

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016309.D
 Acq On : 10 Aug 2018 23:04
 Operator : SJ/JU
 Sample : J4272-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 11 05:35:00 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	27427	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	88923	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	41260	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	85194	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	99936	20.00	ng	-0.01
86) Perylene-d12	23.96	264	117302	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	224332	135.87	ng	0.00
7) Phenol-d6	7.30	99	220386	102.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	227229	118.85	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	71780	137.17	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	394771	116.42	ng	-0.01
78) Terphenyl-d14	20.07	244	587432	123.05	ng	-0.01

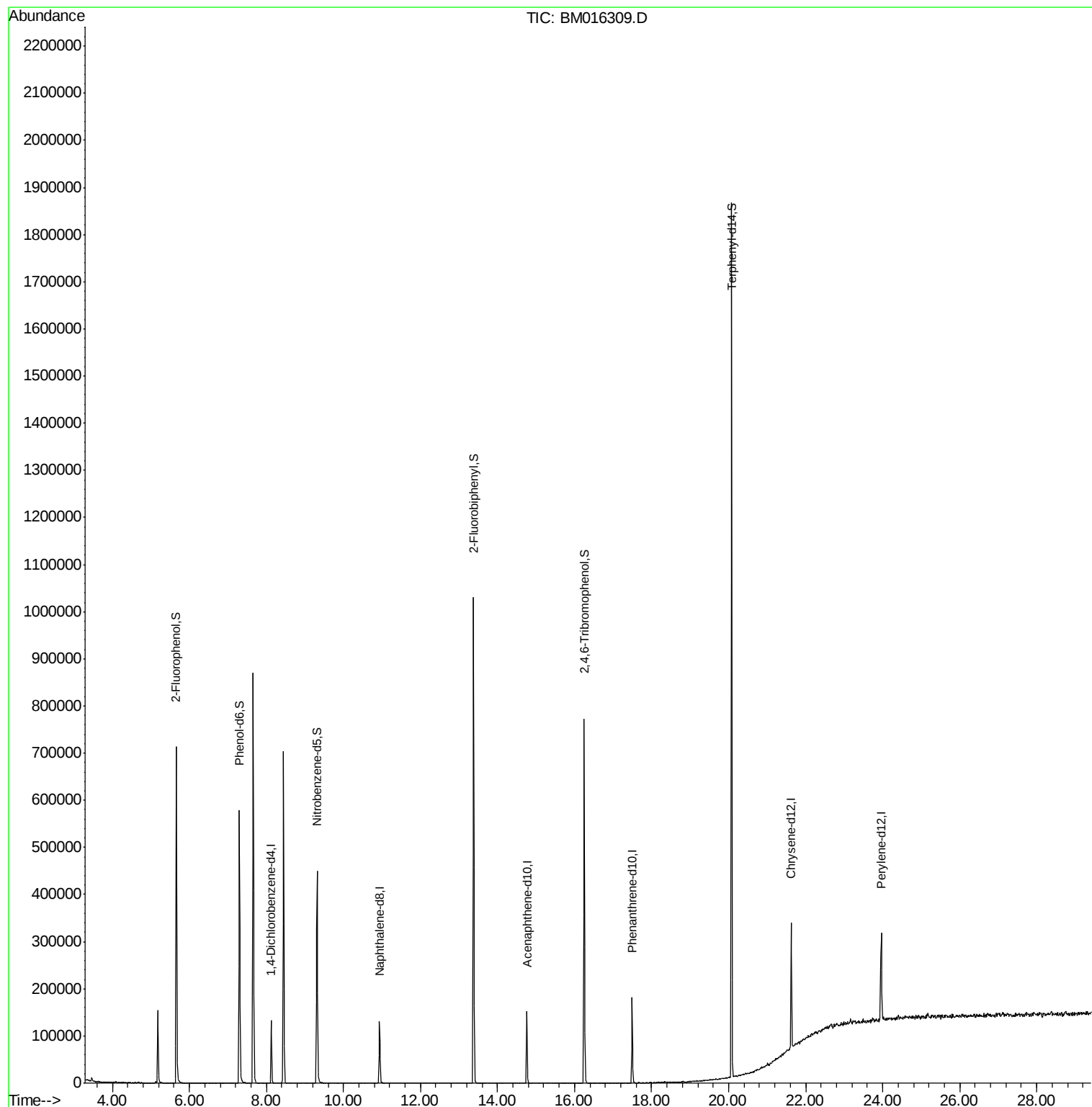
Target Compounds	Qvalue
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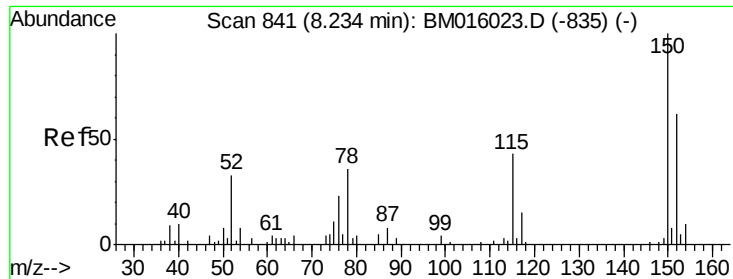
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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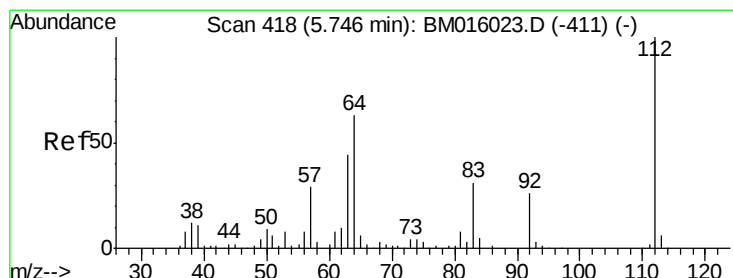
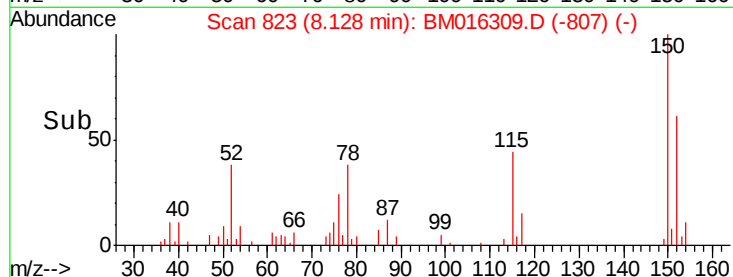
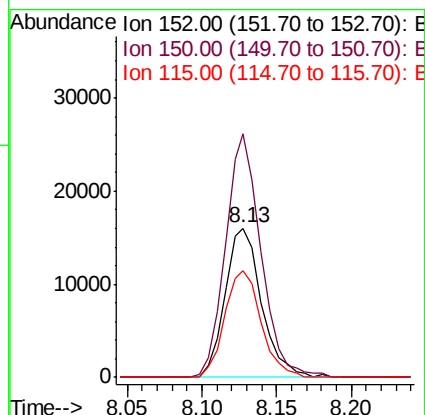
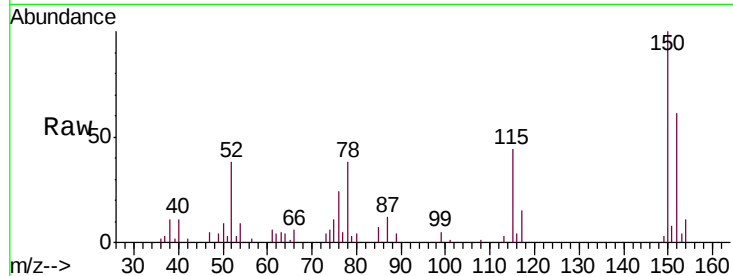




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

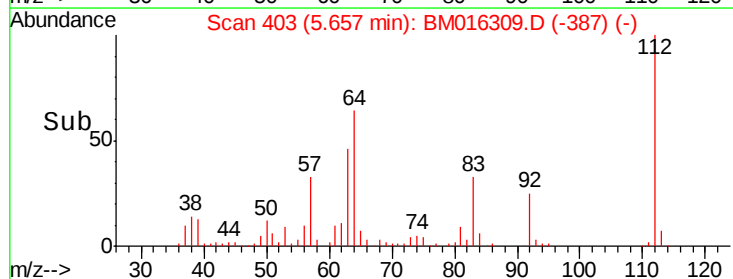
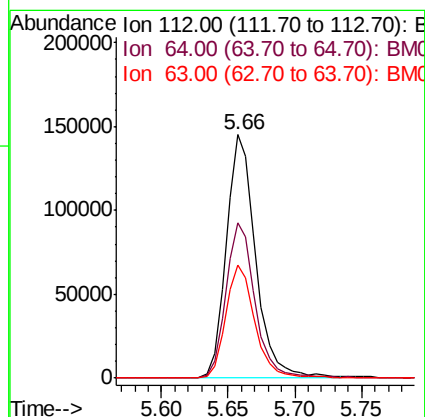
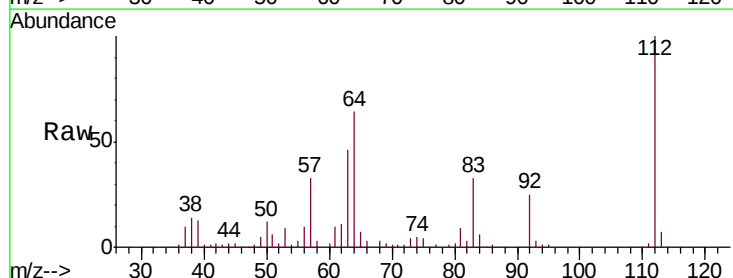
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-C

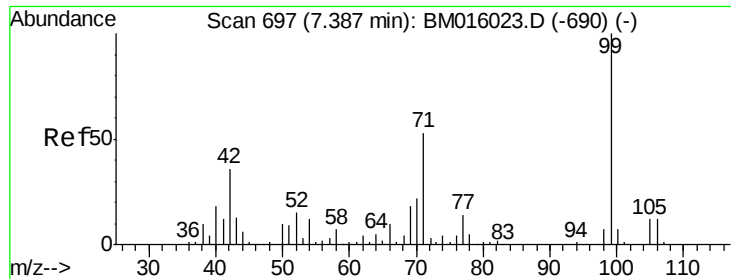
Tgt Ion:152 Resp: 27427
 Ion Ratio Lower Upper
 152 100
 150 162.9 119.5 179.3
 115 71.5 43.0 64.4#



#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

Tgt Ion:112 Resp: 224332
 Ion Ratio Lower Upper
 112 100
 64 64.0 38.6 57.8#
 63 46.2 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM016309.D

Acq: 10 Aug 2018 23:04

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-C

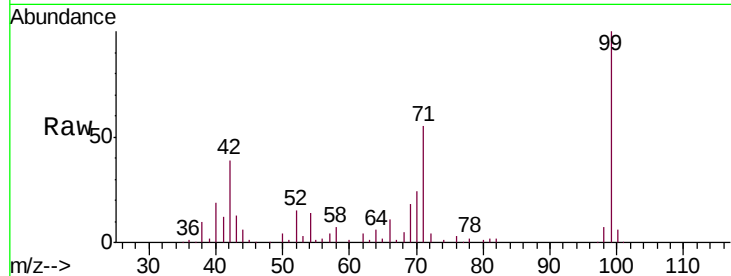
Tgt Ion: 99 Resp: 220386

Ion Ratio Lower Upper

99 100

42 39.2 11.0 16.4#

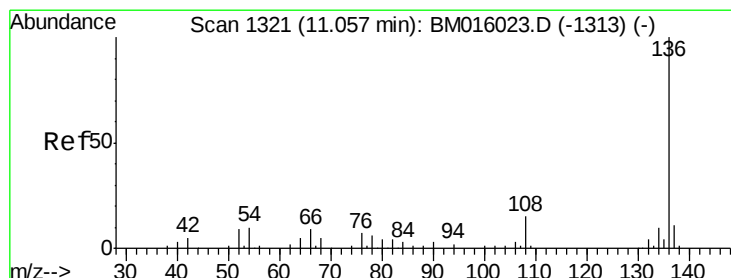
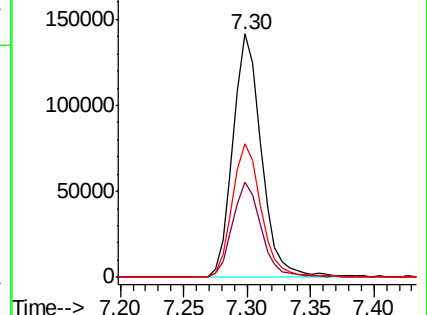
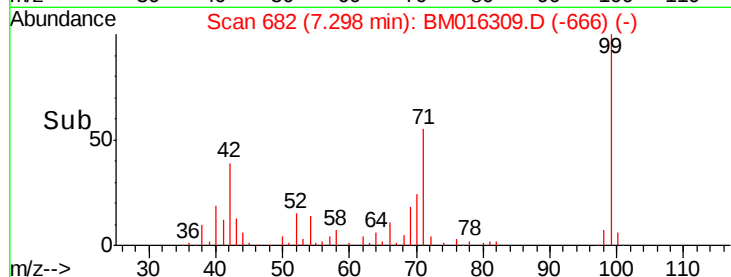
71 55.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016309.D (-666) (-)

Ion 42.00 (41.70 to 42.70): BM016309.D (-666) (-)

Ion 71.00 (70.70 to 71.70): BM016309.D (-666) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BM016309.D

Acq: 10 Aug 2018 23:04

Tgt Ion: 136 Resp: 88923

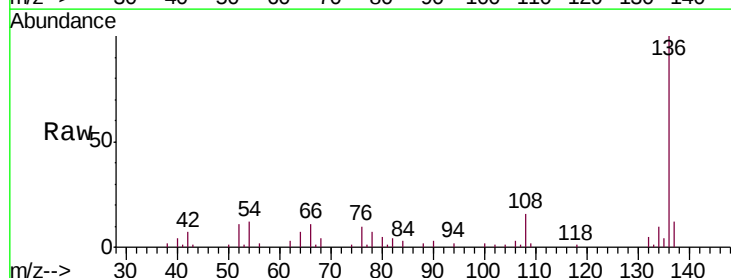
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 11.6 4.6 6.8#

68 4.0 3.7 5.5

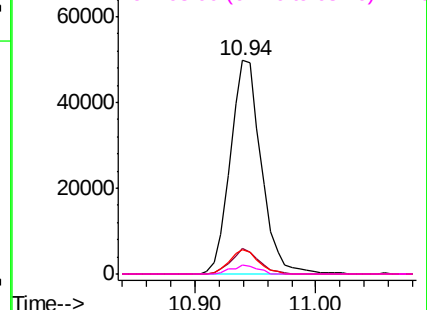
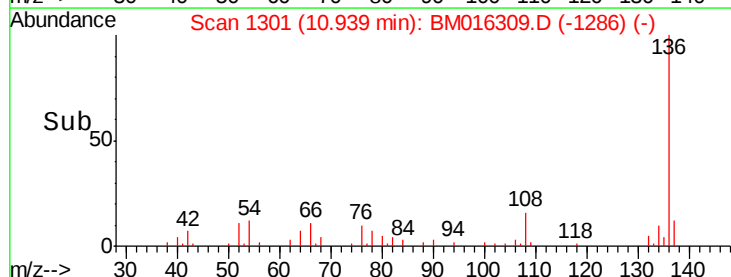


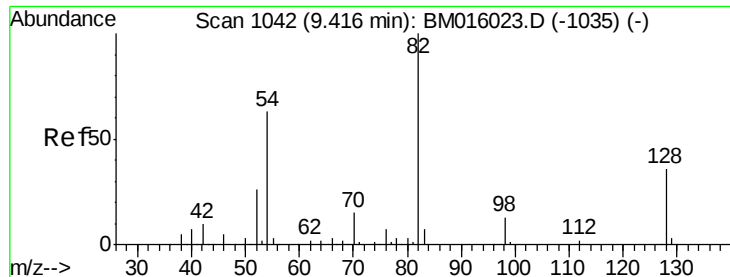
Abundance Ion 136.00 (135.70 to 136.70): BM016309.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016309.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016309.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016309.D (-1286) (-)

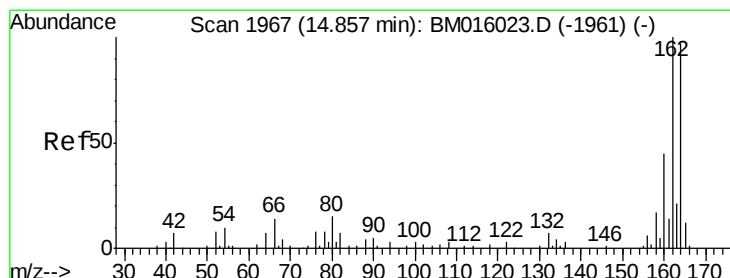
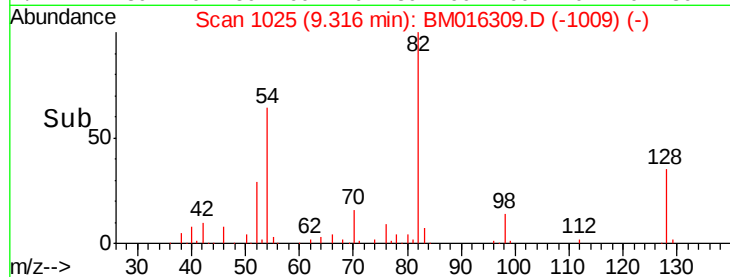
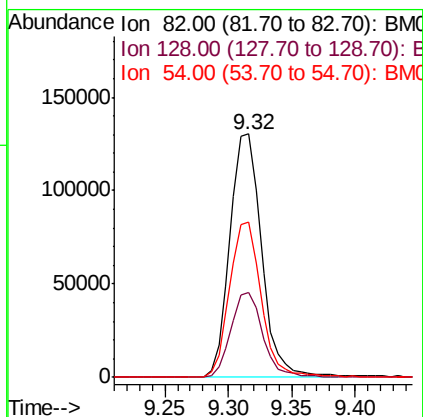
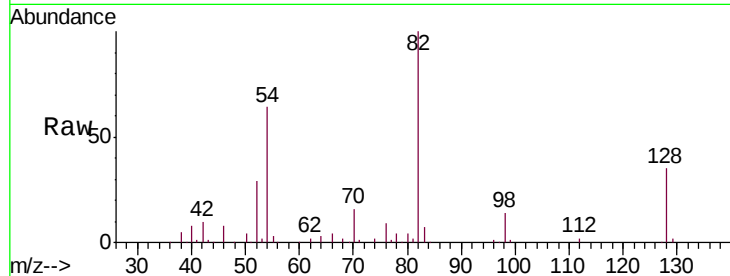




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

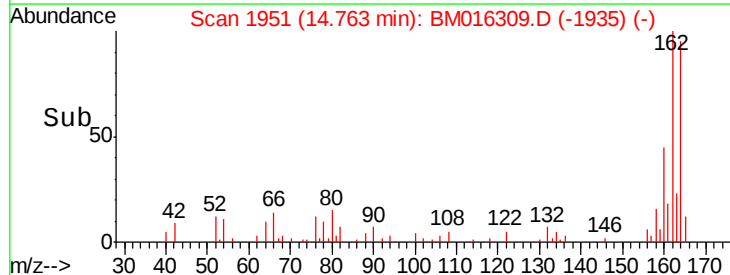
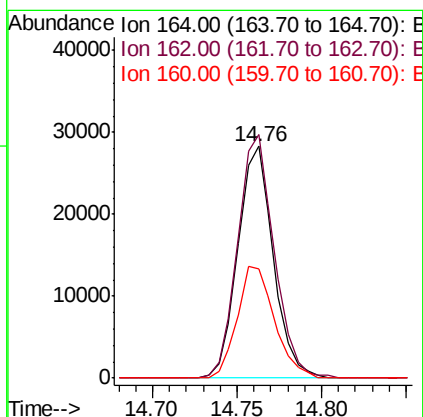
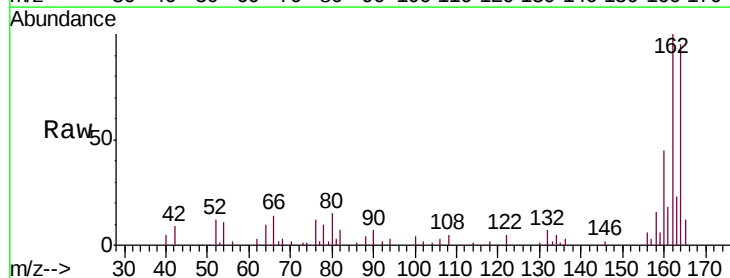
Instrument :
 BNA_M
 ClientSampleId :
 JC-03-080918-C

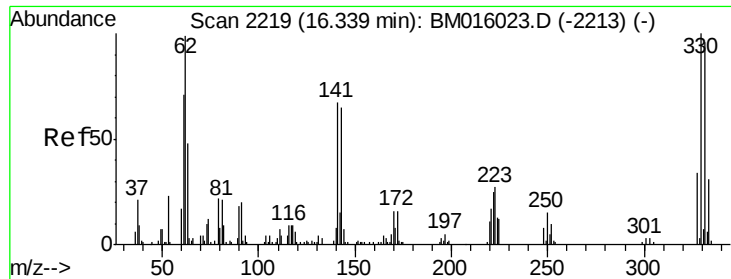
Tgt Ion: 82 Resp: 227229
 Ion Ratio Lower Upper
 82 100
 128 34.9 32.8 49.2
 54 63.7 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

Tgt Ion: 164 Resp: 41260
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 47.3 35.8 53.6

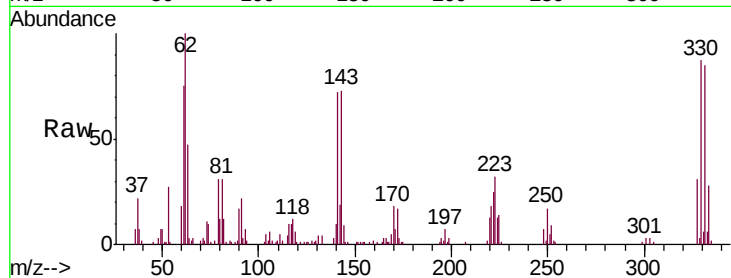




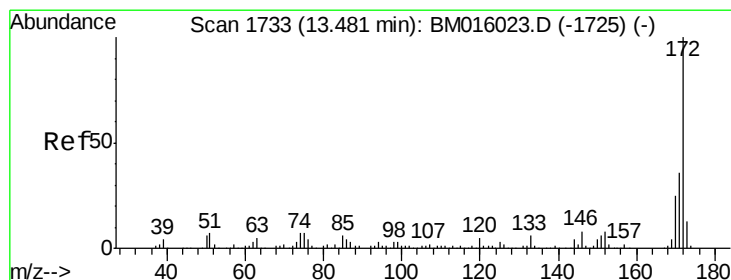
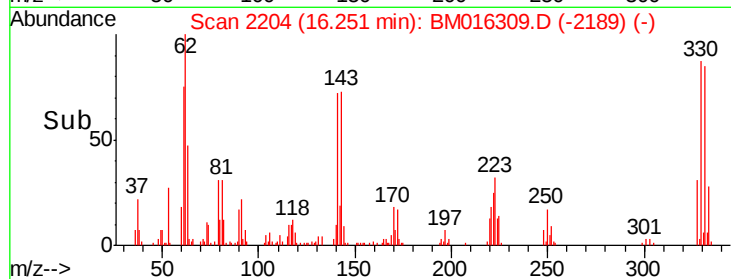
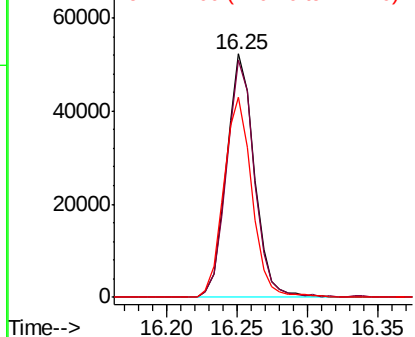
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

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

Tgt Ion: 330 Resp: 71780
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 83.5 0.0 0.0#

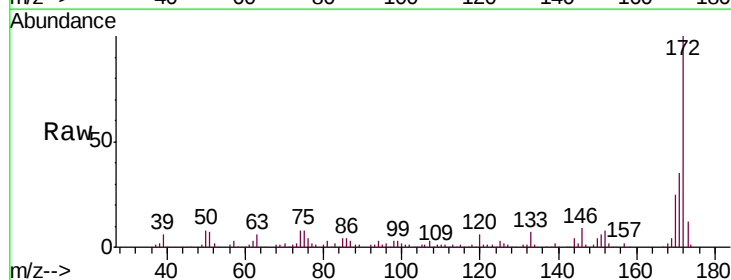


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

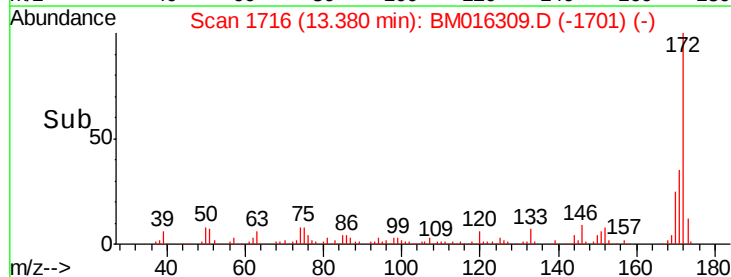
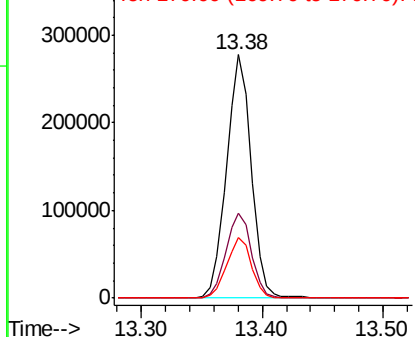


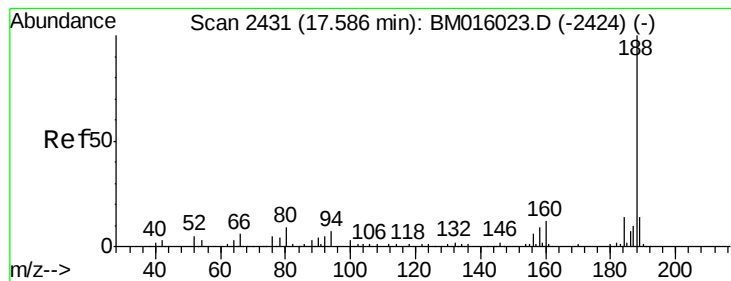
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016309.D
 Acq: 10 Aug 2018 23:04

Tgt Ion: 172 Resp: 394771
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 24.8 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: BM016309.D

Acq: 10 Aug 2018 23:04

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-C

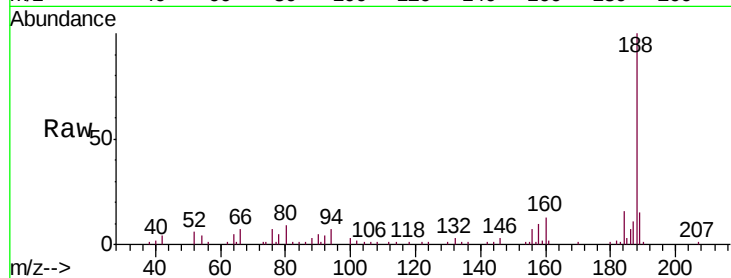
Tgt Ion:188 Resp: 85194

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

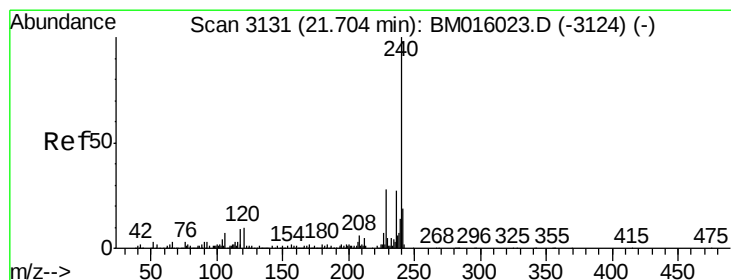
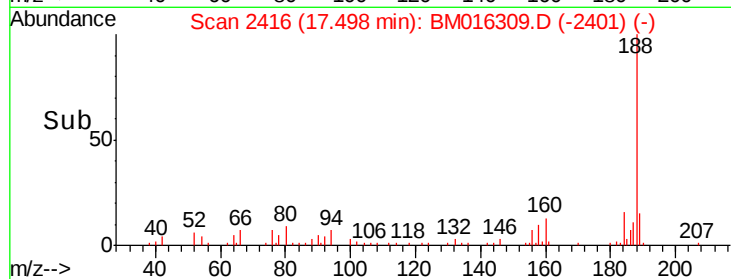
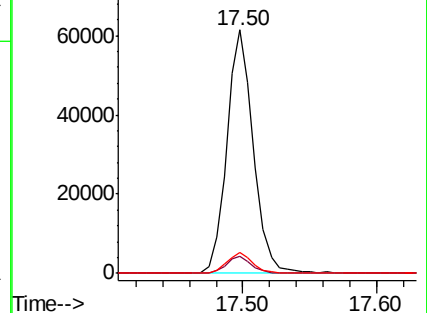
80 8.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM016309.D

Acq: 10 Aug 2018 23:04

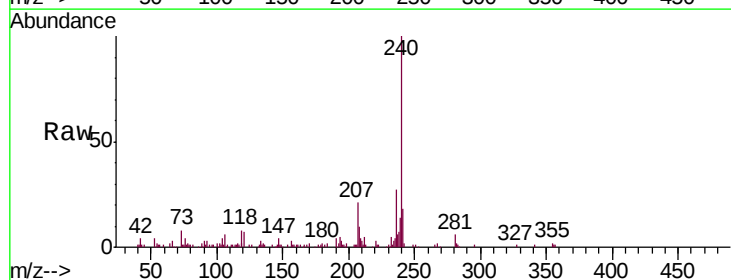
Tgt Ion:240 Resp: 99936

Ion Ratio Lower Upper

240 100

120 6.7 8.2 12.2#

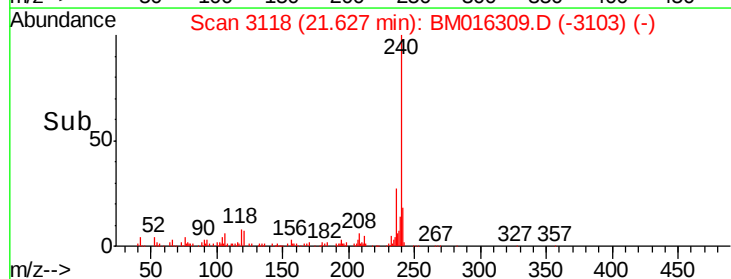
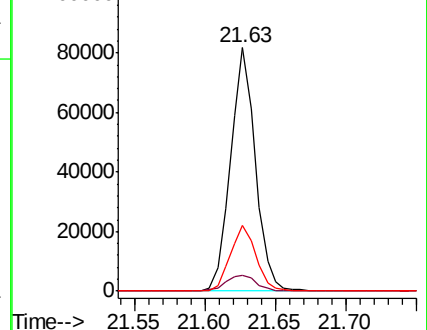
236 27.0 20.0 30.0

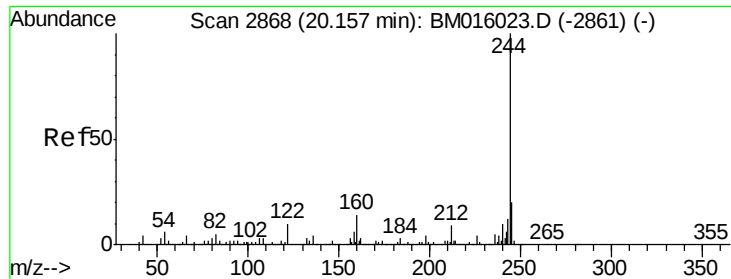


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: Below ng

RT: 20.07 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BM016309.D

Acq: 10 Aug 2018 23:04

Instrument :

BNA_M

ClientSampleId :

JC-03-080918-C

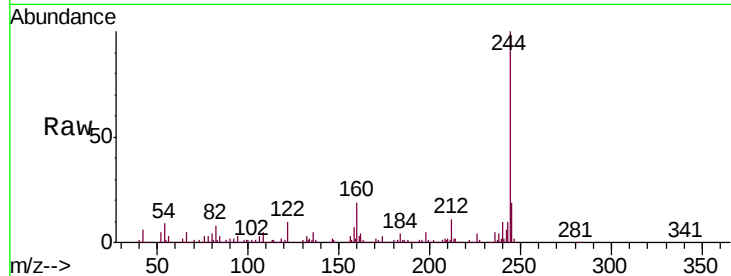
Tgt Ion:244 Resp: 587432

Ion Ratio Lower Upper

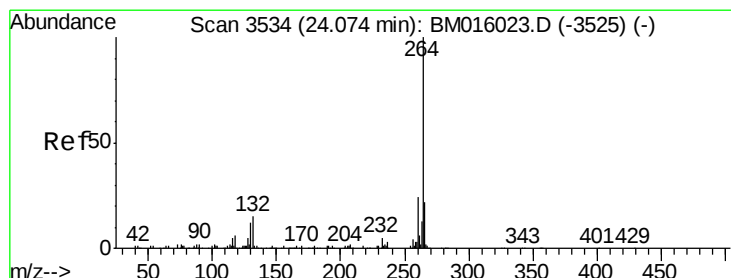
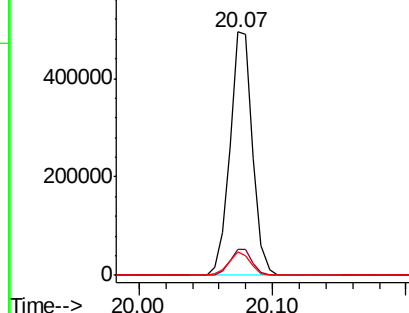
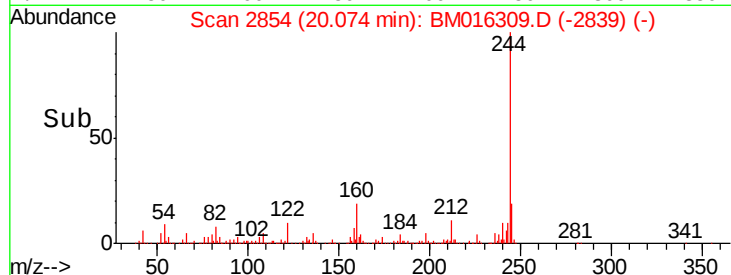
244 100

212 10.8 4.9 7.3#

122 9.8 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: BM016309.D

Acq: 10 Aug 2018 23:04

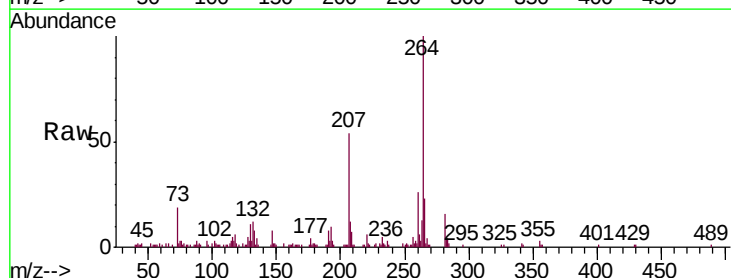
Tgt Ion:264 Resp: 117302

Ion Ratio Lower Upper

264 100

260 26.2 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

