

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016209.D
 Acq On : 07 Aug 2018 02:02
 Operator : SJ/JU
 Sample : J4330-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 073018-TIPC-F-U-B

Quant Time: Aug 07 05:22:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	34237	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	131081	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	67233	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	143598	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	153481	20.00	ng	-0.04
86) Perylene-d12	24.01	264	163495	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	86786	42.11	ng	-0.05
7) Phenol-d6	7.33	99	61720	22.93	ng	-0.05
23) Nitrobenzene-d5	9.36	82	297738	105.65	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	78556	92.12	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	544274	98.50	ng	-0.06
78) Terphenyl-d14	20.11	244	774339	105.61	ng	-0.05

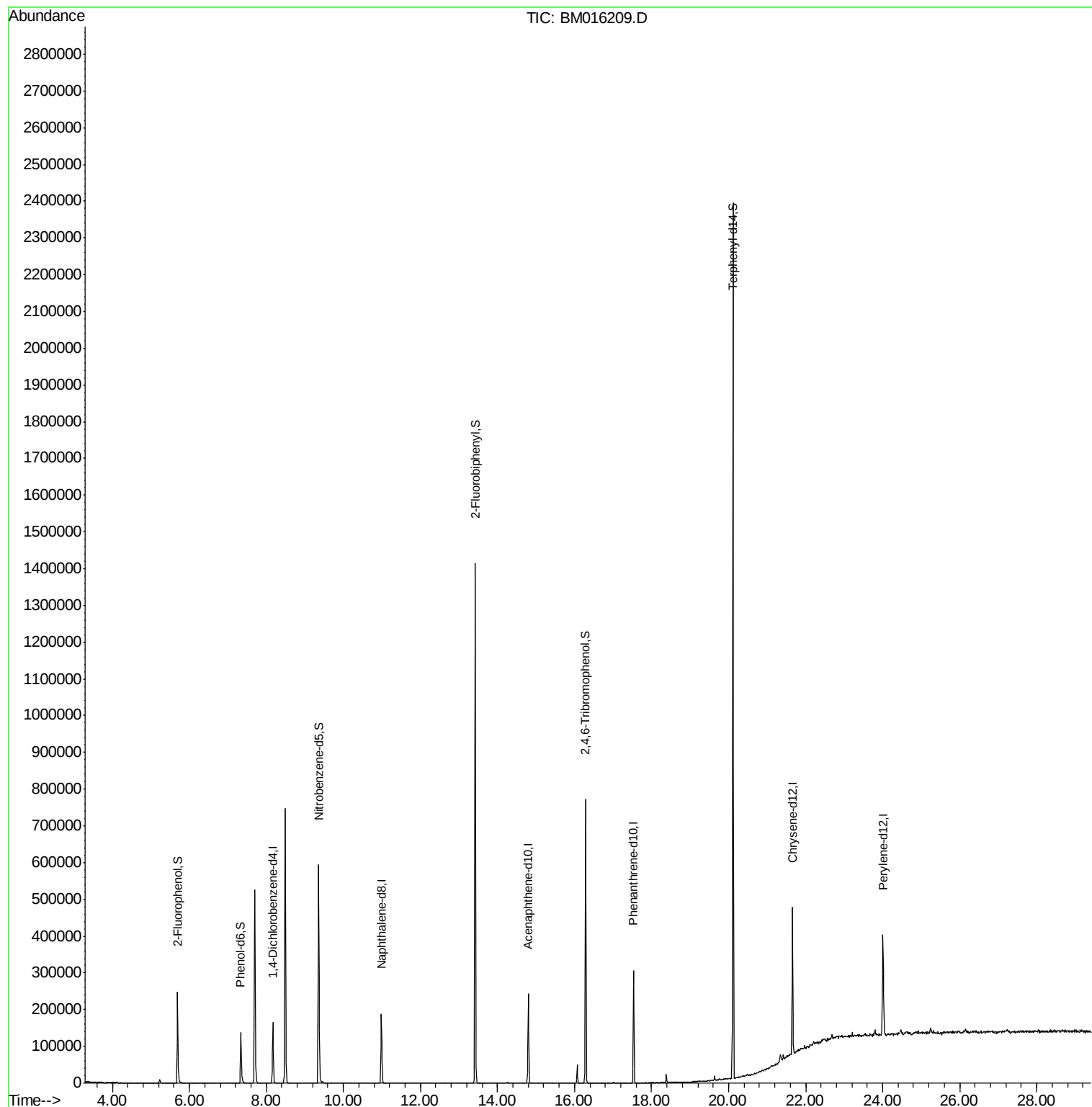
Target Compounds	Qvalue
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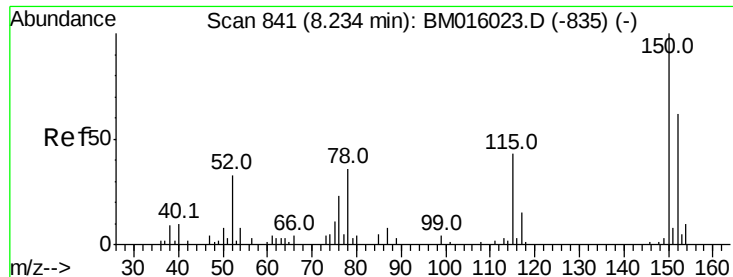
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.06 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-B

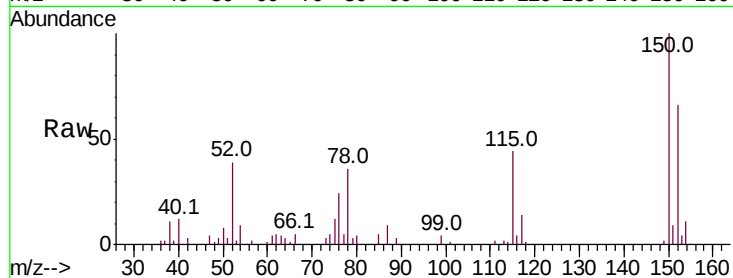
Tot Ion:152 Resp: 34237

Ion Ratio Lower Upper

152 100

150 151.2 119.5 179.3

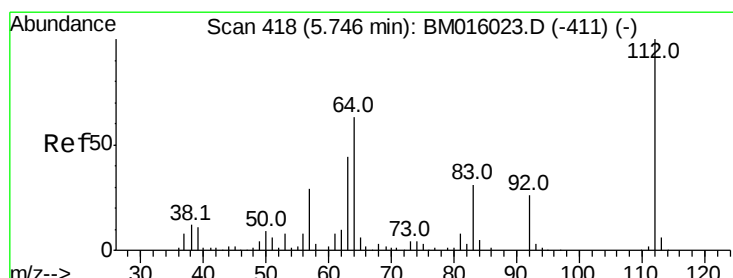
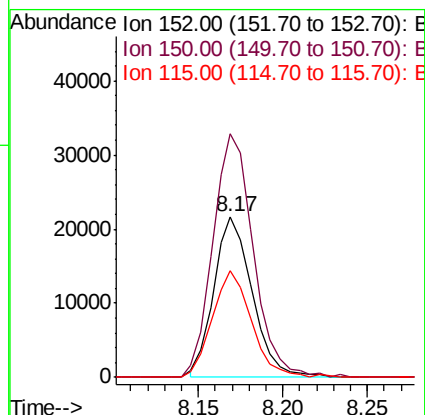
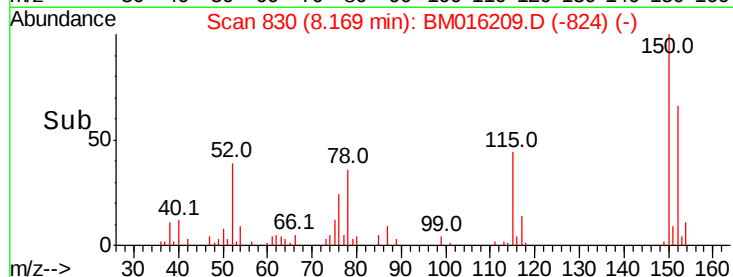
115 66.2 43.0 64.4#



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: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

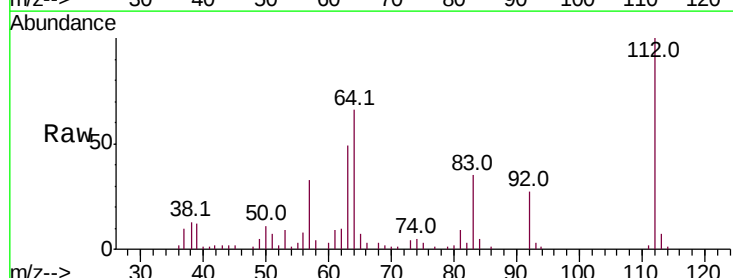
Tgt Ion:112 Resp: 86786

Ion Ratio Lower Upper

112 100

64 66.2 38.6 57.8#

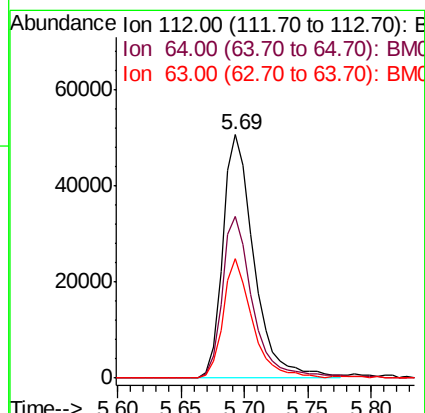
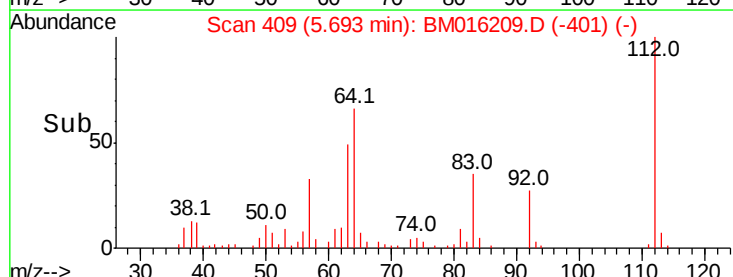
63 49.1 19.3 28.9#



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: 7.33 min Scan# 688

Delta R.T. -0.05 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-B

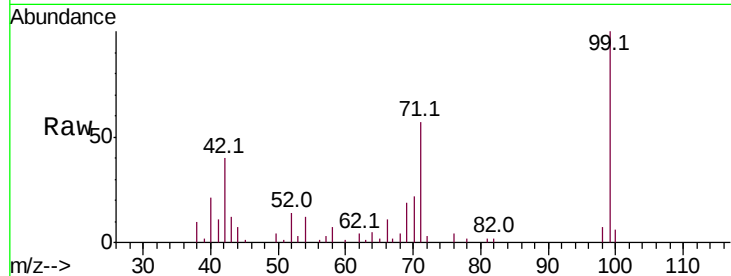
Tot Ion: 99 Resp: 61720

Ion Ratio Lower Upper

99 100

42 40.3 11.0 16.4#

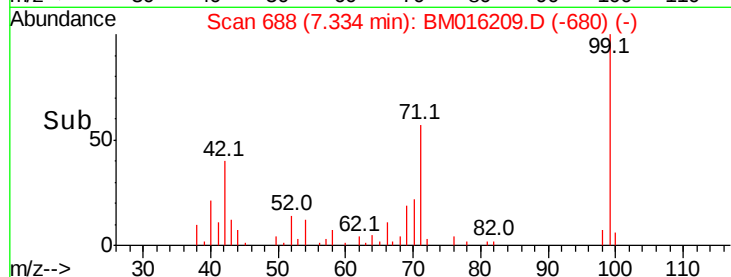
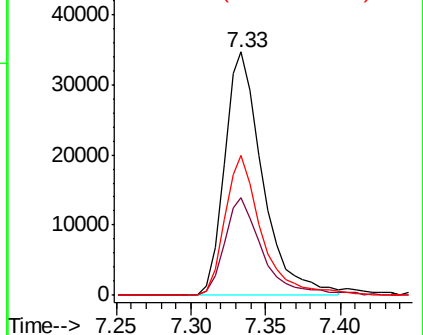
71 57.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016209.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016209.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016209.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

Tgt Ion: 136 Resp: 131081

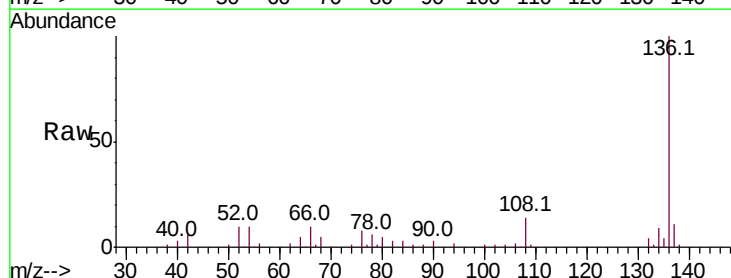
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.4 4.6 6.8#

68 4.6 3.7 5.5

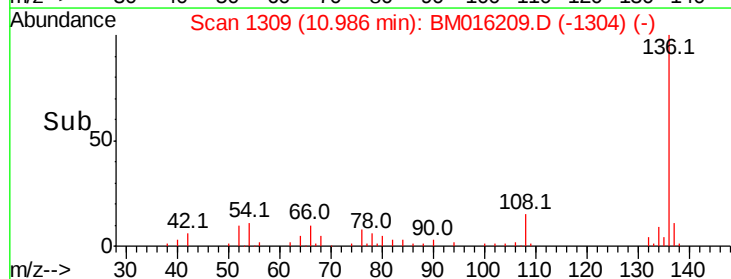
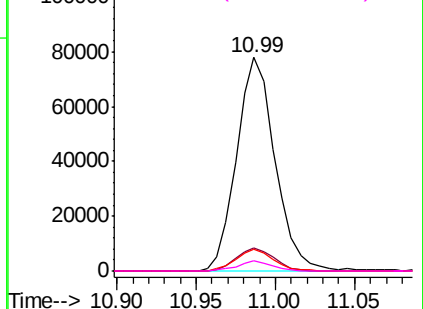


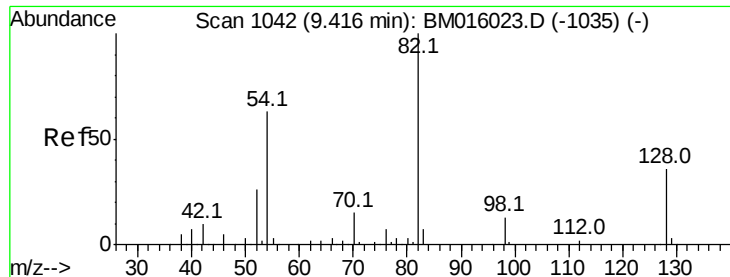
Abundance Ion 136.00 (135.70 to 136.70): BM016209.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016209.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016209.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016209.D (-1304) (-)

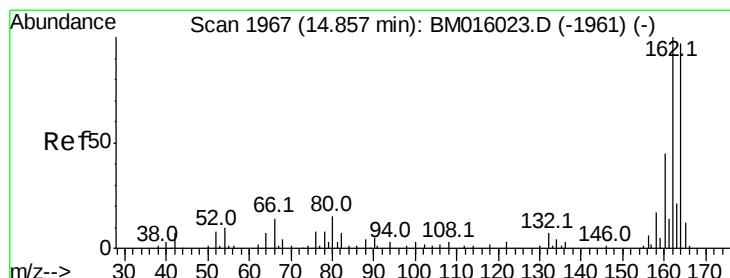
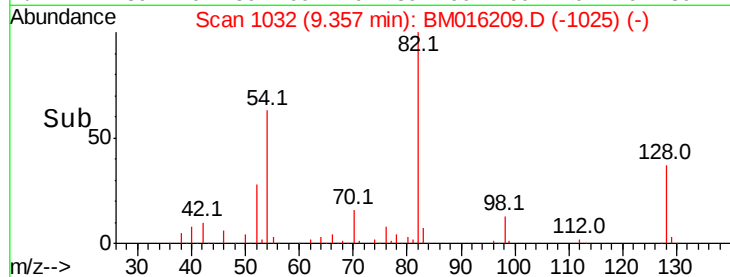
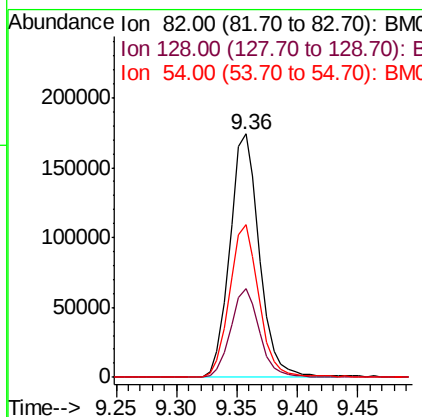
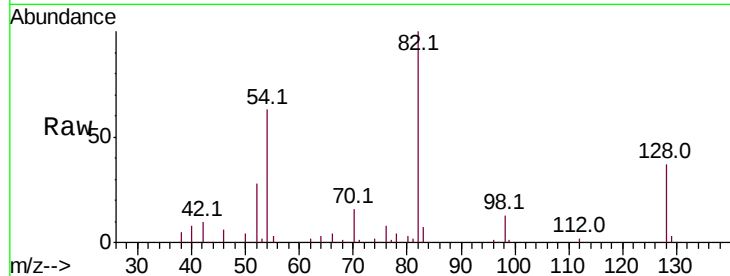




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

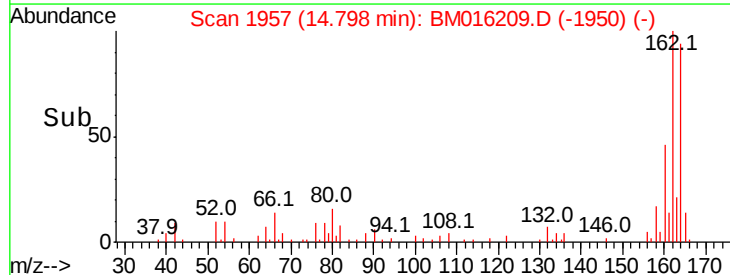
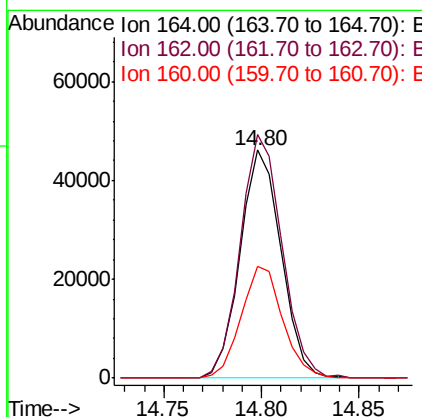
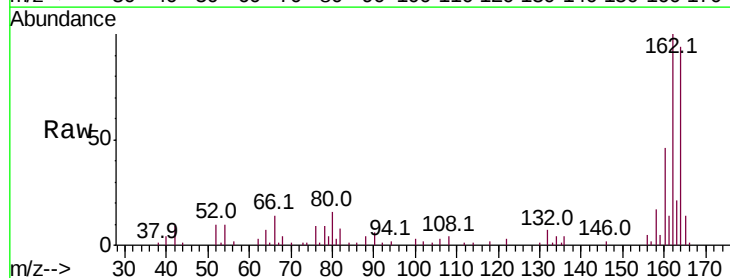
Instrument :
 BNA_M
 ClientSampleId :
 073018-TIPC-F-U-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	32.8	49.2
54	62.7	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1957
 Delta R.T. -0.06 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.4	123.6
160	49.0	35.8	53.6

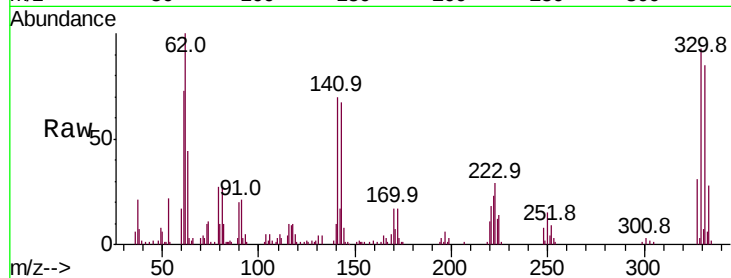




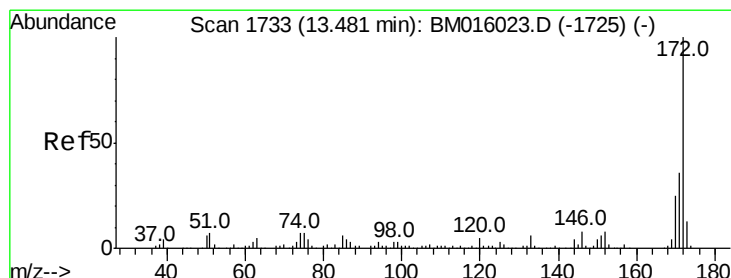
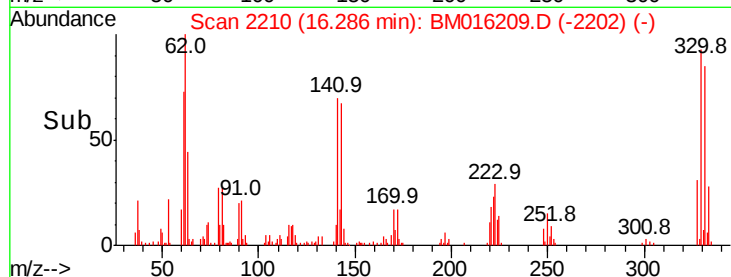
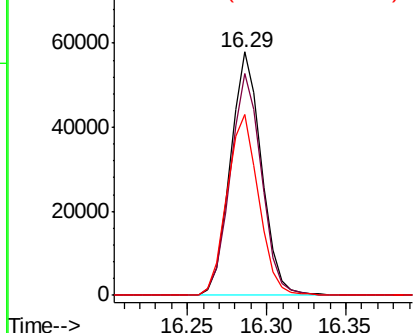
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

Instrument :
 BNA_M
 ClientSampleId :
 073018-TIPC-F-U-B

Tot Ion:330 Resp: 78556
 Ion Ratio Lower Upper
 330 100
 332 91.5 0.0 0.0#
 141 75.6 0.0 0.0#

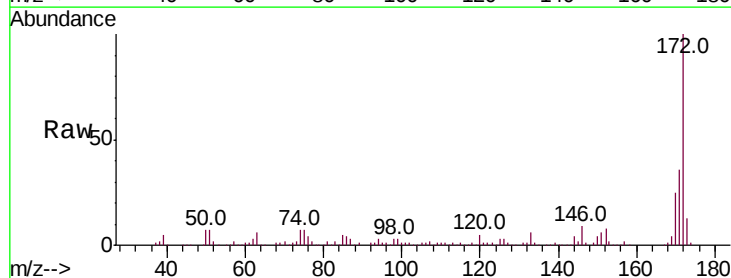


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

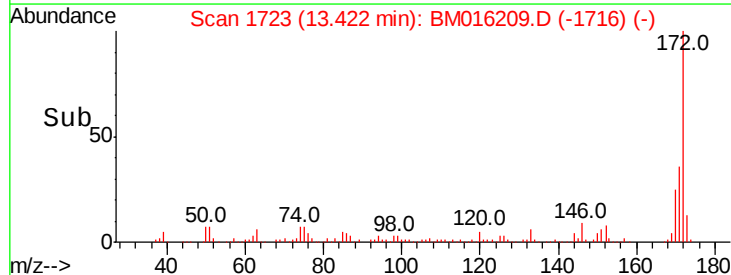
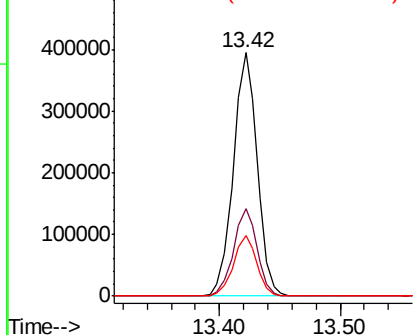


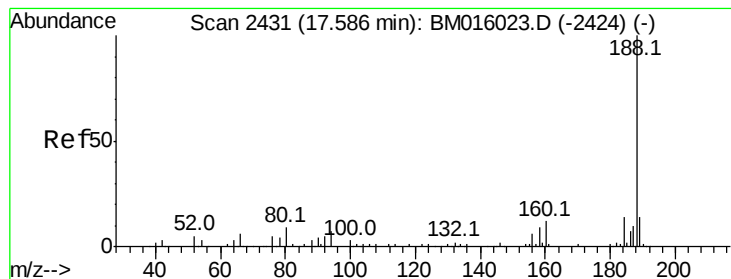
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

Tgt Ion:172 Resp: 544274
 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: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-B

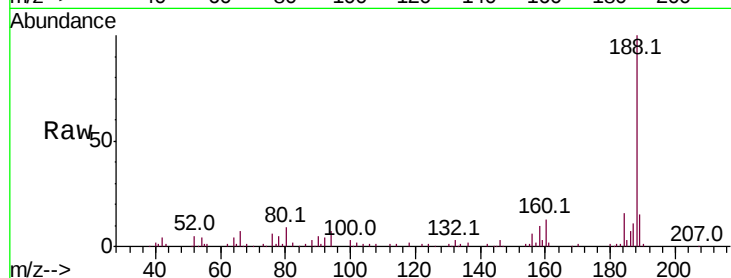
Tot Ion:188 Resp: 143598

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

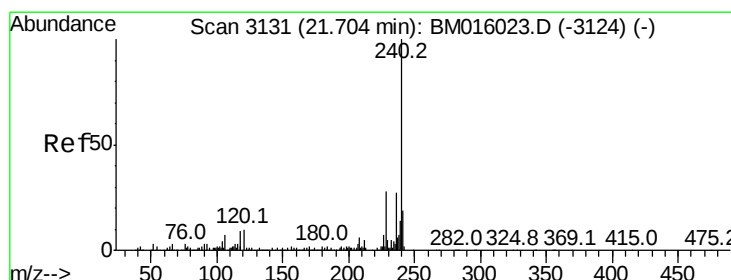
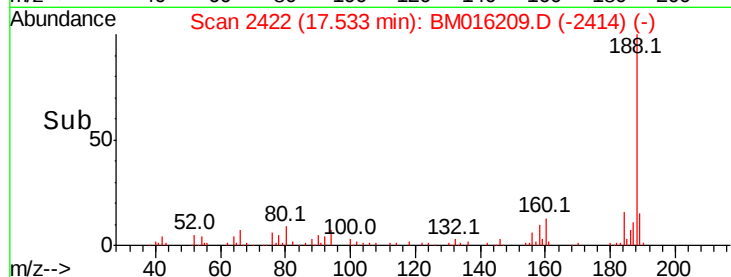
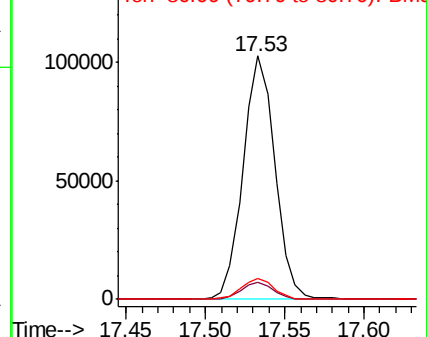
80 8.5 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM016209.D

Acq: 07 Aug 2018 02:02

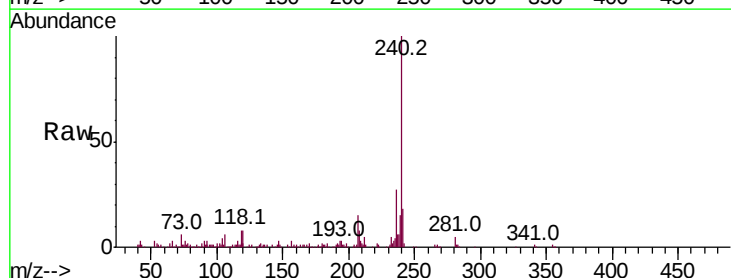
Tgt Ion:240 Resp: 153481

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

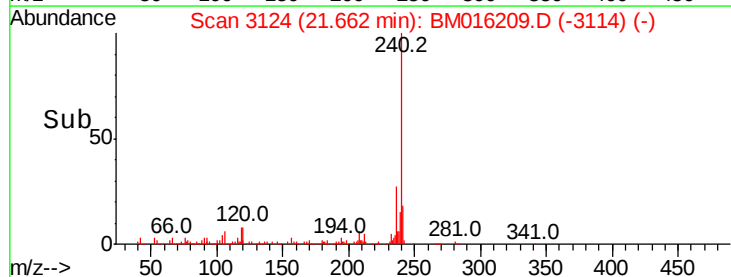
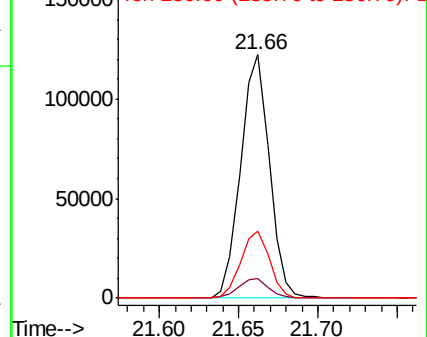
236 27.3 20.0 30.0

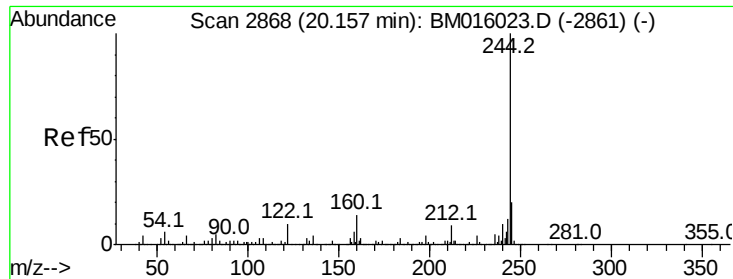


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

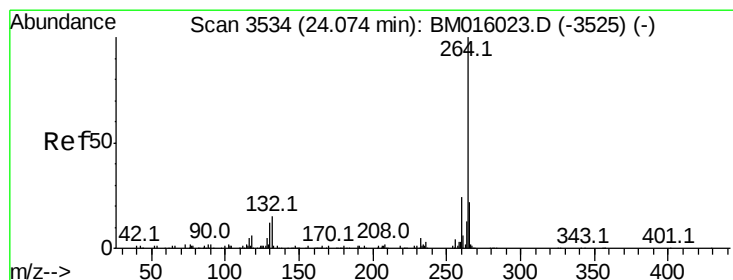
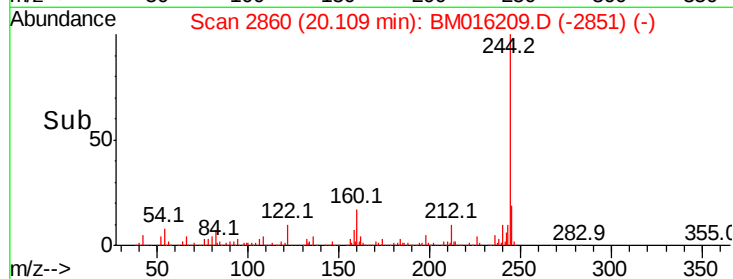
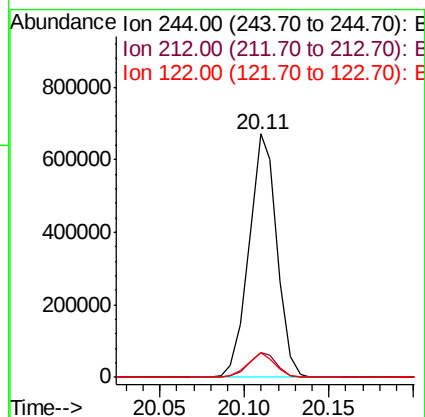
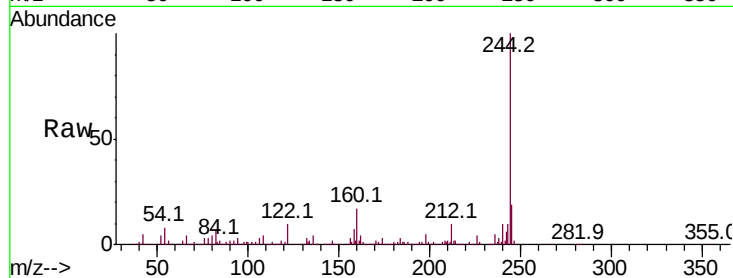




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.05 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

Instrument :
 BNA_M
 ClientSampleId :
 073018-TIPC-F-U-B

Tot Ion:244 Resp: 774339
 Ion Ratio Lower Upper
 244 100
 212 10.3 4.9 7.3#
 122 10.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.01 min Scan# 3523
 Delta R.T. -0.06 min
 Lab File: BM016209.D
 Acq: 07 Aug 2018 02:02

Tgt Ion:264 Resp: 163495
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 27.8
 265 23.6 17.3 25.9

