

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016307.D
 Acq On : 10 Aug 2018 21:51
 Operator : SJ/JU
 Sample : J4272-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 11 05:23:09 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

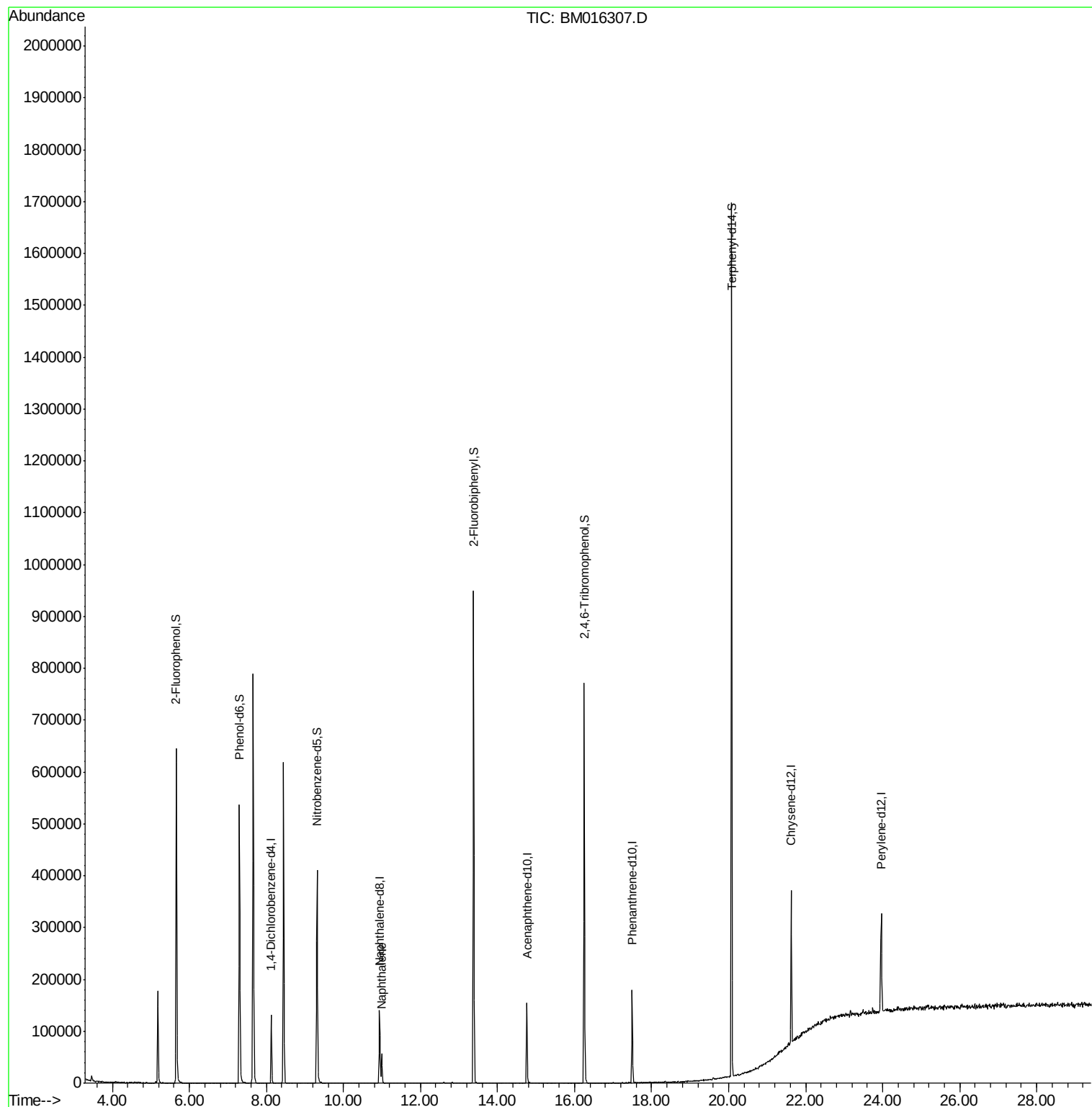
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	27054	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	91925	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	43253	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	86364	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	103066	20.00	ng	-0.01
86) Perylene-d12	23.96	264	121242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	208880	128.25	ng	0.00
7) Phenol-d6	7.30	99	209031	98.28	ng	0.00
23) Nitrobenzene-d5	9.32	82	202676	102.55	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	69947	127.50	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	356661	100.33	ng	-0.01
78) Terphenyl-d14	20.08	244	547491	111.20	ng	0.00
Target Compounds						
31) Naphthalene	10.99	128	39785	8.551	ng	Qvalue 98

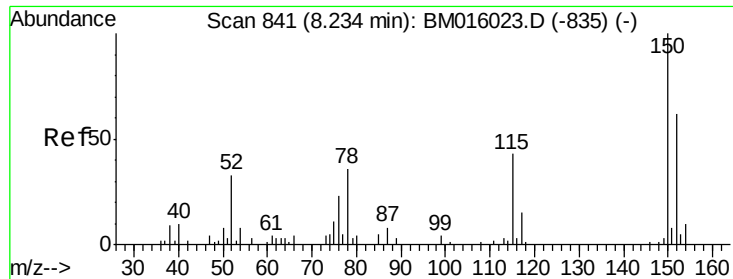
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 18:44:22 2018
Response via : Initial Calibration

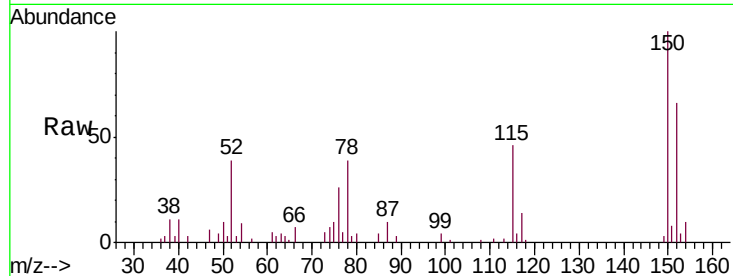




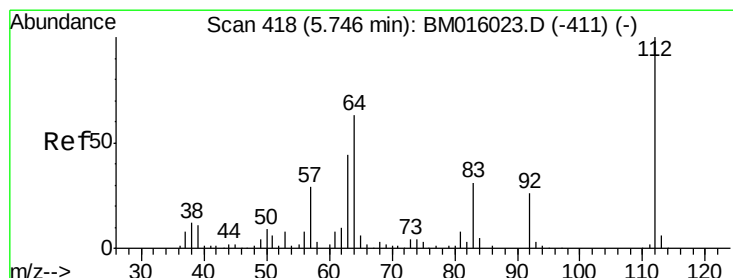
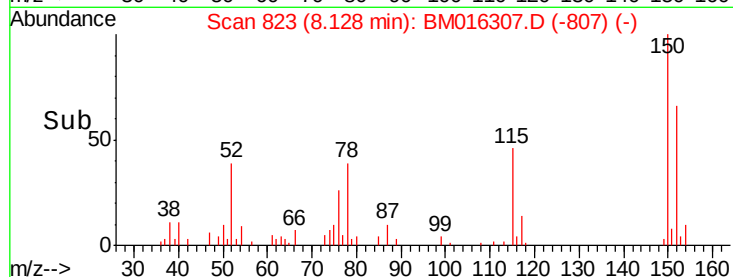
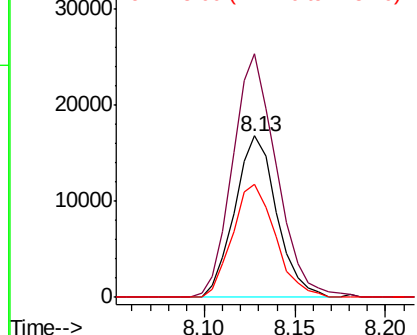
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016307.D
 Acq: 10 Aug 2018 21:51

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

Tgt Ion:152 Resp: 27054
 Ion Ratio Lower Upper
 152 100
 150 150.6 119.5 179.3
 115 69.7 43.0 64.4#

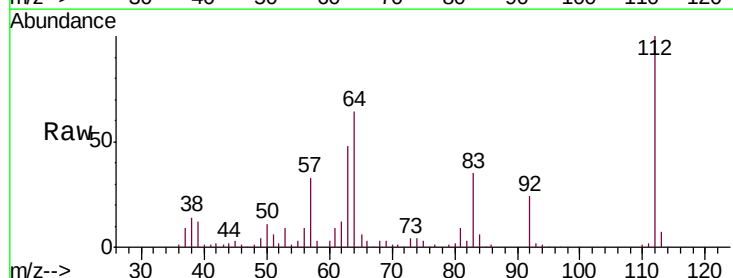


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

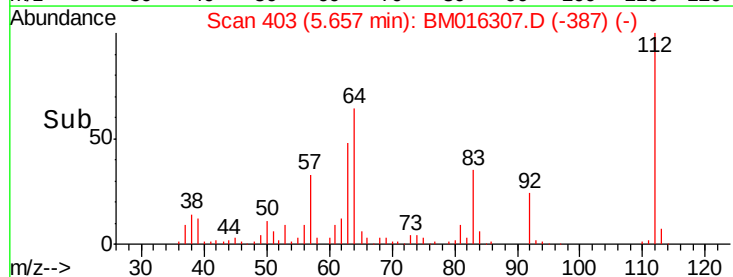
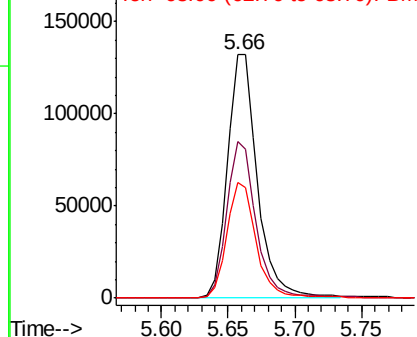


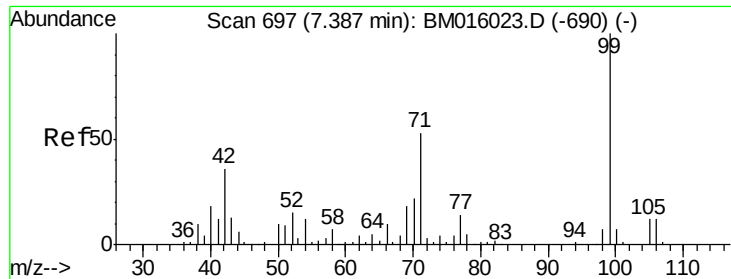
#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016307.D
 Acq: 10 Aug 2018 21:51

Tgt Ion:112 Resp: 208880
 Ion Ratio Lower Upper
 112 100
 64 64.3 38.6 57.8#
 63 47.5 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: BM016307.D

Acq: 10 Aug 2018 21:51

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-A

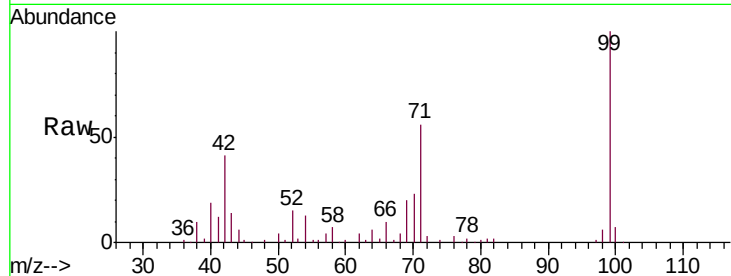
Tgt Ion: 99 Resp: 209031

Ion Ratio Lower Upper

99 100

42 40.5 11.0 16.4#

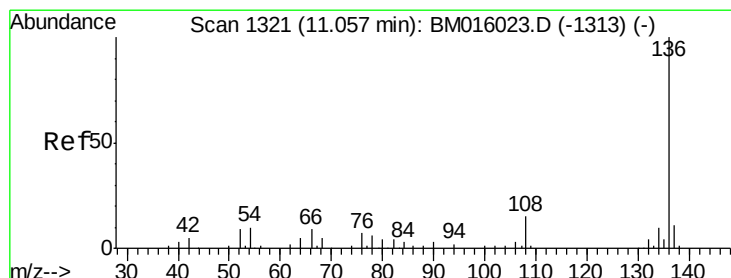
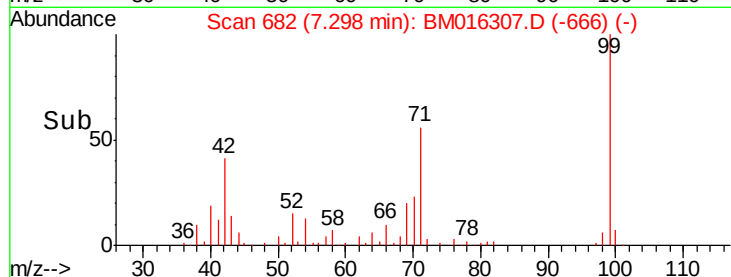
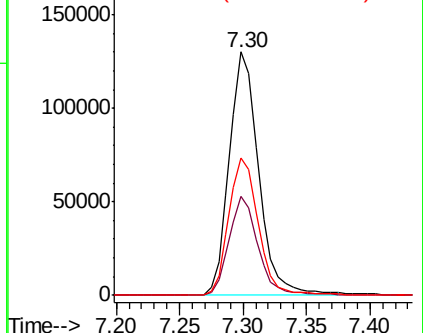
71 56.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016307.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016307.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016307.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

Tgt Ion: 136 Resp: 91925

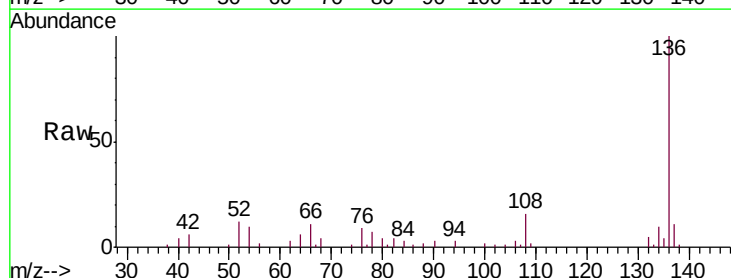
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.3 4.6 6.8#

68 3.7 3.7 5.5#

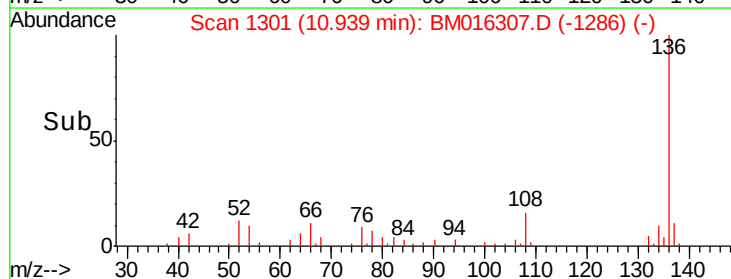
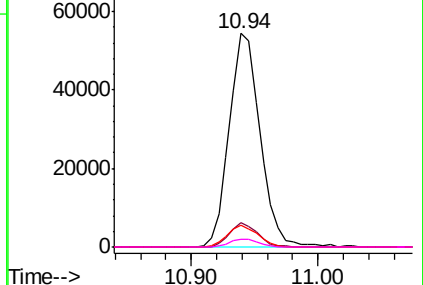


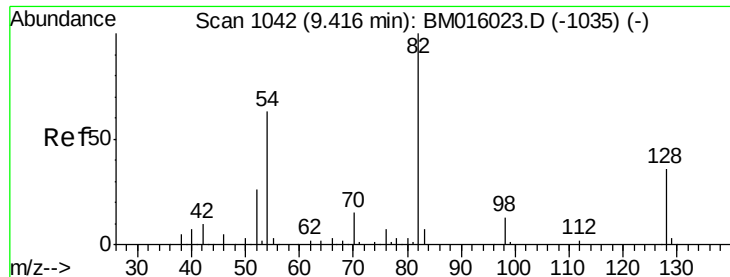
Abundance Ion 136.00 (135.70 to 136.70): BM016307.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016307.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016307.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016307.D (-1286) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.32 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-A

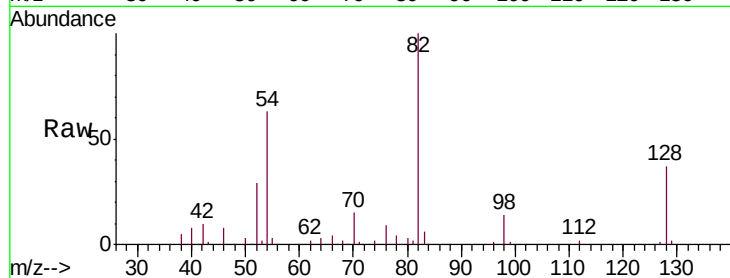
Tgt Ion: 82 Resp: 202676

Ion Ratio Lower Upper

82 100

128 37.0 32.8 49.2

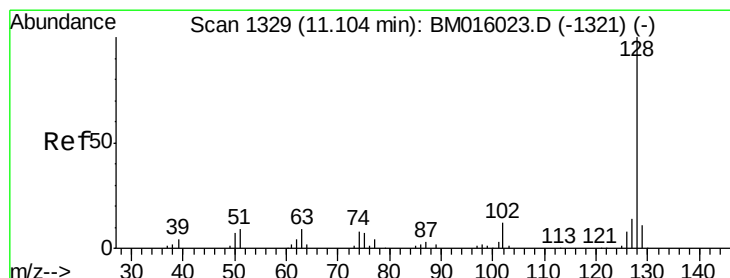
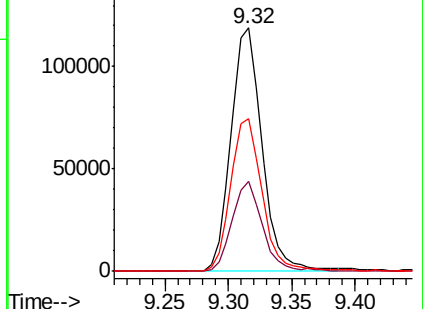
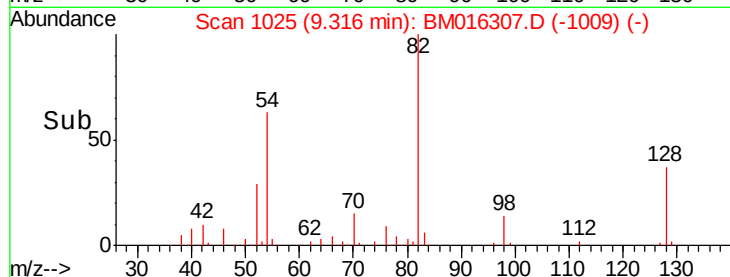
54 63.0 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016307.D (-1009) (-)

Ion 128.00 (127.70 to 128.70): BM016307.D (-1009) (-)

Ion 54.00 (53.70 to 54.70): BM016307.D (-1009) (-)



#31

Naphthalene

Concen: 8.551 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

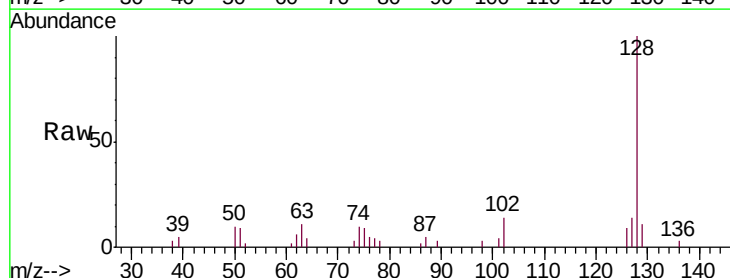
Tgt Ion: 128 Resp: 39785

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

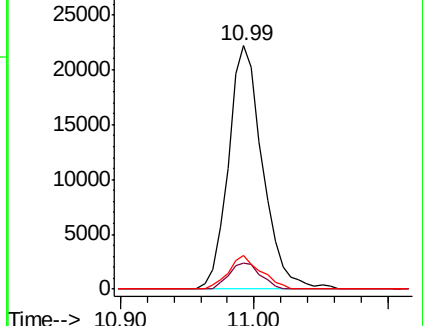
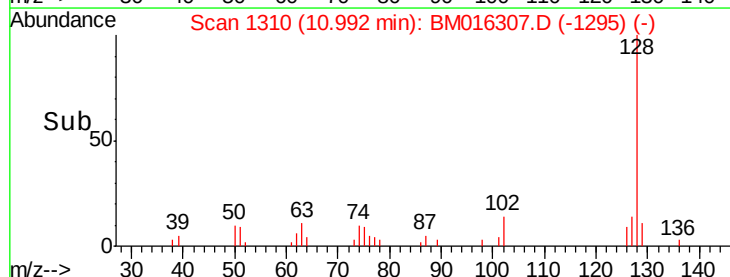
127 13.7 10.4 15.6

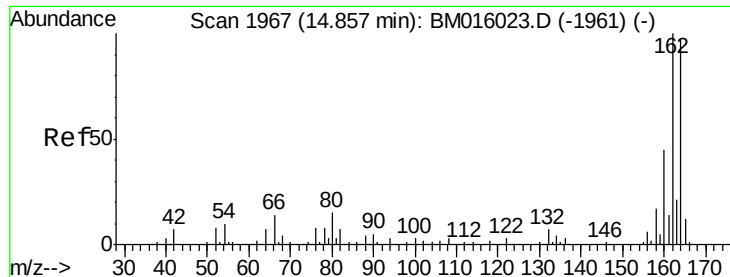


Abundance Ion 128.00 (127.70 to 128.70): BM016307.D (-1295) (-)

Ion 129.00 (128.70 to 129.70): BM016307.D (-1295) (-)

Ion 127.00 (126.70 to 127.70): BM016307.D (-1295) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-A

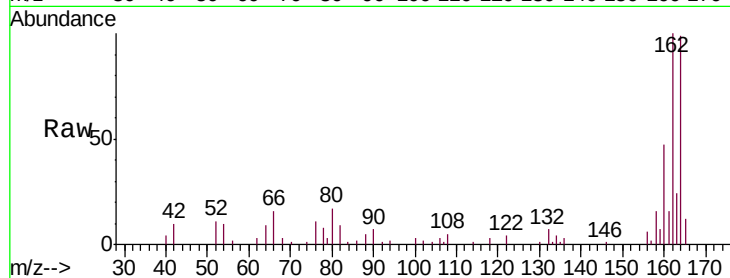
Tgt Ion:164 Resp: 43253

Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

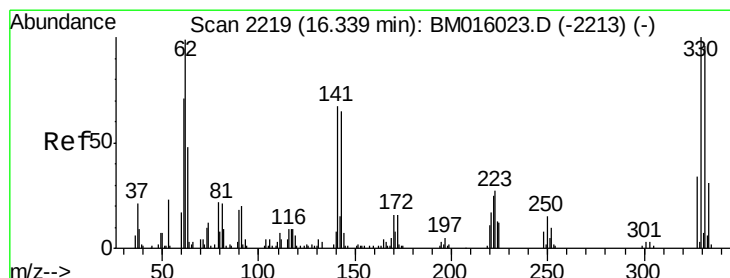
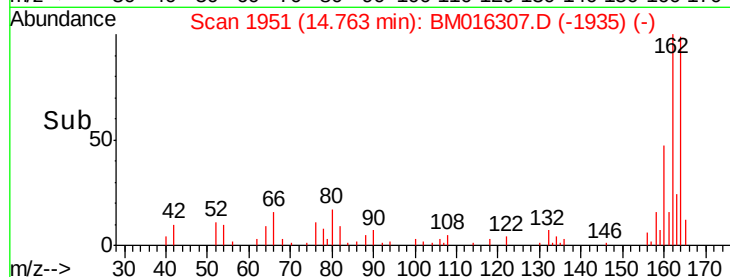
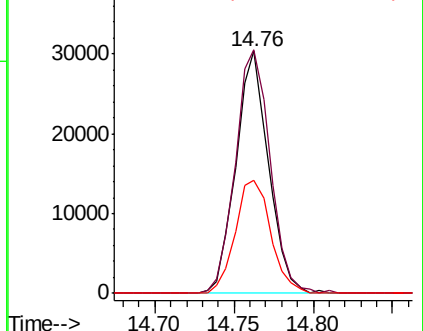
160 47.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.25 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

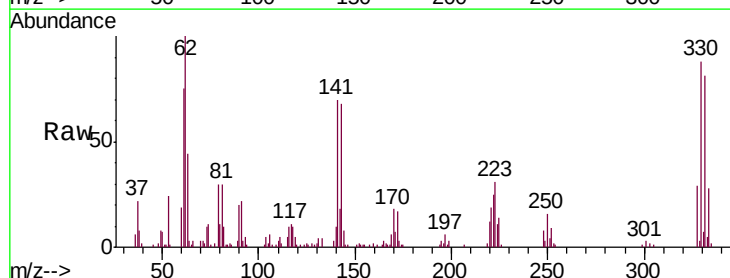
Tgt Ion:330 Resp: 69947

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

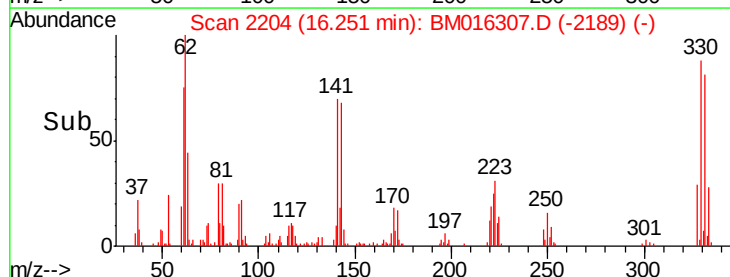
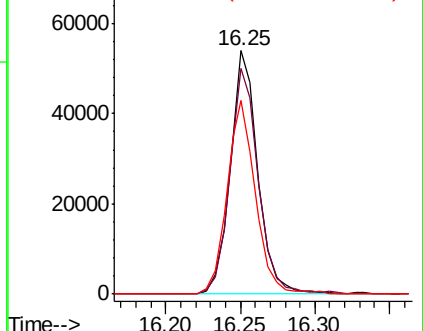
141 81.7 0.0 0.0#

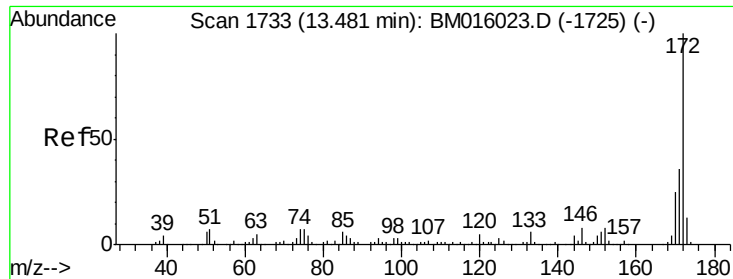


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

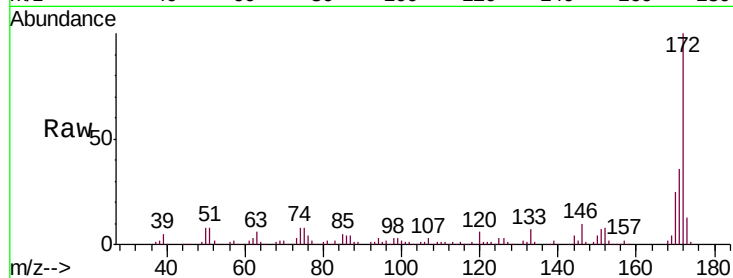




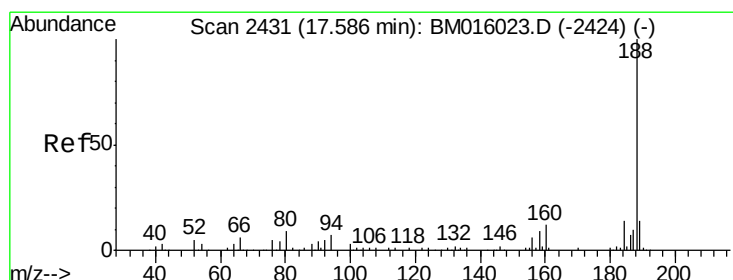
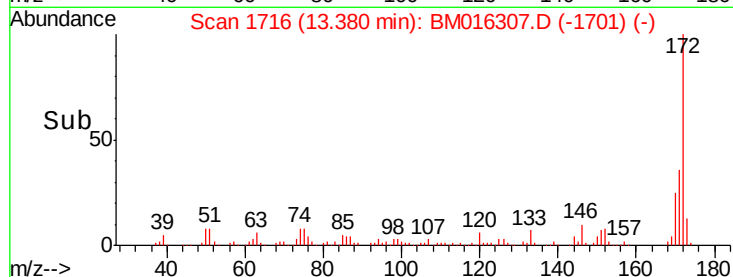
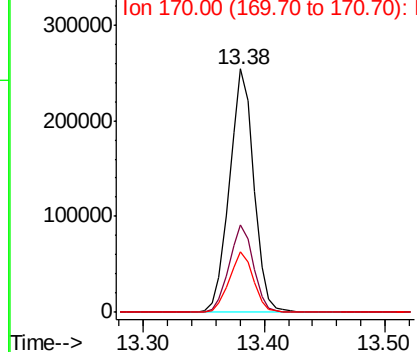
#44
2-Fluorobiphenyl
Concen: N.D. ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion:172 Resp: 356661
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.7 18.8 28.2

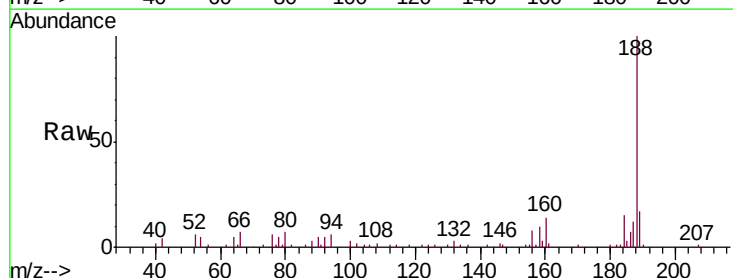


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

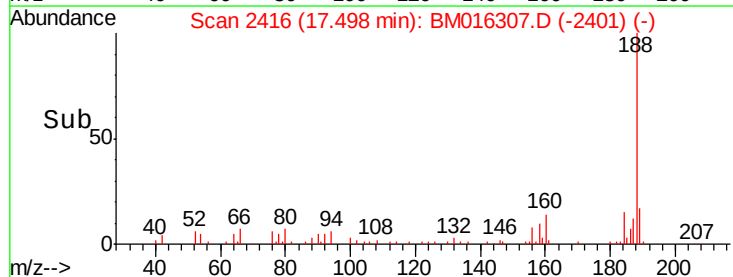
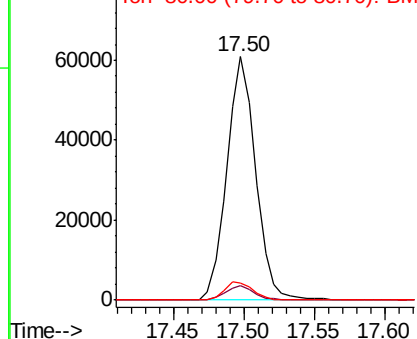


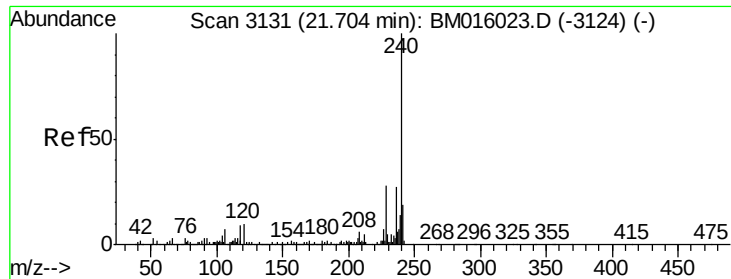
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

Tgt Ion:188 Resp: 86364
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 7.1 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: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-A

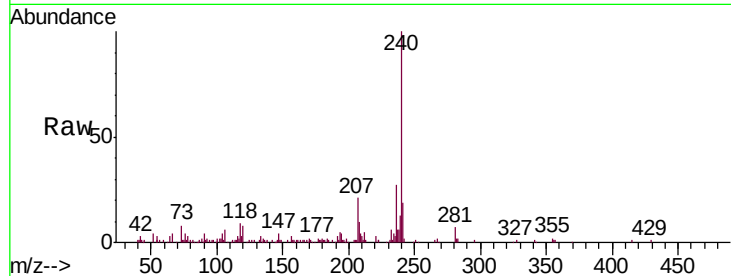
Tgt Ion:240 Resp: 103066

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

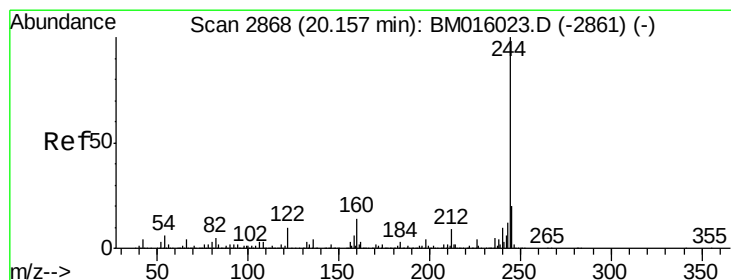
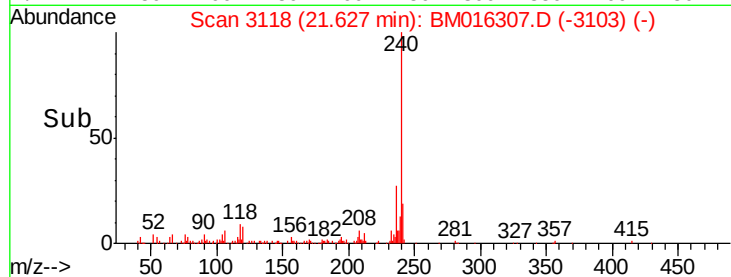
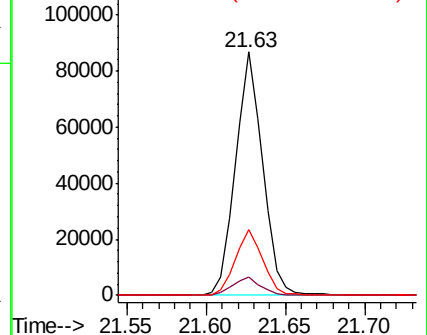
236 27.2 20.0 30.0



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: N.D. ng

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016307.D

Acq: 10 Aug 2018 21:51

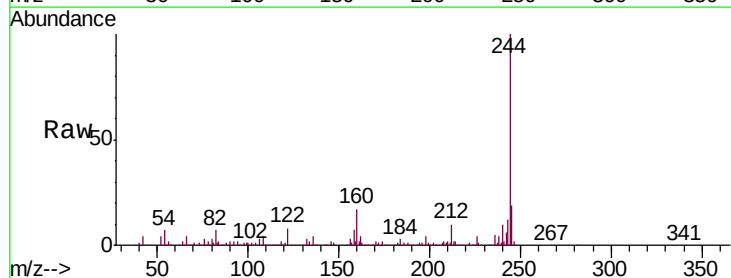
Tgt Ion:244 Resp: 547491

Ion Ratio Lower Upper

244 100

212 10.4 4.9 7.3#

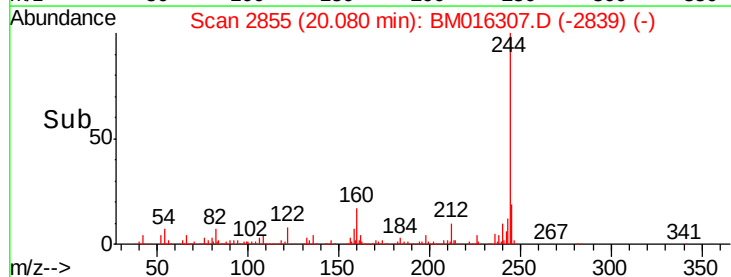
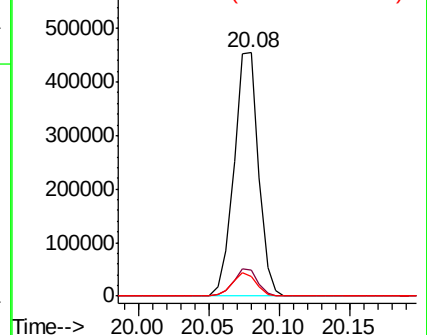
122 8.3 6.2 9.4

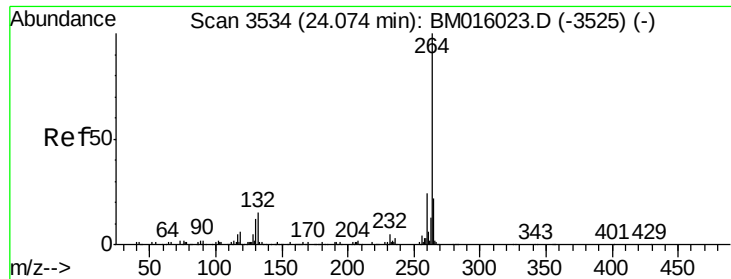


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3515
Delta R.T. -0.01 min
Lab File: BM016307.D
Acq: 10 Aug 2018 21:51

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.3	17.3	25.9

