

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016325.D
 Acq On : 13 Aug 2018 14:35
 Operator : SJ/JU
 Sample : J4423-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Quant Time: Aug 14 04:24:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

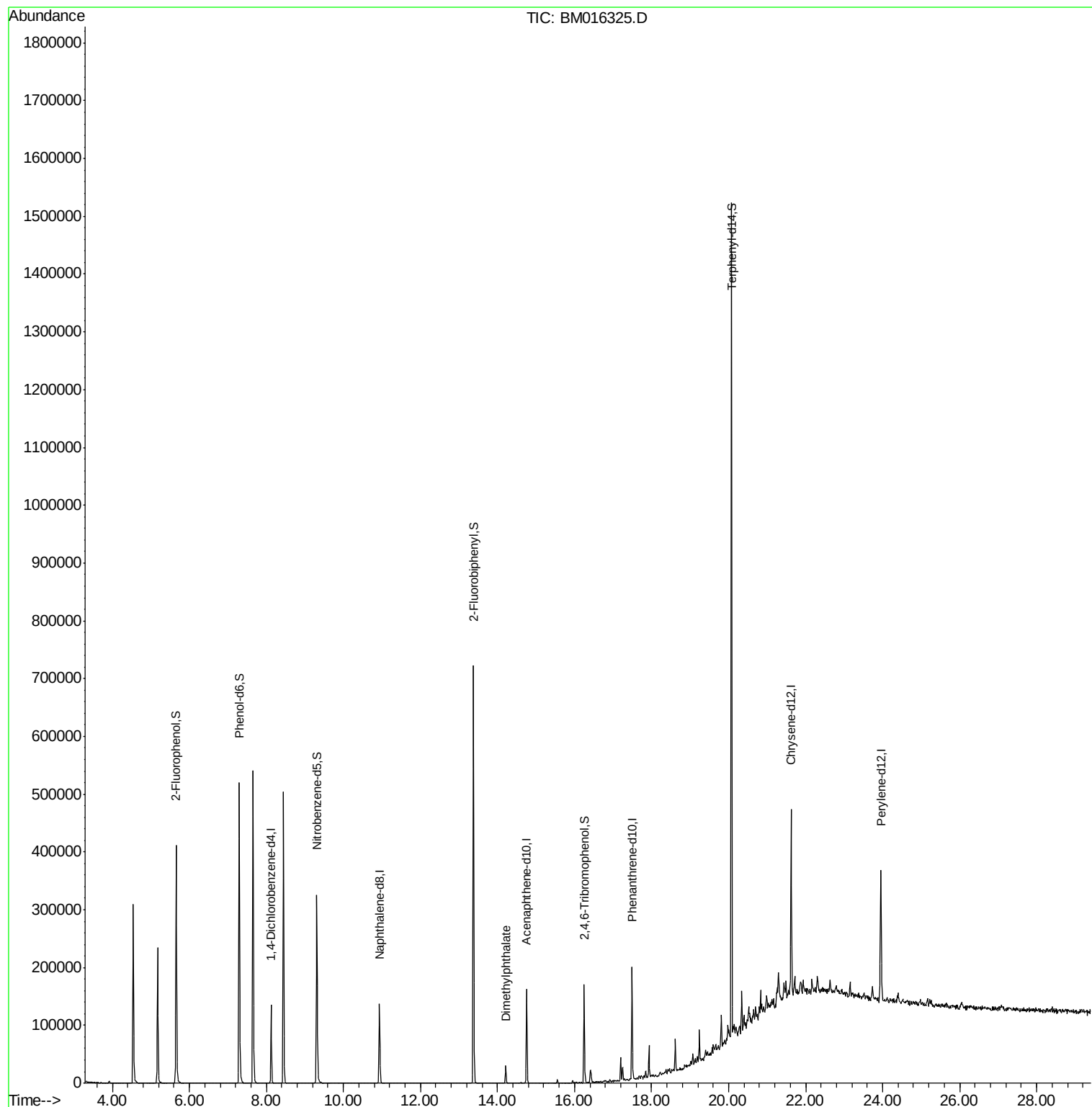
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26627	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	91038	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	42215	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	87987	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	121376	20.00	ng	-0.02
86) Perylene-d12	23.96	264	137279	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	132732	82.80	ng	-0.01
7) Phenol-d6	7.29	99	191515	91.49	ng	-0.01
23) Nitrobenzene-d5	9.31	82	154977	79.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	16882	31.53	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	271820	78.34	ng	-0.02
78) Terphenyl-d14	20.07	244	451312	77.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.22	163	18574	5.028	ng	99

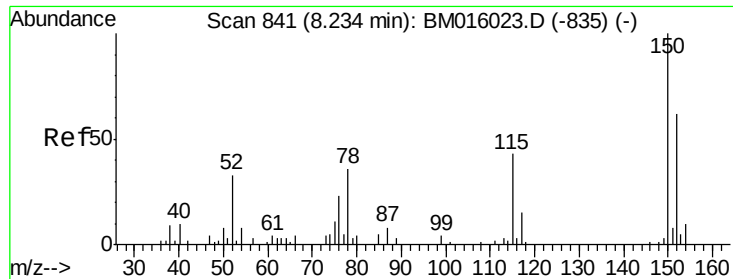
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

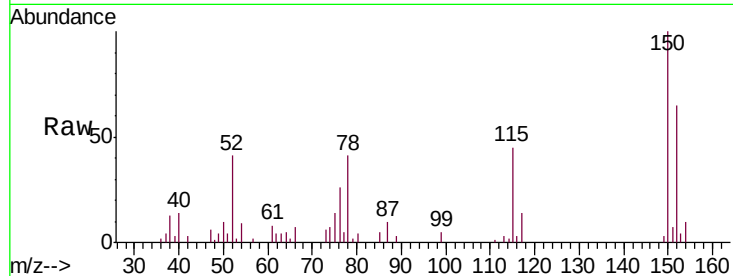




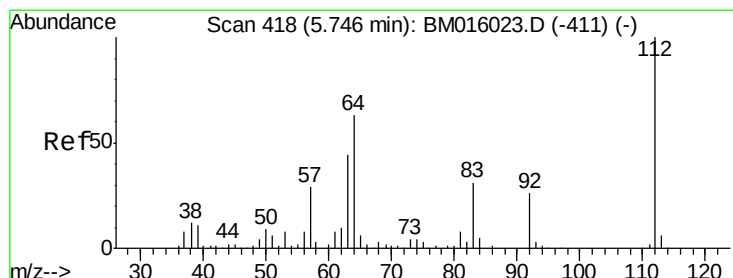
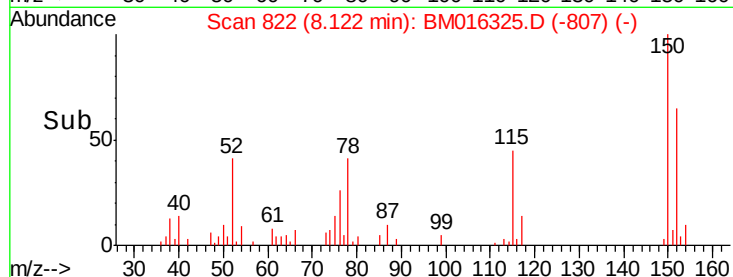
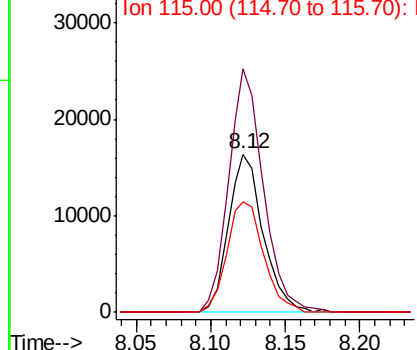
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Tgt Ion:152 Resp: 26627
 Ion Ratio Lower Upper
 152 100
 150 154.0 119.5 179.3
 115 69.7 43.0 64.4#

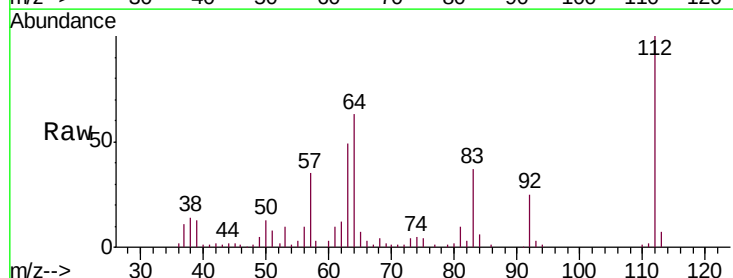


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

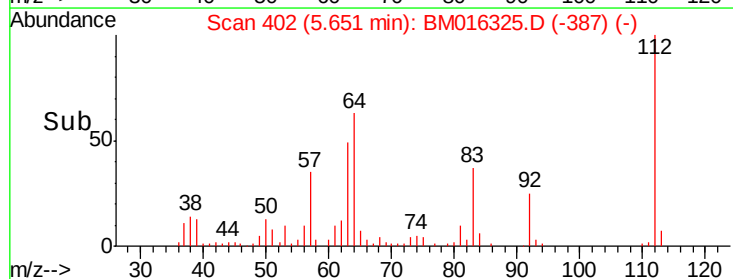
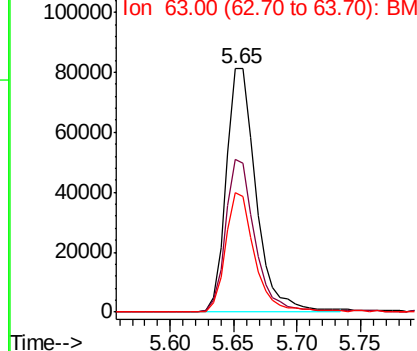


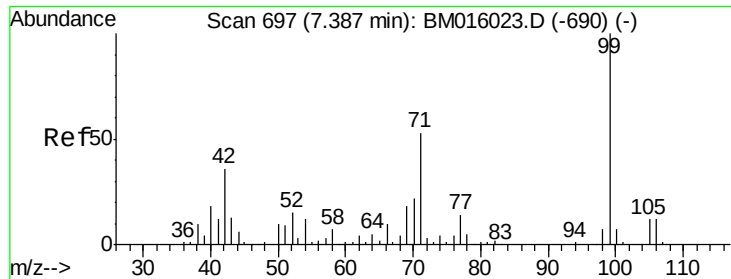
#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Tgt Ion:112 Resp: 132732
 Ion Ratio Lower Upper
 112 100
 64 62.9 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: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

Instrument :

BNA_M

ClientSampleId :

72-11944

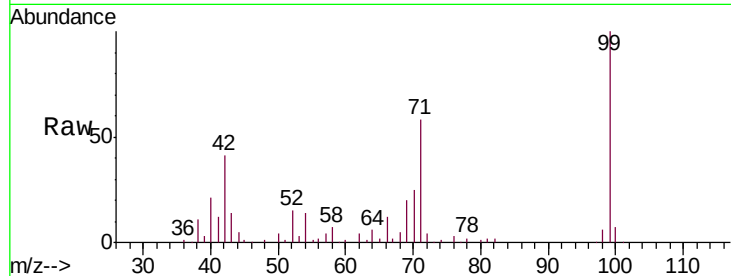
Tgt Ion: 99 Resp: 191515

Ion Ratio Lower Upper

99 100

42 40.8 11.0 16.4#

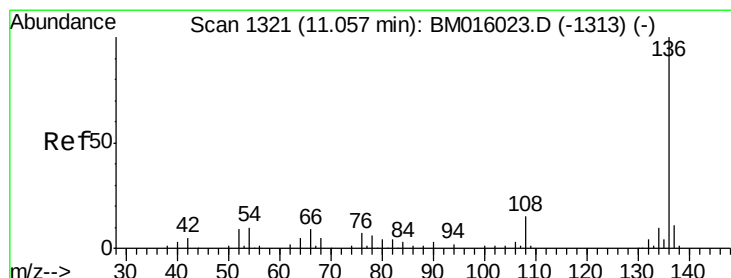
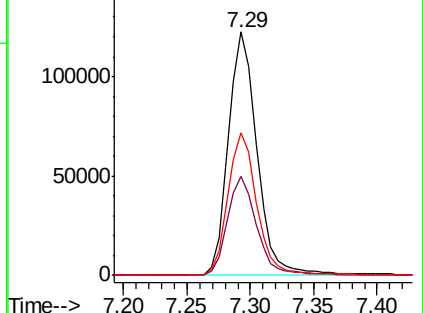
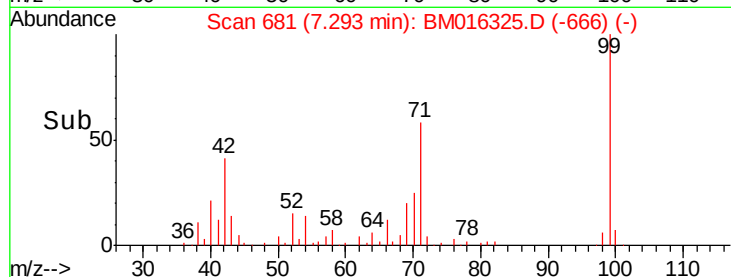
71 58.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016325.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016325.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016325.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

Tgt Ion: 136 Resp: 91038

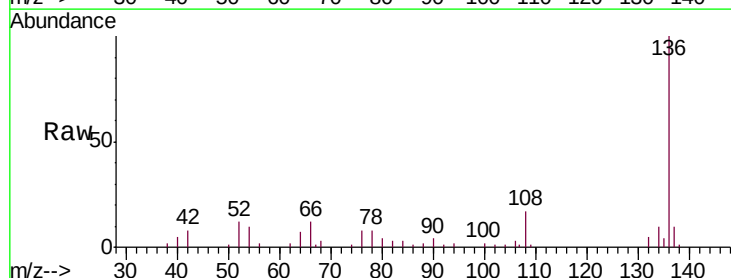
Ion Ratio Lower Upper

136 100

137 9.9 8.7 13.1

54 10.3 4.6 6.8#

68 3.0 3.7 5.5#

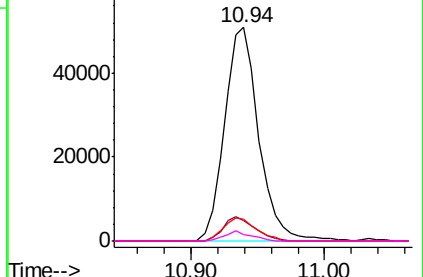
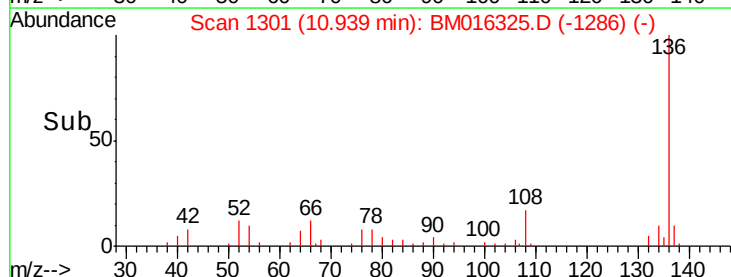


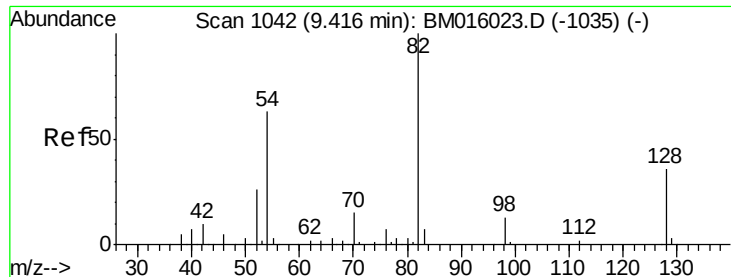
Abundance Ion 136.00 (135.70 to 136.70): BM016325.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016325.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016325.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016325.D (-1286) (-)

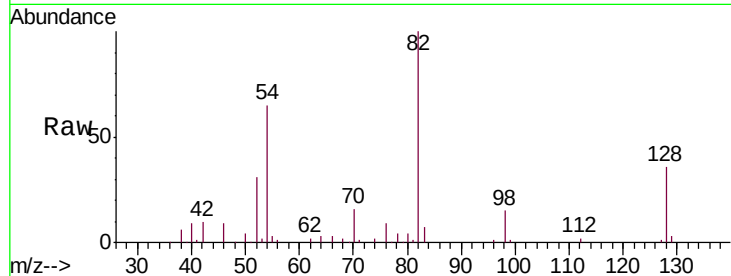




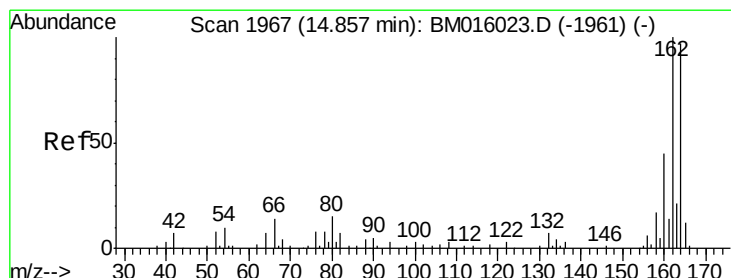
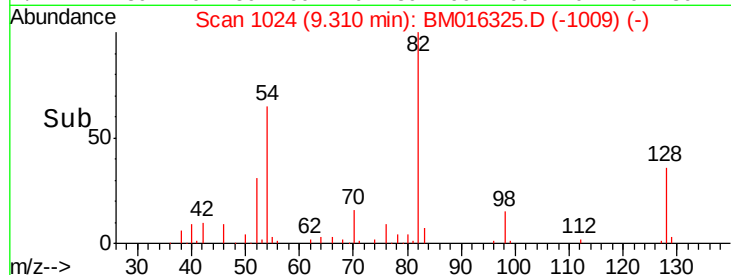
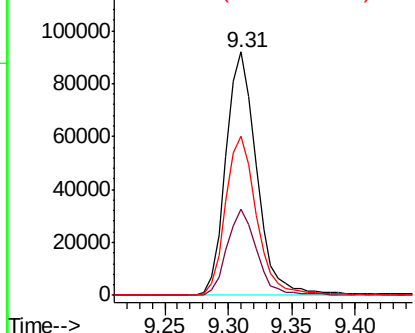
#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.31 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Tgt Ion: 82 Resp: 154977
 Ion Ratio Lower Upper
 82 100
 128 35.6 32.8 49.2
 54 65.5 40.6 60.8#

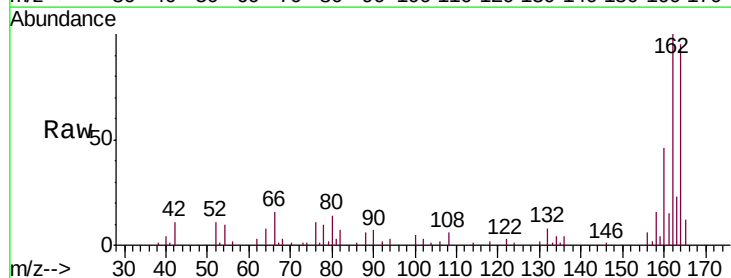


Abundance Ion 82.00 (81.70 to 82.70): BM016325.D (-1009) (-)
 Ion 128.00 (127.70 to 128.70): BM016325.D (-1009) (-)
 Ion 54.00 (53.70 to 54.70): BM016325.D (-1009) (-)

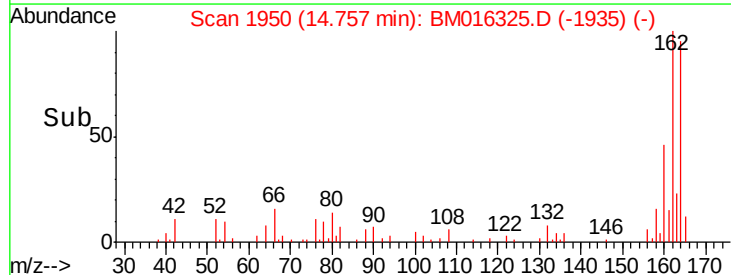
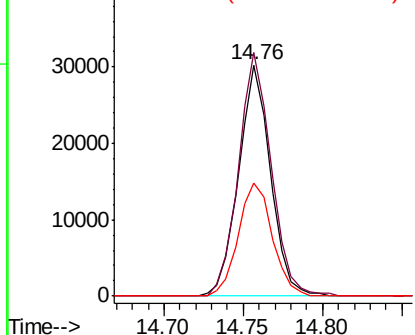


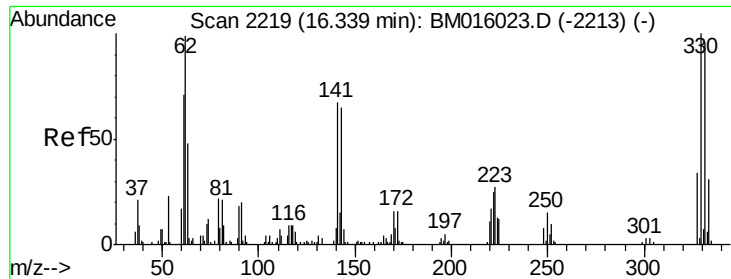
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Tgt Ion: 164 Resp: 42215
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.4 123.6
 160 48.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016325.D (-1935) (-)
 Ion 162.00 (161.70 to 162.70): BM016325.D (-1935) (-)
 Ion 160.00 (159.70 to 160.70): BM016325.D (-1935) (-)

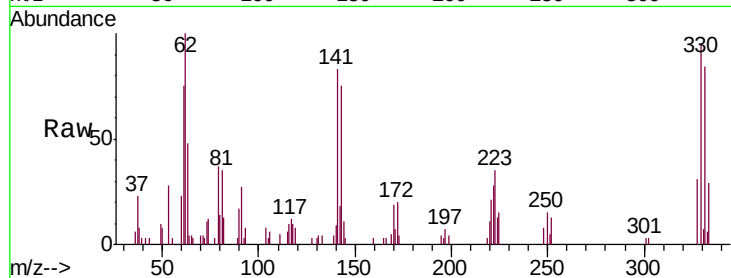




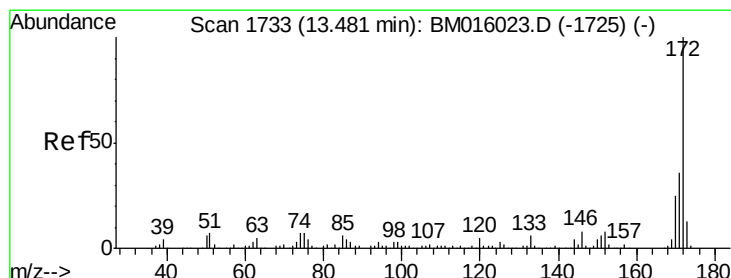
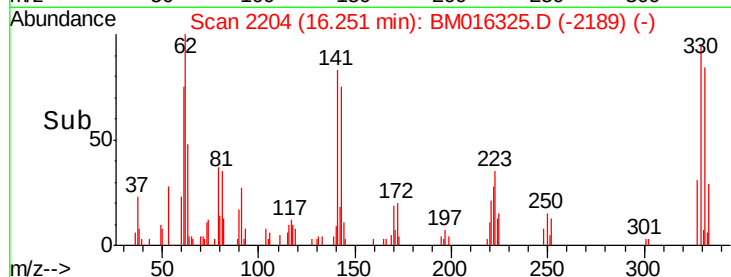
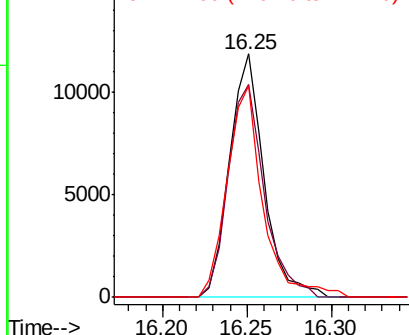
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Instrument :
 BNA_M
 ClientSampleId :
 72-11944

Tgt Ion: 330 Resp: 16882
 Ion Ratio Lower Upper
 330 100
 332 91.2 0.0 0.0#
 141 89.8 0.0 0.0#

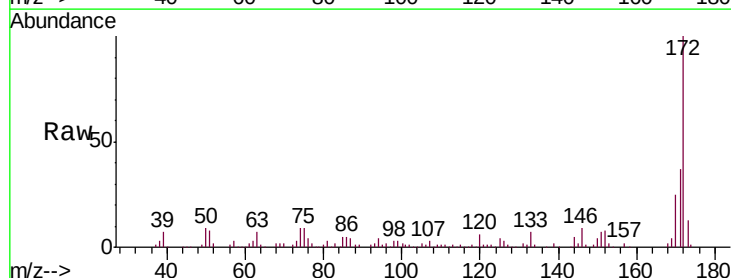


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

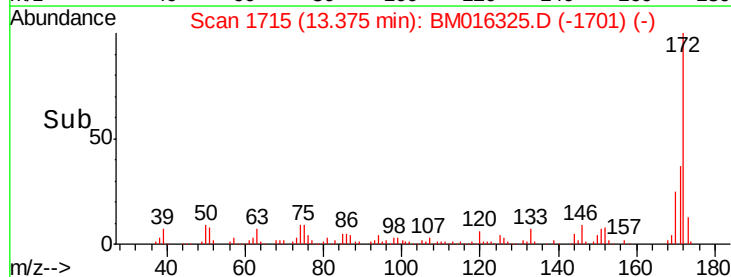
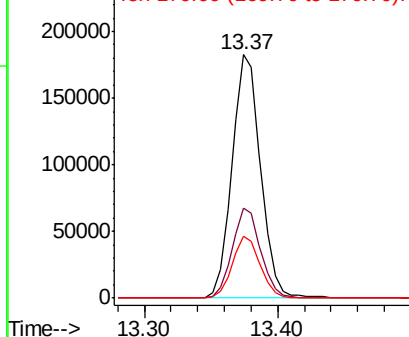


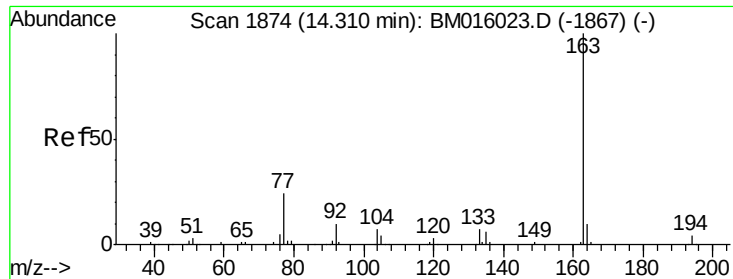
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016325.D
 Acq: 13 Aug 2018 14:35

Tgt Ion: 172 Resp: 271820
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 25.4 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: 5.028 ng

RT: 14.22 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

Instrument :

BNA_M

ClientSampleId :

72-11944

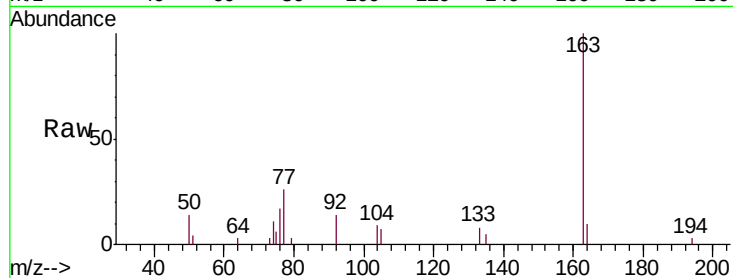
Tgt Ion:163 Resp: 18574

Ion Ratio Lower Upper

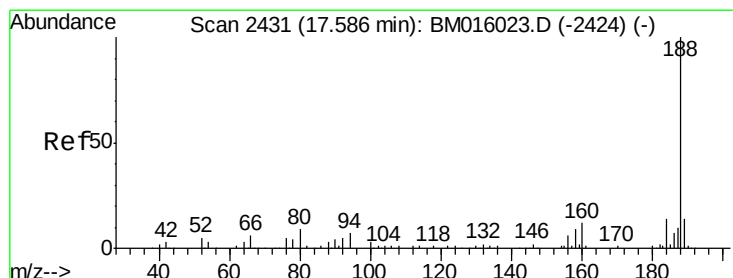
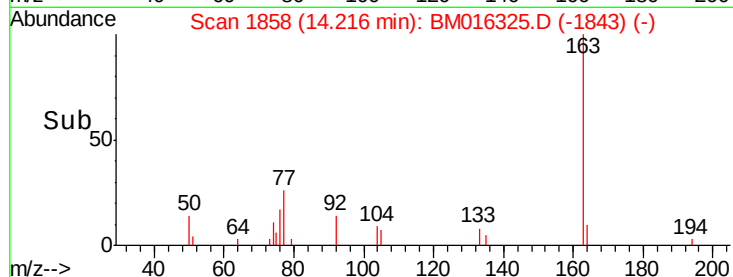
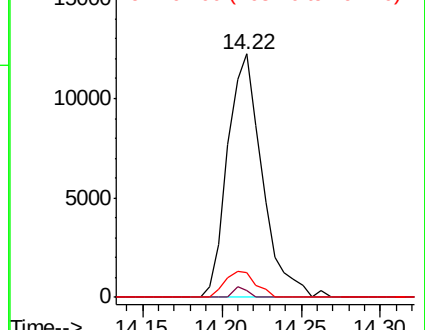
163 100

194 2.9 2.7 4.1

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2415

Delta R.T. -0.02 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

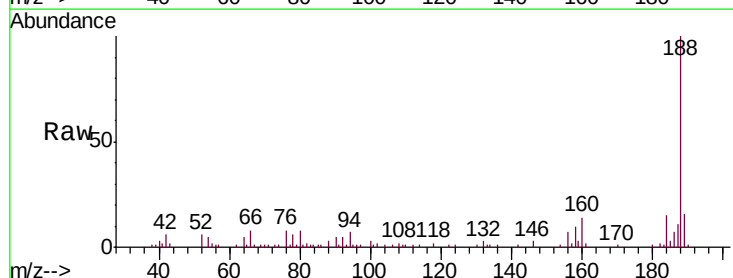
Tgt Ion:188 Resp: 87987

Ion Ratio Lower Upper

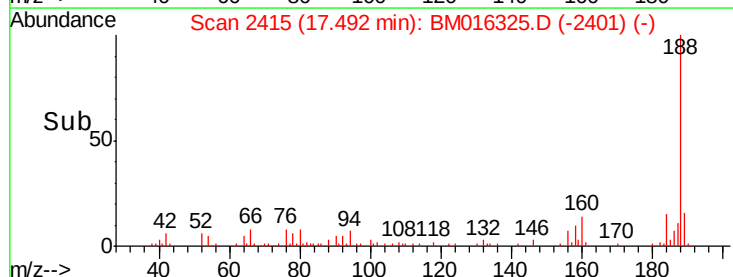
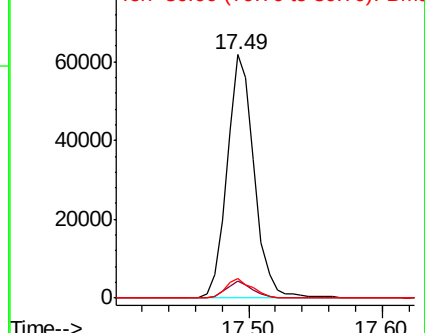
188 100

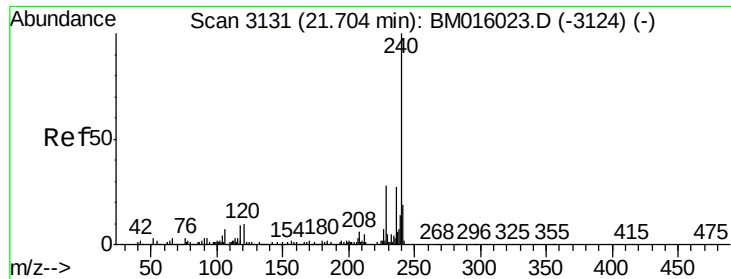
94 6.8 8.7 13.1#

80 7.9 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: 21.62 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

Instrument :

BNA_M

ClientSampleId :

72-11944

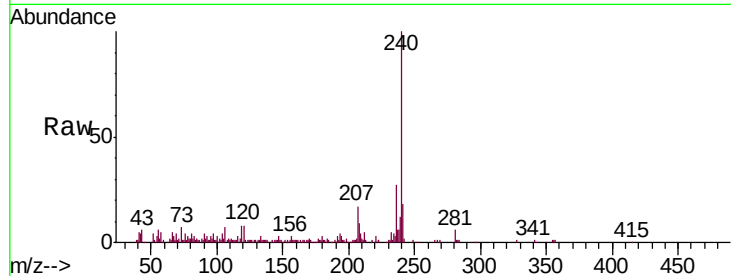
Tgt Ion:240 Resp: 121376

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

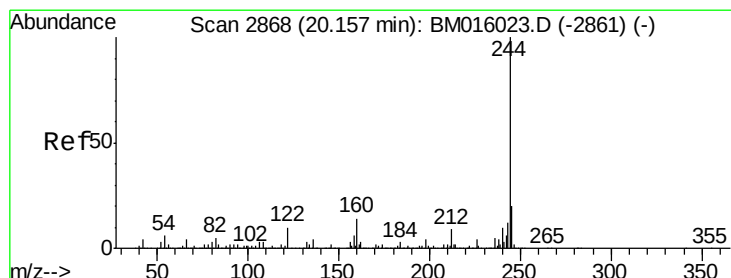
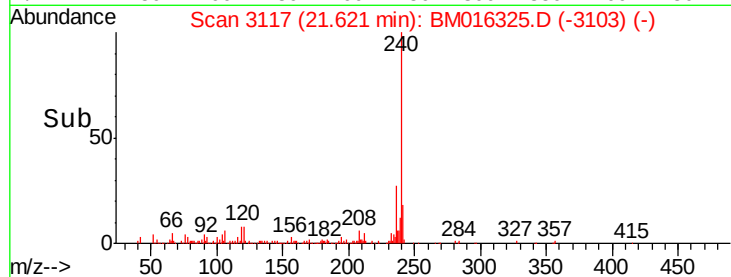
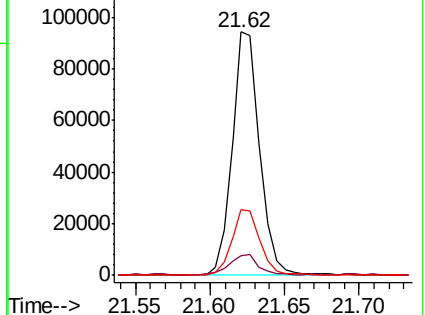
236 27.2 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016325.D

Acq: 13 Aug 2018 14:35

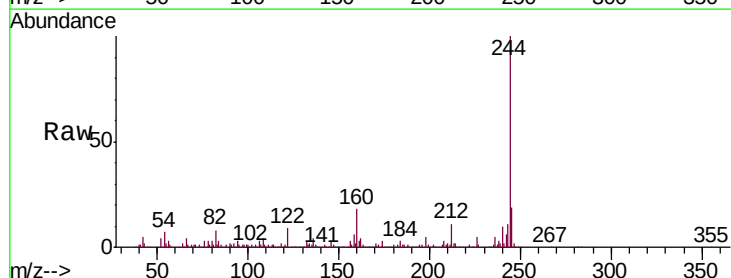
Tgt Ion:244 Resp: 451312

Ion Ratio Lower Upper

244 100

212 11.0 4.9 7.3#

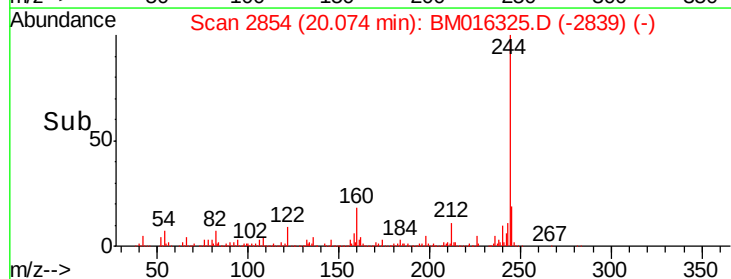
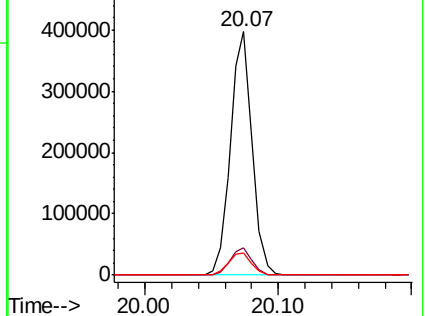
122 8.9 6.2 9.4

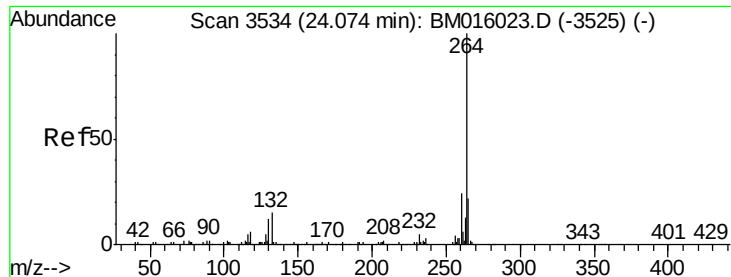


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.96 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BM016325.D
Acq: 13 Aug 2018 14:35

Instrument :
BNA_M
ClientSampleId :
72-11944

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.6	27.8
265	22.8	17.3	25.9

