

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016218.D
 Acq On : 07 Aug 2018 08:02
 Operator : SJ/JU
 Sample : J4332-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 080118-DBRI-E-U-S

Quant Time: Aug 07 10:20:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	32350	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	120137	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	62441	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	132660	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	146526	20.00	ng	-0.05
86) Perylene-d12	24.00	264	160298	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	73660	37.82	ng	-0.05
7) Phenol-d6	7.33	99	52920	20.81	ng	-0.06
23) Nitrobenzene-d5	9.35	82	264261	102.31	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	66099	83.46	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	492393	95.95	ng	-0.06
78) Terphenyl-d14	20.11	244	686658	98.10	ng	-0.05

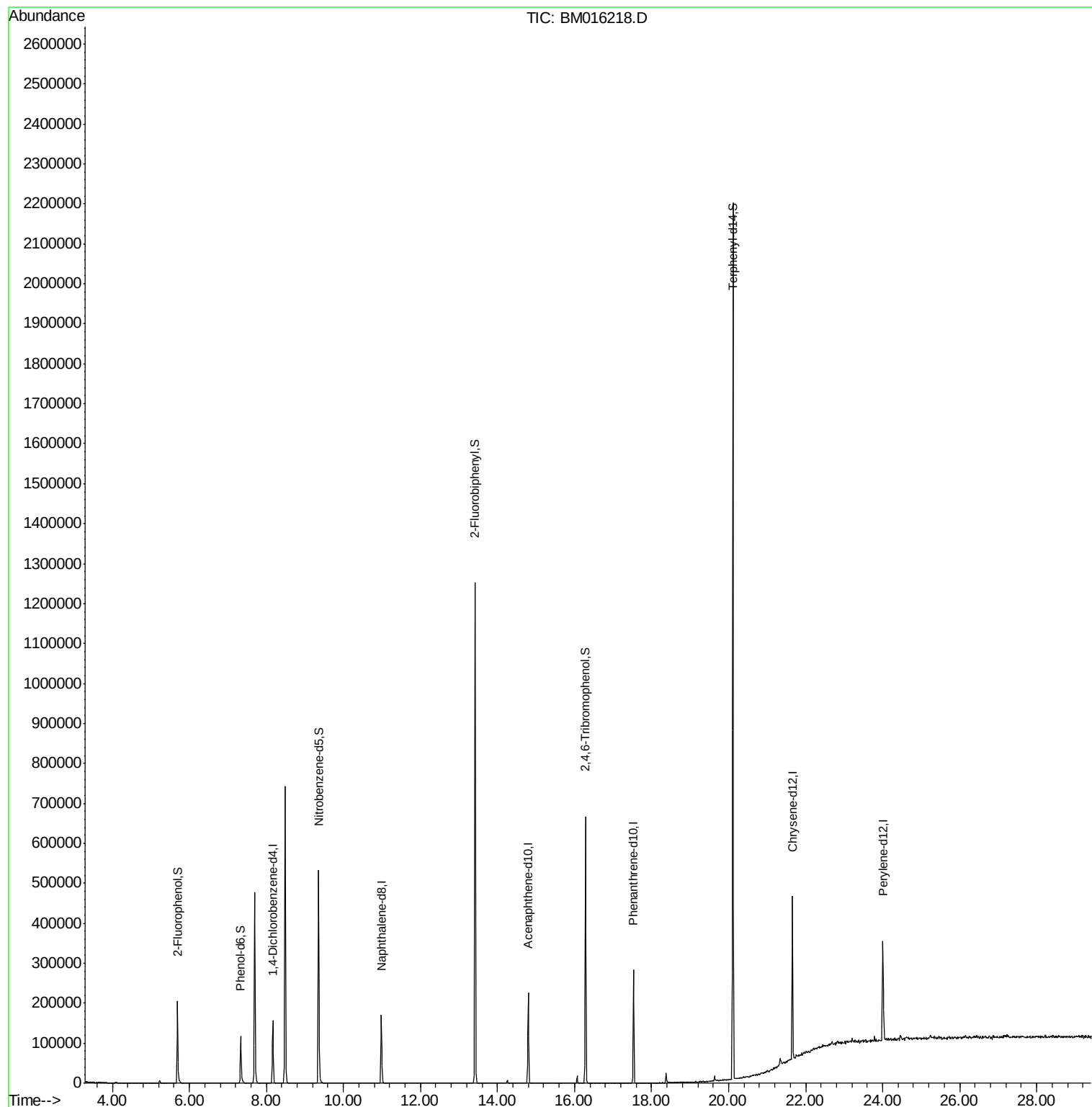
Target Compounds	Qvalue
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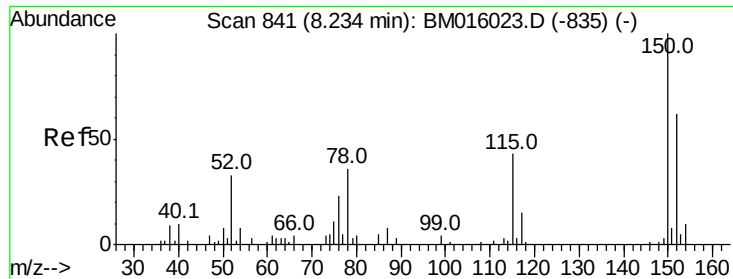
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.06 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

Instrument :

BNA_M

ClientSampleId :

080118-DBRI-E-U-S

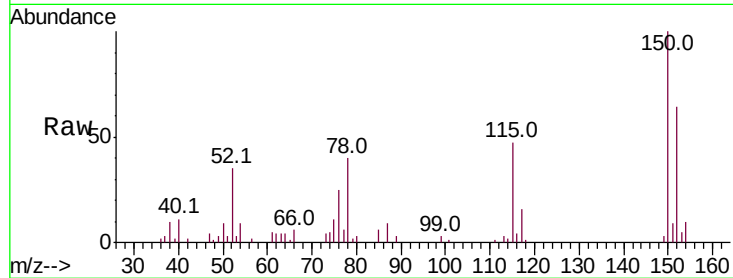
Tot Ion:152 Resp: 32350

Ion Ratio Lower Upper

152 100

150 157.2 119.5 179.3

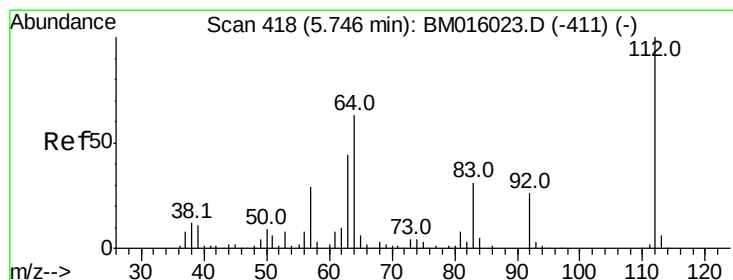
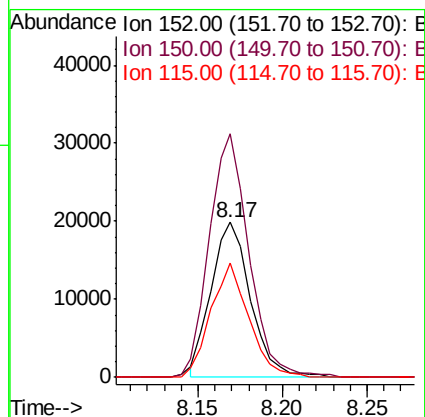
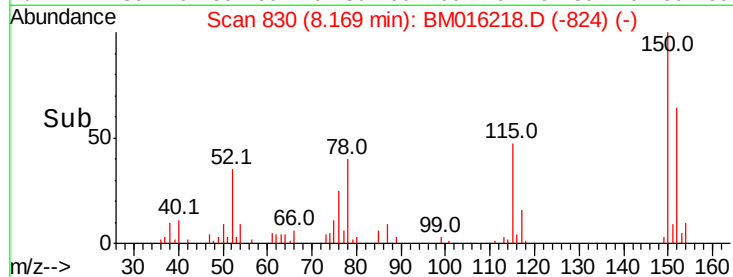
115 73.7 43.0 64.4#



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: N.D. ng

RT: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

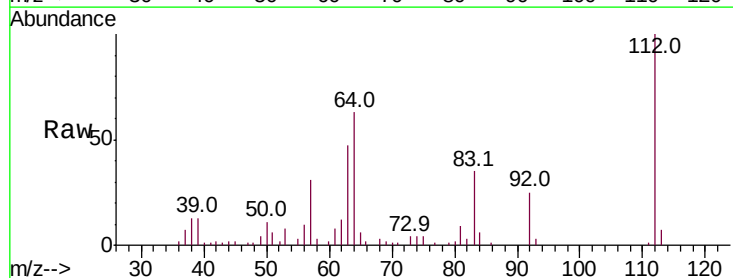
Tgt Ion:112 Resp: 73660

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

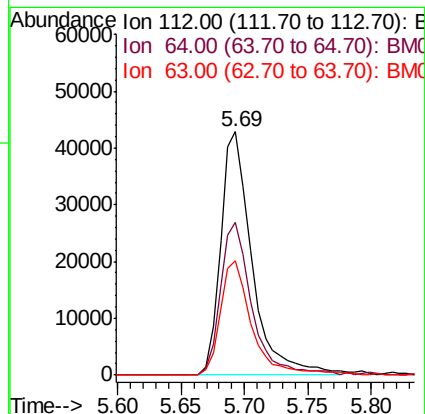
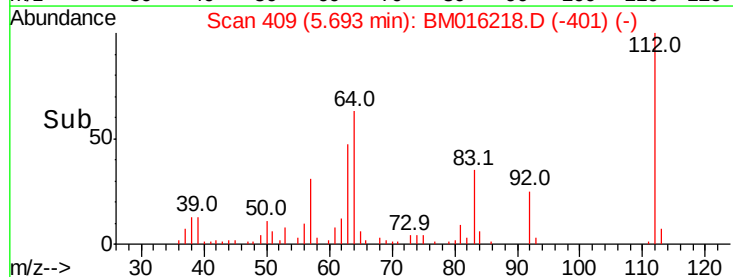
63 46.8 19.3 28.9#

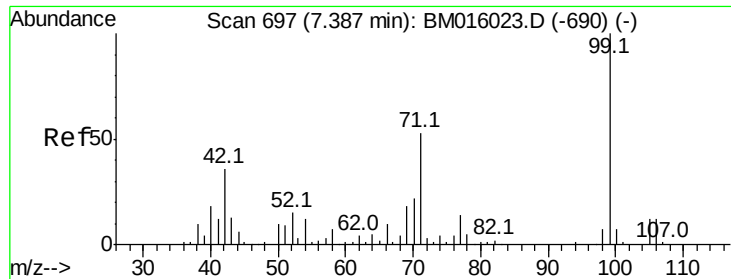


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.33 min Scan# 687

Delta R.T. -0.06 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

Instrument :

BNA_M

ClientSampleId :

080118-DBRI-E-U-S

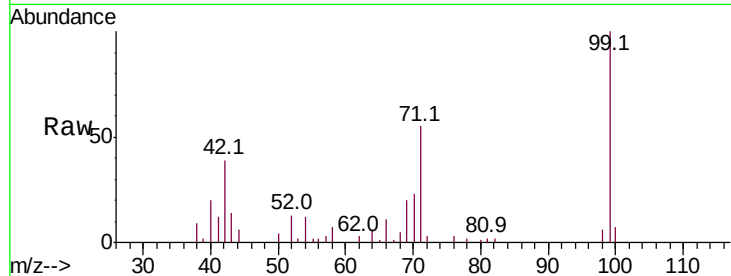
Tot Ion: 99 Resp: 52920

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

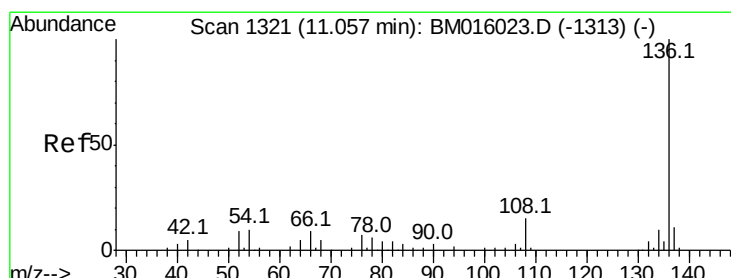
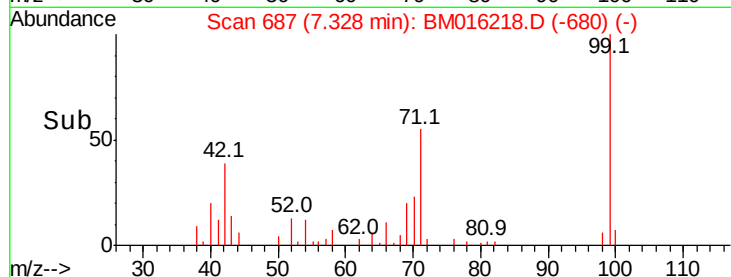
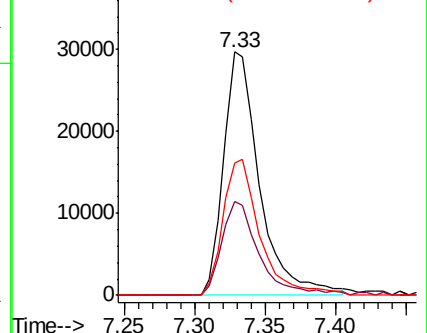
71 54.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016218.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016218.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016218.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

Tgt Ion: 136 Resp: 120137

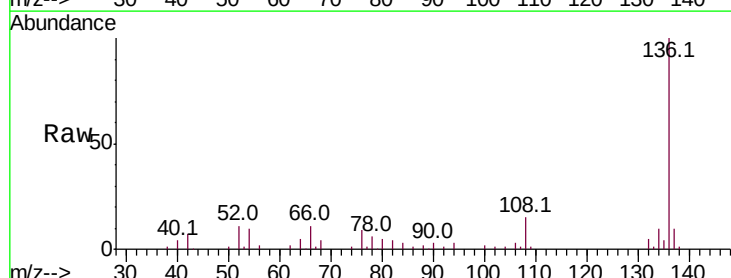
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 9.7 4.6 6.8#

68 4.3 3.7 5.5

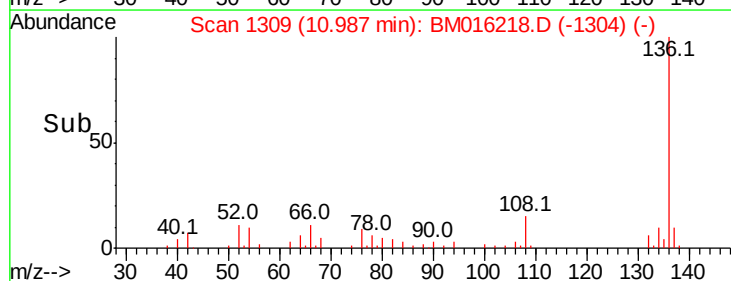
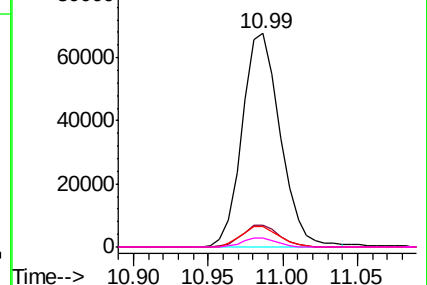


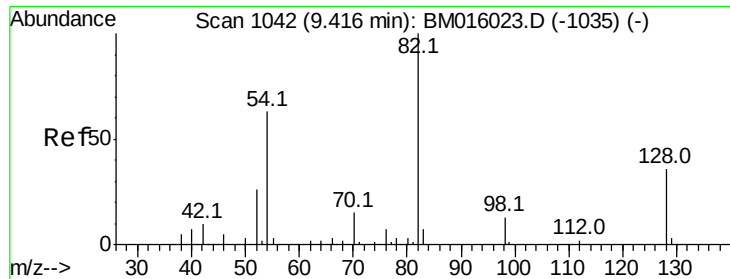
Abundance Ion 136.00 (135.70 to 136.70): BM016218.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016218.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016218.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016218.D (-1304) (-)

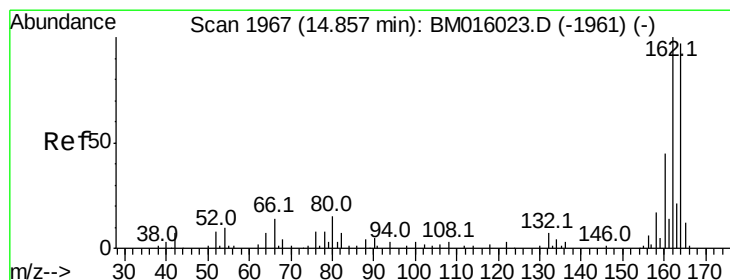
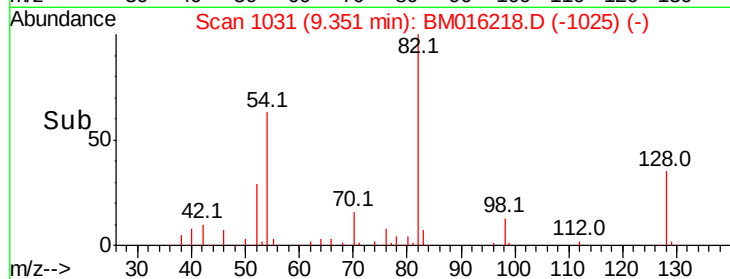
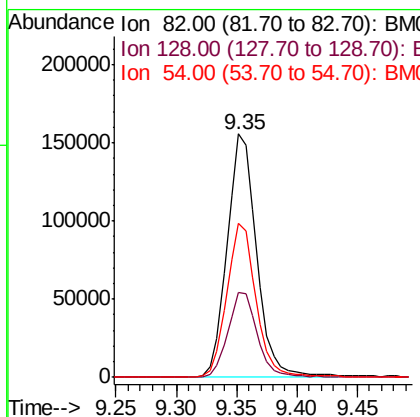
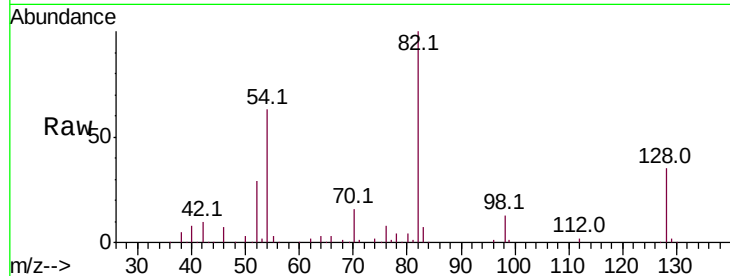




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.35 min Scan# 1031
Delta R.T. -0.06 min
Lab File: BM016218.D
Acq: 07 Aug 2018 08:02

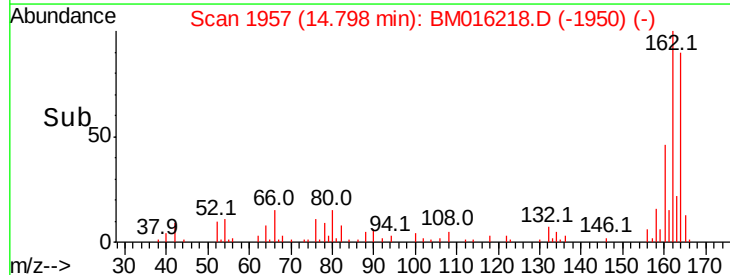
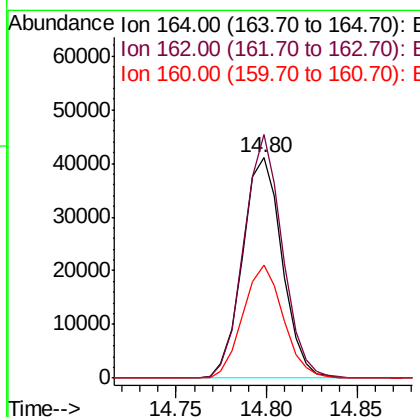
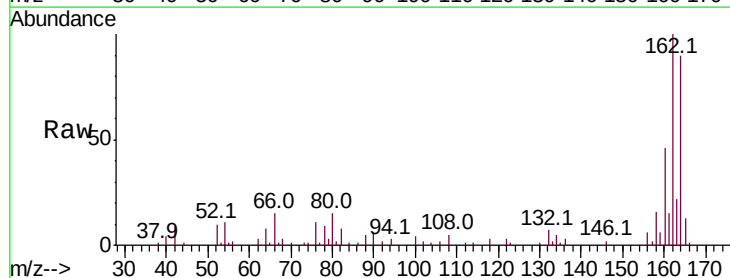
Instrument :
BNA_M
ClientSampleId :
080118-DBRI-E-U-S

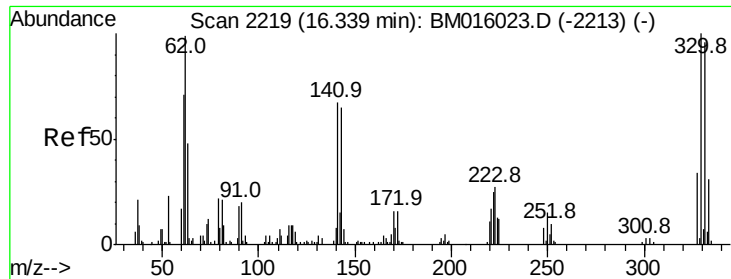
Tot Ion: 82 Resp: 264261
Ion Ratio Lower Upper
82 100
128 35.1 32.8 49.2
54 63.3 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1957
Delta R.T. -0.06 min
Lab File: BM016218.D
Acq: 07 Aug 2018 08:02

Tgt Ion:164 Resp: 62441
Ion Ratio Lower Upper
164 100
162 110.7 82.4 123.6
160 51.1 35.8 53.6

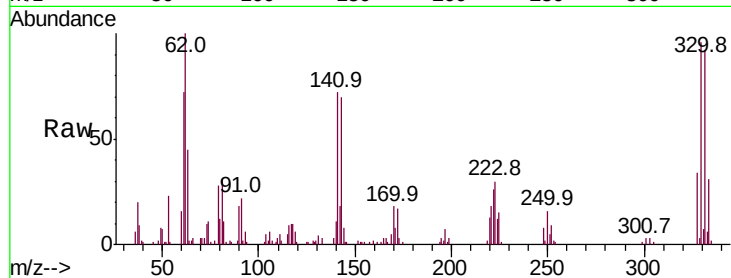




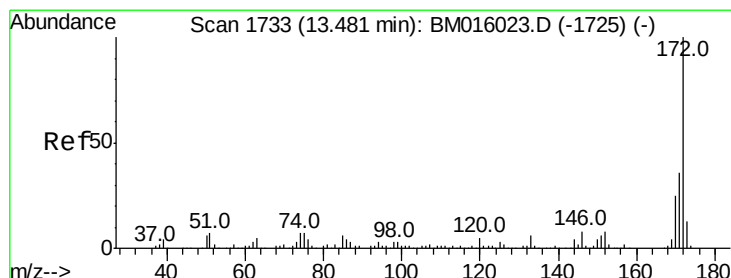
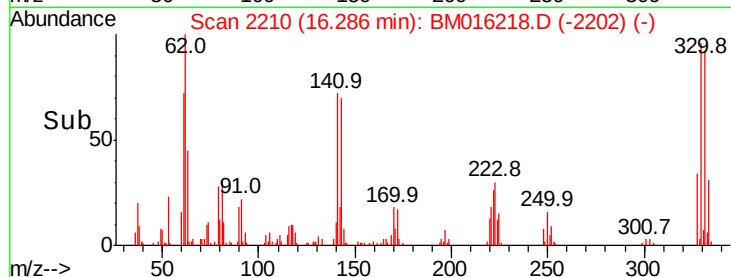
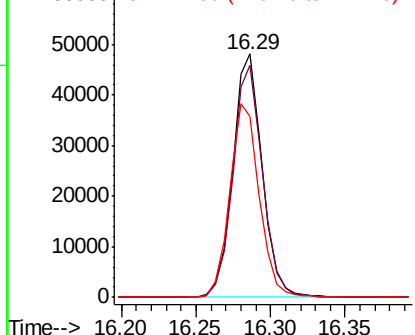
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016218.D
 Acq: 07 Aug 2018 08:02

Instrument :
 BNA_M
 ClientSampleId :
 080118-DBRI-E-U-S

Tot Ion:330 Resp: 66099
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 80.3 0.0 0.0#

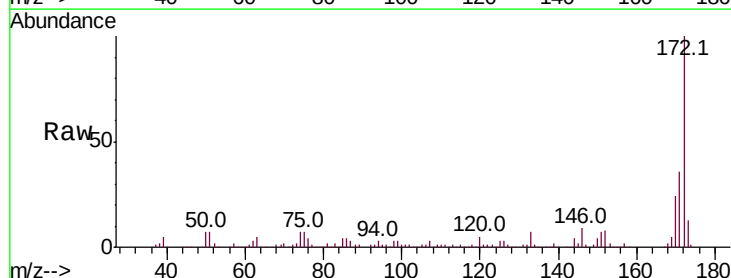


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

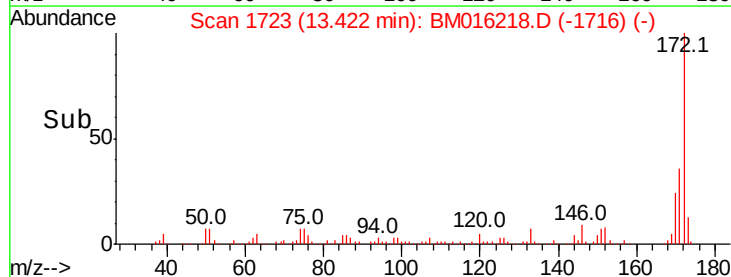
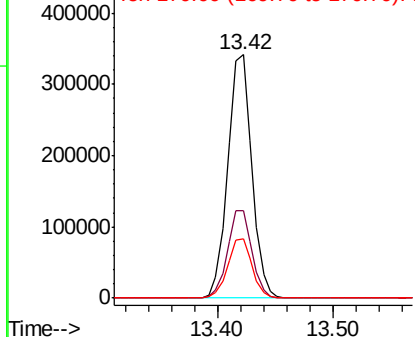


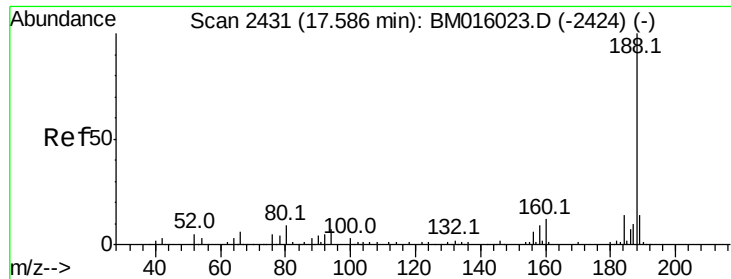
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016218.D
 Acq: 07 Aug 2018 08:02

Tgt Ion:172 Resp: 492393
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 24.1 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

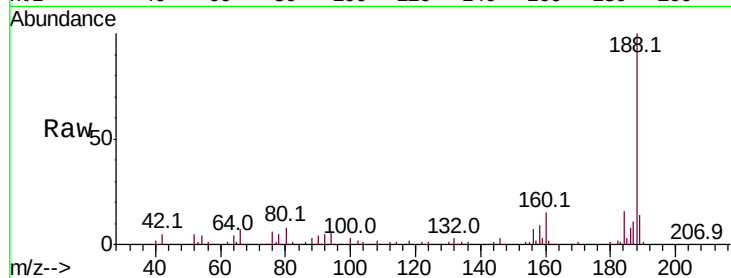




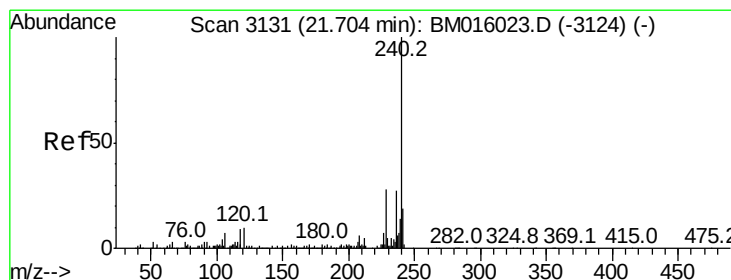
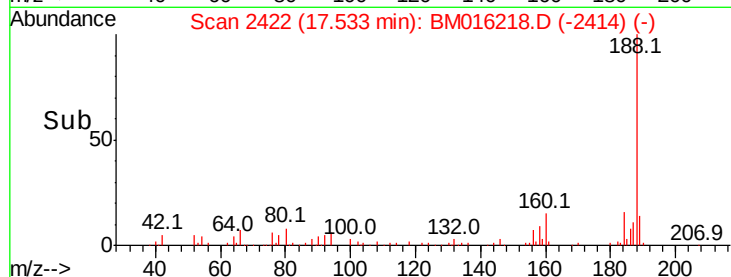
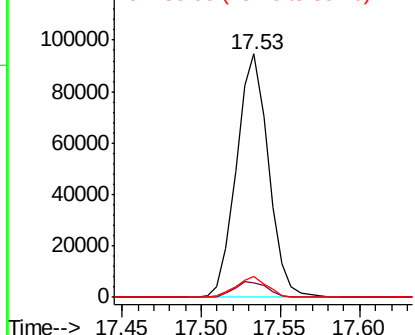
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BM016218.D
Acq: 07 Aug 2018 08:02

Instrument :
BNA_M
ClientSampleId :
080118-DBRI-E-U-S

Tot Ion:188 Resp: 132660
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 8.4 9.3 13.9#

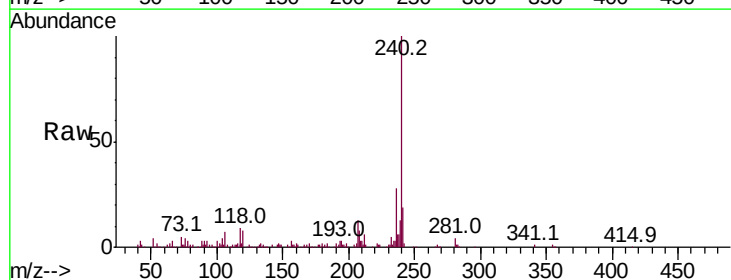


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

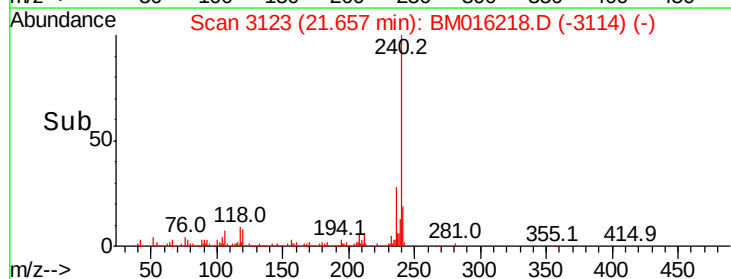
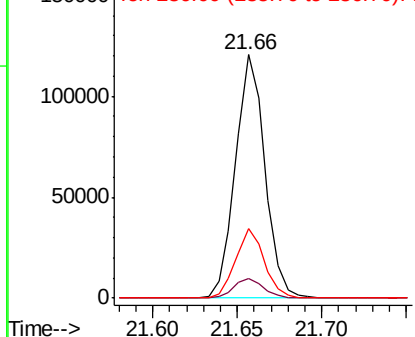


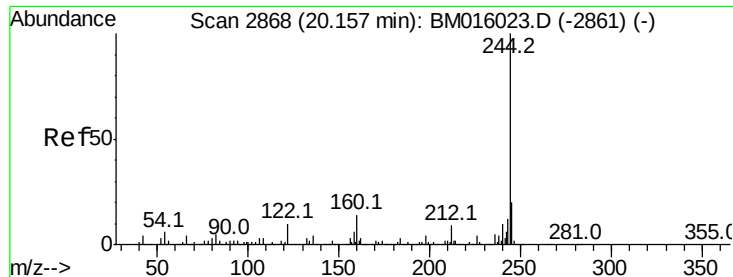
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3123
Delta R.T. -0.05 min
Lab File: BM016218.D
Acq: 07 Aug 2018 08:02

Tgt Ion:240 Resp: 146526
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 28.5 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: N.D. ng

RT: 20.11 min Scan# 2860

Delta R.T. -0.05 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

Instrument :

BNA_M

ClientSampleId :

080118-DBRI-E-U-S

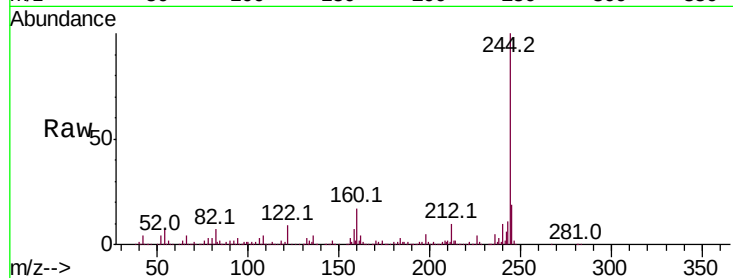
Tot Ion:244 Resp: 686658

Ion Ratio Lower Upper

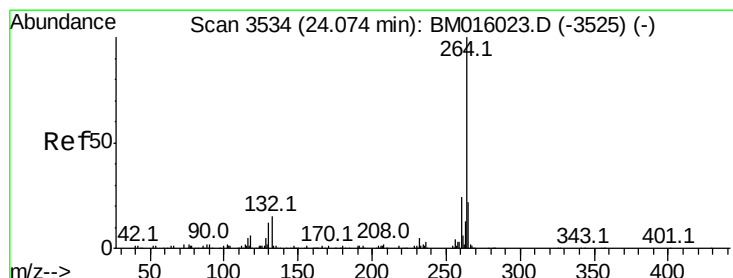
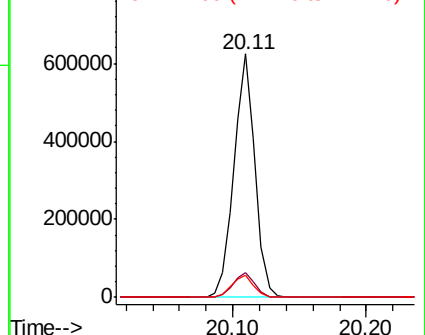
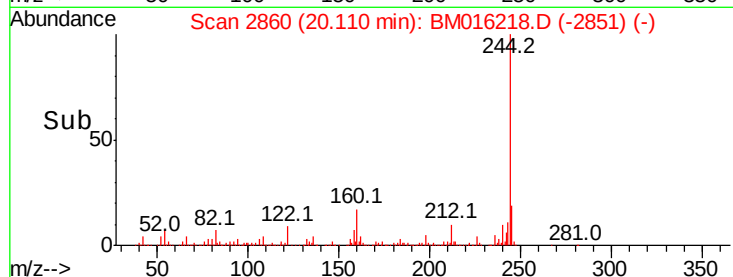
244 100

212 10.1 4.9 7.3#

122 8.8 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: 24.00 min Scan# 3522

Delta R.T. -0.07 min

Lab File: BM016218.D

Acq: 07 Aug 2018 08:02

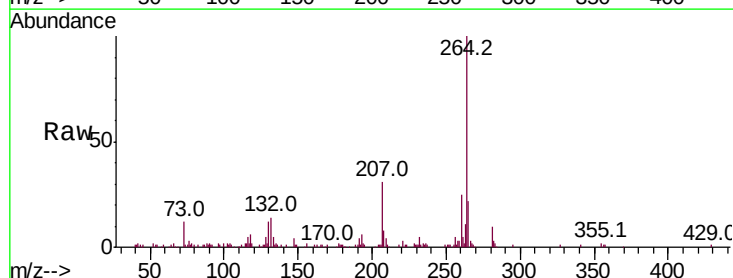
Tgt Ion:264 Resp: 160298

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 22.0 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

