

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016638.D
 Acq On : 31 Aug 2018 15:26
 Operator : SJ/JU
 Sample : BL-TEST
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BL-TEST

Quant Time: Aug 31 17:24:32 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	71431	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	234898	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	170775	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	532798	20.00	ng	0.00
75) Chrysene-d12	21.53	240	668593	20.00	ng	0.00
86) Perylene-d12	23.81	264	750601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	439843	120.66	ng	0.00
7) Phenol-d6	7.18	99	539083	111.76	ng	0.00
23) Nitrobenzene-d5	9.19	82	467047	90.78	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	611686	128.13	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1479187	83.26	ng	0.00
78) Terphenyl-d14	19.97	244	3857042	122.10	ng	0.00

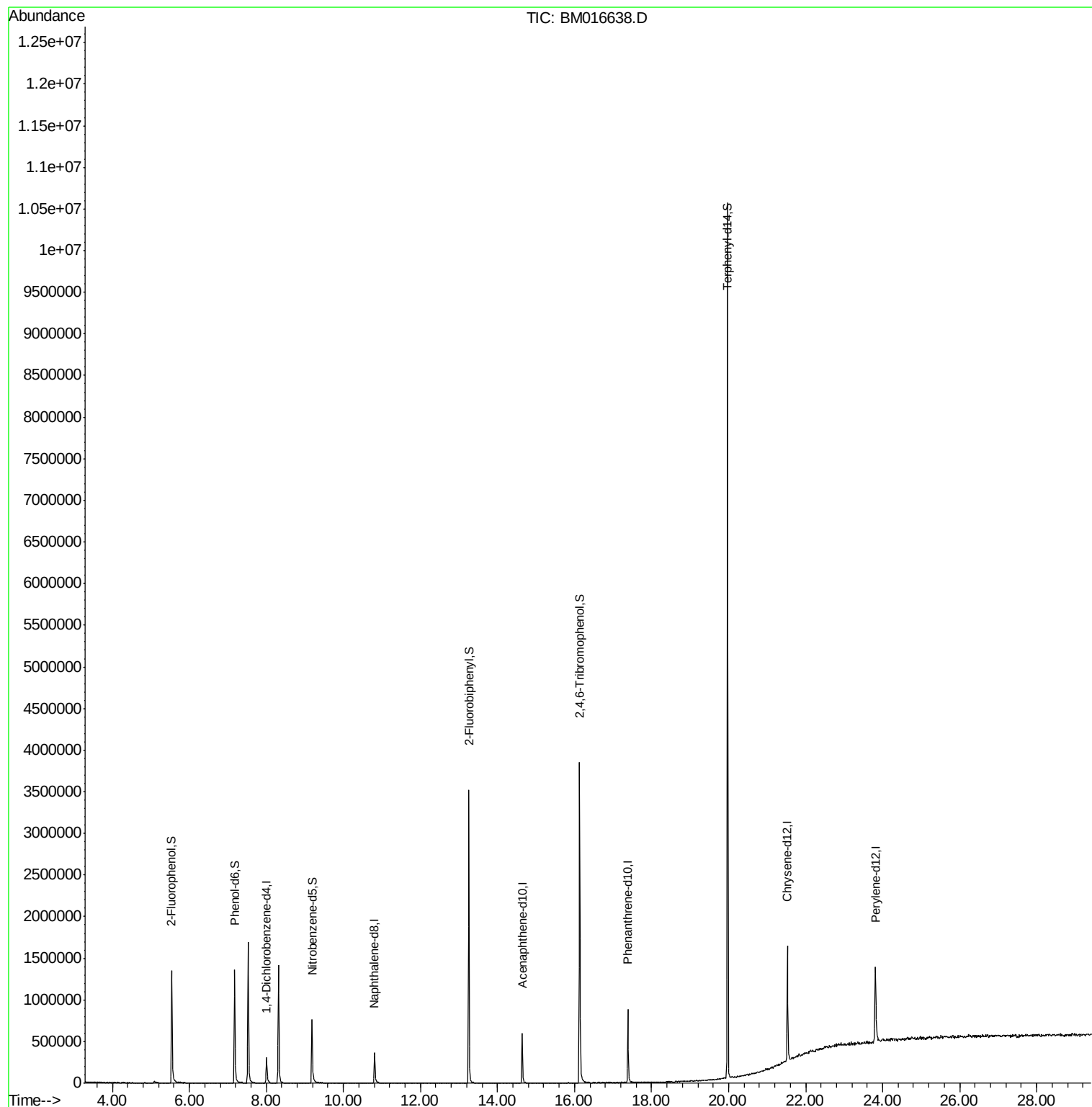
Target Compounds Qvalue

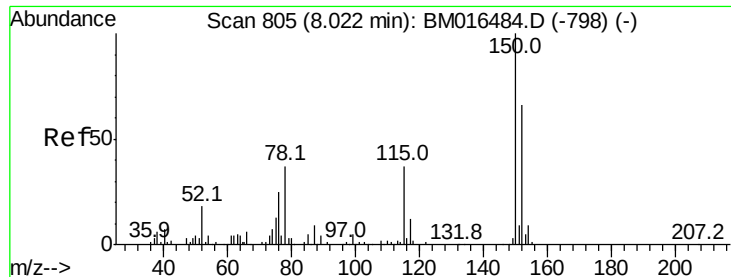
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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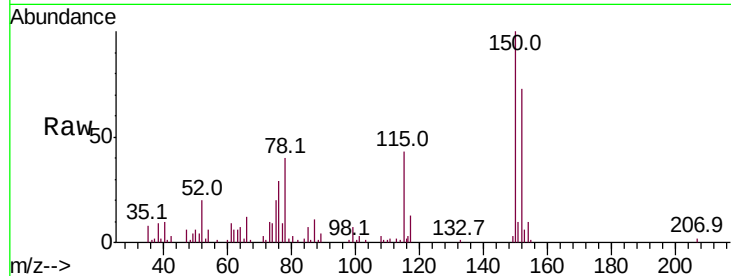


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Instrument :
BNA_M
ClientSampleId :
BL-TEST

Tot Ion	Ratio	Lower	Upper
152	100		
150	136.6	119.5	179.3
115	59.0	43.0	64.4

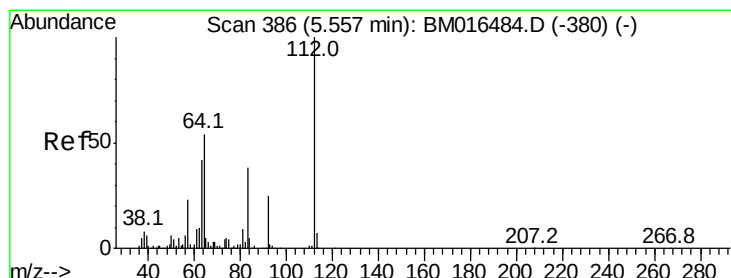
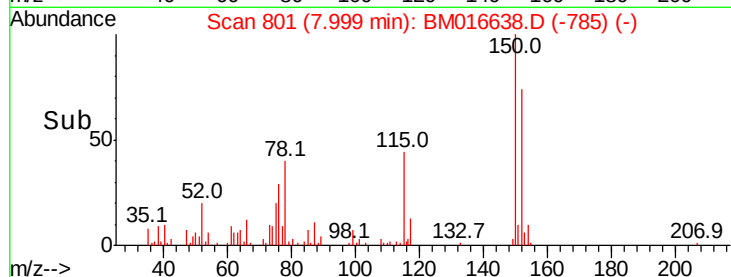
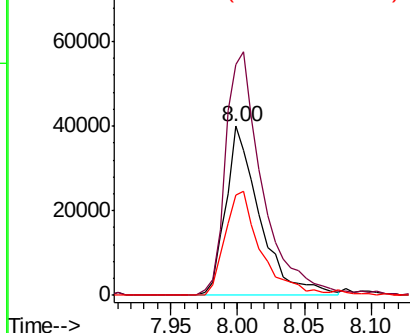


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

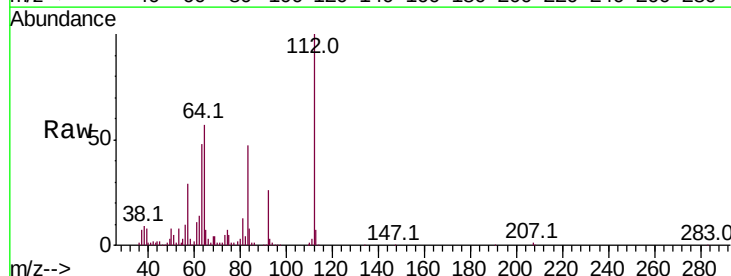
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.663 ng
RT: 5.54 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM016638.D
Acq: 31 Aug 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	38.6	57.8
63	48.4	19.3	28.9

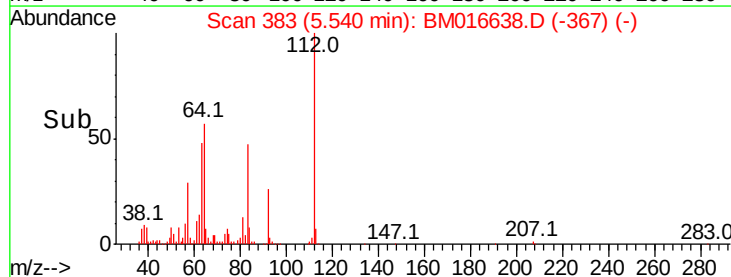
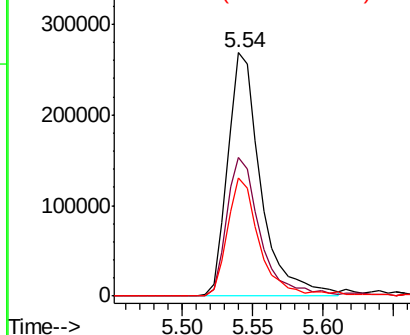


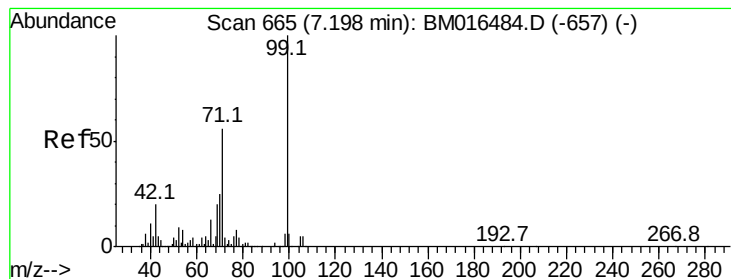
Abundance

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: 111.759 ng

RT: 7.18 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016638.D

Acq: 31 Aug 2018 15:26

Instrument :

BNA_M

ClientSampleId :

BL-TEST

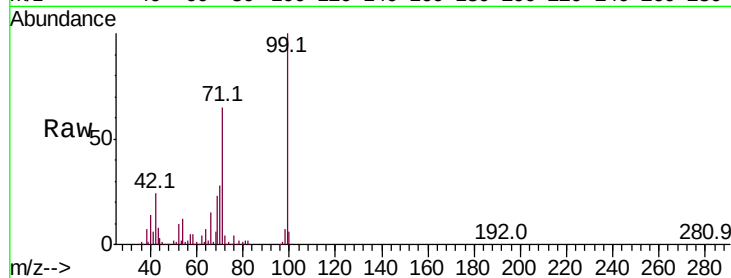
Tot Ion: 99 Resp: 539083

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

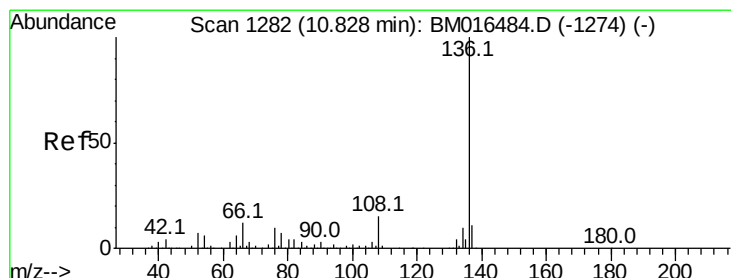
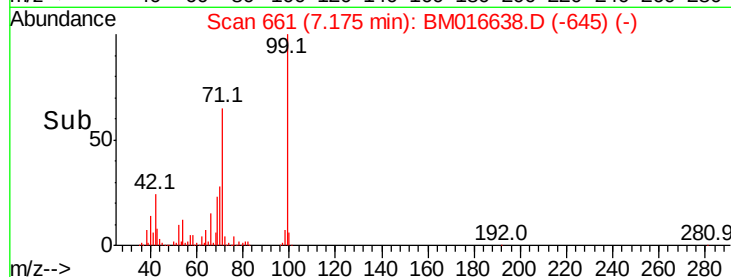
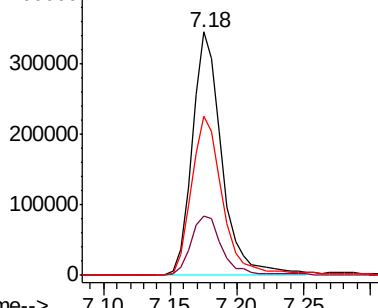
71 65.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016638.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016638.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016638.D (-645) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016638.D

Acq: 31 Aug 2018 15:26

Tgt Ion: 136 Resp: 234898

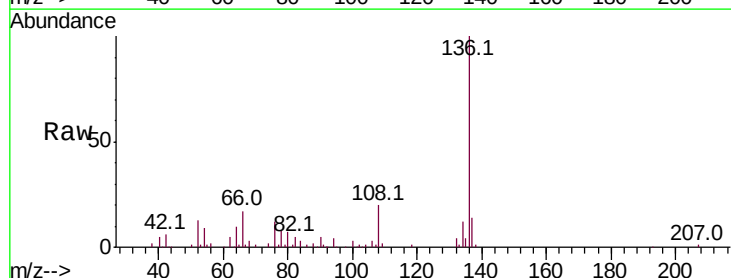
Ion Ratio Lower Upper

136 100

137 13.5 8.7 13.1#

54 9.1 4.6 6.8#

68 3.4 3.7 5.5#

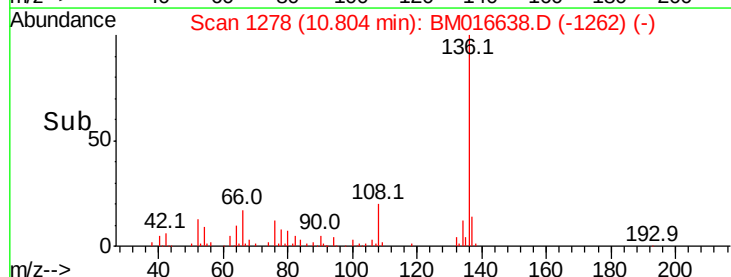
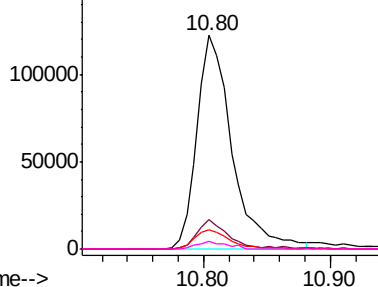


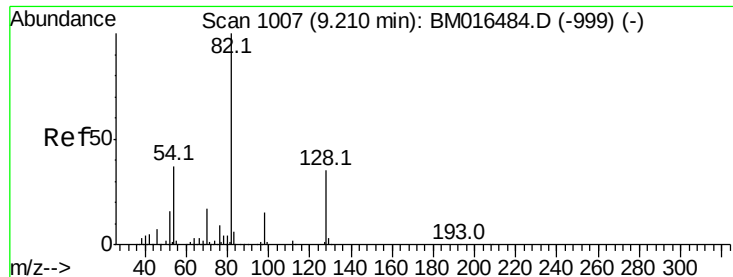
Abundance Ion 136.00 (135.70 to 136.70): BM016638.D (-1262) (-)

Ion 137.00 (136.70 to 137.70): BM016638.D (-1262) (-)

Ion 54.00 (53.70 to 54.70): BM016638.D (-1262) (-)

Ion 68.00 (67.70 to 68.70): BM016638.D (-1262) (-)

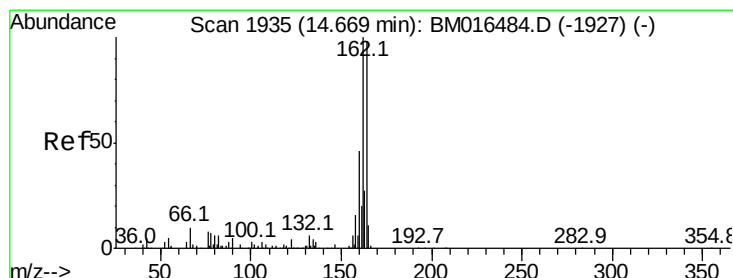
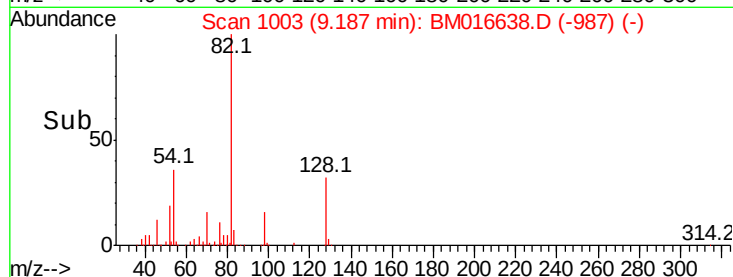
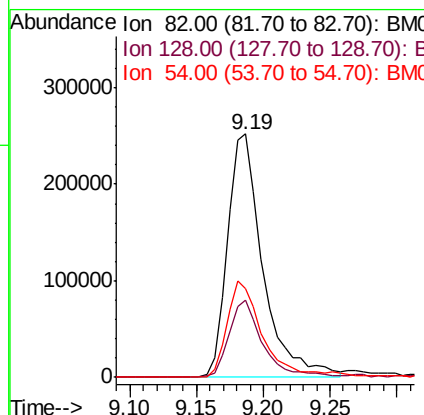
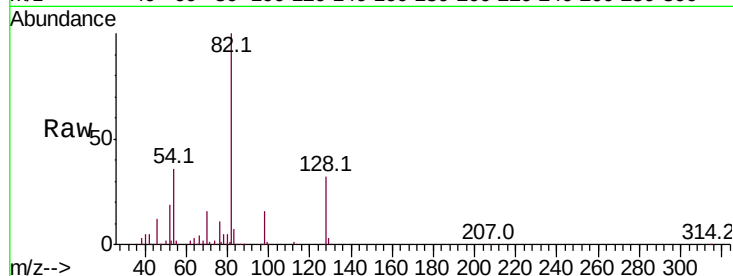




#23
 Nitrobenzene-d5
 Concen: 90.784 ng
 RT: 9.19 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BM016638.D
 Acq: 31 Aug 2018 15:26

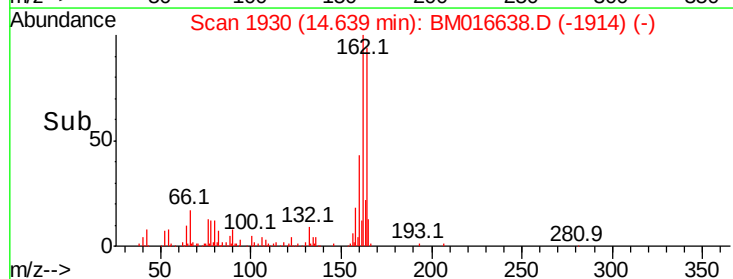
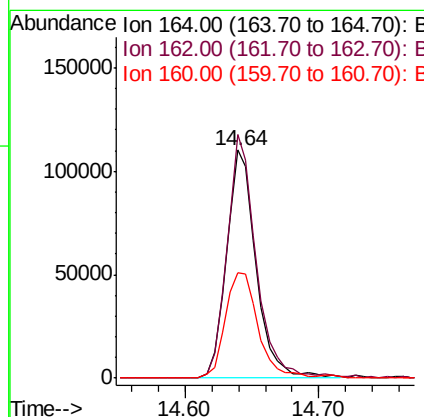
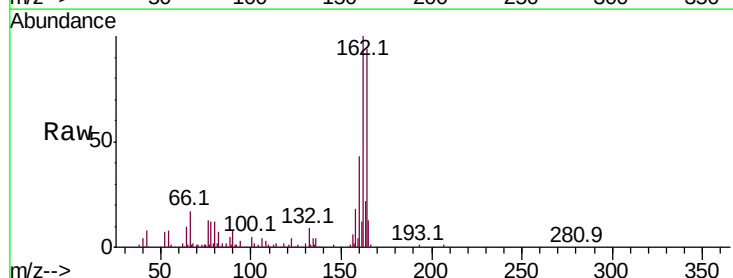
Instrument :
 BNA_M
 ClientSampleId :
 BL-TEST

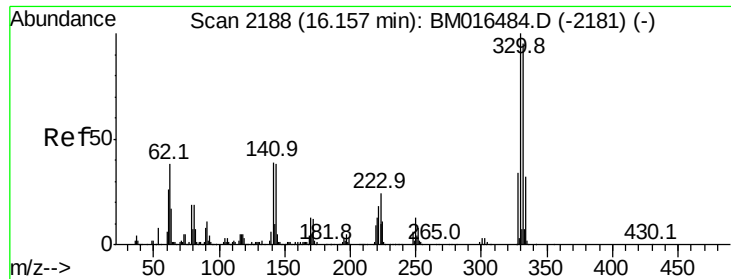
Tot Ion	82	Resp	467047
Ion Ratio	Lower	Upper	
82	100		
128	31.8	32.8	49.2#
54	36.2	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016638.D
 Acq: 31 Aug 2018 15:26

Tgt Ion	164	Resp	170775
Ion Ratio	Lower	Upper	
164	100		
162	106.9	82.4	123.6
160	46.2	35.8	53.6

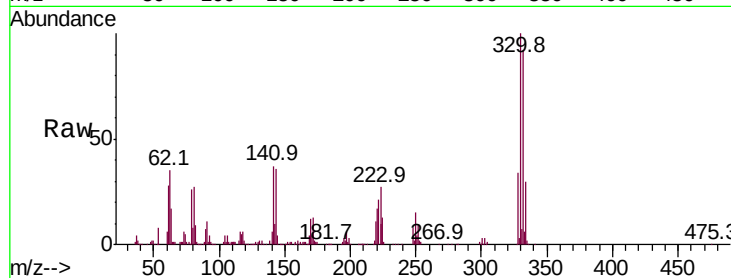




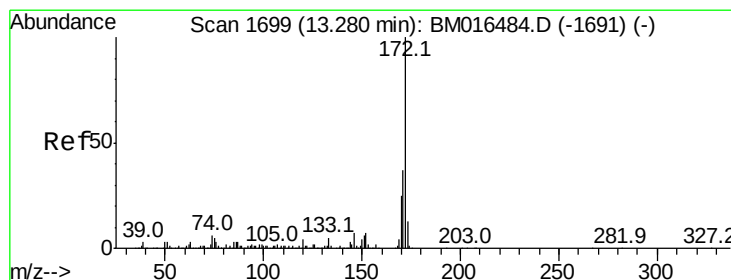
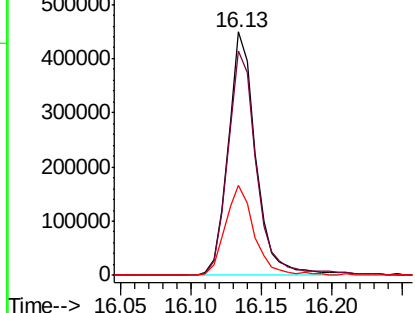
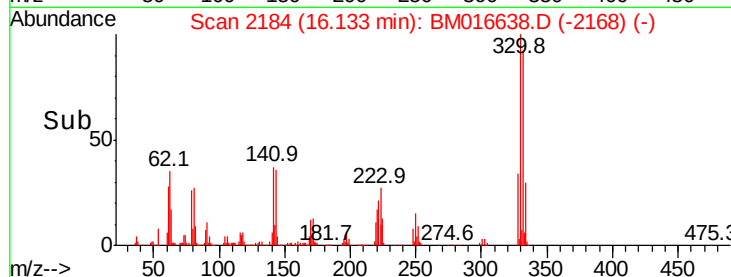
#41
 2,4,6-Tribromophenol
 Concen: 128.132 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016638.D
 Acq: 31 Aug 2018 15:26

Instrument :
 BNA_M
 ClientSampleId :
 BL-TEST

Tot Ion:330 Resp: 611686
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 38.8 0.0 0.0#

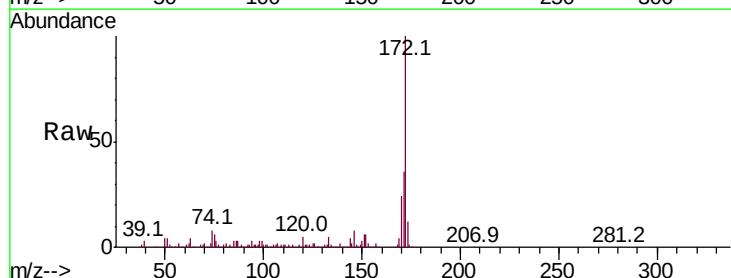


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

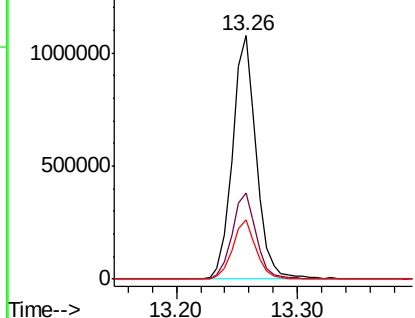
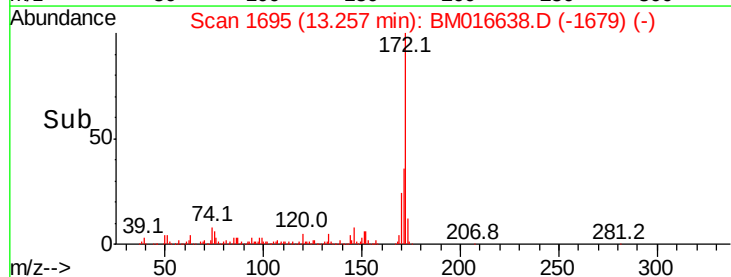


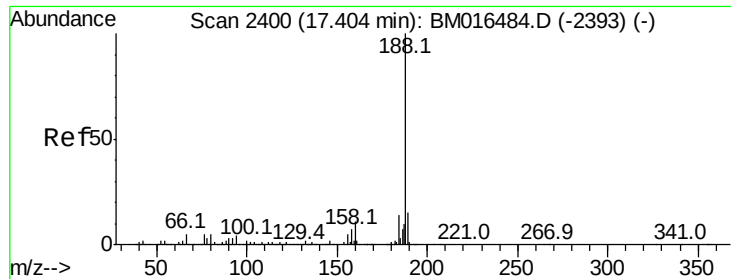
#44
 2-Fluorobiphenyl
 Concen: 83.257 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016638.D
 Acq: 31 Aug 2018 15:26

Tgt Ion:172 Resp: 1479187
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.3 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: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM016638.D

Acq: 31 Aug 2018 15:26

Instrument :

BNA_M

ClientSampleId :

BL-TEST

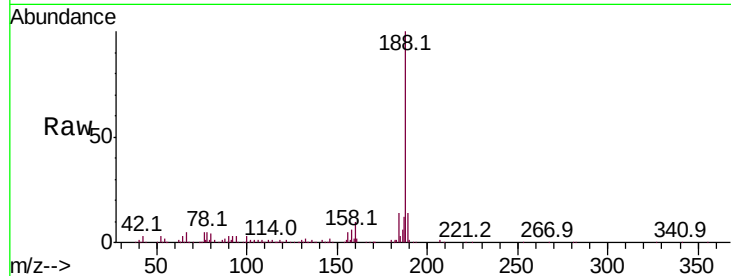
Tot Ion:188 Resp: 532798

Ion Ratio Lower Upper

188 100

94 3.3 8.7 13.1#

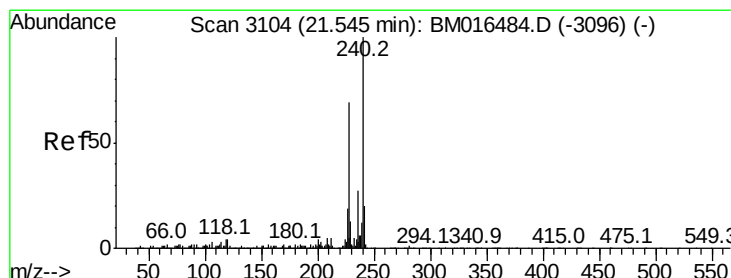
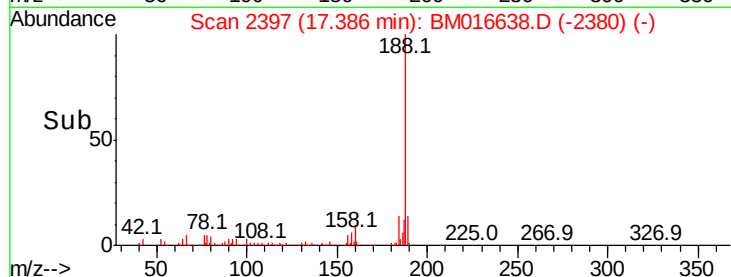
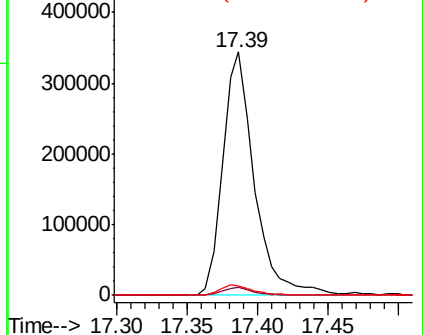
80 3.9 9.3 13.9#



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: BM016638.D

Acq: 31 Aug 2018 15:26

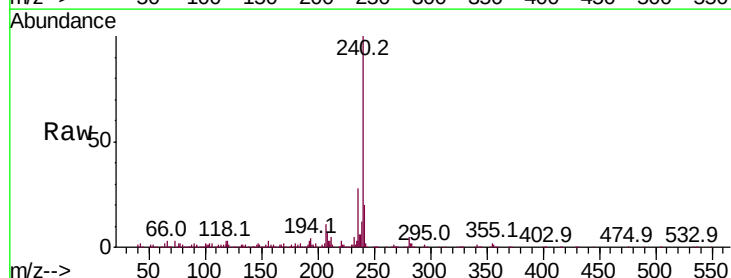
Tgt Ion:240 Resp: 668593

Ion Ratio Lower Upper

240 100

120 2.9 8.2 12.2#

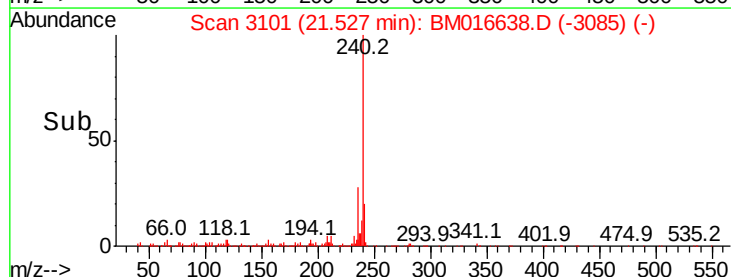
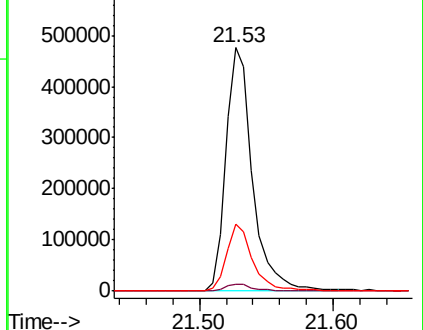
236 27.6 20.0 30.0

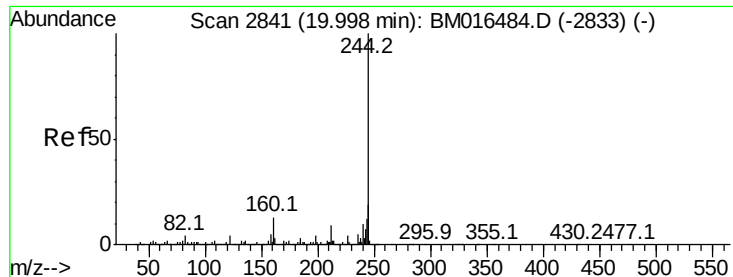


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 122.103 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016638.D

Acq: 31 Aug 2018 15:26

Instrument :

BNA_M

ClientSampleId :

BL-TEST

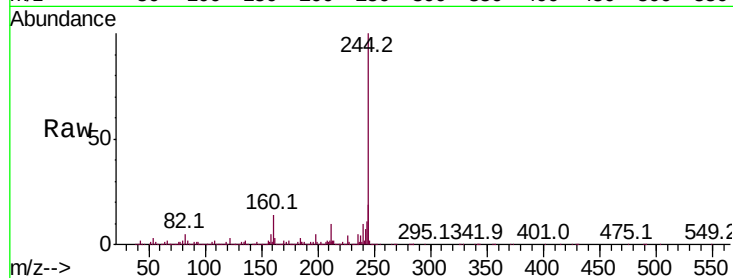
Tot Ion:244 Resp: 3857042

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

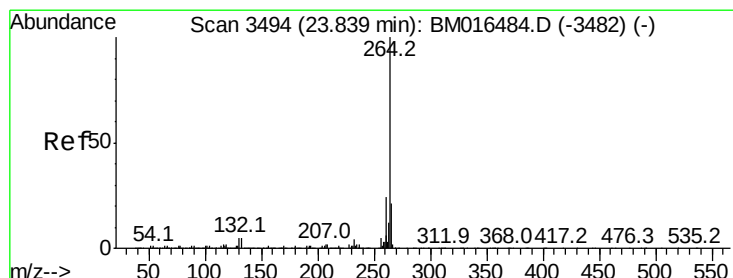
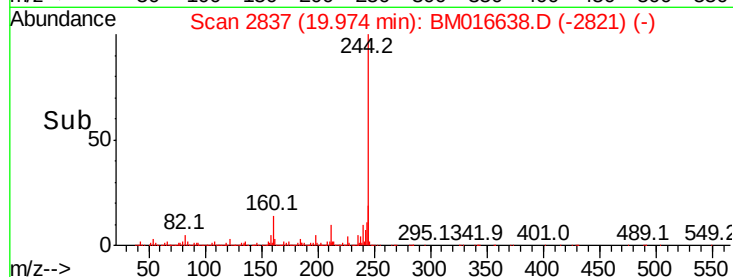
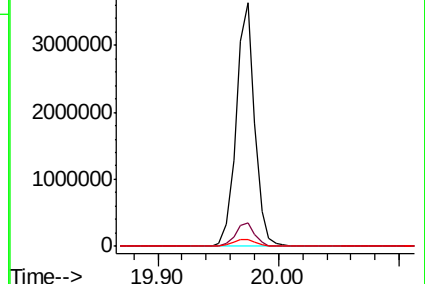
122 3.0 6.2 9.4#



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: BM016638.D

Acq: 31 Aug 2018 15:26

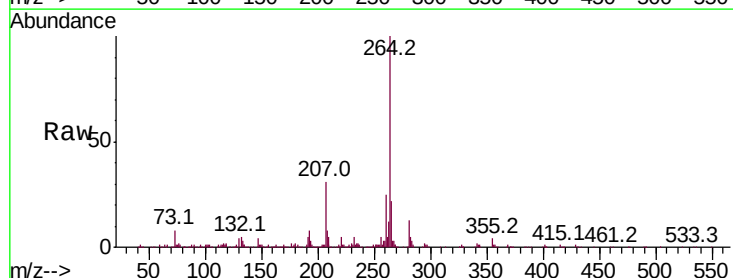
Tgt Ion:264 Resp: 750601

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

265 22.5 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

