

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016214.D
 Acq On : 07 Aug 2018 05:38
 Operator : SJ/JU
 Sample : J4331-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 073118-TIPC-E-U-M

Quant Time: Aug 07 08:01:01 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	31525	20.00	ng	-0.07
21) Naphthalene-d8	10.99	136	119318	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	62382	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	130750	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	145016	20.00	ng	-0.05
86) Perylene-d12	24.01	264	155591	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	88266	46.51	ng	-0.05
7) Phenol-d6	7.33	99	64914	26.19	ng	-0.06
23) Nitrobenzene-d5	9.36	82	282092	109.96	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	72061	91.08	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	499443	97.41	ng	-0.06
78) Terphenyl-d14	20.11	244	767830	110.84	ng	-0.05

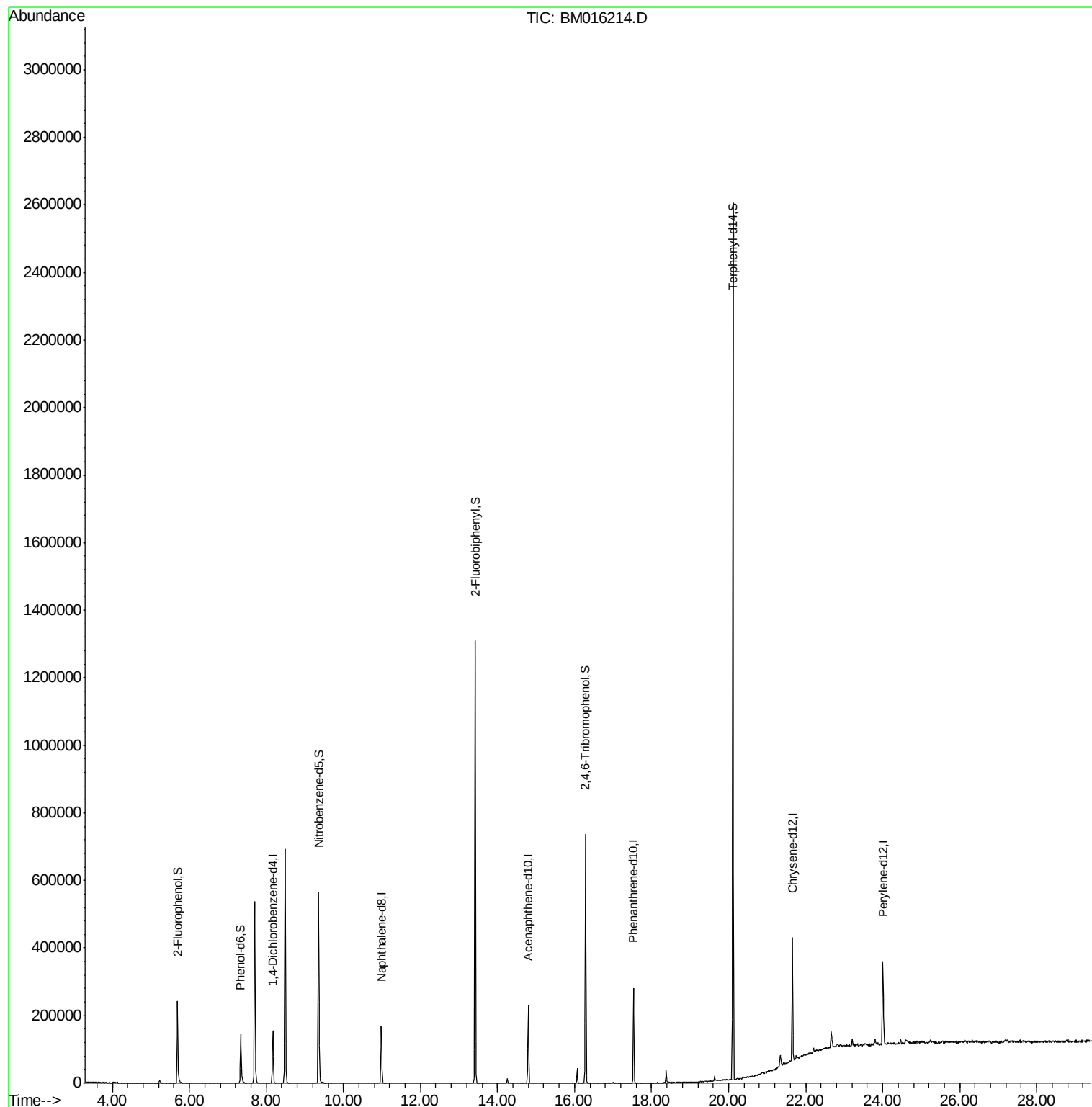
Target Compounds Qvalue

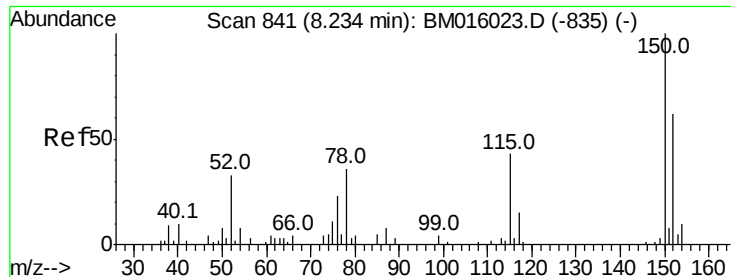
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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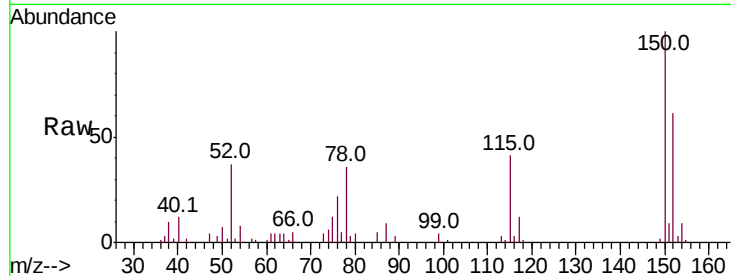


#1

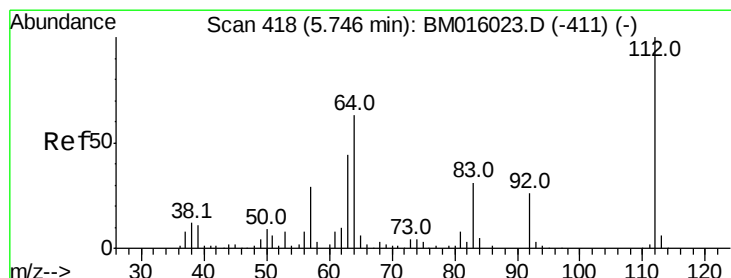
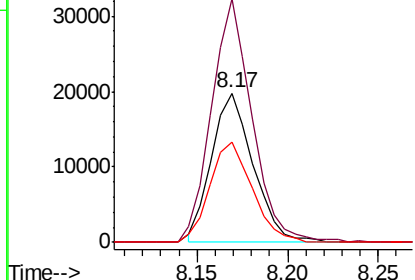
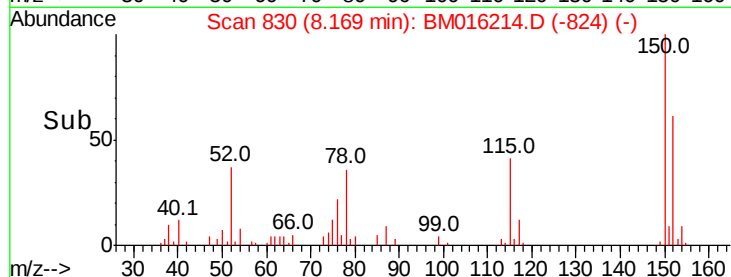
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.07 min
 Lab File: BM016214.D
 Acq: 07 Aug 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 073118-TIPC-E-U-M

Tot Ion:152 Resp: 31525
 Ion Ratio Lower Upper
 152 100
 150 163.4 119.5 179.3
 115 67.5 43.0 64.4#



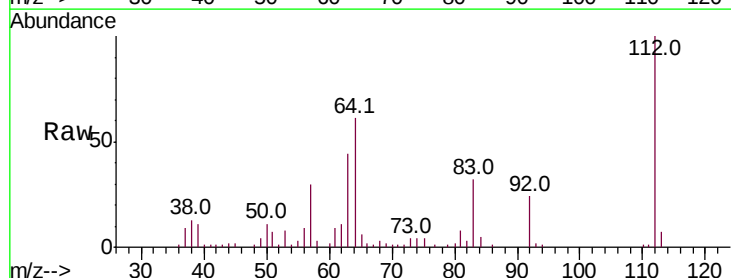
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



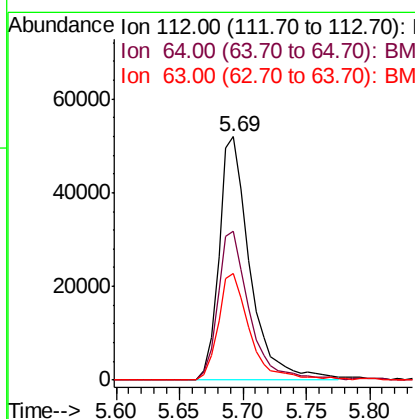
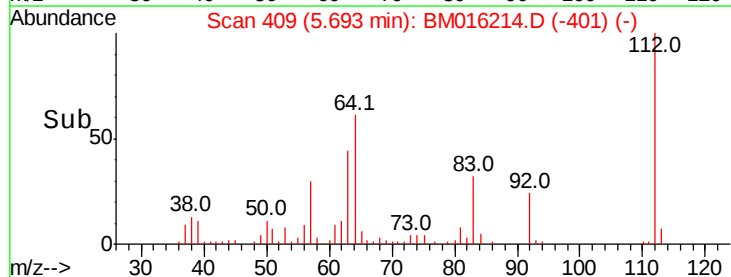
#5

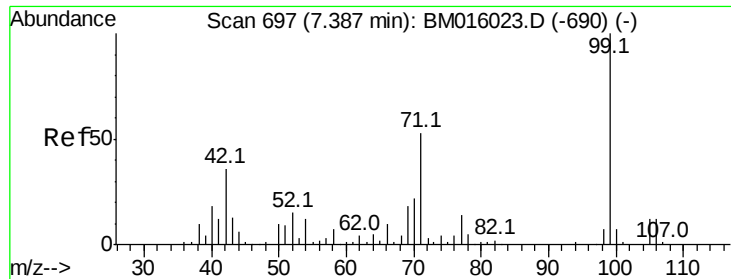
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016214.D
 Acq: 07 Aug 2018 05:38

Tgt Ion:112 Resp: 88266
 Ion Ratio Lower Upper
 112 100
 64 61.3 38.6 57.8#
 63 43.8 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# 687

Delta R.T. -0.06 min

Lab File: BM016214.D

Acq: 07 Aug 2018 05:38

Instrument :

BNA_M

ClientSampleId :

073118-TIPC-E-U-M

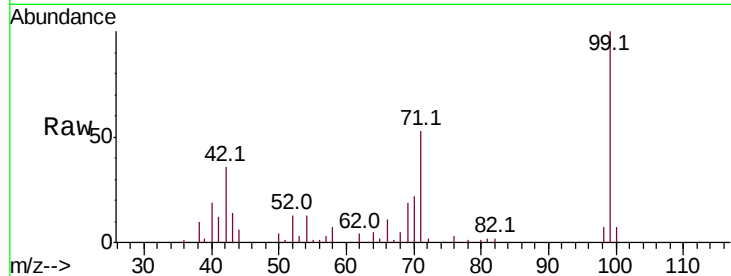
Tot Ion: 99 Resp: 64914

Ion Ratio Lower Upper

99 100

42 36.5 11.0 16.4#

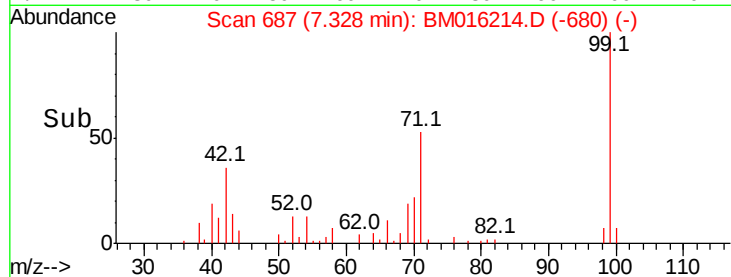
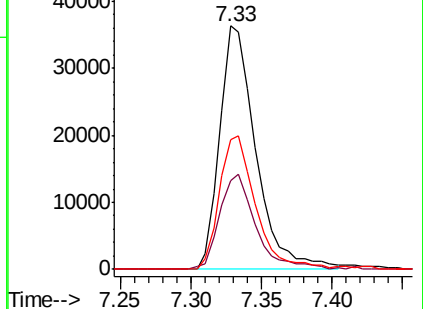
71 53.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016214.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016214.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016214.D (-680) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016214.D

Acq: 07 Aug 2018 05:38

Tgt Ion: 136 Resp: 119318

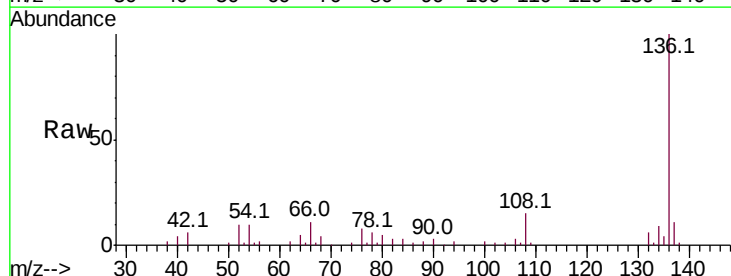
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.9 4.6 6.8#

68 4.1 3.7 5.5

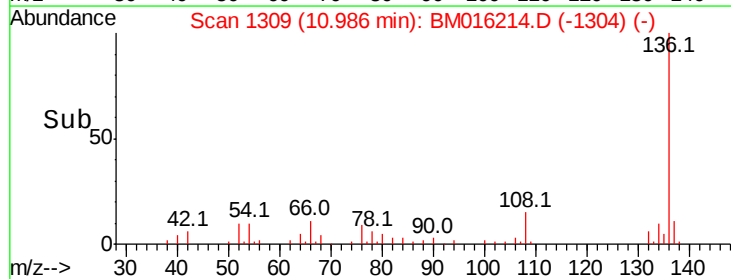
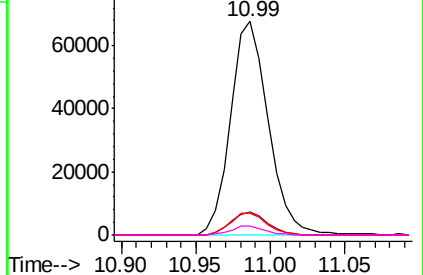


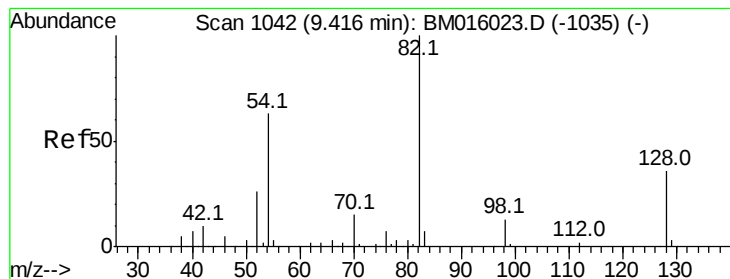
Abundance Ion 136.00 (135.70 to 136.70): BM016214.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016214.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016214.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016214.D (-1304) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.36 min Scan# 1032

Delta R.T. -0.06 min

Lab File: BM016214.D

Acq: 07 Aug 2018 05:38

Instrument :

BNA_M

ClientSampleId :

073118-TIPC-E-U-M

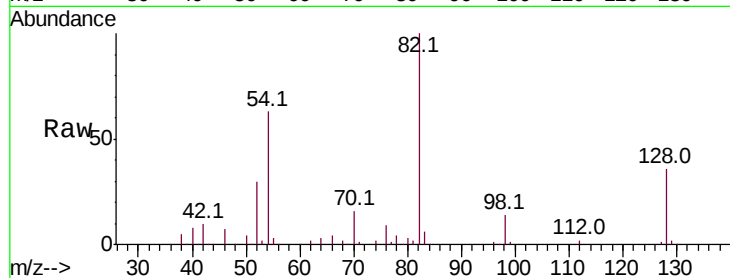
Tot Ion: 82 Resp: 282092

Ion Ratio Lower Upper

82 100

128 35.5 32.8 49.2

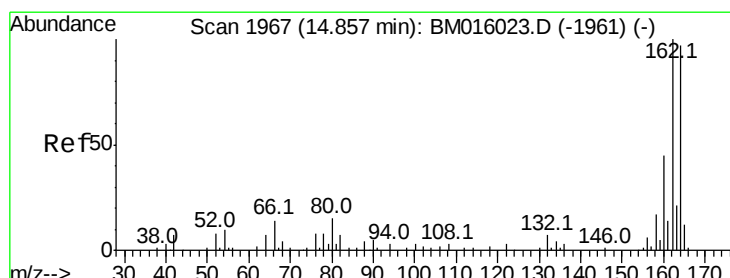
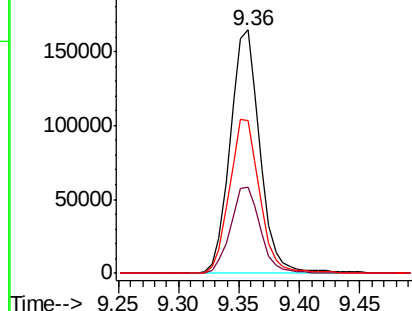
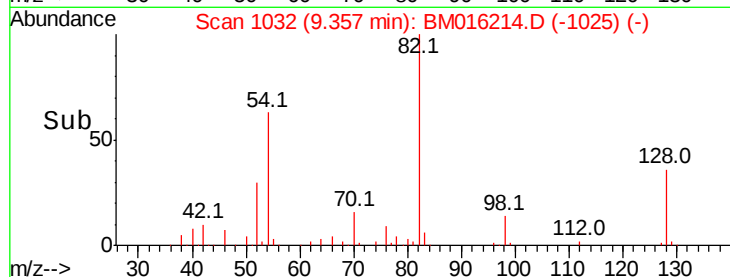
54 62.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1035) (-)

Ion 128.00 (127.70 to 128.70): BM016023.D (-1035) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1035) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BM016214.D

Acq: 07 Aug 2018 05:38

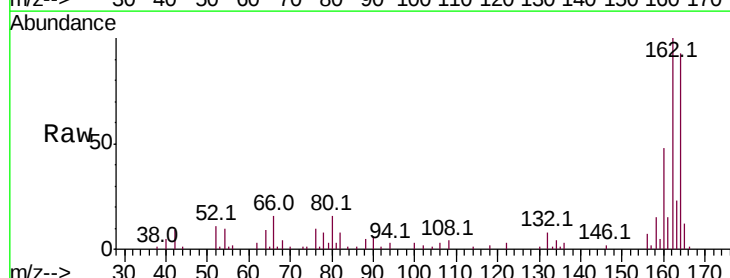
Tgt Ion:164 Resp: 62382

Ion Ratio Lower Upper

164 100

162 107.0 82.4 123.6

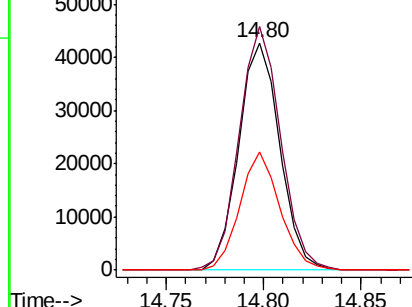
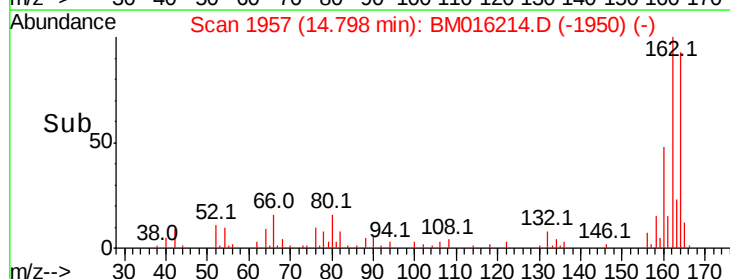
160 51.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016023.D (-1961) (-)

Ion 162.00 (161.70 to 162.70): BM016023.D (-1961) (-)

Ion 160.00 (159.70 to 160.70): BM016023.D (-1961) (-)

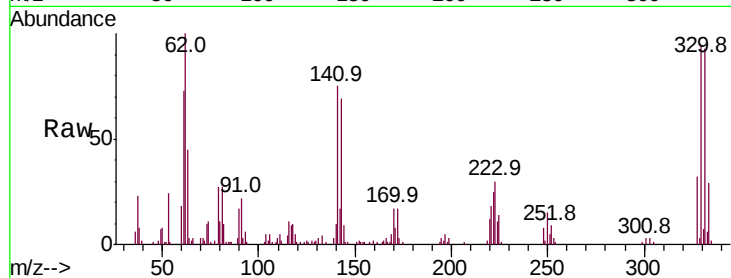




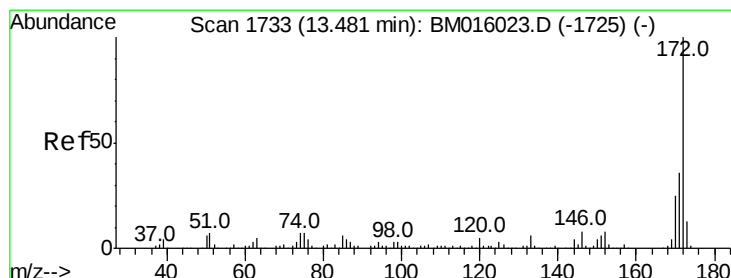
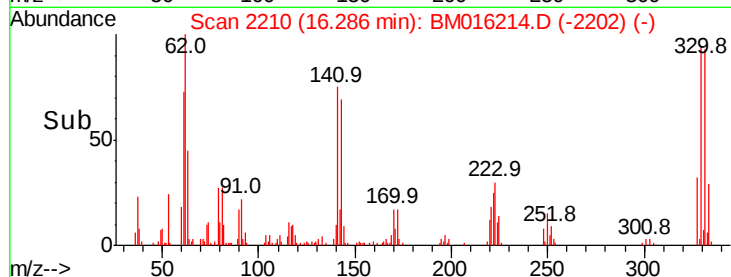
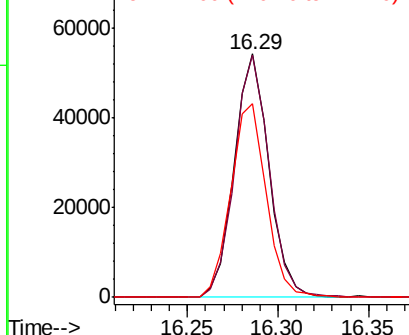
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016214.D
 Acq: 07 Aug 2018 05:38

Instrument :
 BNA_M
 ClientSampleId :
 073118-TIPC-E-U-M

Tot Ion:330 Resp: 72061
 Ion Ratio Lower Upper
 330 100
 332 99.7 0.0 0.0#
 141 81.8 0.0 0.0#

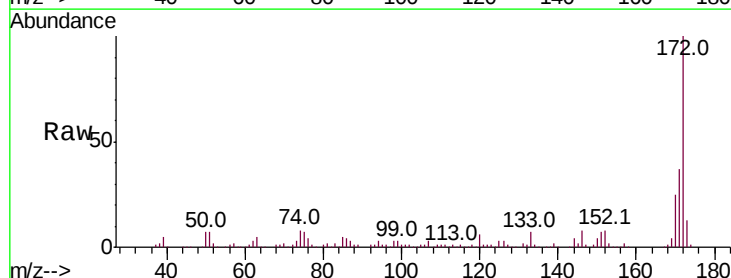


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

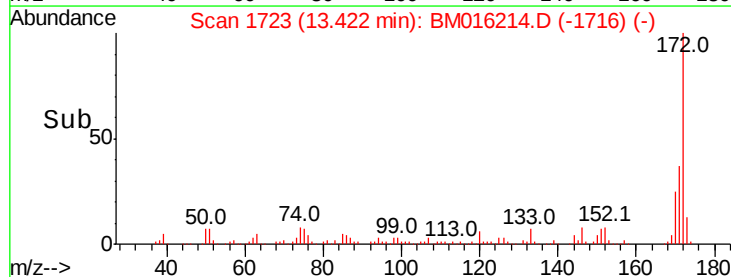
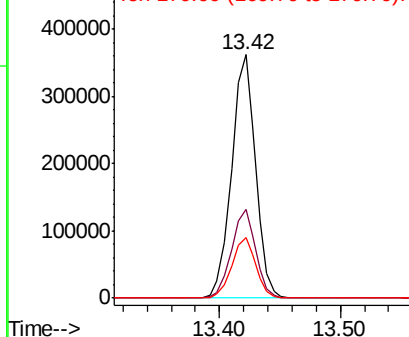


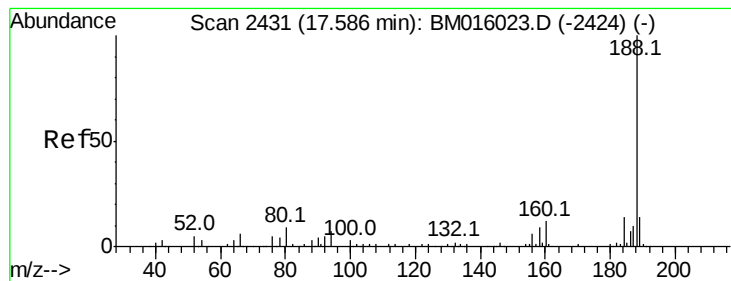
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016214.D
 Acq: 07 Aug 2018 05:38

Tgt Ion:172 Resp: 499443
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 25.0 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: BM016214.D

Acq: 07 Aug 2018 05:38

Instrument :

BNA_M

ClientSampleId :

073118-TIPC-E-U-M

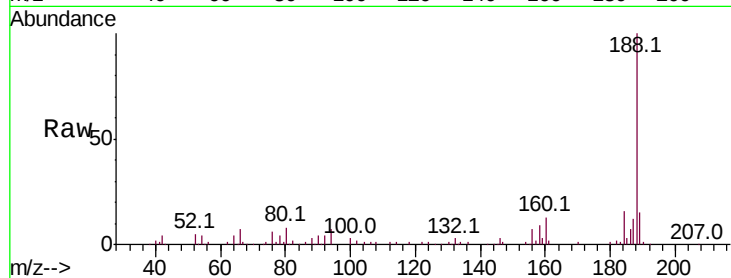
Tot Ion:188 Resp: 130750

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

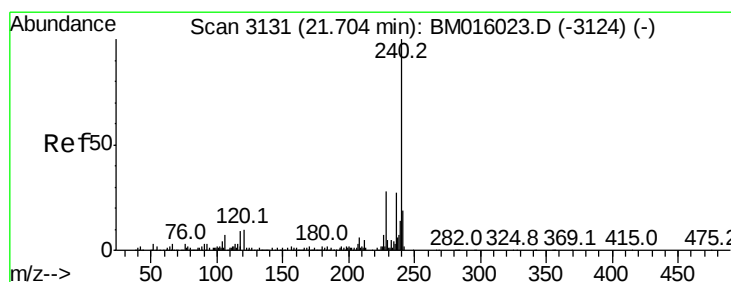
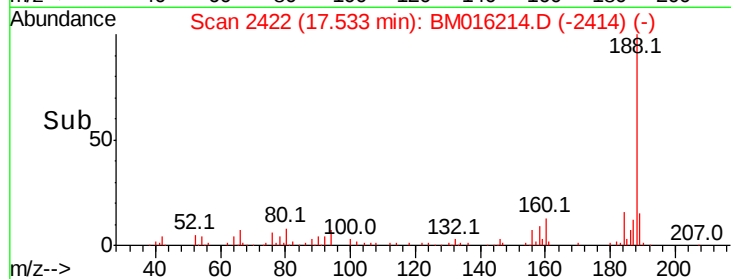
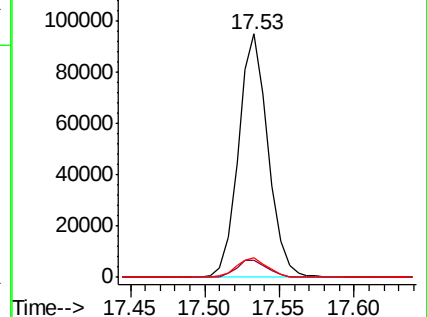
80 8.3 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3123

Delta R.T. -0.05 min

Lab File: BM016214.D

Acq: 07 Aug 2018 05:38

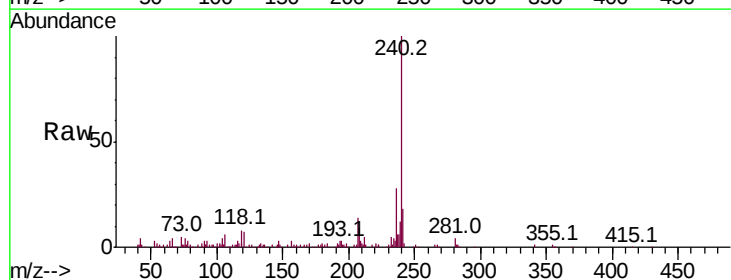
Tgt Ion:240 Resp: 145016

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

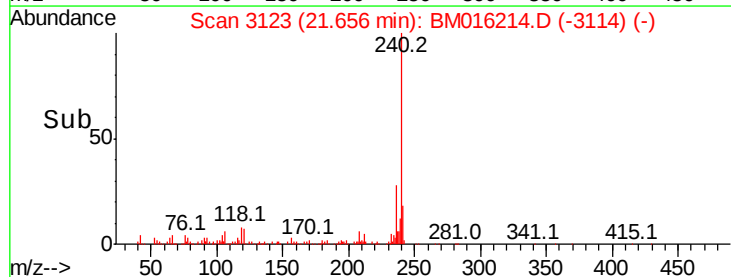
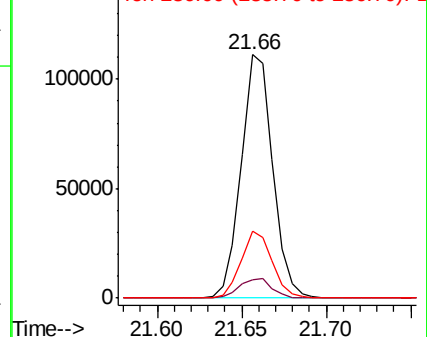
236 27.5 20.0 30.0

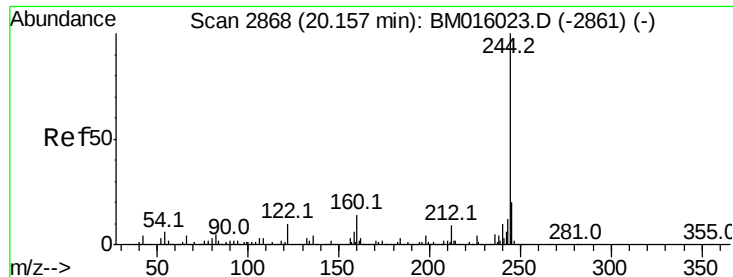


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

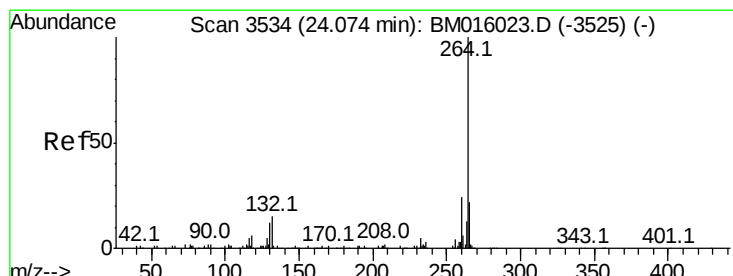
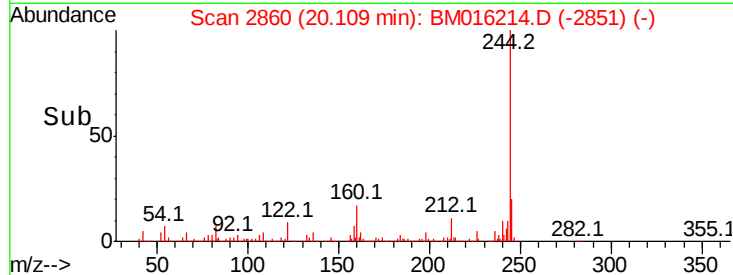
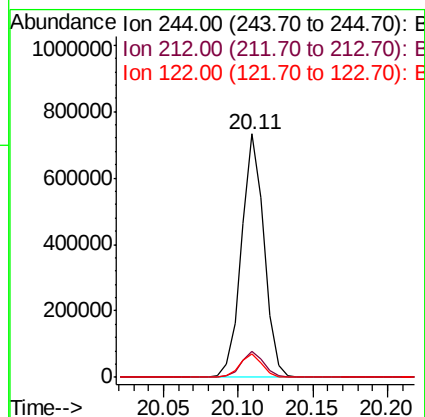
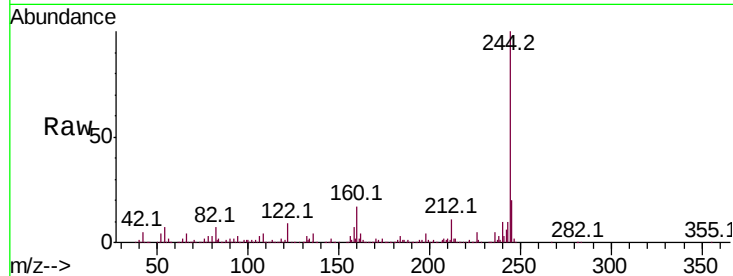




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.05 min
 Lab File: BM016214.D
 Acq: 07 Aug 2018 05:38

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
244	100		
212	10.7	4.9	7.3#
122	9.5	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: BM016214.D
 Acq: 07 Aug 2018 05:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.6	27.8
265	22.9	17.3	25.9

