

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016210.D
 Acq On : 07 Aug 2018 02:38
 Operator : SJ/JU
 Sample : J4330-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 07 05:23:56 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	33604	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	125682	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	64952	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	138968	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	149939	20.00	ng	-0.04
86) Perylene-d12	24.01	264	162338	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	91925	45.44	ng	-0.05
7) Phenol-d6	7.33	99	68670	25.99	ng	-0.05
23) Nitrobenzene-d5	9.36	82	300618	111.25	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	75872	92.10	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	549081	102.86	ng	-0.06
78) Terphenyl-d14	20.11	244	782504	109.25	ng	-0.05

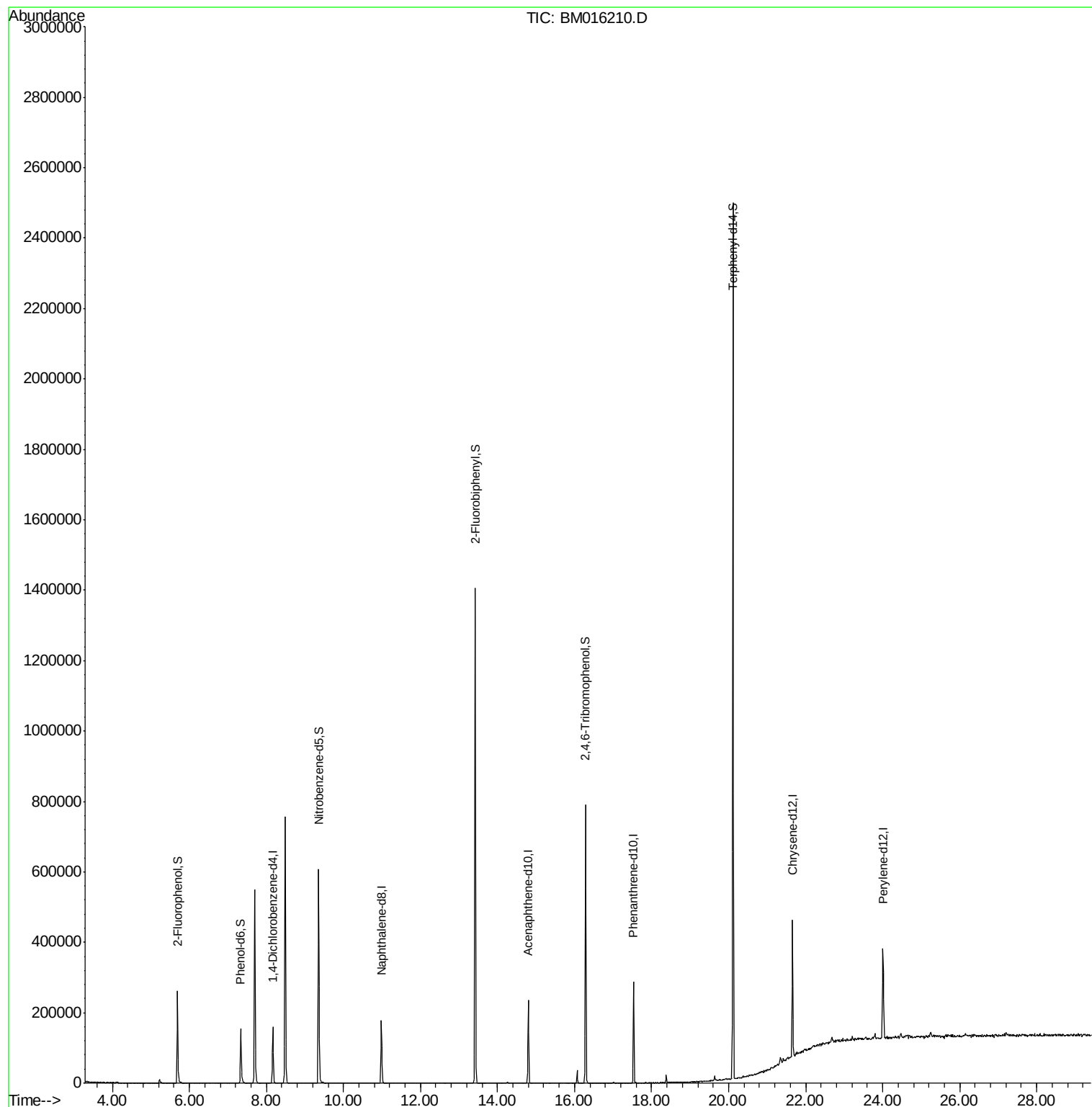
Target Compounds Qvalue

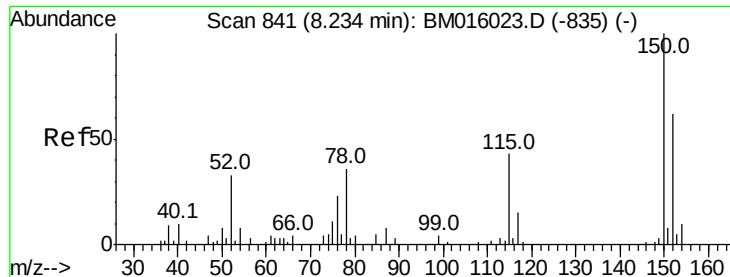
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.07 min

Lab File: BM016210.D

Acq: 07 Aug 2018 02:38

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-S

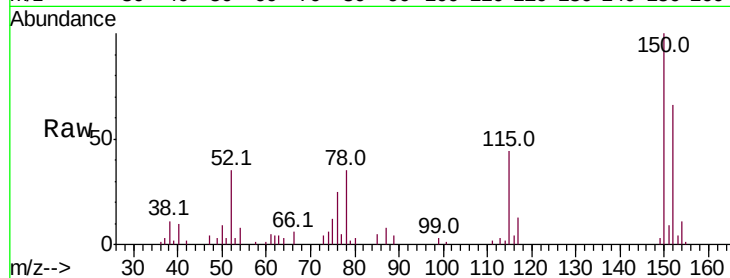
Tot Ion:152 Resp: 33604

Ion Ratio Lower Upper

152 100

150 151.9 119.5 179.3

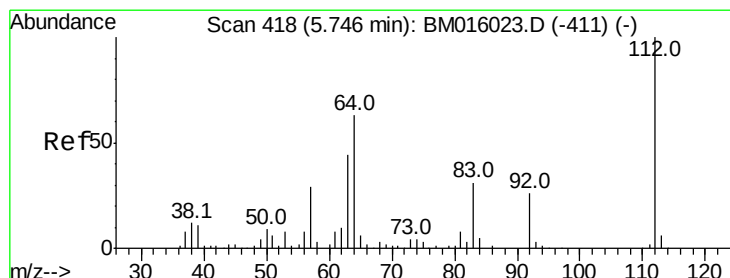
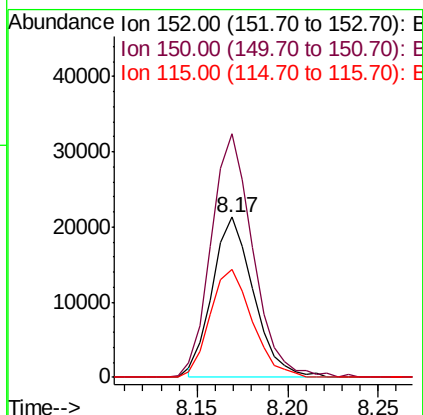
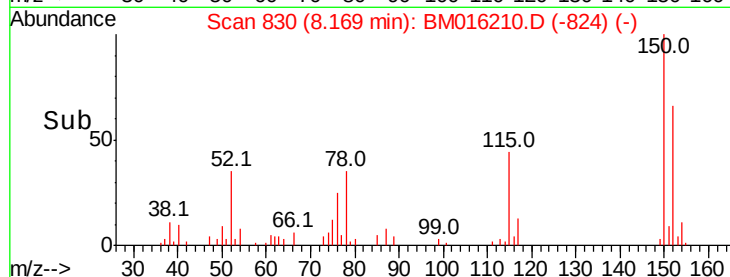
115 67.4 43.0 64.4#



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: 5.69 min Scan# 409

Delta R.T. -0.05 min

Lab File: BM016210.D

Acq: 07 Aug 2018 02:38

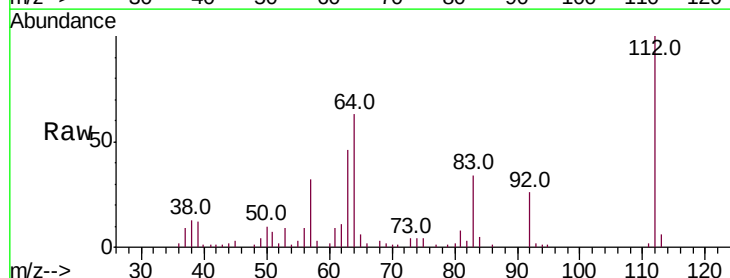
Tgt Ion:112 Resp: 91925

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

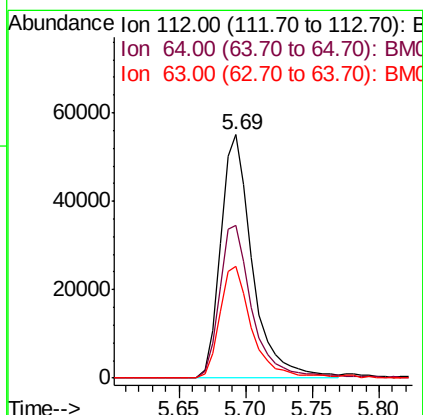
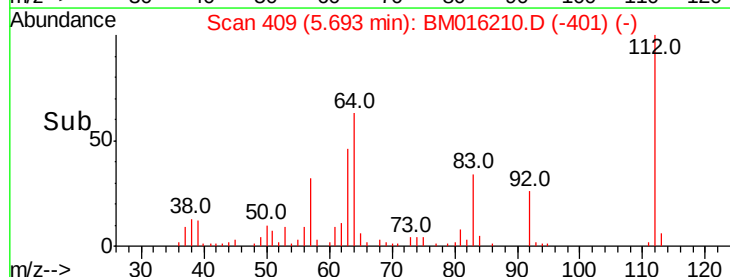
63 46.0 19.3 28.9#

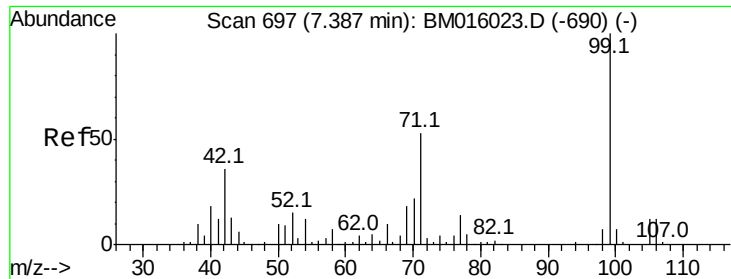


Abundance Ion 112.00 (111.70 to 112.70): E

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: BM016210.D

Acq: 07 Aug 2018 02:38

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-S

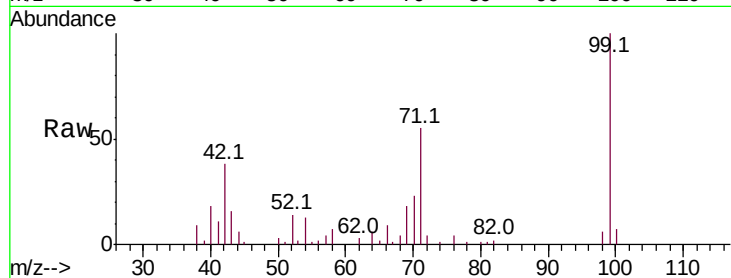
Tot Ion: 99 Resp: 68670

Ion Ratio Lower Upper

99 100

42 37.8 11.0 16.4#

71 54.5 23.4 35.2#

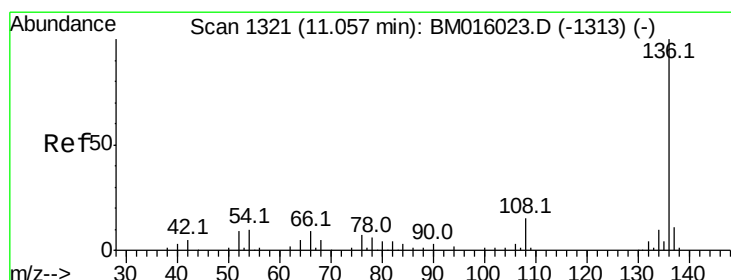
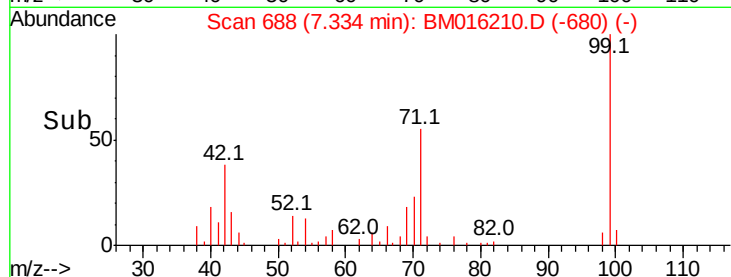
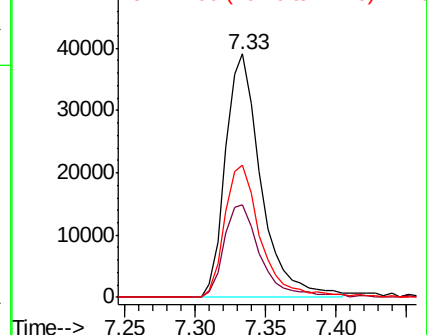


Abundance

Ion 99.00 (98.70 to 99.70): BM016210.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016210.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016210.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016210.D

Acq: 07 Aug 2018 02:38

Tgt Ion: 136 Resp: 125682

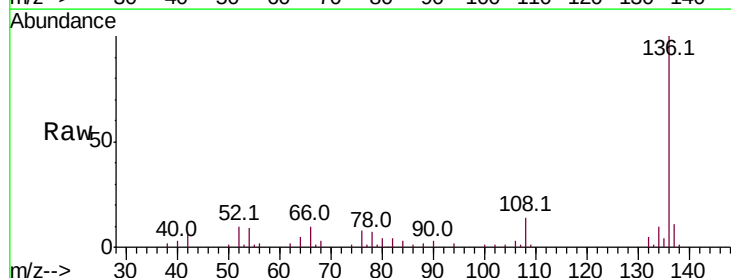
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 4.6 6.8#

68 3.4 3.7 5.5#



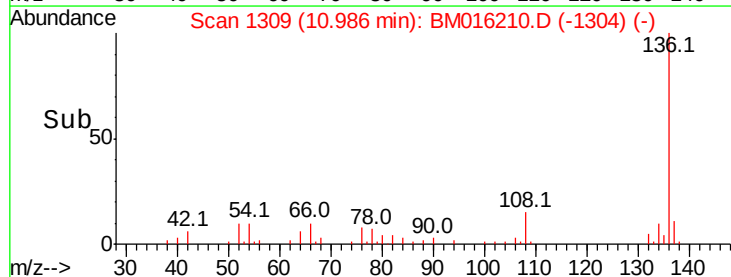
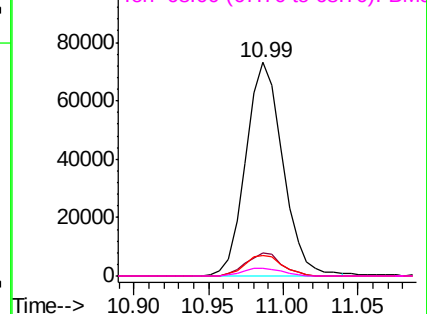
Abundance

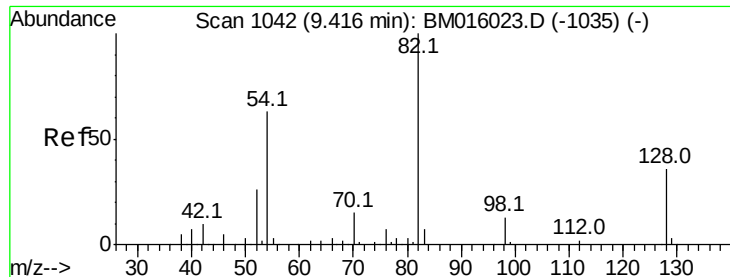
Ion 136.00 (135.70 to 136.70): BM016210.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016210.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016210.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016210.D (-1304) (-)

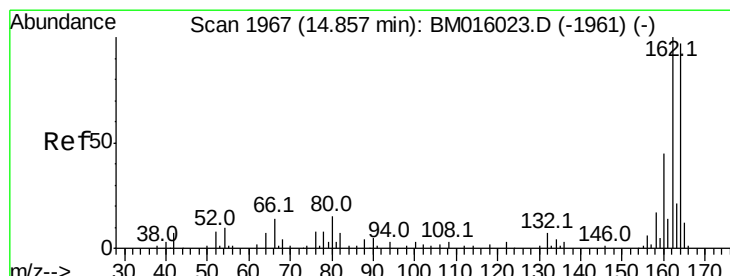
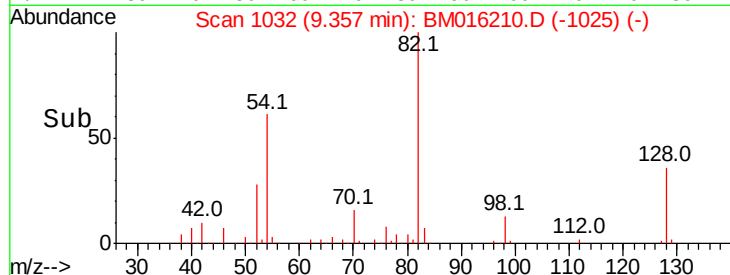
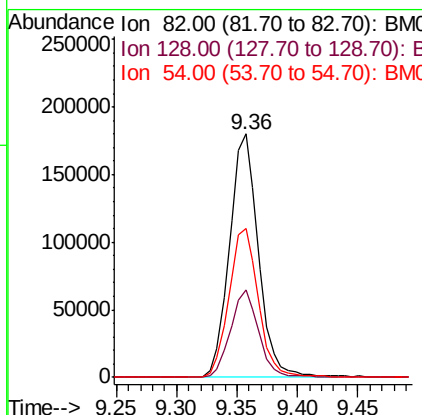
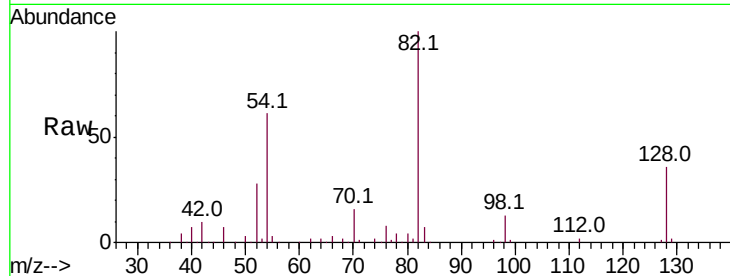




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.36 min Scan# 1032
 Delta R.T. -0.06 min
 Lab File: BM016210.D
 Acq: 07 Aug 2018 02:38

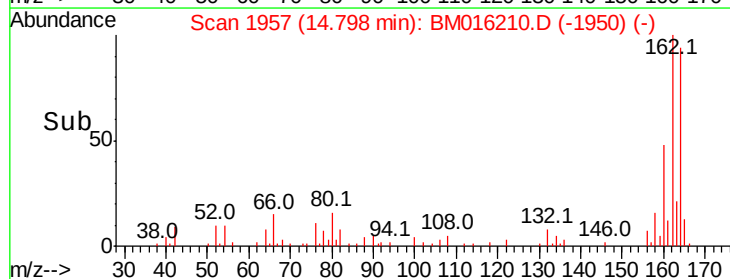
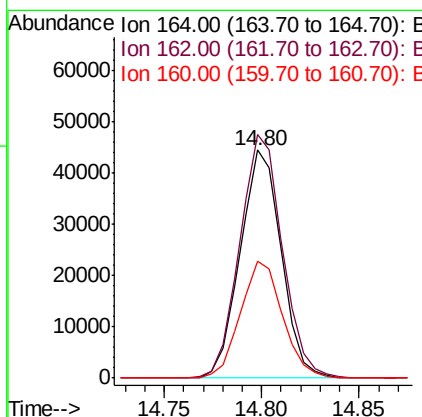
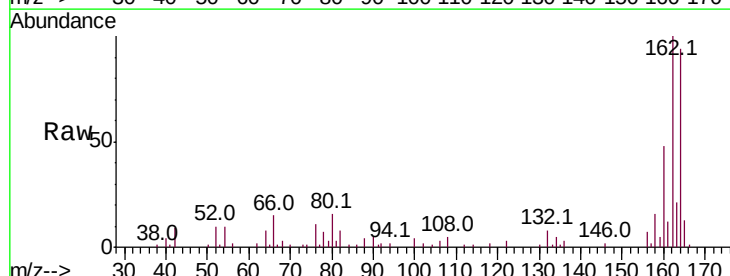
Instrument :
 BNA_M
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 073018-TIPC-F-U-S

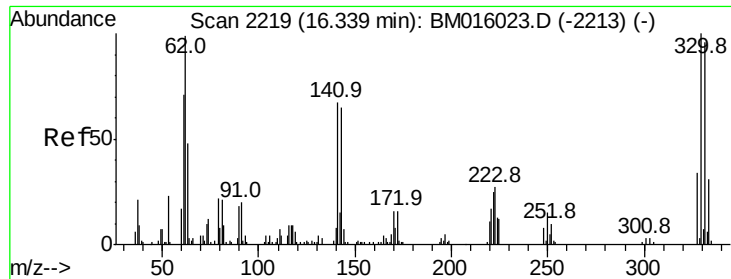
Tot Ion	82	Resp	300618
Ion Ratio	100	Lower	Upper
128	35.9	32.8	49.2
54	61.0	40.6	60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1957
 Delta R.T. -0.06 min
 Lab File: BM016210.D
 Acq: 07 Aug 2018 02:38

Tgt Ion	164	Resp	64952
Ion Ratio	100	Lower	Upper
162	106.7	82.4	123.6
160	51.2	35.8	53.6

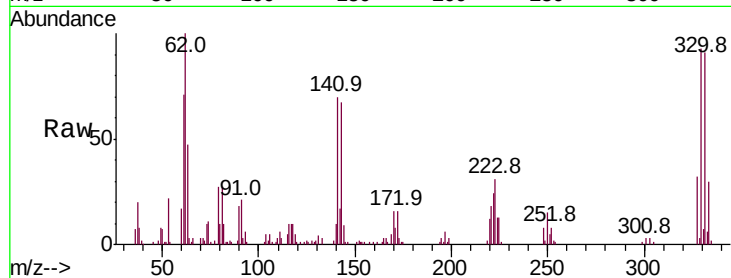




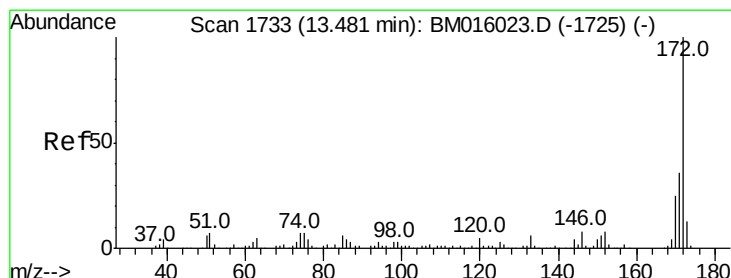
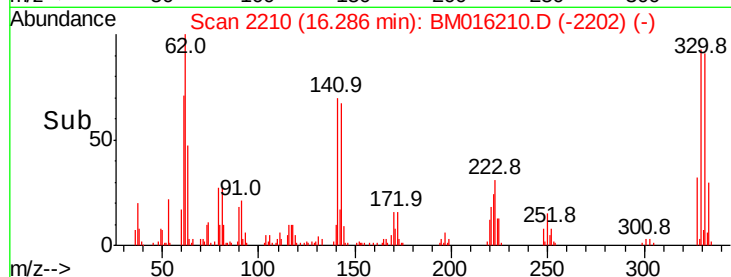
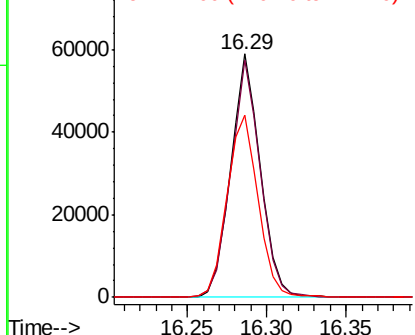
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016210.D
 Acq: 07 Aug 2018 02:38

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

Tot Ion:330 Resp: 75872
 Ion Ratio Lower Upper
 330 100
 332 97.3 0.0 0.0#
 141 78.8 0.0 0.0#

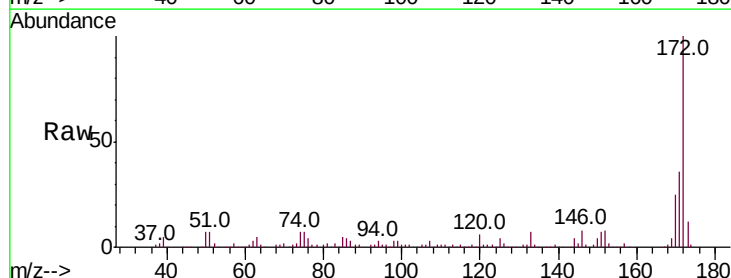


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

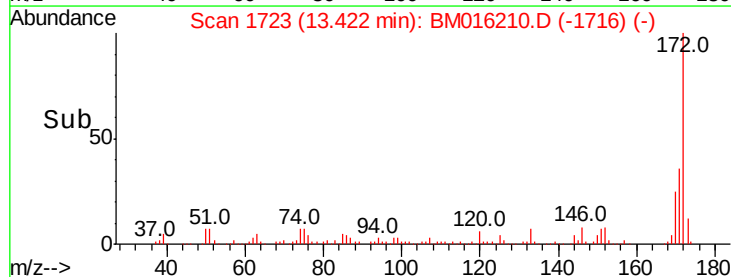
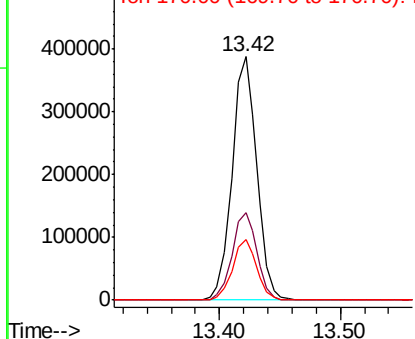


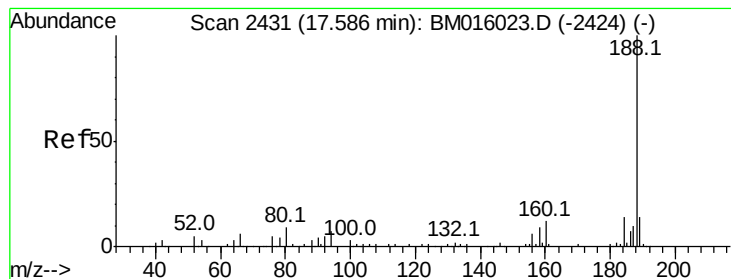
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016210.D
 Acq: 07 Aug 2018 02:38

Tgt Ion:172 Resp: 549081
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 17.53 min Scan# 2422

Delta R.T. -0.05 min

Lab File: BM016210.D

Acq: 07 Aug 2018 02:38

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-U-S

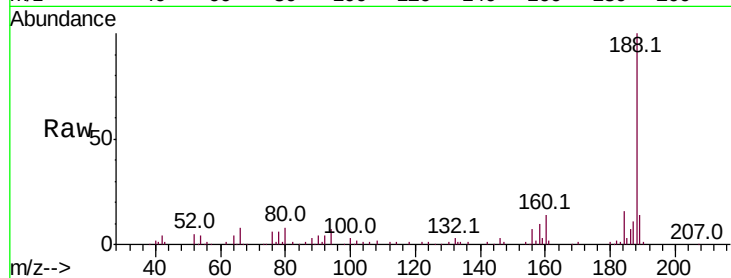
Tot Ion:188 Resp: 138968

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

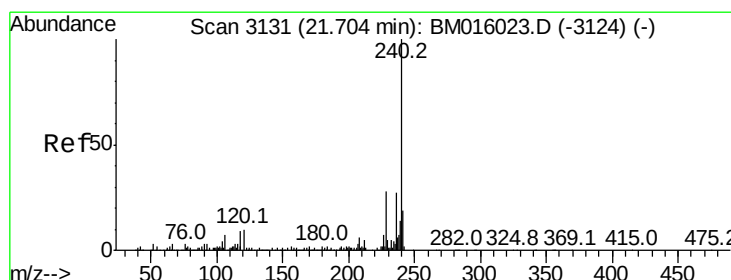
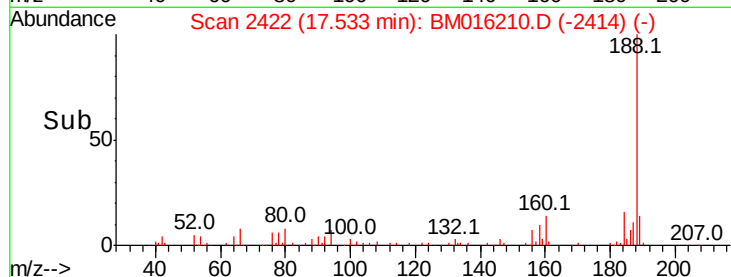
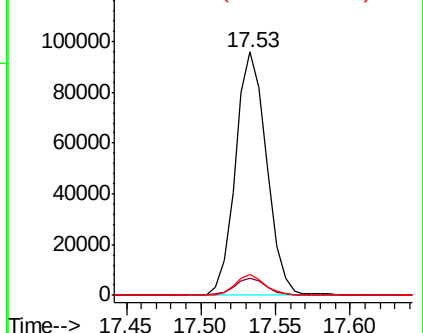
80 8.3 9.3 13.9#



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: BM016210.D

Acq: 07 Aug 2018 02:38

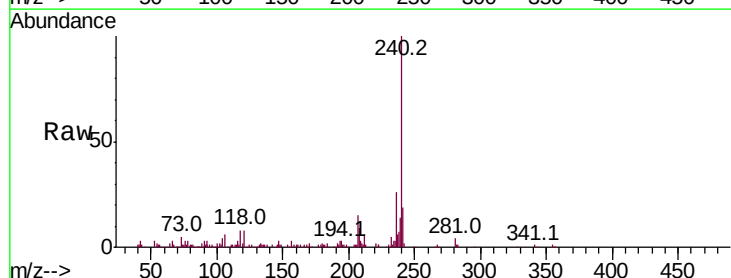
Tgt Ion:240 Resp: 149939

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

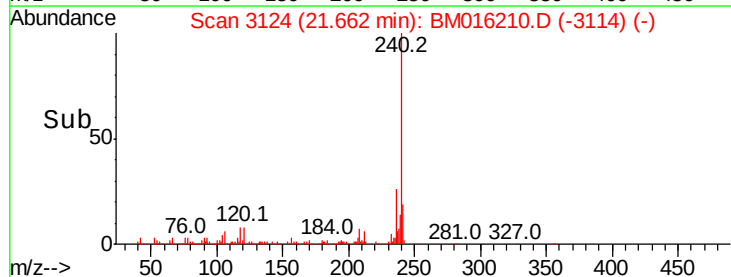
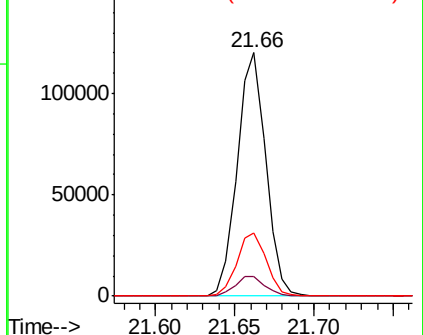
236 25.9 20.0 30.0

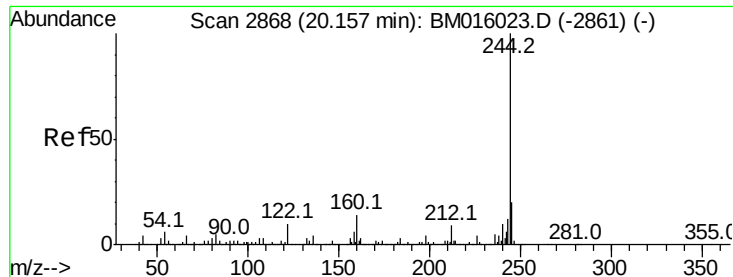


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

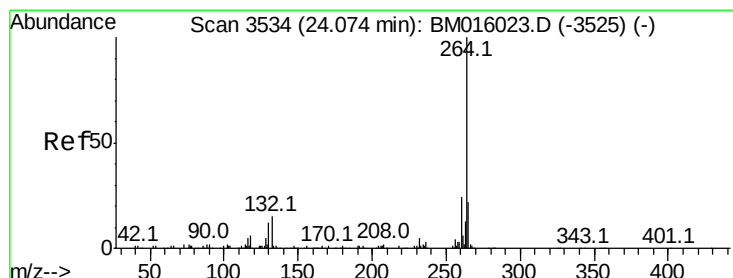
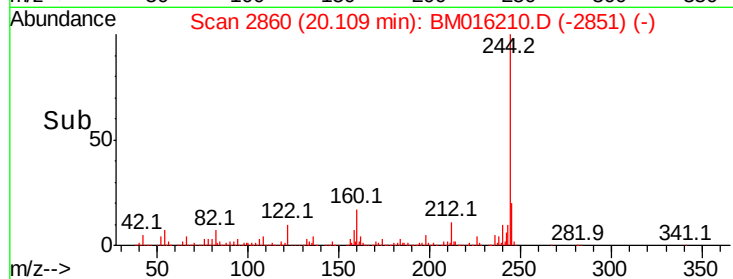
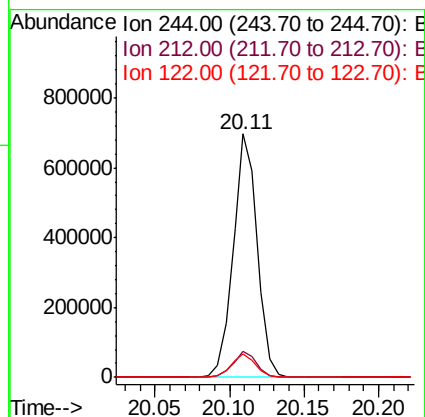
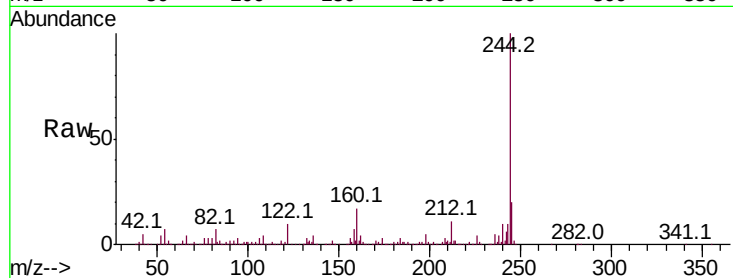




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.05 min
 Lab File: BM016210.D
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Tot Ion:244 Resp: 782504
 Ion Ratio Lower Upper
 244 100
 212 10.5 4.9 7.3#
 122 9.7 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.01 min Scan# 3523
 Delta R.T. -0.07 min
 Lab File: BM016210.D
 Acq: 07 Aug 2018 02:38

Tgt Ion:264 Resp: 162338
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 23.1 17.3 25.9

