

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016640.D
 Acq On : 31 Aug 2018 17:13
 Operator : SJ/JU
 Sample : PB112520BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112520BL

Quant Time: Sep 01 00:36:56 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	65719	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	210381	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	153203	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	502129	20.00	ng	0.00
75) Chrysene-d12	21.53	240	650693	20.00	ng	0.00
86) Perylene-d12	23.81	264	738097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	353257	105.33	ng	0.00
7) Phenol-d6	7.17	99	430935	97.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	376460	81.70	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	474331	110.76	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1153389	72.37	ng	0.00
78) Terphenyl-d14	19.97	244	3150593	102.48	ng	0.00

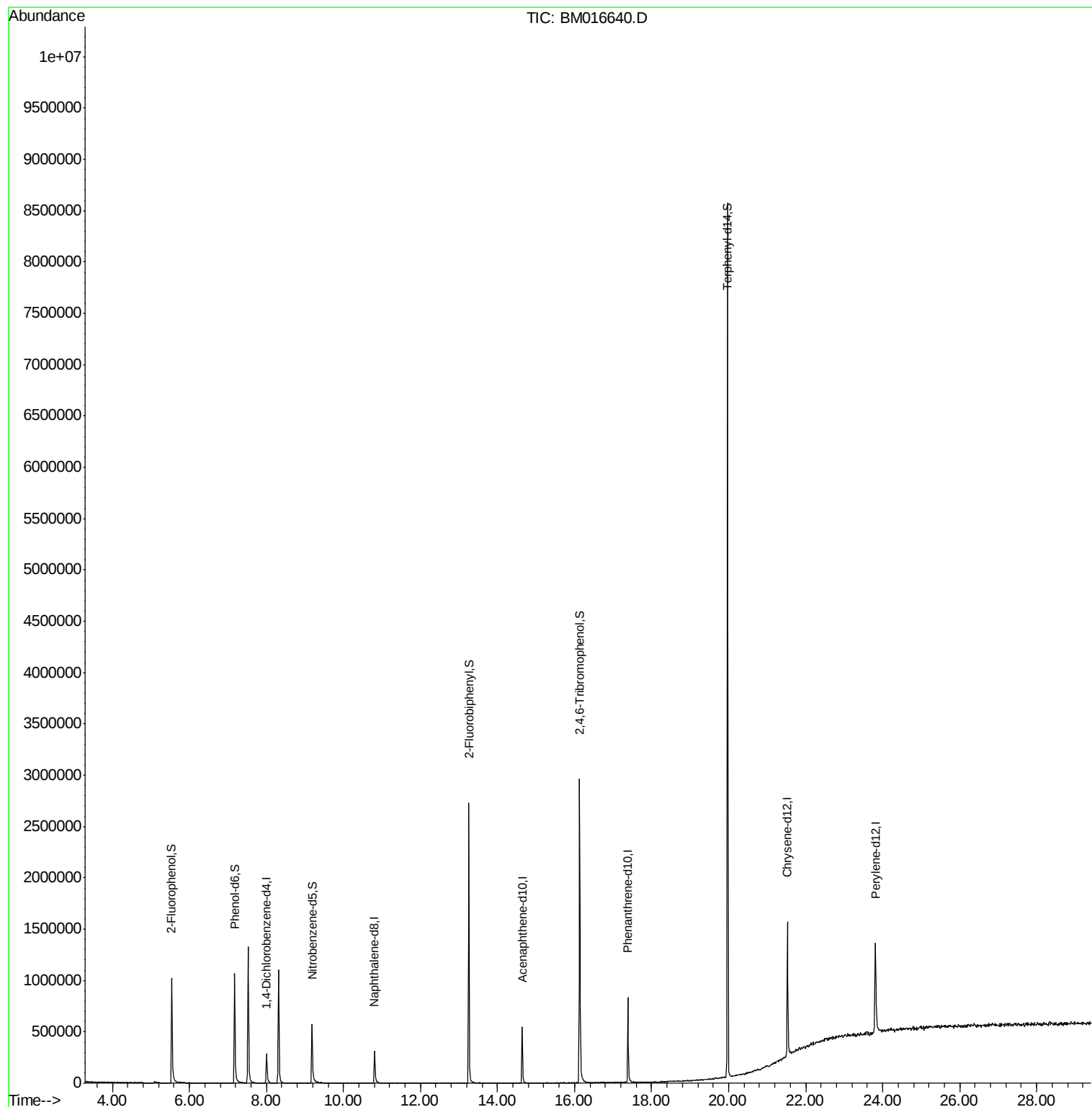
Target Compounds Qvalue

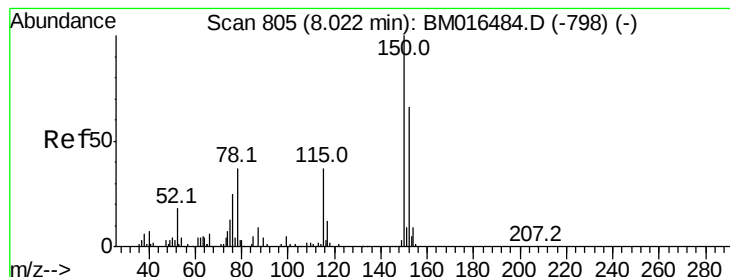
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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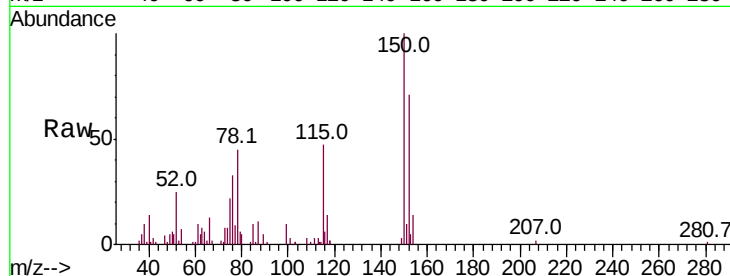


#1

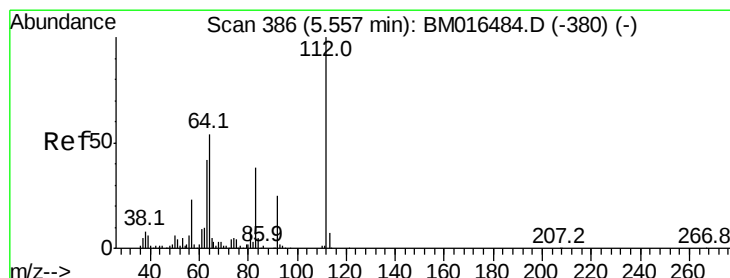
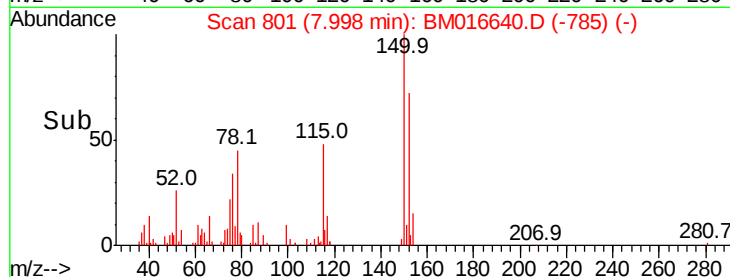
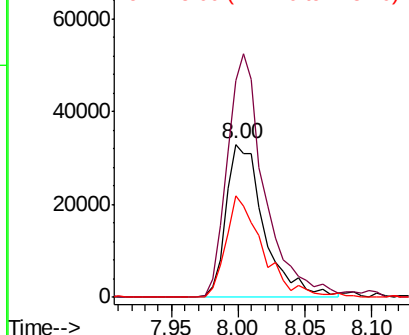
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
PB112520BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	119.5	179.3
115	66.6	43.0	64.4



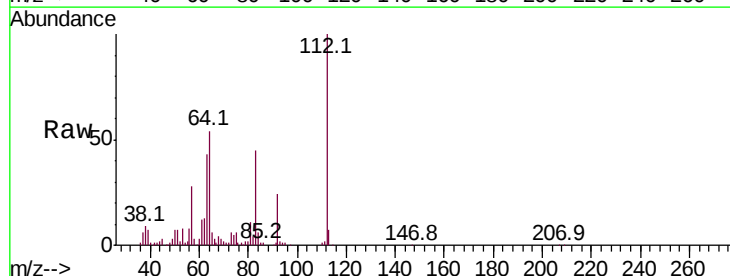
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



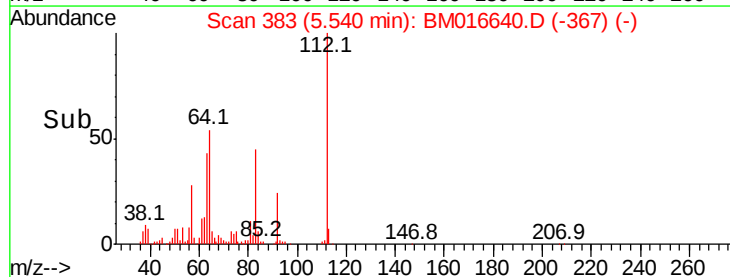
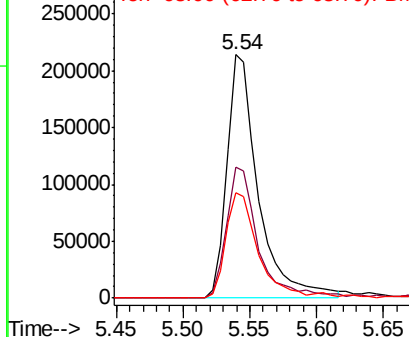
#5

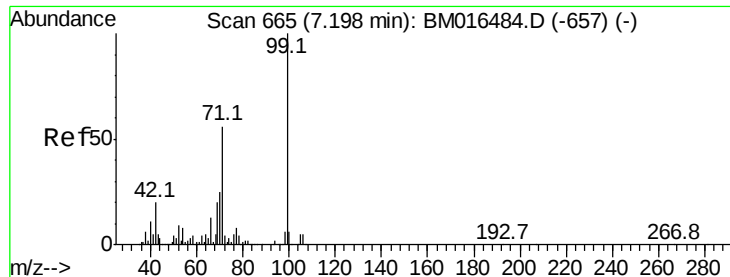
2-Fluorophenol
Concen: 105.333 ng
RT: 5.54 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	38.6	57.8
63	43.1	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: 97.103 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

Instrument :

BNA_M

ClientSampleId :

PB112520BL

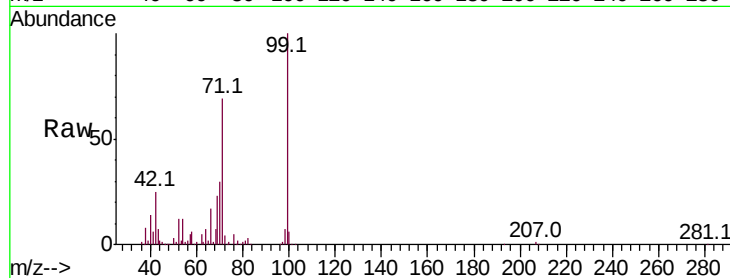
Tot Ion: 99 Resp: 430935

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

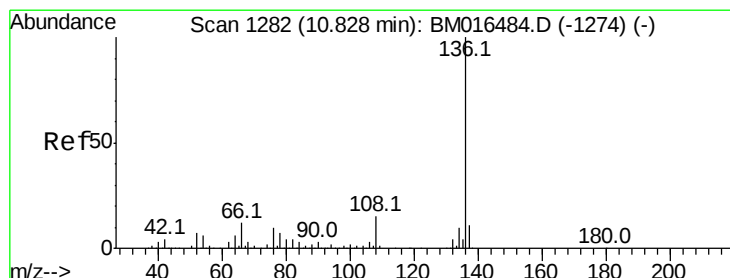
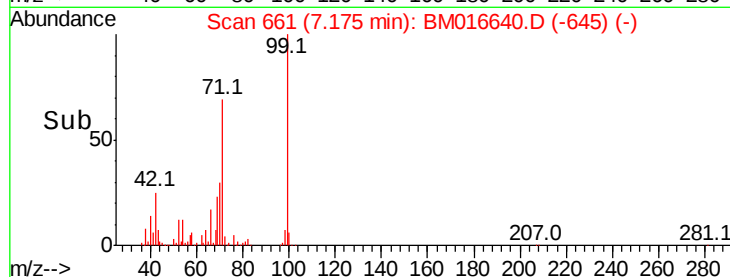
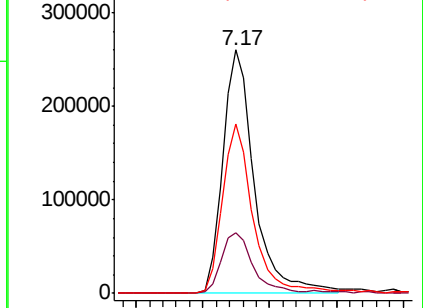
71 69.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016640.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016640.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016640.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

Tgt Ion: 136 Resp: 210381

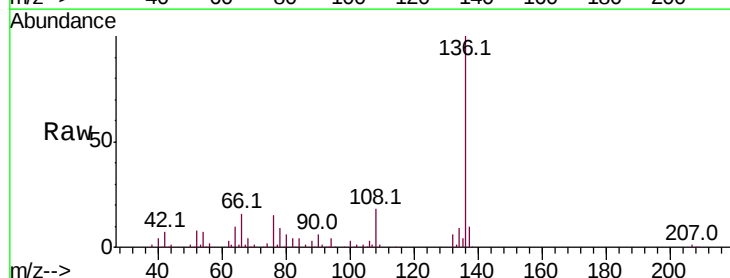
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 7.1 4.6 6.8#

68 4.2 3.7 5.5

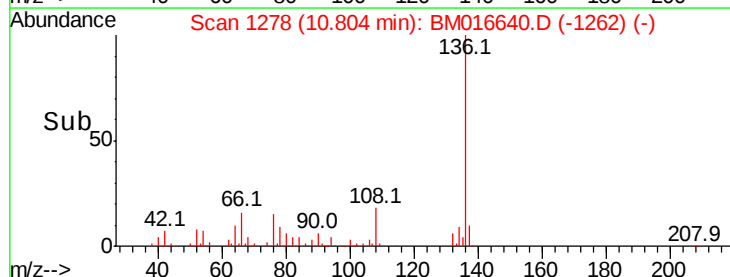
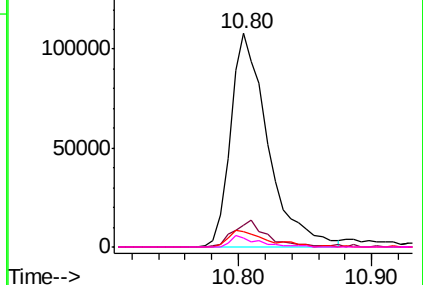


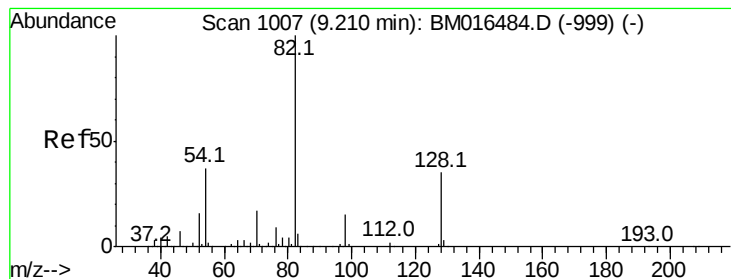
Abundance Ion 136.00 (135.70 to 136.70): BM016640.D (-1274) (-)

Ion 137.00 (136.70 to 137.70): BM016640.D (-1274) (-)

Ion 54.00 (53.70 to 54.70): BM016640.D (-1274) (-)

Ion 68.00 (67.70 to 68.70): BM016640.D (-1274) (-)





#23

Nitrobenzene-d5

Concen: 81.703 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

Instrument :

BNA_M

ClientSampleId :

PB112520BL

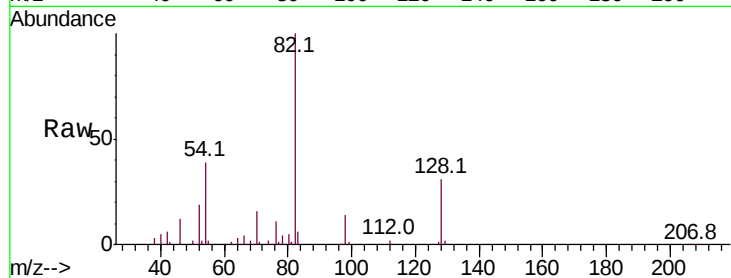
Tot Ion: 82 Resp: 376460

Ion Ratio Lower Upper

82 100

128 31.0 32.8 49.2#

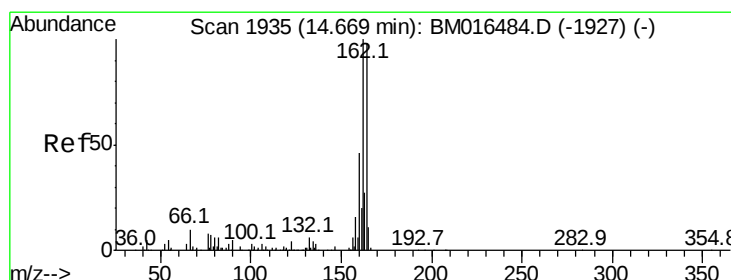
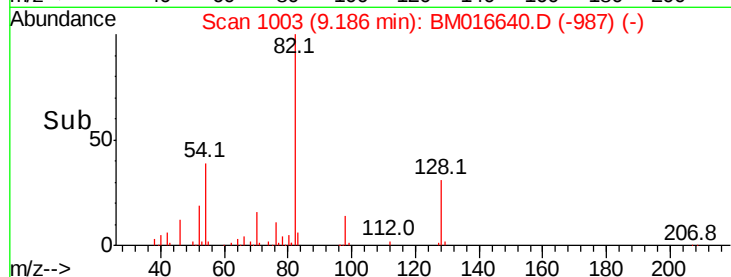
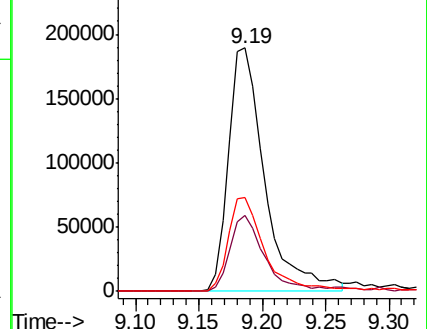
54 38.6 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016640.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016640.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016640.D (-999) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

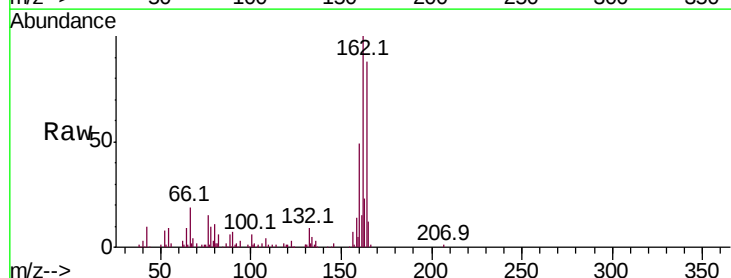
Tgt Ion: 164 Resp: 153203

Ion Ratio Lower Upper

164 100

162 114.3 82.4 123.6

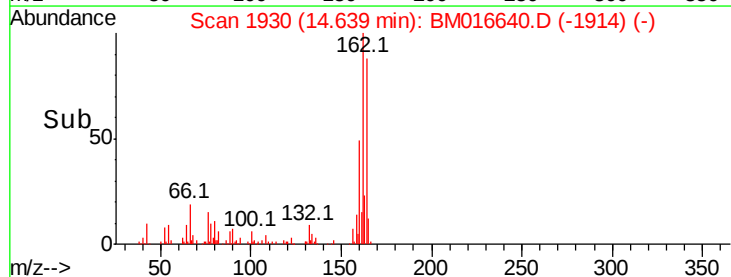
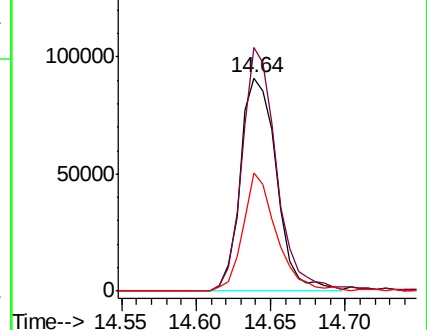
160 55.6 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): BM016640.D (-1914) (-)

Ion 162.00 (161.70 to 162.70): BM016640.D (-1914) (-)

Ion 160.00 (159.70 to 160.70): BM016640.D (-1914) (-)

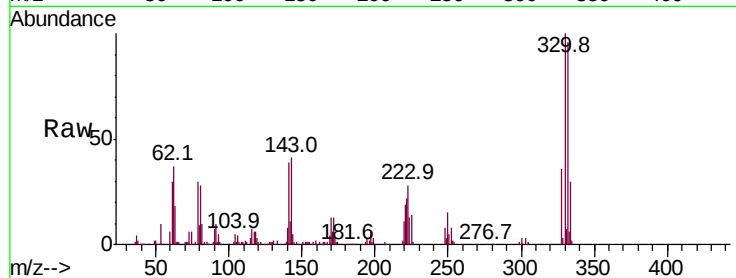




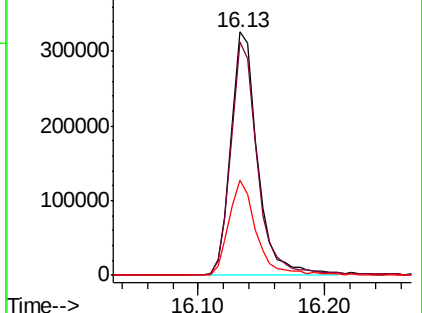
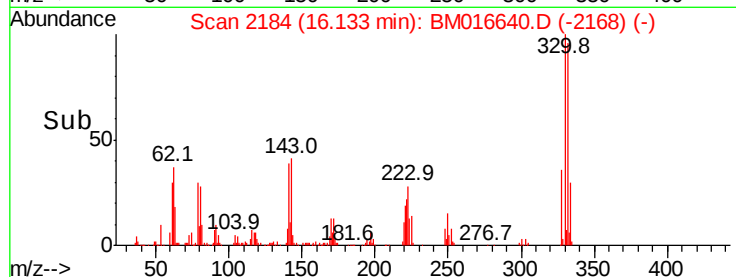
#41
2,4,6-Tribromophenol
Concen: 110.756 ng
RT: 16.13 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

Instrument :
BNA_M
ClientSampleId :
PB112520BL

Tot Ion:330 Resp: 474331
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 40.0 0.0 0.0#

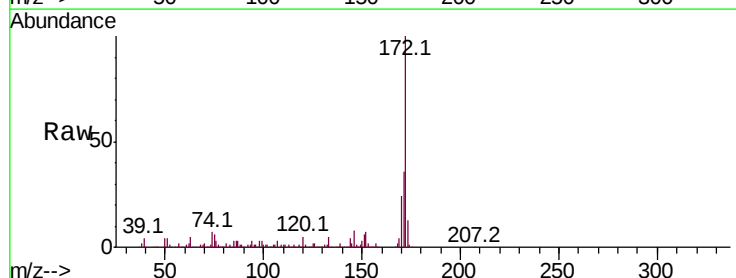


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

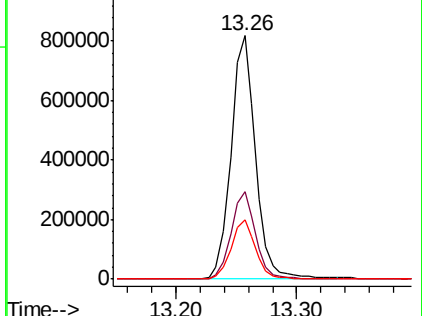
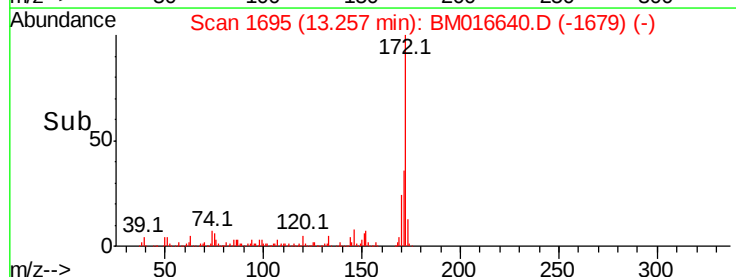


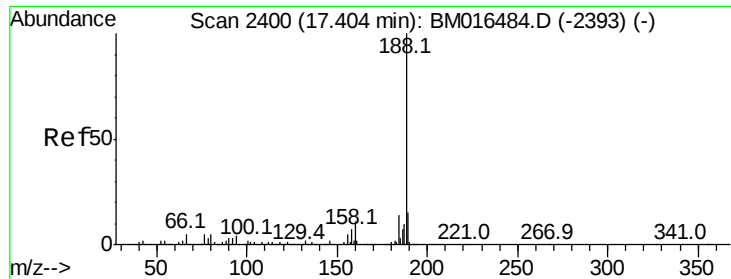
#44
2-Fluorobiphenyl
Concen: 72.366 ng
RT: 13.26 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

Tgt Ion:172 Resp: 1153389
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.5 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

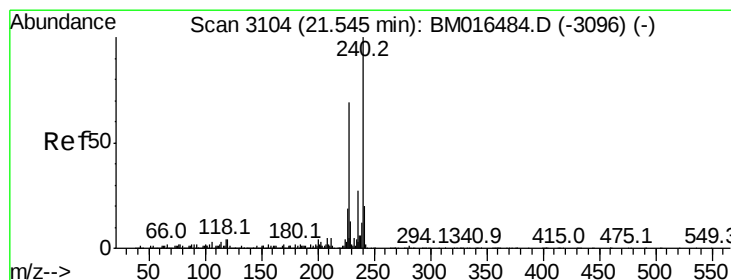
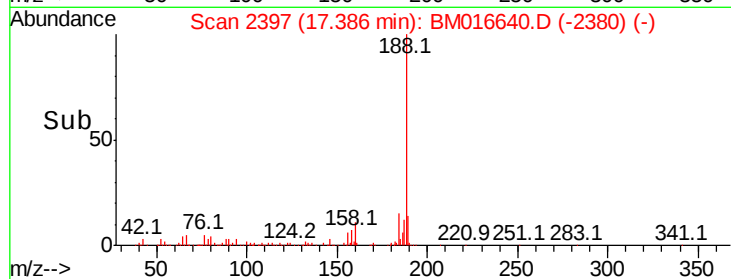
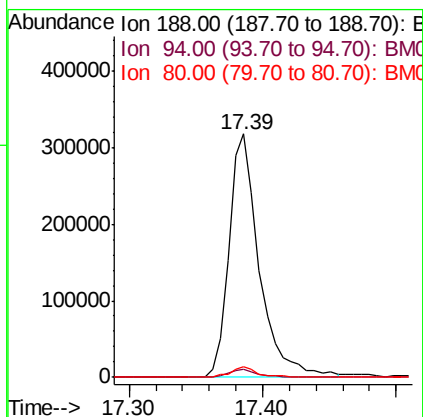
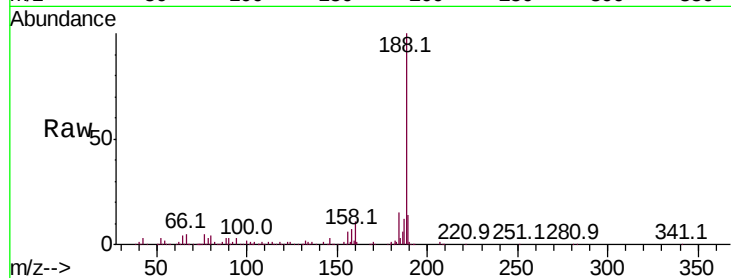




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

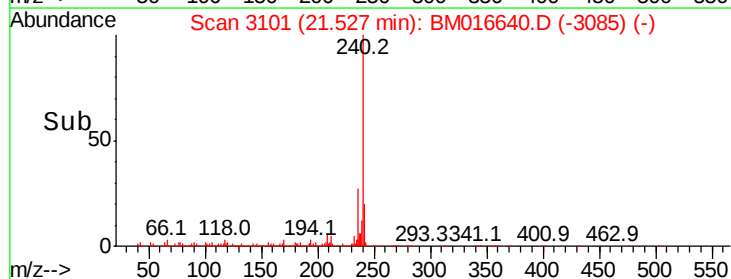
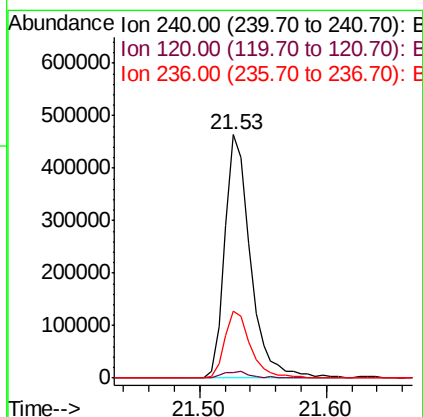
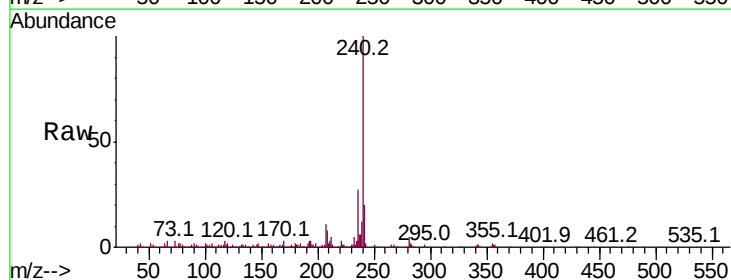
Instrument :
BNA_M
ClientSampleId :
PB112520BL

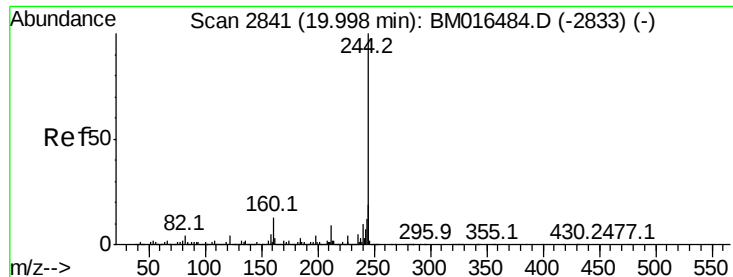
Tot Ion:188 Resp: 502129
Ion Ratio Lower Upper
188 100
94 3.4 8.7 13.1#
80 4.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016640.D
Acq: 31 Aug 2018 17:13

Tgt Ion:240 Resp: 650693
Ion Ratio Lower Upper
240 100
120 2.3 8.2 12.2#
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: 102.482 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

Instrument :

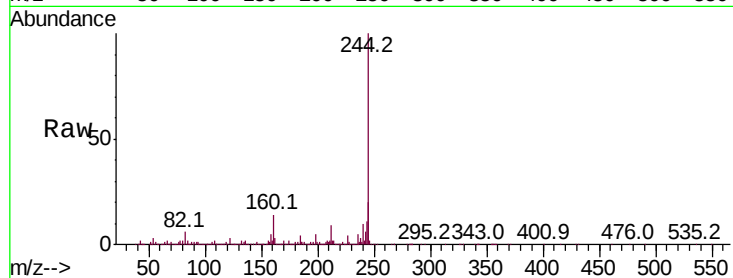
BNA_M

ClientSampleId :

PB112520BL

Tot Ion:244 Resp: 3150593

Ion	Ratio	Lower	Upper
244	100		
212	9.4	4.9	7.3#
122	3.4	6.2	9.4#

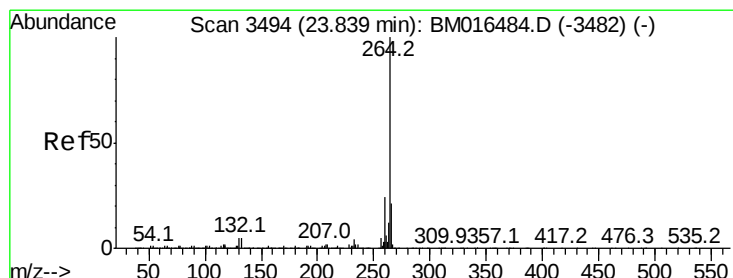
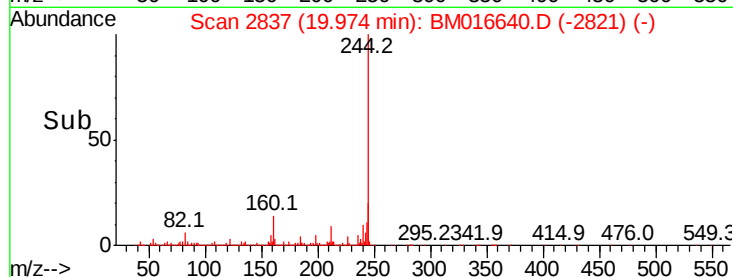
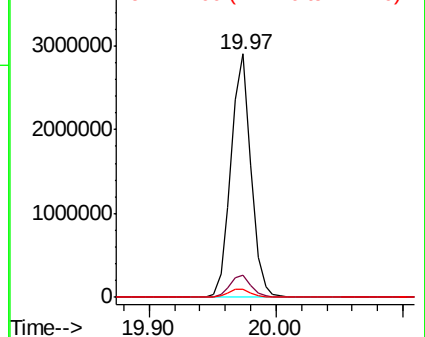


Abundance

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

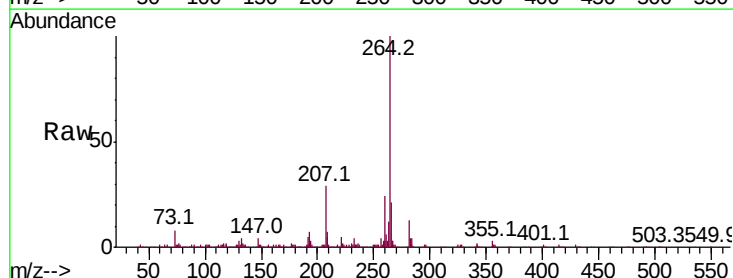
Delta R.T. -0.01 min

Lab File: BM016640.D

Acq: 31 Aug 2018 17:13

Tgt Ion:264 Resp: 738097

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	20.8	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

