

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016319.D
 Acq On : 13 Aug 2018 10:57
 Operator : SJ/JU
 Sample : J4272-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Aug 14 04:14:35 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

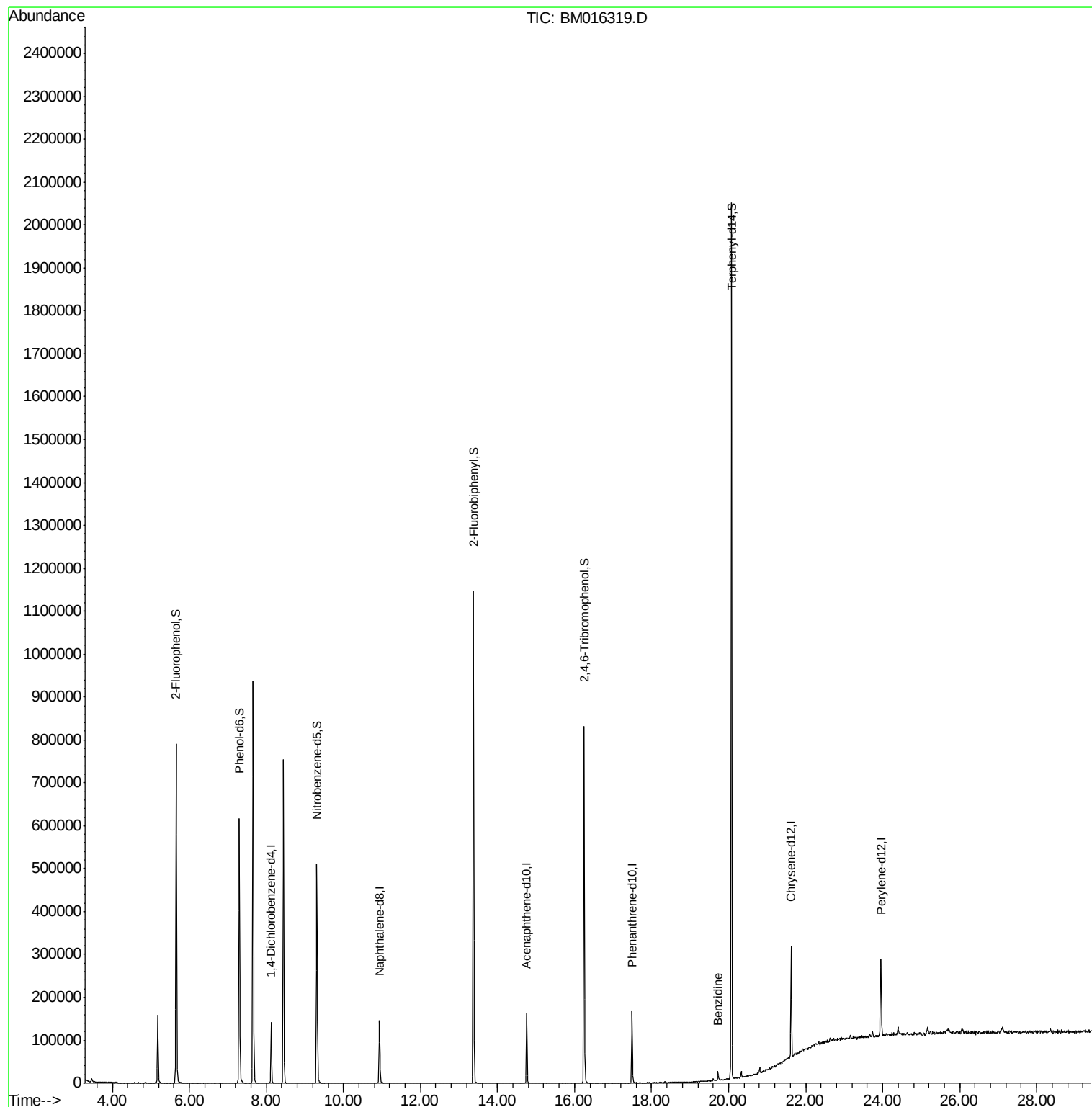
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28179	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	94176	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	43206	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	83623	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	95881	20.00	ng	-0.02
86) Perylene-d12	23.96	264	109359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	239274	141.05	ng	0.00
7) Phenol-d6	7.30	99	234741	105.96	ng	0.00
23) Nitrobenzene-d5	9.31	82	242673	119.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	77130	140.75	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	427351	120.35	ng	-0.01
78) Terphenyl-d14	20.07	244	594938	129.89	ng	-0.01
Target Compounds						
76) Benzidine	19.72	184	13916	5.194	ng	Qvalue 98

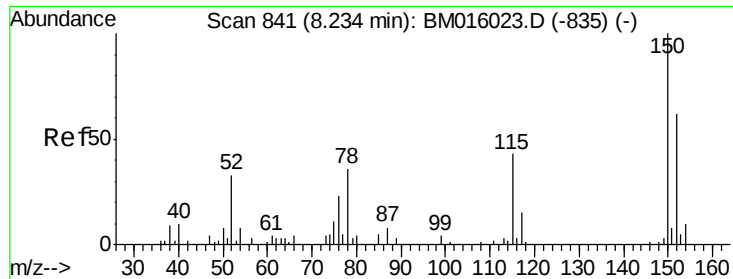
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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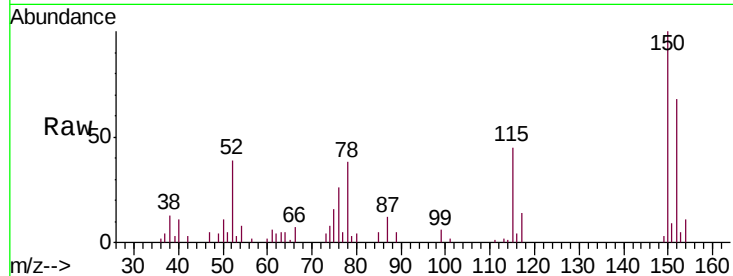


#1

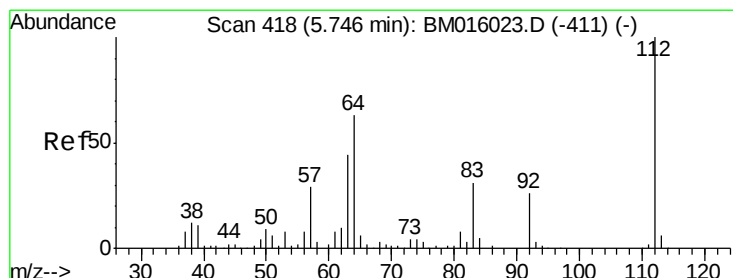
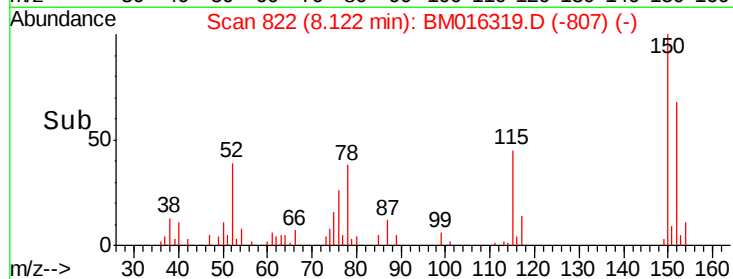
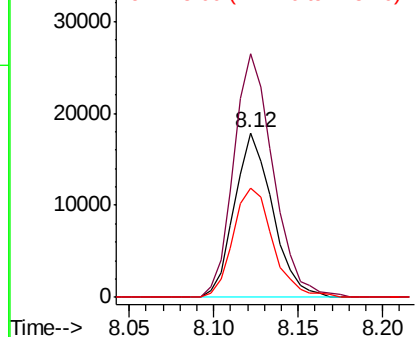
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM016319.D
 Acq: 13 Aug 2018 10:57

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

Tgt Ion:152 Resp: 28179
 Ion Ratio Lower Upper
 152 100
 150 148.1 119.5 179.3
 115 66.3 43.0 64.4#



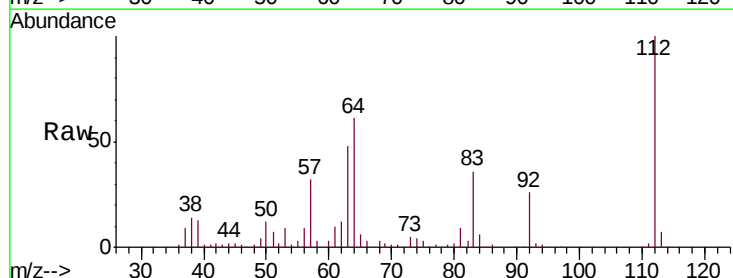
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



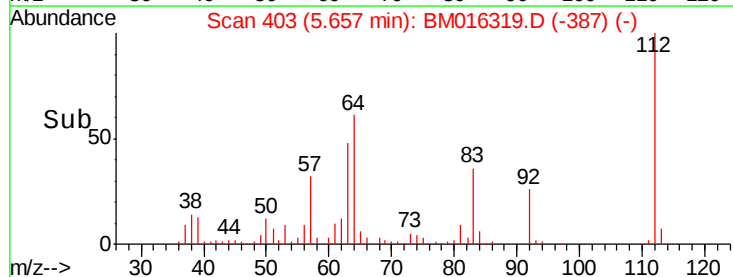
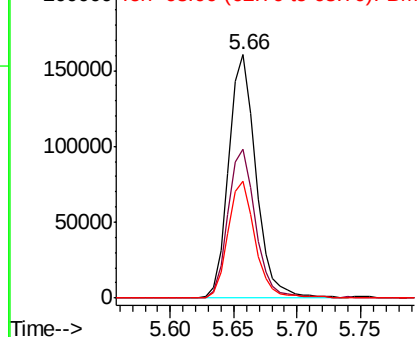
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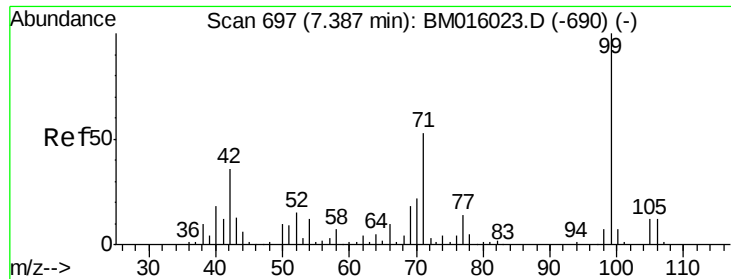
2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016319.D
 Acq: 13 Aug 2018 10:57

Tgt Ion:112 Resp: 239274
 Ion Ratio Lower Upper
 112 100
 64 61.2 38.6 57.8#
 63 48.1 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: BM016319.D

Acq: 13 Aug 2018 10:57

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-C

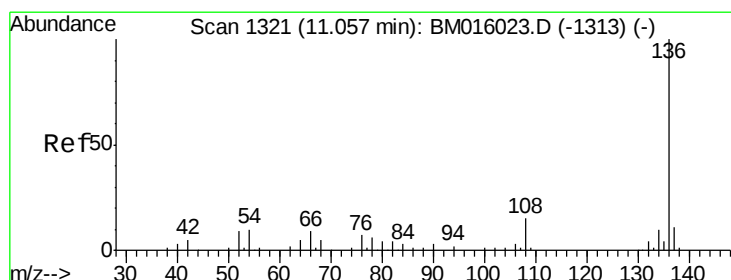
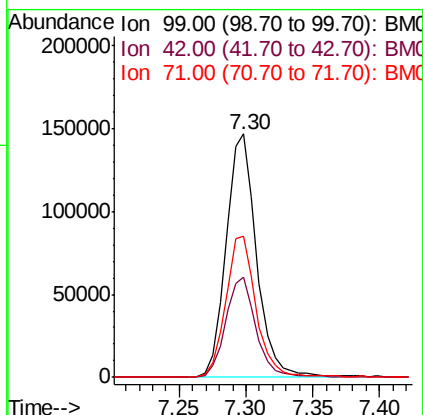
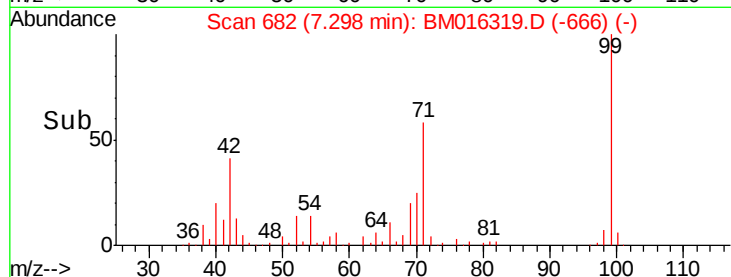
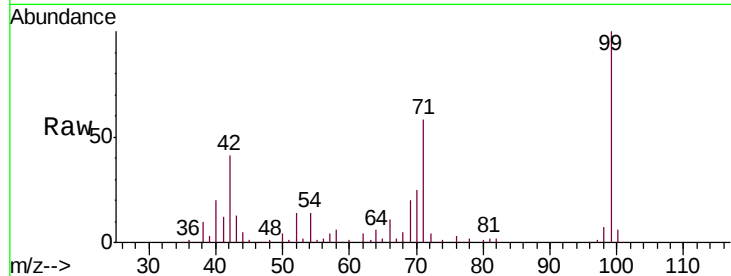
Tgt Ion: 99 Resp: 234741

Ion Ratio Lower Upper

99 100

42 41.2 11.0 16.4#

71 58.2 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: BM016319.D

Acq: 13 Aug 2018 10:57

Tgt Ion: 136 Resp: 94176

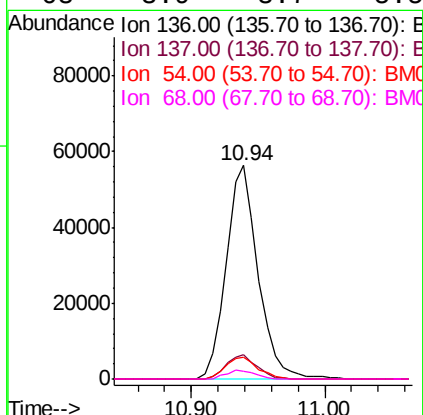
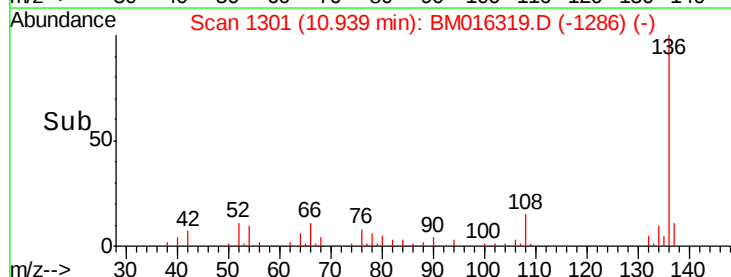
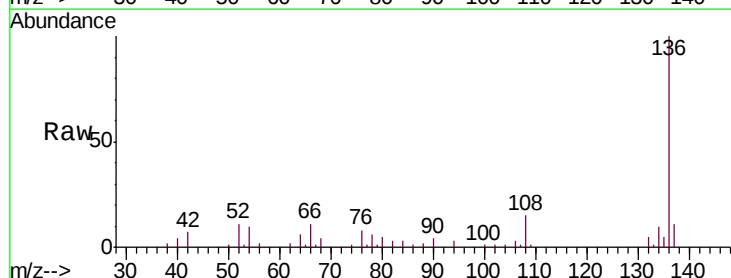
Ion Ratio Lower Upper

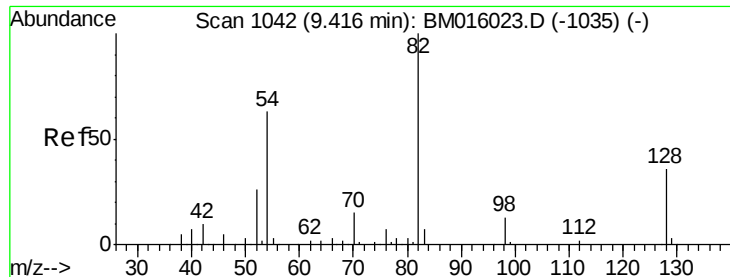
136 100

137 11.3 8.7 13.1

54 10.0 4.6 6.8#

68 3.9 3.7 5.5

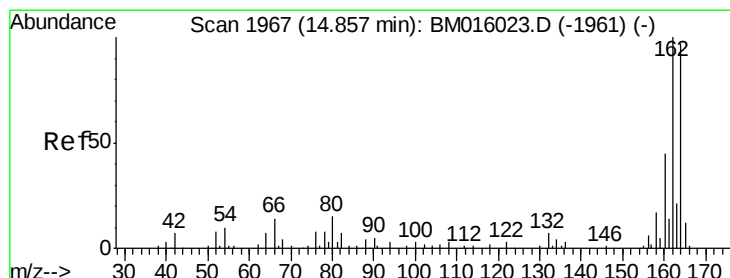
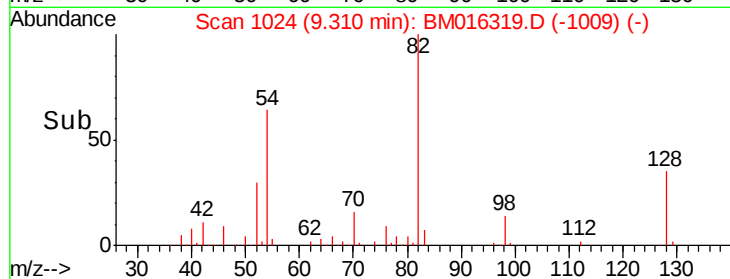
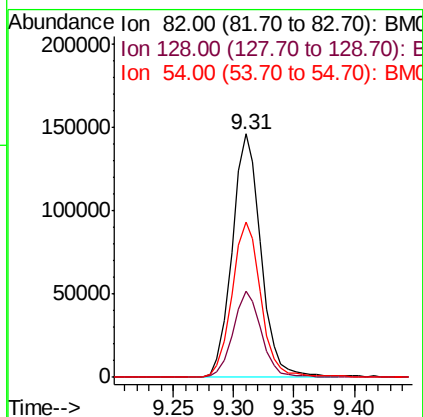
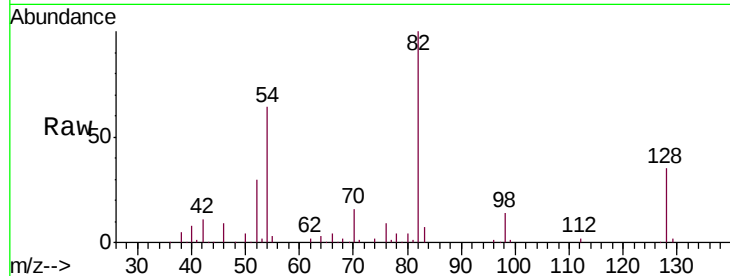




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

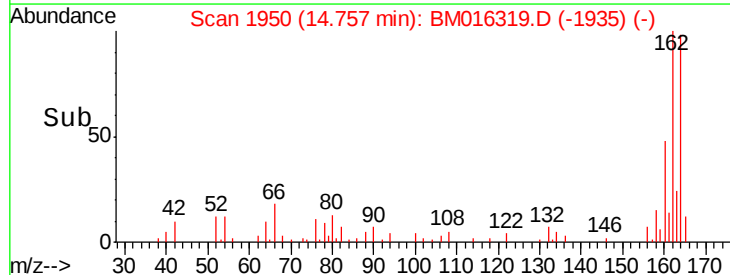
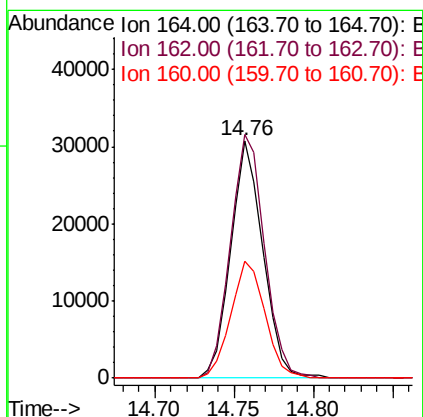
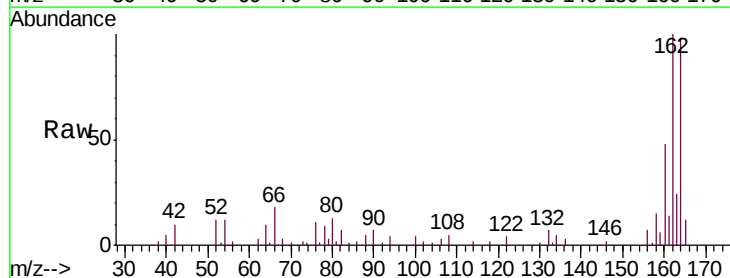
Instrument :
BNA_M
ClientSampleId :
JC-03-080918-C

Tgt Ion: 82 Resp: 242673
Ion Ratio Lower Upper
82 100
128 35.2 32.8 49.2
54 64.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion: 164 Resp: 43206
Ion Ratio Lower Upper
164 100
162 102.4 82.4 123.6
160 49.2 35.8 53.6

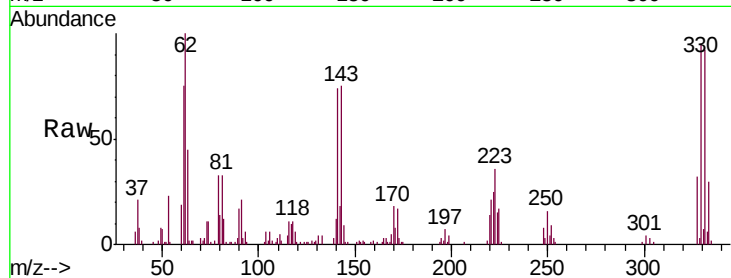




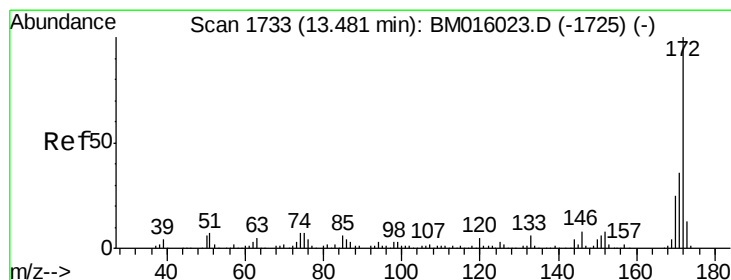
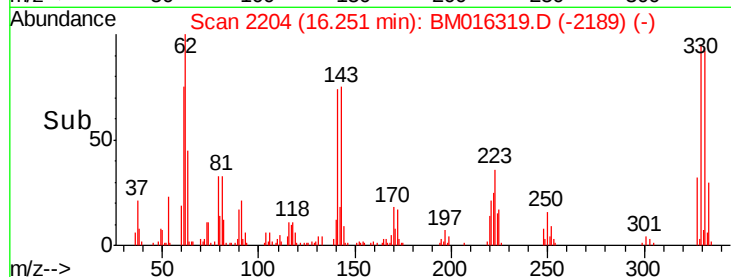
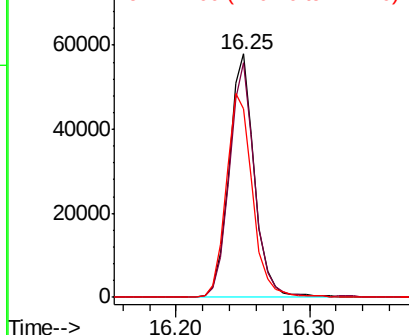
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016319.D
 Acq: 13 Aug 2018 10:57

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

Tgt Ion: 330 Resp: 77130
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 87.0 0.0 0.0#

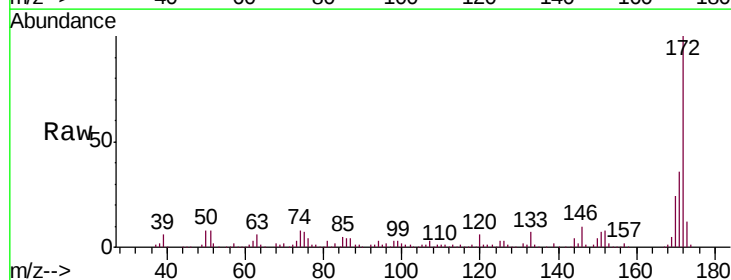


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

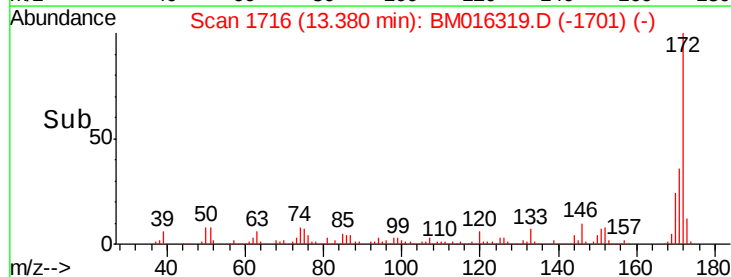
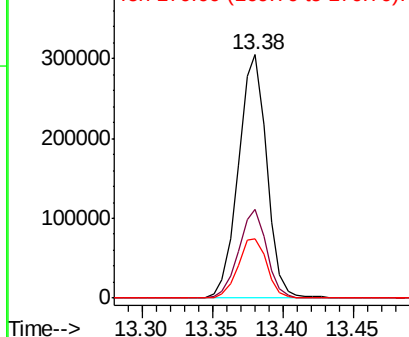


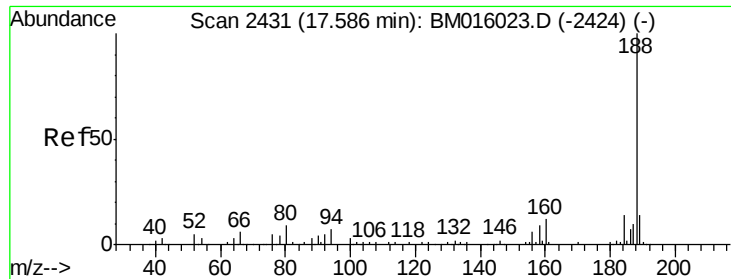
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016319.D
 Acq: 13 Aug 2018 10:57

Tgt Ion: 172 Resp: 427351
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.3 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

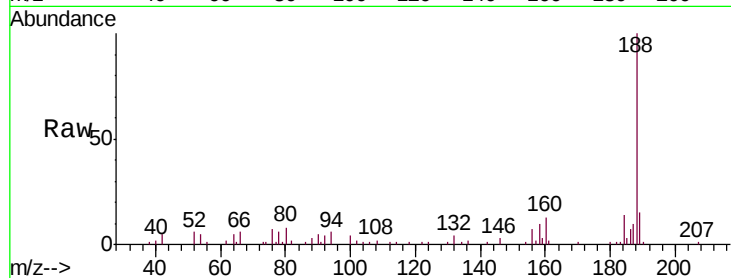




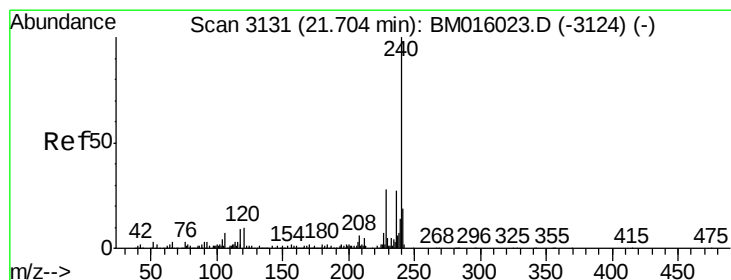
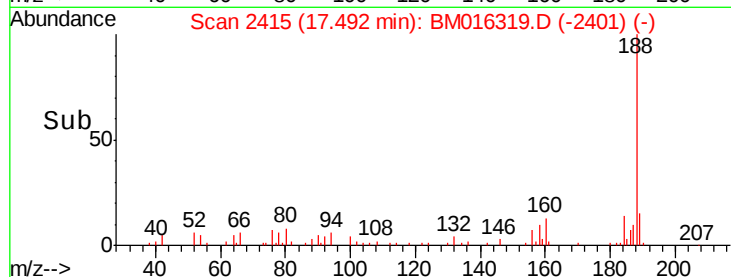
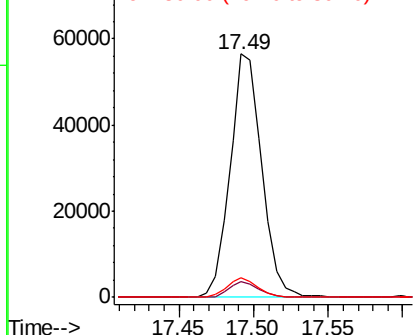
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

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

Tgt Ion:188 Resp: 83623
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 7.9 9.3 13.9#

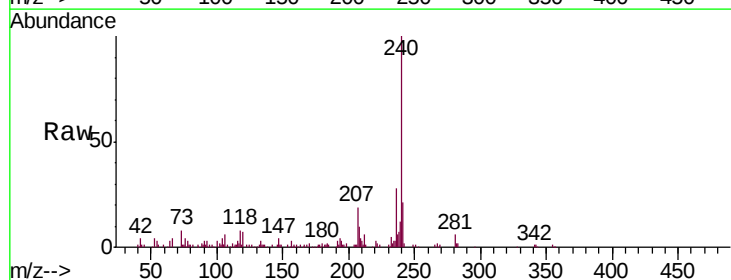


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

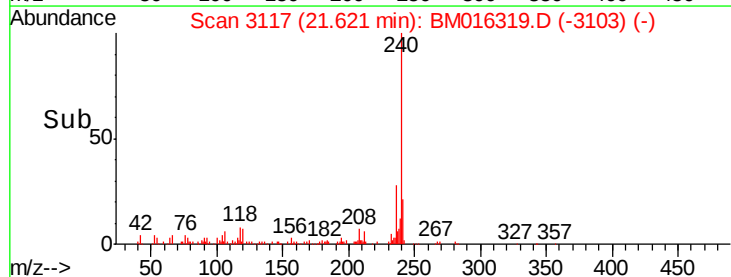
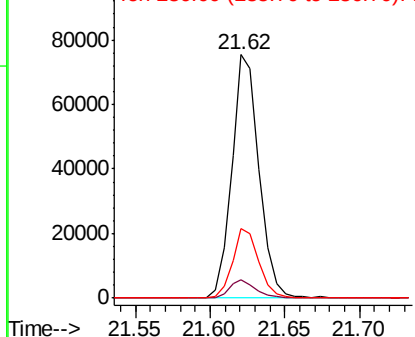


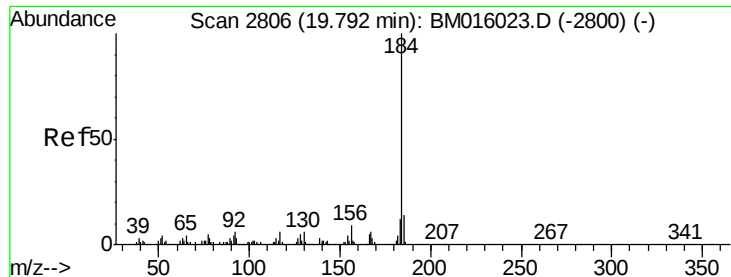
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

Tgt Ion:240 Resp: 95881
Ion Ratio Lower Upper
240 100
120 7.4 8.2 12.2#
236 28.4 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





#76

Benzidine

Concen: 5.194 ng

RT: 19.72 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM016319.D

Acq: 13 Aug 2018 10:57

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-C

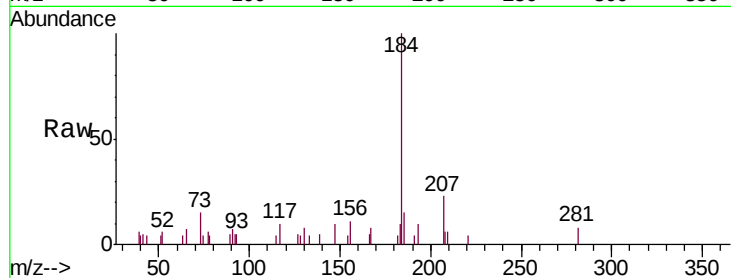
Tgt Ion:184 Resp: 13916

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

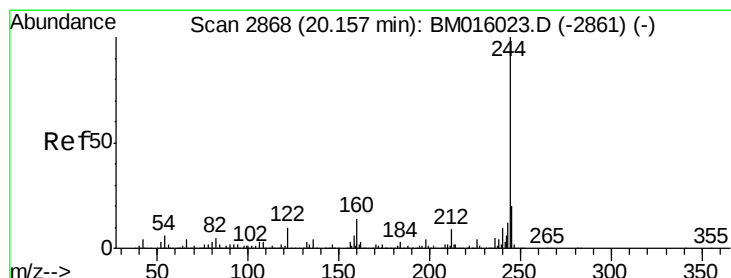
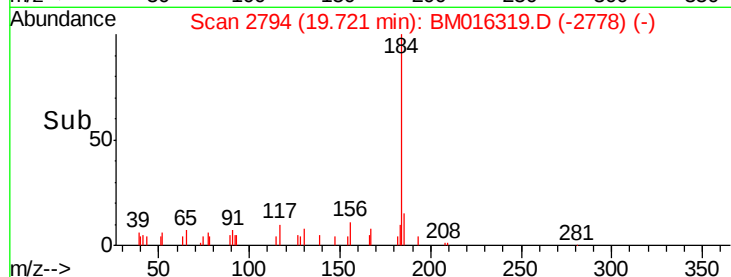
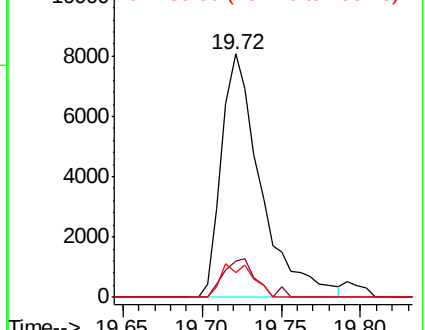
183 10.0 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: Below ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016319.D

Acq: 13 Aug 2018 10:57

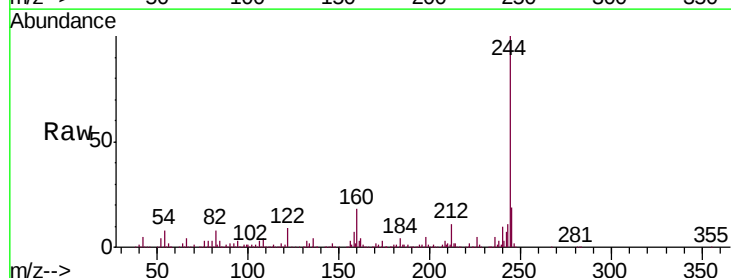
Tgt Ion:244 Resp: 594938

Ion Ratio Lower Upper

244 100

212 11.1 4.9 7.3#

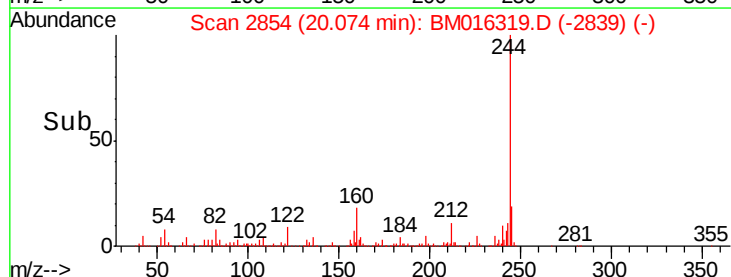
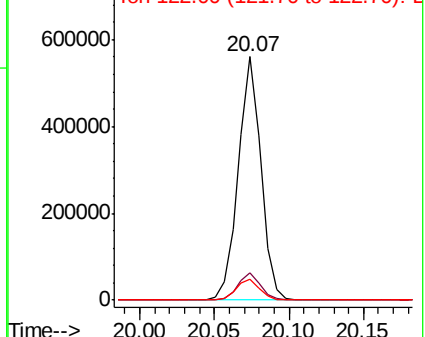
122 8.7 6.2 9.4

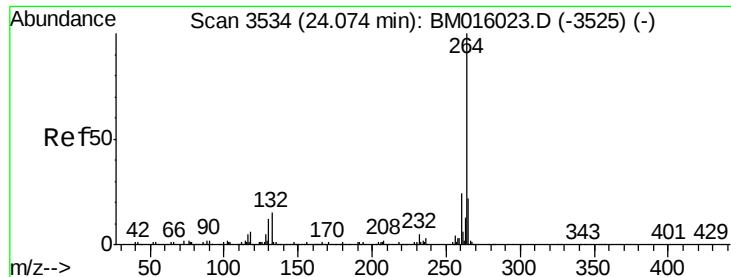


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

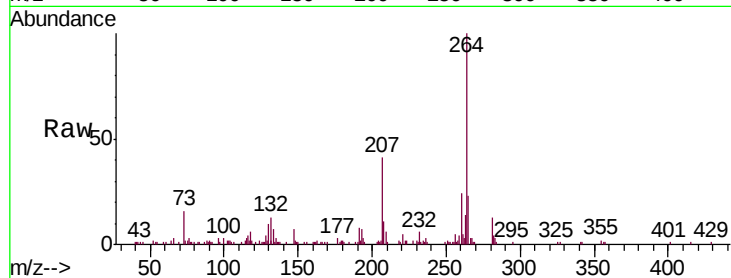




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.96 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BM016319.D
Acq: 13 Aug 2018 10:57

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	22.6	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

