

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016647.D
 Acq On : 04 Sep 2018 15:41
 Operator : SJ/JU
 Sample : BL-TEST
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BL-TEST

Quant Time: Sep 04 18:22:57 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	65289	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	216571	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	144779	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	419687	20.00	ng	0.00
75) Chrysene-d12	21.53	240	458560	20.00	ng	0.00
86) Perylene-d12	23.81	264	569504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	463355	139.07	ng	0.00
7) Phenol-d6	7.17	99	541872	122.90	ng	0.00
23) Nitrobenzene-d5	9.18	82	482555	101.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	479649	118.51	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1443492	95.84	ng	-0.01
78) Terphenyl-d14	19.97	244	2937200	135.57	ng	-0.01

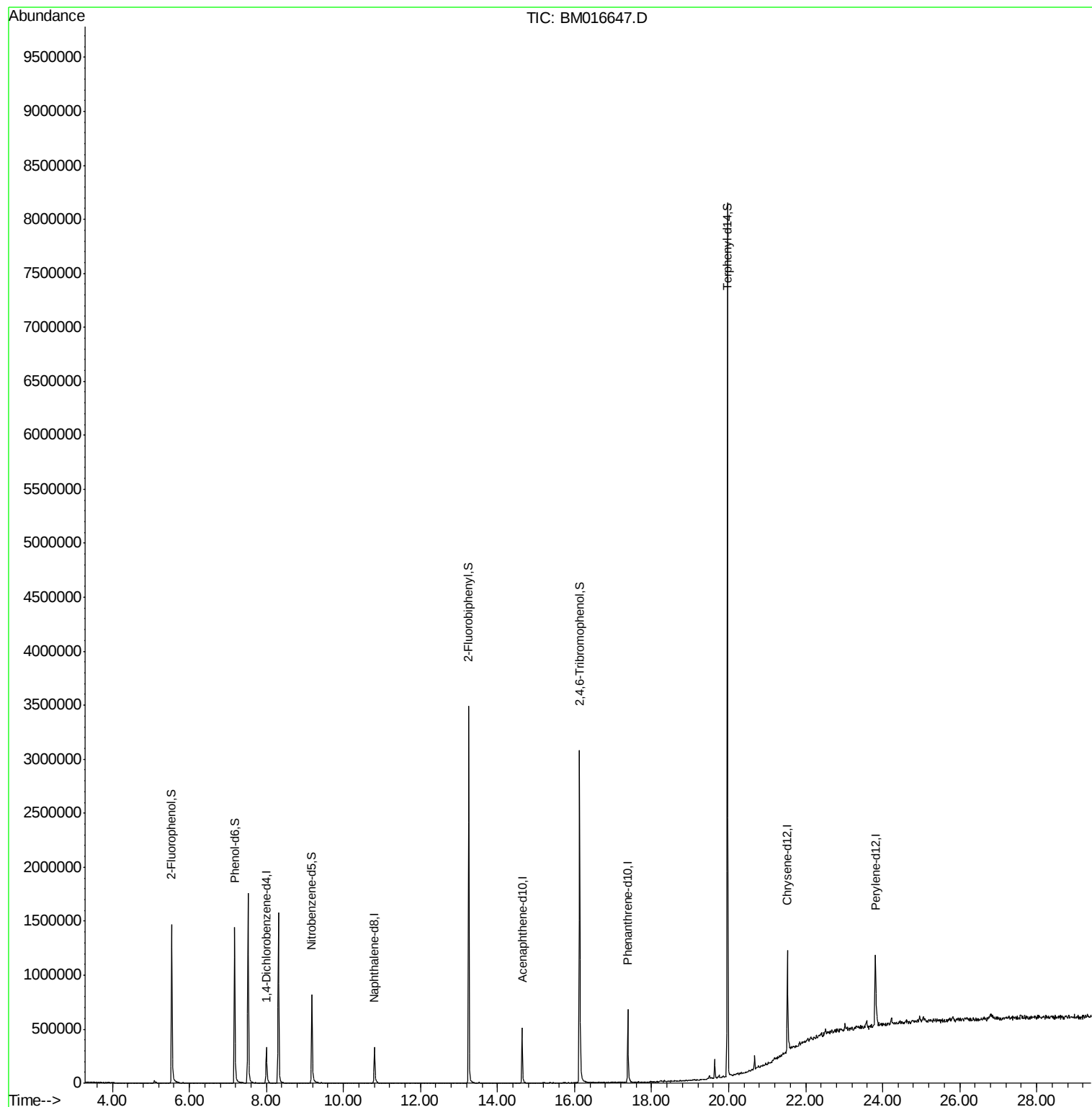
Target Compounds Qvalue

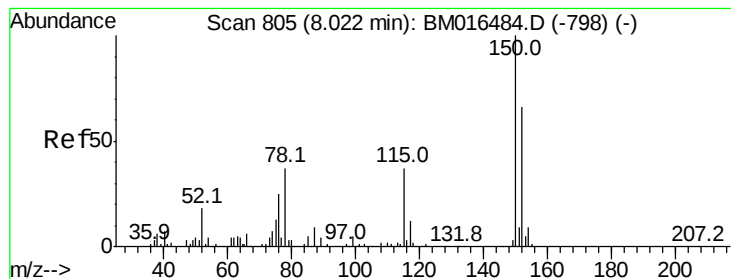
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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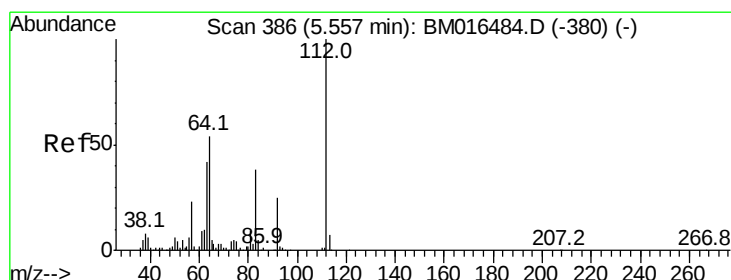
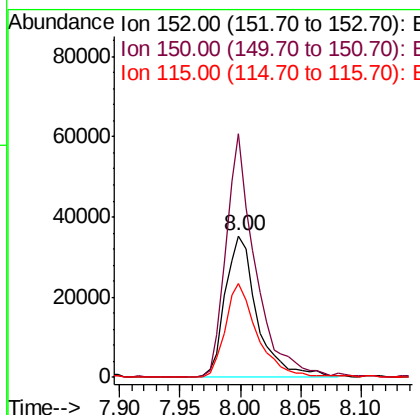
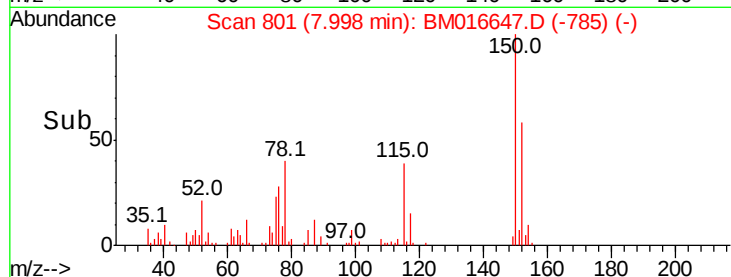
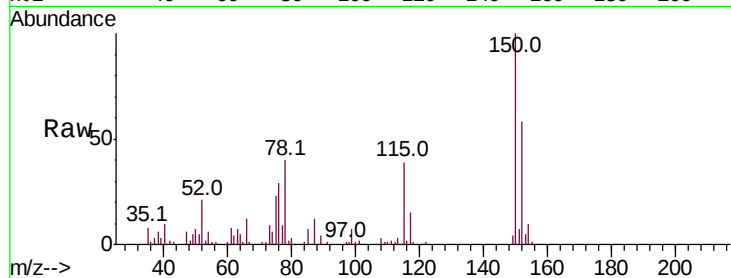




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BM016647.D
 Acq: 04 Sep 2018 15:41

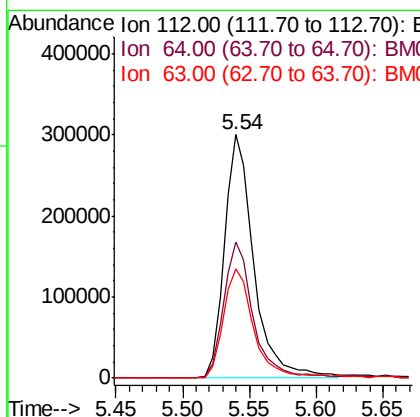
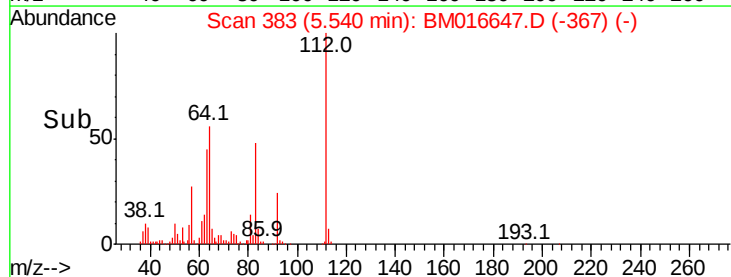
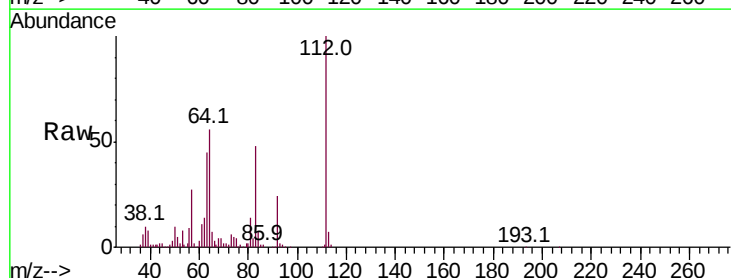
Instrument :
 BNA_M
 ClientSampleId :
 BL-TEST

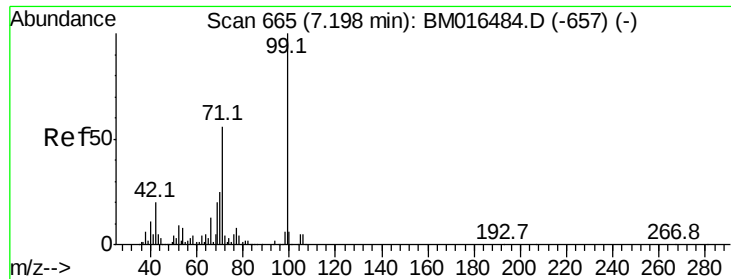
Tot Ion:152 Resp: 65289
 Ion Ratio Lower Upper
 152 100
 150 171.7 119.5 179.3
 115 66.2 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 139.072 ng
 RT: 5.54 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BM016647.D
 Acq: 04 Sep 2018 15:41

Tgt Ion:112 Resp: 463355
 Ion Ratio Lower Upper
 112 100
 64 56.0 38.6 57.8
 63 45.1 19.3 28.9#





#7

Phenol-d6

Concen: 122.905 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

Instrument :

BNA_M

ClientSampleId :

BL-TEST

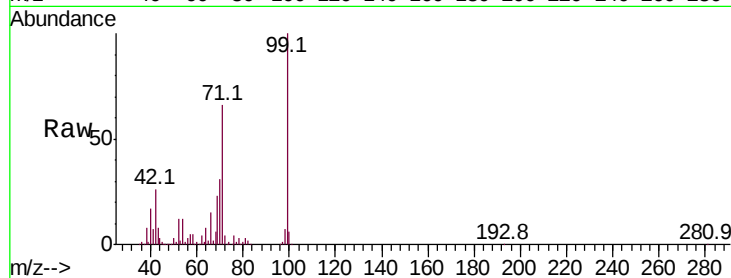
Tot Ion: 99 Resp: 541872

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

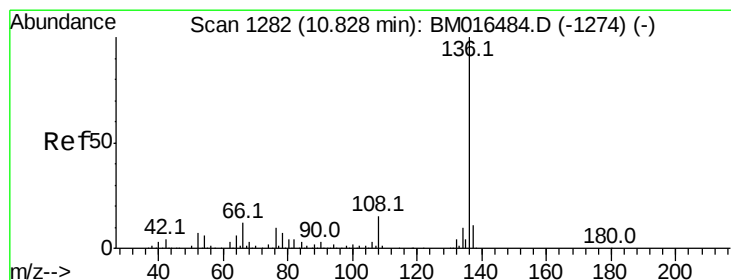
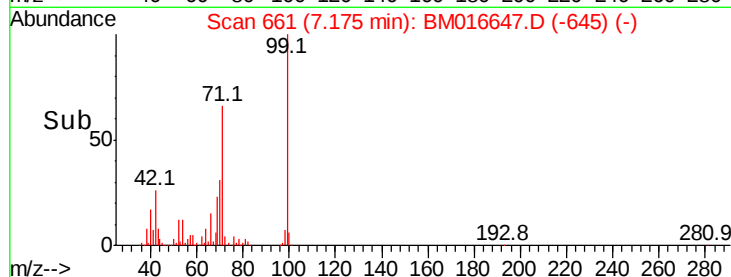
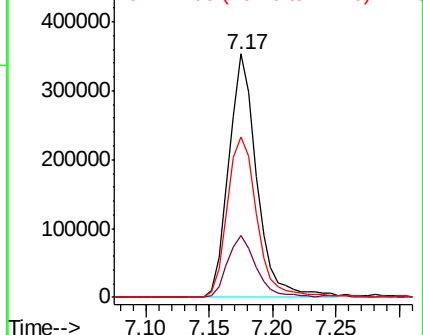
71 65.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016647.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016647.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016647.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

Tgt Ion: 136 Resp: 216571

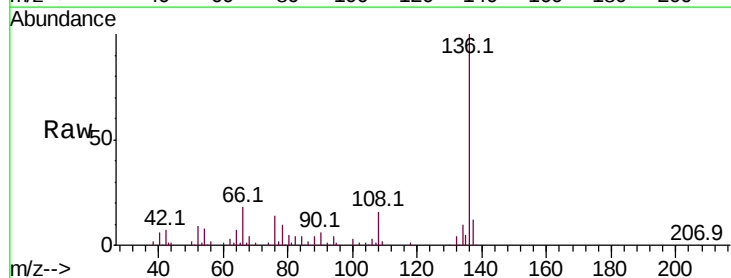
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 8.2 4.6 6.8#

68 4.5 3.7 5.5

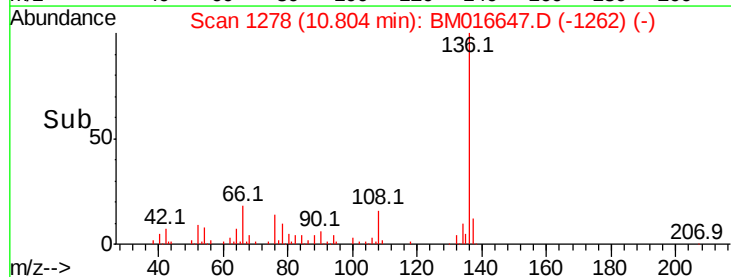
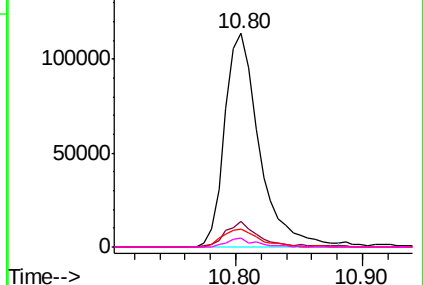


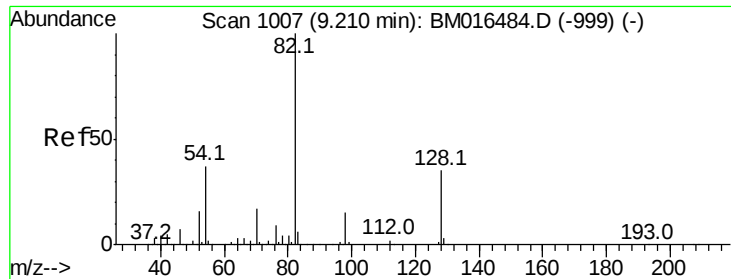
Abundance Ion 136.00 (135.70 to 136.70): BM016647.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016647.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016647.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016647.D (-1262) (-)

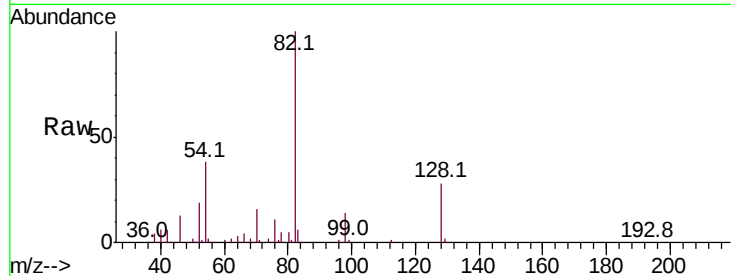




#23
Nitrobenzene-d5
Concen: 101.736 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM016647.D
Acq: 04 Sep 2018 15:41

Instrument :
BNA_M
ClientSampleId :
BL-TEST

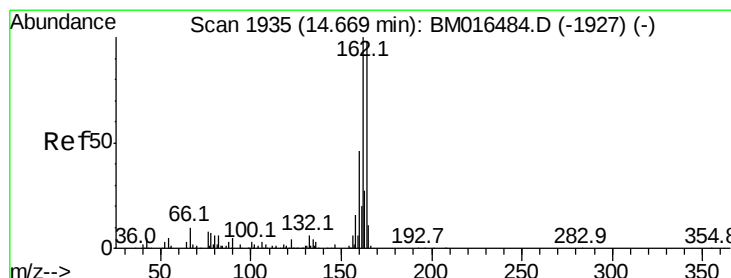
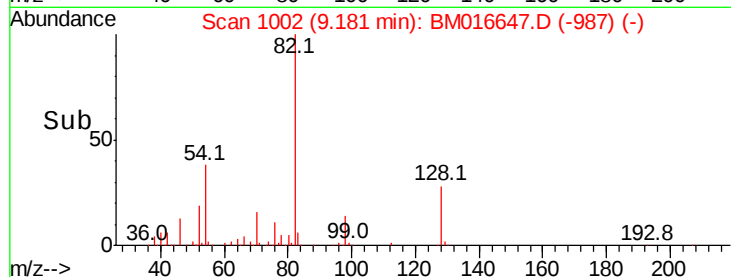
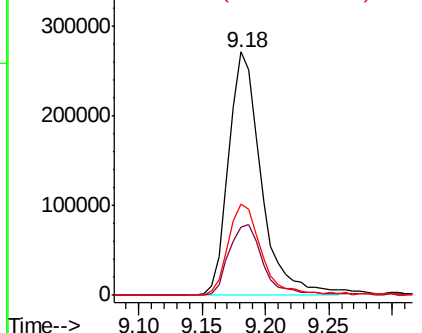
Tot Ion	Ratio	Lower	Upper
82	100		
128	28.2	32.8	49.2#
54	37.7	40.6	60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016647.D (-999) (-)

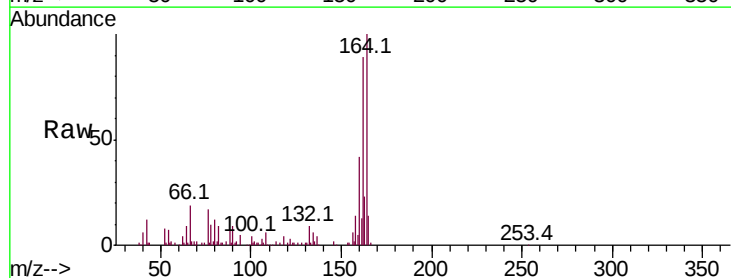
Ion 128.00 (127.70 to 128.70): BM016647.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016647.D (-999) (-)



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016647.D
Acq: 04 Sep 2018 15:41

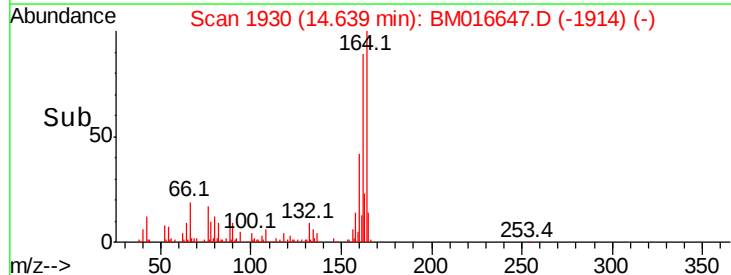
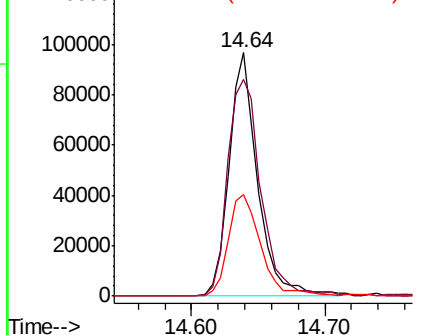
Tgt Ion	Ratio	Lower	Upper
164	100		
162	88.8	82.4	123.6
160	42.0	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016647.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016647.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016647.D (-1914) (-)





#41

2,4,6-Tribromophenol

Concen: 118.514 ng

RT: 16.13 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

Instrument :

BNA_M

ClientSampleId :

BL-TEST

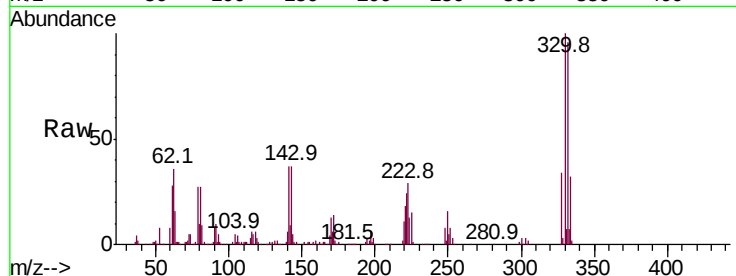
Tot Ion:330 Resp: 479649

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

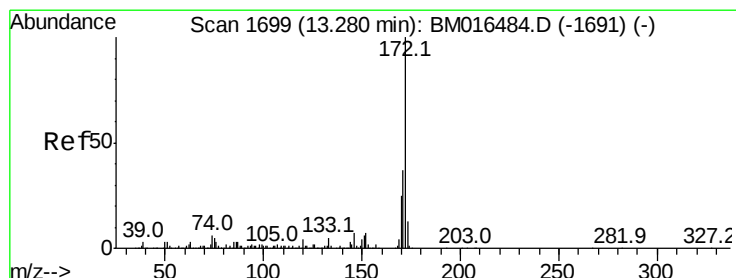
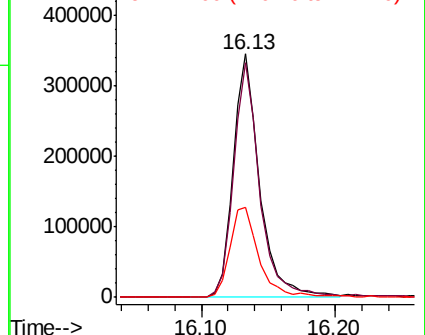
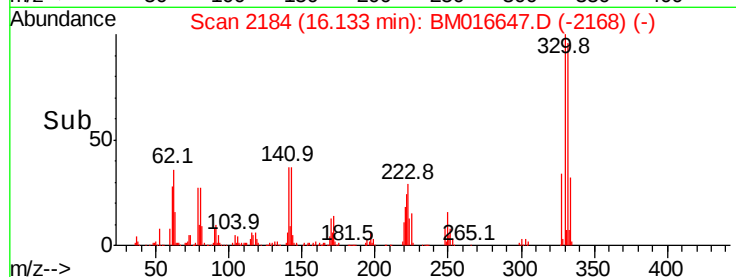
141 40.9 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 95.837 ng

RT: 13.25 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

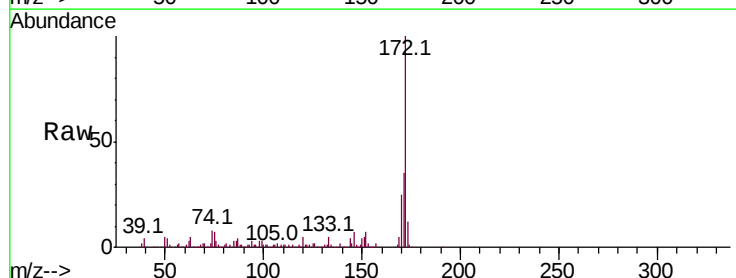
Tgt Ion:172 Resp: 1443492

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

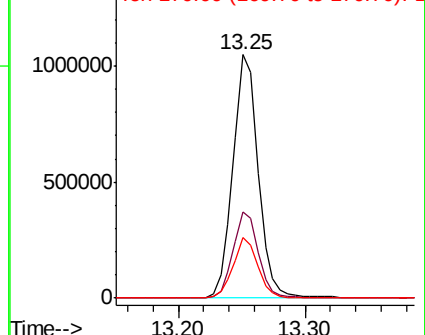
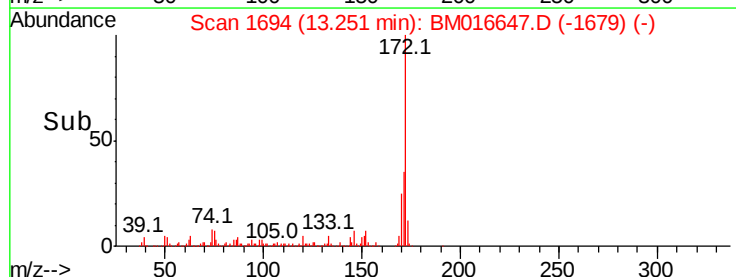
170 25.0 18.8 28.2

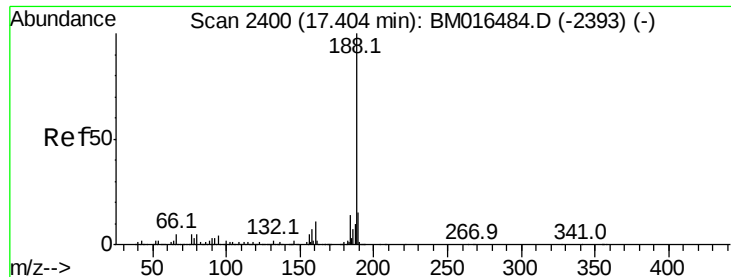


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

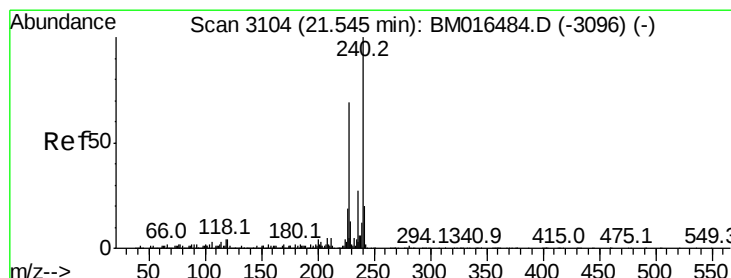
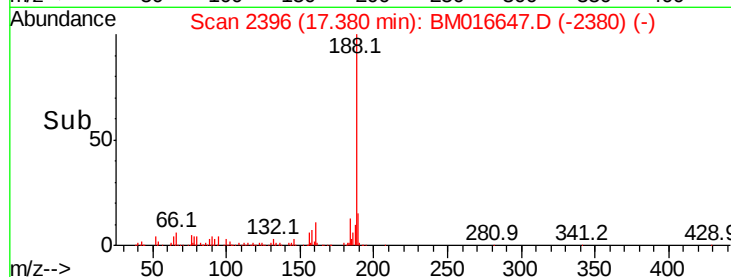
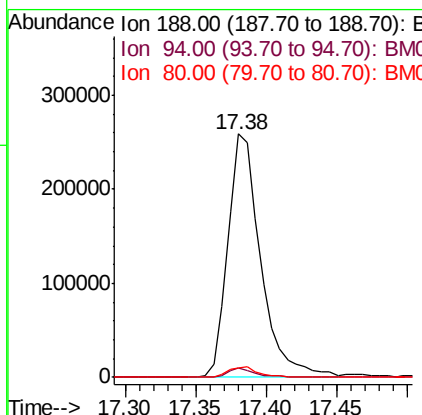
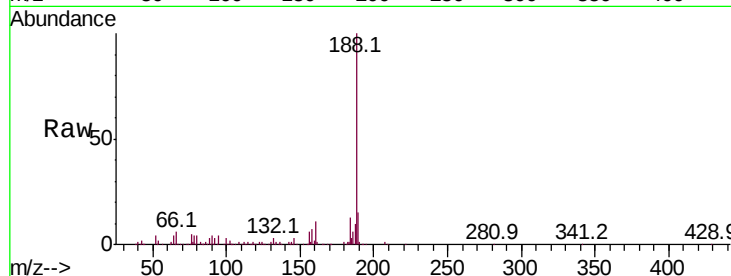




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM016647.D
Acq: 04 Sep 2018 15:41

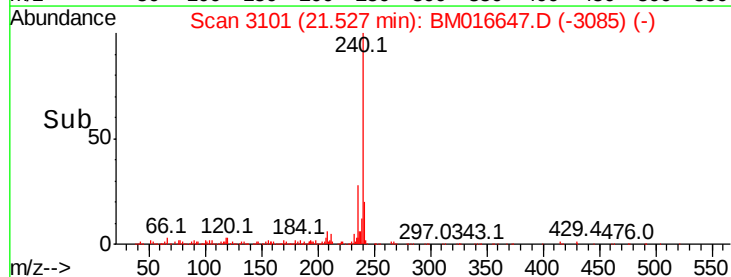
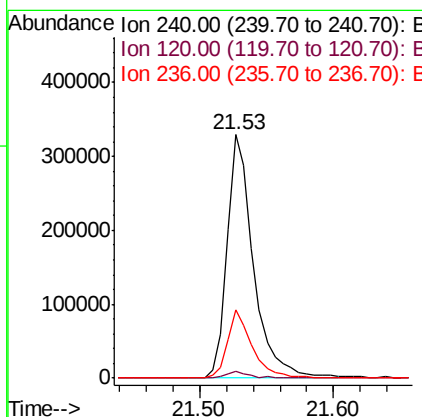
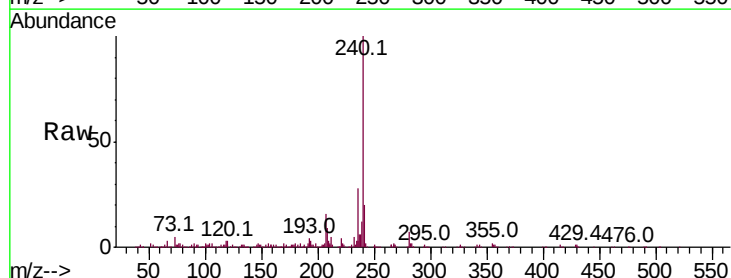
Instrument :
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BL-TEST

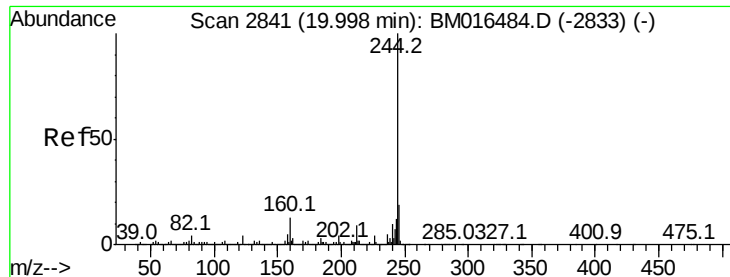
Tot Ion:188 Resp: 419687
Ion Ratio Lower Upper
188 100
94 3.6 8.7 13.1#
80 3.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016647.D
Acq: 04 Sep 2018 15:41

Tgt Ion:240 Resp: 458560
Ion Ratio Lower Upper
240 100
120 3.0 8.2 12.2#
236 28.2 20.0 30.0





#78

Terphenyl-d14

Concen: 135.572 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

Instrument :

BNA_M

ClientSampleId :

BL-TEST

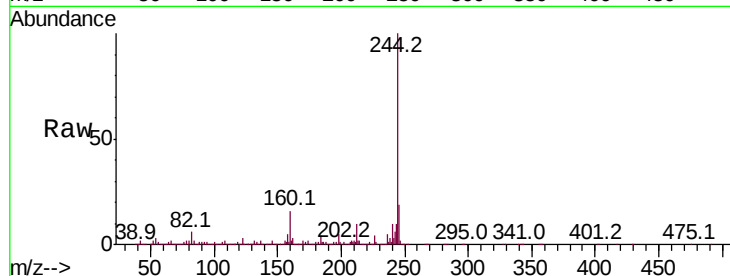
Tot Ion:244 Resp: 2937200

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

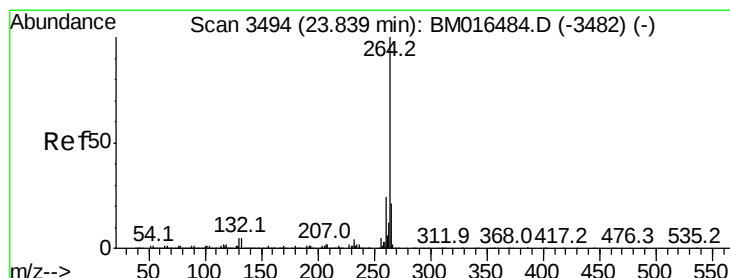
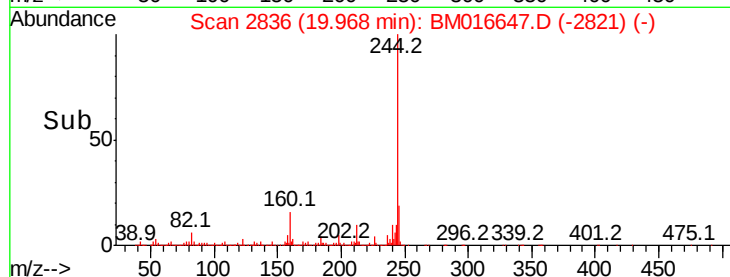
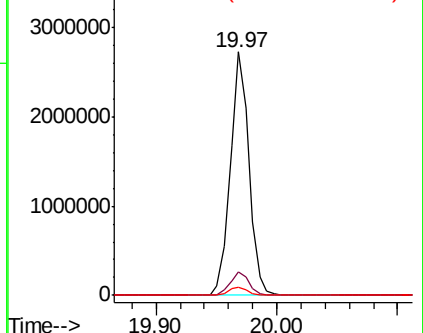
122 3.2 6.2 9.4#



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: 23.81 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM016647.D

Acq: 04 Sep 2018 15:41

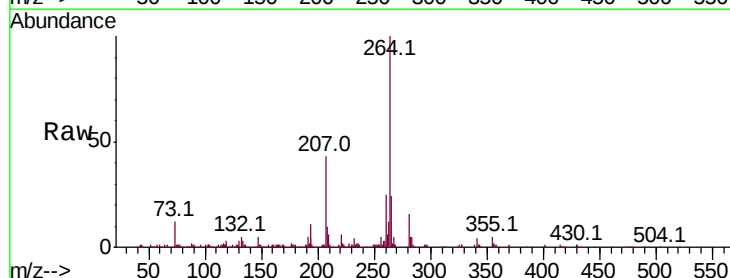
Tgt Ion:264 Resp: 569504

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 23.5 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

