

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016550.D
 Acq On : 23 Aug 2018 11:28
 Operator : SJ/JU
 Sample : J4573-04RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 23 13:10:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

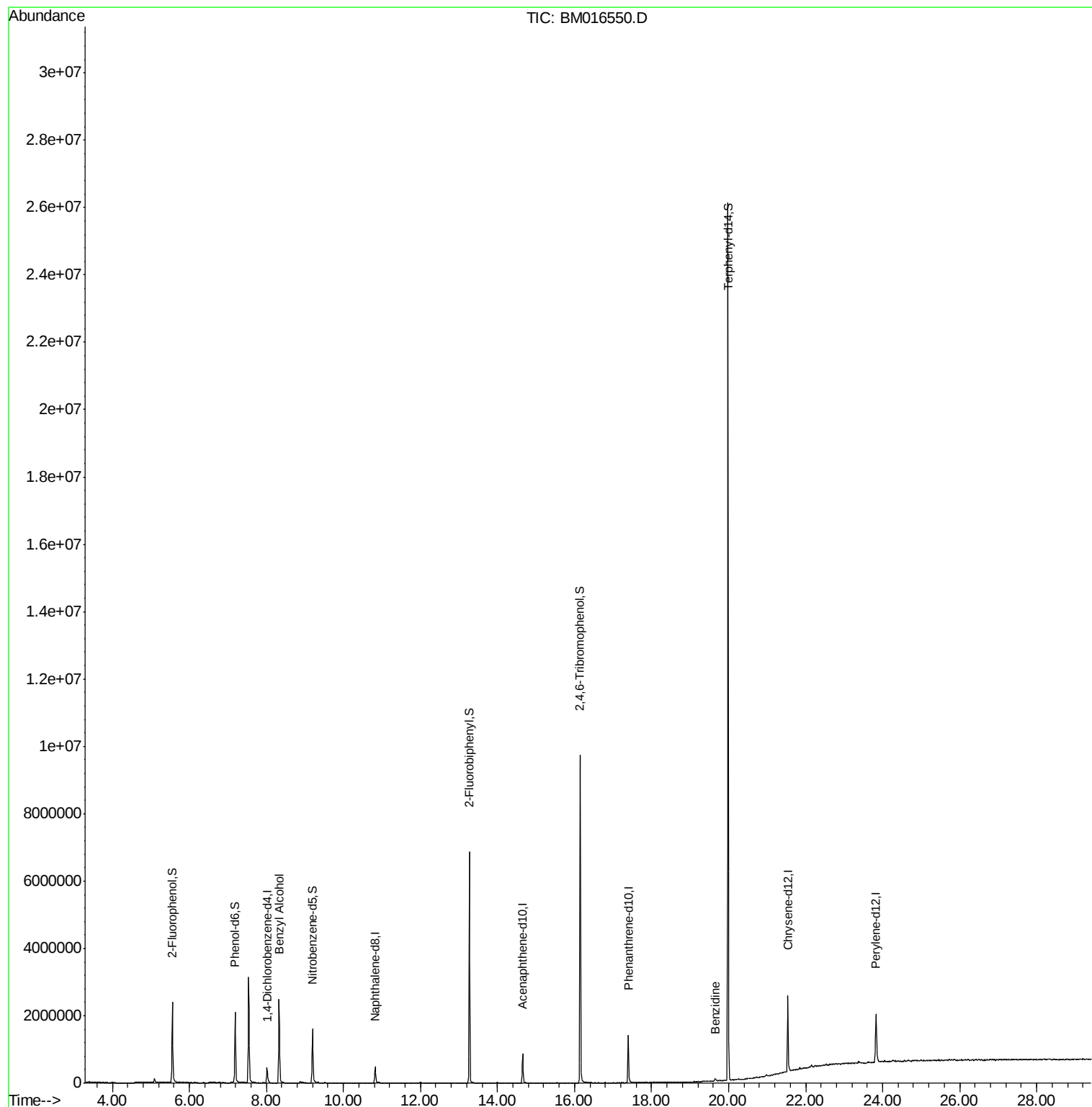
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	111489	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	333201	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	246544	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	831168	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1086528	20.00	ng	0.00
86) Perylene-d12	23.83	264	1209225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	783403	137.69	ng	0.00
7) Phenol-d6	7.19	99	854567	113.51	ng	-0.01
23) Nitrobenzene-d5	9.20	82	901065	123.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1619077	234.92	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	3078871	120.04	ng	-0.01
78) Terphenyl-d14	19.99	244	9504640	185.15	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.32	79	18840	2.695	ng	# 16
76) Benzidine	19.64	184	61140	2.926	ng	# 93

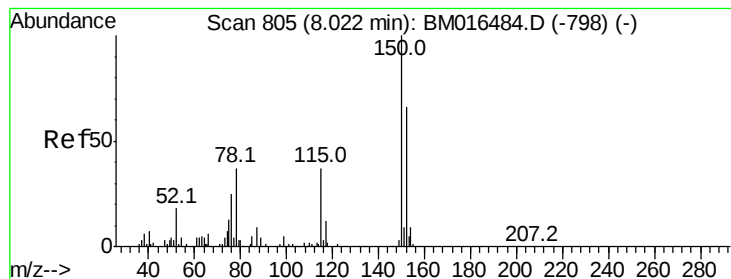
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 16:31:22 2018
Response via : Initial Calibration



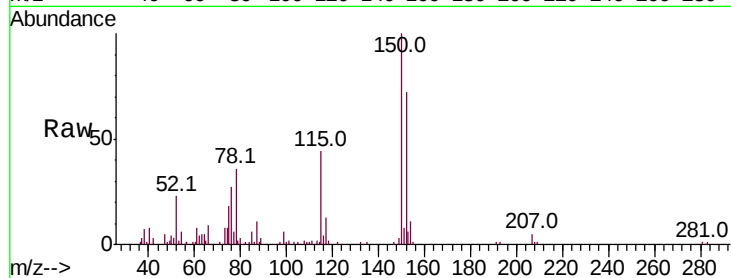


#1

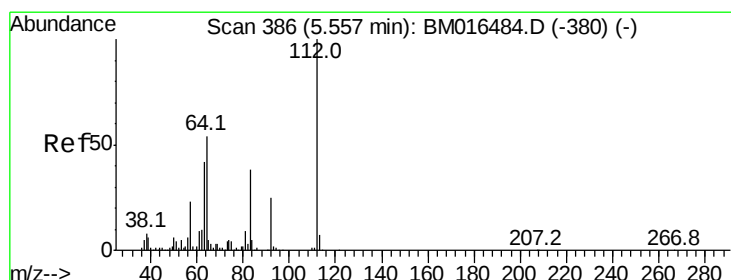
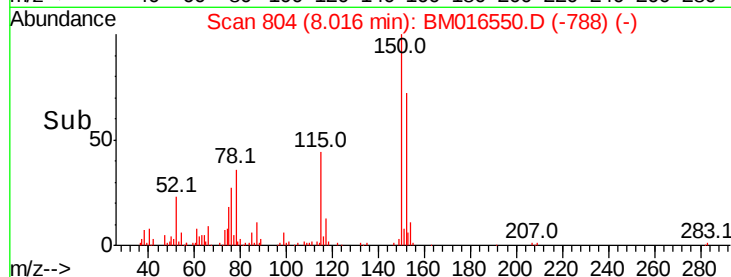
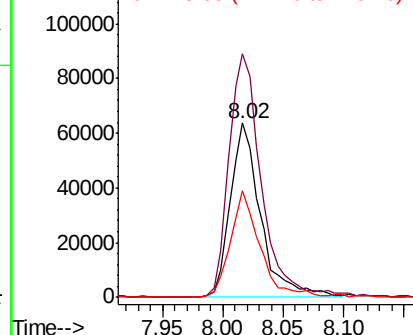
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.7	119.5	179.3
115	61.5	43.0	64.4



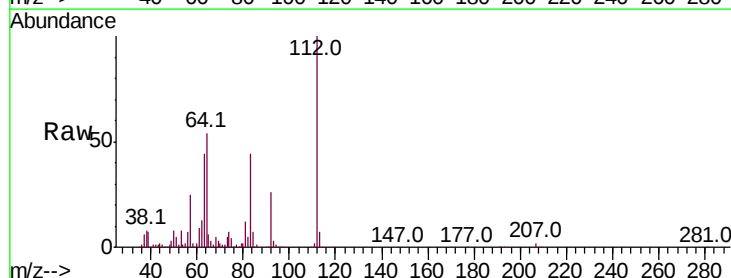
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



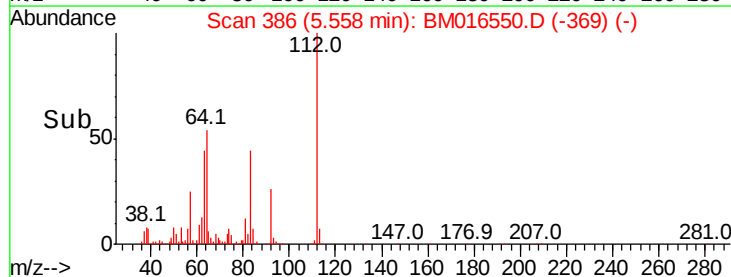
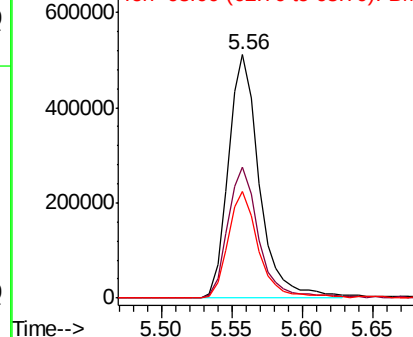
#5

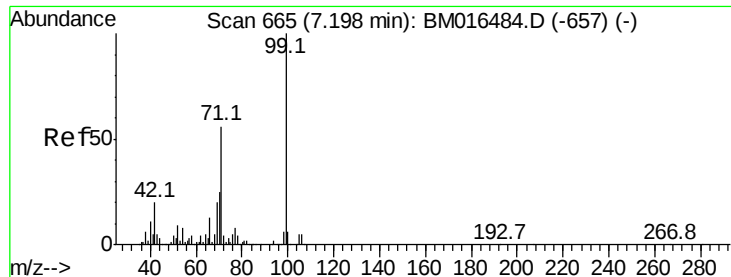
2-Fluorophenol
Concen: 137.695 ng
RT: 5.56 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	38.6	57.8
63	44.0	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: 113.508 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Instrument :

BNA_M

ClientSampleId :

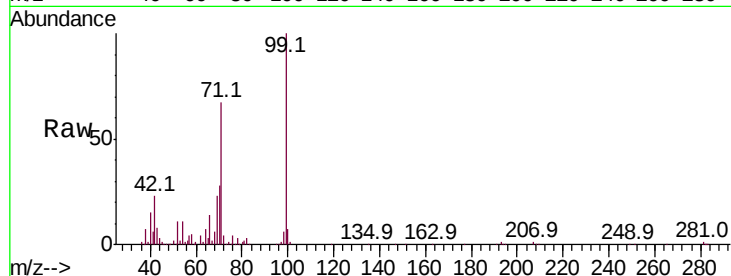
Tot Ion: 99 Resp: 854567

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 67.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

600000

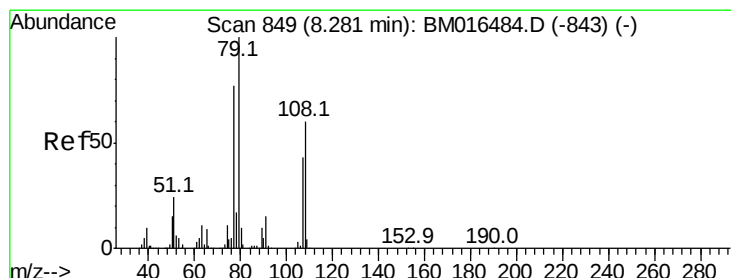
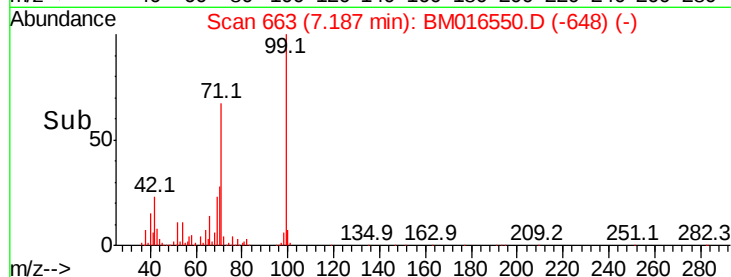
400000

200000

0

7.19

Time--> 7.10 7.15 7.20 7.25 7.30



#15

Benzyl Alcohol

Concen: 2.695 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.04 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

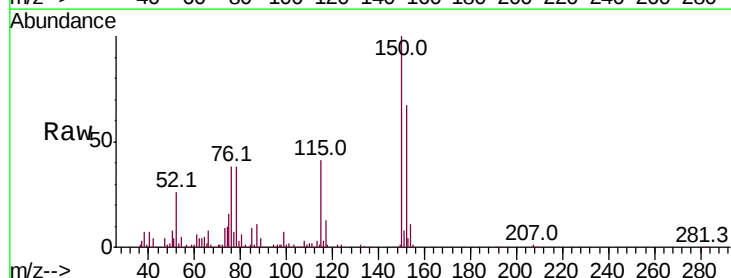
Tgt Ion: 79 Resp: 18840

Ion Ratio Lower Upper

79 100

108 79.8 65.0 97.4

77 214.4 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)

40000

30000

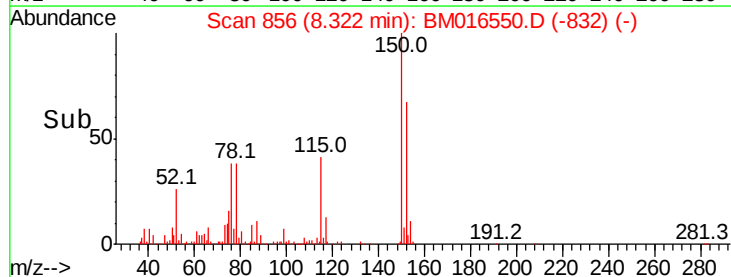
20000

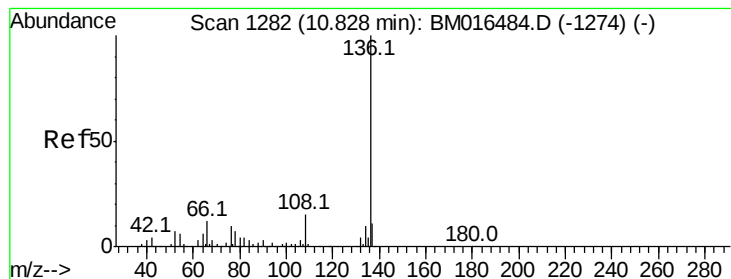
10000

0

8.32

Time--> 8.30 8.35





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 333201

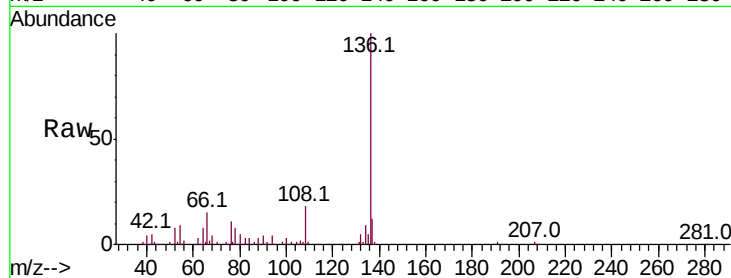
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 9.2 4.6 6.8#

68 3.8 3.7 5.5

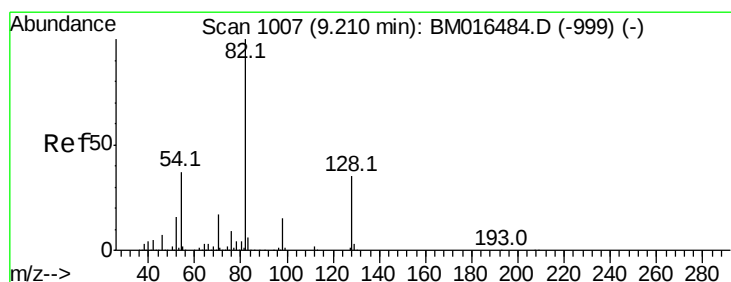
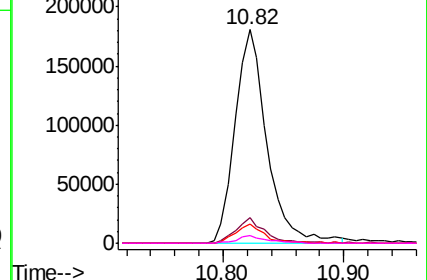
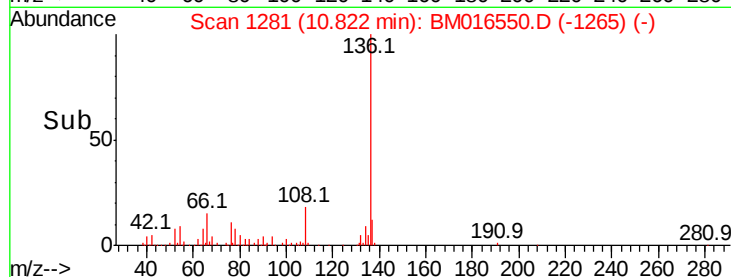


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 123.474 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

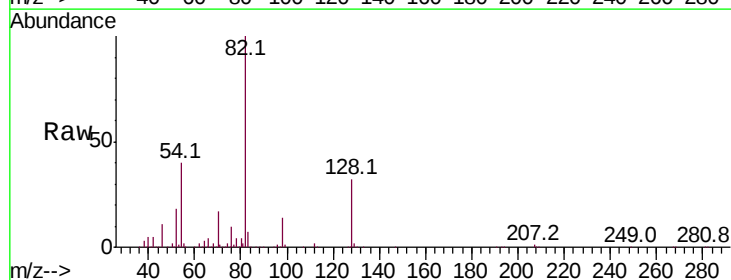
Tgt Ion: 82 Resp: 901065

Ion Ratio Lower Upper

82 100

128 31.9 32.8 49.2#

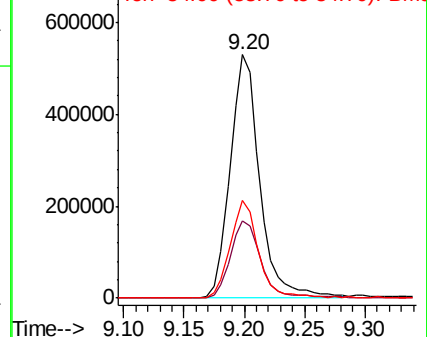
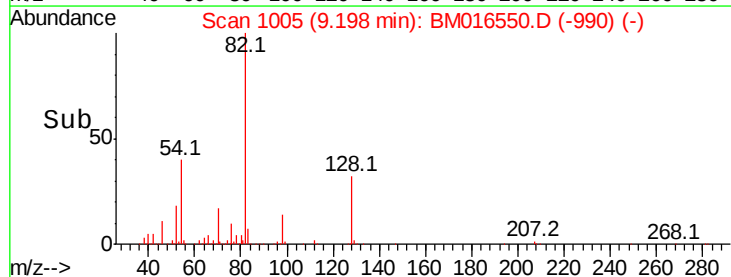
54 40.3 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

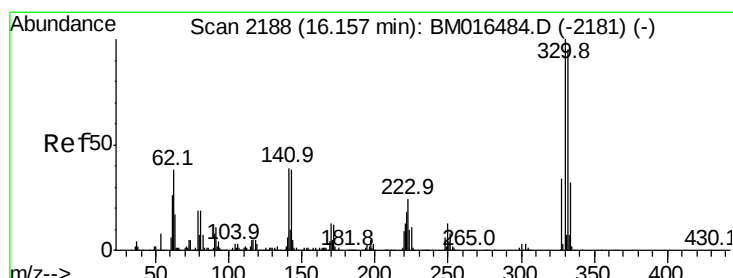
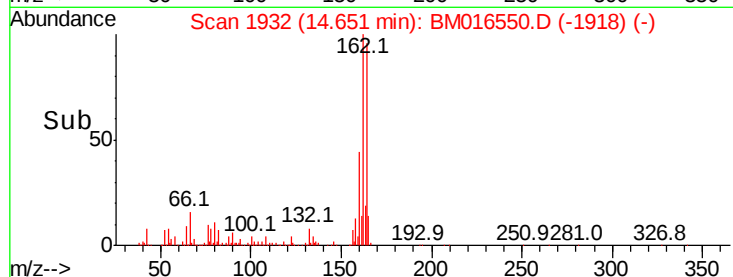
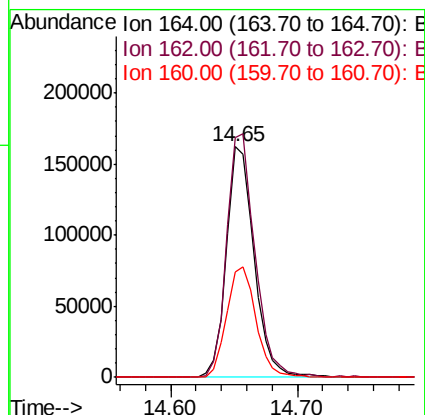
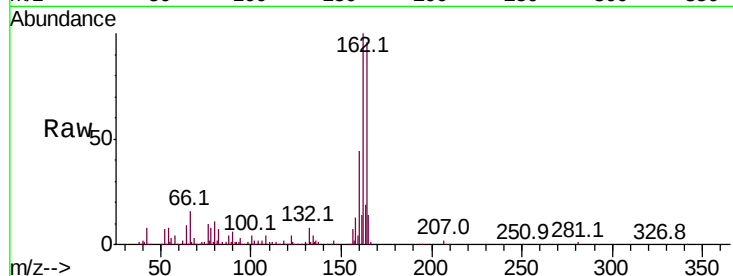




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

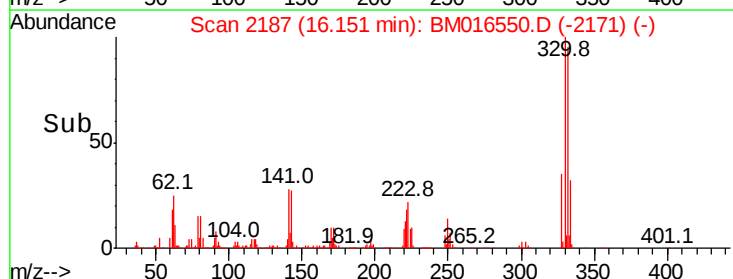
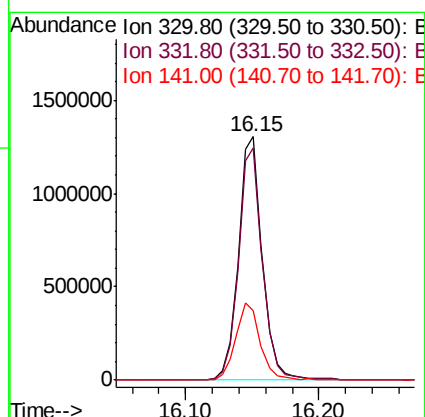
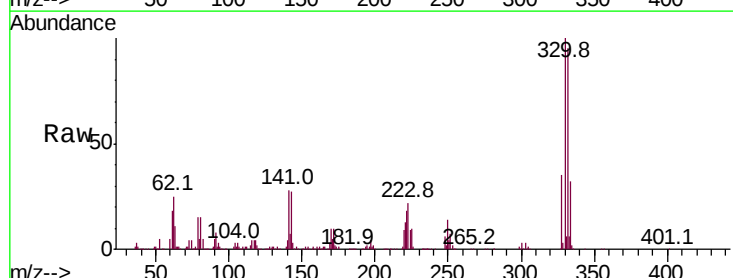
Instrument :
BNA_M
ClientSampleId :

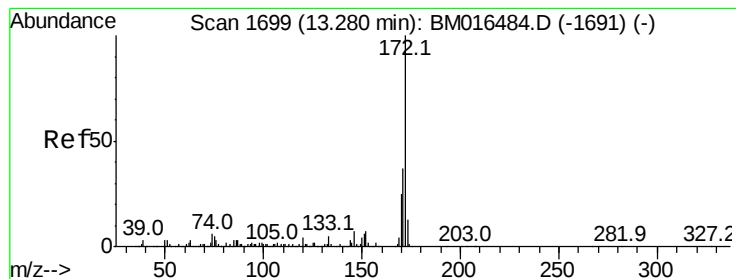
Tot Ion:164 Resp: 246544
Ion Ratio Lower Upper
164 100
162 104.0 82.4 123.6
160 45.6 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: 234.923 ng
RT: 16.15 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM016550.D
Acq: 23 Aug 2018 11:28

Tgt Ion:330 Resp: 1619077
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 32.9 0.0 0.0#



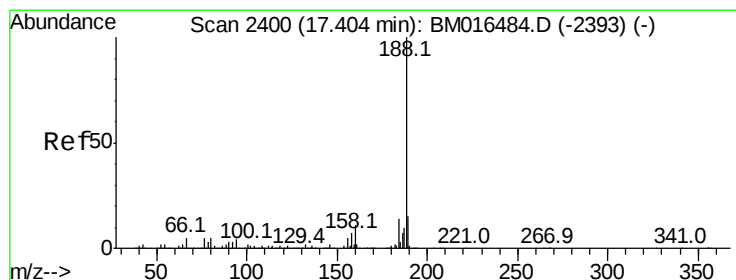
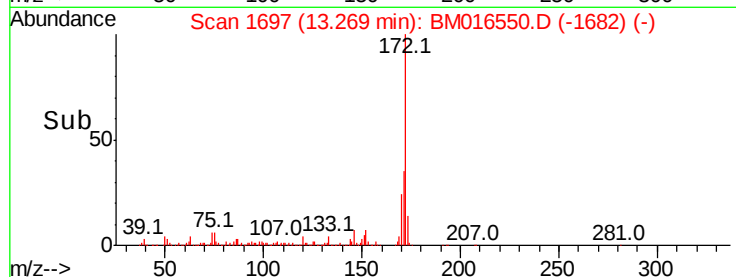
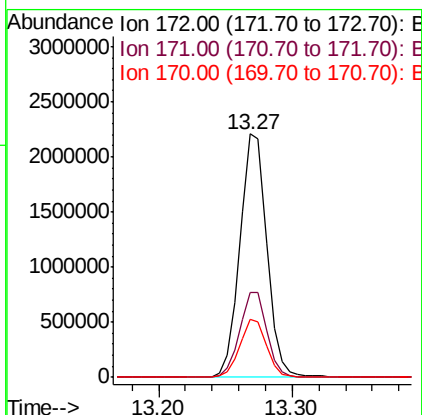
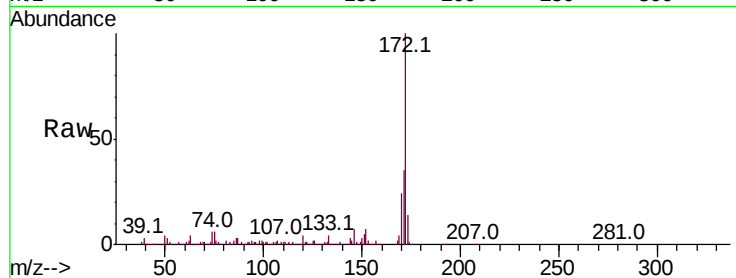


#44
 2-Fluorobiphenyl
 Concen: 120.039 ng
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:172 Resp: 3078871

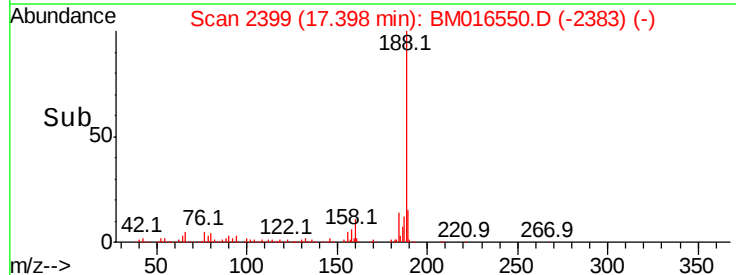
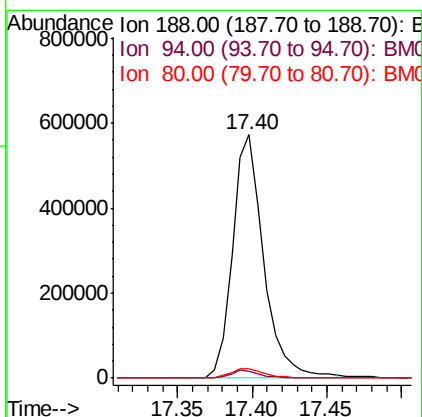
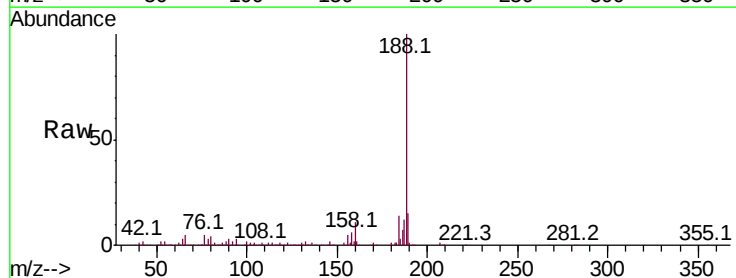
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.7	18.8	28.2

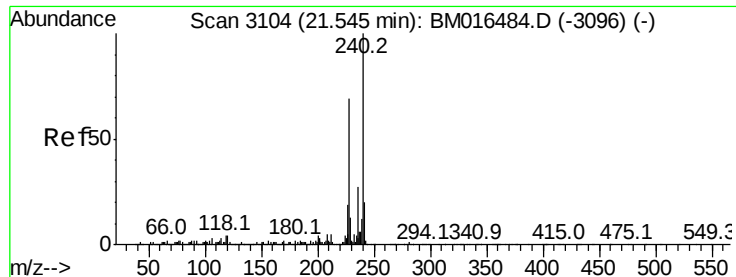


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM016550.D
 Acq: 23 Aug 2018 11:28

Tgt Ion:188 Resp: 831168

Ion	Ratio	Lower	Upper
188	100		
94	2.6	8.7	13.1#
80	4.1	9.3	13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

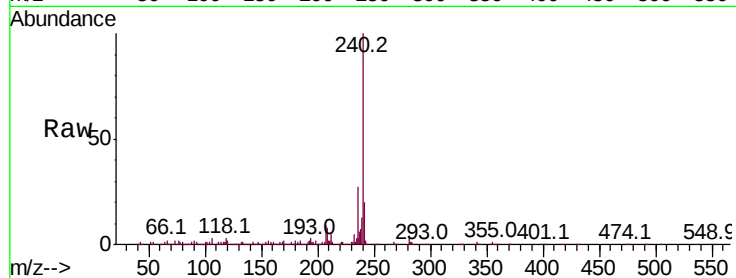
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1086528

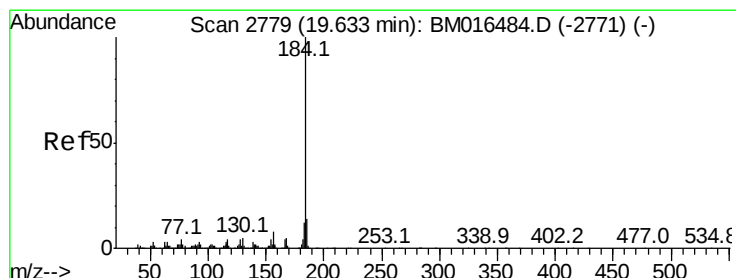
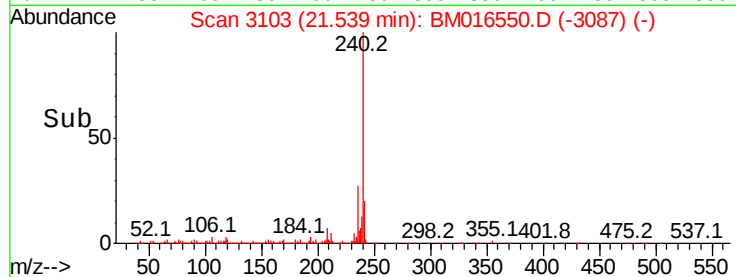
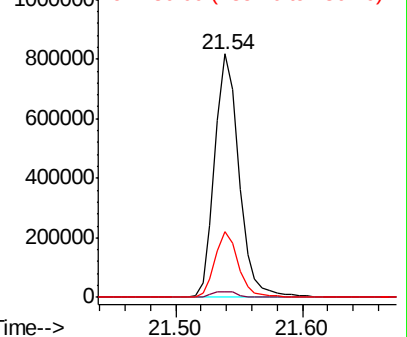
Ion	Ratio	Lower	Upper
240	100		
120	2.5	8.2	12.2#
236	26.8	20.0	30.0



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



#76

Benzidine

Concen: 2.926 ng

RT: 19.64 min Scan# 2781

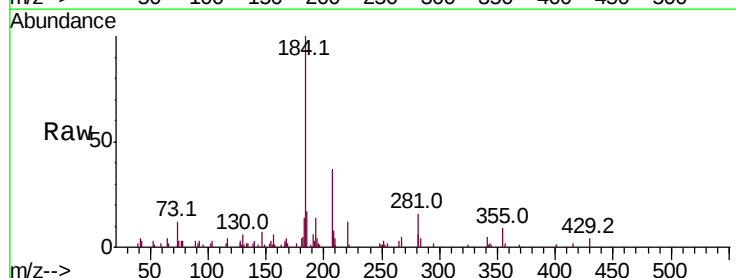
Delta R.T. 0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Tgt Ion:184 Resp: 61140

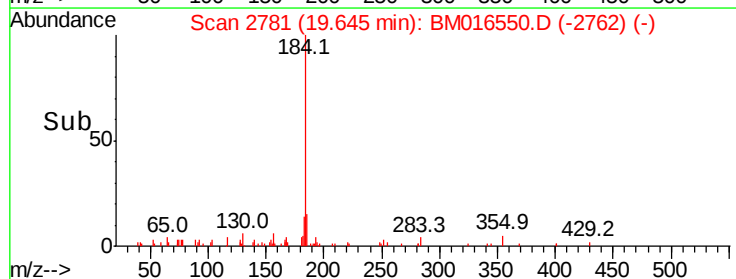
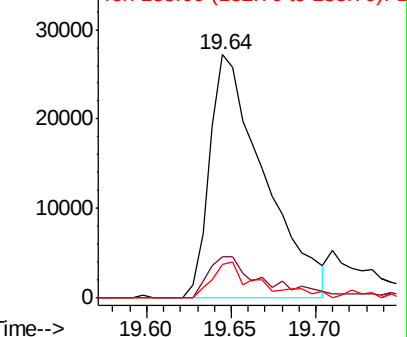
Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.3	16.9
183	14.0	8.9	13.3#

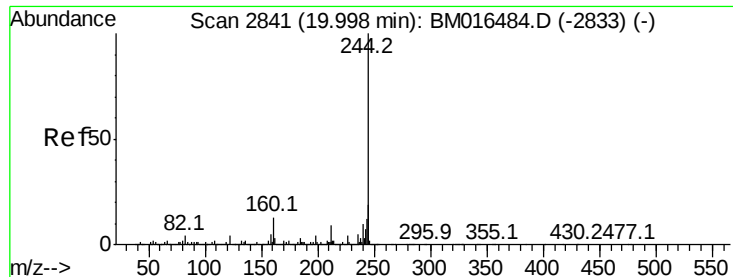


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 185.152 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

Instrument :

BNA_M

ClientSampled :

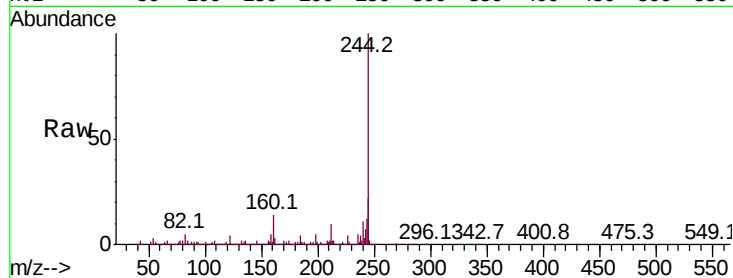
Tot Ion:244 Resp: 9504640

Ion Ratio Lower Upper

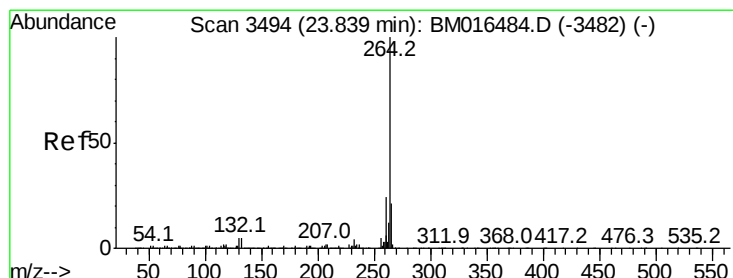
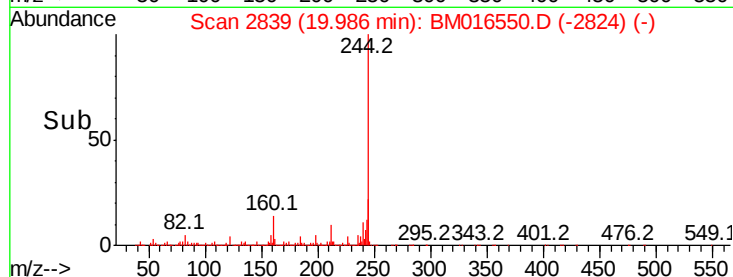
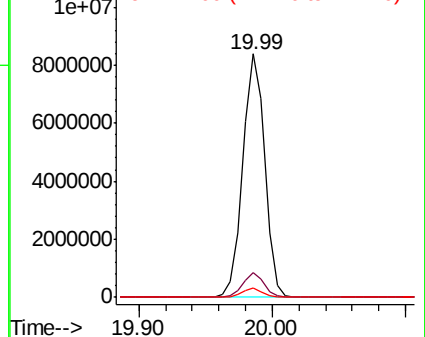
244 100

212 10.3 4.9 7.3#

122 3.6 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: 23.83 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM016550.D

Acq: 23 Aug 2018 11:28

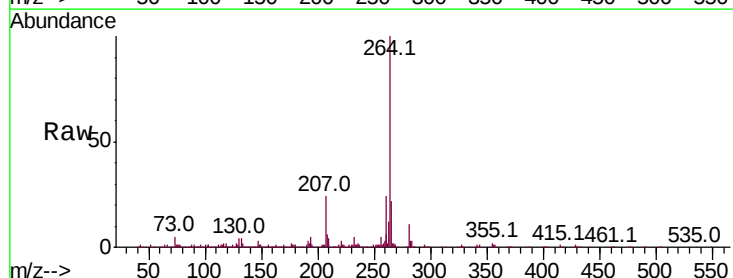
Tgt Ion:264 Resp: 1209225

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.7 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

