

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016222.D
 Acq On : 07 Aug 2018 10:27
 Operator : SJ/JU
 Sample : J4330-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 073018-DBRI-E-U-M

Quant Time: Aug 07 13:04:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 13:02:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	28973	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	108773	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	55123	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	118386	20.00	ng	0.00
75) Chrysene-d12	21.66	240	127528	20.00	ng	0.00
86) Perylene-d12	24.01	264	142439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	80300	46.04	ng	0.00
7) Phenol-d6	7.33	99	60670	26.64	ng	0.00
23) Nitrobenzene-d5	9.36	82	270172	115.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	65882	94.23	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	495251	109.32	ng	0.00
78) Terphenyl-d14	20.11	244	714510	117.28	ng	0.00

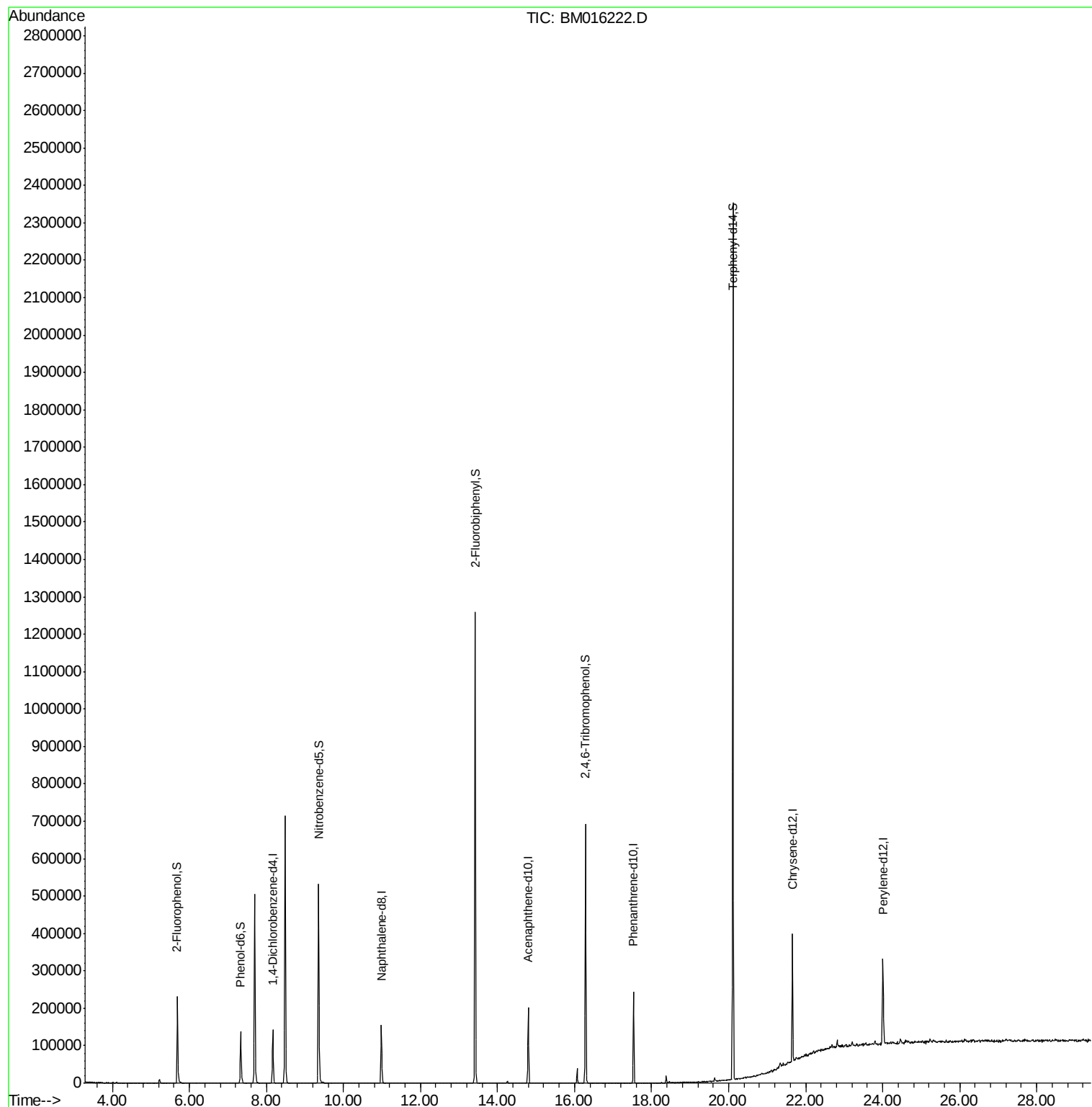
Target Compounds Qvalue

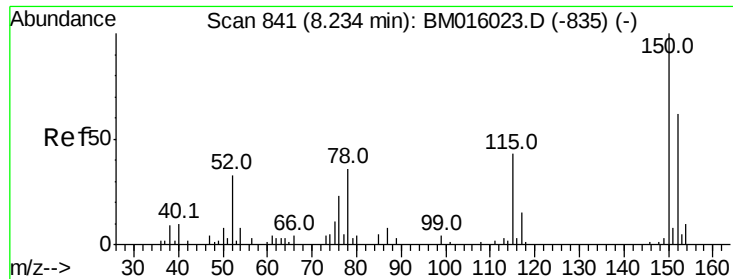
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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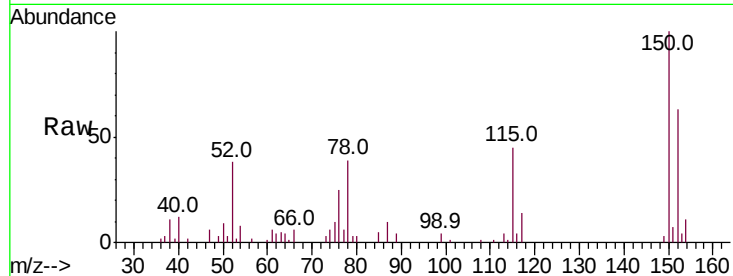


#1

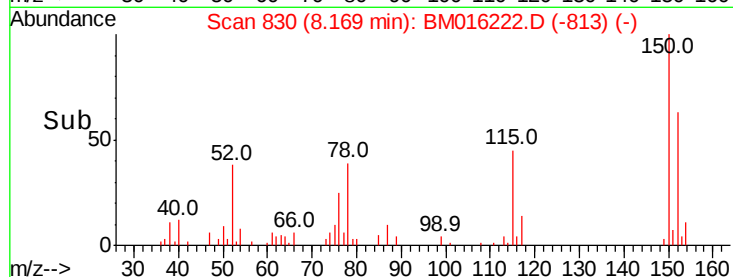
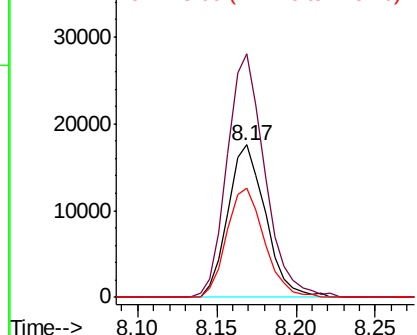
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

Instrument :
BNA_M
ClientSampleId :
073018-DBRI-E-U-M

Tot Ion:152 Resp: 28973
Ion Ratio Lower Upper
152 100
150 159.7 119.5 179.3
115 71.4 43.0 64.4#



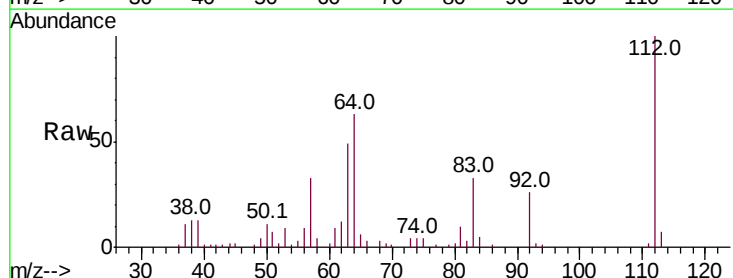
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



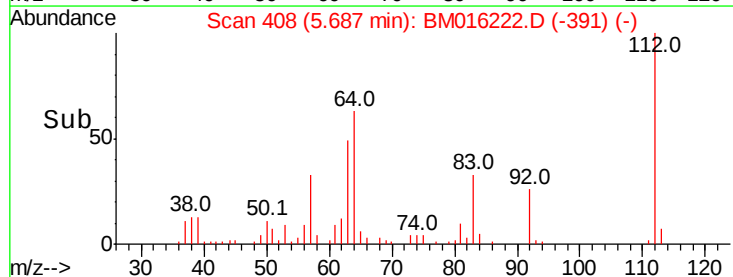
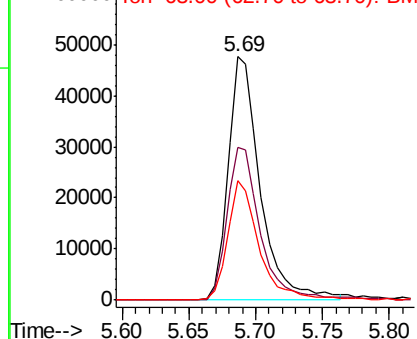
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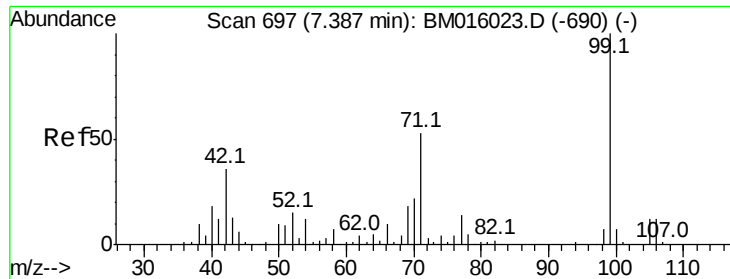
2-Fluorophenol
Concen: N.D. ng
RT: 5.69 min Scan# 408
Delta R.T. -0.00 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

Tgt Ion:112 Resp: 80300
Ion Ratio Lower Upper
112 100
64 62.8 38.6 57.8#
63 48.9 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: N.D. ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM016222.D

Acq: 07 Aug 2018 10:27

Instrument :

BNA_M

ClientSampleId :

073018-DBRI-E-U-M

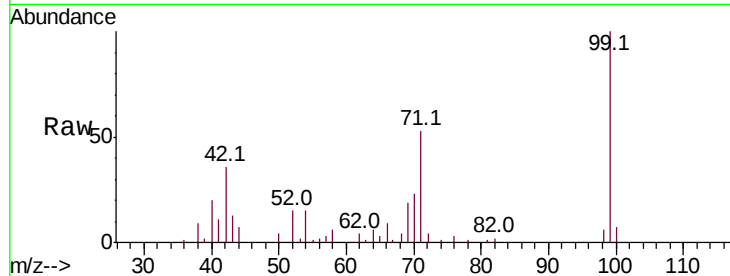
Tot Ion: 99 Resp: 60670

Ion Ratio Lower Upper

99 100

42 36.4 11.0 16.4#

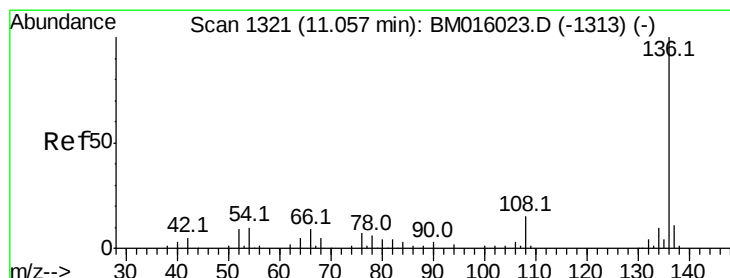
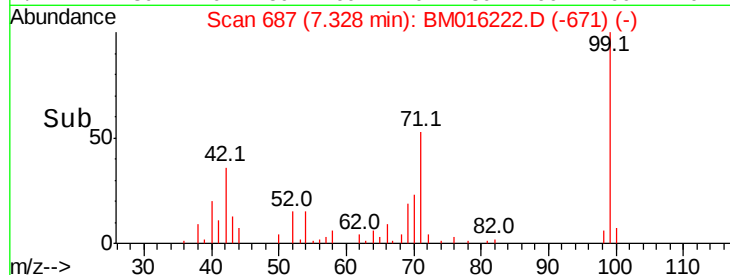
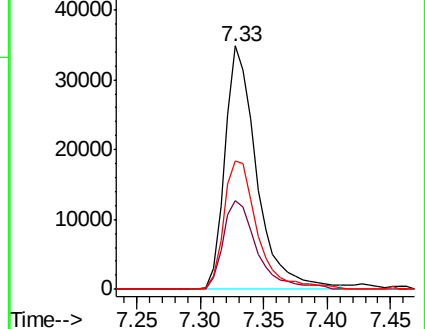
71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BM016222.D

Acq: 07 Aug 2018 10:27

Tgt Ion: 136 Resp: 108773

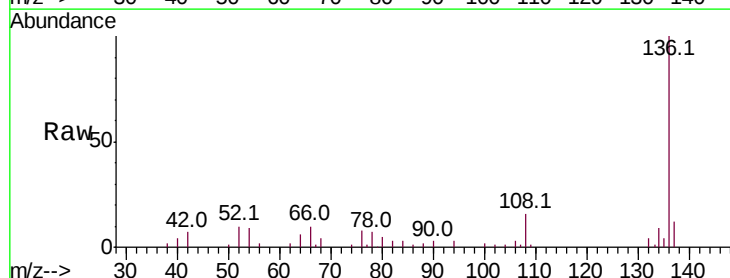
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 8.6 4.6 6.8#

68 4.2 3.7 5.5

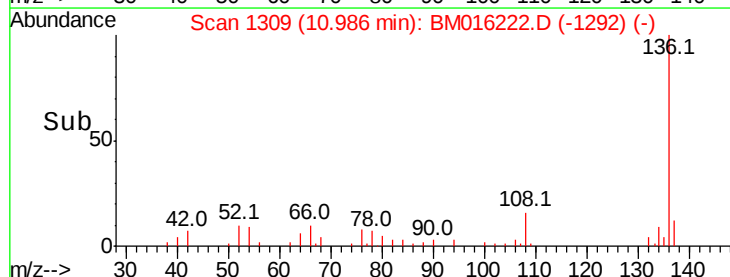
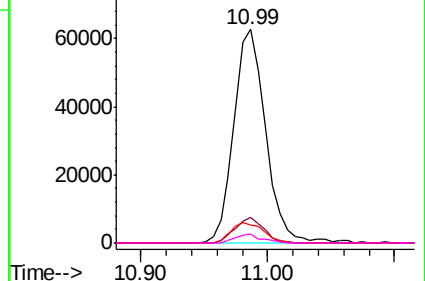


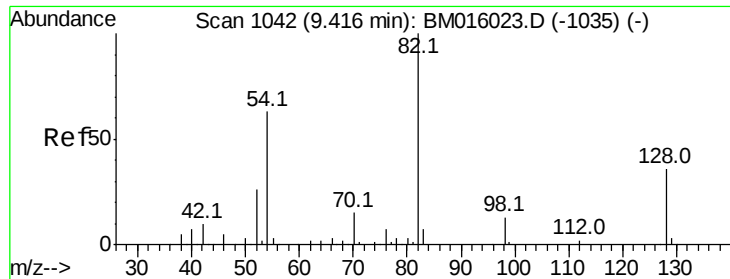
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)

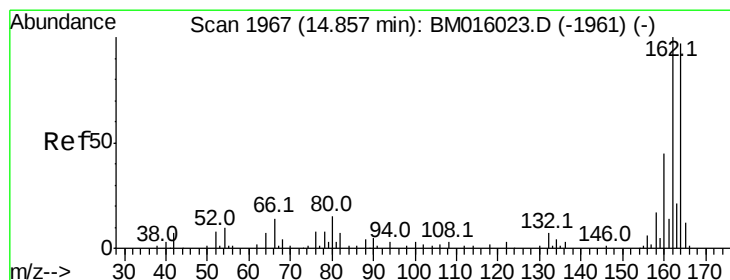
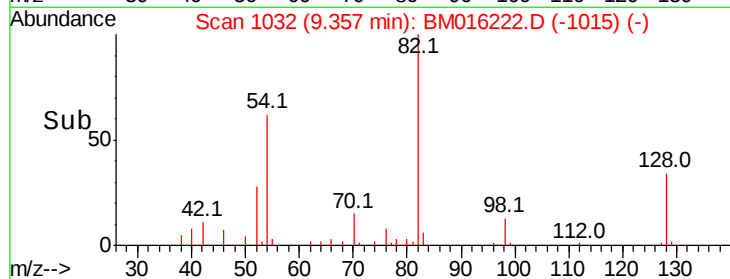
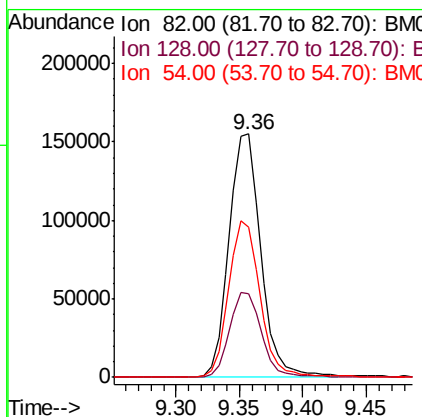
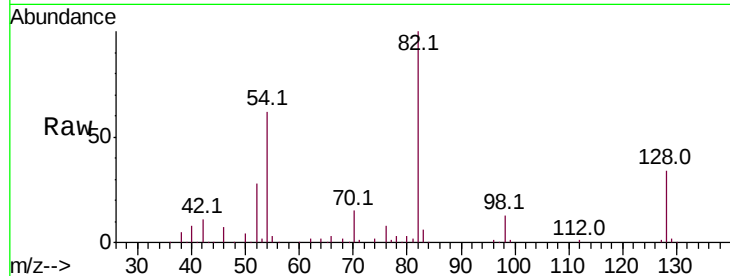




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.36 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

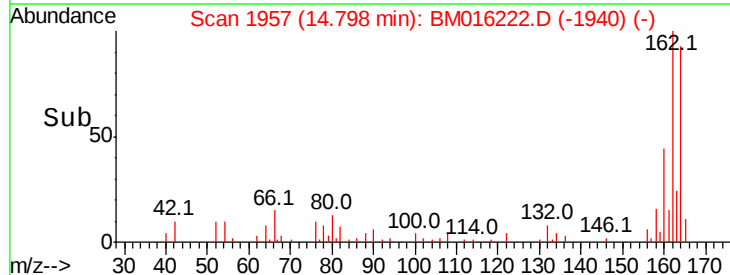
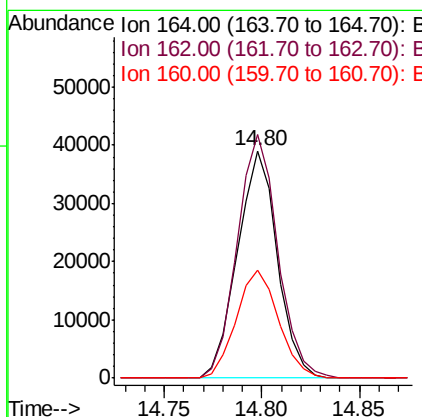
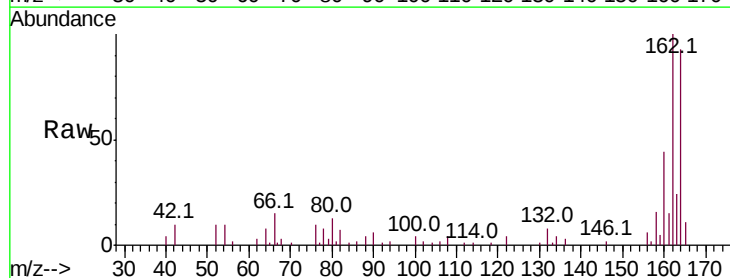
Instrument :
BNA_M
ClientSampleId :
073018-DBRI-E-U-M

Tot Ion: 82 Resp: 270172
Ion Ratio Lower Upper
82 100
128 34.5 32.8 49.2
54 61.8 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

Tgt Ion:164 Resp: 55123
Ion Ratio Lower Upper
164 100
162 107.1 82.4 123.6
160 47.2 35.8 53.6

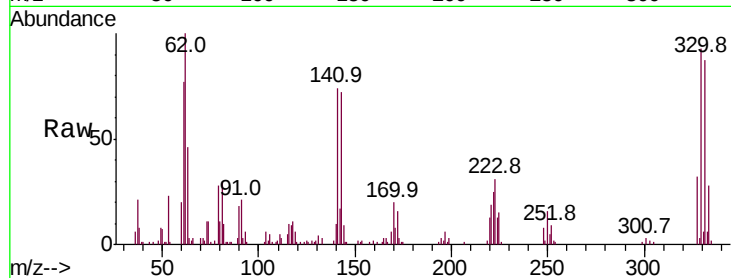




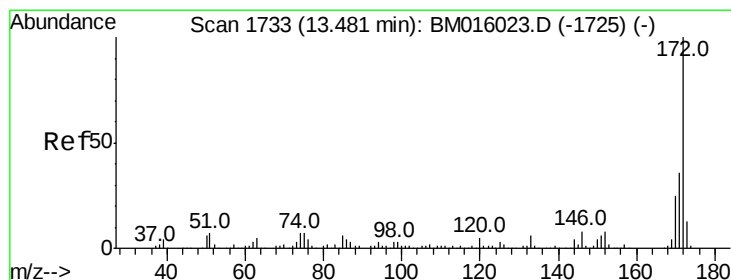
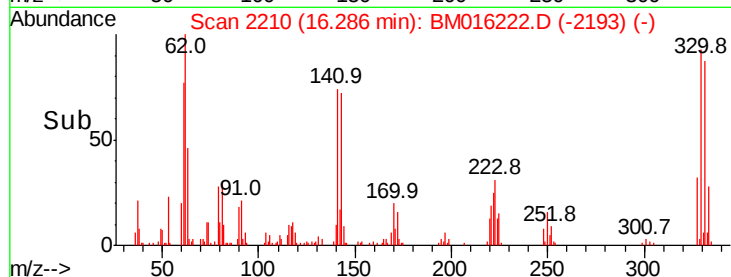
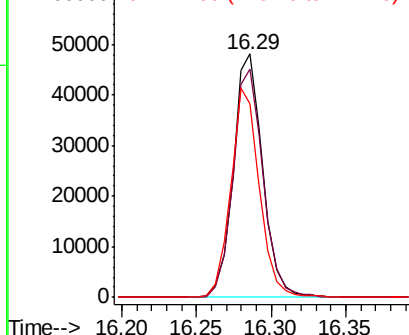
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BM016222.D
 Acq: 07 Aug 2018 10:27

Instrument :
 BNA_M
 ClientSampleId :
 073018-DBRI-E-U-M

Tot Ion:330 Resp: 65882
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 84.4 0.0 0.0#

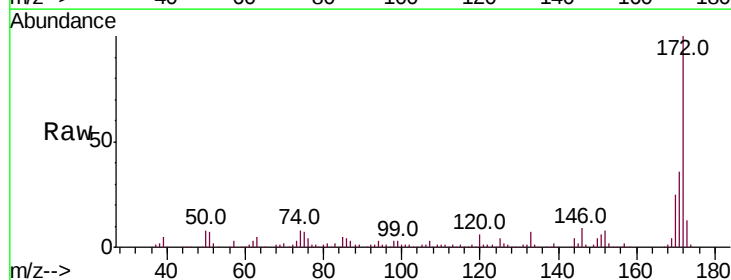


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

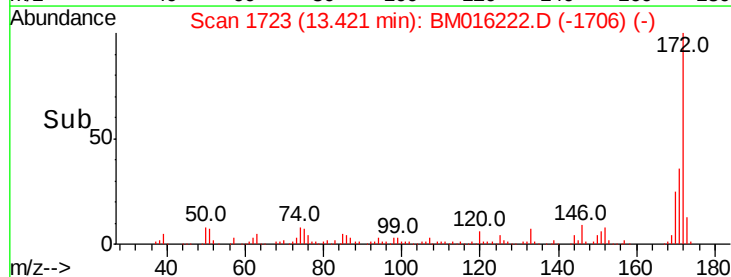
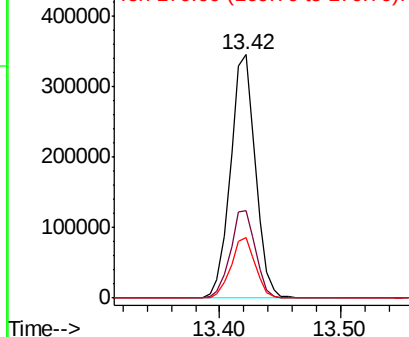


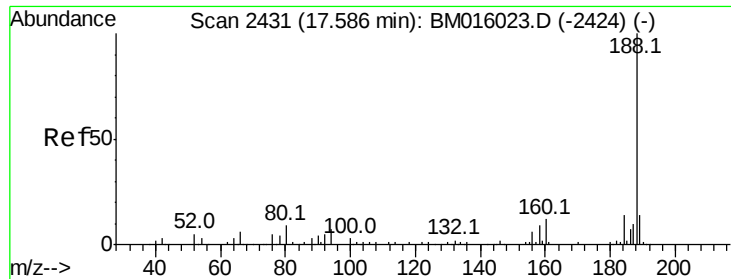
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BM016222.D
 Acq: 07 Aug 2018 10:27

Tgt Ion:172 Resp: 495251
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.7 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

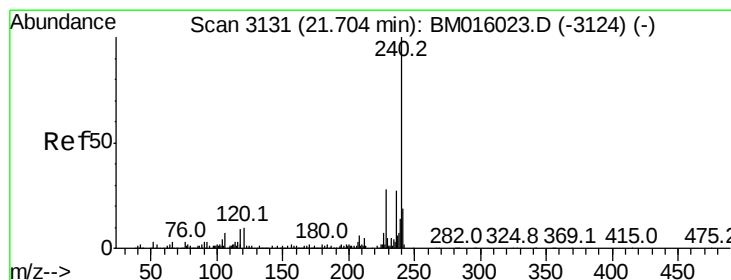
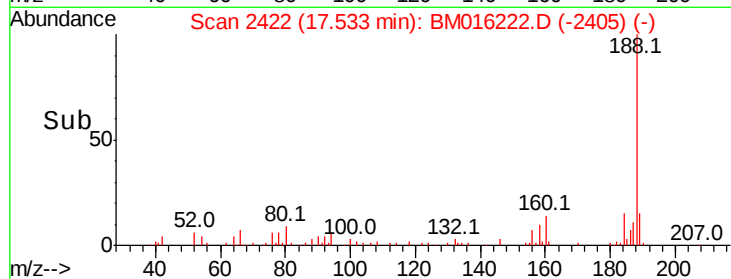
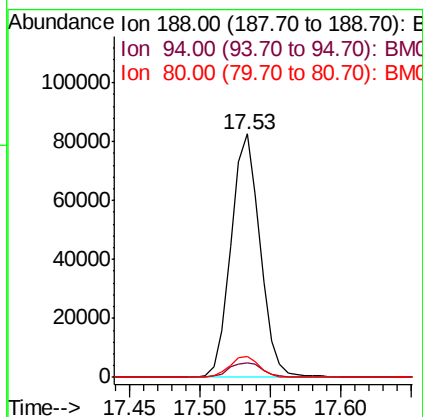
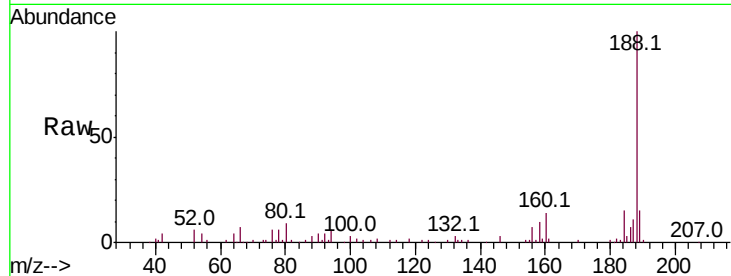




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

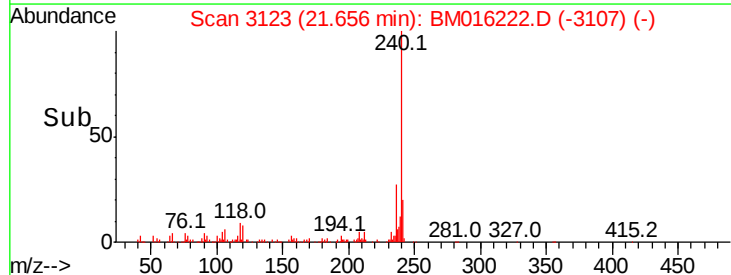
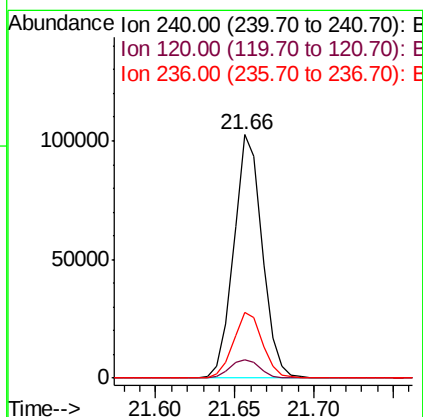
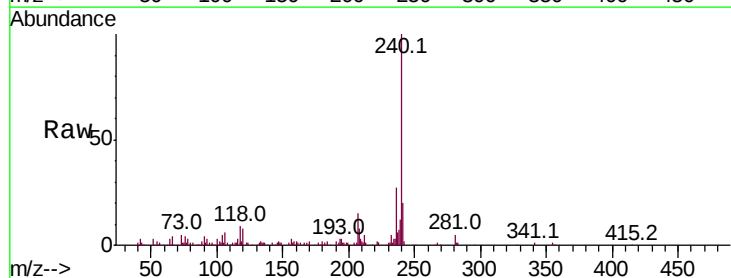
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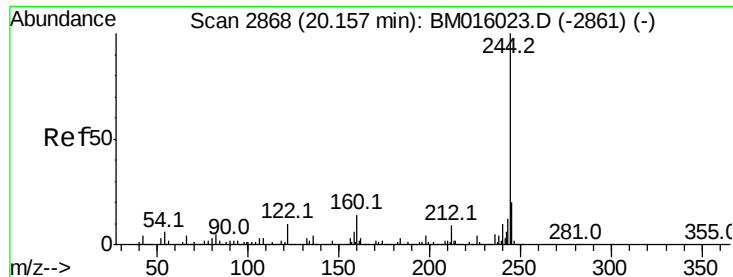
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	8.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM016222.D
Acq: 07 Aug 2018 10:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	8.2	12.2#
236	27.0	20.0	30.0

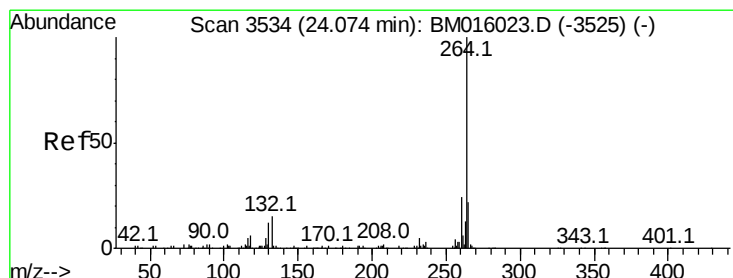
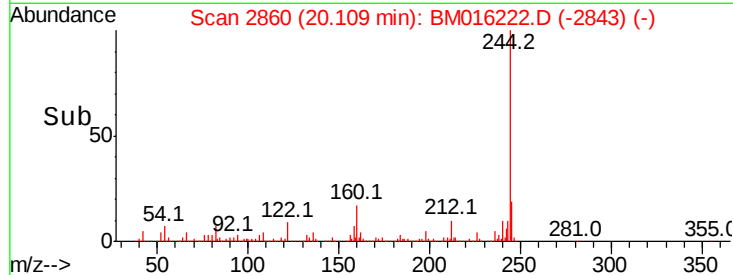
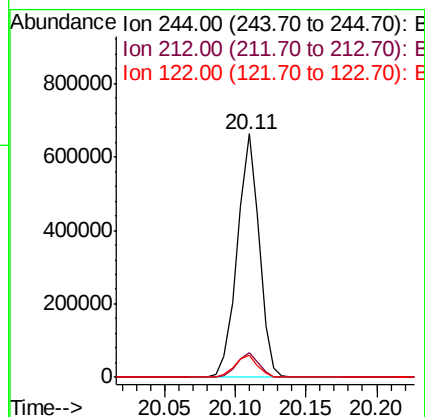
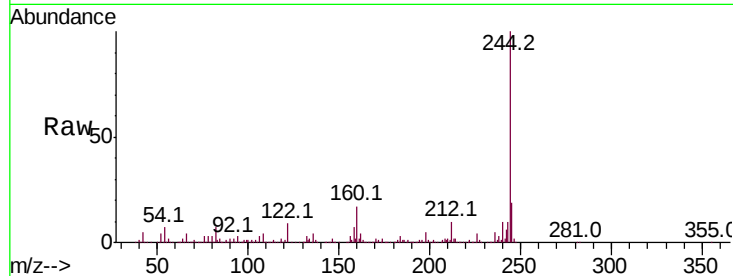




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: BM016222.D
 Acq: 07 Aug 2018 10:27

Instrument :
 BNA_M
 ClientSampleId :
 073018-DBRI-E-U-M

Tot Ion:244 Resp: 714510
 Ion Ratio Lower Upper
 244 100
 212 10.3 4.9 7.3#
 122 9.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.01 min Scan# 3523
 Delta R.T. -0.00 min
 Lab File: BM016222.D
 Acq: 07 Aug 2018 10:27

Tgt Ion:264 Resp: 142439
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.7 17.3 25.9

