

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081018\
 Data File : BM016305.D
 Acq On : 10 Aug 2018 20:38
 Operator : SJ/JU
 Sample : J4271-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-B

Quant Time: Aug 11 05:08:46 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	8.13	152	30685	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	105923	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	50638	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	98924	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	115496	20.00	ng	-0.01
86) Perylene-d12	23.96	264	133310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	252902	136.91	ng	0.00
7) Phenol-d6	7.30	99	258110	106.99	ng	0.00
23) Nitrobenzene-d5	9.32	82	235657	103.48	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	83609	130.18	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	409428	98.38	ng	-0.01
78) Terphenyl-d14	20.08	244	636083	115.29	ng	0.00

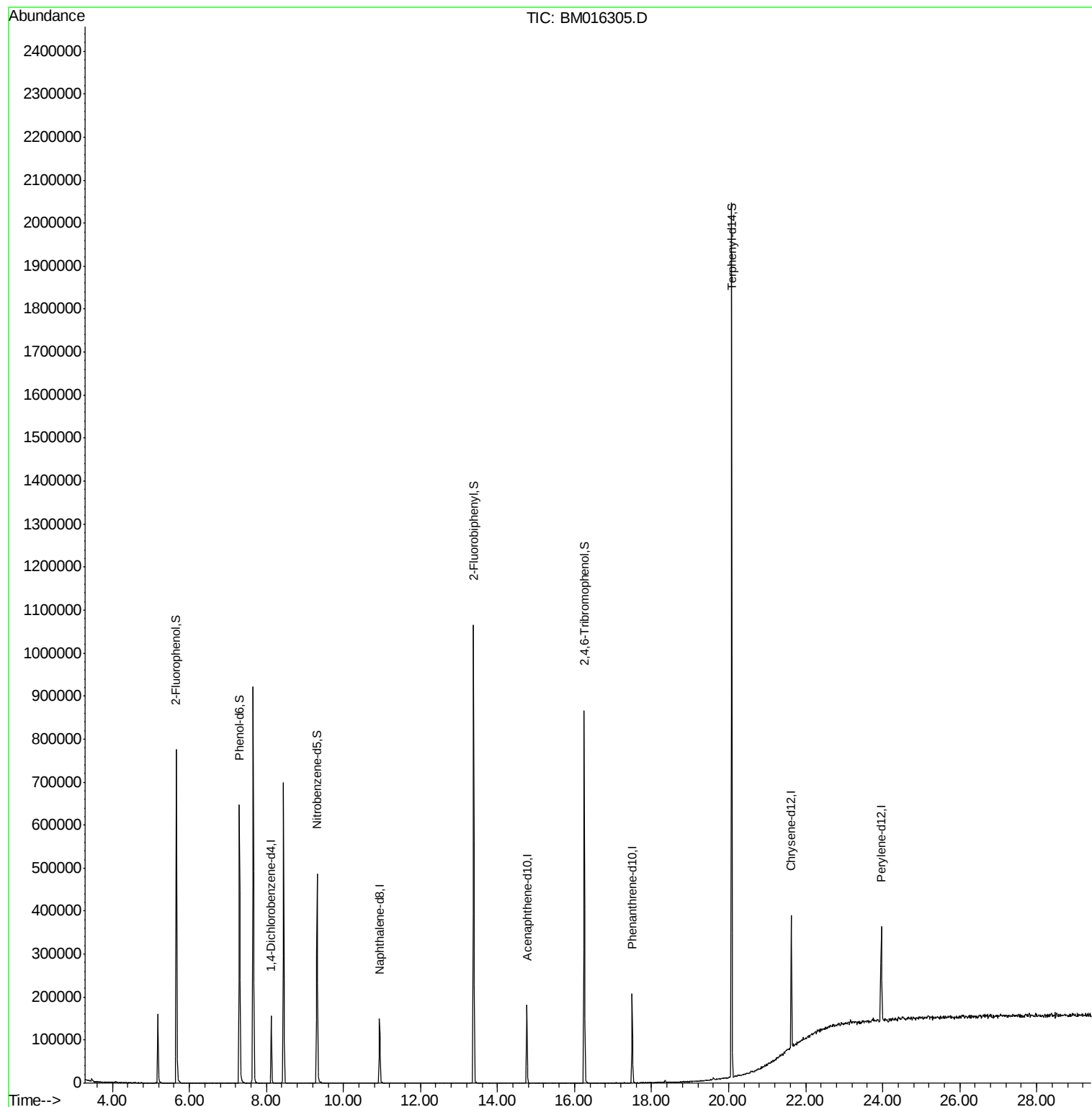
Target Compounds	Qvalue
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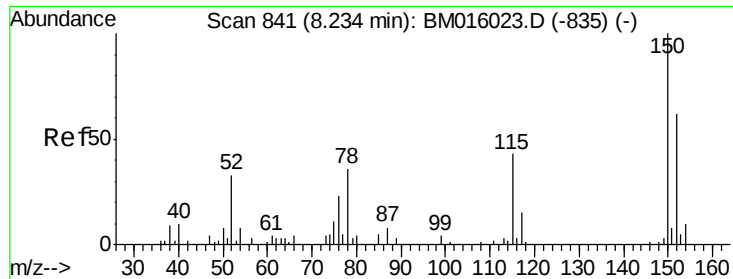
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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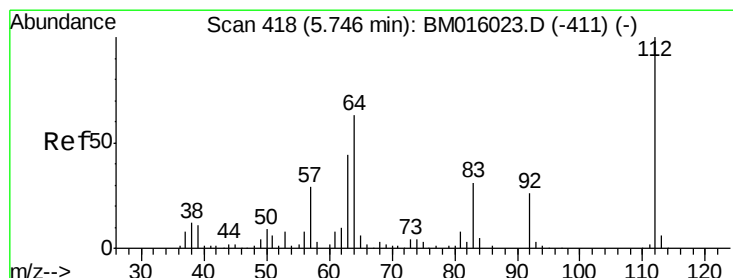
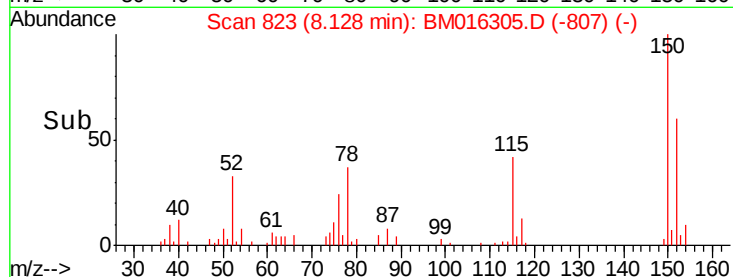
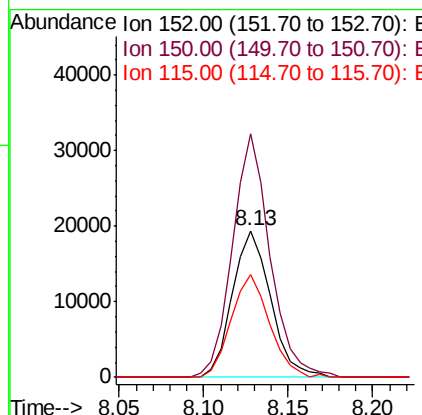
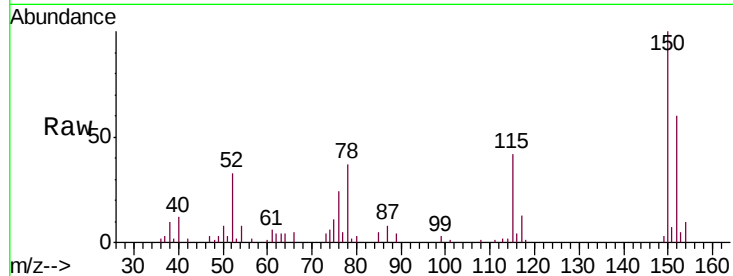




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

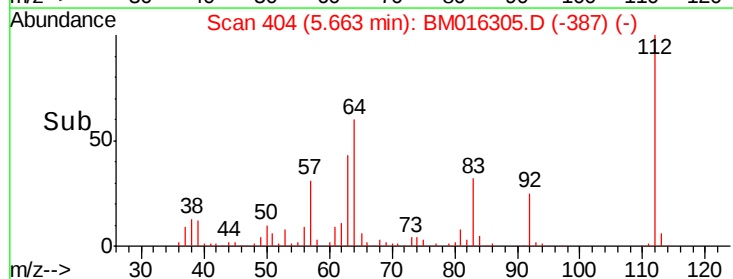
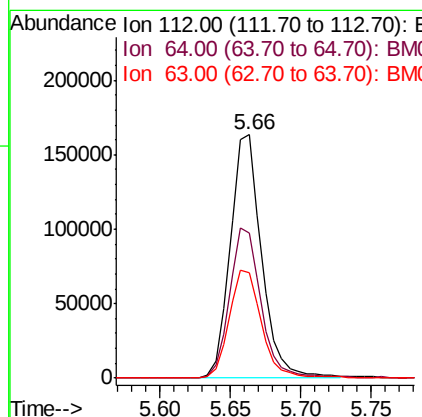
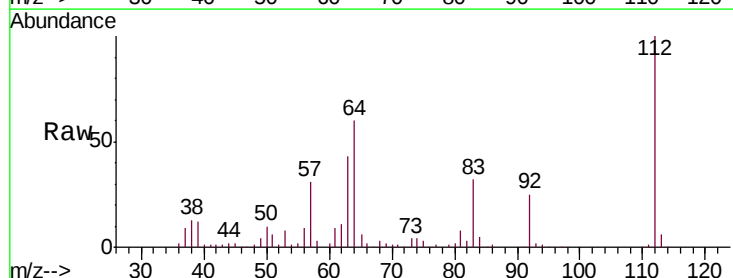
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-B

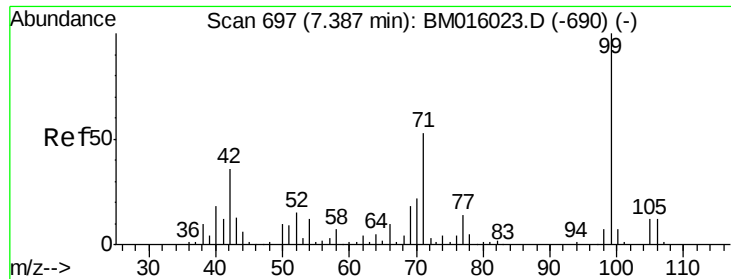
Tgt Ion:152 Resp: 30685
 Ion Ratio Lower Upper
 152 100
 150 165.7 119.5 179.3
 115 70.3 43.0 64.4#



#5
 2-Fluorophenol
 Concen: Below ng
 RT: 5.66 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Tgt Ion:112 Resp: 252902
 Ion Ratio Lower Upper
 112 100
 64 59.8 38.6 57.8#
 63 43.1 19.3 28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016305.D

Acq: 10 Aug 2018 20:38

Instrument :

BNA_M

ClientSampleId :

HR-05-080818-B

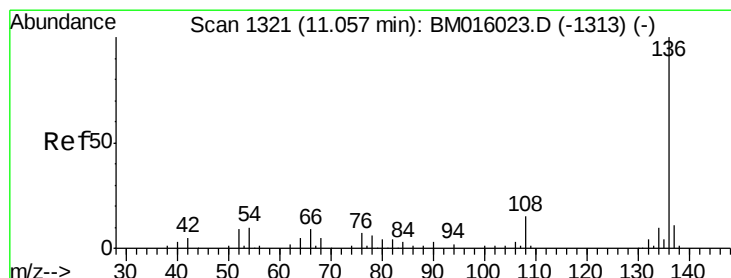
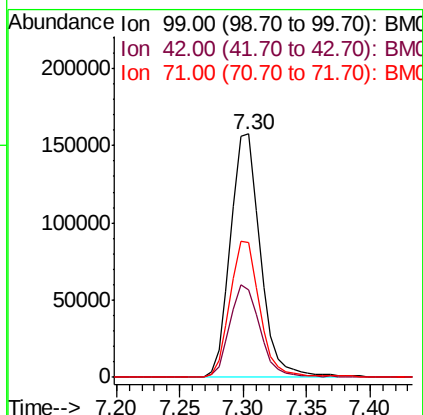
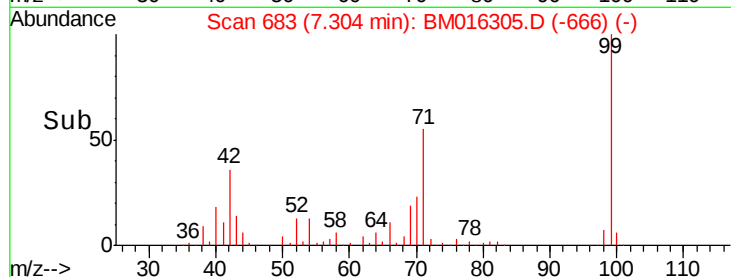
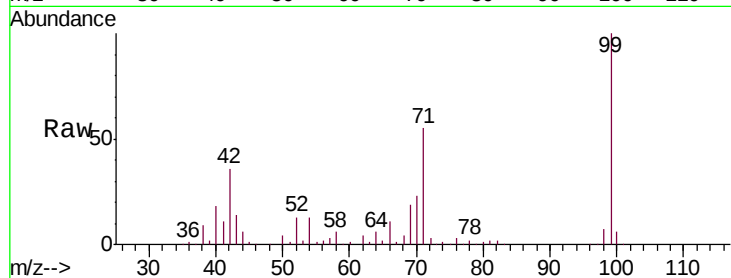
Tgt Ion: 99 Resp: 258110

Ion Ratio Lower Upper

99 100

42 36.0 11.0 16.4#

71 55.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM016305.D

Acq: 10 Aug 2018 20:38

Tgt Ion: 136 Resp: 105923

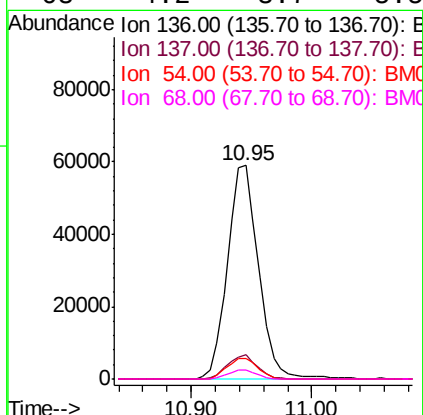
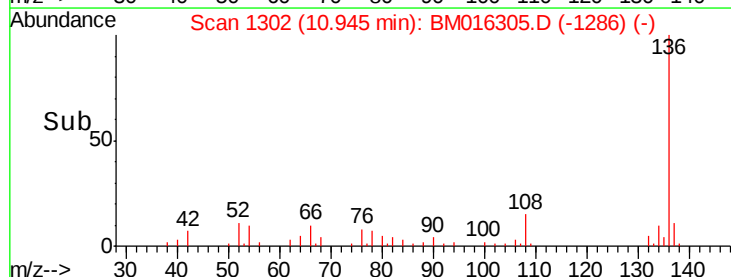
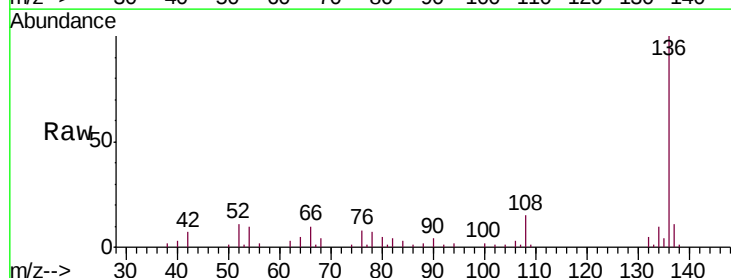
Ion Ratio Lower Upper

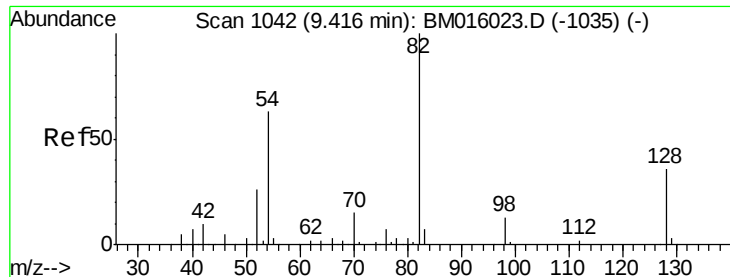
136 100

137 11.5 8.7 13.1

54 9.5 4.6 6.8#

68 4.2 3.7 5.5

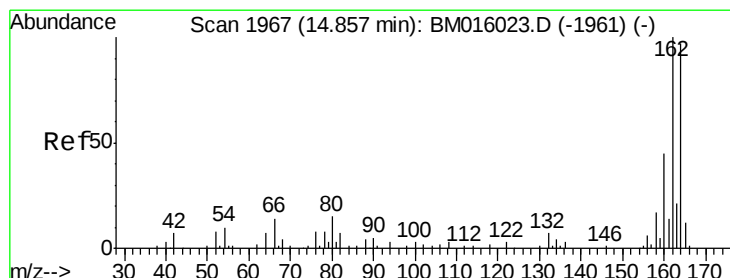
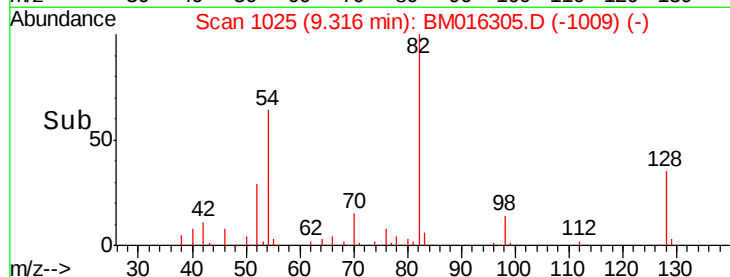
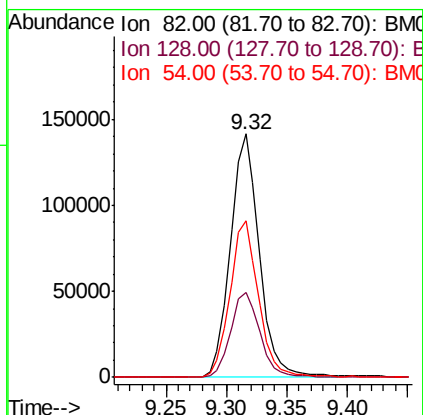
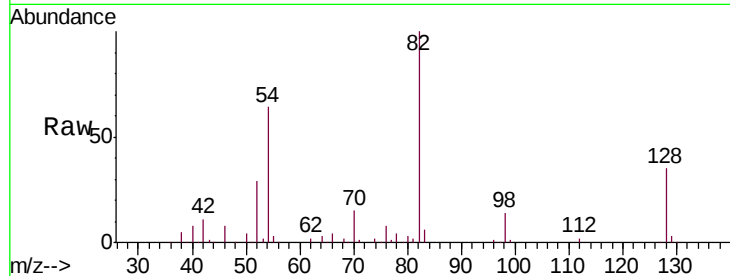




#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

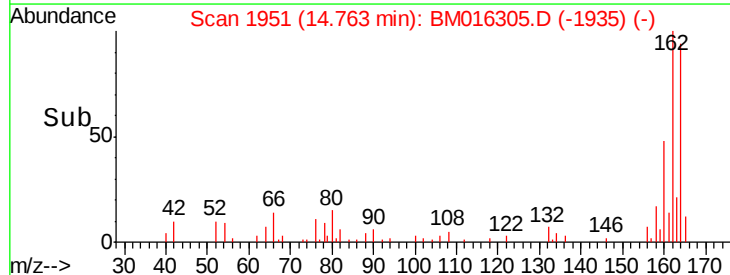
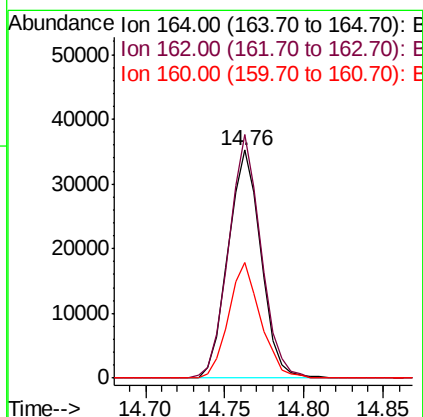
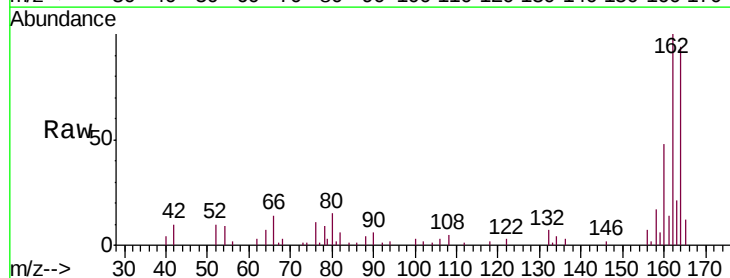
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-B

Tgt Ion: 82 Resp: 235657
 Ion Ratio Lower Upper
 82 100
 128 35.0 32.8 49.2
 54 64.1 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Tgt Ion: 164 Resp: 50638
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.4 123.6
 160 50.7 35.8 53.6

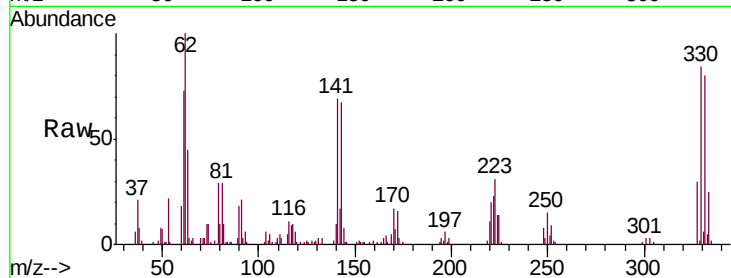




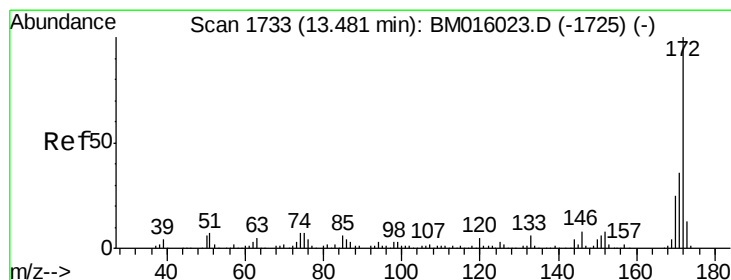
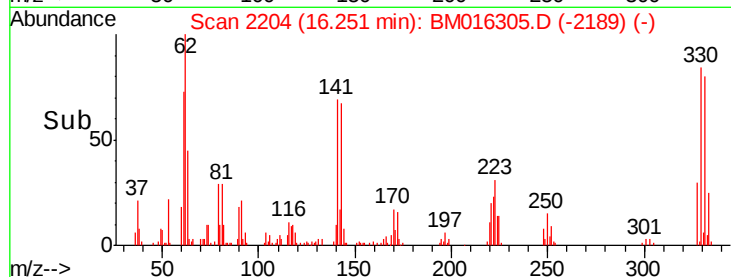
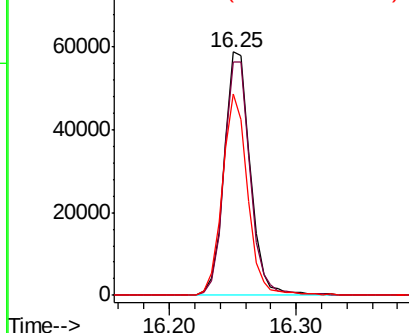
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.25 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-B

Tgt Ion: 330 Resp: 83609
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 80.2 0.0 0.0#

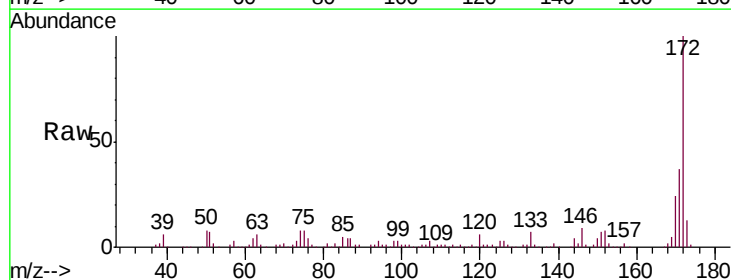


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

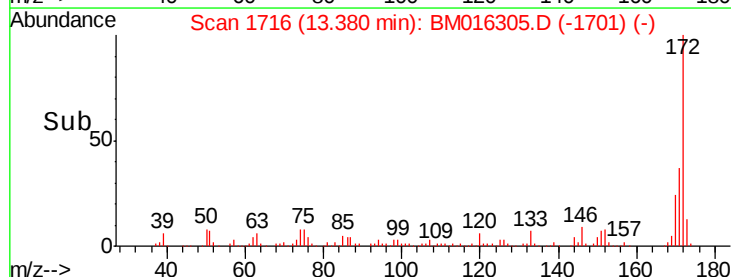
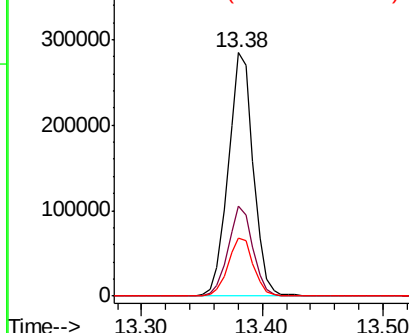


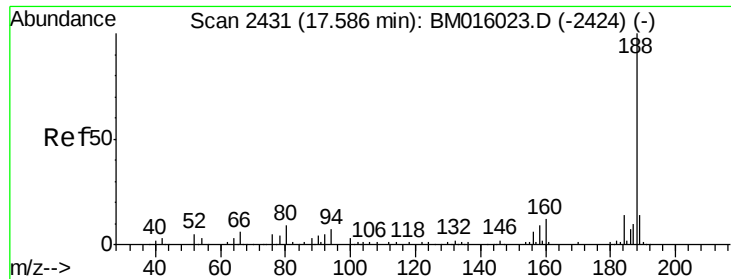
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Tgt Ion: 172 Resp: 409428
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.5 42.7
 170 24.0 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

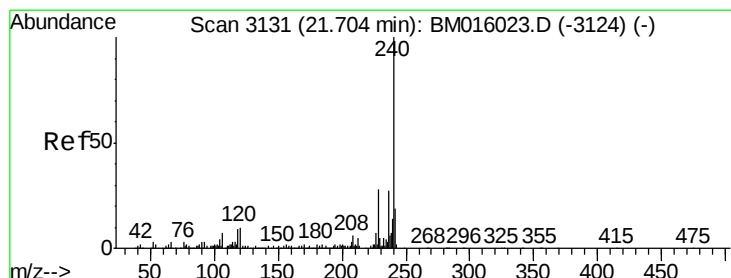
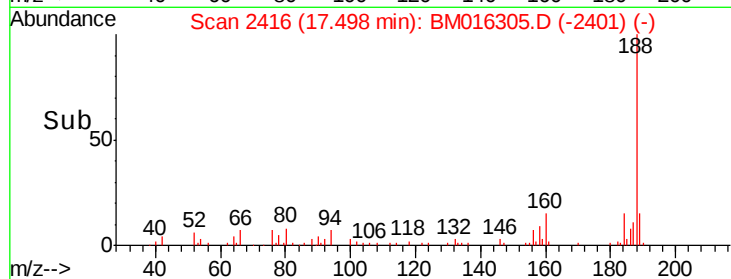
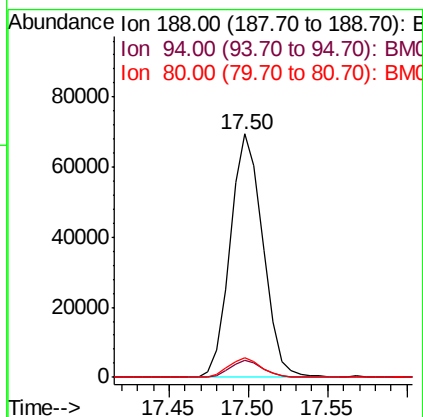
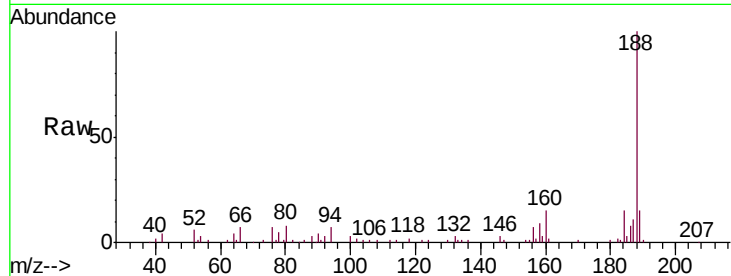




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

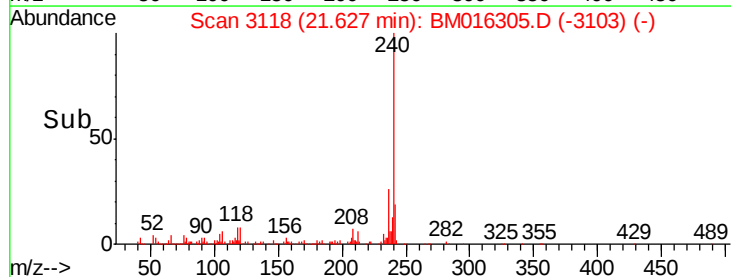
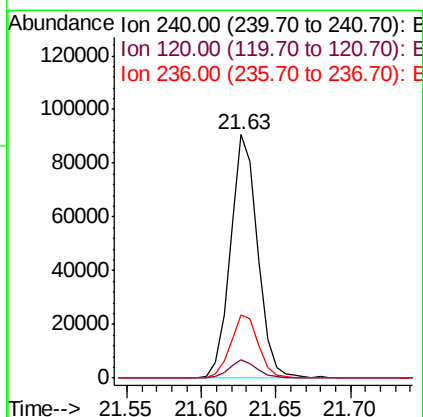
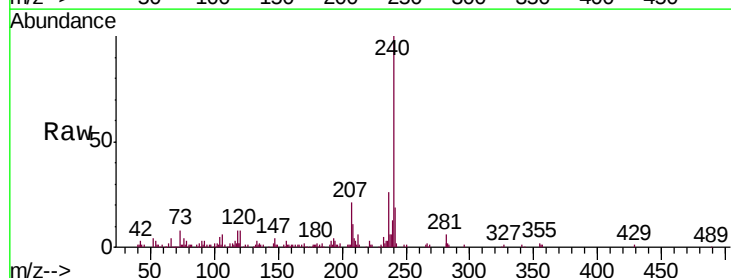
Instrument :
BNA_M
ClientSampleId :
HR-05-080818-B

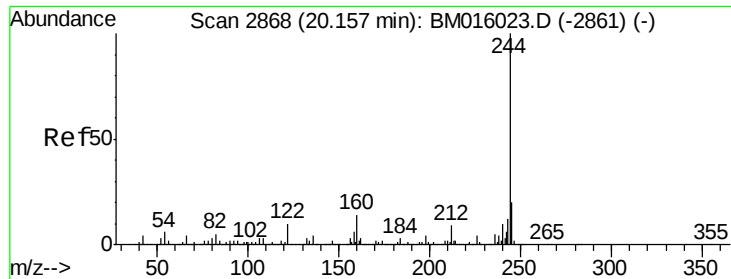
Tgt Ion:188 Resp: 98924
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 7.8 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM016305.D
Acq: 10 Aug 2018 20:38

Tgt Ion:240 Resp: 115496
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 25.9 20.0 30.0

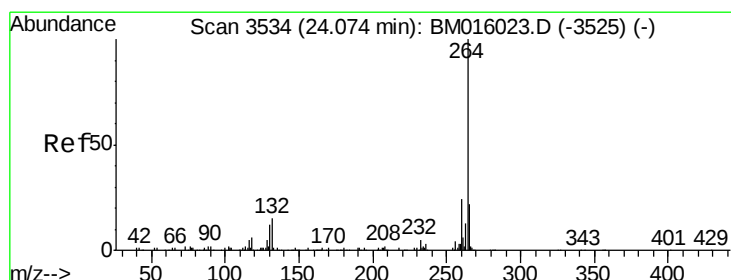
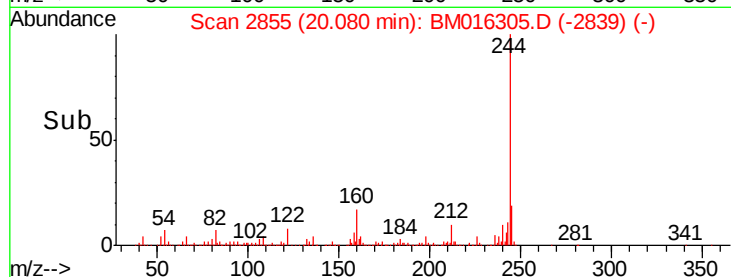
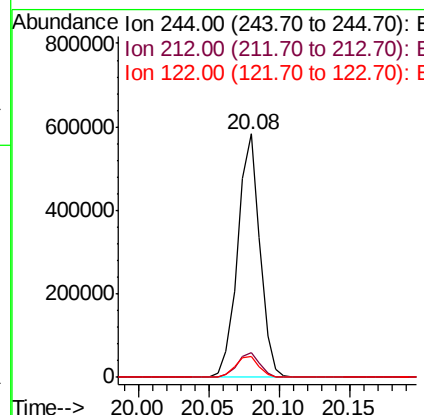
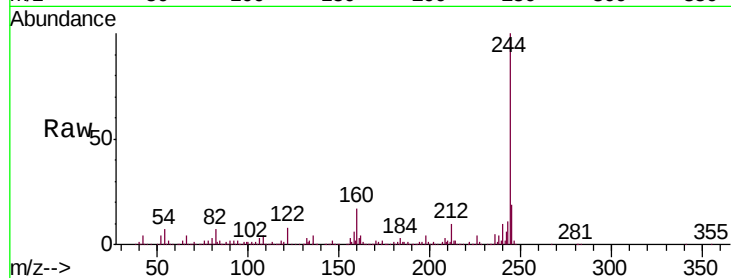




#78
 Terphenyl-d14
 Concen: N.D. ng
 RT: 20.08 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-080818-B

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	8.5	6.2	9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.96 min Scan# 3515
 Delta R.T. -0.01 min
 Lab File: BM016305.D
 Acq: 10 Aug 2018 20:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	23.6	17.3	25.9

