

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081318\
 Data File : BM016335.D
 Acq On : 13 Aug 2018 21:02
 Operator : SJ/JU
 Sample : PB111978TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111978TB

Quant Time: Aug 14 04:53:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 10 18:44:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	24246	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	80492	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	36164	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	69210	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	79692	20.00	ng	-0.02
86) Perylene-d12	23.95	264	99239	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	170968	117.13	ng	-0.01
7) Phenol-d6	7.29	99	189195	99.25	ng	-0.01
23) Nitrobenzene-d5	9.31	82	146529	84.67	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	44428	96.86	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	250794	84.38	ng	-0.02
78) Terphenyl-d14	20.07	244	330067	86.70	ng	-0.02

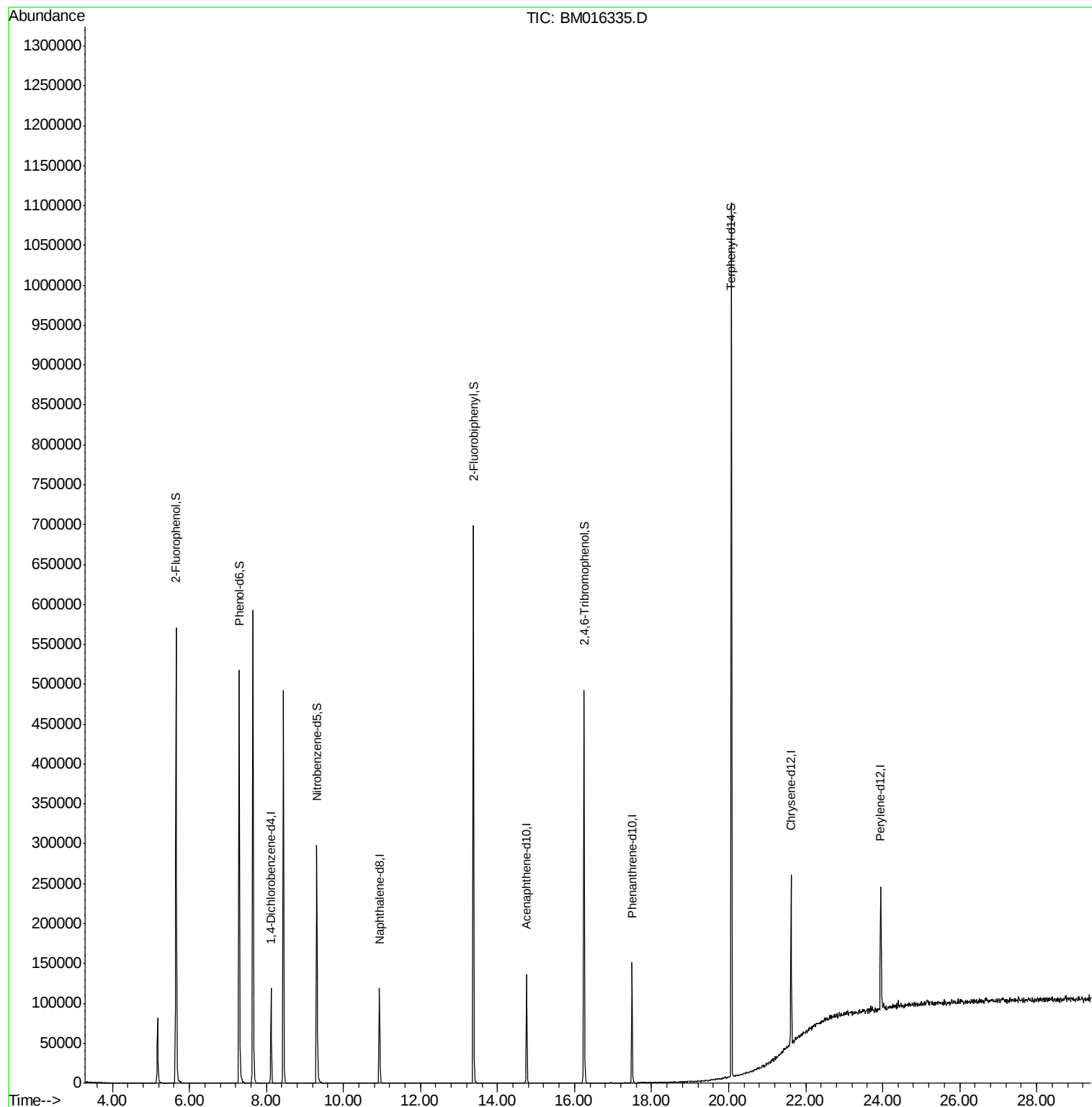
Target Compounds	Qvalue
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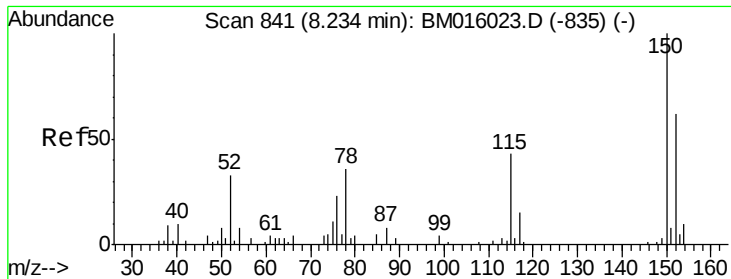
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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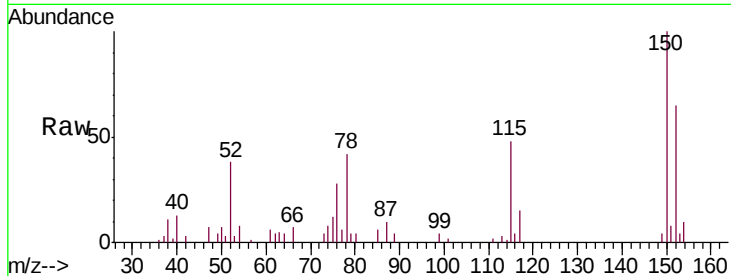


#1

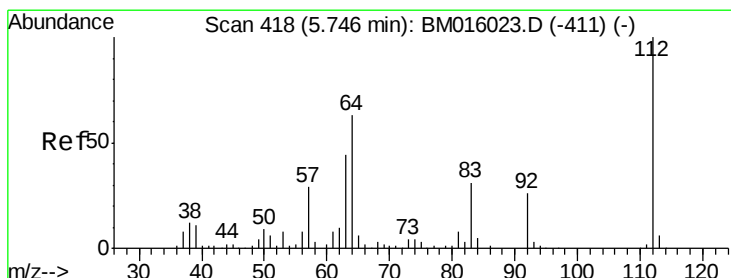
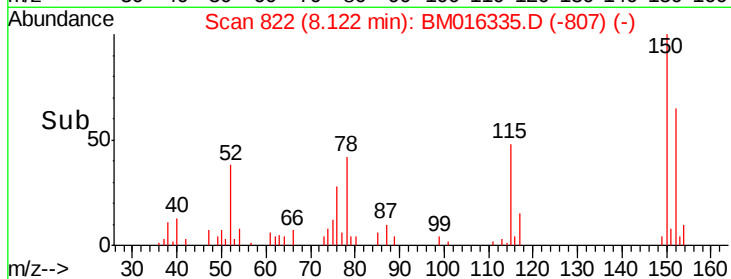
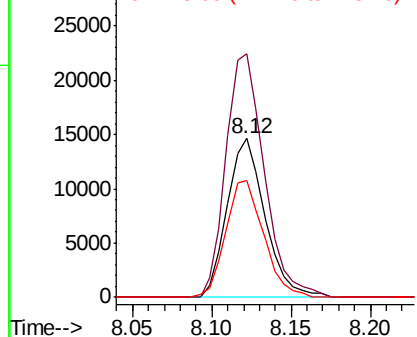
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleId :
PB111978TB

Tgt Ion:152 Resp: 24246
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 73.7 43.0 64.4#



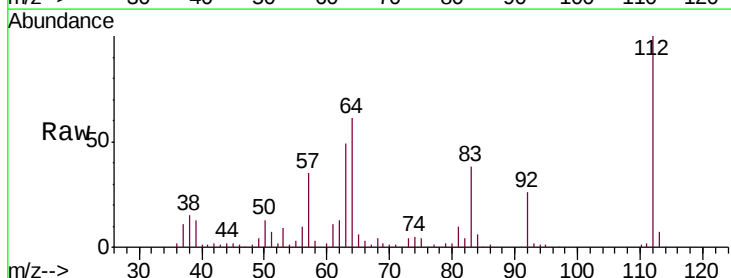
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



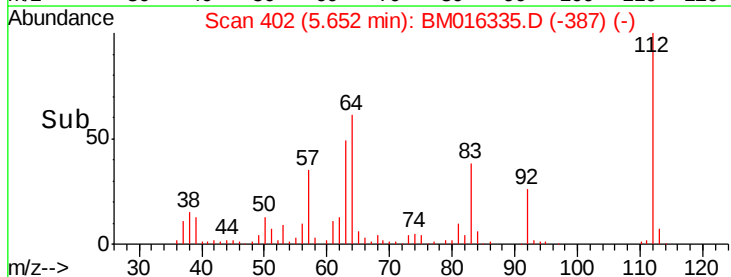
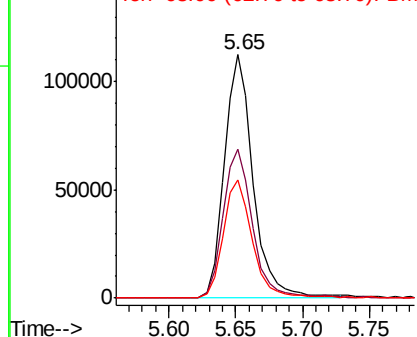
#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.65 min Scan# 402
Delta R.T. -0.01 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

Tgt Ion:112 Resp: 170968
Ion Ratio Lower Upper
112 100
64 61.0 38.6 57.8#
63 48.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM016335.D

Acq: 13 Aug 2018 21:02

Instrument :

BNA_M

ClientSampleId :

PB111978TB

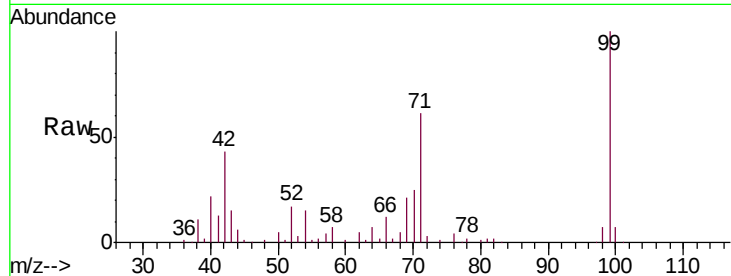
Tgt Ion: 99 Resp: 189195

Ion Ratio Lower Upper

99 100

42 43.1 11.0 16.4#

71 61.4 23.4 35.2#

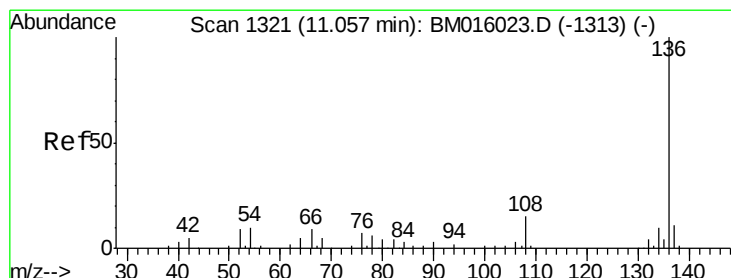
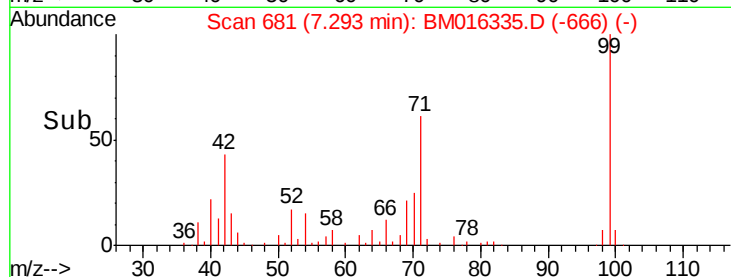
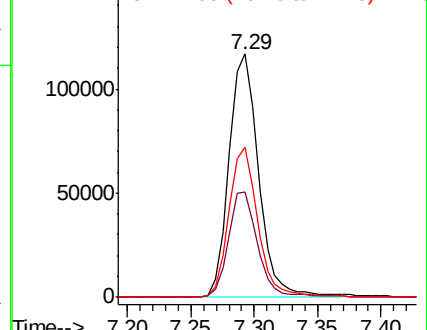


Abundance

Ion 99.00 (98.70 to 99.70): BM016335.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016335.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016335.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM016335.D

Acq: 13 Aug 2018 21:02

Tgt Ion: 136 Resp: 80492

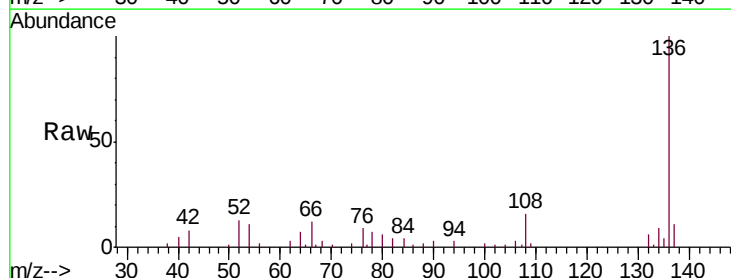
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.9 4.6 6.8#

68 3.3 3.7 5.5#



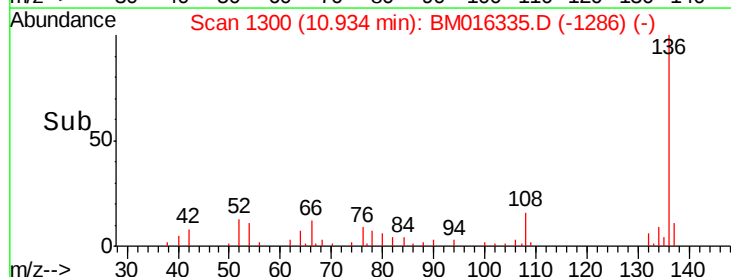
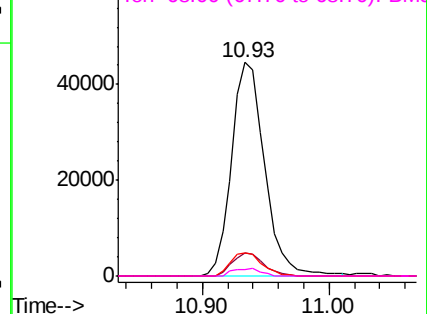
Abundance

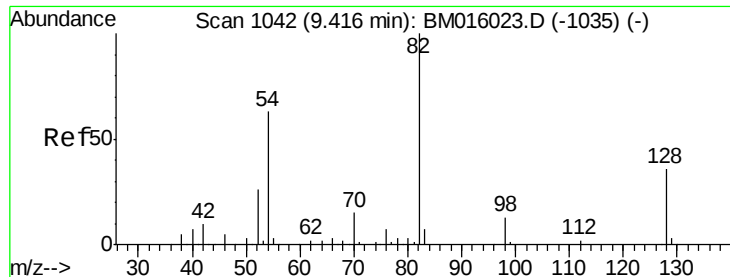
Ion 136.00 (135.70 to 136.70): BM016335.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016335.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016335.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016335.D (-1286) (-)

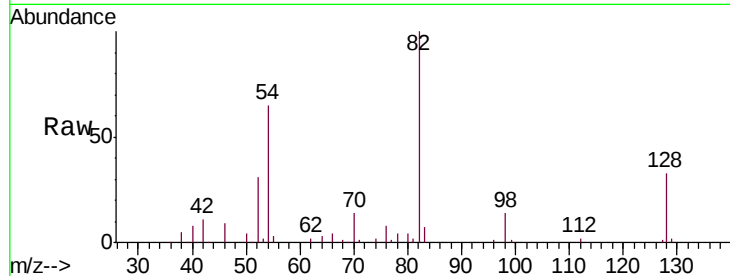




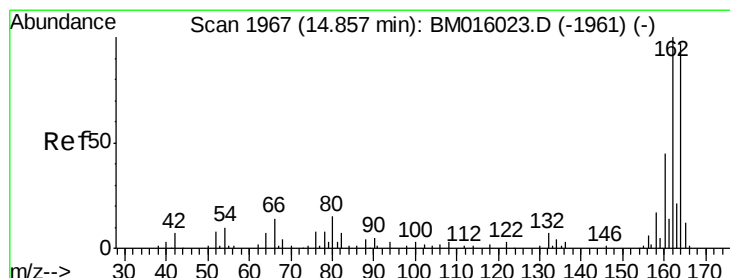
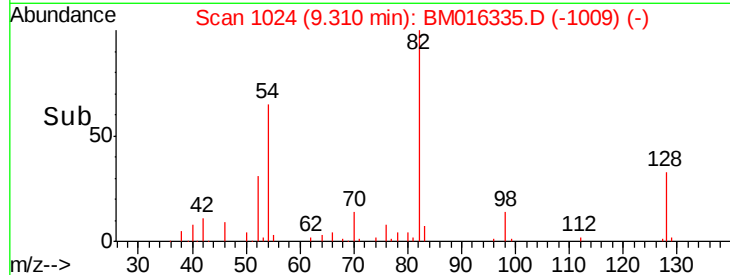
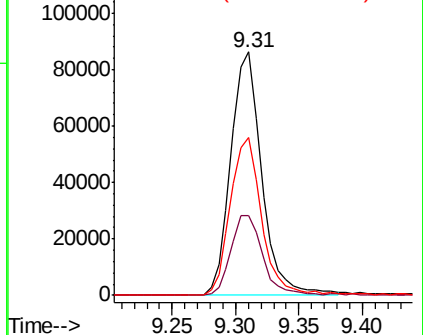
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

Instrument :
BNA_M
ClientSampleId :
PB111978TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	32.8	49.2
54	64.6	40.6	60.8#

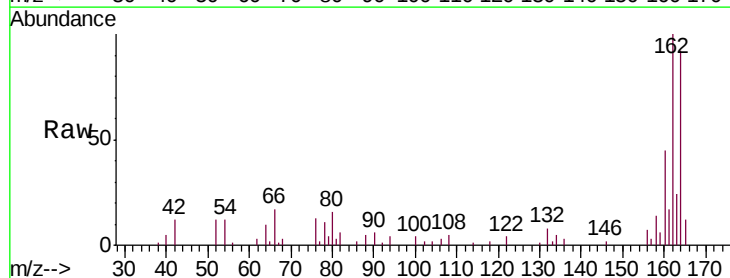


Abundance Ion 82.00 (81.70 to 82.70): BM016335.D (-1009) (-)

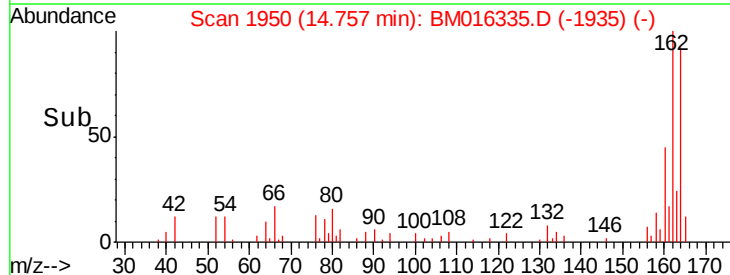
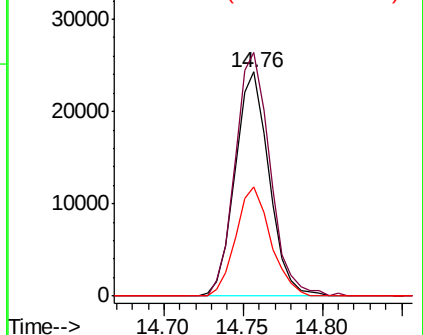


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	82.4	123.6
160	48.7	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): BM016335.D (-1935) (-)

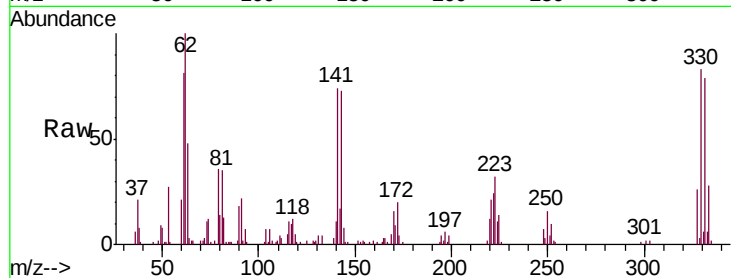




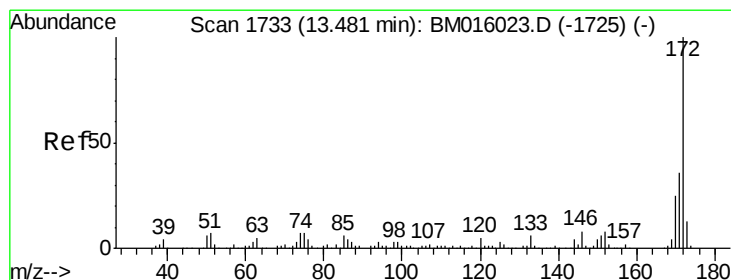
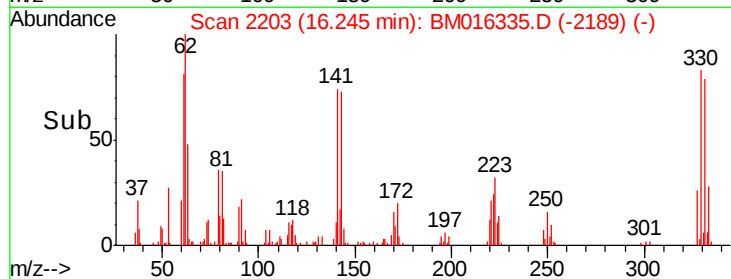
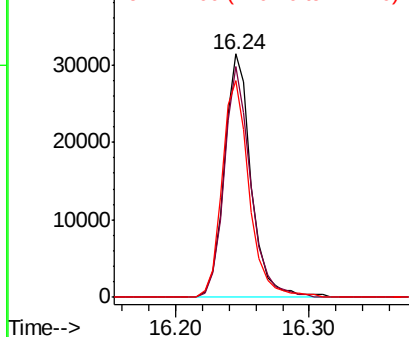
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.02 min
 Lab File: BM016335.D
 Acq: 13 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB111978TB

Tgt Ion: 330 Resp: 44428
 Ion Ratio Lower Upper
 330 100
 332 93.5 0.0 0.0#
 141 90.2 0.0 0.0#

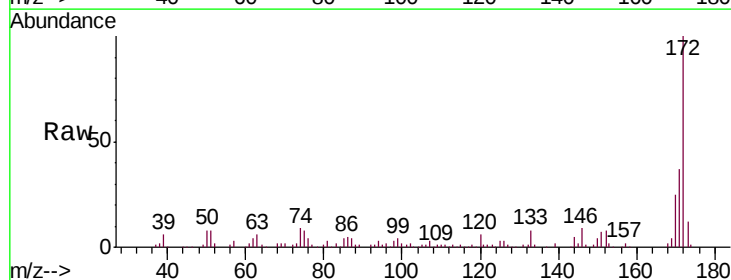


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

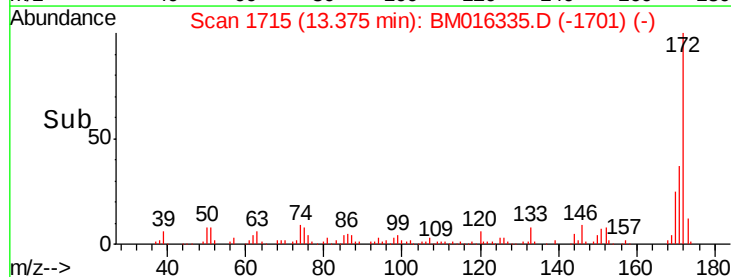
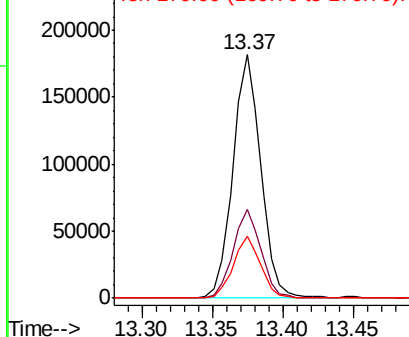


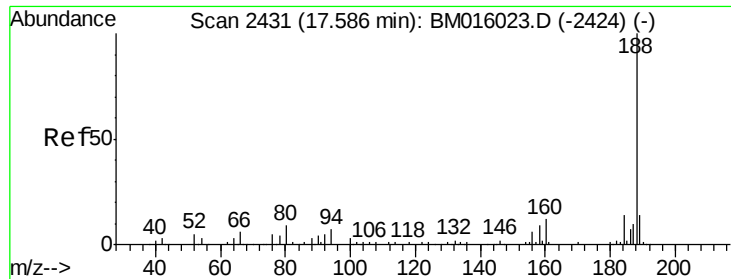
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BM016335.D
 Acq: 13 Aug 2018 21:02

Tgt Ion: 172 Resp: 250794
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 25.3 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

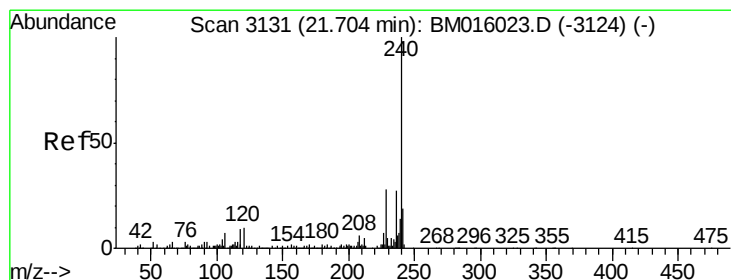
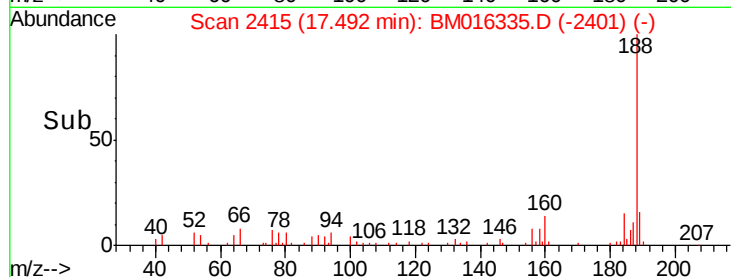
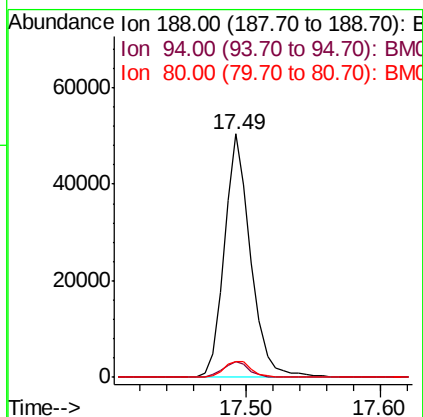
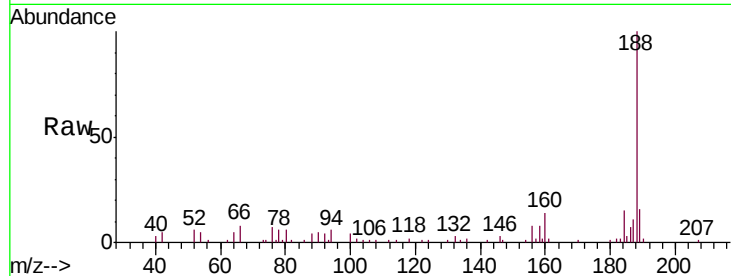




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

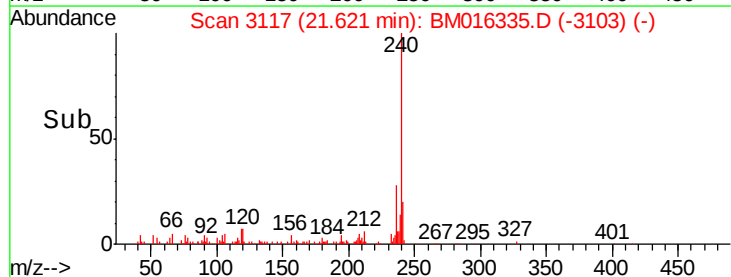
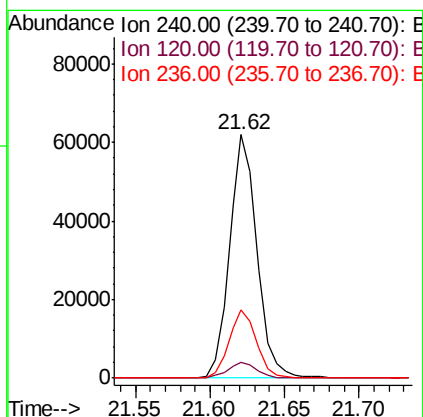
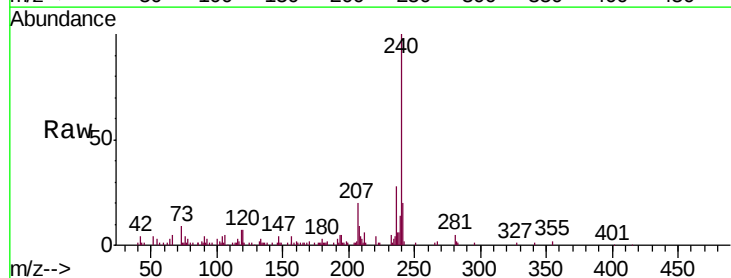
Instrument :
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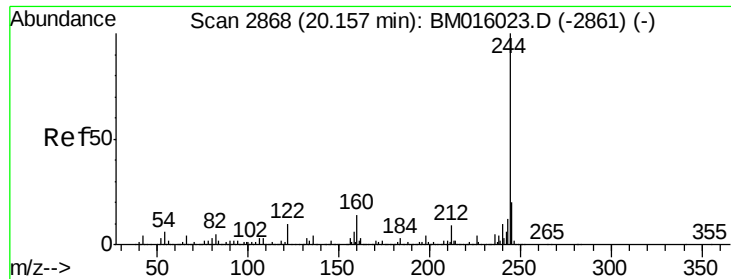
Tgt Ion:188 Resp: 69210
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 6.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM016335.D
Acq: 13 Aug 2018 21:02

Tgt Ion:240 Resp: 79692
Ion Ratio Lower Upper
240 100
120 6.7 8.2 12.2#
236 28.2 20.0 30.0

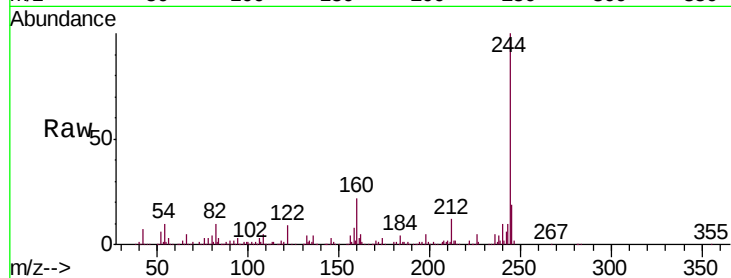




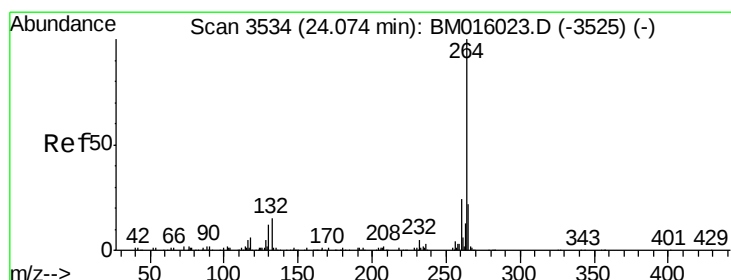
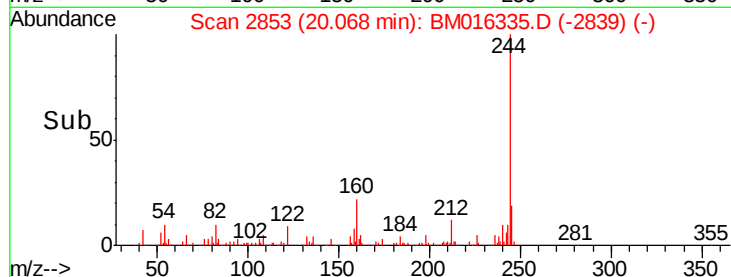
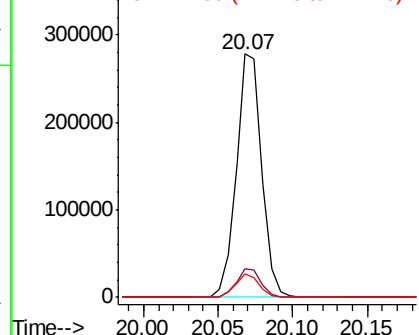
#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.07 min Scan# 2853
 Delta R.T. -0.02 min
 Lab File: BM016335.D
 Acq: 13 Aug 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :
 PB111978TB

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.7	4.9	7.3#
122	9.4	6.2	9.4#

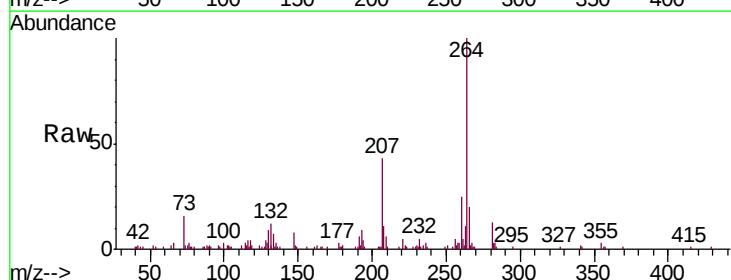


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.95 min Scan# 3513
 Delta R.T. -0.02 min
 Lab File: BM016335.D
 Acq: 13 Aug 2018 21:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	20.2	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

