

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016265.D
 Acq On : 09 Aug 2018 02:14
 Operator : SJ/JU
 Sample : J4247-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 05:21:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

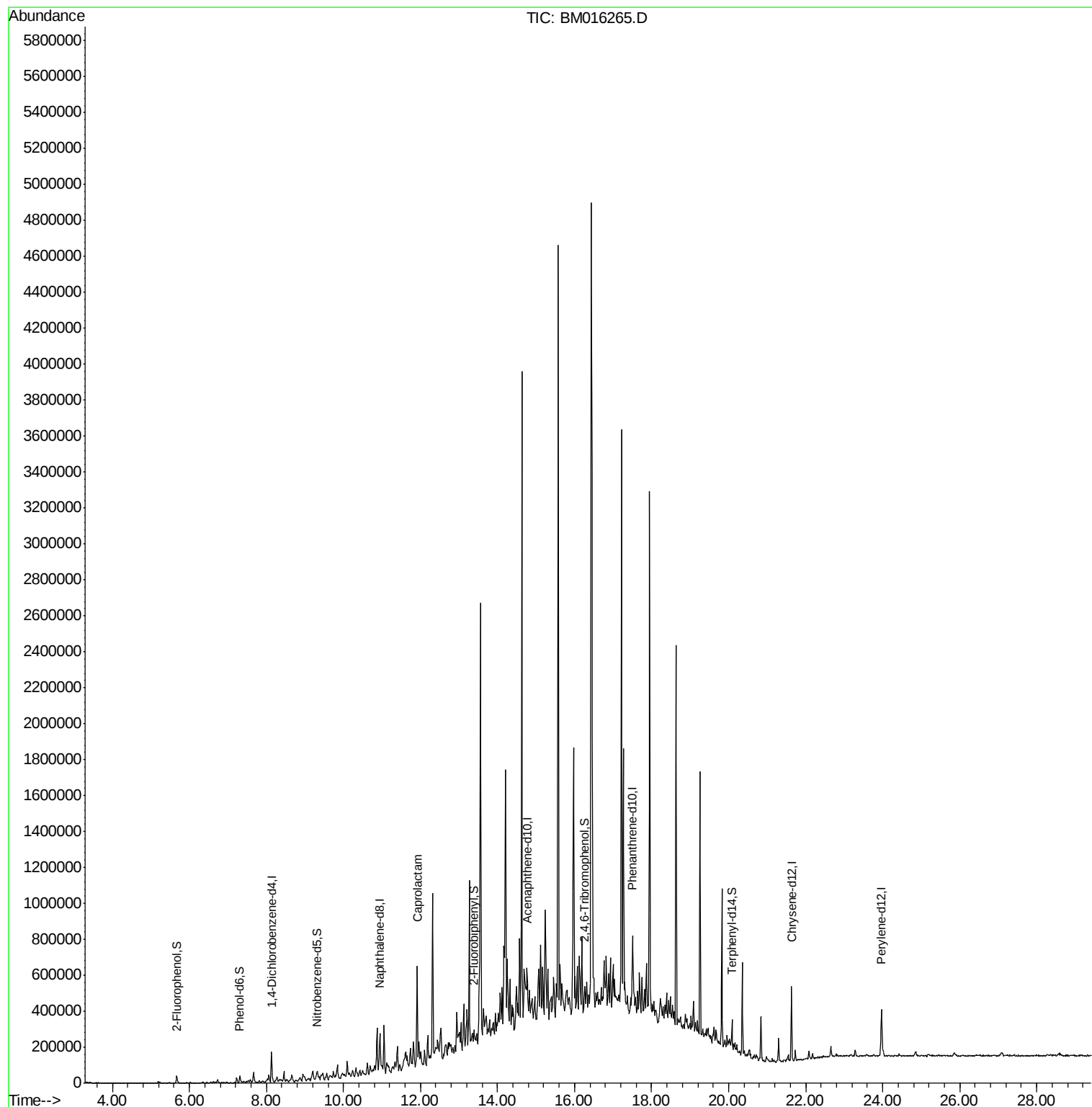
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	35237	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	138260	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	71517	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	149338	20.00	ng	0.00
75) Chrysene-d12	21.63	240	149982	20.00	ng	0.00
86) Perylene-d12	23.97	264	165590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	17778	8.38	ng	0.00
7) Phenol-d6	7.31	99	21065	7.60	ng	0.00
23) Nitrobenzene-d5	9.33	82	15322	5.15	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	6514	7.18	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	35165	5.98	ng	0.00
78) Terphenyl-d14	20.09	244	45452	6.34	ng	0.00
Target Compounds						
35) Caprolactam	11.92	113	14958	26.117	ng	Qvalue # 1

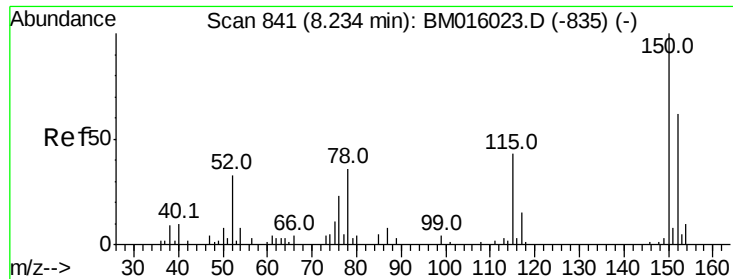
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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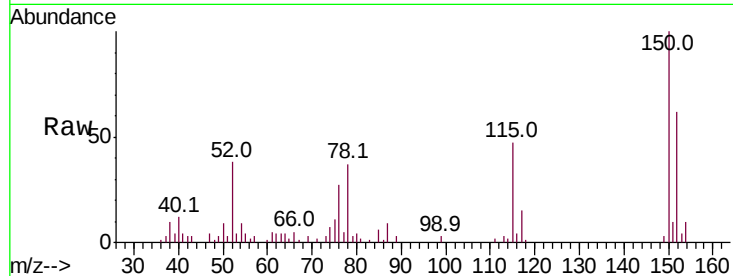


#1

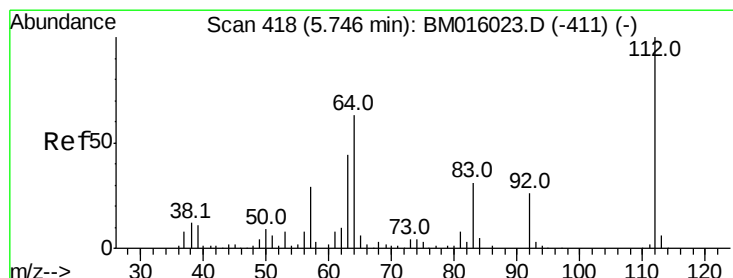
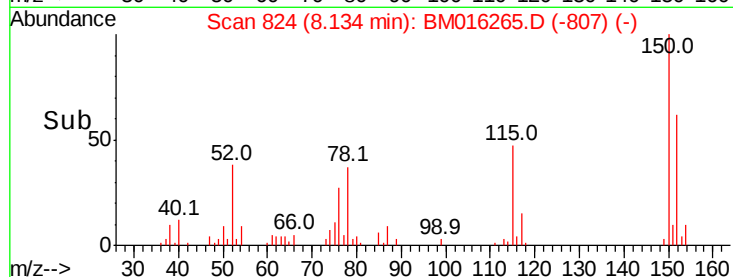
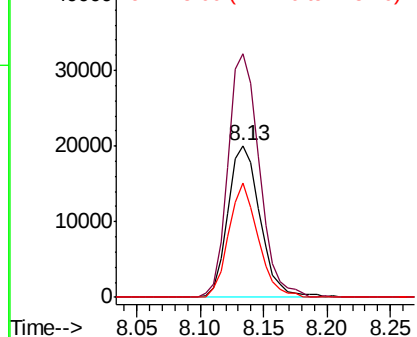
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 35237
Ion Ratio Lower Upper
152 100
150 160.3 119.5 179.3
115 75.2 43.0 64.4#



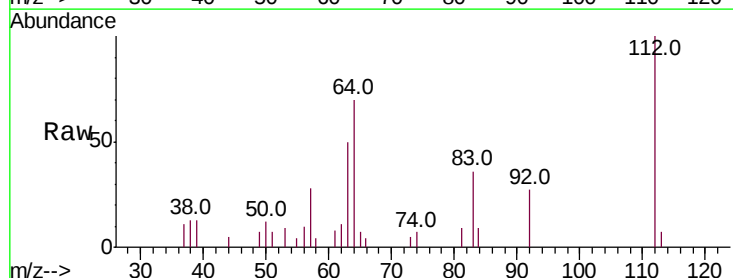
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



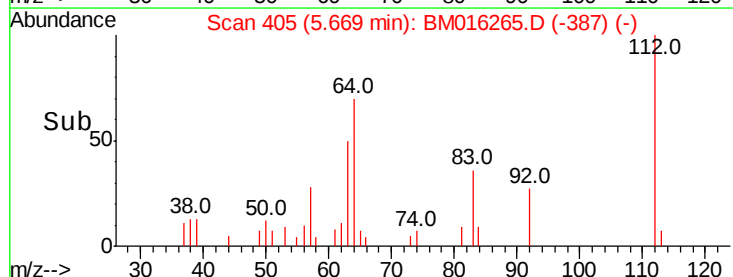
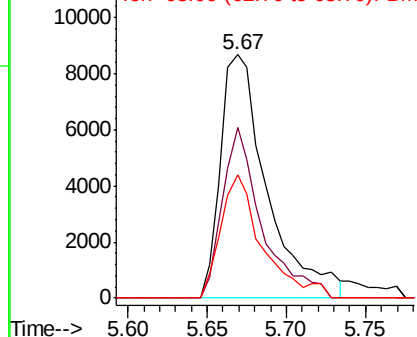
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.67 min Scan# 405
Delta R.T. 0.01 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:112 Resp: 17778
Ion Ratio Lower Upper
112 100
64 70.0 38.6 57.8#
63 50.5 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: 7.31 min Scan# 684

Delta R.T. 0.01 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

Instrument :

BNA_M

ClientSampleId :

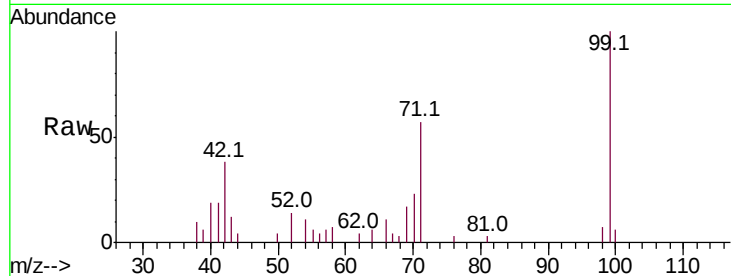
Tot Ion: 99 Resp: 21065

Ion Ratio Lower Upper

99 100

42 38.5 11.0 16.4#

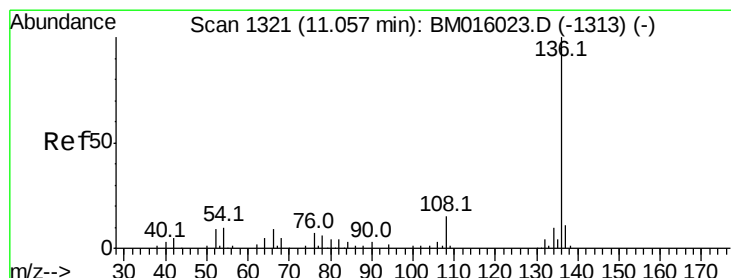
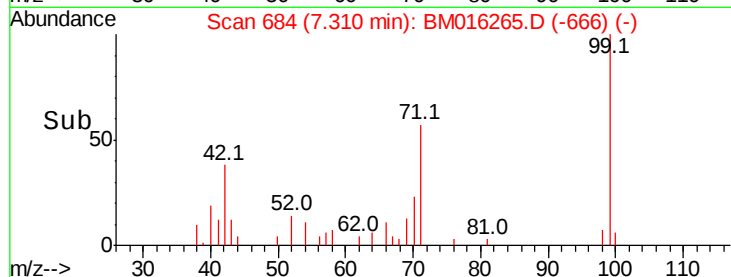
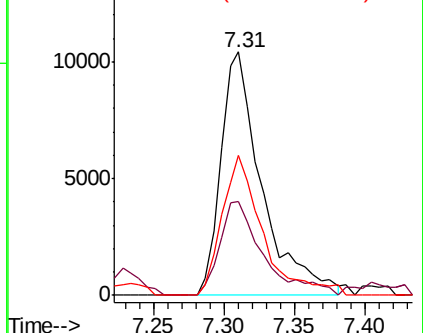
71 57.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

Tgt Ion: 136 Resp: 138260

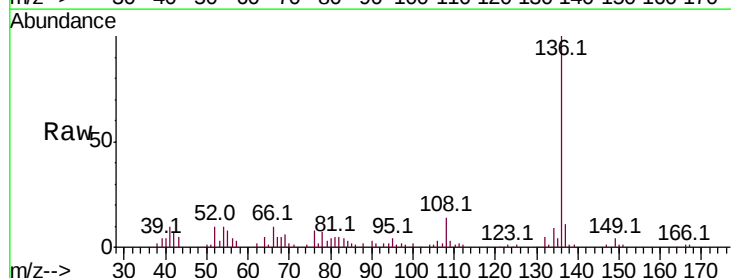
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.7 4.6 6.8#

68 5.0 3.7 5.5

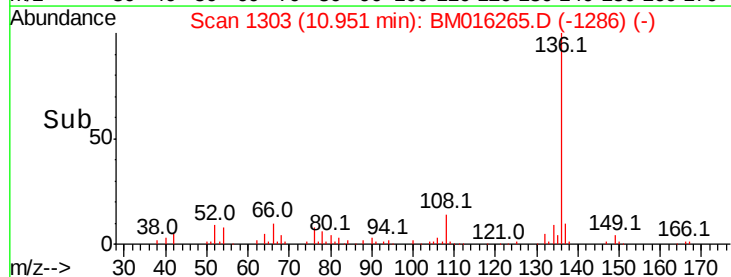
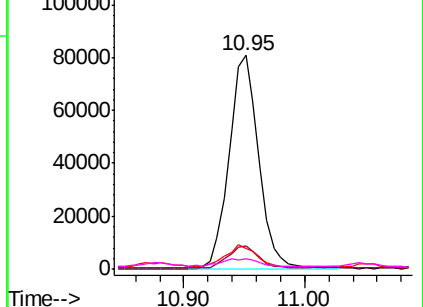


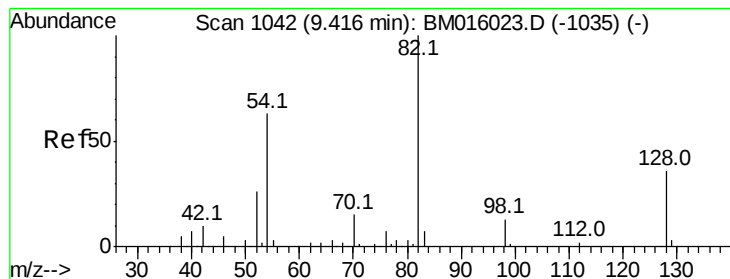
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)





#23

Nitrobenzene-d5

Concen: Below na

RT: 9.33 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :

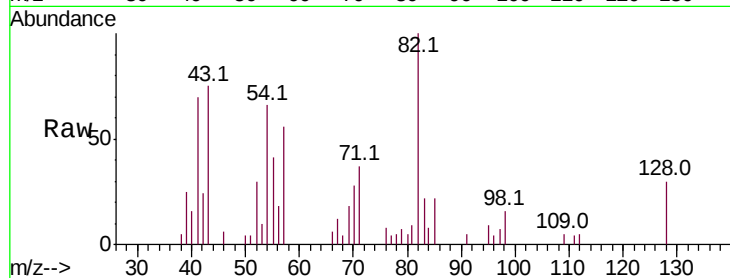
Tot Ion: 82 Resp: 15322

Ion Ratio Lower Upper

82 100

128 30.4 32.8 49.2#

54 65.8 40.6 60.8#

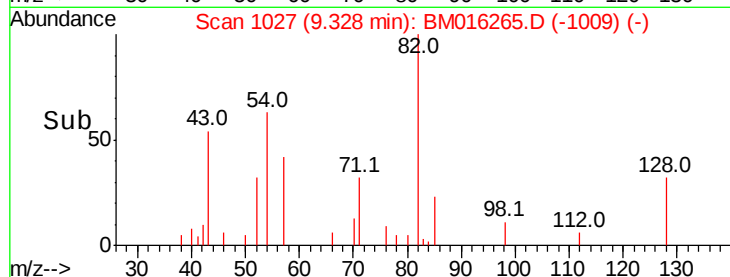


Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1035) (-)

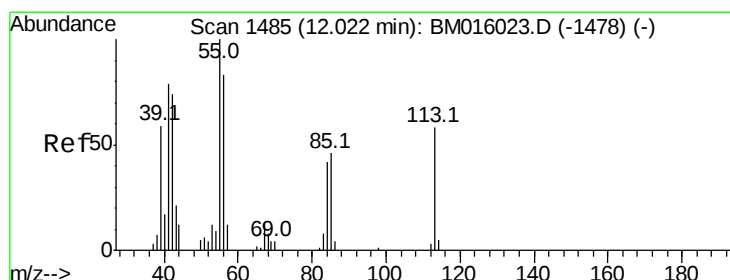
Ion 128.00 (127.70 to 128.70): BM016023.D (-1035) (-)

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

Time-->



Time-->



#35

Caprolactam

Concen: 26.117 ng

RT: 11.92 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

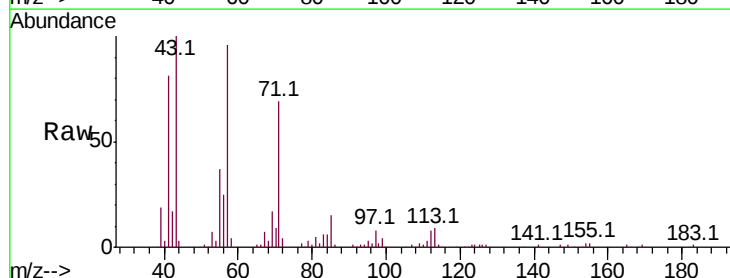
Tgt Ion: 113 Resp: 14958

Ion Ratio Lower Upper

113 100

55 392.5 145.9 185.9#

56 265.6 101.0 141.0#

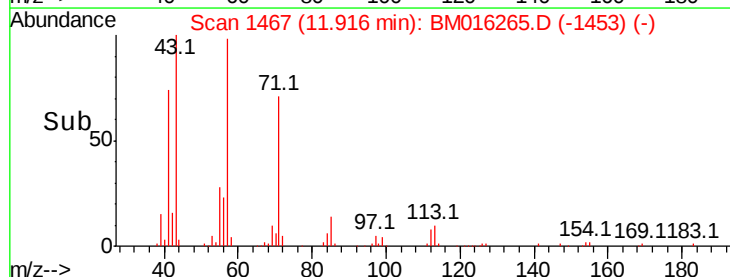


Abundance Ion 113.00 (112.70 to 113.70): BM016023.D (-1478) (-)

Ion 55.00 (54.70 to 55.70): BM016023.D (-1478) (-)

Ion 56.00 (55.70 to 56.70): BM016023.D (-1478) (-)

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

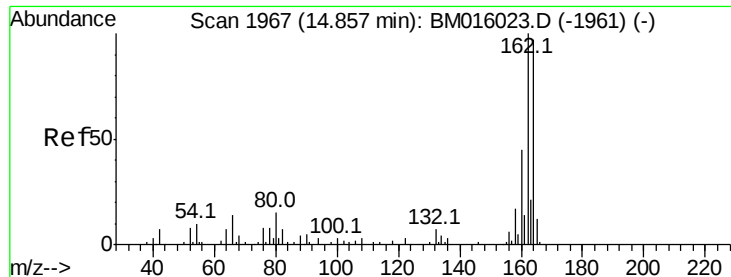
Time-->

Time-->

Time-->

Time-->

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

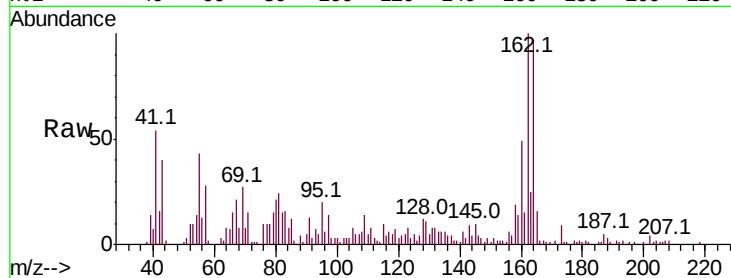
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 71517

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	50.9	35.8	53.6



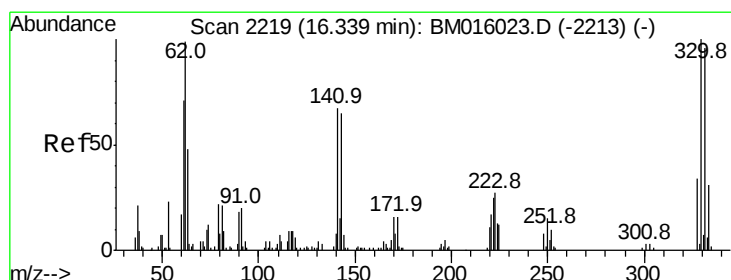
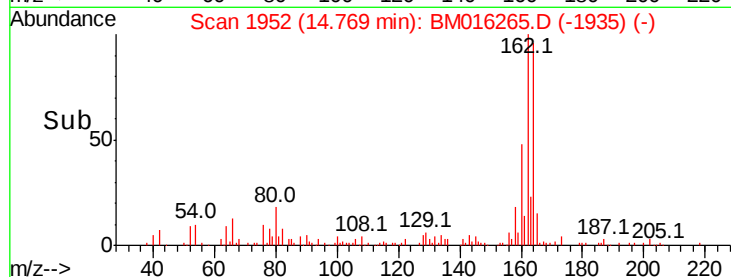
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.26 min Scan# 2206

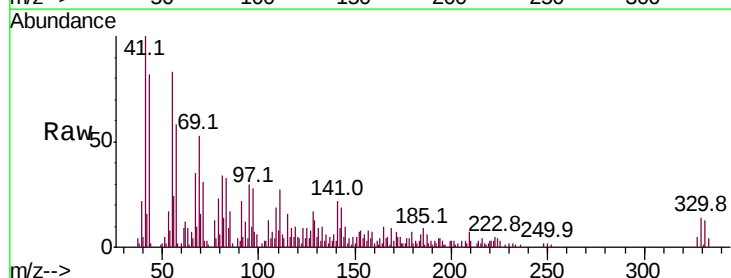
Delta R.T. 0.00 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

Tgt Ion:330 Resp: 6514

Ion	Ratio	Lower	Upper
330	100		
332	98.6	0.0	0.0#
141	98.3	0.0	0.0#



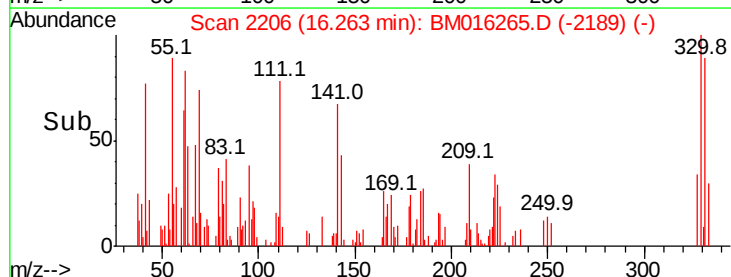
Abundance

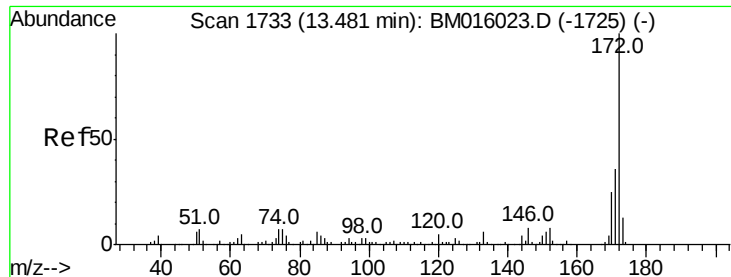
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

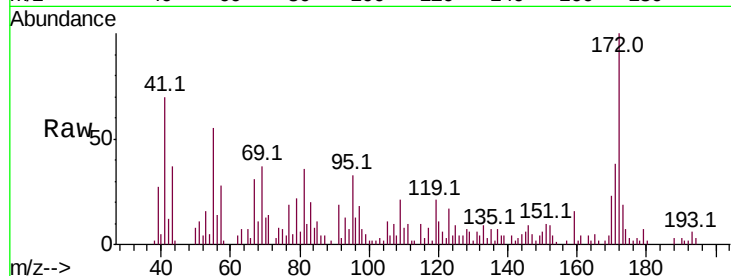




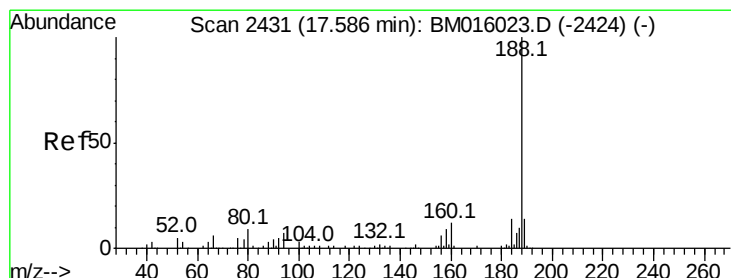
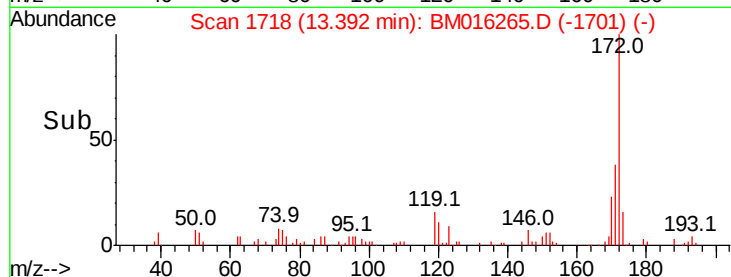
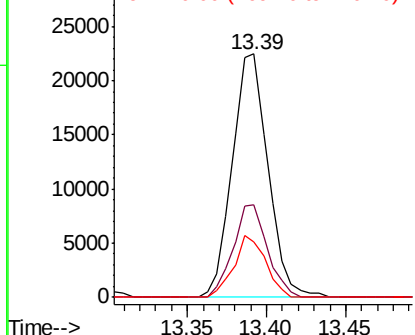
#44
2-Fluorobiphenyl
Concen: Below na
RT: 13.39 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 35165
Ion Ratio Lower Upper
172 100
171 38.2 28.5 42.7
170 22.6 18.8 28.2

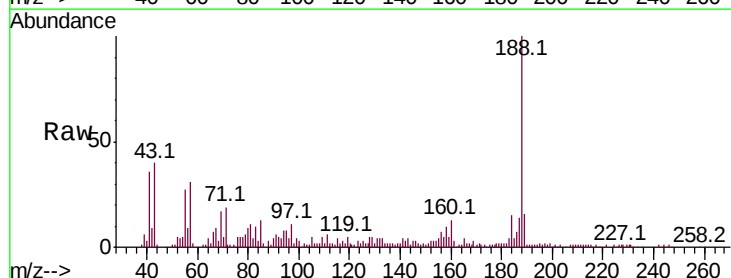


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

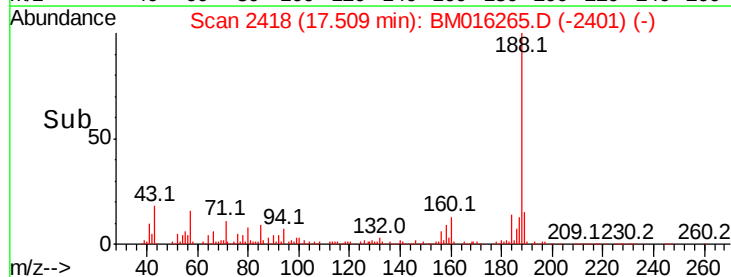
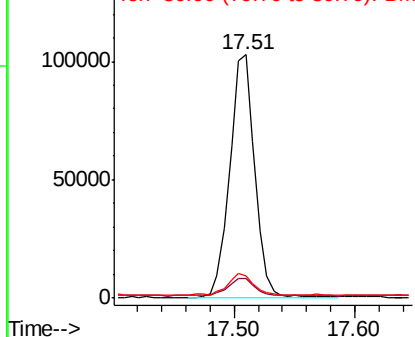


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016265.D
Acq: 09 Aug 2018 02:14

Tgt Ion:188 Resp: 149338
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.9 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: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

Instrument :

BNA_M

ClientSampleId :

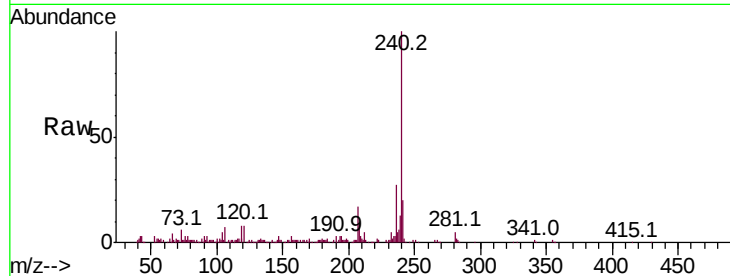
Tot Ion:240 Resp: 149982

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

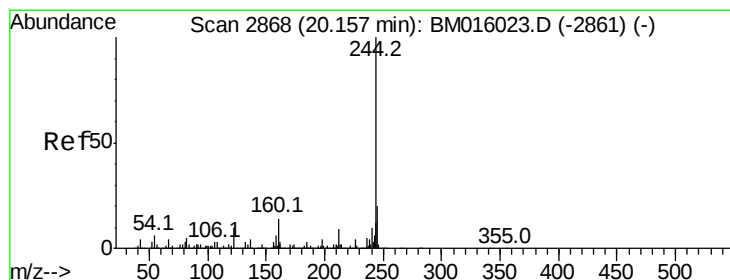
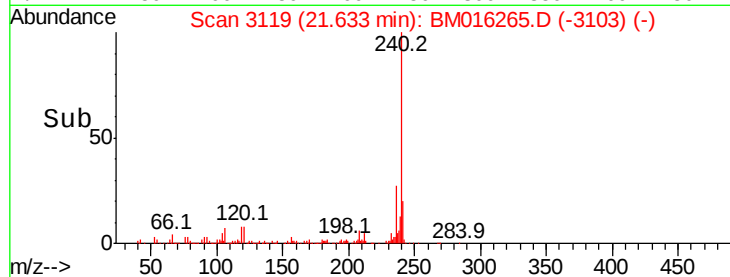
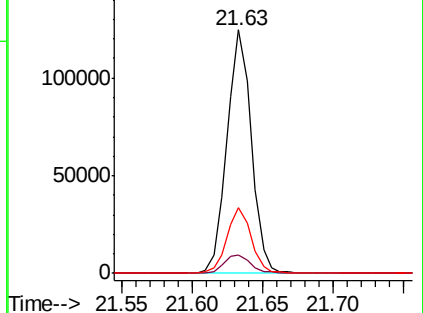
236 27.1 20.0 30.0



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: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016265.D

Acq: 09 Aug 2018 02:14

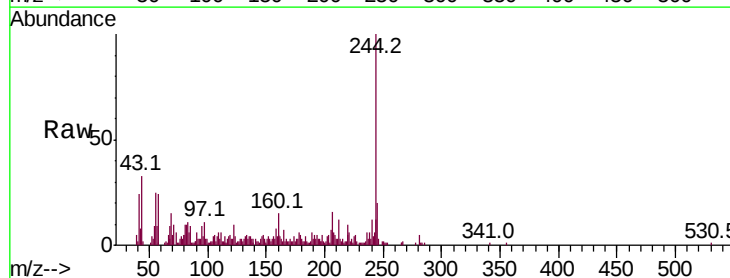
Tgt Ion:244 Resp: 45452

Ion Ratio Lower Upper

244 100

212 11.7 4.9 7.3#

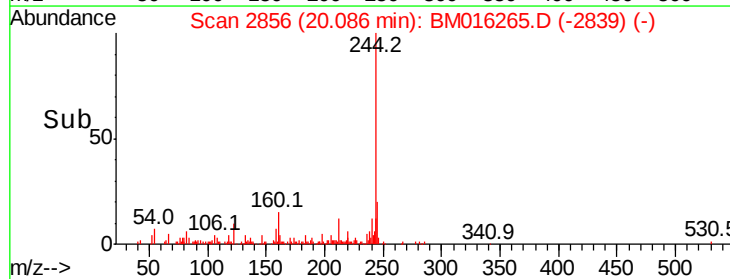
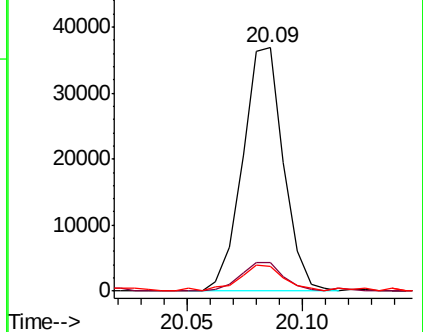
122 10.2 6.2 9.4#

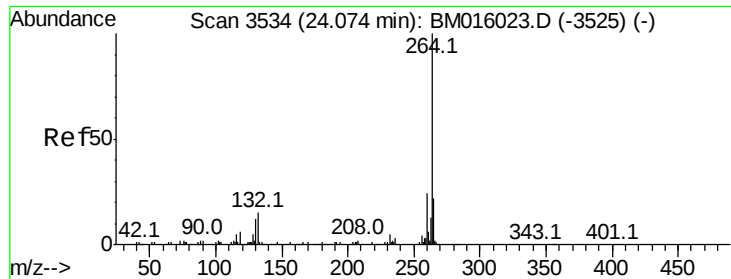


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

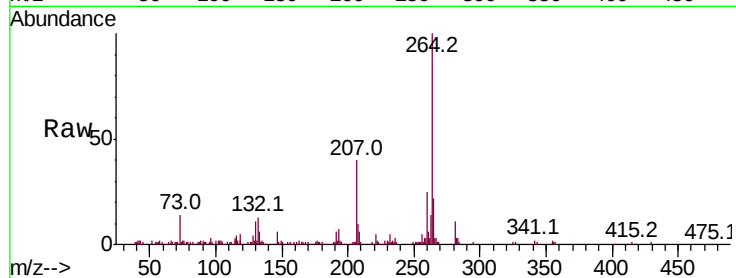




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. 0.00 min
 Lab File: BM016265.D
 Acq: 09 Aug 2018 02:14

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.5	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

