

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090618\
 Data File : BM016699.D
 Acq On : 06 Sep 2018 23:48
 Operator : SJ/JU
 Sample : J4798-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 090418-DBRI-E-U-M

Quant Time: Sep 07 07:21:22 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

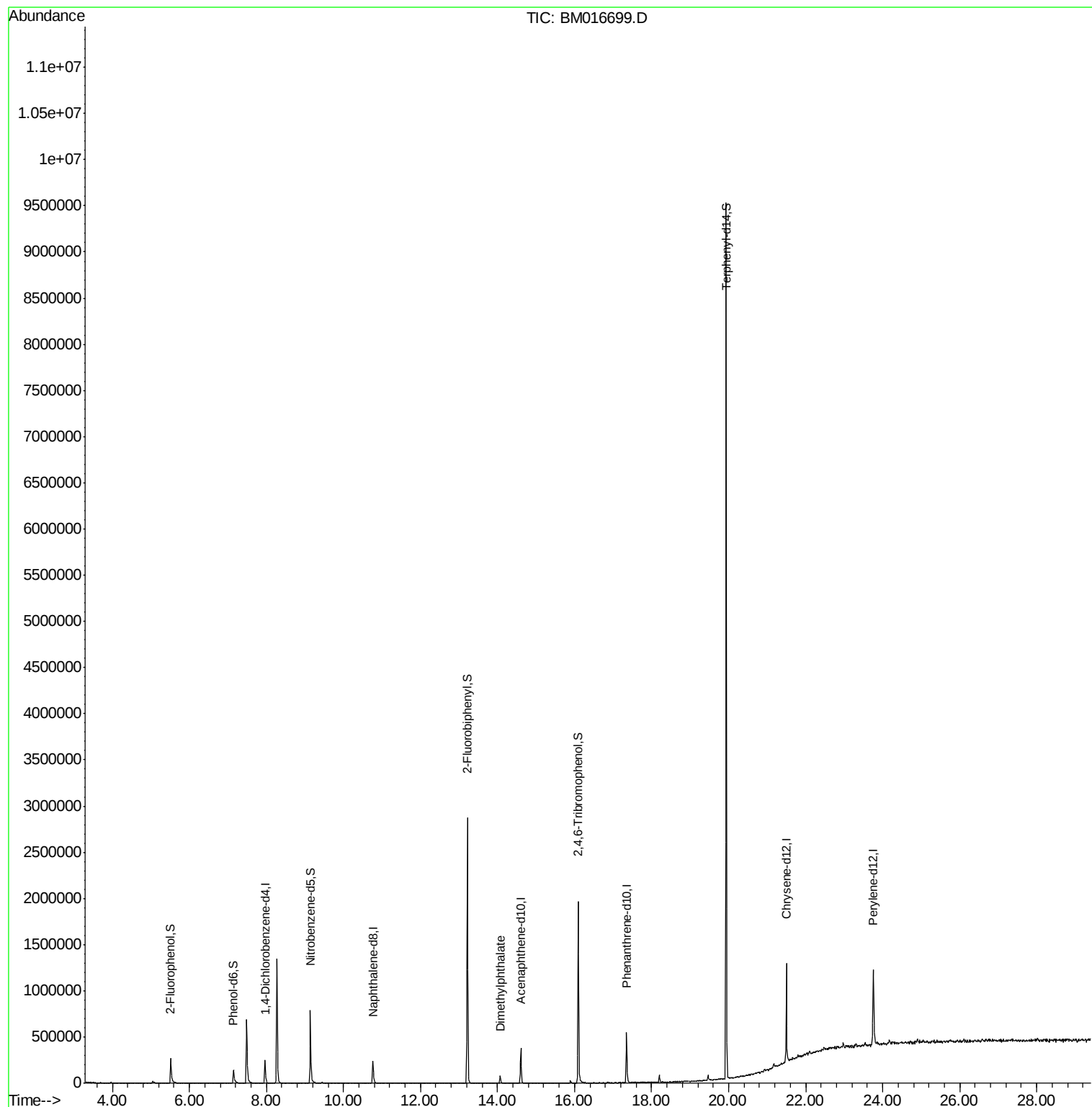
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	45707	20.00	ng	-0.04
21) Naphthalene-d8	10.76	136	151655	20.00	ng	-0.05
38) Acenaphthene-d10	14.60	164	93135	20.00	ng	-0.04
63) Phenanthrene-d10	17.34	188	317459	20.00	ng	-0.04
75) Chrysene-d12	21.50	240	499035	20.00	ng	-0.04
86) Perylene-d12	23.76	264	594969	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	89135	38.21	ng	-0.03
7) Phenol-d6	7.15	99	63604	20.61	ng	-0.04
23) Nitrobenzene-d5	9.15	82	423172	127.41	ng	-0.05
41) 2,4,6-Tribromophenol	16.10	330	273658	105.11	ng	-0.04
44) 2-Fluorobiphenyl	13.22	172	1120389	115.63	ng	-0.05
78) Terphenyl-d14	19.94	244	3218268	136.50	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.07	163	48905	5.466	ng	Qvalue # 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.04 min

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Instrument :

BNA_M

ClientSampleId :

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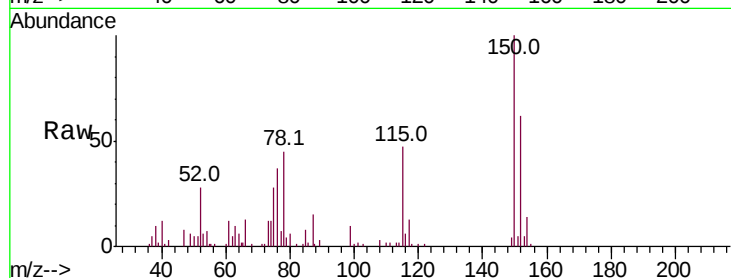
Tot Ion:152 Resp: 45707

Ion Ratio Lower Upper

152 100

150 161.0 119.5 179.3

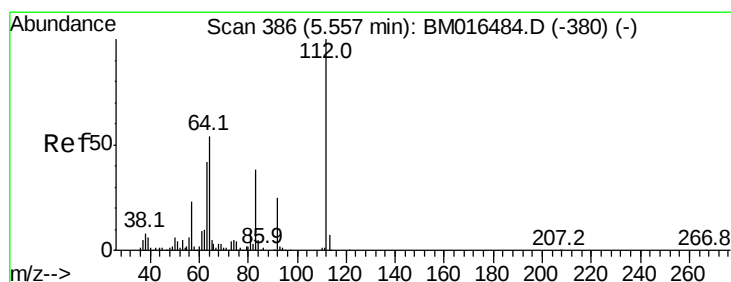
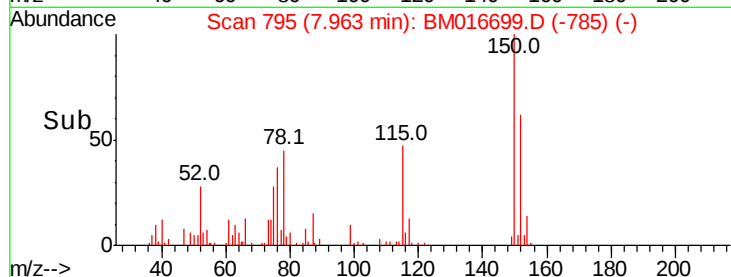
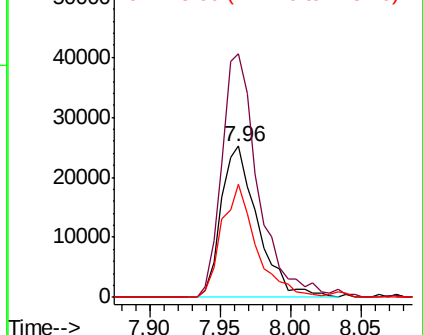
115 75.1 43.0 64.4#



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: 38.215 ng

RT: 5.52 min Scan# 379

Delta R.T. -0.03 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

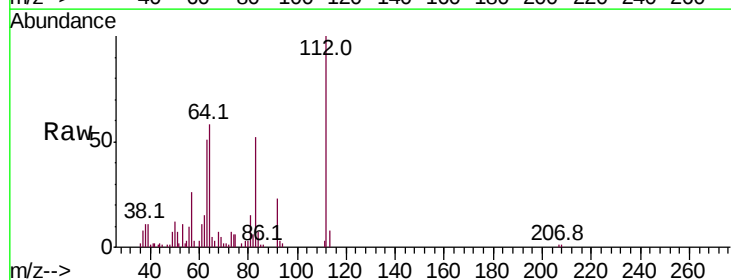
Tgt Ion:112 Resp: 89135

Ion Ratio Lower Upper

112 100

64 57.7 38.6 57.8

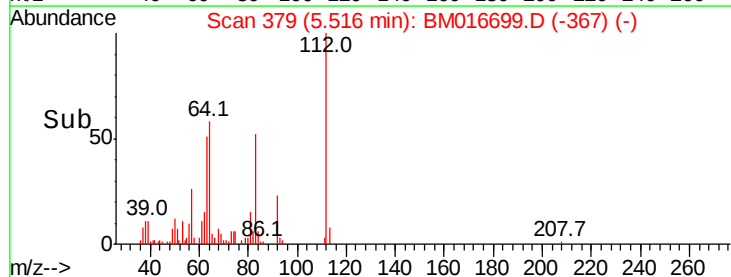
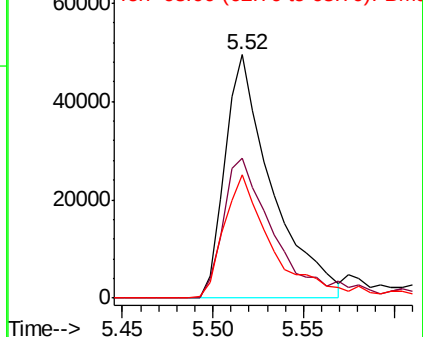
63 50.8 19.3 28.9#

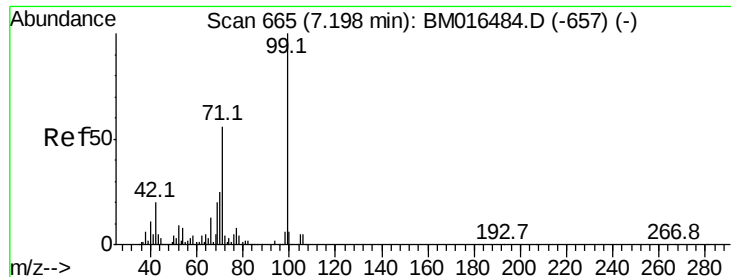


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 20.607 ng

RT: 7.15 min Scan# 656

Delta R.T. -0.04 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

Instrument :

BNA_M

ClientSampleId :

090418-DBRI-E-U-M

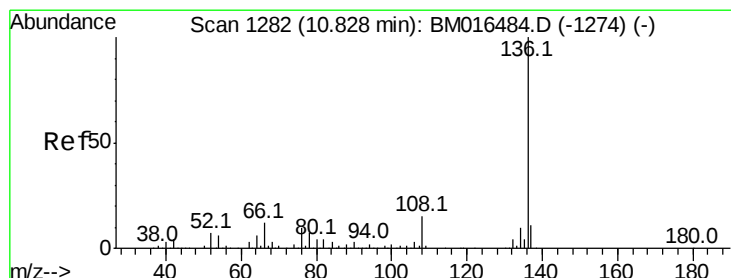
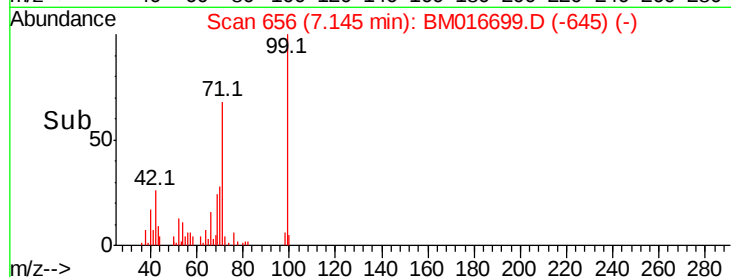
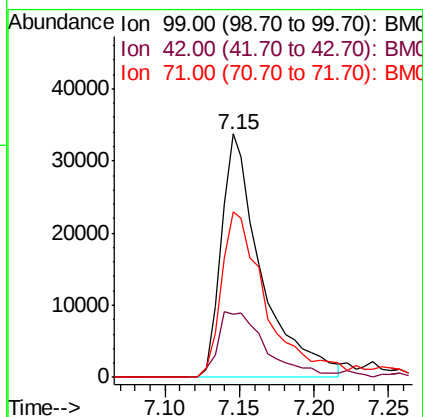
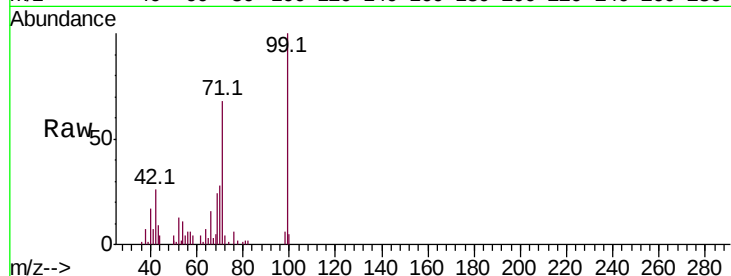
Tot Ion: 99 Resp: 63604

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

71 68.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.05 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

Tgt Ion: 136 Resp: 151655

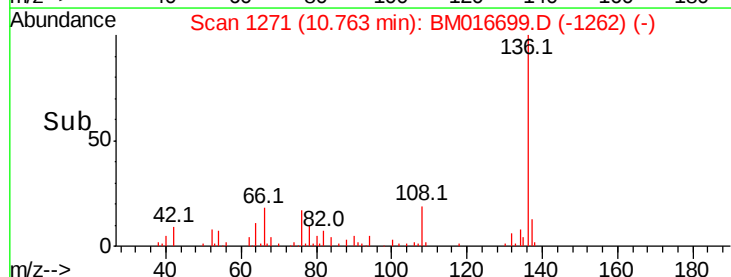
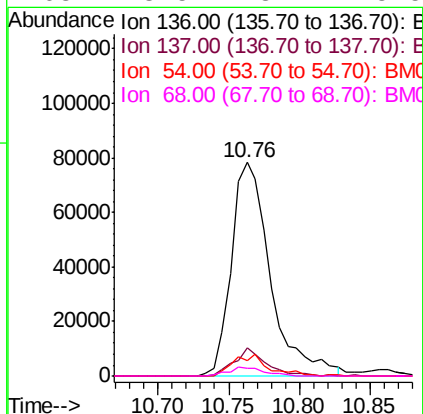
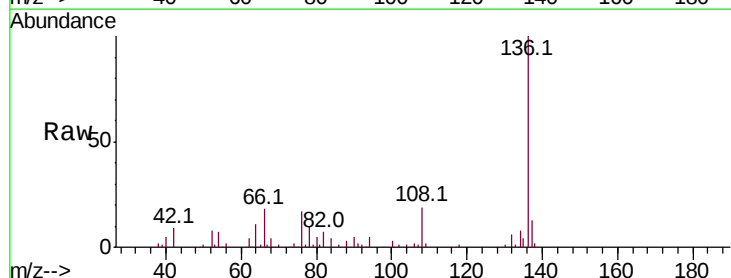
Ion Ratio Lower Upper

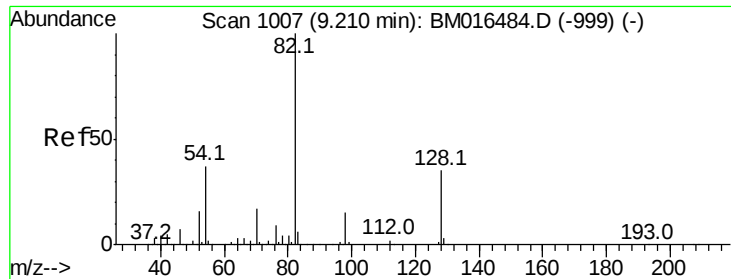
136 100

137 13.4 8.7 13.1#

54 7.0 4.6 6.8#

68 3.5 3.7 5.5#

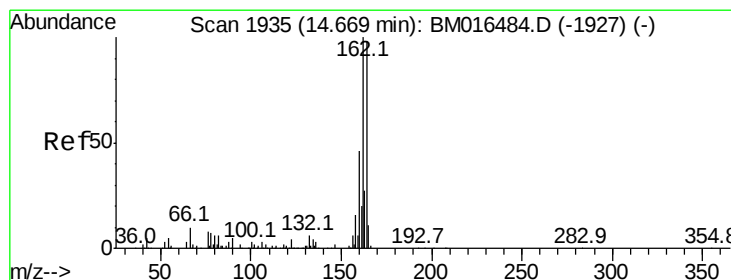
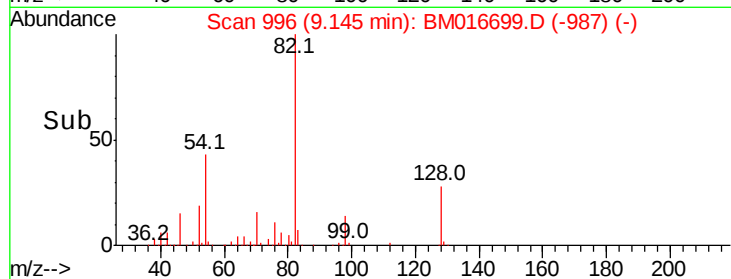
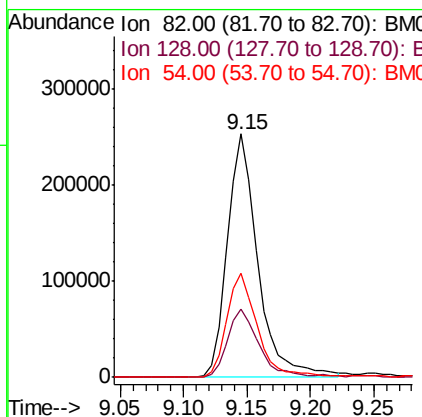
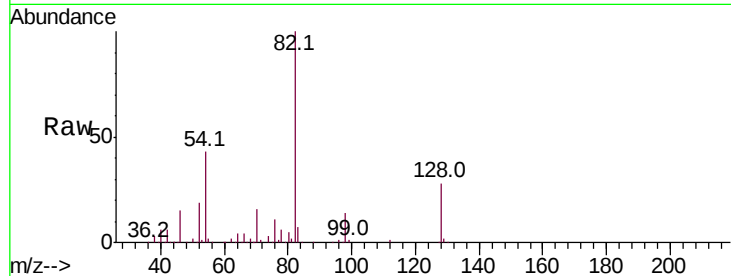




#23
Nitrobenzene-d5
Concen: 127.405 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.05 min
Lab File: BM016699.D
Acq: 06 Sep 2018 23:48

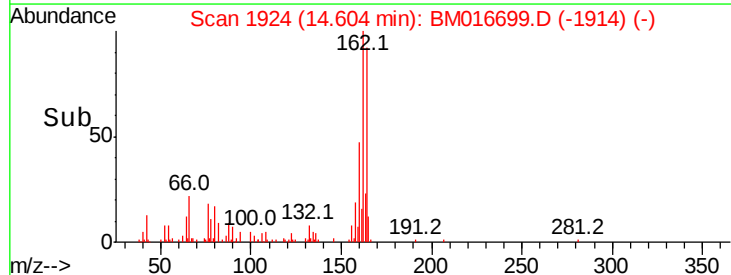
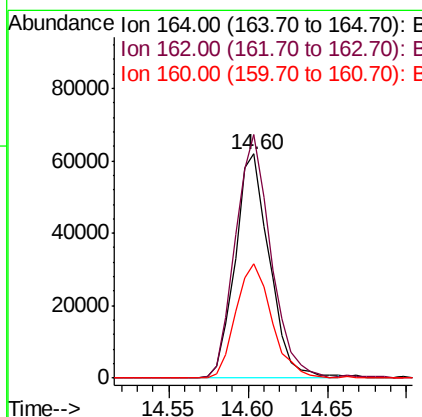
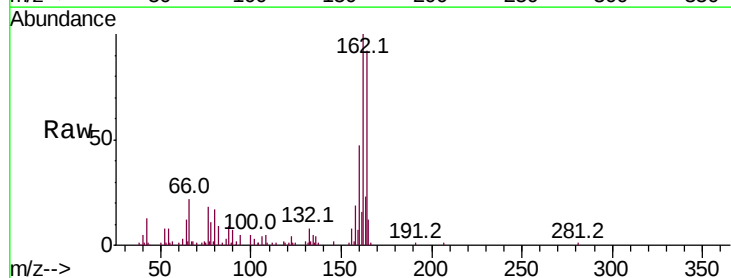
Instrument :
BNA_M
ClientSampleId :
090418-DBRI-E-U-M

Tot Ion	82	Resp	423172
Ion Ratio	Lower	Upper	
82	100		
128	27.9	32.8	49.2#
54	42.6	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1924
Delta R.T. -0.04 min
Lab File: BM016699.D
Acq: 06 Sep 2018 23:48

Tgt Ion	164	Resp	93135
Ion Ratio	Lower	Upper	
164	100		
162	108.6	82.4	123.6
160	51.2	35.8	53.6

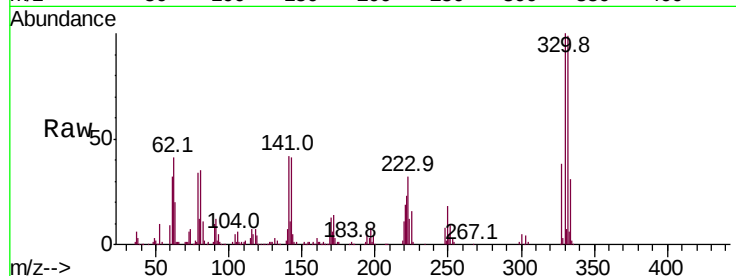




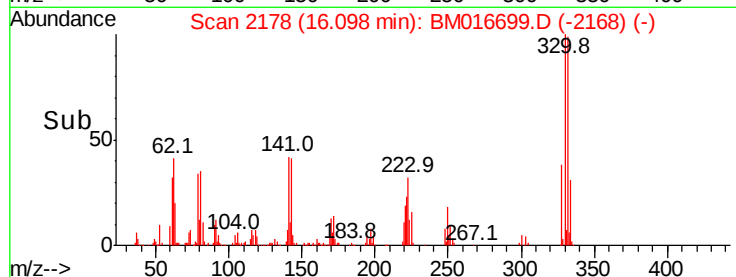
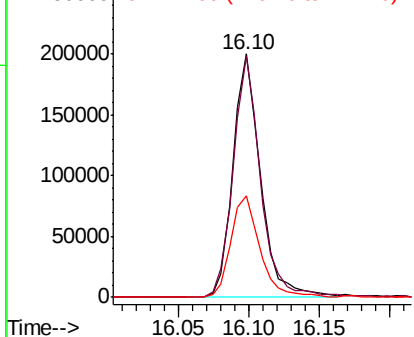
#41
 2,4,6-Tribromophenol
 Concen: 105.111 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.04 min
 Lab File: BM016699.D
 Acq: 06 Sep 2018 23:48

Instrument :
 BNA_M
 ClientSampleId :
 090418-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	0.0	0.0#
141	43.9	0.0	0.0#

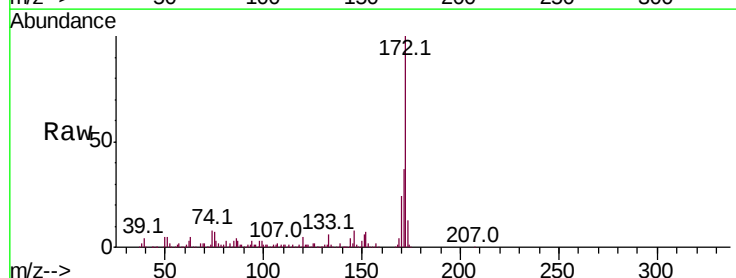


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

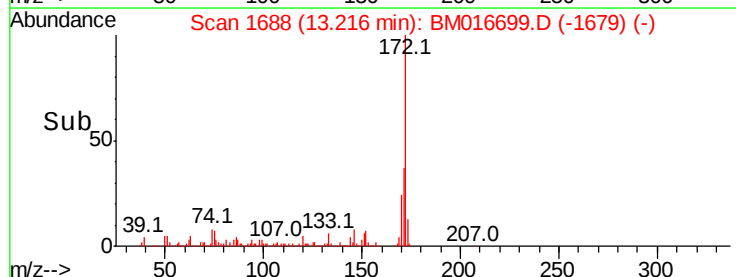
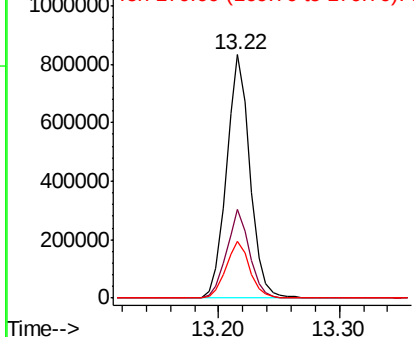


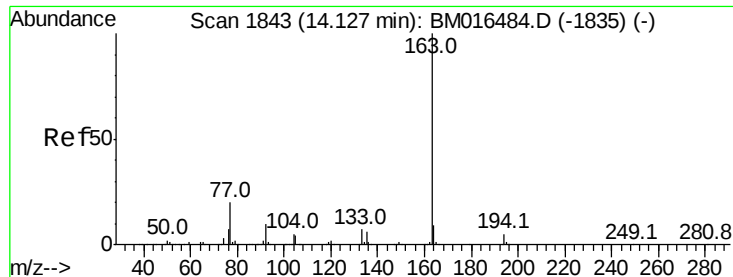
#44
 2-Fluorobiphenyl
 Concen: 115.633 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.05 min
 Lab File: BM016699.D
 Acq: 06 Sep 2018 23:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.5	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





#49

Dimethylphthalate

Concen: 5.466 ng

RT: 14.07 min Scan# 1833

Delta R.T. -0.04 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

Instrument :

BNA_M

ClientSampleId :

090418-DBRI-E-U-M

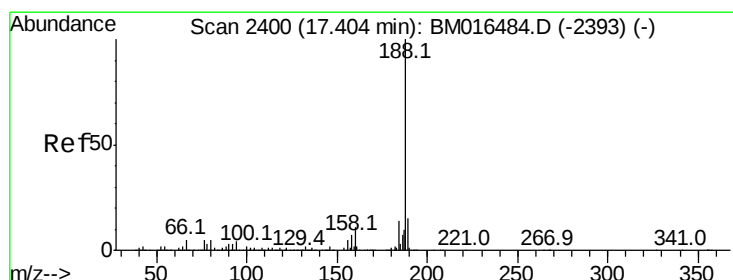
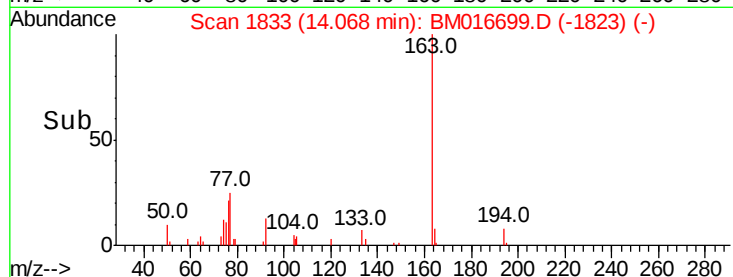
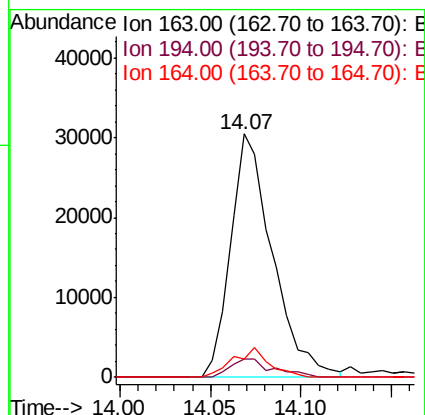
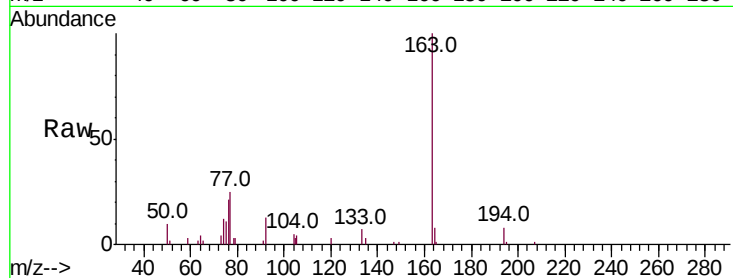
Tot Ion:163 Resp: 48905

Ion Ratio Lower Upper

163 100

194 7.7 2.7 4.1#

164 7.5 8.2 12.2#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2390

Delta R.T. -0.04 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

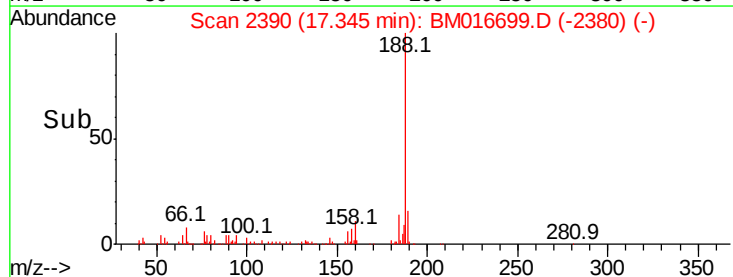
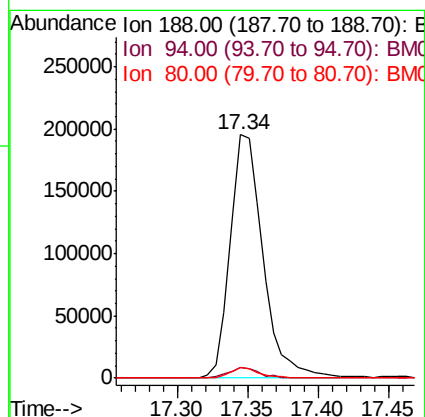
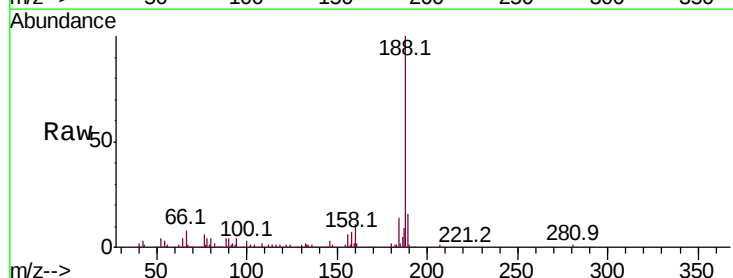
Tgt Ion:188 Resp: 317459

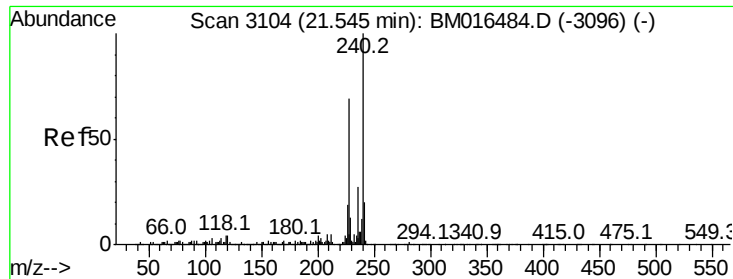
Ion Ratio Lower Upper

188 100

94 4.2 8.7 13.1#

80 4.3 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.50 min Scan# 3096

Delta R.T. -0.04 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

Instrument :

BNA_M

ClientSampleId :

090418-DBRI-E-U-M

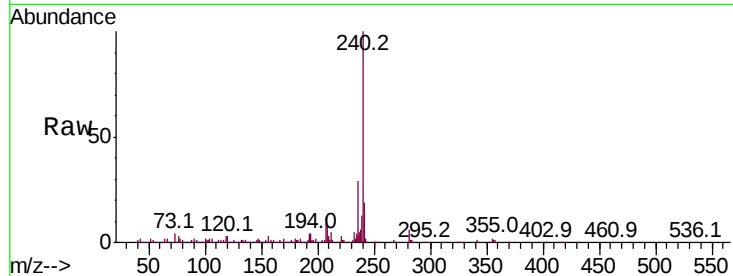
Tot Ion:240 Resp: 499035

Ion Ratio Lower Upper

240 100

120 2.7 8.2 12.2#

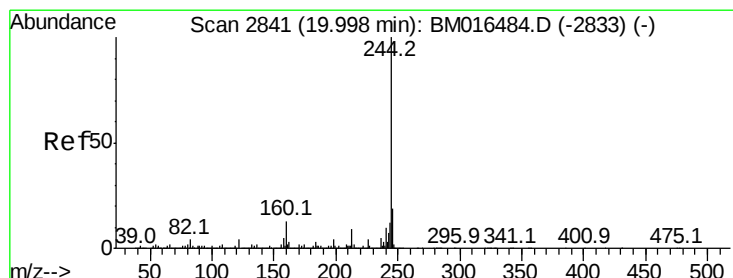
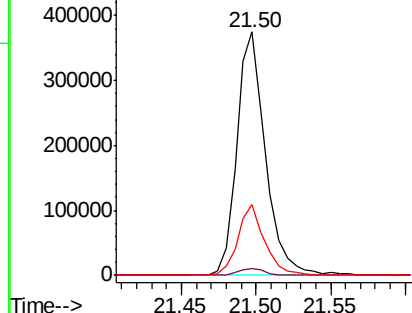
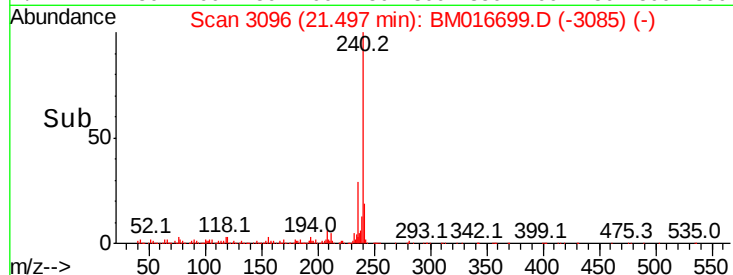
236 28.9 20.0 30.0



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: 136.497 ng

RT: 19.94 min Scan# 2831

Delta R.T. -0.04 min

Lab File: BM016699.D

Acq: 06 Sep 2018 23:48

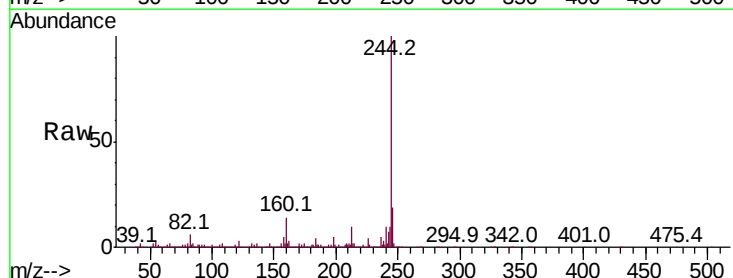
Tgt Ion:244 Resp: 3218268

Ion Ratio Lower Upper

244 100

212 9.7 4.9 7.3#

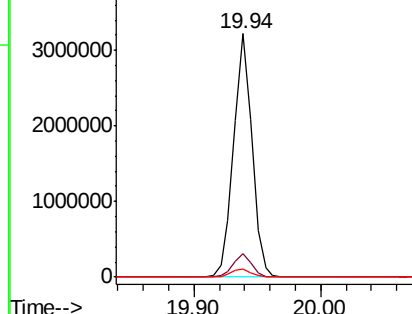
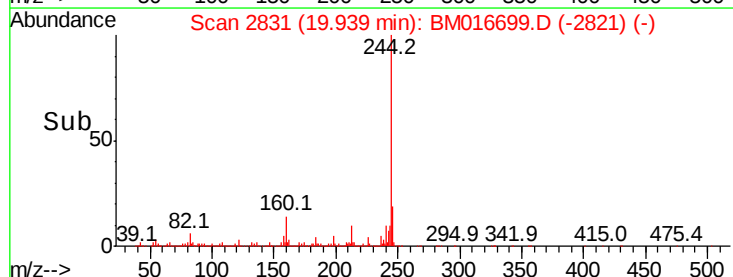
122 3.2 6.2 9.4#

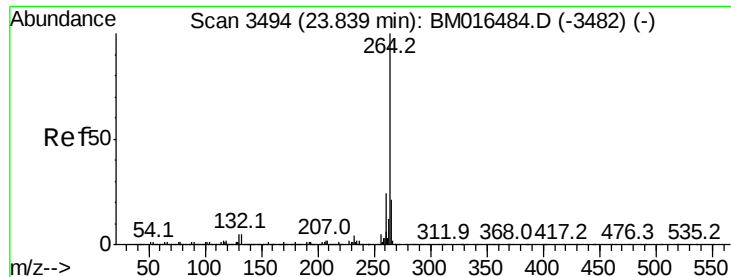


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.76 min Scan# 3480
 Delta R.T. -0.06 min
 Lab File: BM016699.D
 Acq: 06 Sep 2018 23:48

Instrument :
 BNA_M
 ClientSampleId :
 090418-DBRI-E-U-M

Tot Ion:	264	Resp:	594969
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	24.1	17.3	25.9

