

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017205.D
 Acq On : 18 Oct 2018 22:33
 Operator : MJ/SJ
 Sample : J5549-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-50-2

Quant Time: Oct 19 13:55:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	311212	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1187455	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	666333	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1453603	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1289766	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1223761	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1972874	107.22	ng	0.00
7) Phenol-d6	6.85	99	2310674	92.20	ng	0.00
23) Nitrobenzene-d5	8.82	82	1771216	87.24	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1079547	119.80	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4045468	80.78	ng	0.00
79) Terphenyl-d14	19.70	244	5224107	91.30	ng	0.00

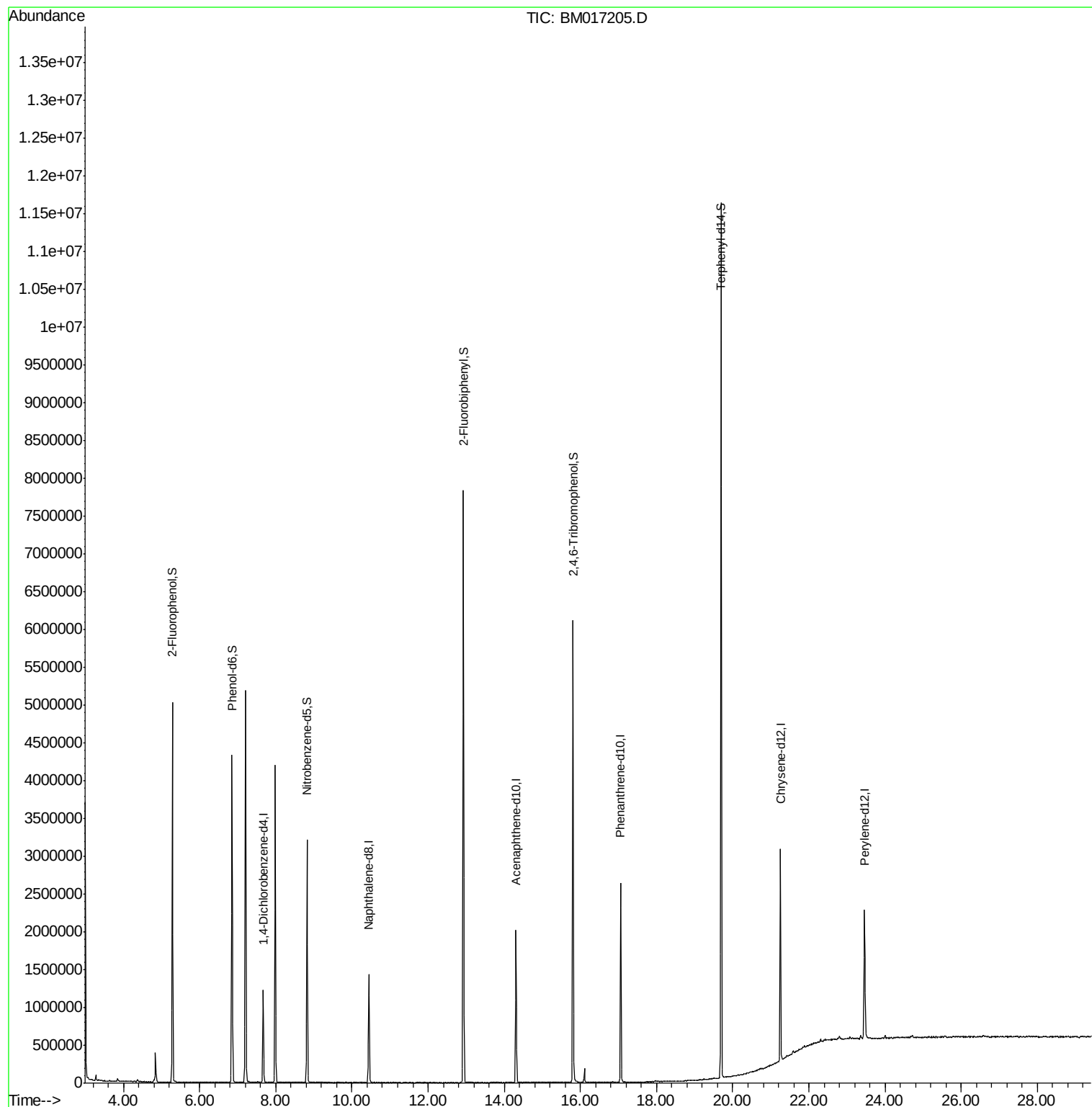
Target Compounds	Qvalue
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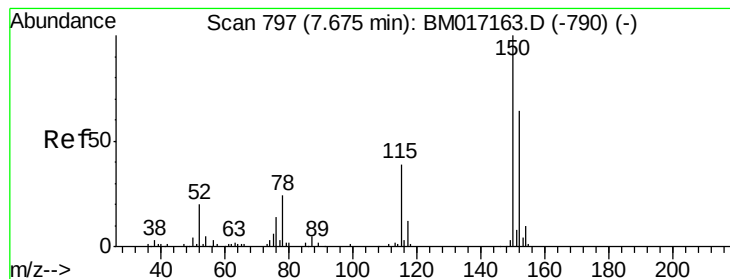
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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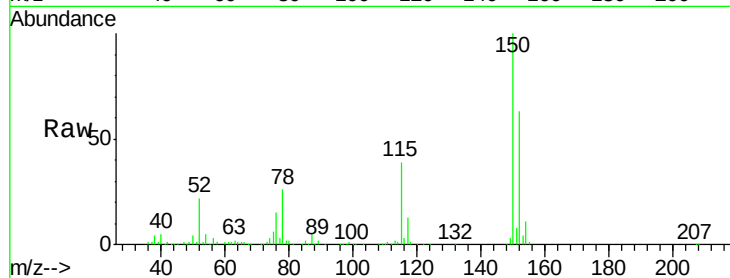


#1

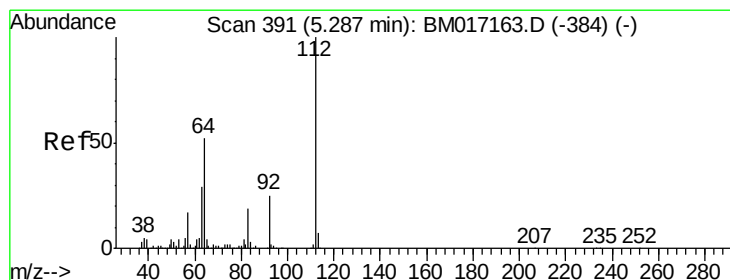
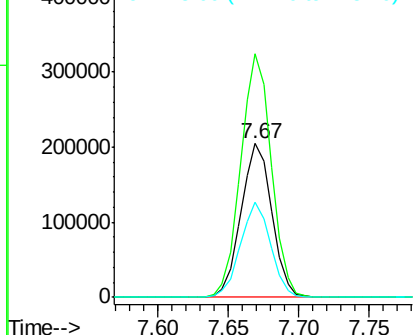
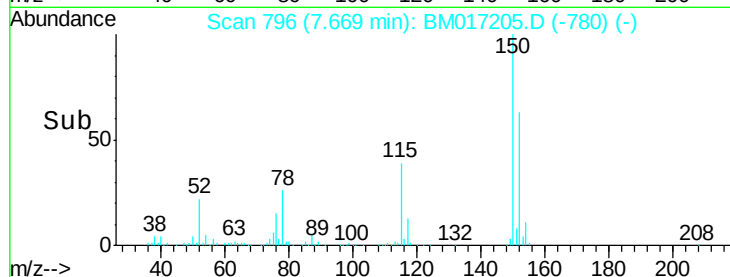
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017205.D
Acq: 18 Oct 2018 22:33

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-50-2

Tgt Ion:152 Resp: 311212
Ion Ratio Lower Upper
152 100
150 158.5 124.3 186.5
115 61.9 48.1 72.1



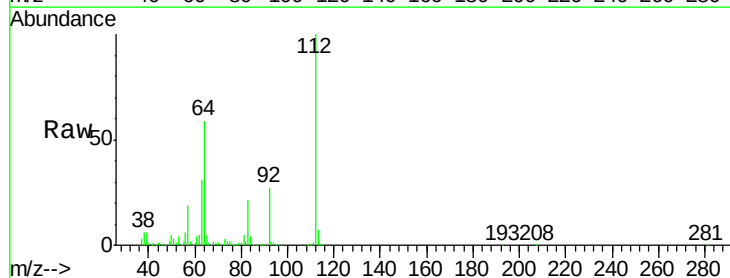
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



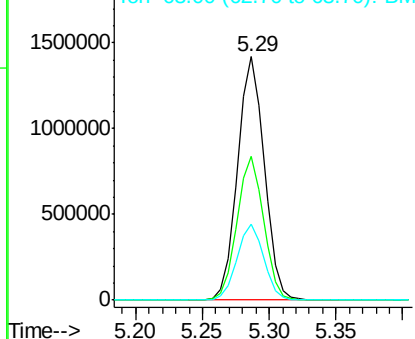
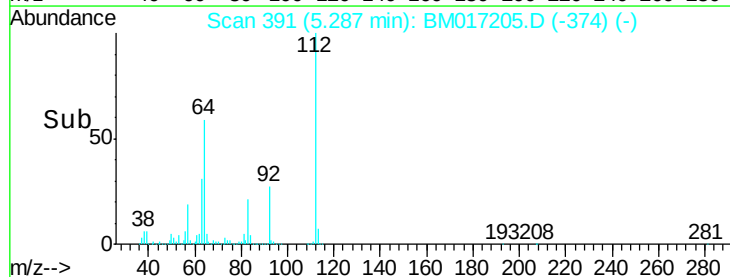
#5

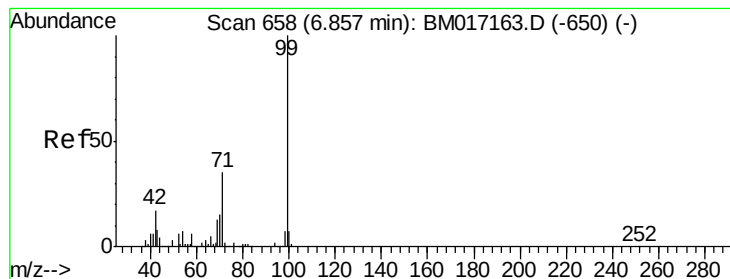
2-Fluorophenol
Concen: 107.219 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017205.D
Acq: 18 Oct 2018 22:33

Tgt Ion:112 Resp: 1972874
Ion Ratio Lower Upper
112 100
64 58.8 41.7 62.5
63 31.3 23.0 34.4



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: 92.205 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-50-2

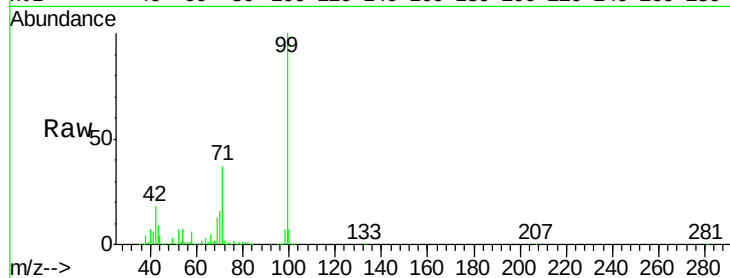
Tgt Ion: 99 Resp: 2310674

Ion Ratio Lower Upper

99 100

42 18.2 13.3 19.9

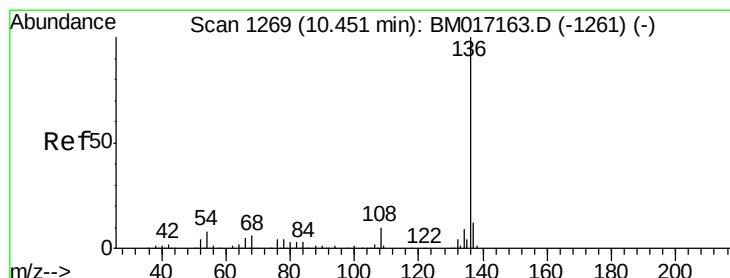
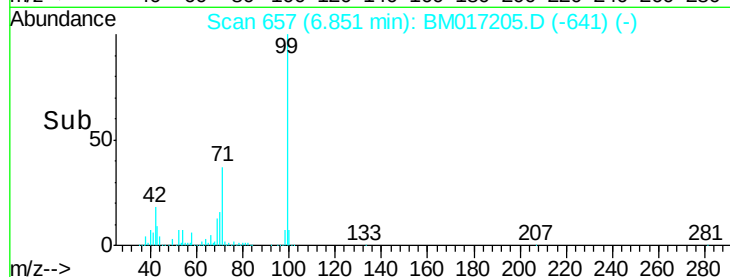
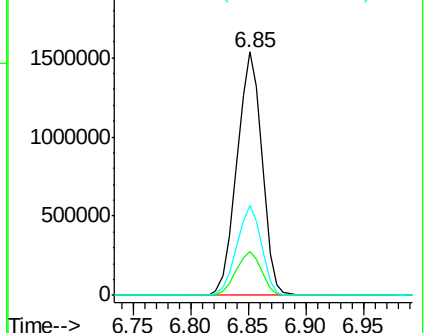
71 36.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

Tgt Ion: 136 Resp: 1187455

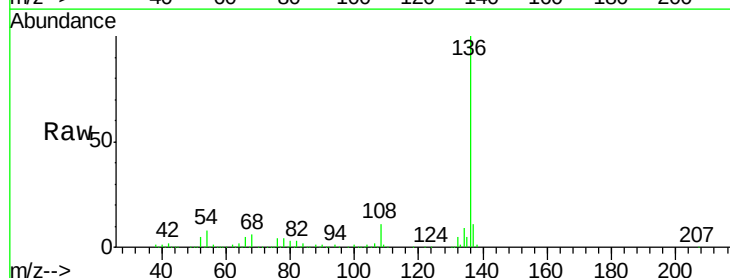
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.6 6.7 10.1

68 5.7 4.7 7.1

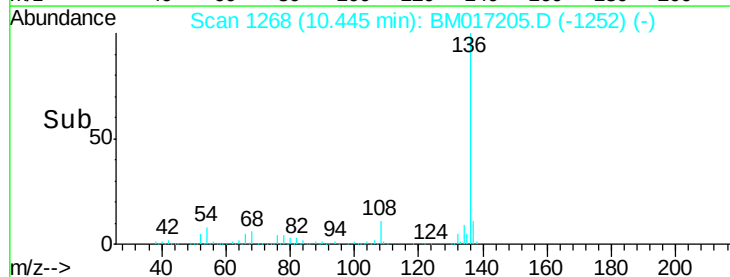
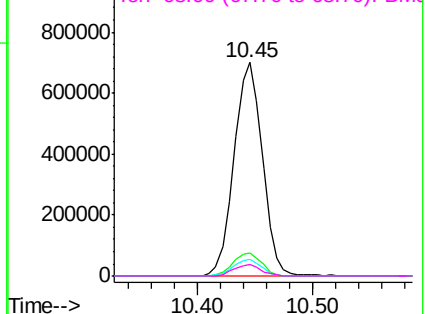


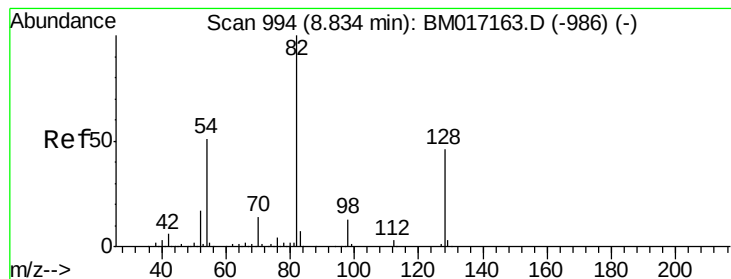
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 87.238 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-50-2

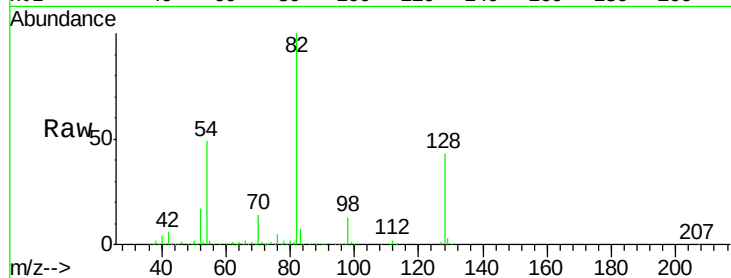
Tgt Ion: 82 Resp: 1771216

Ion Ratio Lower Upper

82 100

128 42.7 37.0 55.6

54 49.3 40.7 61.1

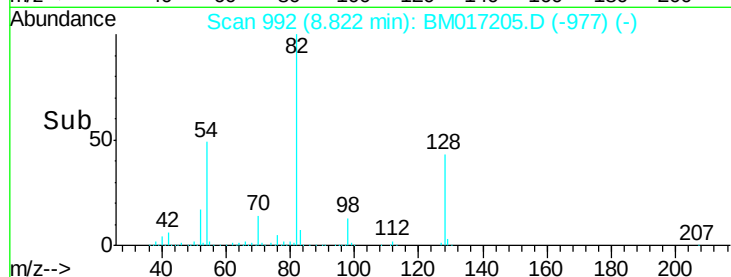


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)

Time-->

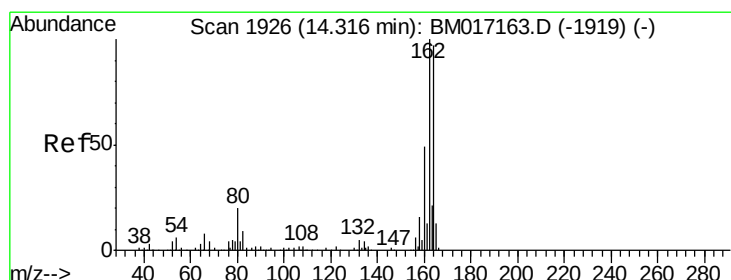


Abundance Ion 82.00 (81.70 to 82.70): BM017205.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM017205.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017205.D (-977) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

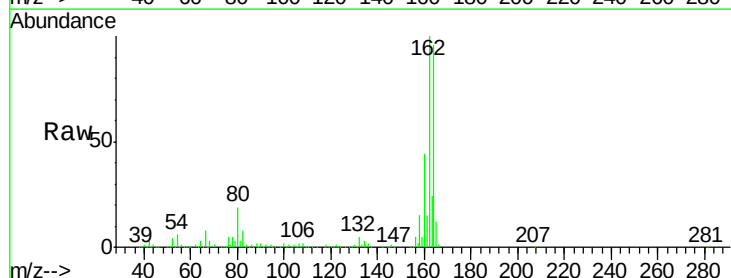
Tgt Ion: 164 Resp: 666333

Ion Ratio Lower Upper

164 100

162 104.0 82.1 123.1

160 46.1 40.2 60.2

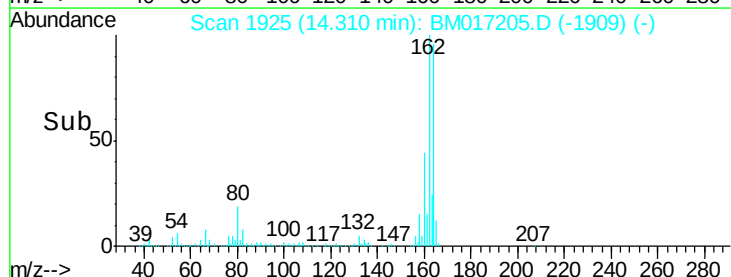


Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)

Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)

Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)

Time-->

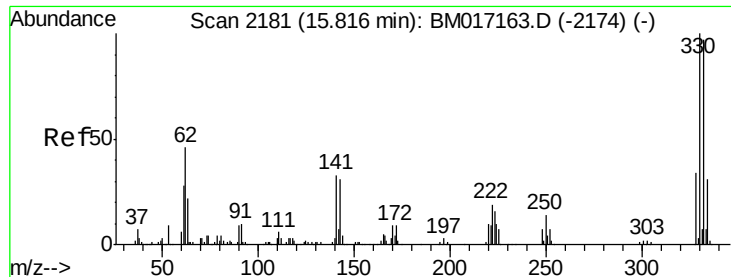


Abundance Ion 164.00 (163.70 to 164.70): BM017205.D (-1909) (-)

Ion 162.00 (161.70 to 162.70): BM017205.D (-1909) (-)

Ion 160.00 (159.70 to 160.70): BM017205.D (-1909) (-)

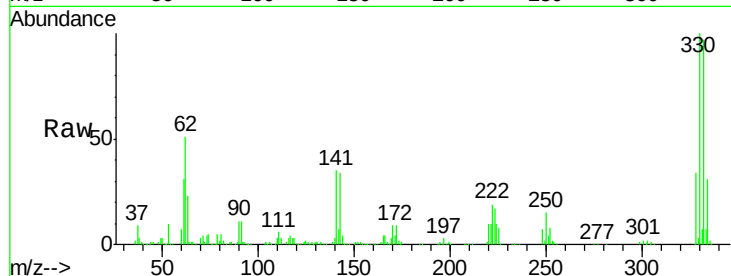
Time-->



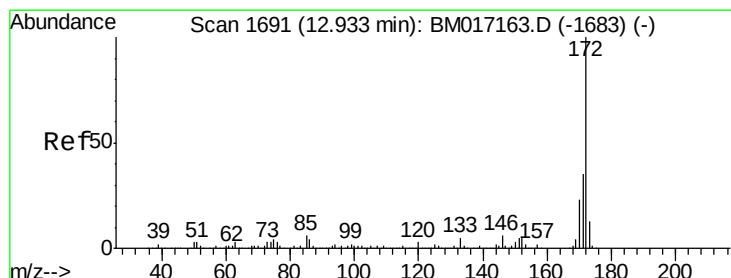
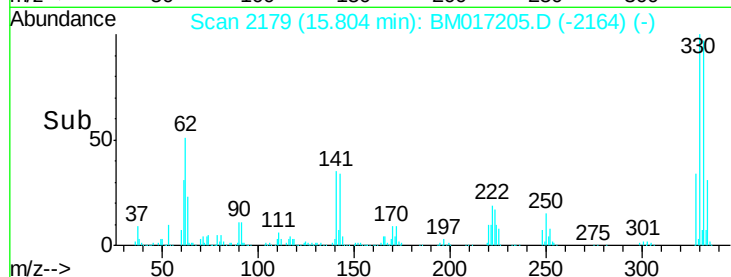
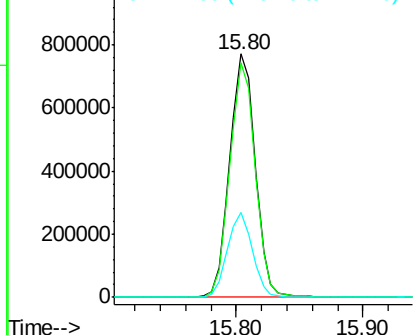
#42
 2,4,6-Tribromophenol
 Concen: 119.801 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017205.D
 Acq: 18 Oct 2018 22:33

Instrument :
 BNA_M
 ClientSampleId :
 CB-1018-S-TCLP-GRID-50-2

Tgt Ion:330 Resp: 1079547
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 34.3 27.4 41.0

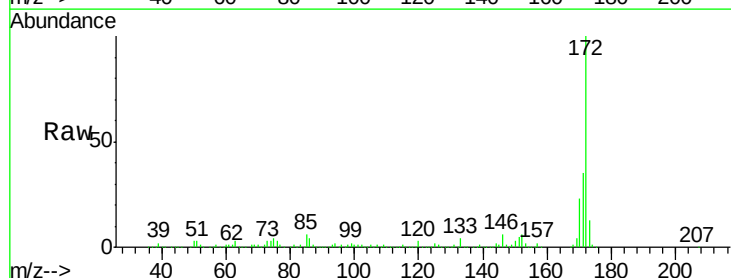


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

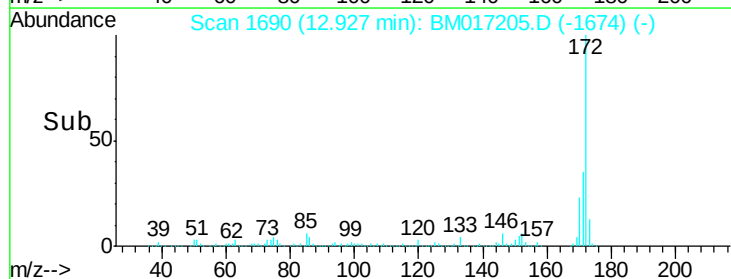
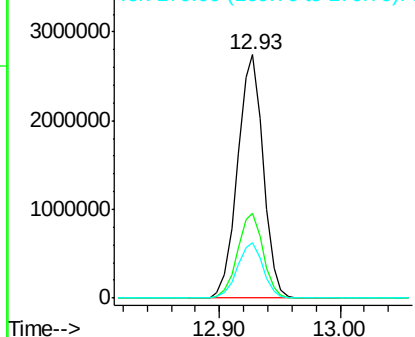


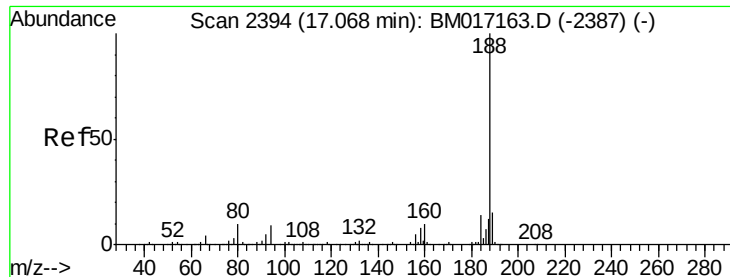
#45
 2-Fluorobiphenyl
 Concen: 80.780 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017205.D
 Acq: 18 Oct 2018 22:33

Tgt Ion:172 Resp: 4045468
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.9 18.3 27.5



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: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-50-2

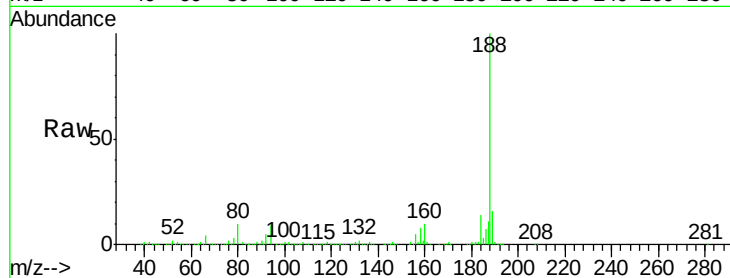
Tgt Ion:188 Resp: 1453603

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

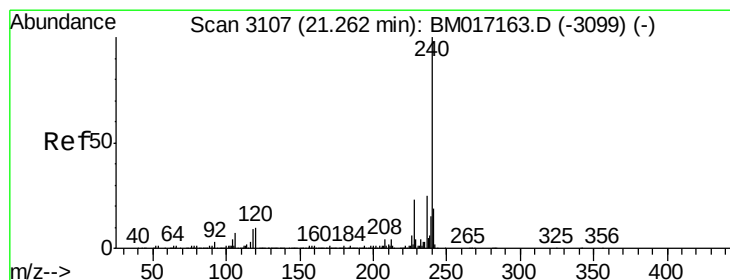
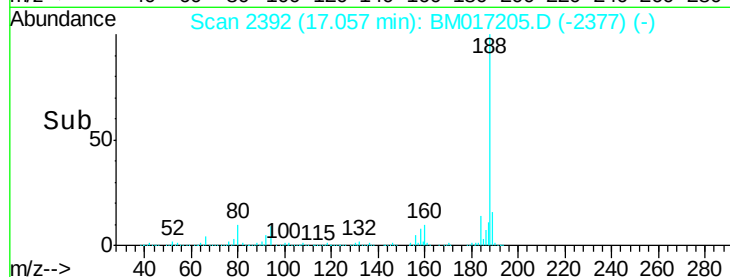
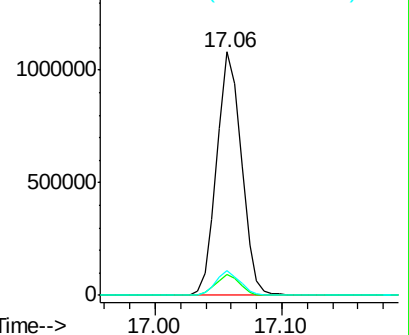
80 10.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

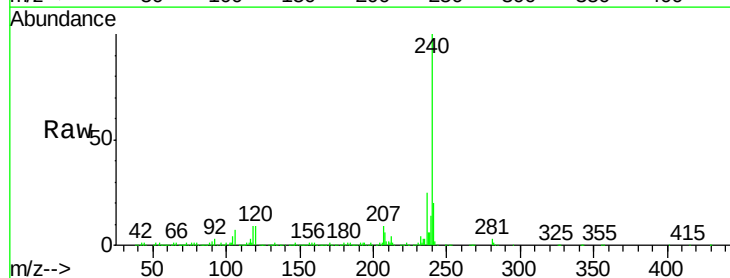
Tgt Ion:240 Resp: 1289766

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

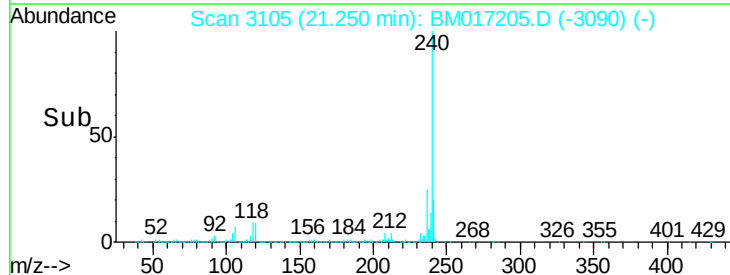
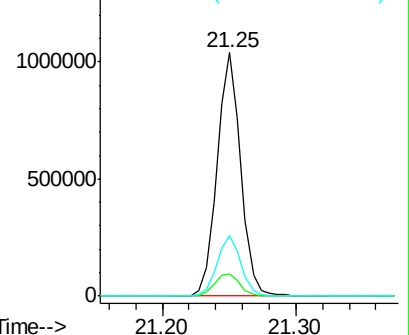
236 25.1 19.9 29.9

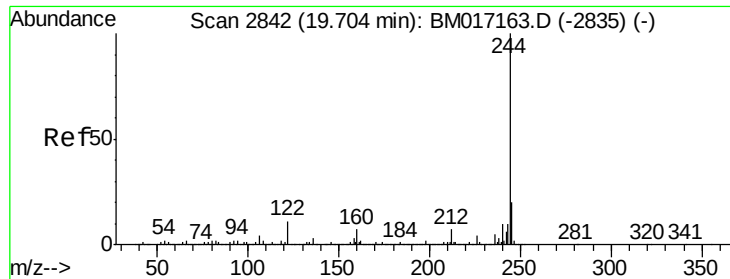


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 91.297 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

Instrument :

BNA_M

ClientSampleId :

CB-1018-S-TCLP-GRID-50-2

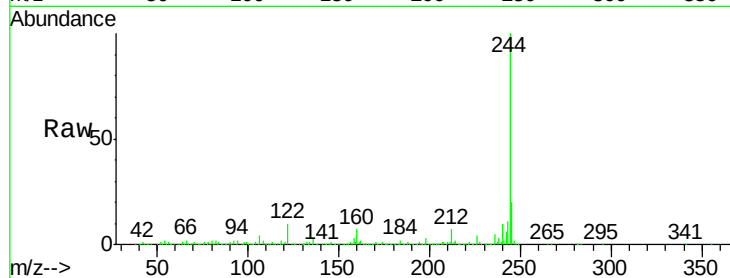
Tgt Ion:244 Resp: 5224107

Ion Ratio Lower Upper

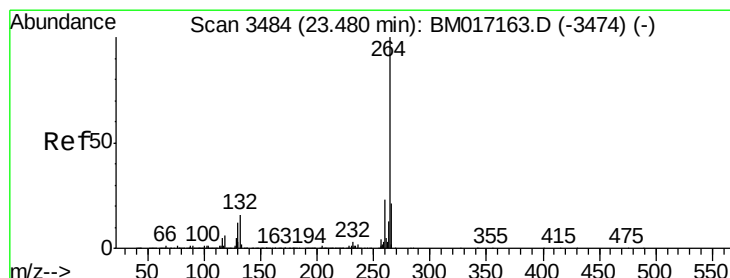
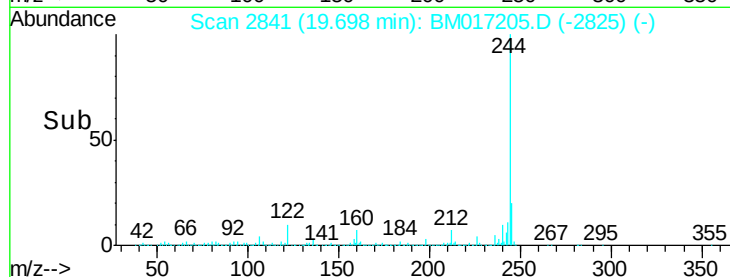
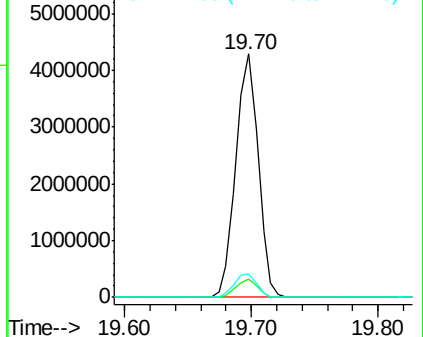
244 100

212 7.3 5.5 8.3

122 9.7 8.4 12.6



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: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017205.D

Acq: 18 Oct 2018 22:33

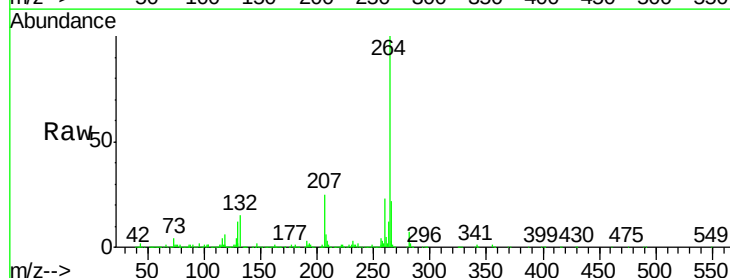
Tgt Ion:264 Resp: 1223761

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.7 17.8 26.8



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

