

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
 Data File : BM016567.D
 Acq On : 24 Aug 2018 00:22
 Operator : SJ/JU
 Sample : J4610-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 082118-DBRI-F-U-B

Quant Time: Aug 24 05:27:34 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	8.01	152	98236	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	316398	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	246050	20.00	ng	-0.02
63) Phenanthrene-d10	17.39	188	819506	20.00	ng	-0.01
75) Chrysene-d12	21.54	240	1157073	20.00	ng	0.00
86) Perylene-d12	23.82	264	1348419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	189998	37.90	ng	0.00
7) Phenol-d6	7.19	99	141270	21.30	ng	-0.01
23) Nitrobenzene-d5	9.20	82	884494	127.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.14	330	823451	119.72	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3271902	127.82	ng	-0.01
78) Terphenyl-d14	19.99	244	7396127	135.29	ng	-0.01

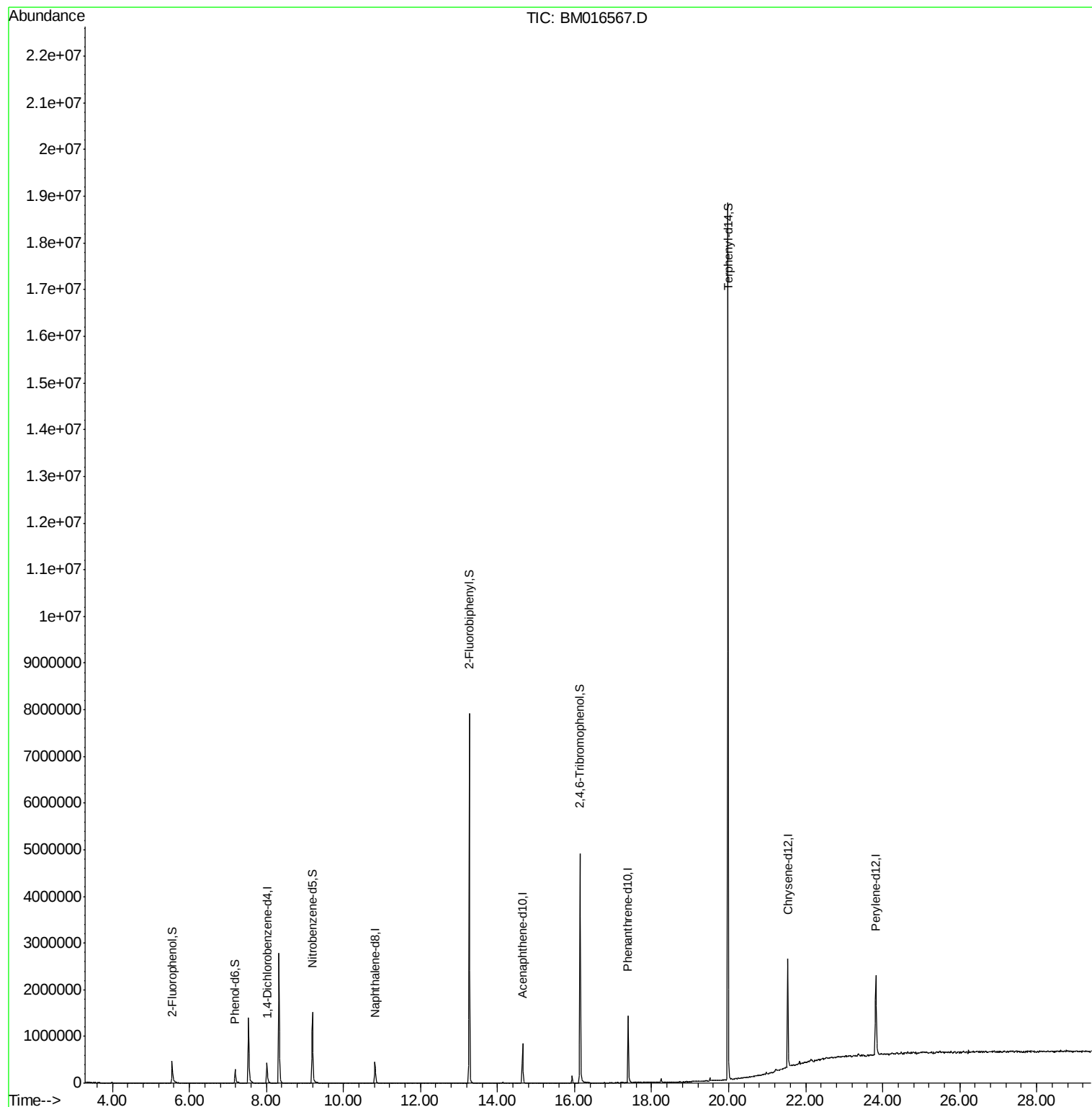
Target Compounds Qvalue

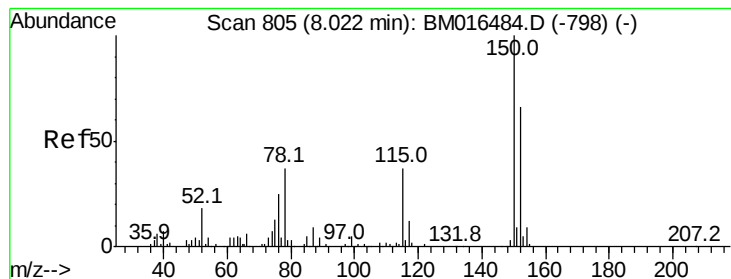
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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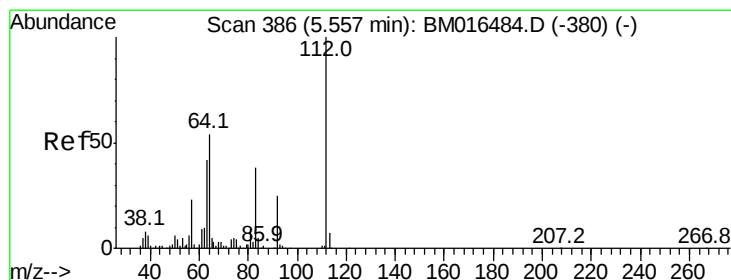
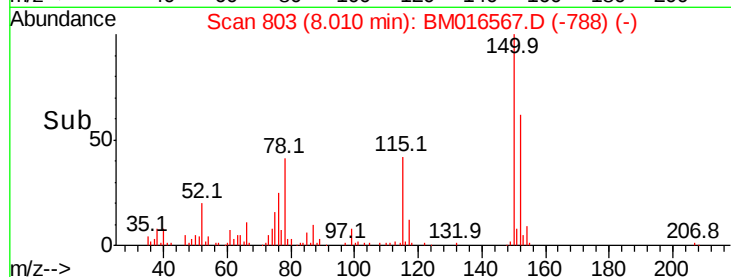
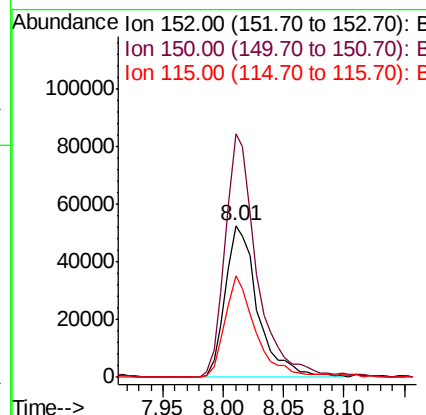
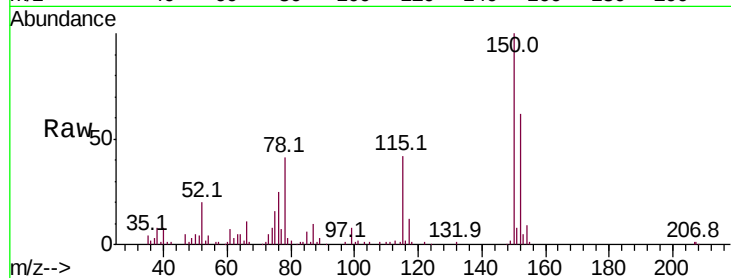


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

Instrument :
 BNA_M
 ClientSampleId :
 082118-DBRI-F-U-B

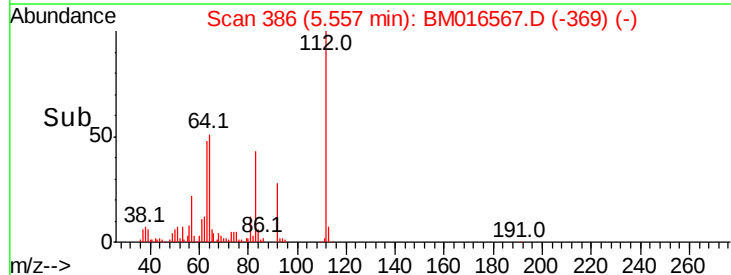
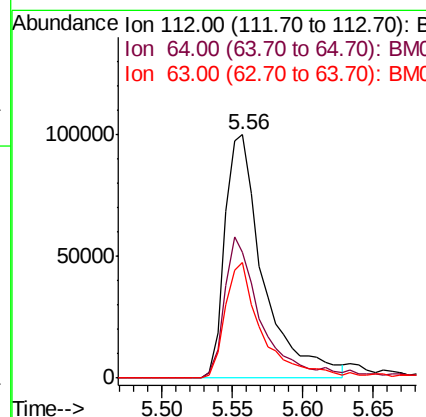
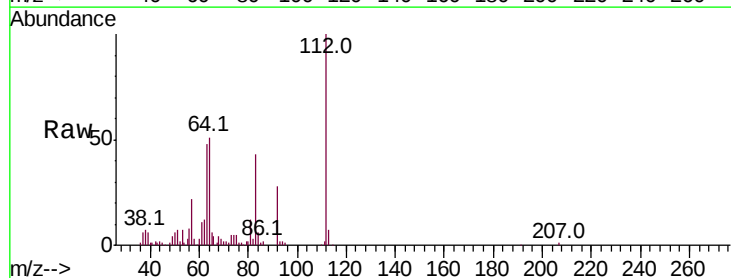
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	119.5	179.3
115	67.0	43.0	64.4

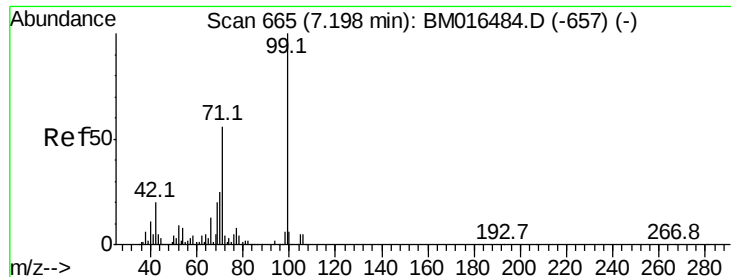


#5

2-Fluorophenol
 Concen: 37.900 ng
 RT: 5.56 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	38.6	57.8
63	47.7	19.3	28.9





#7

Phenol-d6

Concen: 21.296 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-B

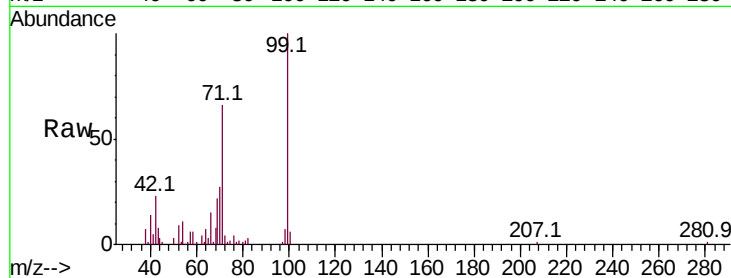
Tot Ion: 99 Resp: 141270

Ion Ratio Lower Upper

99 100

42 23.2 11.0 16.4#

71 66.4 23.4 35.2#

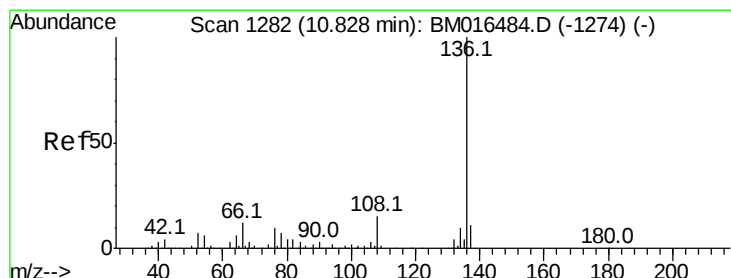
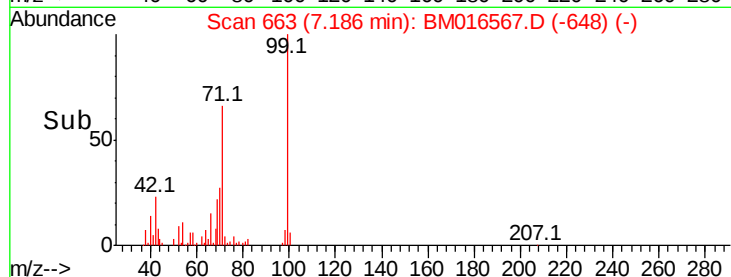
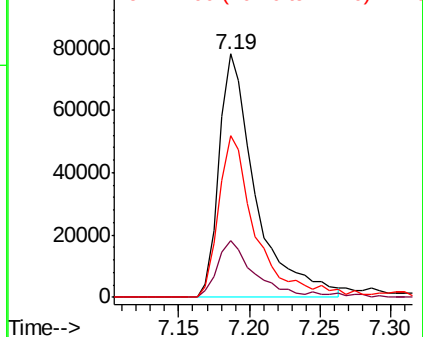


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Tgt Ion: 136 Resp: 316398

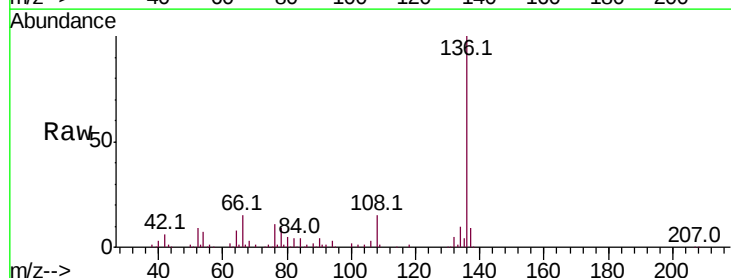
Ion Ratio Lower Upper

136 100

137 8.7 8.7 13.1

54 7.2 4.6 6.8#

68 2.5 3.7 5.5#



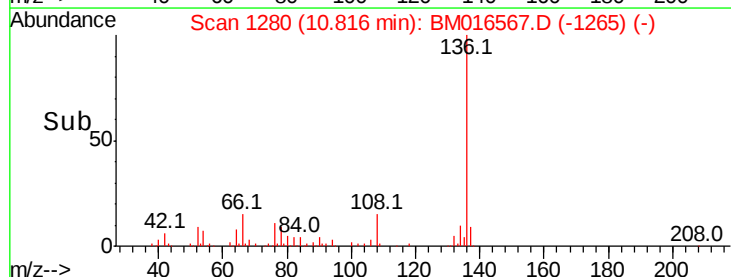
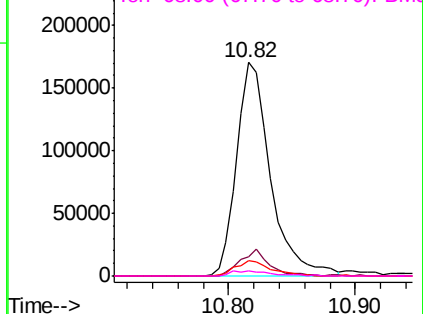
Abundance

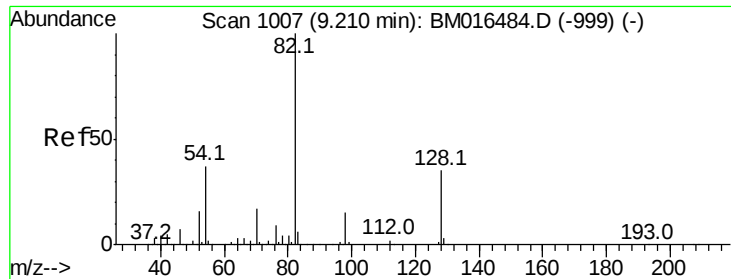
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

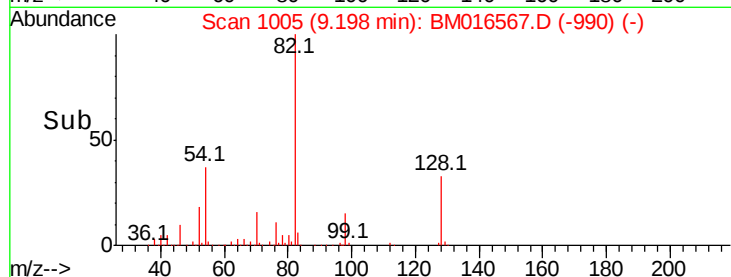
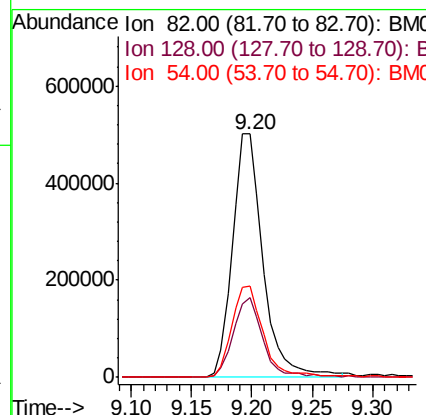
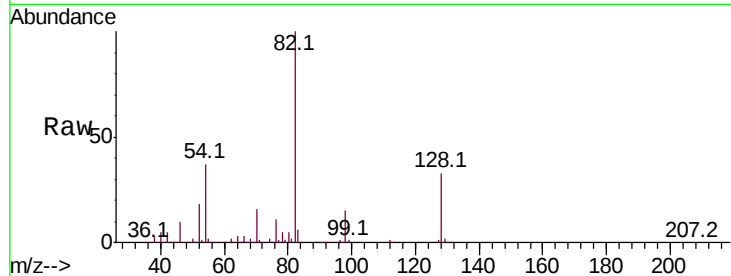




#23
 Nitrobenzene-d5
 Concen: 127.640 ng
 RT: 9.20 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

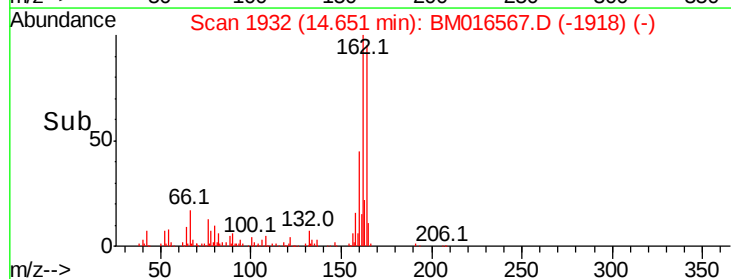
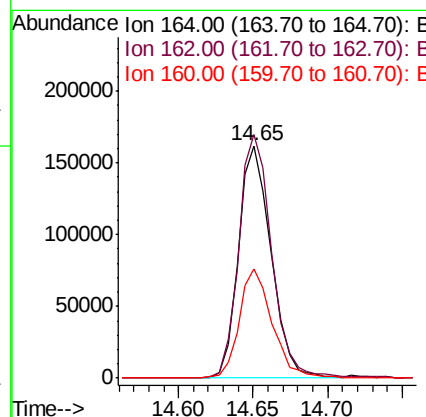
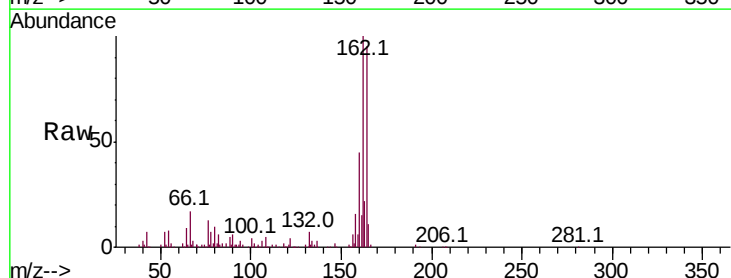
Instrument :
 BNA_M
 ClientSampleId :
 082118-DBRI-F-U-B

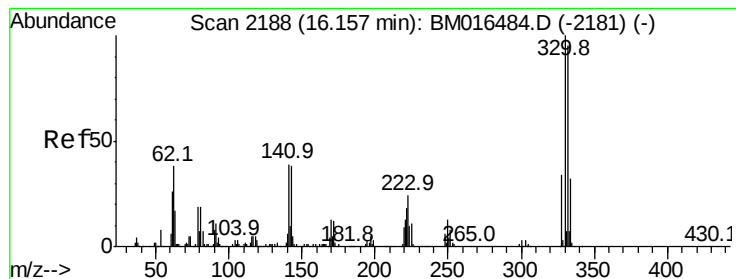
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	32.8	49.2#
54	37.4	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BM016567.D
 Acq: 24 Aug 2018 00:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	47.1	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 119.720 ng

RT: 16.14 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-B

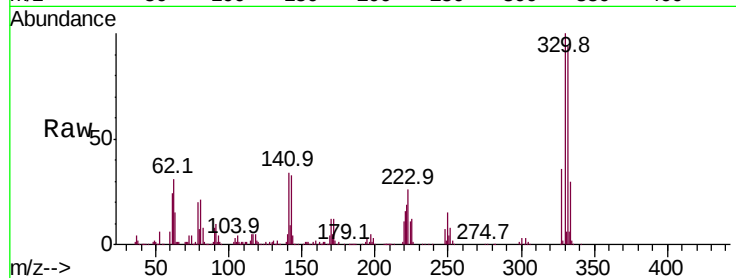
Tot Ion:330 Resp: 823451

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

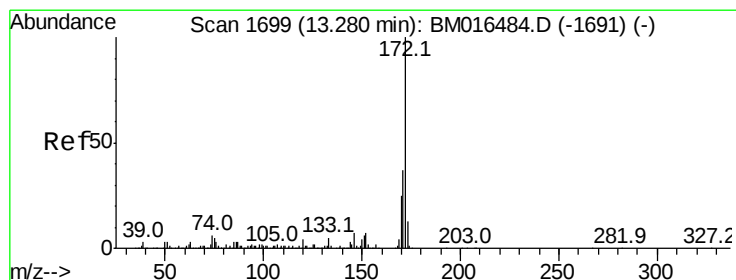
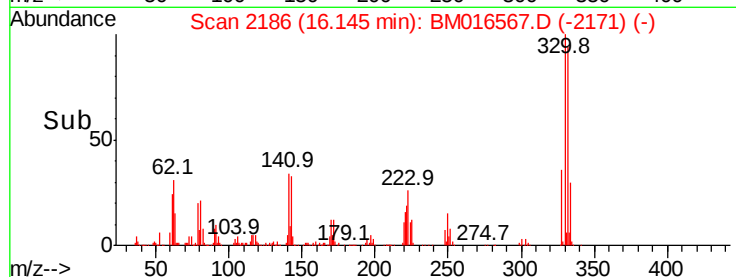
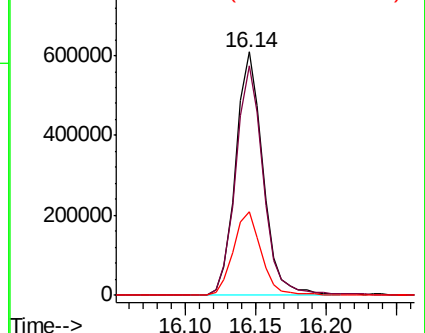
141 35.5 0.0 0.0#



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: 127.821 ng

RT: 13.27 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

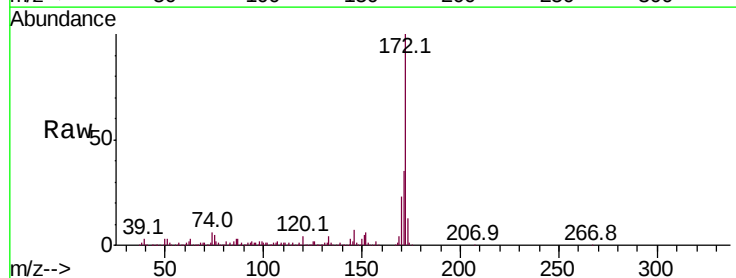
Tgt Ion:172 Resp: 3271902

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

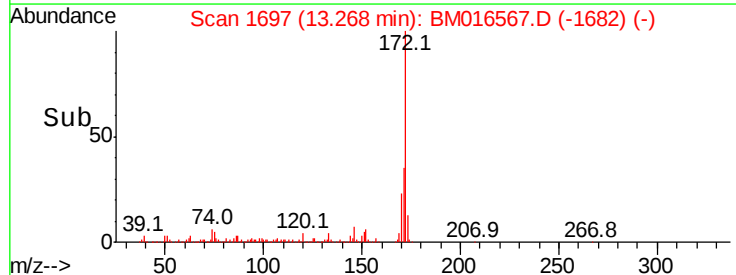
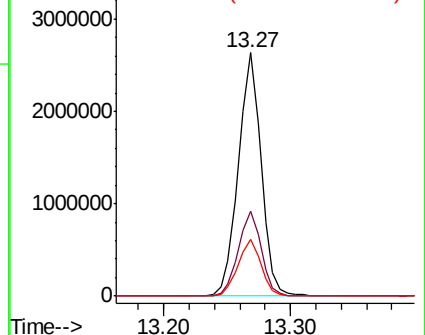
170 23.3 18.8 28.2

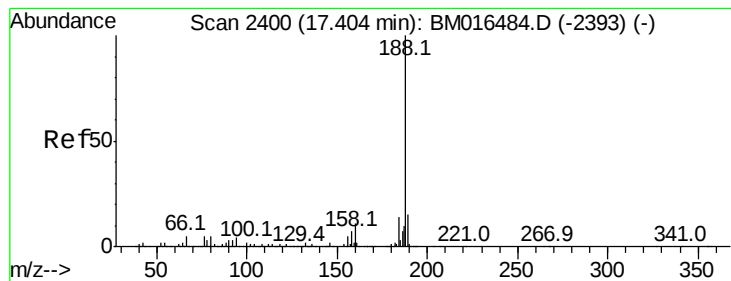


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2398

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-B

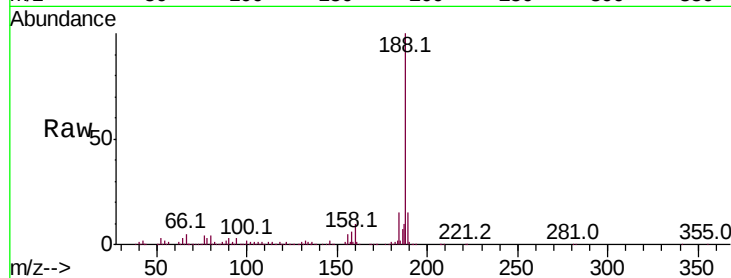
Tot Ion:188 Resp: 819506

Ion Ratio Lower Upper

188 100

94 2.8 8.7 13.1#

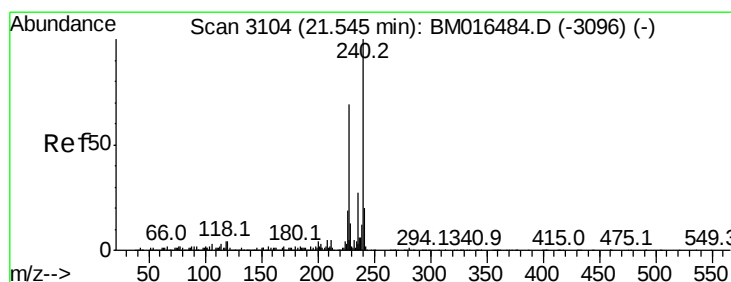
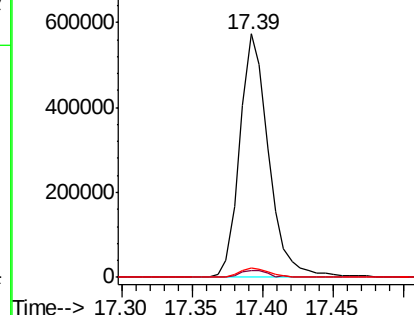
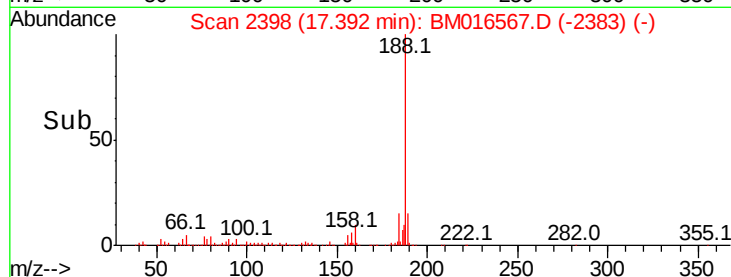
80 4.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

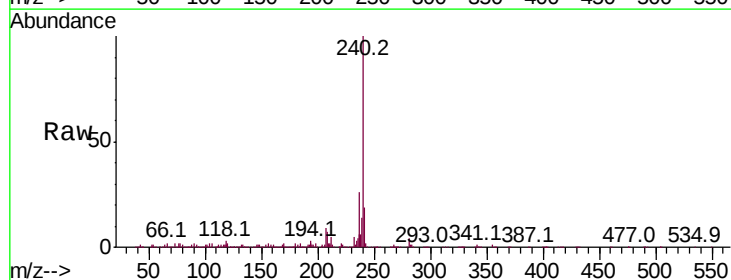
Tgt Ion:240 Resp: 1157073

Ion Ratio Lower Upper

240 100

120 2.5 8.2 12.2#

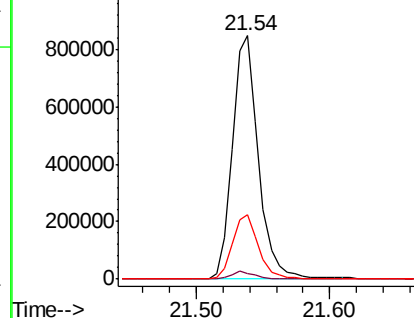
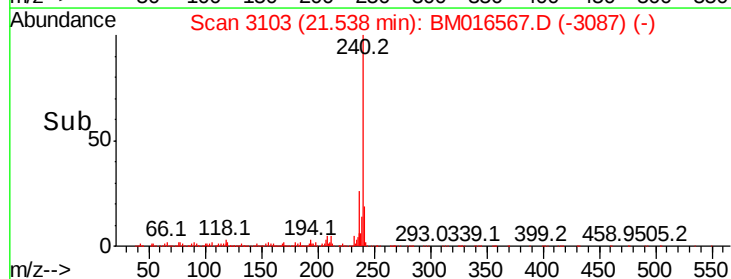
236 26.2 20.0 30.0

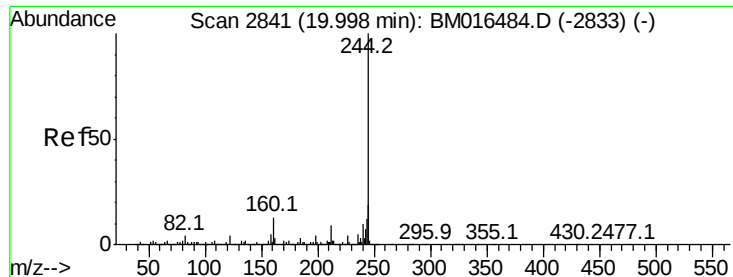


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 135.293 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

Instrument :

BNA_M

ClientSampleId :

082118-DBRI-F-U-B

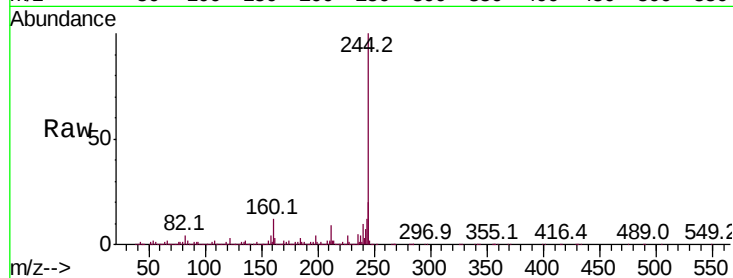
Tot Ion:244 Resp: 7396127

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

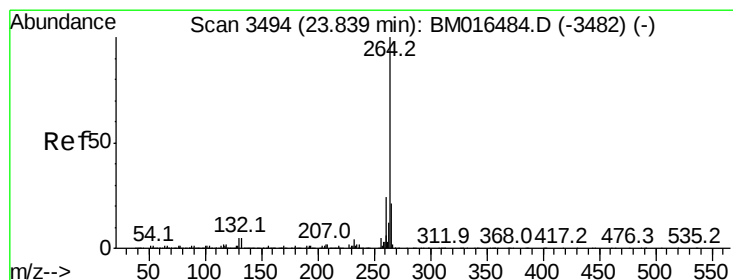
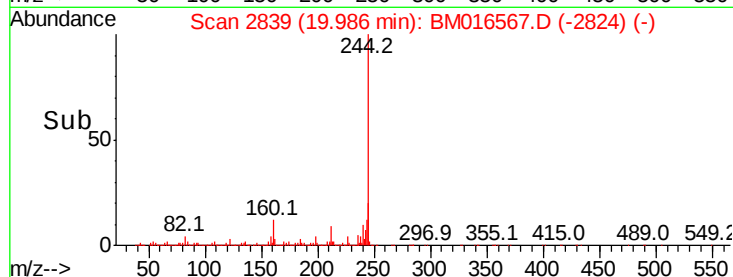
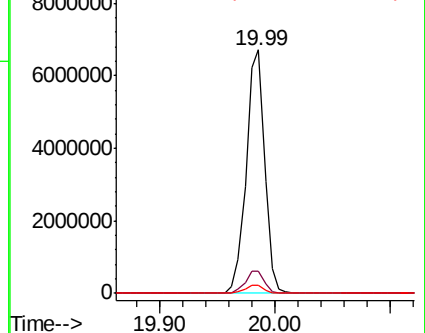
122 3.1 6.2 9.4#



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: 23.82 min Scan# 3491

Delta R.T. -0.02 min

Lab File: BM016567.D

Acq: 24 Aug 2018 00:22

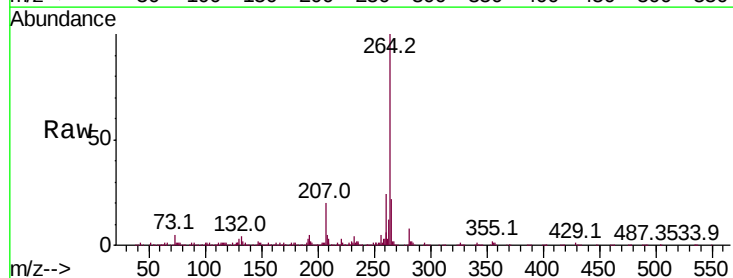
Tgt Ion:264 Resp: 1348419

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.6 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

