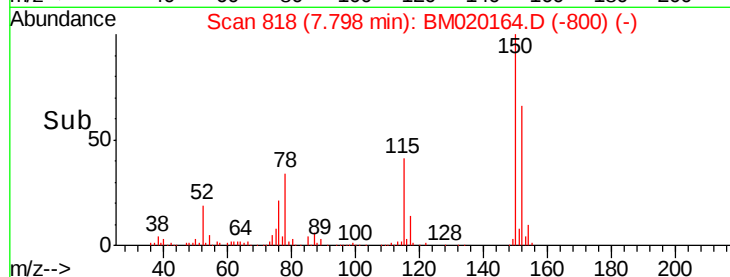
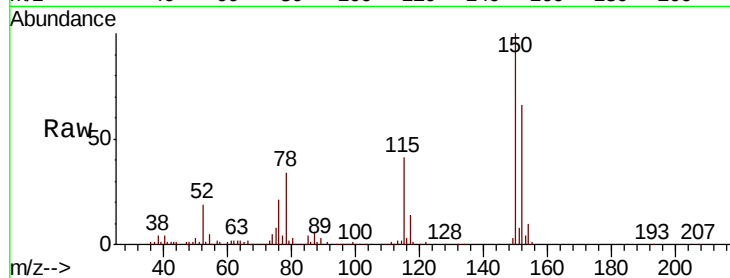


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 818
Delta R.T. 0.01 min
Lab File: BM020164.D
Acq: 07 May 2019 11:15

Instrument :
BNA_M
ClientSampleId :
SB-03-COMP

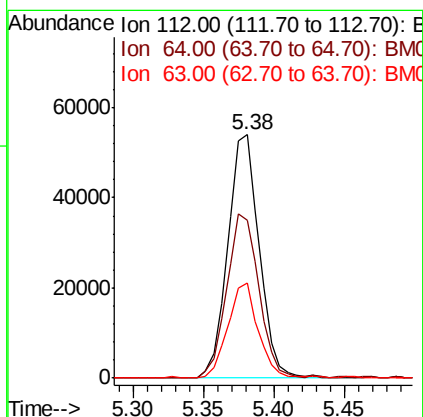
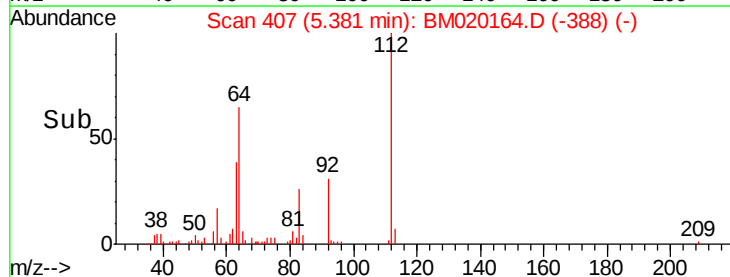
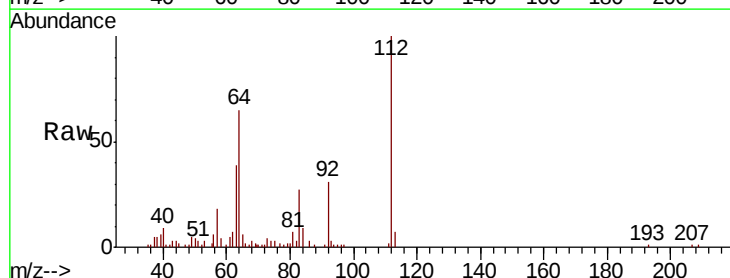
Tot Ion:152 Resp: 195460
Ion Ratio Lower Upper
152 100
150 152.4 119.8 179.8
115 62.4 50.8 76.2

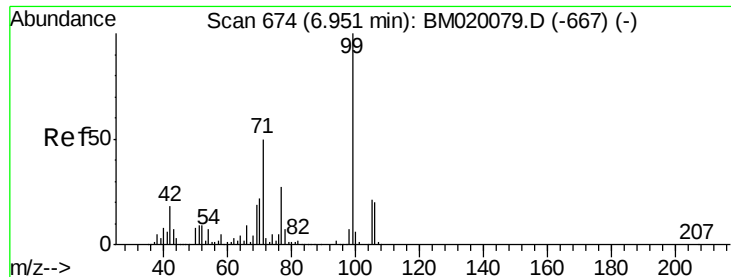


#5

2-Fluorophenol
Concen: 6.991 ng
RT: 5.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: BM020164.D
Acq: 07 May 2019 11:15

Tgt Ion:112 Resp: 83593
Ion Ratio Lower Upper
112 100
64 65.0 53.8 80.6
63 39.2 32.3 48.5





#7

Phenol-d6

Concen: 7.053 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

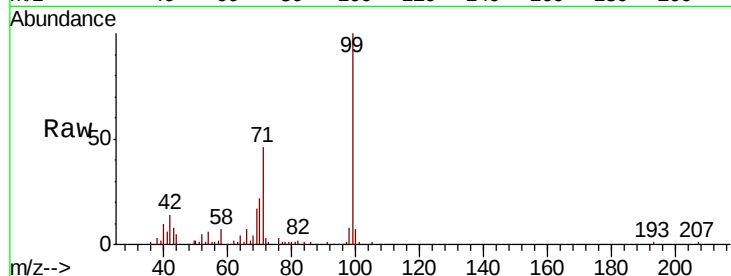
Tot Ion: 99 Resp: 115217

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

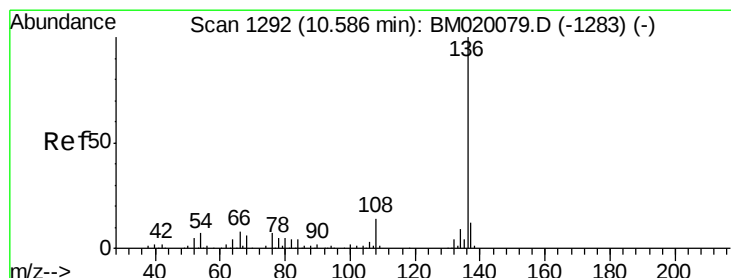
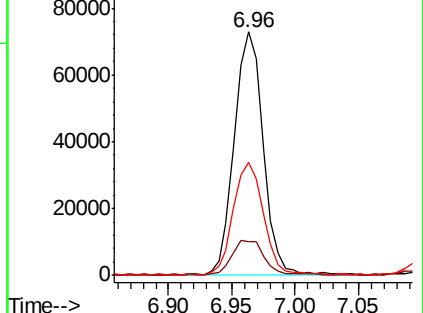
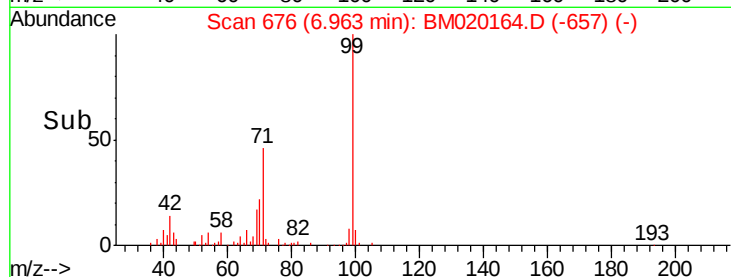
71 46.2 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020164.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020164.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020164.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.59 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Tgt Ion: 136 Resp: 732886

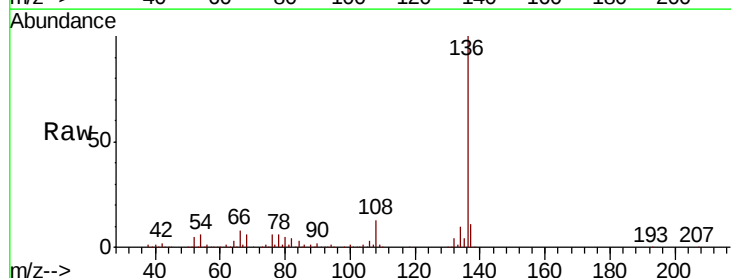
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.4 5.5 8.3

68 6.4 4.6 6.8

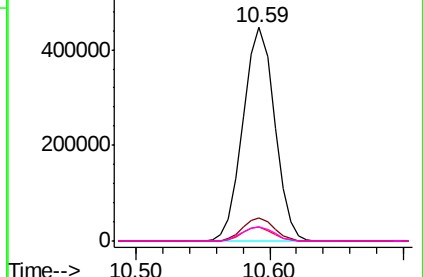
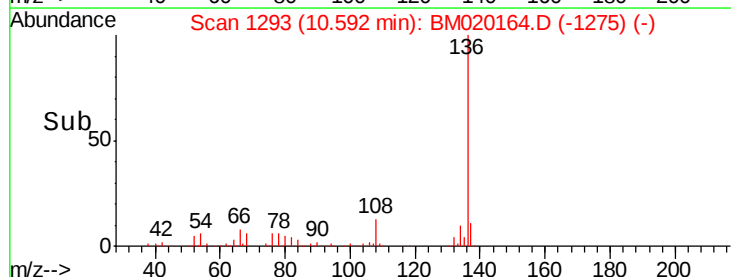


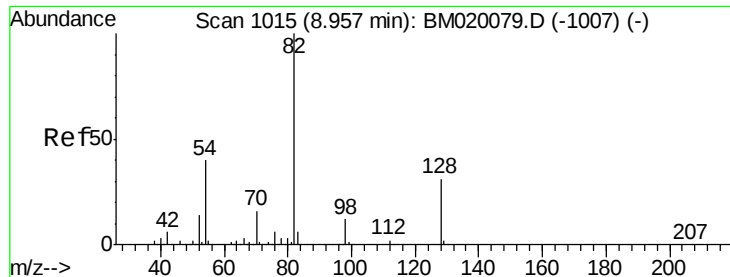
Abundance Ion 136.00 (135.70 to 136.70): BM020164.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020164.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020164.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020164.D (-1275) (-)





#23

Nitrobenzene-d5

Concen: 3.592 ng

RT: 8.96 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

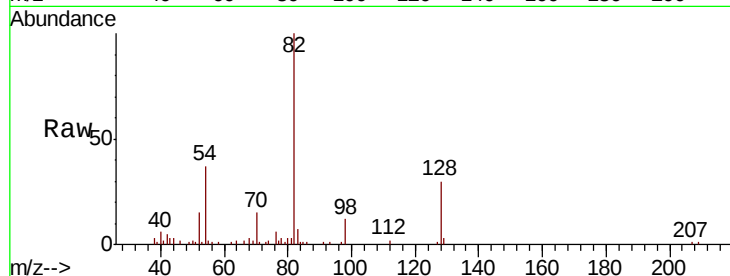
Tot Ion: 82 Resp: 66674

Ion Ratio Lower Upper

82 100

128 30.4 25.2 37.8

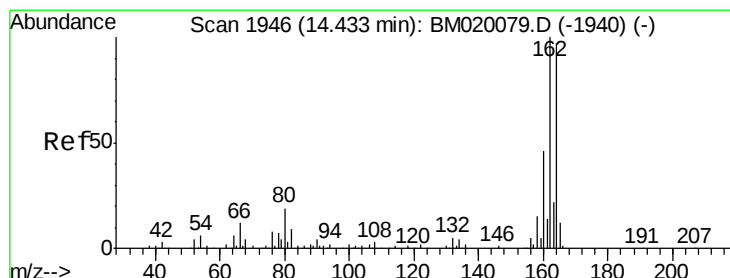
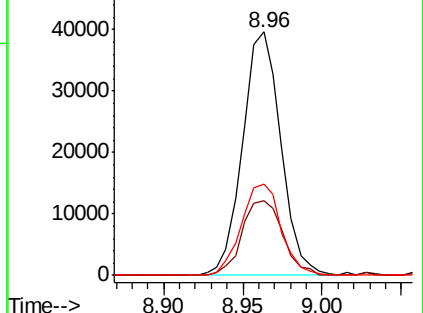
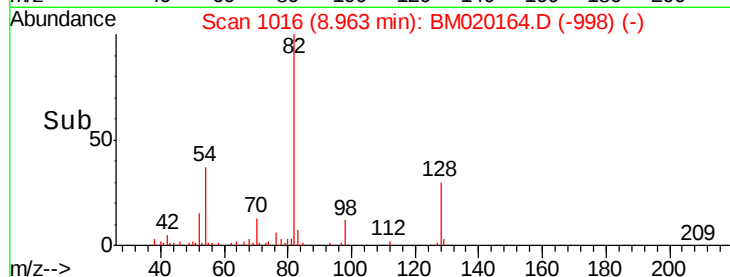
54 37.4 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020164.D (-998) (-)

Ion 128.00 (127.70 to 128.70): BM020164.D (-998) (-)

Ion 54.00 (53.70 to 54.70): BM020164.D (-998) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.44 min Scan# 1947

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

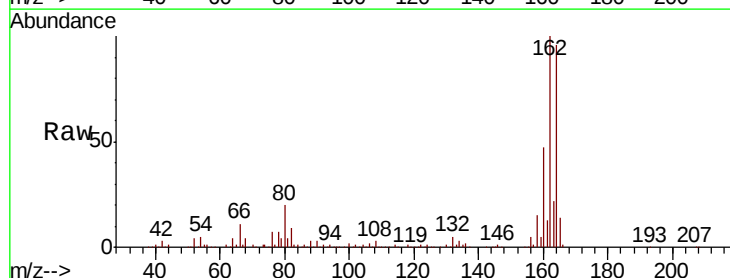
Tgt Ion: 164 Resp: 392237

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.2

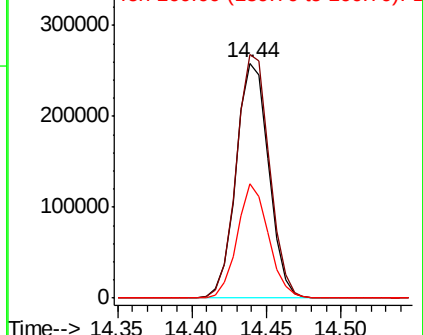
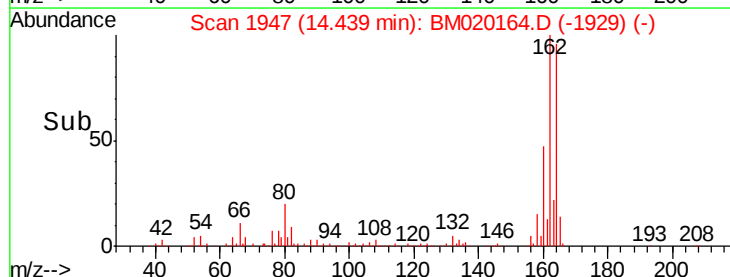
160 48.5 37.6 56.4

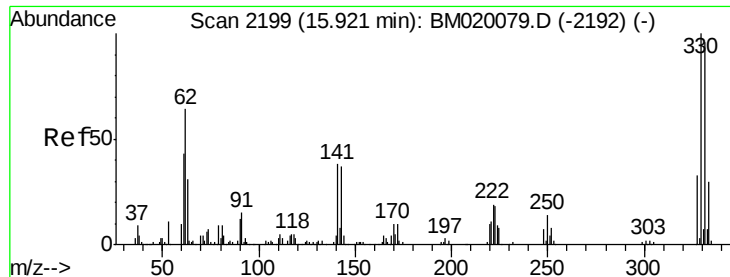


Abundance Ion 164.00 (163.70 to 164.70): BM020164.D (-1929) (-)

Ion 162.00 (161.70 to 162.70): BM020164.D (-1929) (-)

Ion 160.00 (159.70 to 160.70): BM020164.D (-1929) (-)

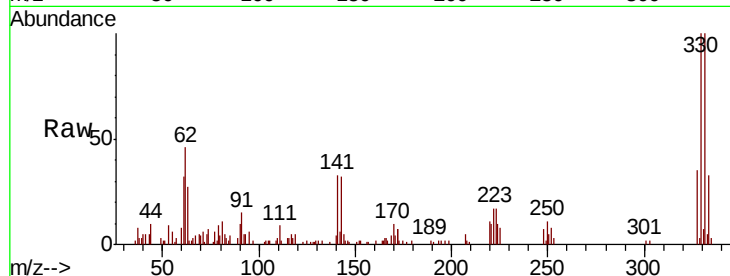




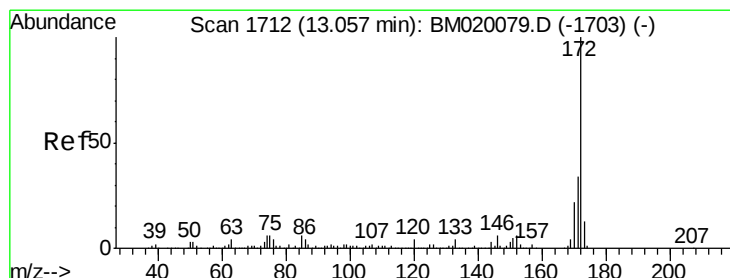
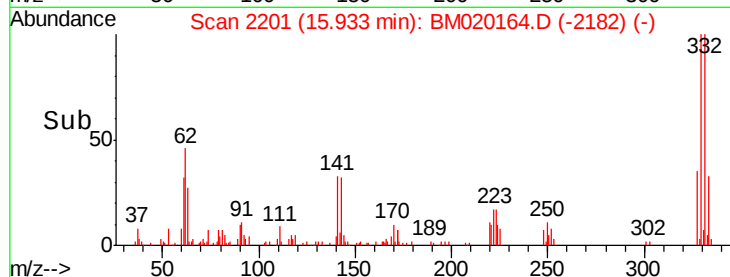
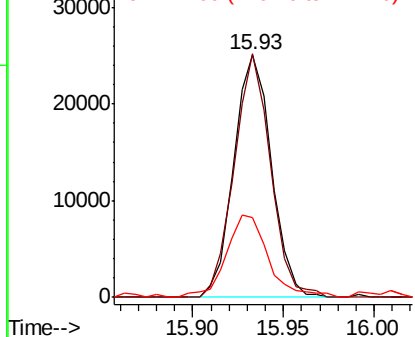
#42
 2,4,6-Tribromophenol
 Concen: 5.948 ng
 RT: 15.93 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

Instrument :
 BNA_M
 ClientSampleId :
 SB-03-COMP

Tot Ion:330 Resp: 36212
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 37.9 29.2 43.8

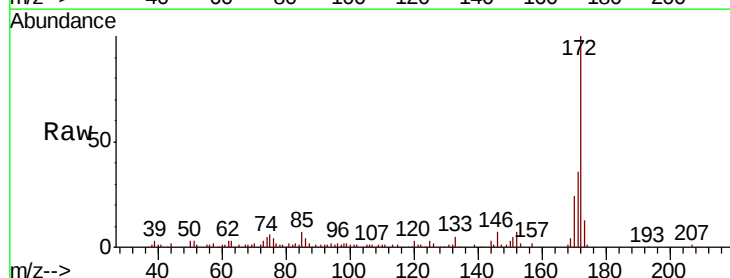


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

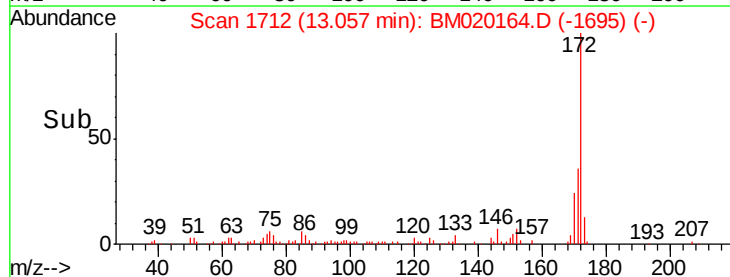
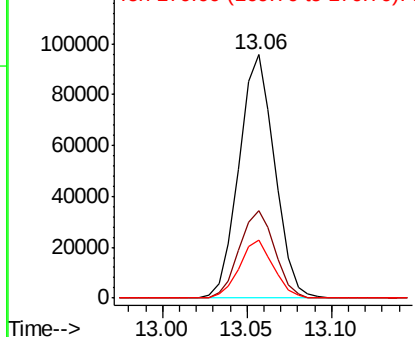


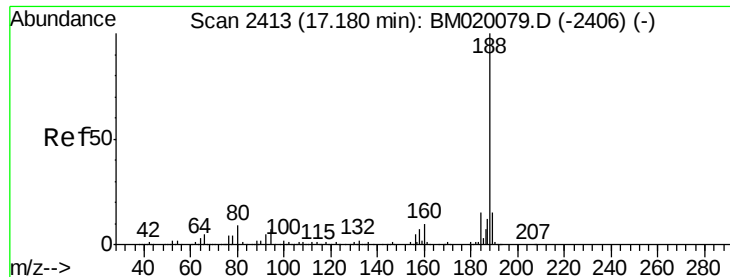
#45
 2-Fluorobiphenyl
 Concen: 4.412 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020164.D
 Acq: 07 May 2019 11:15

Tgt Ion:172 Resp: 140640
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.3 40.9
 170 23.9 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.19 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

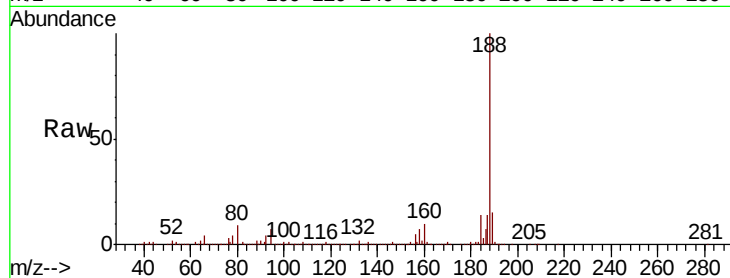
Tot Ion:188 Resp: 856489

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

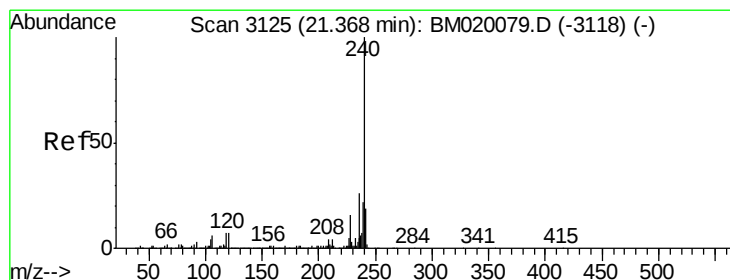
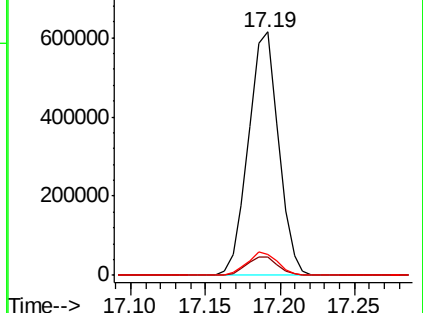
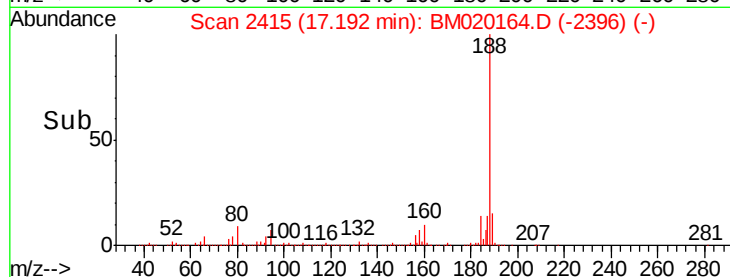
80 8.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

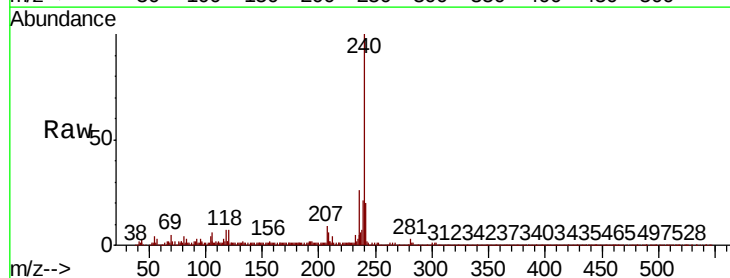
Tgt Ion:240 Resp: 841369

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

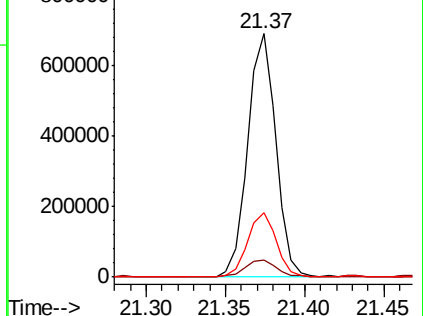
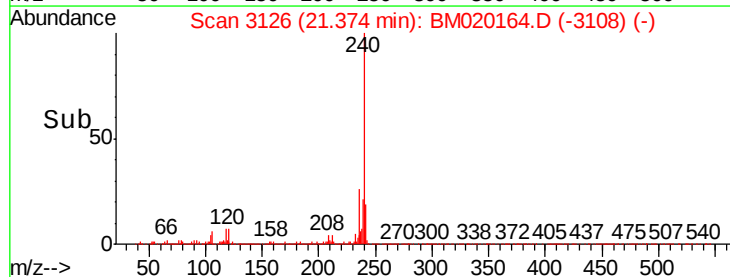
236 26.4 20.9 31.3

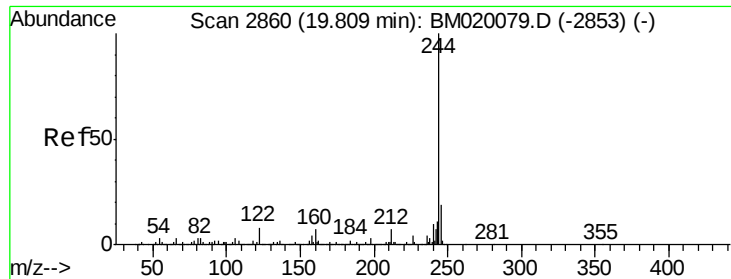


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 3.919 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

Instrument :

BNA_M

ClientSampleId :

SB-03-COMP

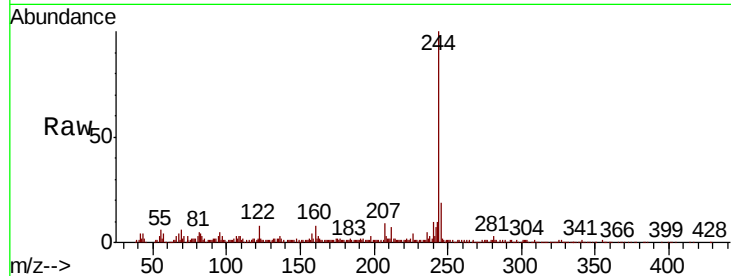
Tot Ion:244 Resp: 189024

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

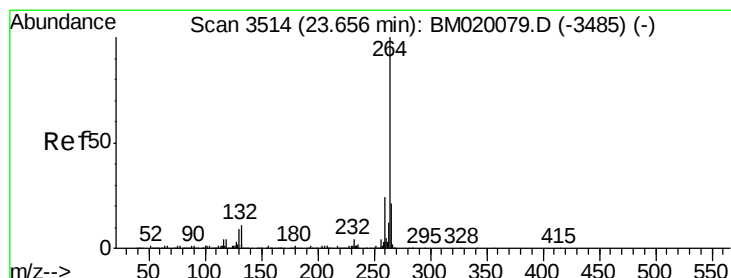
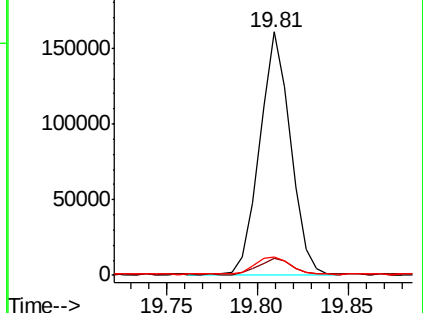
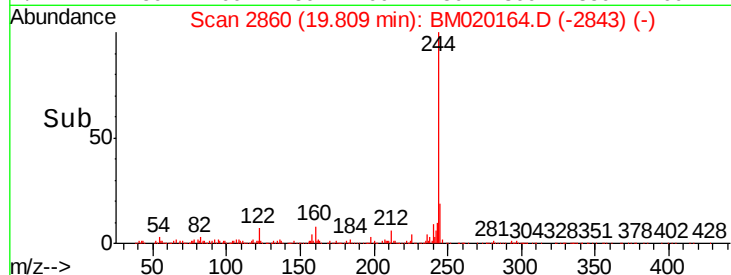
122 7.8 6.2 9.2



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: 23.67 min Scan# 3517

Delta R.T. 0.02 min

Lab File: BM020164.D

Acq: 07 May 2019 11:15

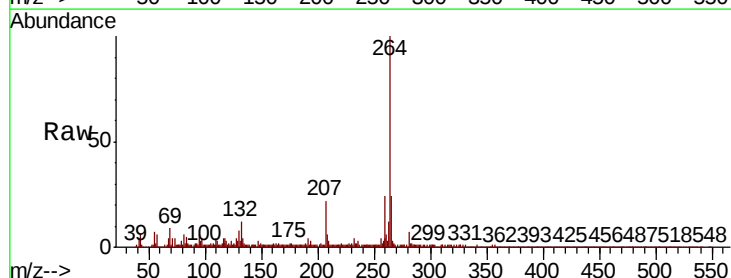
Tgt Ion:264 Resp: 991985

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 23.5 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

