

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016321.D
 Acq On : 13 Aug 2018 12:10
 Operator : SJ/JU
 Sample : J4272-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

Quant Time: Aug 14 04:18:27 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	25511	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	86481	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	39964	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	77145	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	91325	20.00	ng	-0.02
86) Perylene-d12	23.96	264	107846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	233598	152.10	ng	0.00
7) Phenol-d6	7.30	99	233034	116.19	ng	0.00
23) Nitrobenzene-d5	9.31	82	227720	122.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	73795	145.59	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	401132	122.13	ng	-0.01
78) Terphenyl-d14	20.07	244	572798	131.29	ng	-0.01

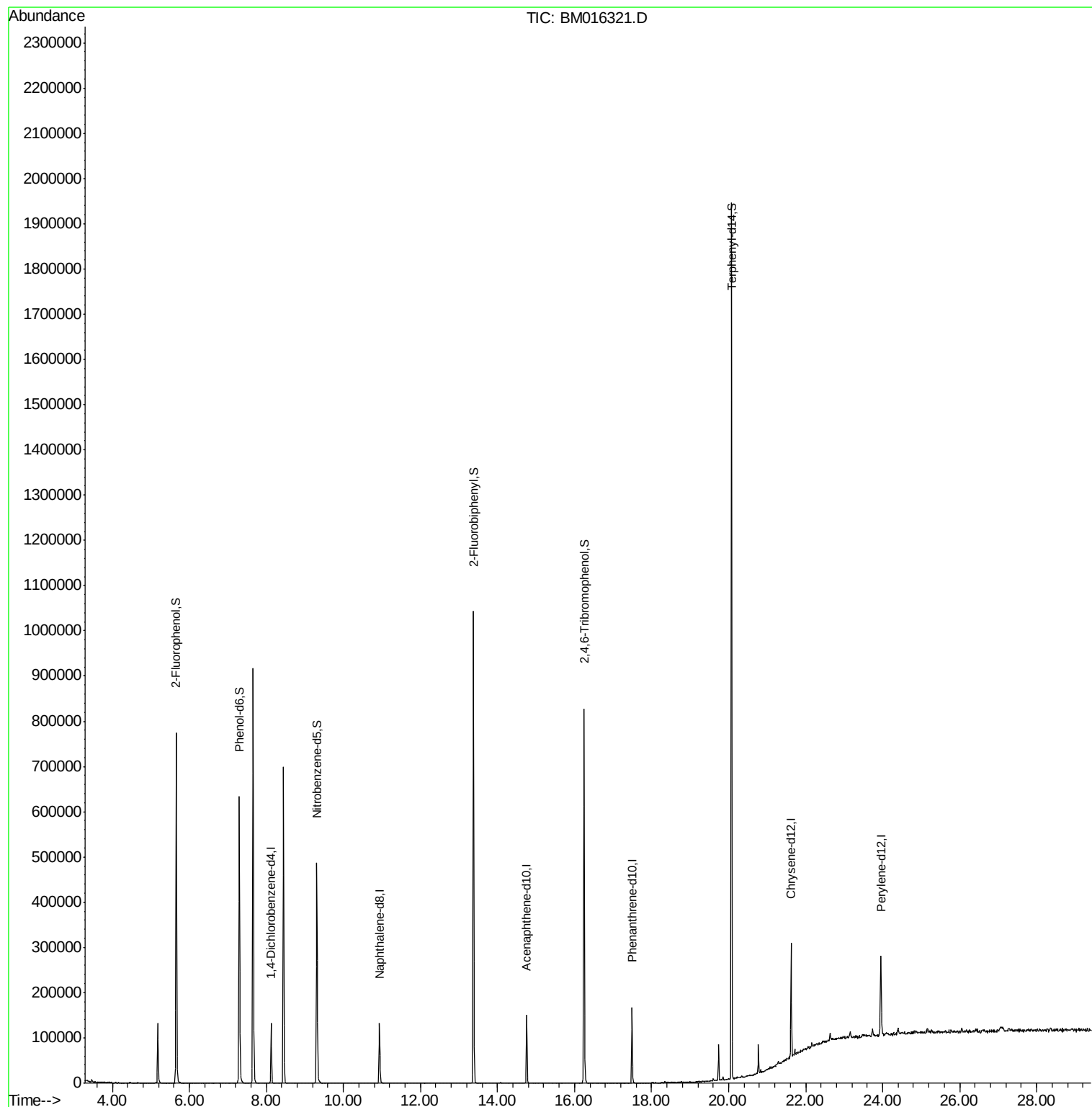
Target Compounds	Qvalue
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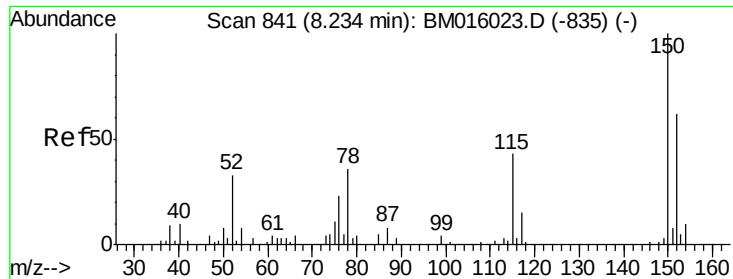
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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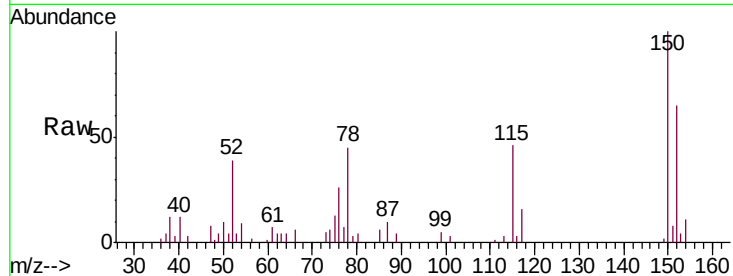


#1

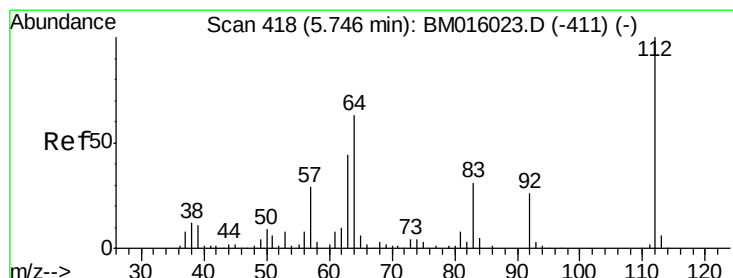
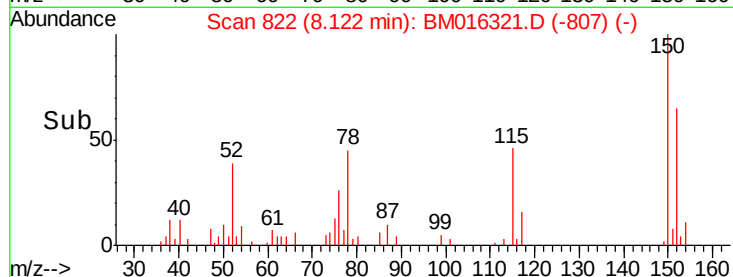
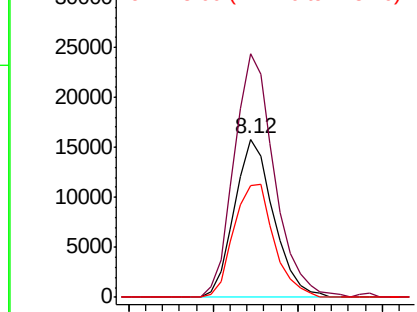
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-E

Tgt Ion:152 Resp: 25511
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 70.6 43.0 64.4#



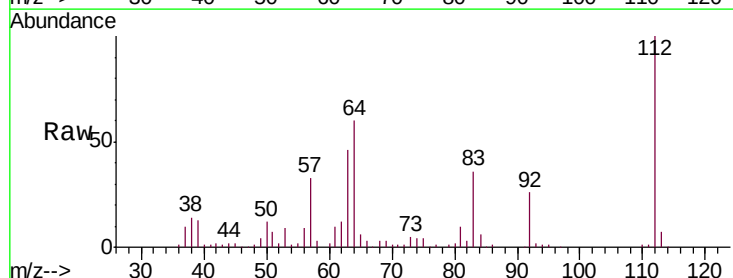
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



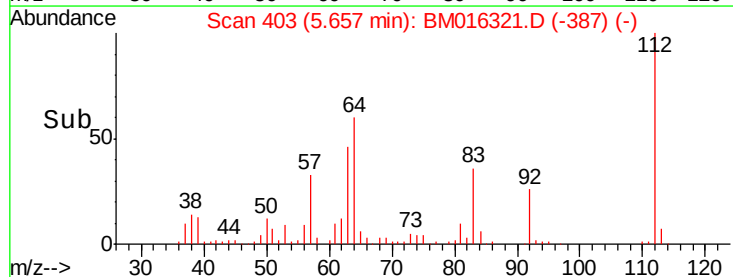
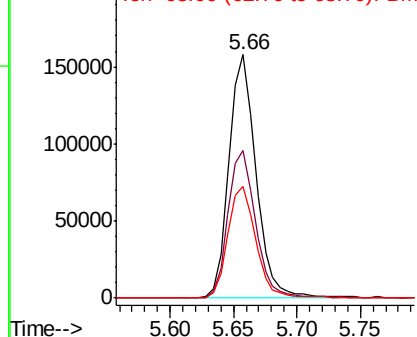
#5

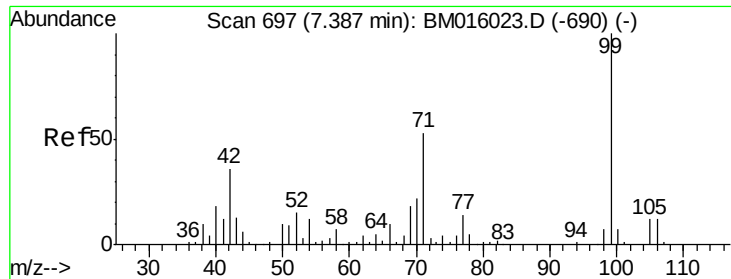
2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Tgt Ion:112 Resp: 233598
Ion Ratio Lower Upper
112 100
64 60.4 38.6 57.8#
63 45.8 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: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016321.D

Acq: 13 Aug 2018 12:10

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-E

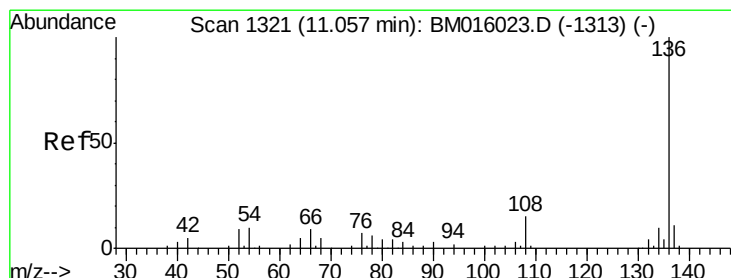
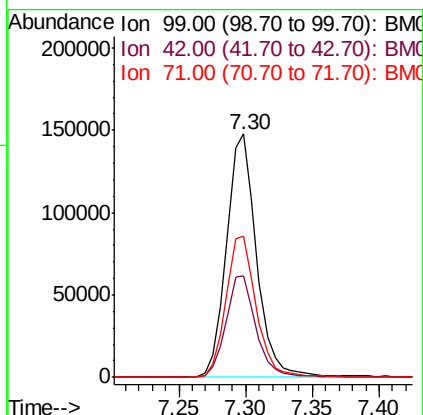
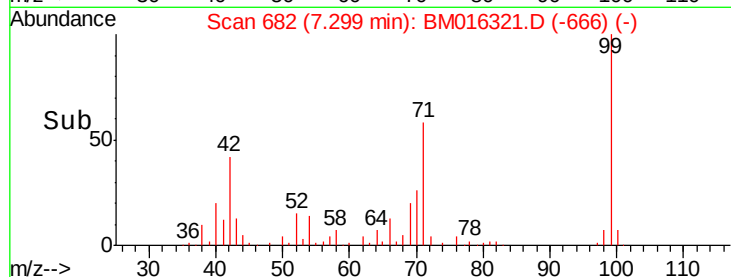
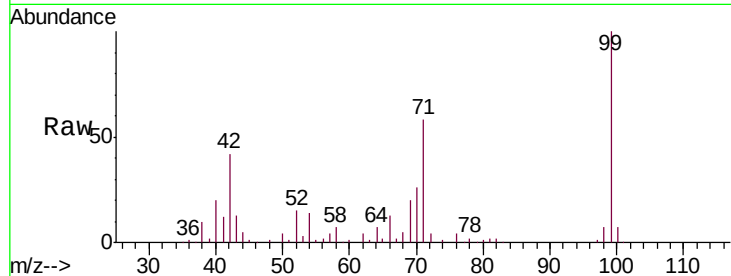
Tgt Ion: 99 Resp: 233034

Ion Ratio Lower Upper

99 100

42 41.5 11.0 16.4#

71 57.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016321.D

Acq: 13 Aug 2018 12:10

Tgt Ion: 136 Resp: 86481

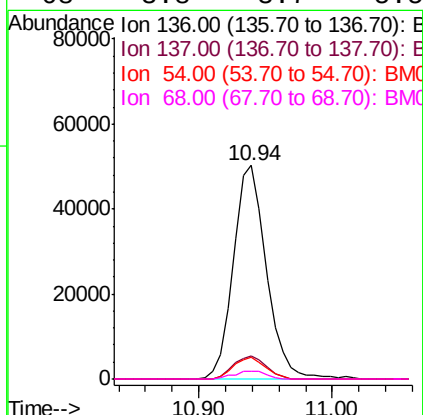
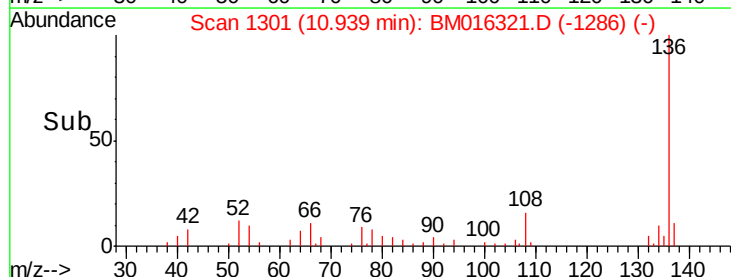
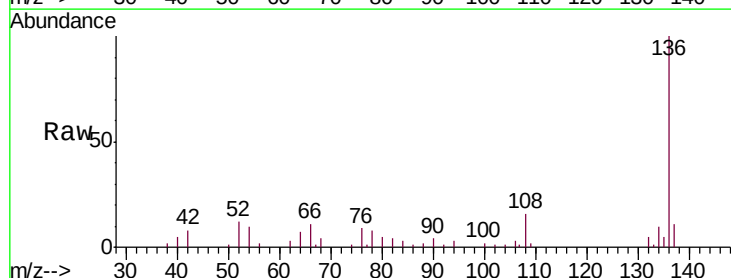
Ion Ratio Lower Upper

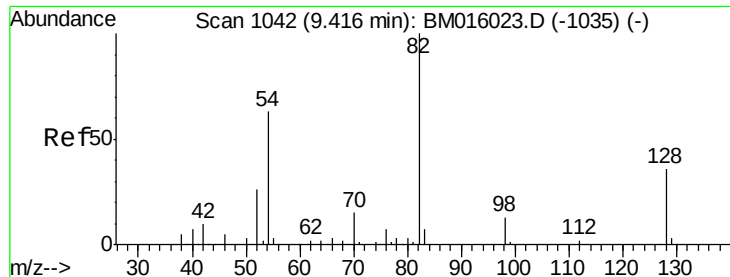
136 100

137 10.5 8.7 13.1

54 10.2 4.6 6.8#

68 3.8 3.7 5.5

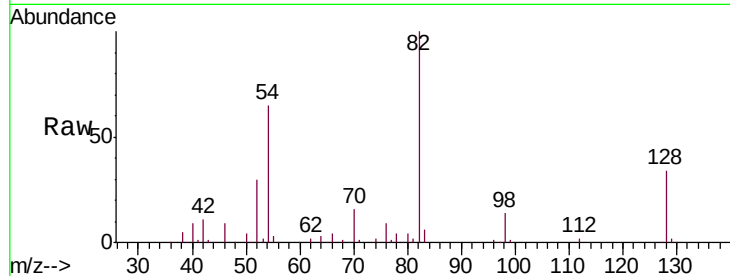




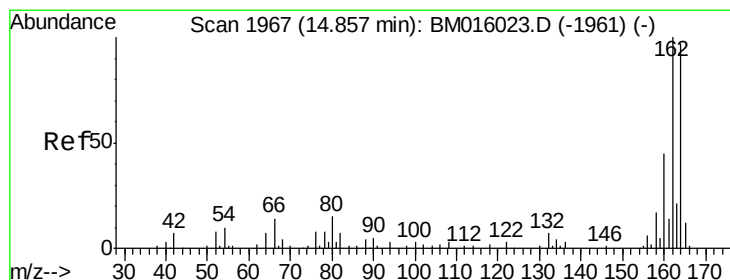
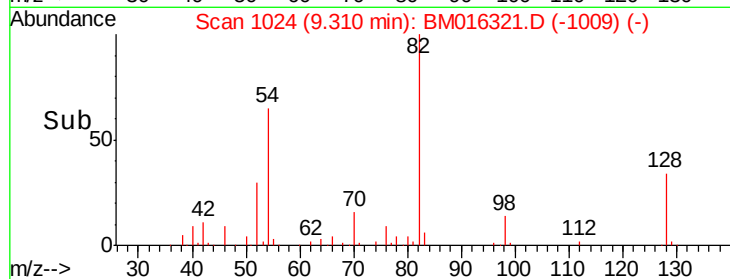
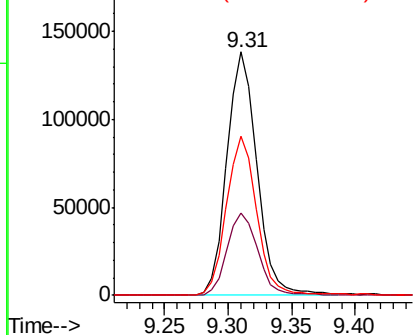
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-E

Tgt Ion: 82 Resp: 227720
Ion Ratio Lower Upper
82 100
128 34.0 32.8 49.2
54 65.2 40.6 60.8#

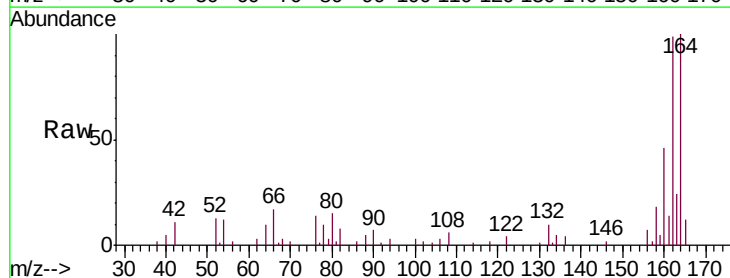


Abundance Ion 82.00 (81.70 to 82.70): BM016321.D (-1009) (-)
Ion 128.00 (127.70 to 128.70): BM016321.D (-1009) (-)
Ion 54.00 (53.70 to 54.70): BM016321.D (-1009) (-)

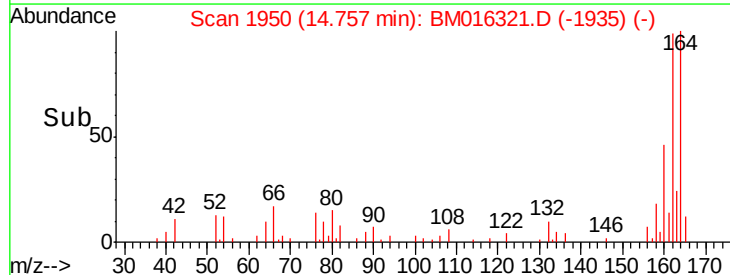
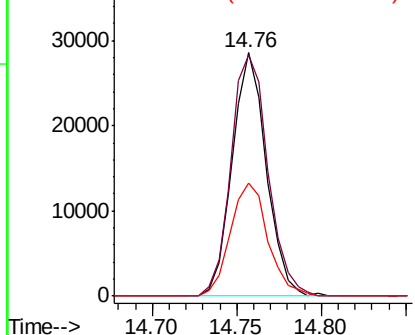


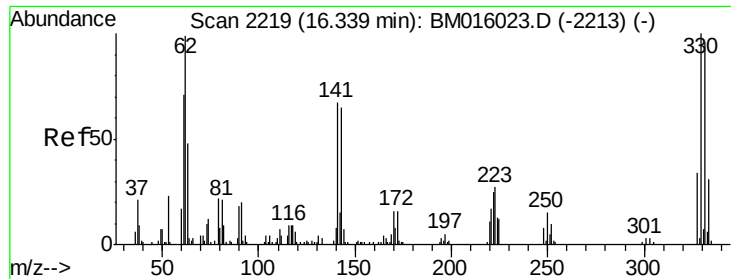
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Tgt Ion: 164 Resp: 39964
Ion Ratio Lower Upper
164 100
162 99.2 82.4 123.6
160 46.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016321.D (-1935) (-)
Ion 162.00 (161.70 to 162.70): BM016321.D (-1935) (-)
Ion 160.00 (159.70 to 160.70): BM016321.D (-1935) (-)

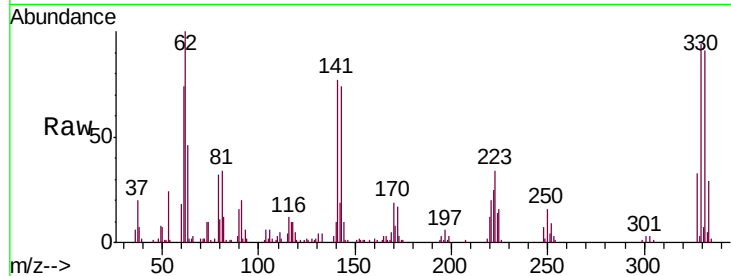




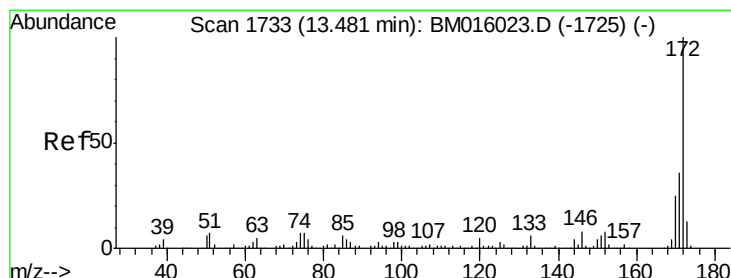
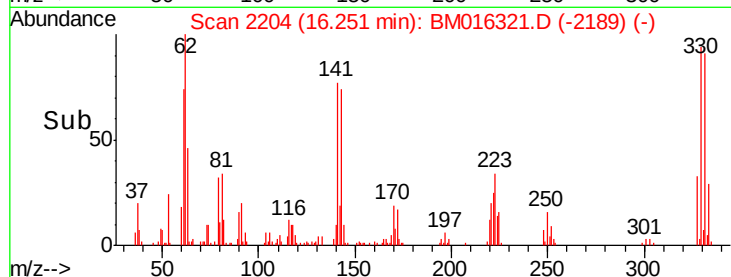
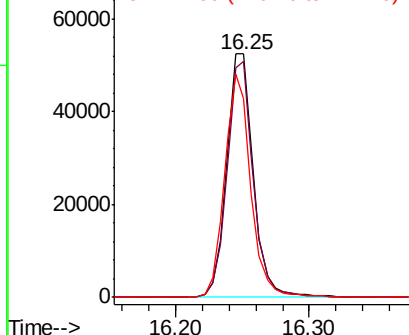
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016321.D
 Acq: 13 Aug 2018 12:10

Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-E

Tgt Ion: 330 Resp: 73795
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 89.4 0.0 0.0#

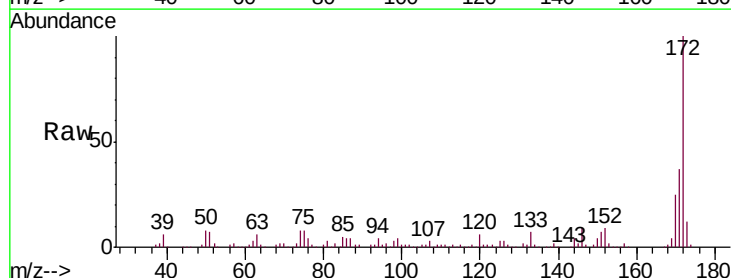


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

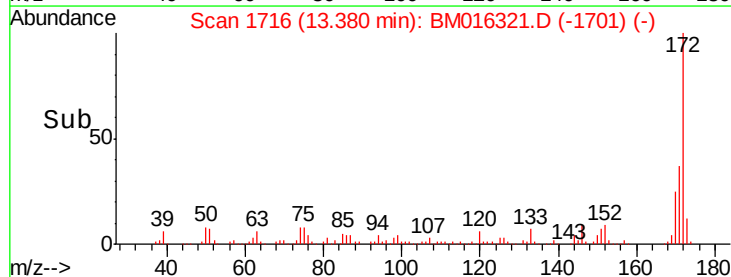
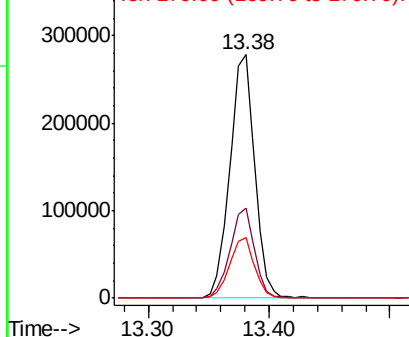


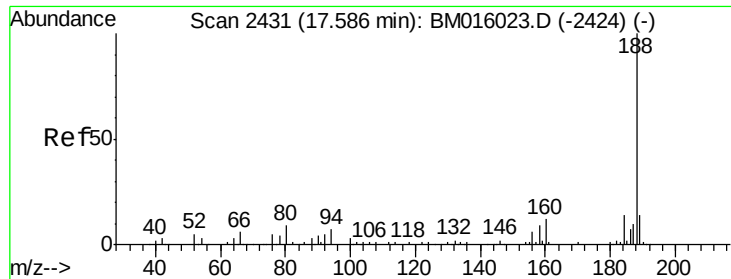
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016321.D
 Acq: 13 Aug 2018 12:10

Tgt Ion: 172 Resp: 401132
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.5 42.7
 170 25.1 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

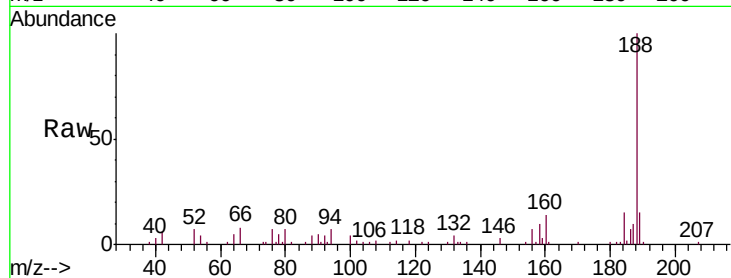




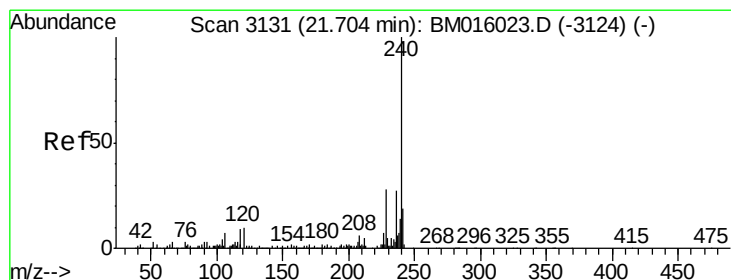
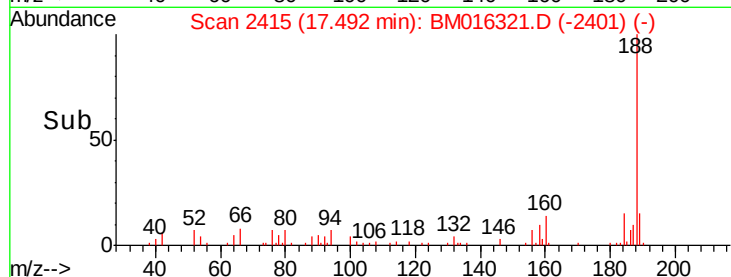
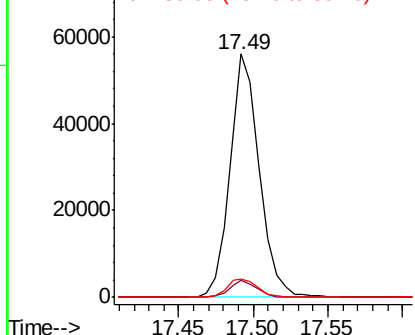
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Instrument :
BNA_M
ClientSampleId :
JC-03-080918-E

Tgt Ion:188 Resp: 77145
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 7.3 9.3 13.9#

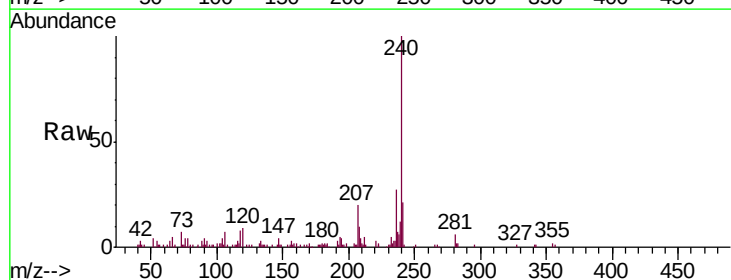


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM016321.D
Ion 80.00 (79.70 to 80.70): BM016321.D

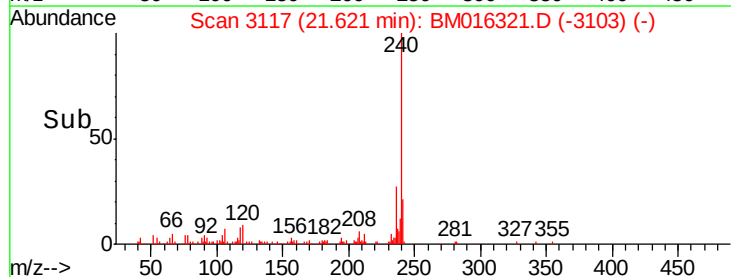
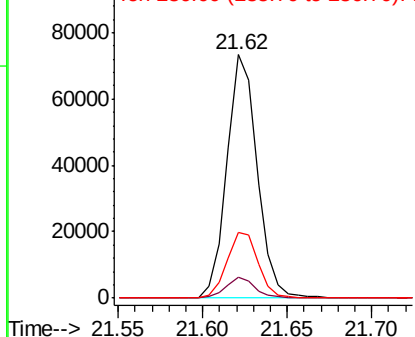


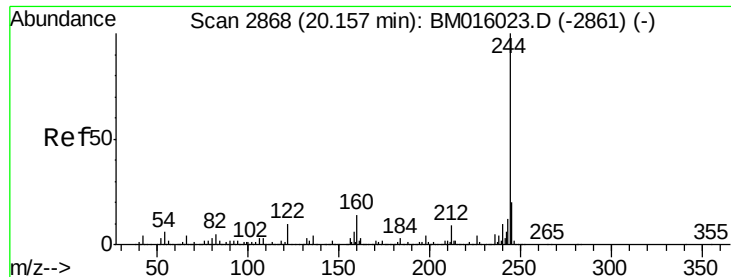
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016321.D
Acq: 13 Aug 2018 12:10

Tgt Ion:240 Resp: 91325
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 27.0 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: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016321.D

Acq: 13 Aug 2018 12:10

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-E

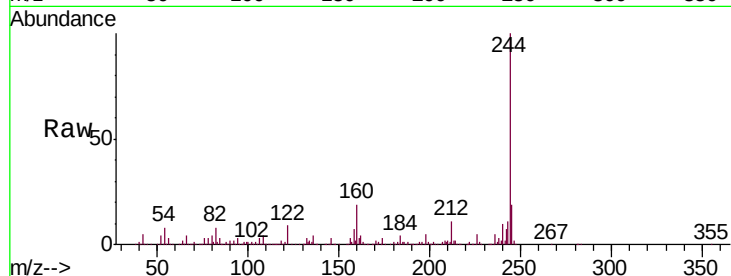
Tgt Ion:244 Resp: 572798

Ion Ratio Lower Upper

244 100

212 11.5 4.9 7.3#

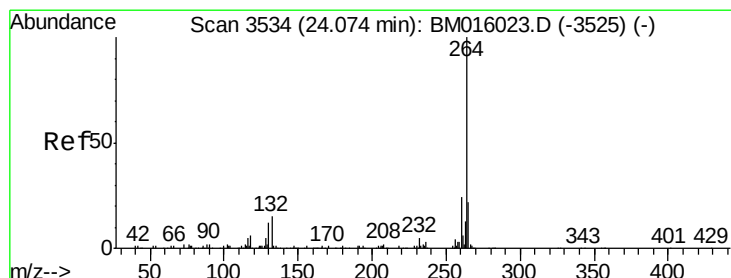
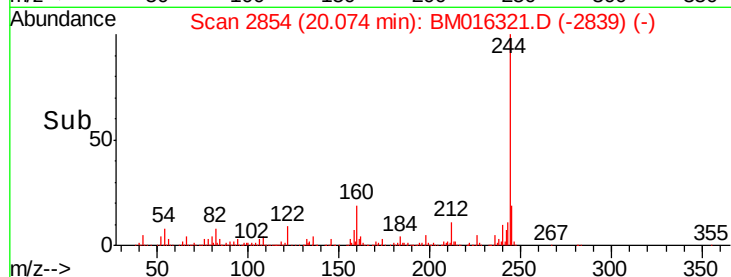
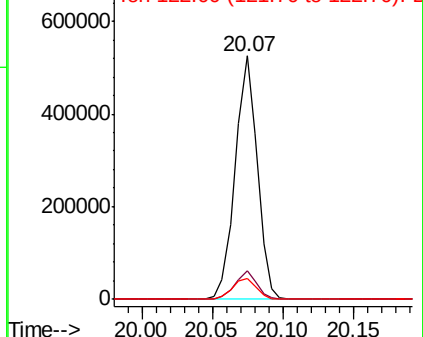
122 8.6 6.2 9.4



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: 23.96 min Scan# 3514

Delta R.T. -0.02 min

Lab File: BM016321.D

Acq: 13 Aug 2018 12:10

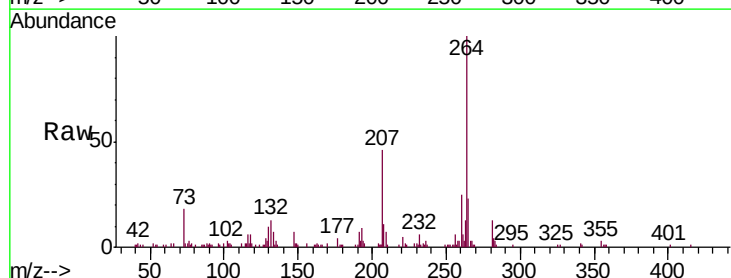
Tgt Ion:264 Resp: 107846

Ion Ratio Lower Upper

264 100

260 25.3 18.6 27.8

265 22.7 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

