

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015836.D
 Acq On : 07 Jul 2018 12:18
 Operator : SJ/JU
 Sample : J3852-30
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HC-CON

Quant Time: Jul 09 00:55:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	105723	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	407815	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	236329	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	557891	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	582211	20.00	ng	-0.01
86) Perylene-d12	24.16	264	554421	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	867576	140.73	ng	0.00
7) Phenol-d6	7.46	99	988937	117.18	ng	0.00
23) Nitrobenzene-d5	9.49	82	876119	104.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	560978	181.67	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1917842	100.75	ng	-0.01
78) Terphenyl-d14	20.22	244	3778003	120.36	ng	0.00

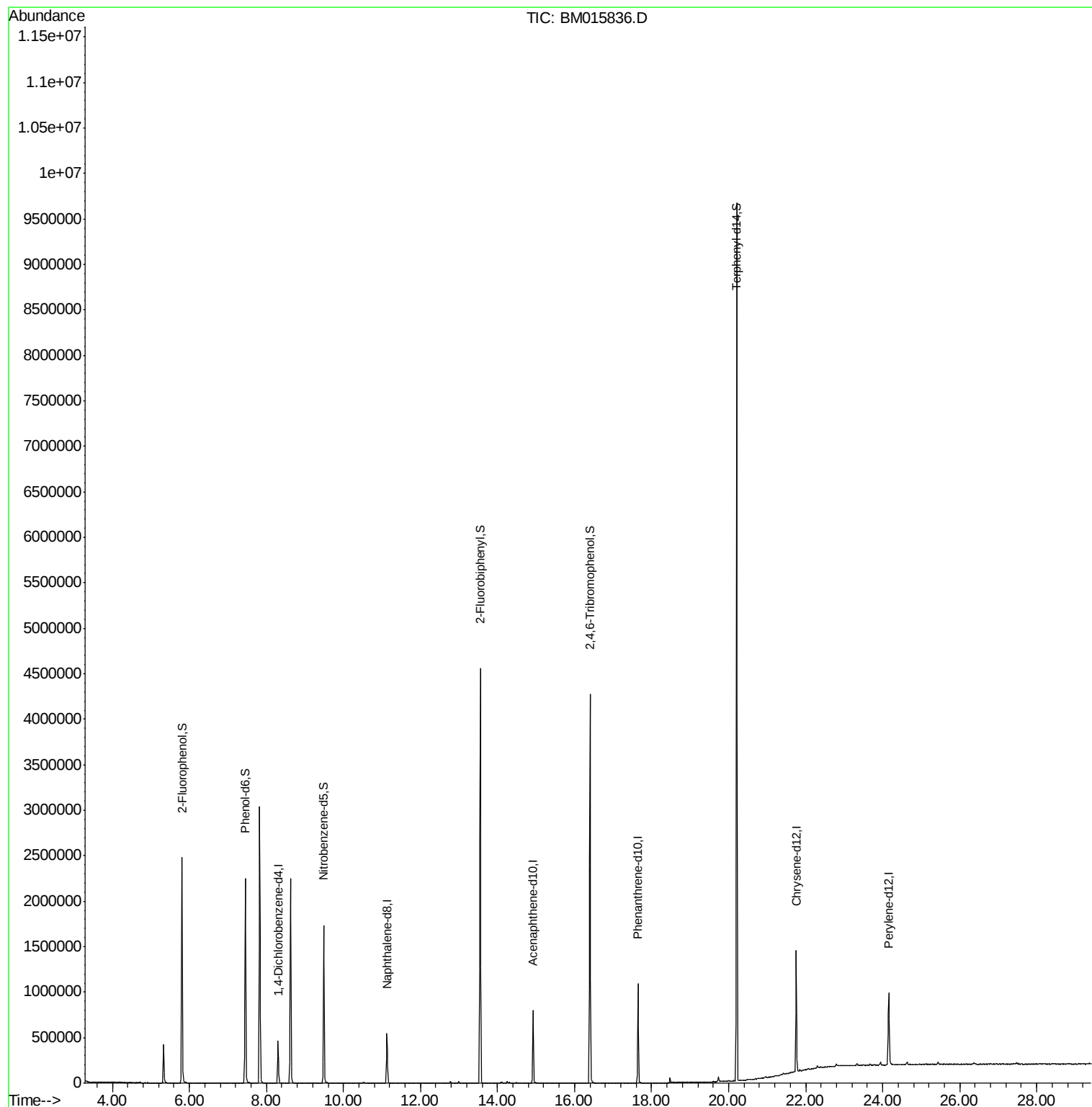
Target Compounds Qvalue

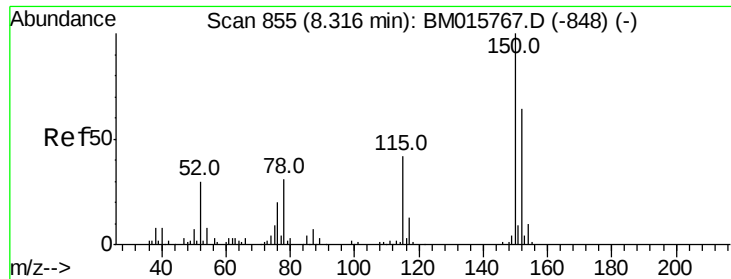
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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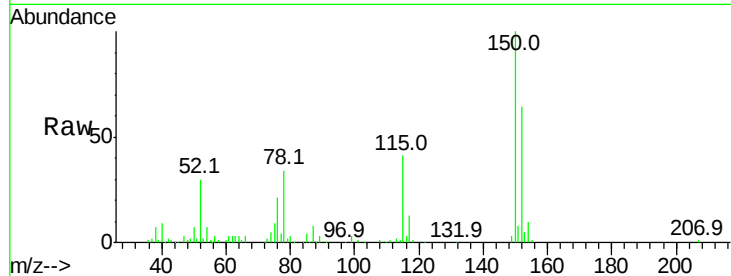


#1

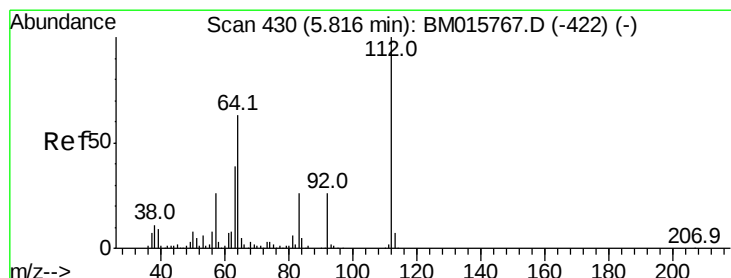
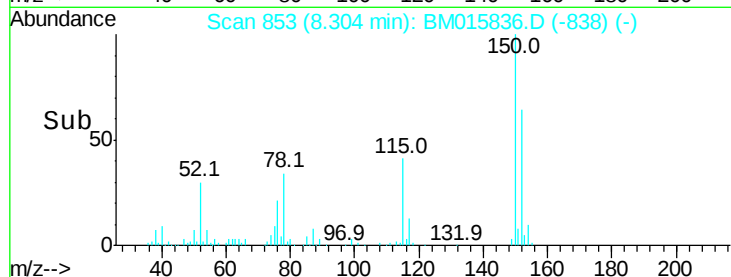
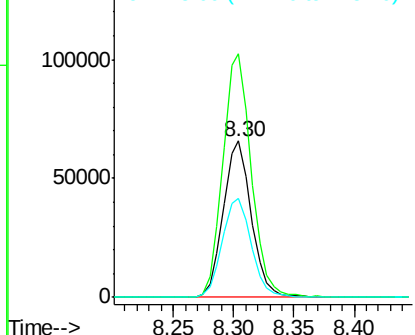
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015836.D
Acq: 07 Jul 2018 12:18

Instrument :
BNA_M
ClientSampled :
HC-CON

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	63.4	43.0	64.4



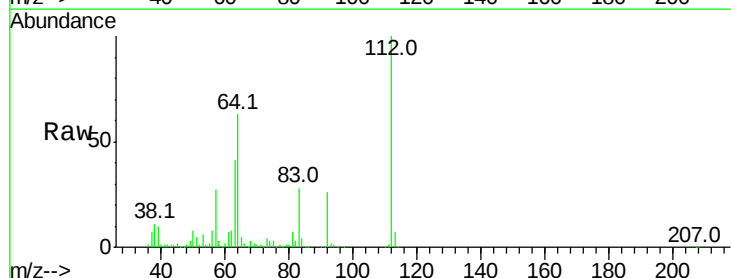
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



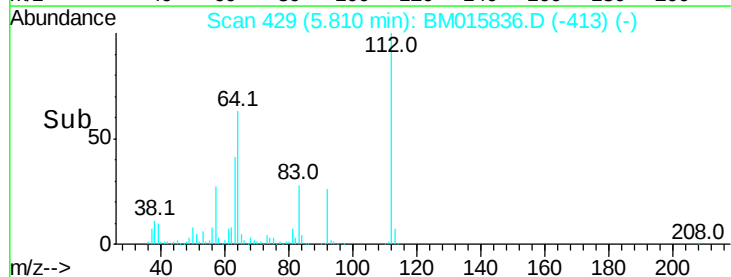
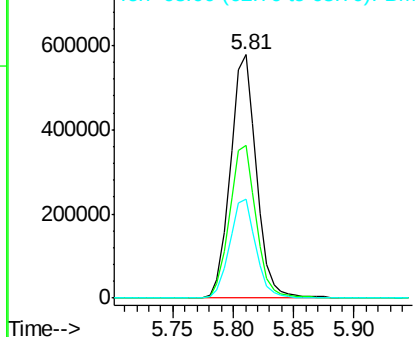
#5

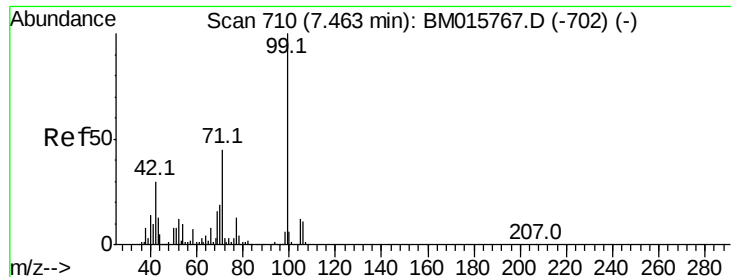
2-Fluorophenol
Concen: Below ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015836.D
Acq: 07 Jul 2018 12:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	38.6	57.8#
63	40.6	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: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

Instrument :

BNA_M

ClientSampleId :

HC-CON

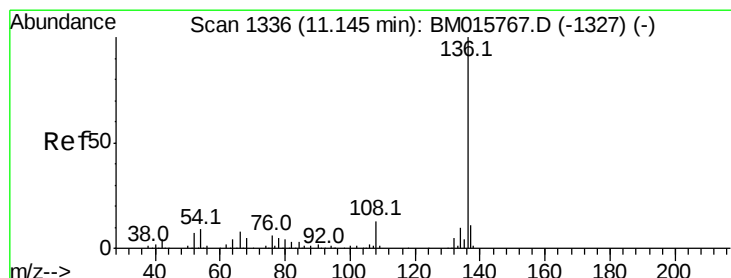
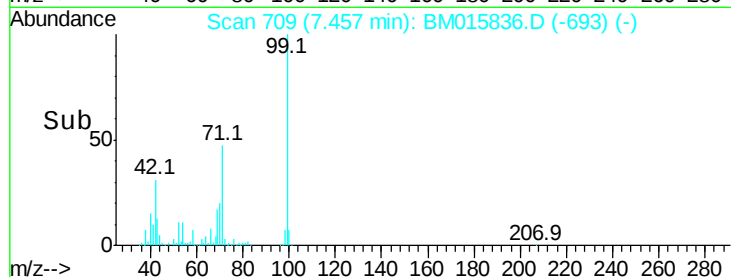
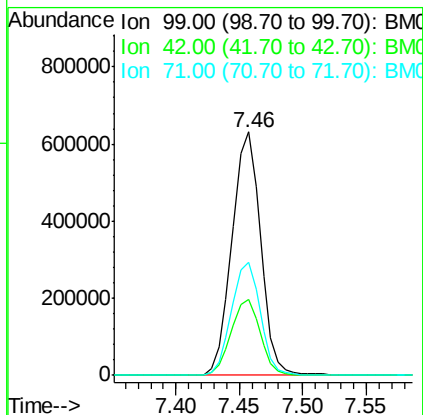
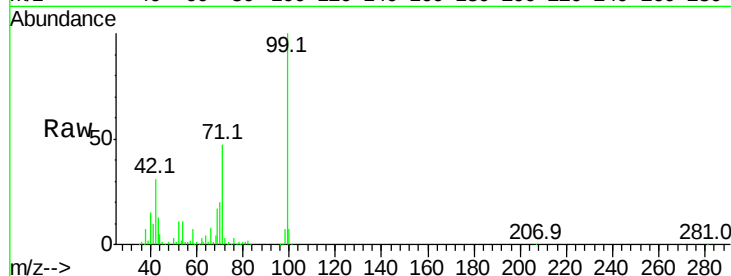
Tot Ion: 99 Resp: 988937

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

Tgt Ion: 136 Resp: 407815

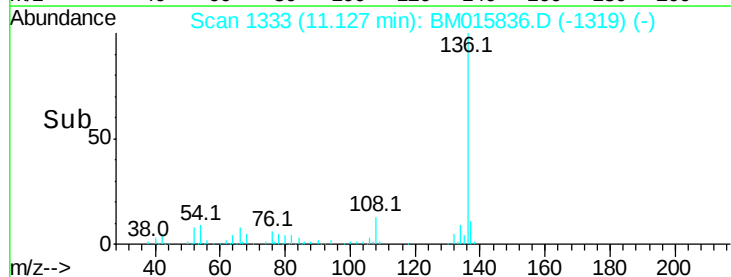
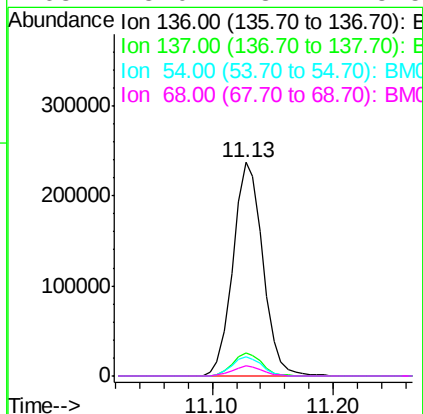
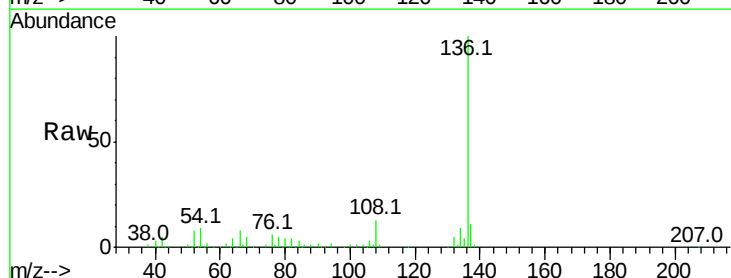
Ion Ratio Lower Upper

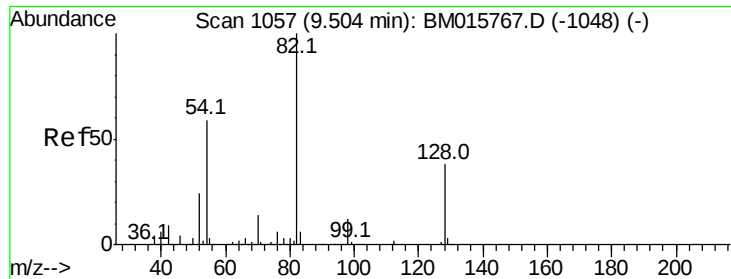
136 100

137 10.7 8.7 13.1

54 9.2 4.6 6.8#

68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: Below na

RT: 9.49 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

Instrument :

BNA_M

ClientSampleId :

HC-CON

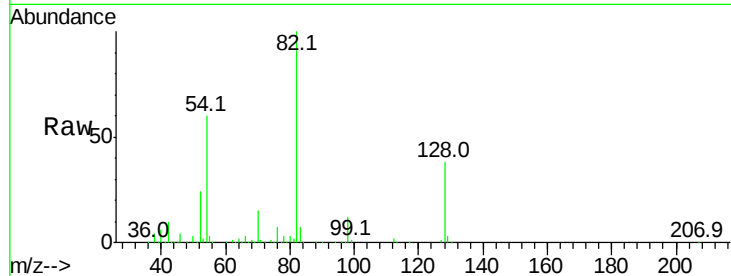
Tot Ion: 82 Resp: 876119

Ion Ratio Lower Upper

82 100

128 37.7 32.8 49.2

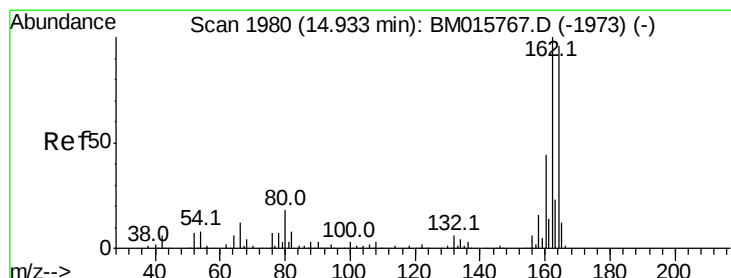
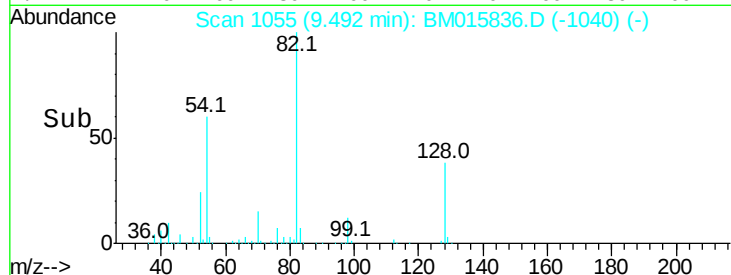
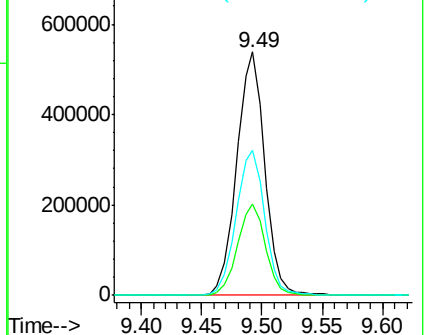
54 59.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)

Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

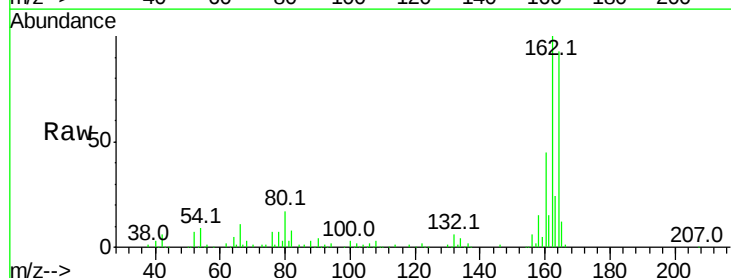
Tgt Ion:164 Resp: 236329

Ion Ratio Lower Upper

164 100

162 107.3 82.4 123.6

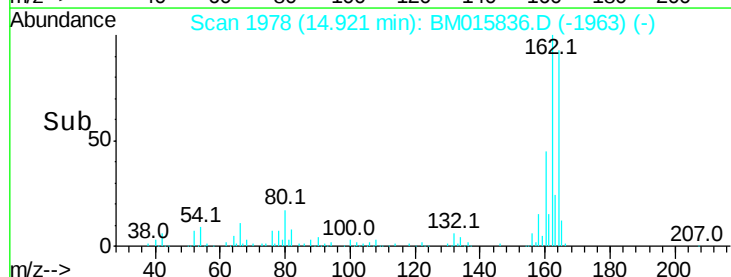
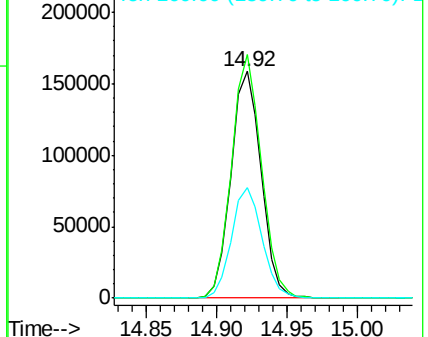
160 48.7 35.8 53.6

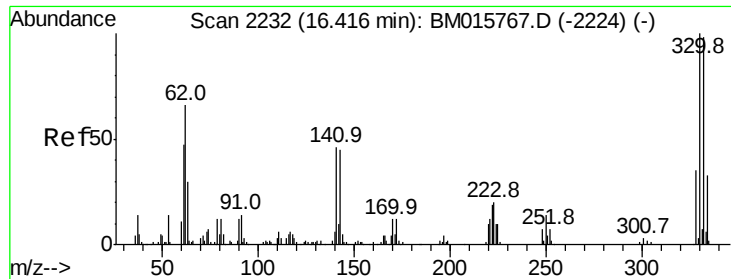


Abundance Ion 164.00 (163.70 to 164.70): BM015767.D (-1973) (-)

Ion 162.00 (161.70 to 162.70): BM015767.D (-1973) (-)

Ion 160.00 (159.70 to 160.70): BM015767.D (-1973) (-)

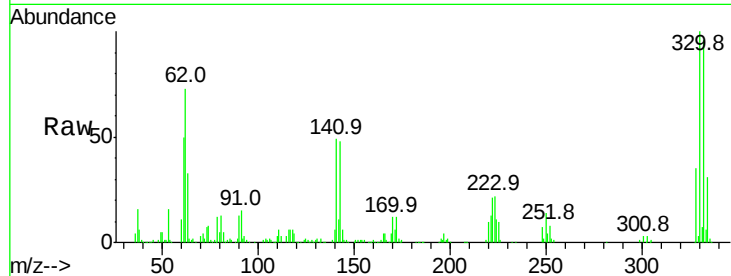




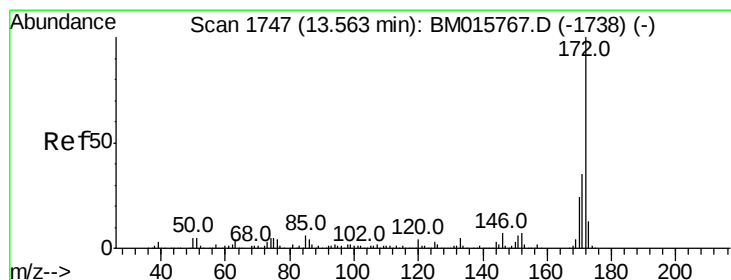
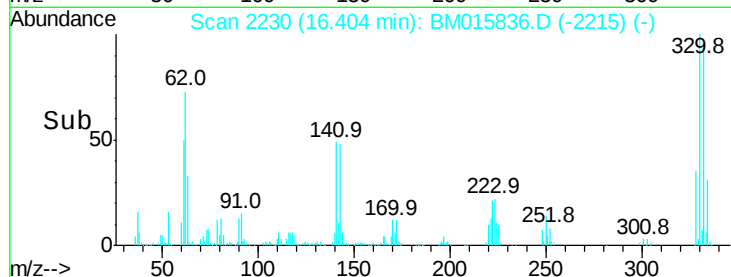
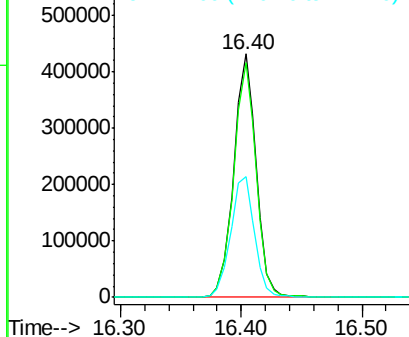
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015836.D
 Acq: 07 Jul 2018 12:18

Instrument :
 BNA_M
 ClientSampleId :
 HC-CON

Tot Ion:330 Resp: 560978
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 52.5 0.0 0.0#

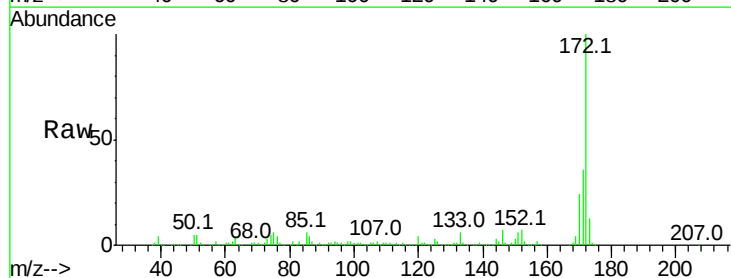


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

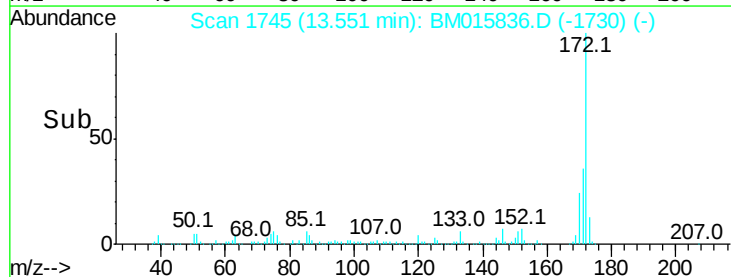
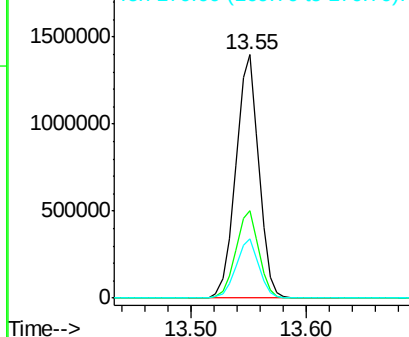


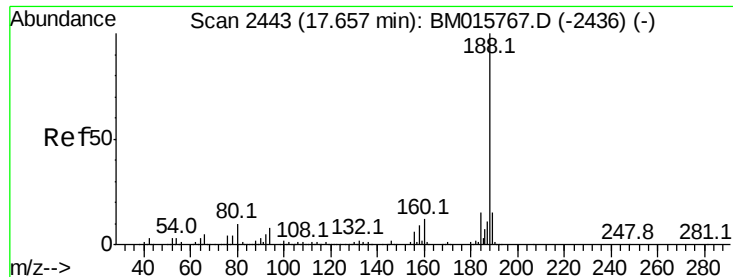
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.55 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM015836.D
 Acq: 07 Jul 2018 12:18

Tgt Ion:172 Resp: 1917842
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.1 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

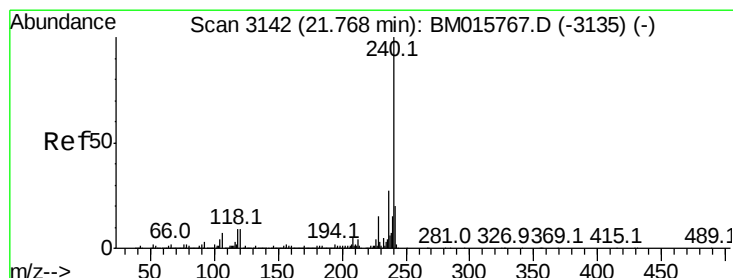
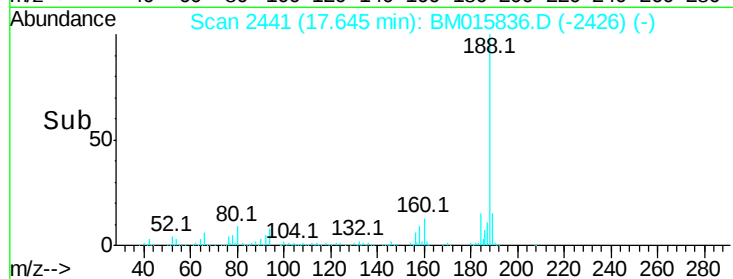
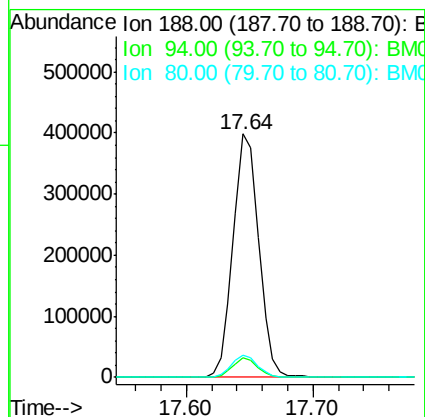
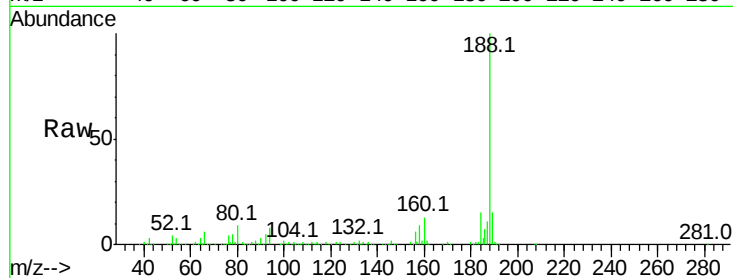




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015836.D
Acq: 07 Jul 2018 12:18

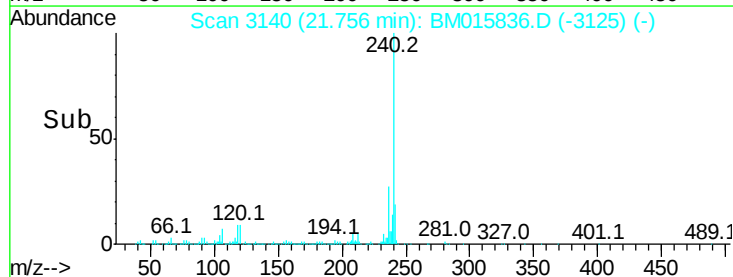
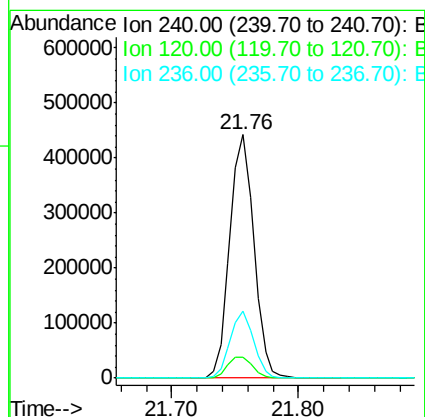
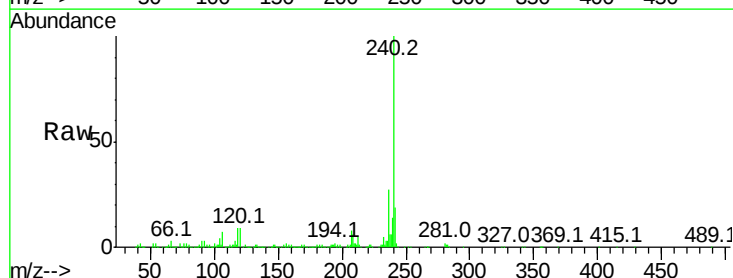
Instrument :
BNA_M
ClientSampled :
HC-CON

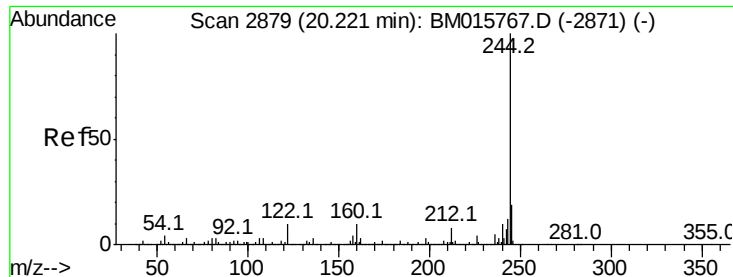
Tot Ion:188 Resp: 557891
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BM015836.D
Acq: 07 Jul 2018 12:18

Tgt Ion:240 Resp: 582211
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 27.4 20.0 30.0





#78

Terphenyl-d14

Concen: Below na

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

Instrument :

BNA_M

ClientSampleId :

HC-CON

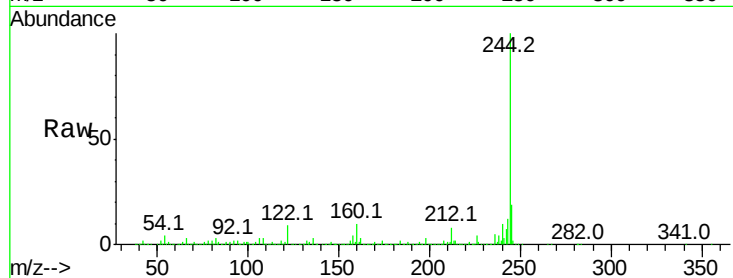
Tot Ion:244 Resp: 3778003

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

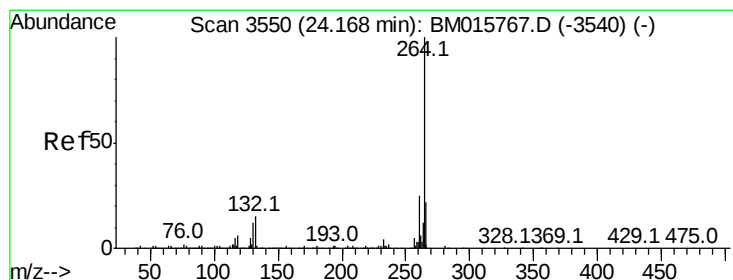
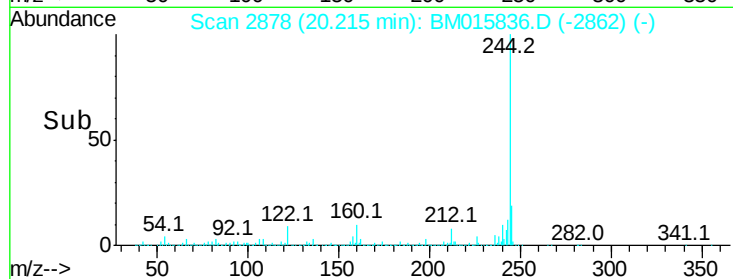
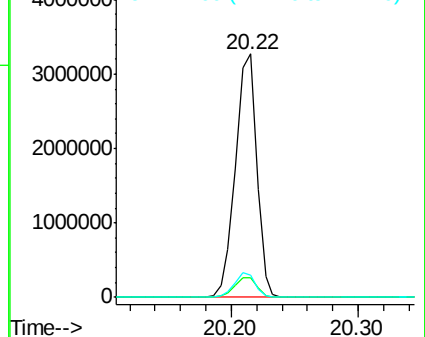
122 9.3 6.2 9.4



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: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015836.D

Acq: 07 Jul 2018 12:18

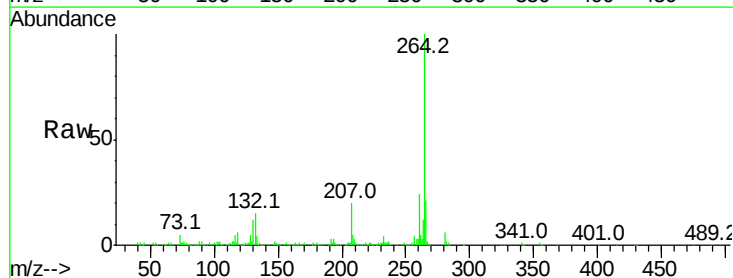
Tgt Ion:264 Resp: 554421

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.3 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

