

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016208.D
 Acq On : 07 Aug 2018 01:25
 Operator : SJ/JU
 Sample : J4330-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 07 05:20:43 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	35100	20.00	ng	-0.06
21) Naphthalene-d8	10.99	136	136015	20.00	ng	-0.07
38) Acenaphthene-d10	14.80	164	70560	20.00	ng	-0.06
63) Phenanthrene-d10	17.53	188	152007	20.00	ng	-0.05
75) Chrysene-d12	21.66	240	163346	20.00	ng	-0.04
86) Perylene-d12	24.02	264	172076	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	87337	41.33	ng	-0.05
7) Phenol-d6	7.33	99	65238	23.64	ng	-0.05
23) Nitrobenzene-d5	9.36	82	298215	101.98	ng	-0.06
41) 2,4,6-Tribromophenol	16.29	330	73434	82.06	ng	-0.05
44) 2-Fluorobiphenyl	13.42	172	526340	90.76	ng	-0.06
78) Terphenyl-d14	20.11	244	789186	101.13	ng	-0.05

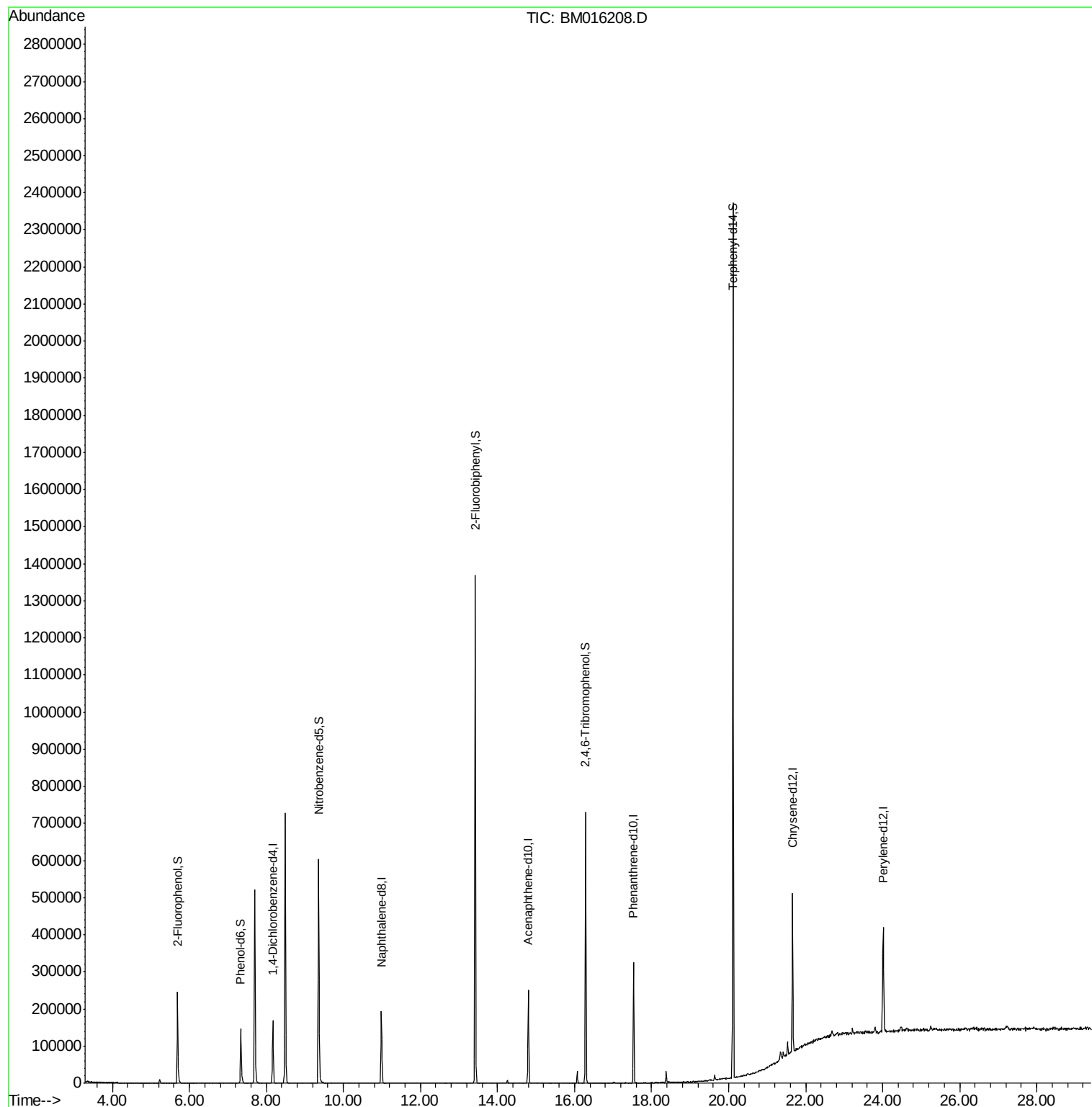
Target Compounds	Qvalue
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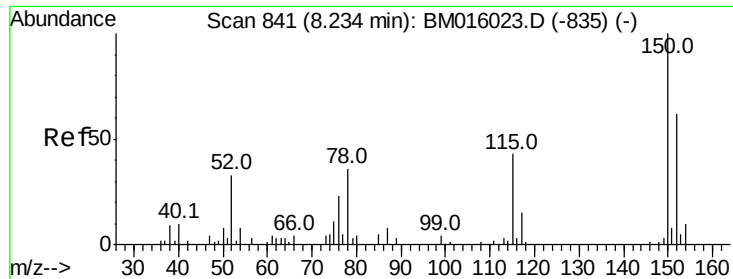
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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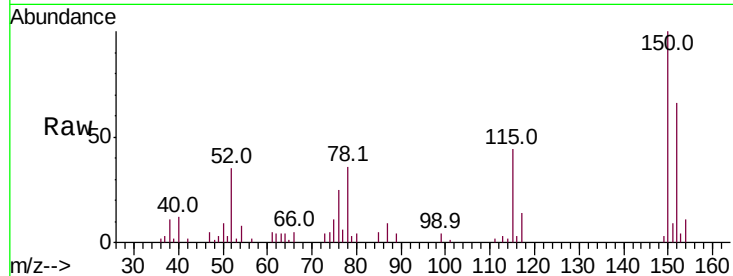


#1

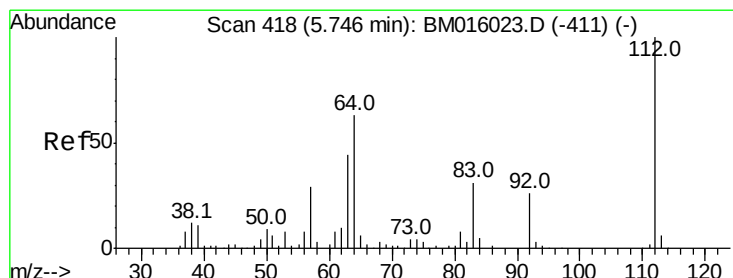
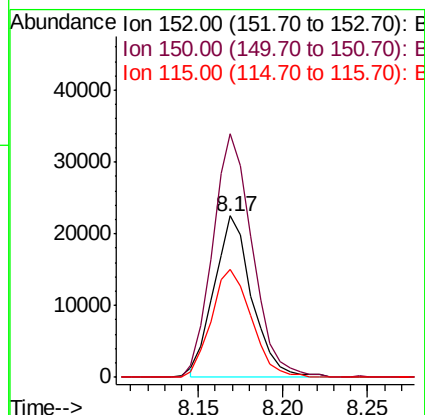
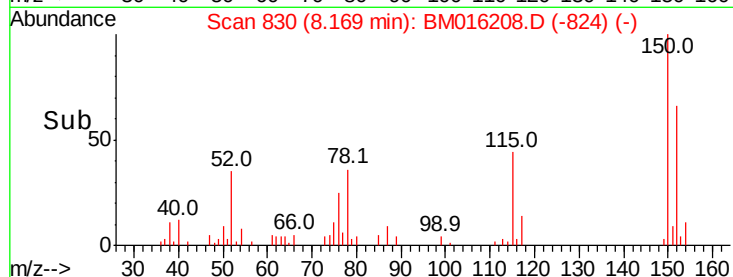
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.06 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

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

Tot Ion:152 Resp: 35100
 Ion Ratio Lower Upper
 152 100
 150 150.9 119.5 179.3
 115 66.8 43.0 64.4#



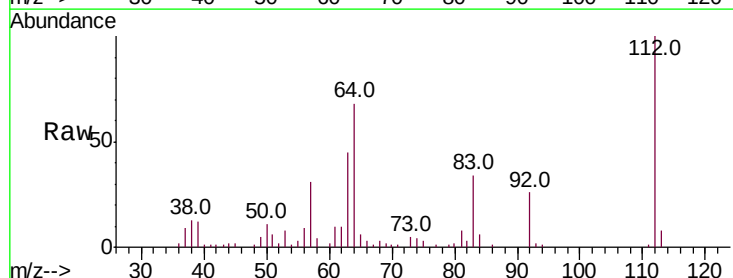
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



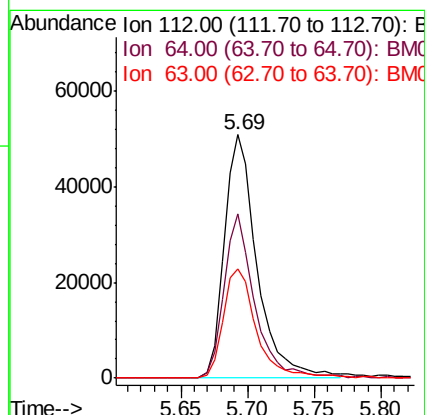
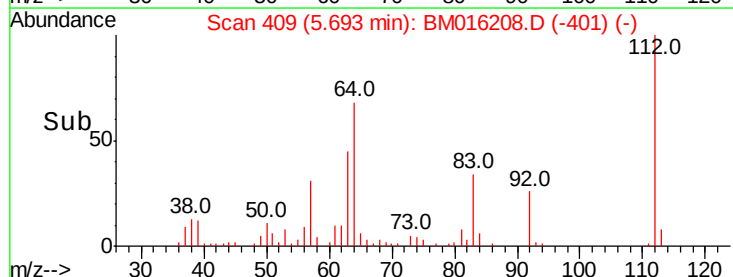
#5

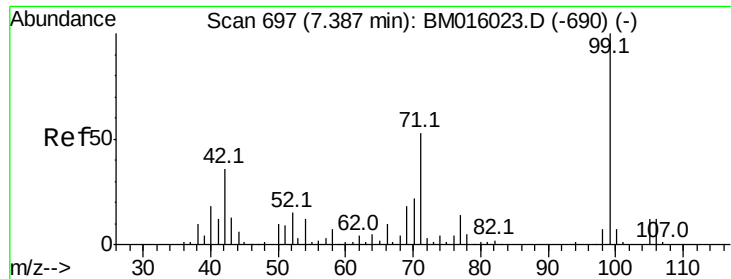
2-Fluorophenol
 Concen: N.D. ng
 RT: 5.69 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

Tgt Ion:112 Resp: 87337
 Ion Ratio Lower Upper
 112 100
 64 67.7 38.6 57.8#
 63 44.9 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: BM016208.D

Acq: 07 Aug 2018 01:25

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-D-S

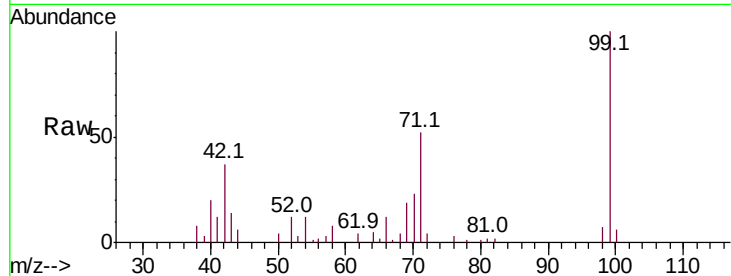
Tot Ion: 99 Resp: 65238

Ion Ratio Lower Upper

99 100

42 37.0 11.0 16.4#

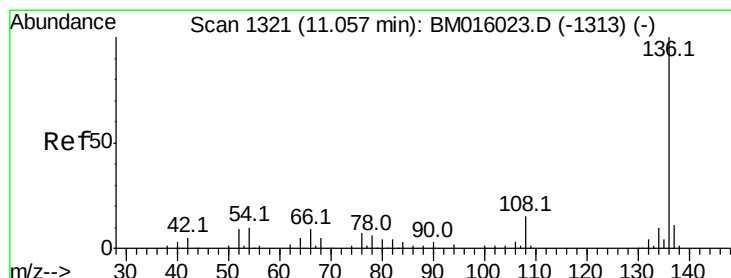
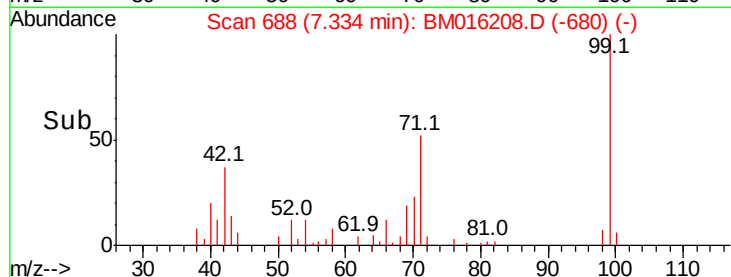
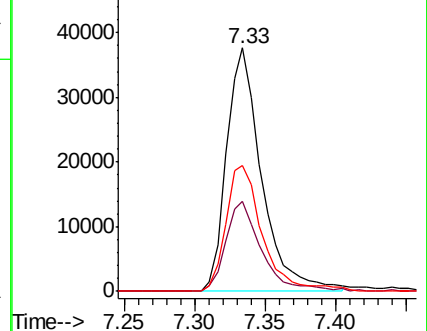
71 51.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016208.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016208.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016208.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1309

Delta R.T. -0.07 min

Lab File: BM016208.D

Acq: 07 Aug 2018 01:25

Tgt Ion: 136 Resp: 136015

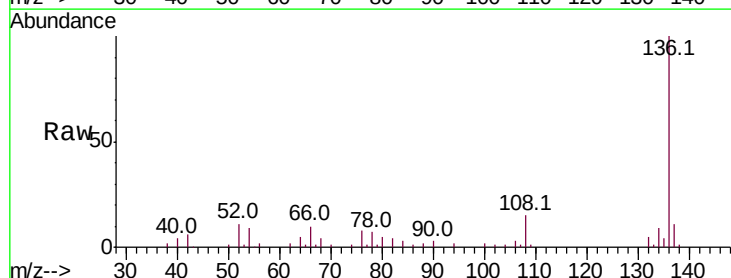
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.8 4.6 6.8#

68 4.4 3.7 5.5

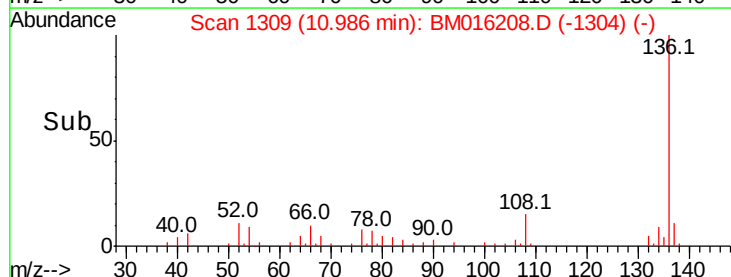
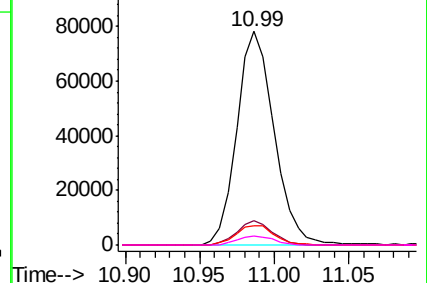


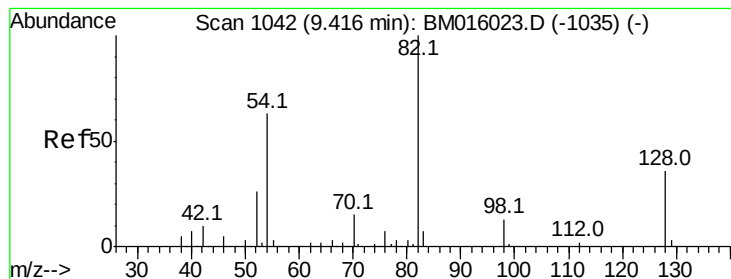
Abundance Ion 136.00 (135.70 to 136.70): BM016208.D (-1304) (-)

Ion 137.00 (136.70 to 137.70): BM016208.D (-1304) (-)

Ion 54.00 (53.70 to 54.70): BM016208.D (-1304) (-)

Ion 68.00 (67.70 to 68.70): BM016208.D (-1304) (-)





#23

Nitrobenzene-d5

Concen: N.D. ng

RT: 9.36 min Scan# 1032

Delta R.T. -0.06 min

Lab File: BM016208.D

Acq: 07 Aug 2018 01:25

Instrument :

BNA_M

ClientSampleId :

073018-TIPC-F-D-S

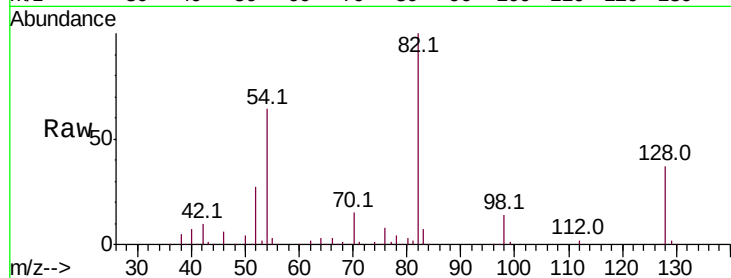
Tot Ion: 82 Resp: 298215

Ion Ratio Lower Upper

82 100

128 36.6 32.8 49.2

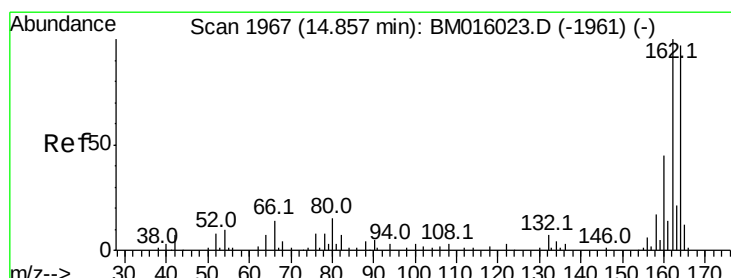
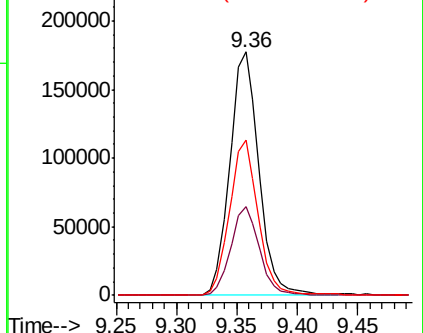
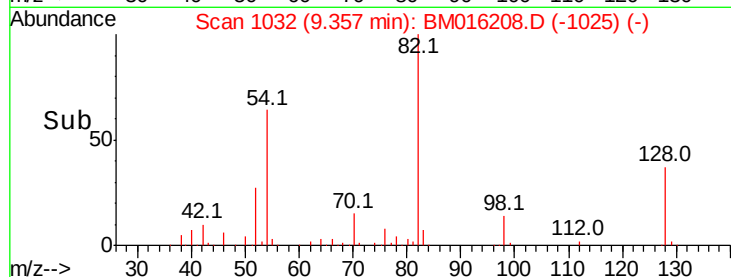
54 63.9 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016208.D (-1950) (-)

Ion 128.00 (127.70 to 128.70): BM016208.D (-1950) (-)

Ion 54.00 (53.70 to 54.70): BM016208.D (-1950) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1957

Delta R.T. -0.06 min

Lab File: BM016208.D

Acq: 07 Aug 2018 01:25

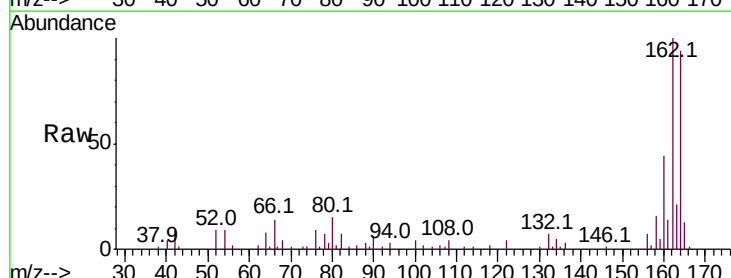
Tgt Ion: 164 Resp: 70560

Ion Ratio Lower Upper

164 100

162 106.3 82.4 123.6

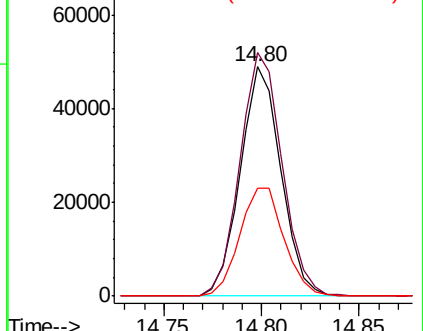
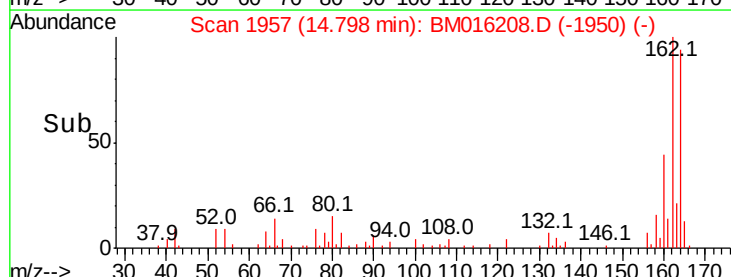
160 46.9 35.8 53.6

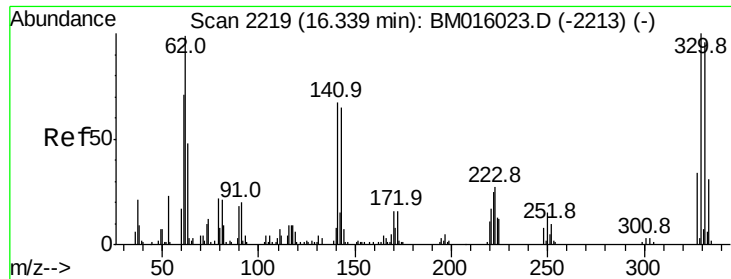


Abundance Ion 164.00 (163.70 to 164.70): BM016208.D (-1950) (-)

Ion 162.00 (161.70 to 162.70): BM016208.D (-1950) (-)

Ion 160.00 (159.70 to 160.70): BM016208.D (-1950) (-)

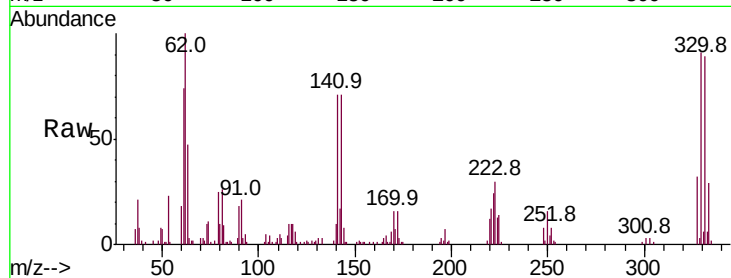




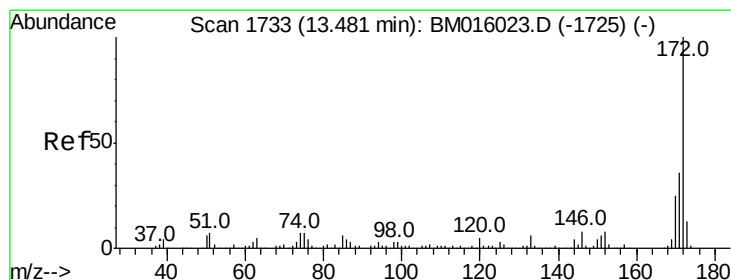
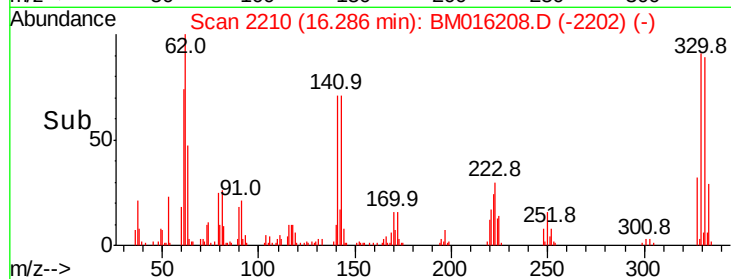
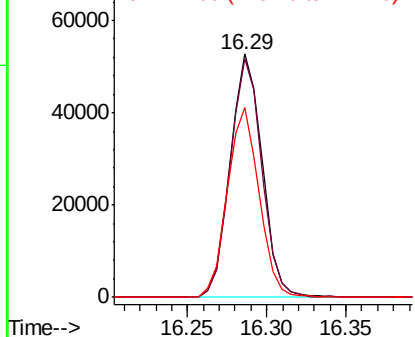
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.29 min Scan# 2210
 Delta R.T. -0.05 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

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

Tot Ion:330 Resp: 73434
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 77.5 0.0 0.0#

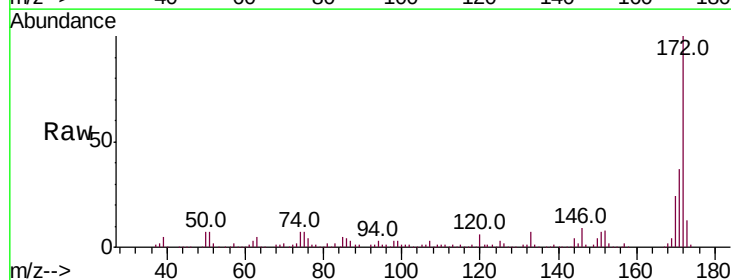


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

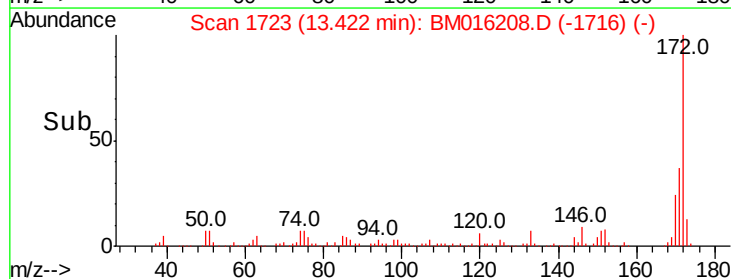
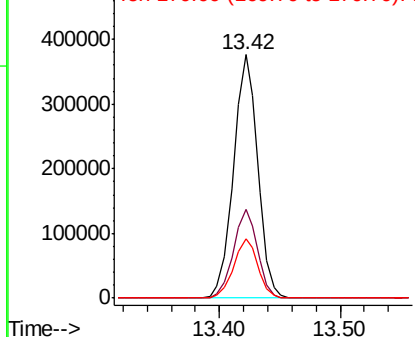


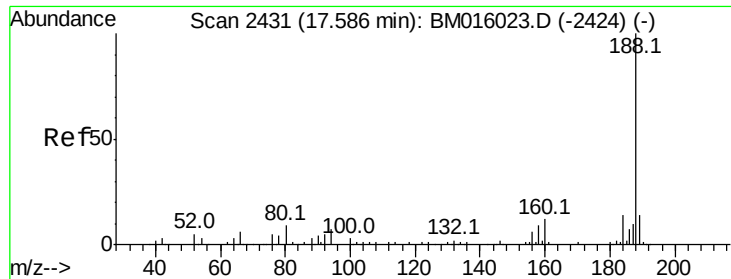
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.42 min Scan# 1723
 Delta R.T. -0.06 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

Tgt Ion:172 Resp: 526340
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 24.5 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

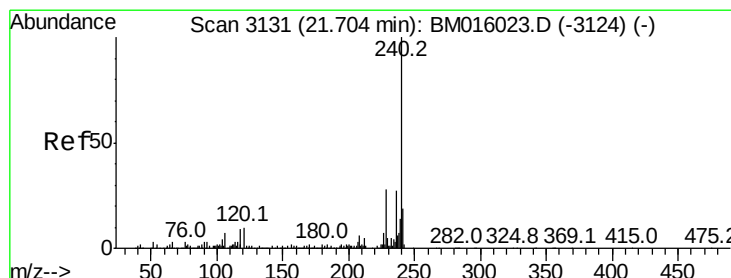
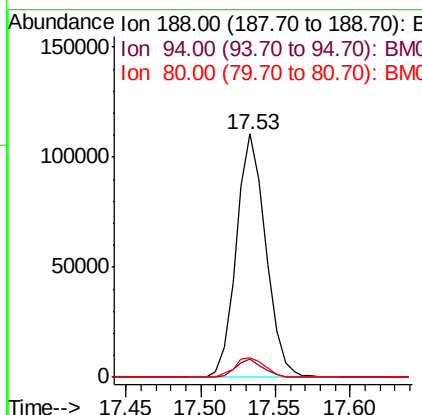
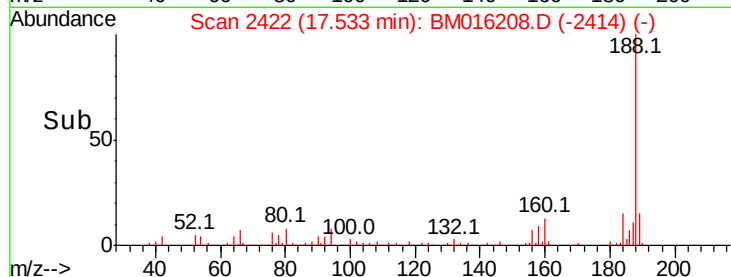
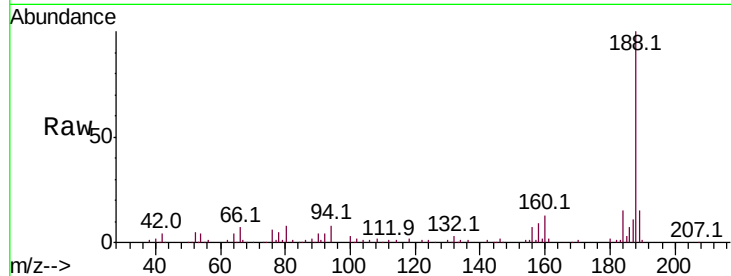




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2422
Delta R.T. -0.05 min
Lab File: BM016208.D
Acq: 07 Aug 2018 01:25

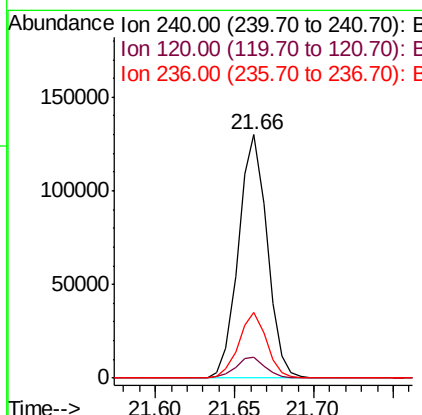
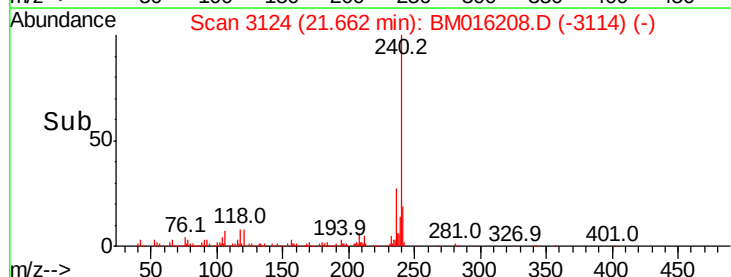
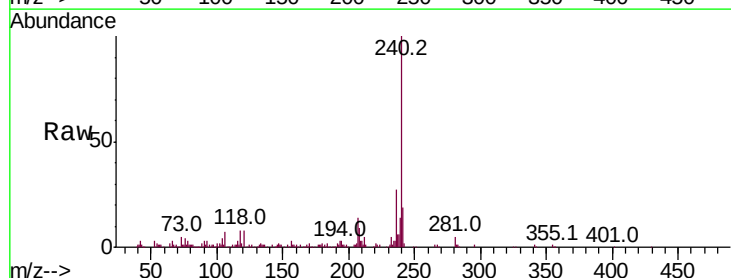
Instrument :
BNA_M
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073018-TIPC-F-D-S

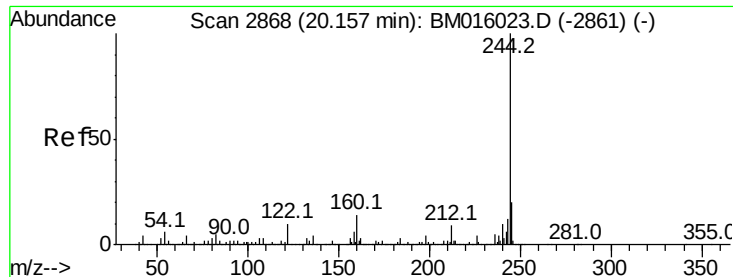
Tot Ion:188 Resp: 152007
Ion Ratio Lower Upper
188 100
94 7.7 8.7 13.1#
80 8.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3124
Delta R.T. -0.04 min
Lab File: BM016208.D
Acq: 07 Aug 2018 01:25

Tgt Ion:240 Resp: 163346
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 26.8 20.0 30.0

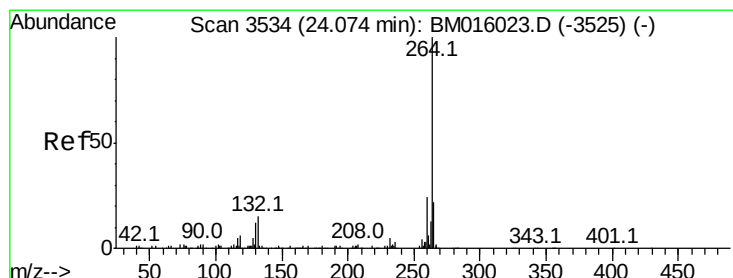
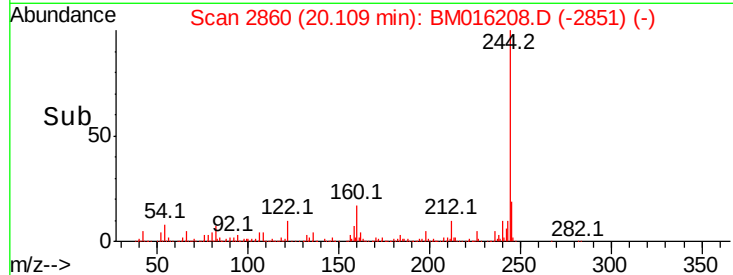
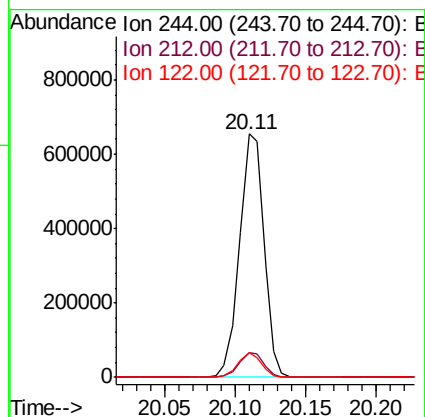
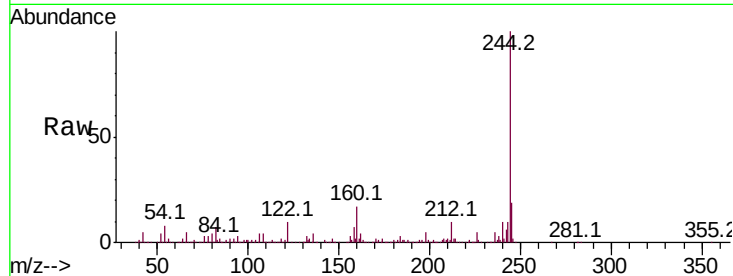




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.11 min Scan# 2860
 Delta R.T. -0.05 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.2	4.9	7.3#
122	10.0	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.02 min Scan# 3524
 Delta R.T. -0.06 min
 Lab File: BM016208.D
 Acq: 07 Aug 2018 01:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	18.6	27.8
265	23.3	17.3	25.9

