

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016646.D
 Acq On : 04 Sep 2018 15:05
 Operator : SJ/JU
 Sample : PB112537BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BL

Quant Time: Sep 04 18:21:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	60299	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	187793	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	120316	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	376041	20.00	ng	0.00
75) Chrysene-d12	21.53	240	505803	20.00	ng	0.00
86) Perylene-d12	23.80	264	640761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	363911	118.26	ng	0.00
7) Phenol-d6	7.17	99	433119	106.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	384753	93.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	369461	109.85	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1049326	83.83	ng	-0.01
78) Terphenyl-d14	19.97	244	2441288	102.16	ng	-0.01

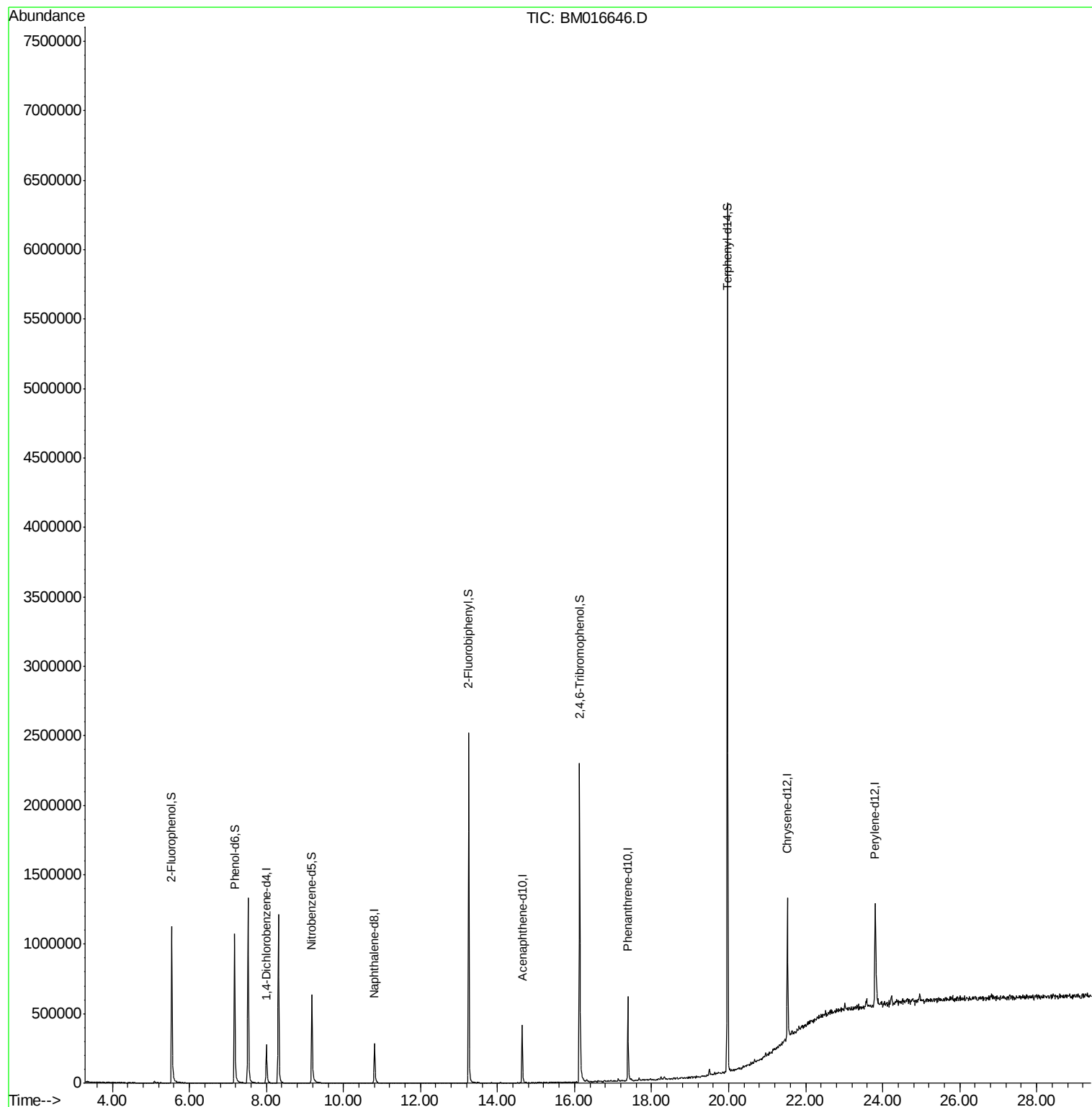
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Instrument :

BNA_M

ClientSampleId :

PB112537BL

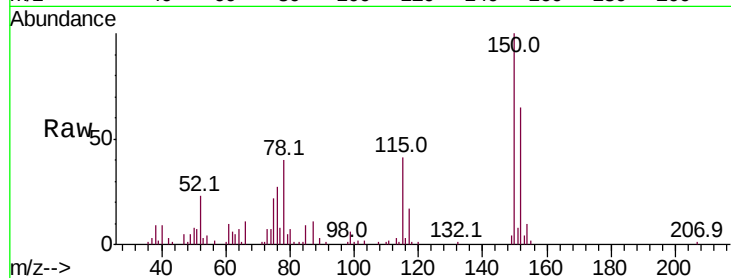
Tot Ion:152 Resp: 60299

Ion Ratio Lower Upper

152 100

150 154.4 119.5 179.3

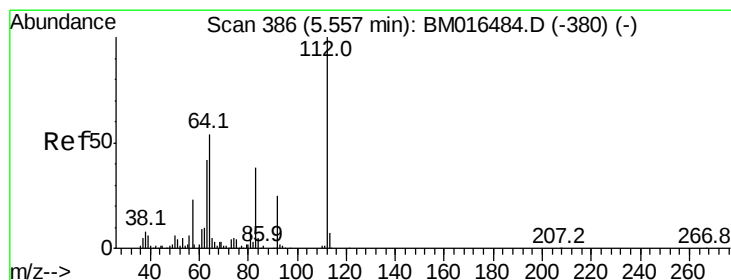
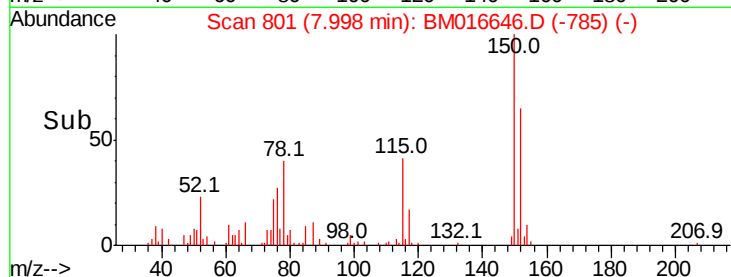
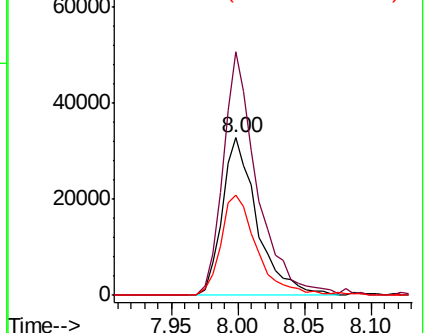
115 63.2 43.0 64.4



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: 118.263 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

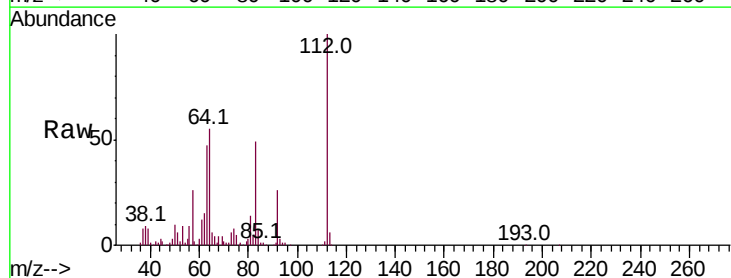
Tgt Ion:112 Resp: 363911

Ion Ratio Lower Upper

112 100

64 54.8 38.6 57.8

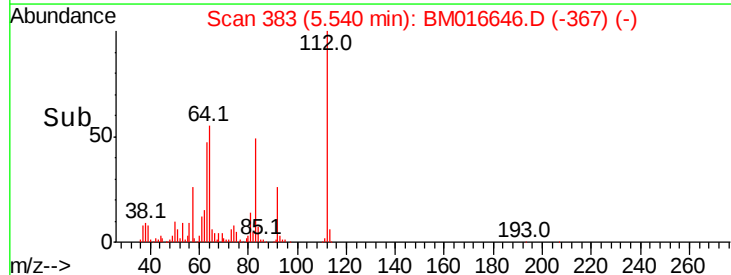
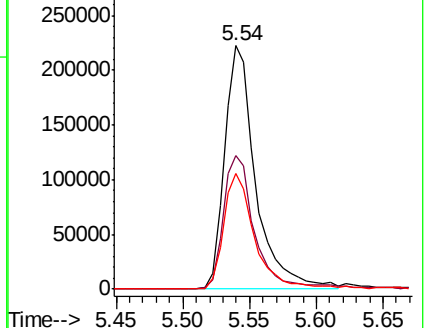
63 47.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 106.368 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Instrument :

BNA_M

ClientSampleId :

PB112537BL

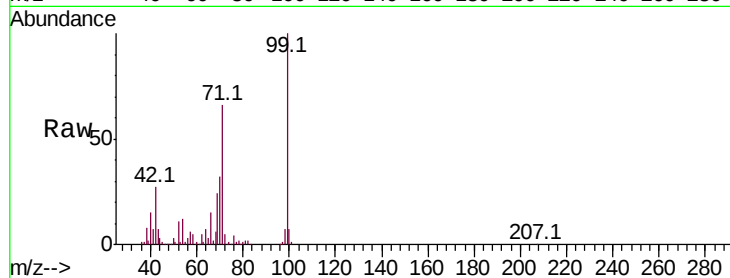
Tot Ion: 99 Resp: 433119

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

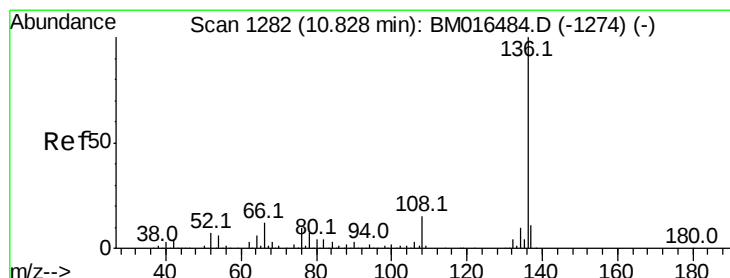
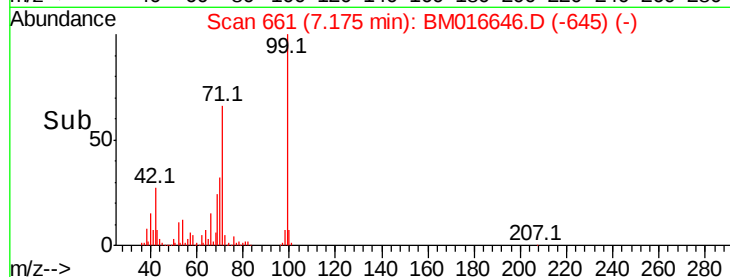
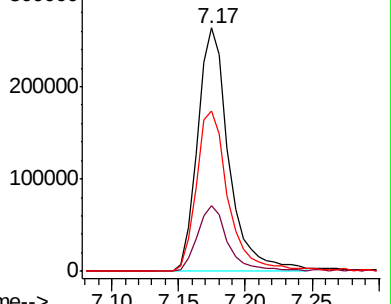
71 65.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016646.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016646.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016646.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Tgt Ion: 136 Resp: 187793

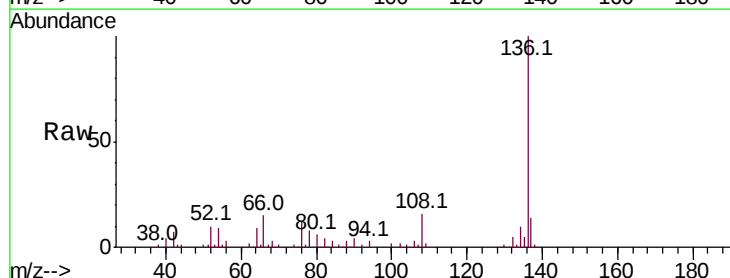
Ion Ratio Lower Upper

136 100

137 13.8 8.7 13.1#

54 9.4 4.6 6.8#

68 2.6 3.7 5.5#

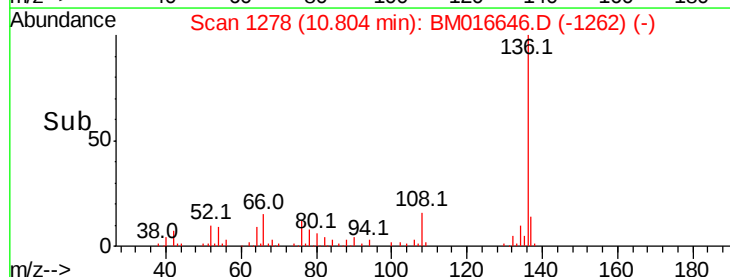
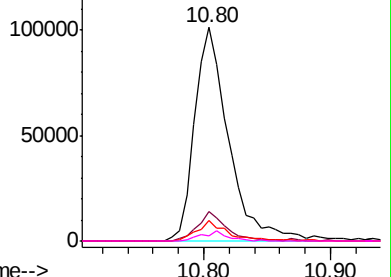


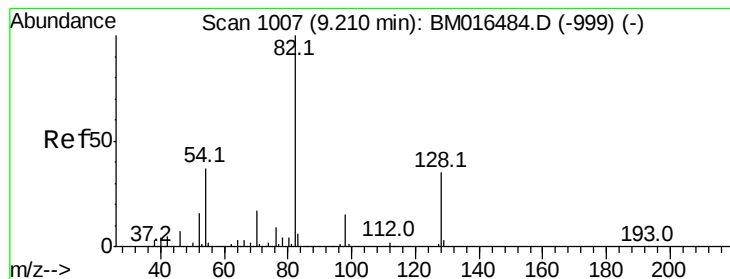
Abundance Ion 136.00 (135.70 to 136.70): BM016646.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016646.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016646.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016646.D (-1262) (-)





#23

Nitrobenzene-d5

Concen: 93.547 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Instrument :

BNA_M

ClientSampled :

PB112537BL

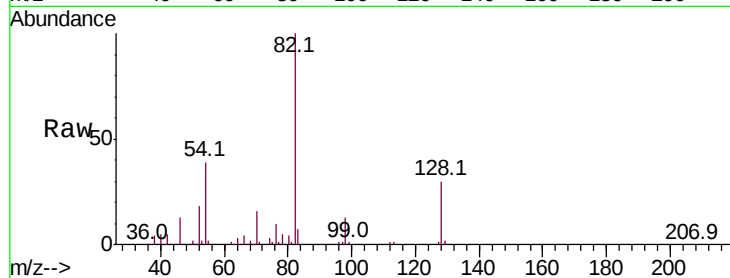
Tot Ion: 82 Resp: 384753

Ion Ratio Lower Upper

82 100

128 30.4 32.8 49.2#

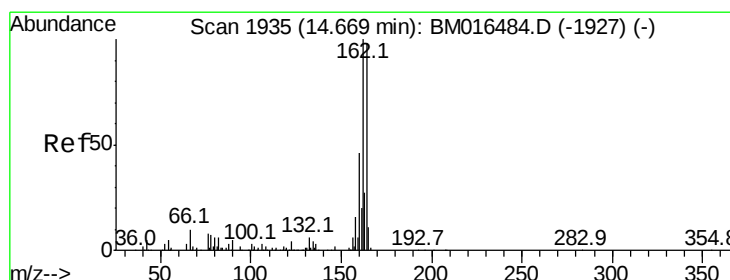
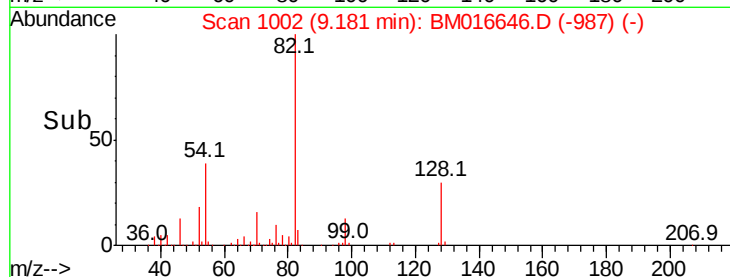
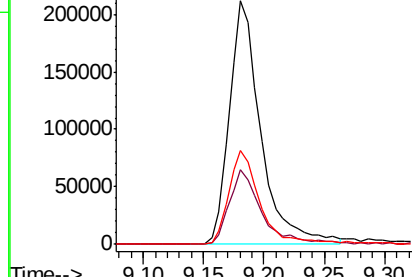
54 38.6 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016646.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016646.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016646.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

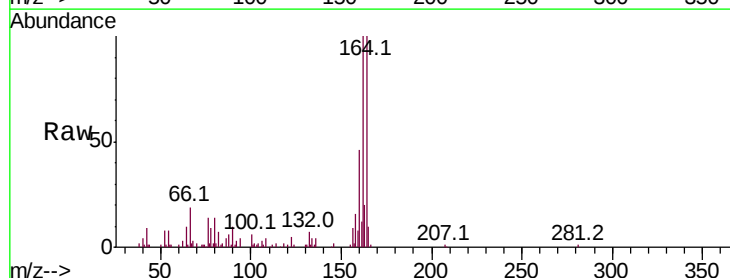
Tgt Ion:164 Resp: 120316

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

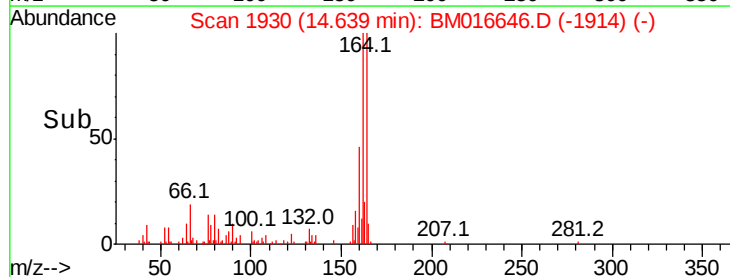
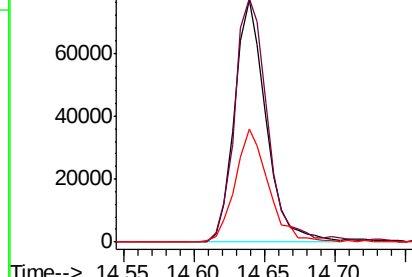
160 46.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016646.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016646.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016646.D (-1914) (-)

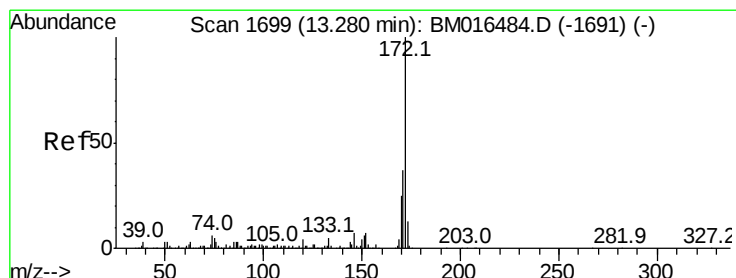
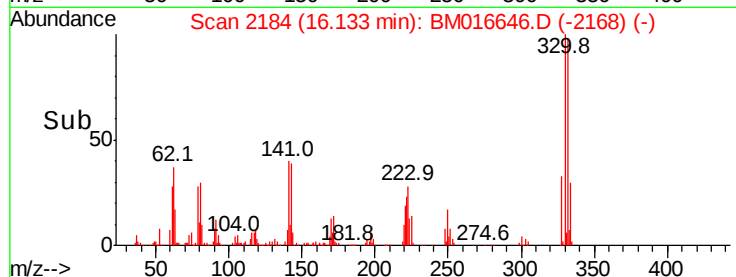
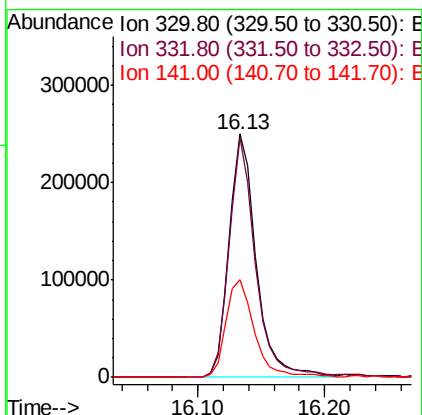
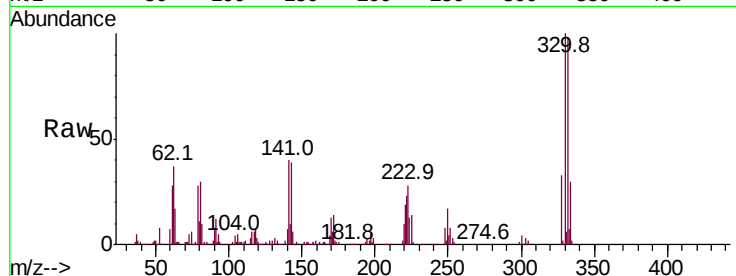




#41
 2,4,6-Tribromophenol
 Concen: 109.849 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016646.D
 Acq: 04 Sep 2018 15:05

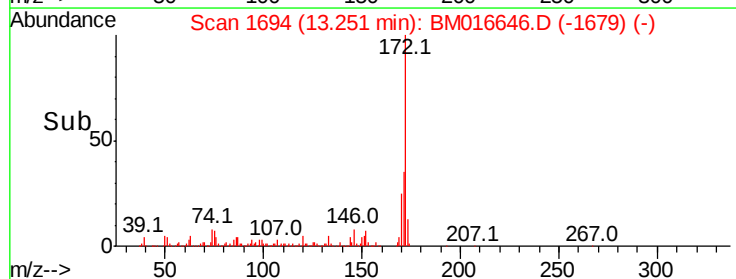
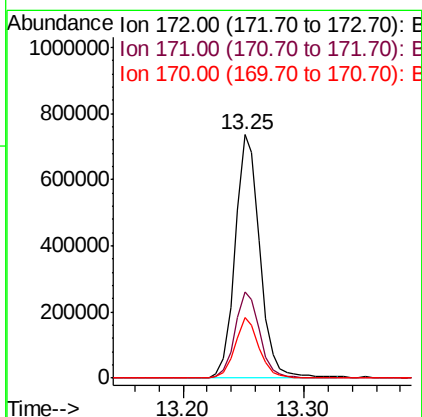
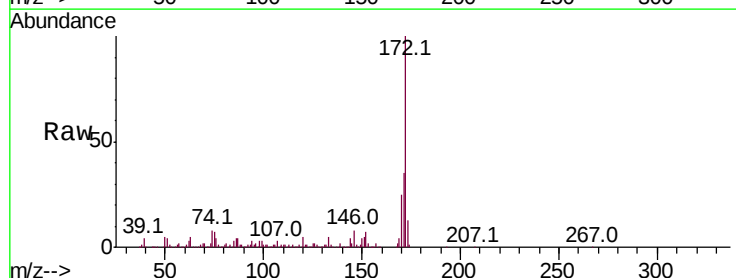
Instrument :
 BNA_M
 ClientSampleId :
 PB112537BL

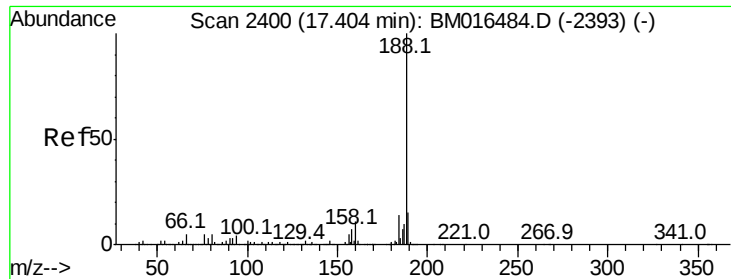
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	42.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 83.832 ng
 RT: 13.25 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM016646.D
 Acq: 04 Sep 2018 15:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	25.0	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Instrument :

BNA_M

ClientSampleId :

PB112537BL

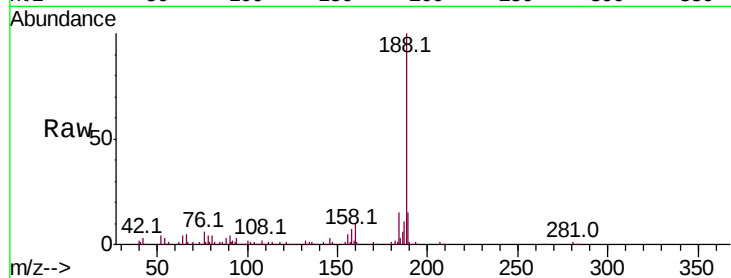
Tot Ion:188 Resp: 376041

Ion Ratio Lower Upper

188 100

94 2.8 8.7 13.1#

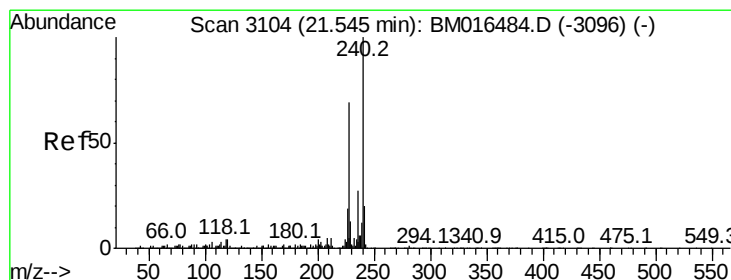
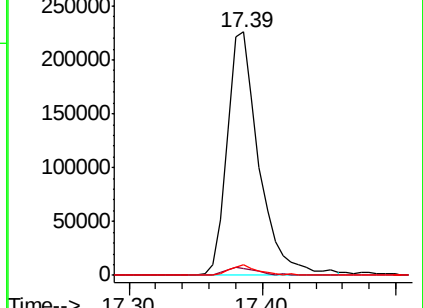
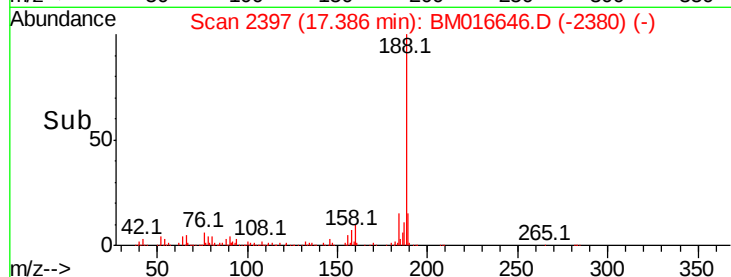
80 4.4 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

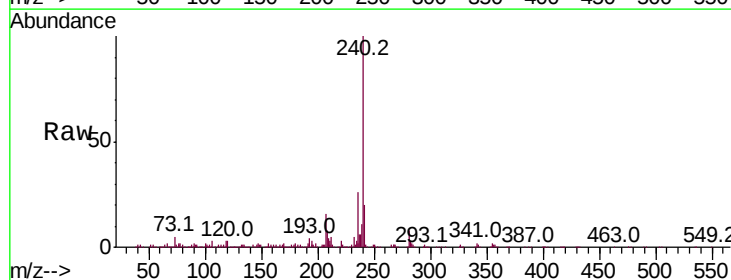
Tgt Ion:240 Resp: 505803

Ion Ratio Lower Upper

240 100

120 2.9 8.2 12.2#

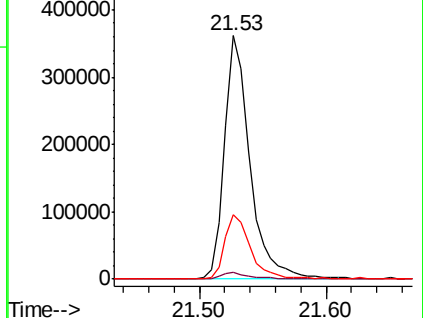
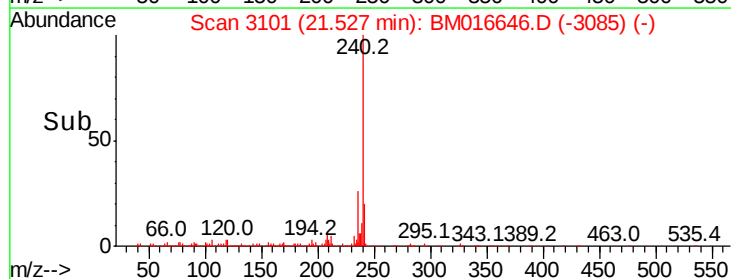
236 26.4 20.0 30.0

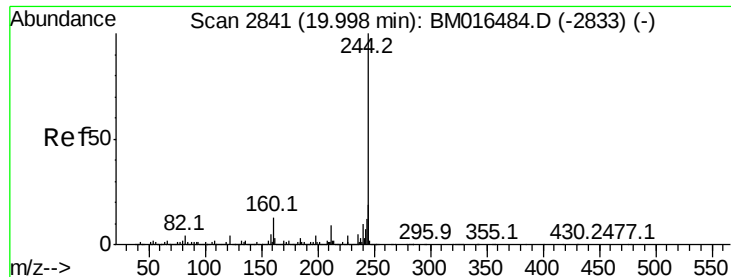


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.157 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

Instrument :

BNA_M

ClientSampleId :

PB112537BL

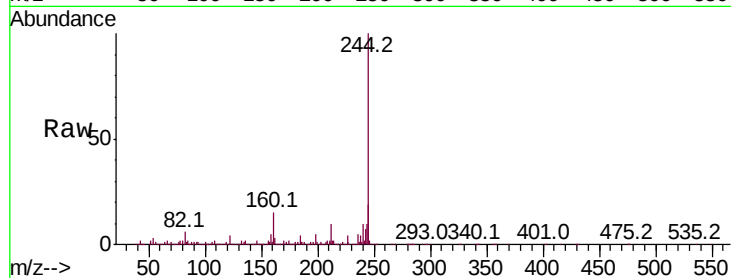
Tot Ion:244 Resp: 2441288

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

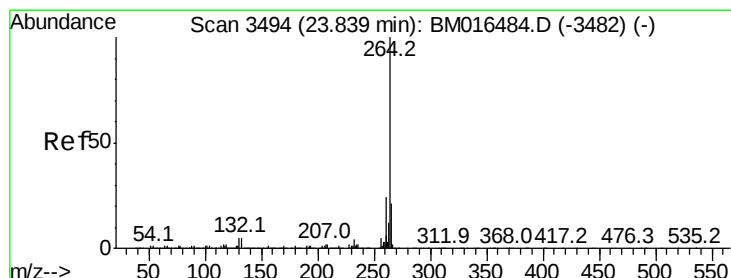
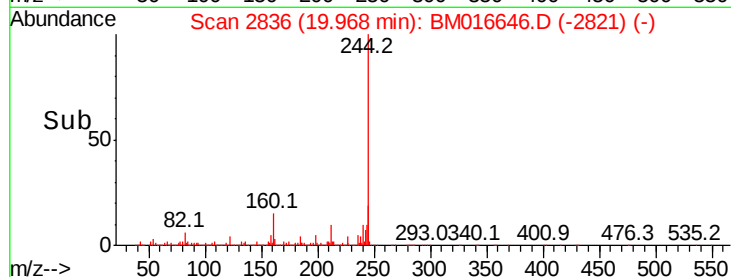
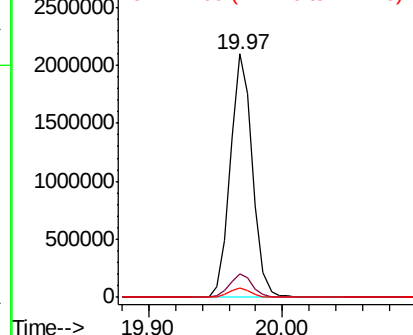
122 3.9 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.80 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM016646.D

Acq: 04 Sep 2018 15:05

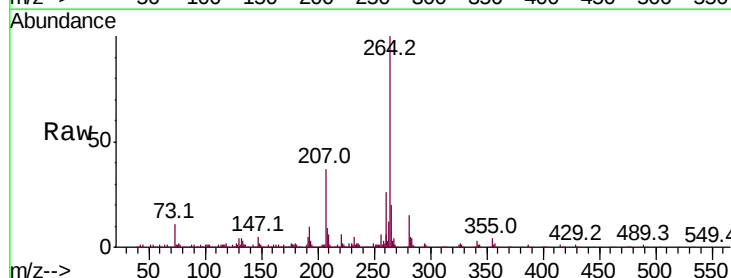
Tgt Ion:264 Resp: 640761

Ion Ratio Lower Upper

264 100

260 26.1 18.6 27.8

265 19.8 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

