

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016341.D
 Acq On : 14 Aug 2018 01:56
 Operator : SJ/JU
 Sample : J4447-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-6

Quant Time: Aug 14 05:13:44 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	22693	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	72394	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	33556	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	66329	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	78931	20.00	ng	-0.02
86) Perylene-d12	23.95	264	93727	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	165368	121.05	ng	-0.01
7) Phenol-d6	7.29	99	165721	92.89	ng	-0.01
23) Nitrobenzene-d5	9.30	82	163648	105.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	52222	122.70	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	275266	99.81	ng	-0.02
78) Terphenyl-d14	20.07	244	428521	113.65	ng	-0.02

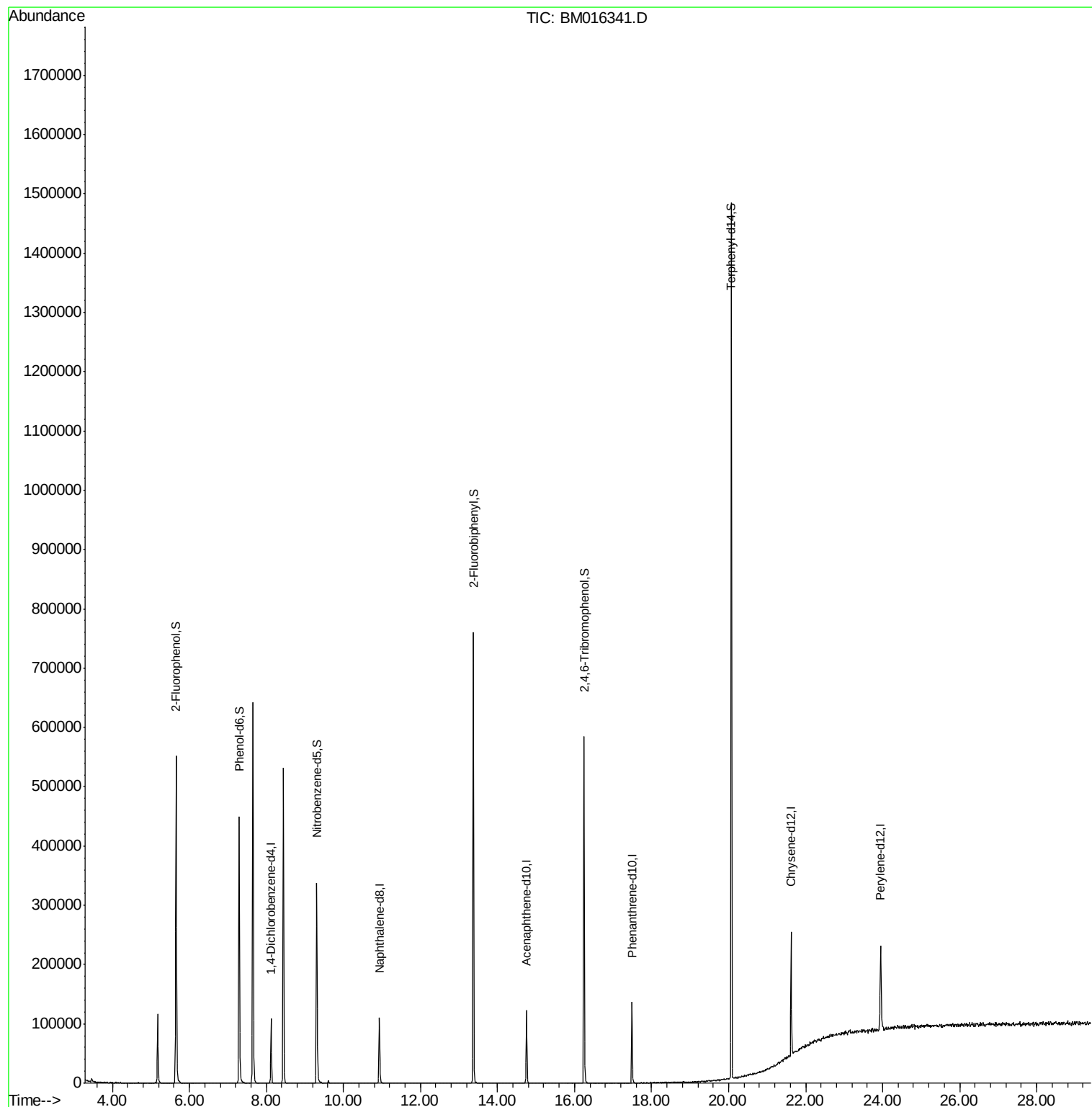
Target Compounds	Qvalue
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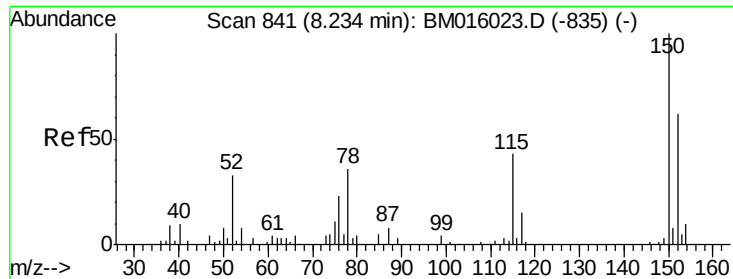
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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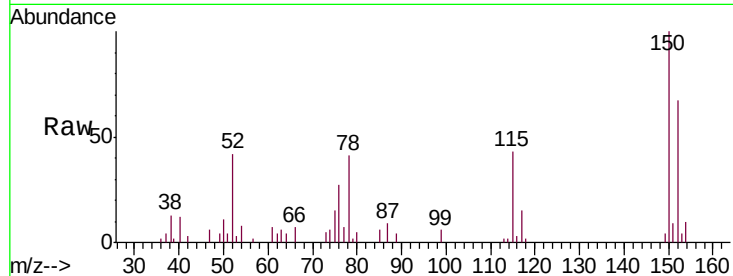




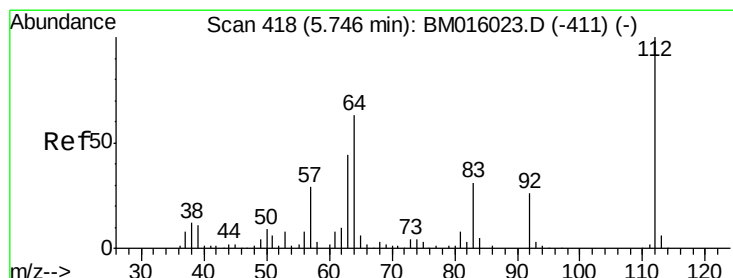
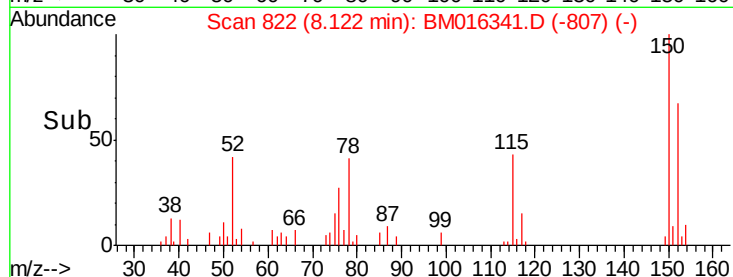
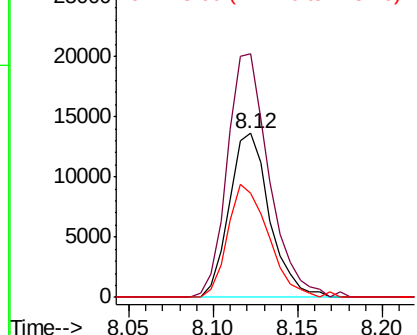
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Instrument :
 BNA_M
 ClientSampled :
 SP-1-6

Tgt Ion:152 Resp: 22693
 Ion Ratio Lower Upper
 152 100
 150 148.7 119.5 179.3
 115 63.4 43.0 64.4

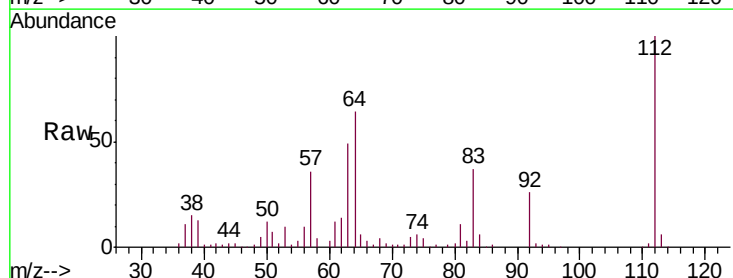


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

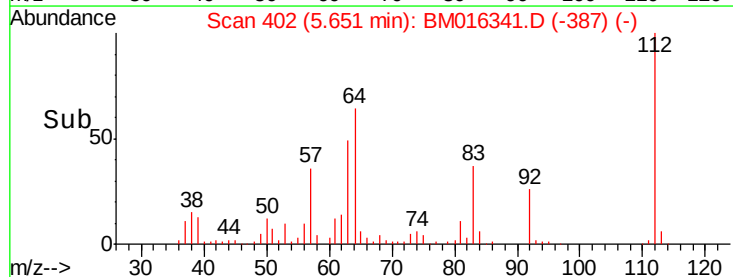
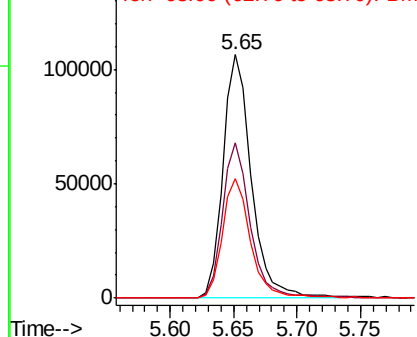


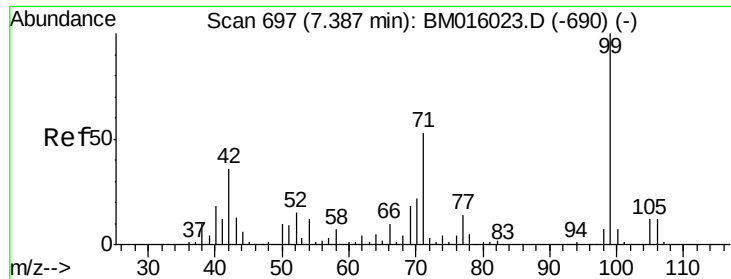
#5
 2-Fluorophenol
 Concen: N.D. ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Tgt Ion:112 Resp: 165368
 Ion Ratio Lower Upper
 112 100
 64 63.7 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: BM016341.D

Acq: 14 Aug 2018 01:56

Instrument :

BNA_M

ClientSampled :

SP-1-6

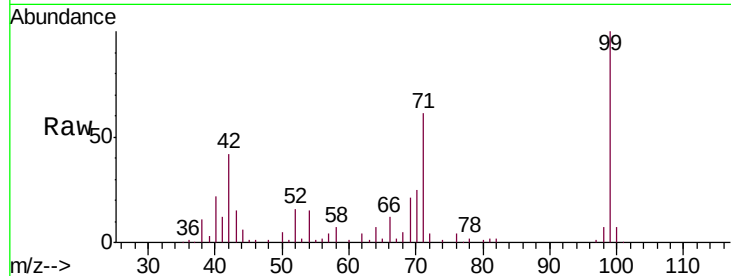
Tgt Ion: 99 Resp: 165721

Ion Ratio Lower Upper

99 100

42 42.3 11.0 16.4#

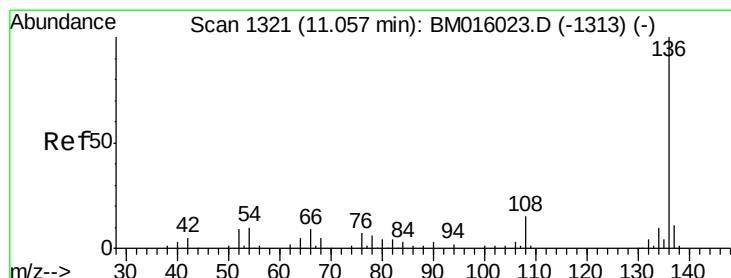
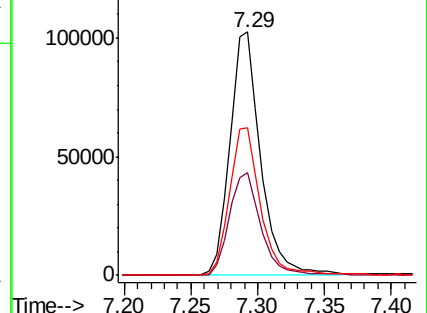
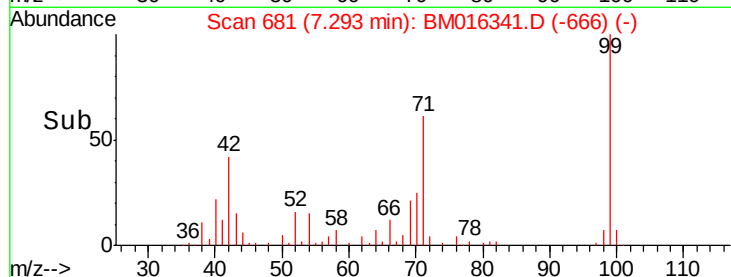
71 60.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016341.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016341.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016341.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016341.D

Acq: 14 Aug 2018 01:56

Tgt Ion: 136 Resp: 72394

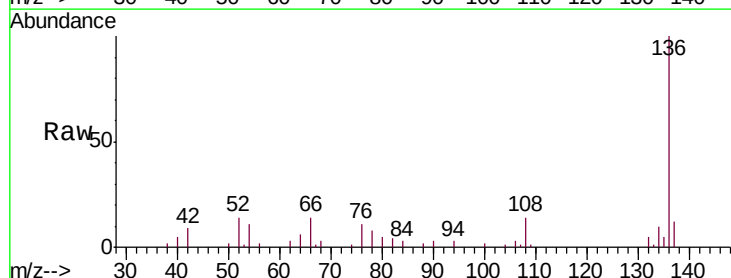
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 11.4 4.6 6.8#

68 2.9 3.7 5.5#

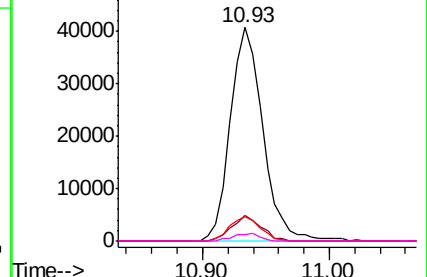
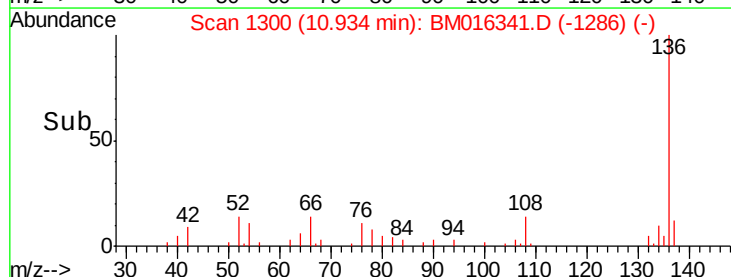


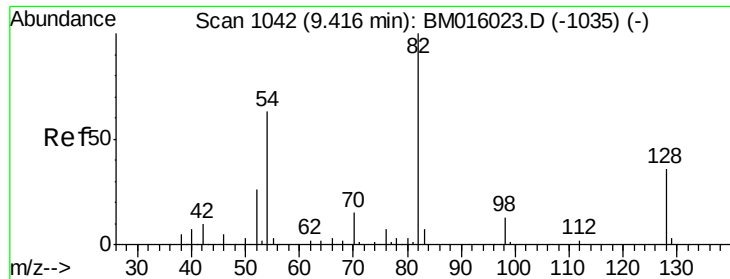
Abundance Ion 136.00 (135.70 to 136.70): BM016341.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016341.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016341.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016341.D (-1286) (-)

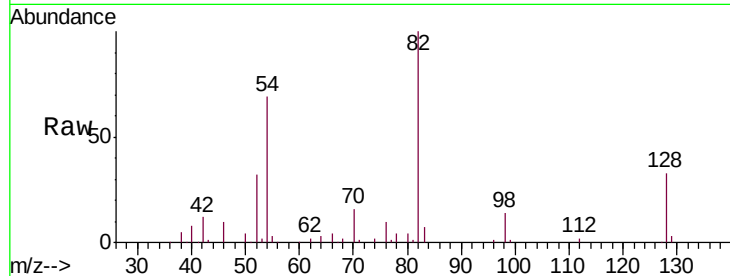




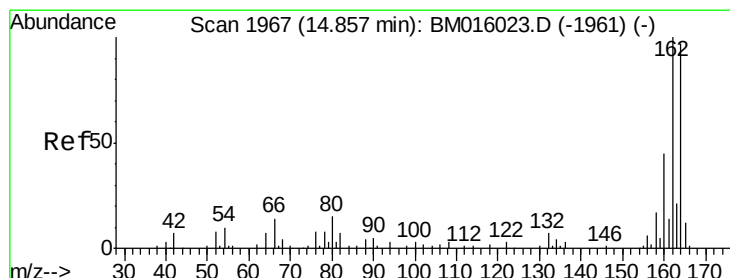
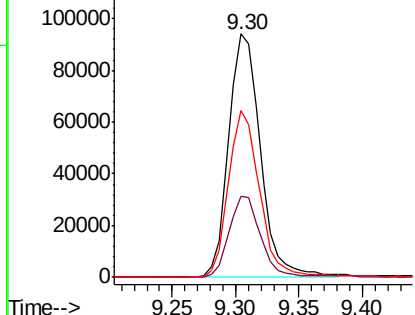
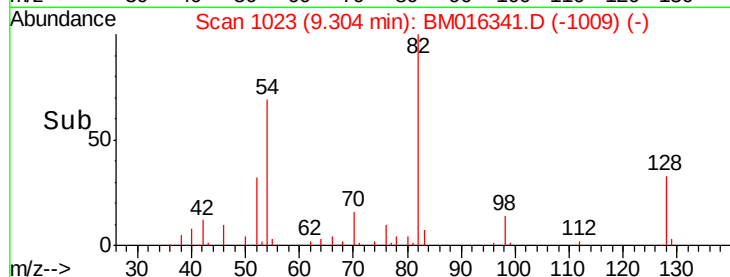
#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Instrument :
 BNA_M
 ClientSampleId :
 SP-1-6

Tgt Ion: 82 Resp: 163648
 Ion Ratio Lower Upper
 82 100
 128 33.2 32.8 49.2
 54 68.7 40.6 60.8#

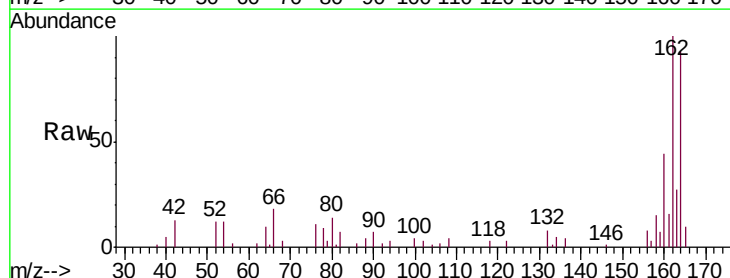


Abundance Ion 82.00 (81.70 to 82.70): BM016341.D (-1009) (-)
 Ion 128.00 (127.70 to 128.70): BM016341.D (-1009) (-)
 Ion 54.00 (53.70 to 54.70): BM016341.D (-1009) (-)

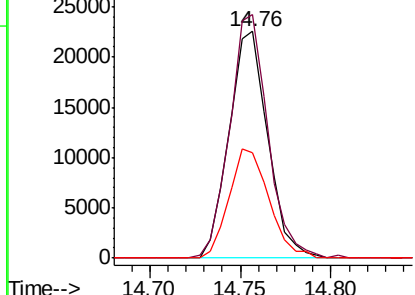
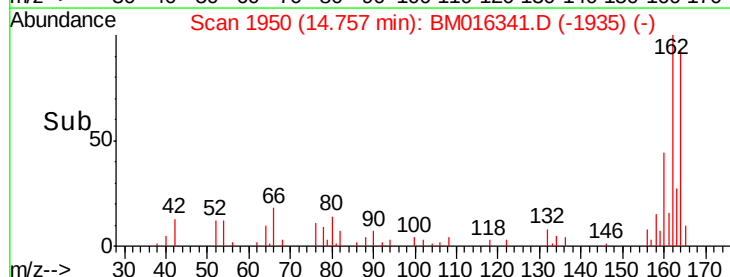


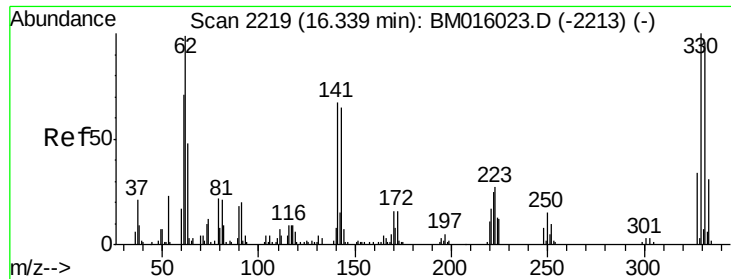
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Tgt Ion: 164 Resp: 33556
 Ion Ratio Lower Upper
 164 100
 162 107.6 82.4 123.6
 160 46.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016341.D (-1935) (-)
 Ion 162.00 (161.70 to 162.70): BM016341.D (-1935) (-)
 Ion 160.00 (159.70 to 160.70): BM016341.D (-1935) (-)

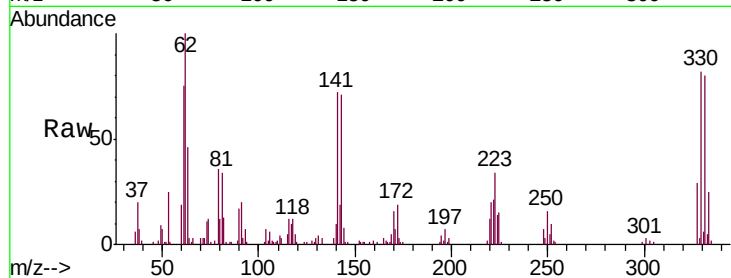




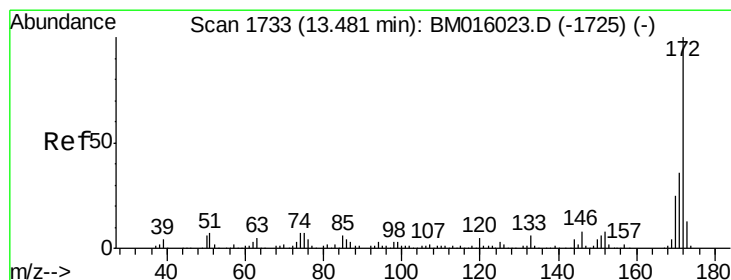
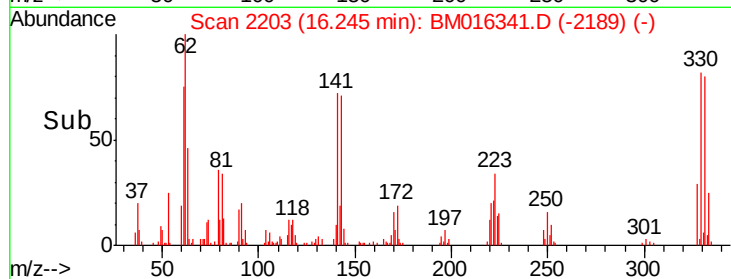
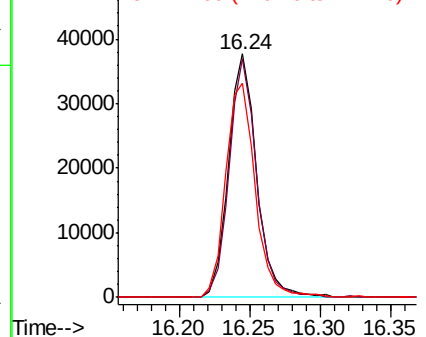
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Instrument :
 BNA_M
 ClientSampleID :
 SP-1-6

Tgt Ion: 330 Resp: 52222
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 92.3 0.0 0.0#

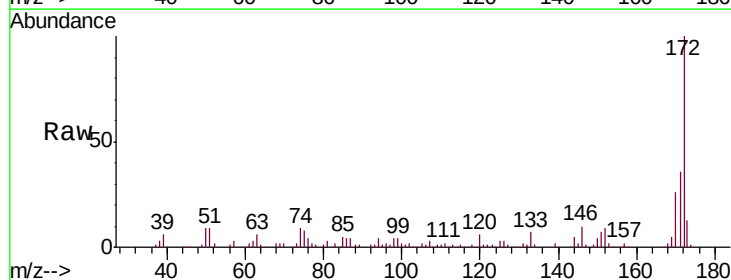


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

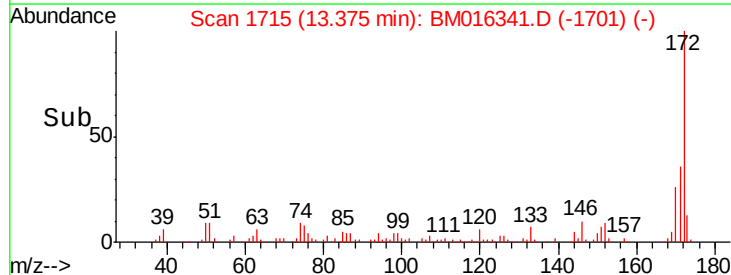
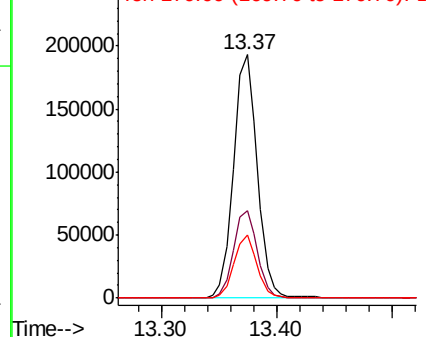


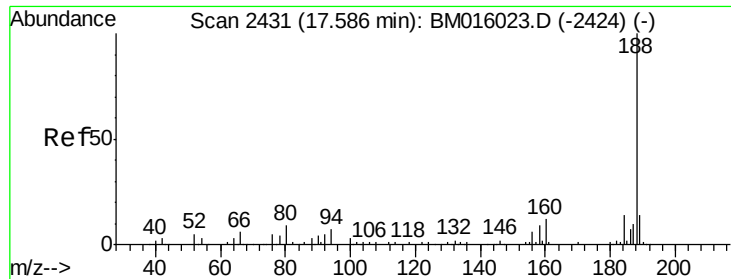
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016341.D
 Acq: 14 Aug 2018 01:56

Tgt Ion: 172 Resp: 275266
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 25.9 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

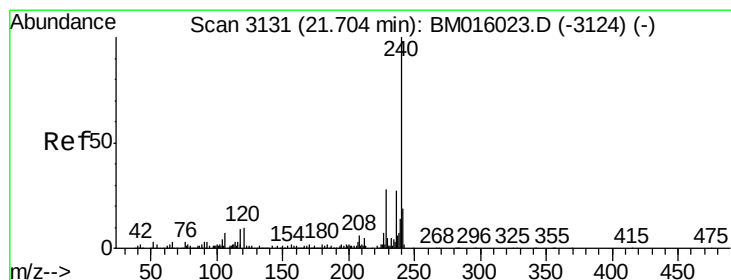
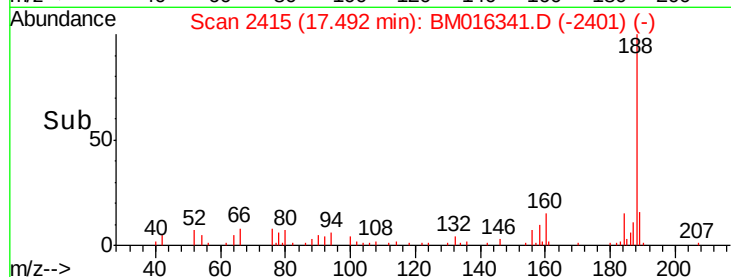
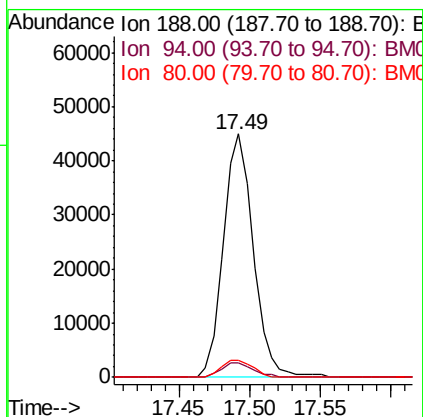
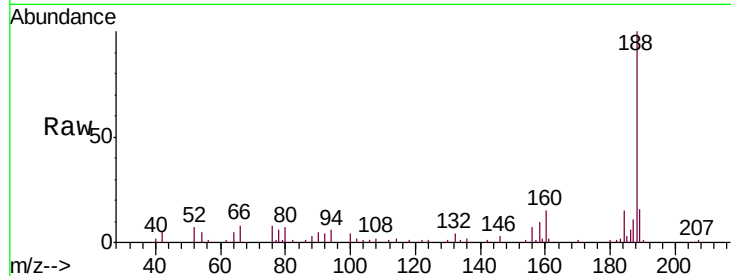




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016341.D
Acq: 14 Aug 2018 01:56

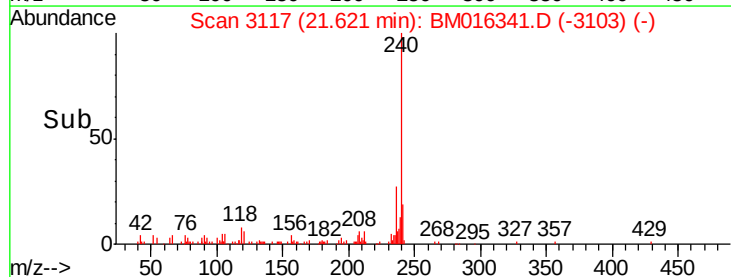
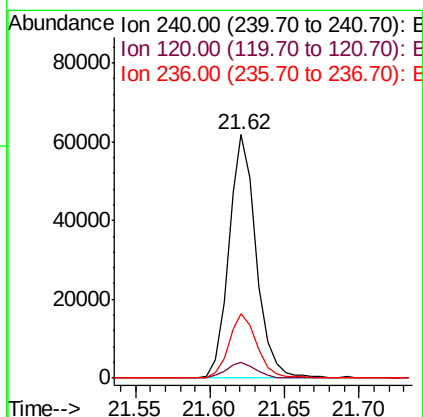
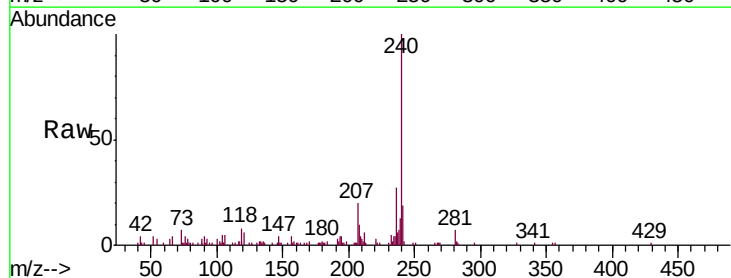
Instrument :
BNA_M
ClientSampleId :
SP-1-6

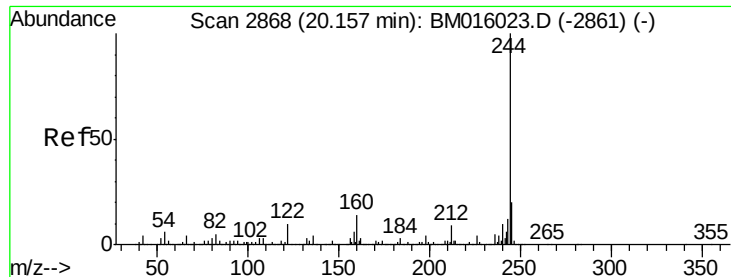
Tgt Ion:188 Resp: 66329
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016341.D
Acq: 14 Aug 2018 01:56

Tgt Ion:240 Resp: 78931
Ion Ratio Lower Upper
240 100
120 6.5 8.2 12.2#
236 26.6 20.0 30.0





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.02 min

Lab File: BM016341.D

Acq: 14 Aug 2018 01:56

Instrument :

BNA_M

ClientSampled :

SP-1-6

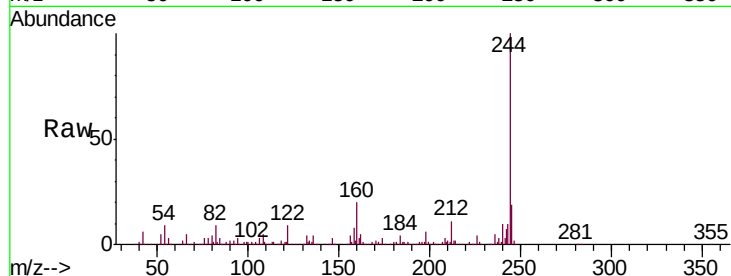
Tgt Ion:244 Resp: 428521

Ion Ratio Lower Upper

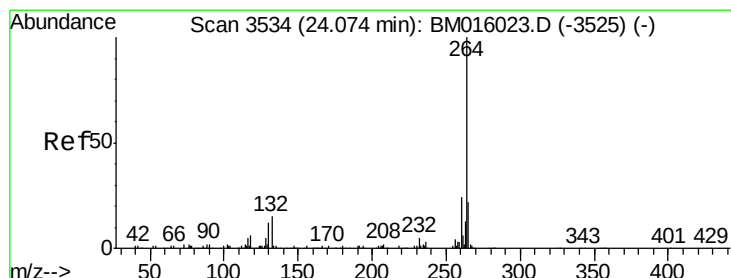
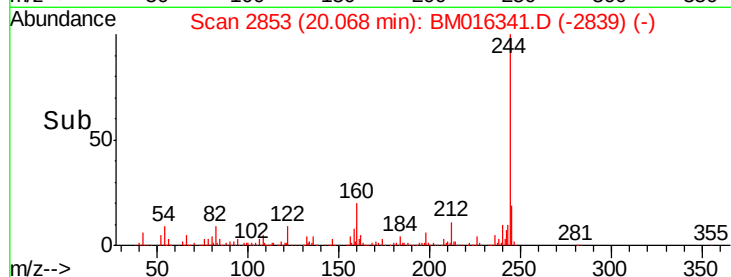
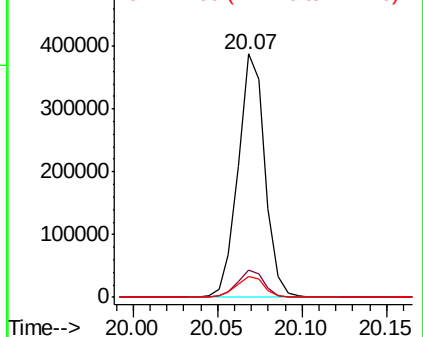
244 100

212 11.3 4.9 7.3#

122 8.6 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: 23.95 min Scan# 3513

Delta R.T. -0.02 min

Lab File: BM016341.D

Acq: 14 Aug 2018 01:56

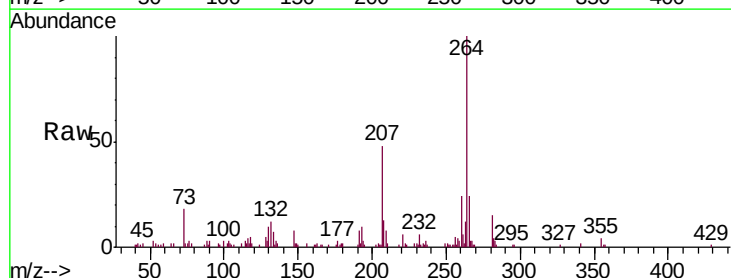
Tgt Ion:264 Resp: 93727

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 23.9 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

