

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070618\
 Data File : BM015837.D
 Acq On : 07 Jul 2018 12:54
 Operator : SJ/JU
 Sample : J3854-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S4

Quant Time: Jul 09 00:55:29 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

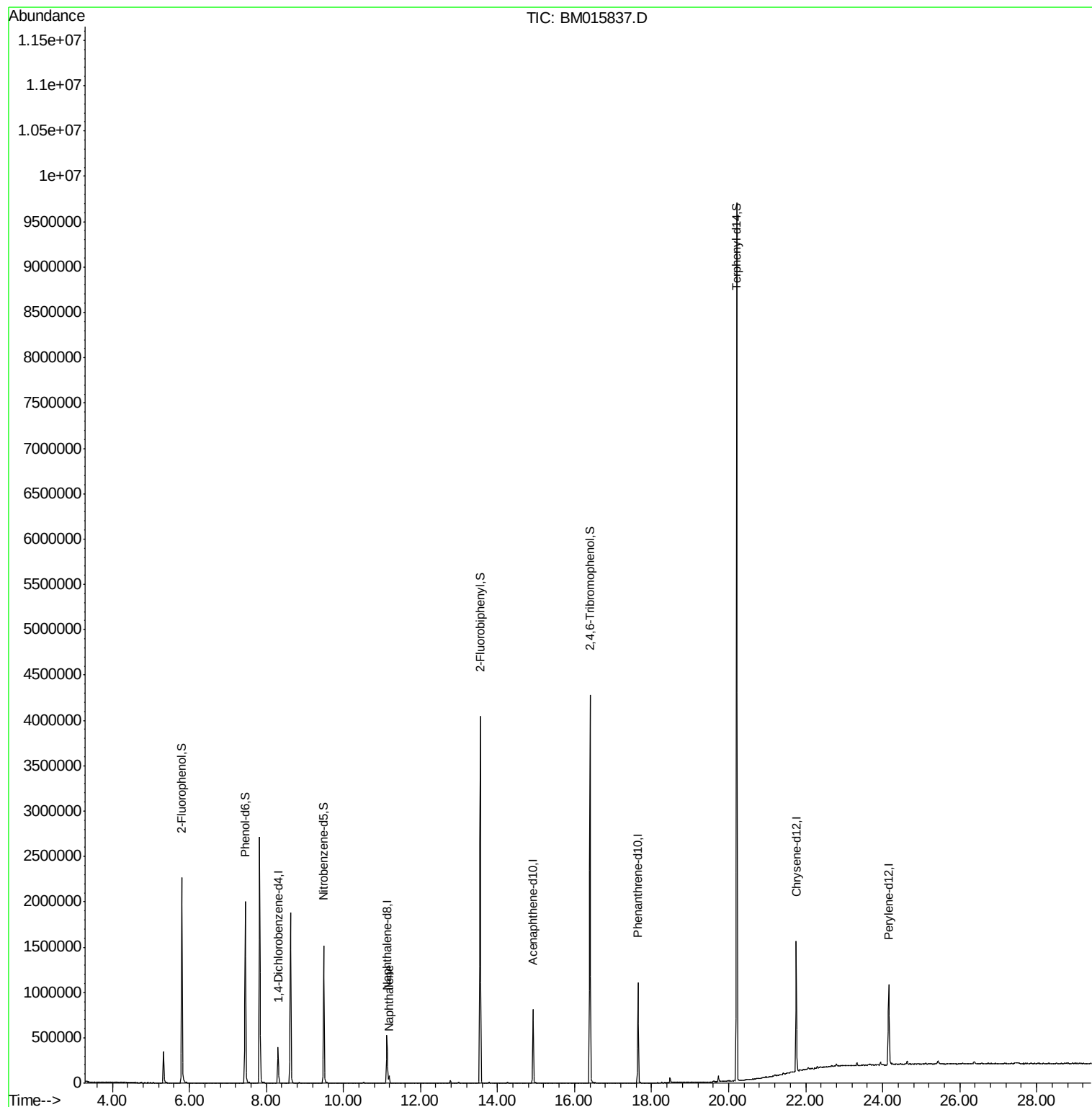
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	92209	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	390502	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	238202	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	580720	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	606720	20.00	ng	-0.01
86) Perylene-d12	24.16	264	598672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	779862	145.04	ng	-0.01
7) Phenol-d6	7.46	99	921100	125.14	ng	0.00
23) Nitrobenzene-d5	9.49	82	796378	99.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.40	330	551621	177.23	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1785419	93.05	ng	-0.01
78) Terphenyl-d14	20.22	244	3801237	116.21	ng	0.00
Target Compounds						
31) Naphthalene	11.18	128	65070	3.214	ng	Qvalue 98

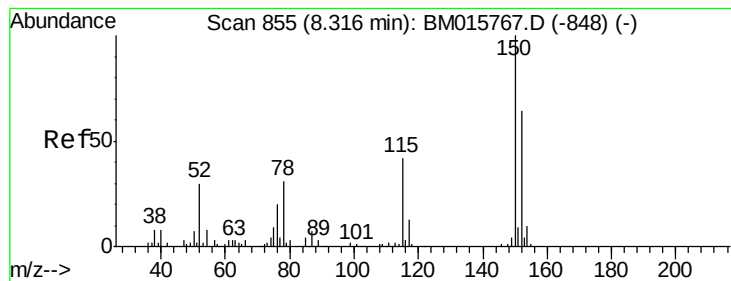
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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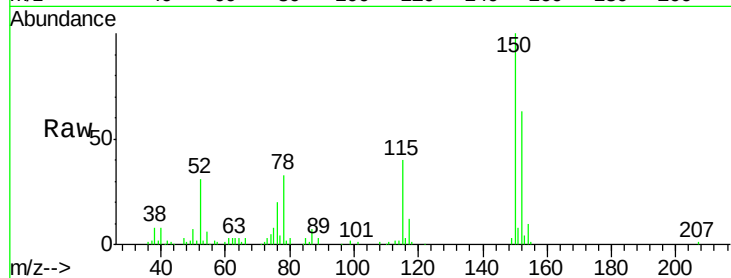


#1

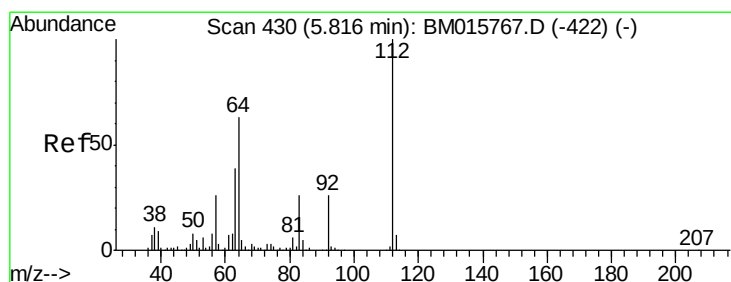
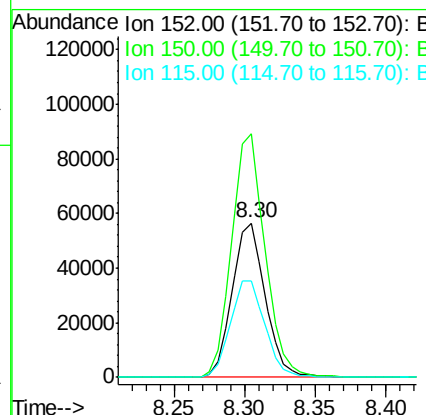
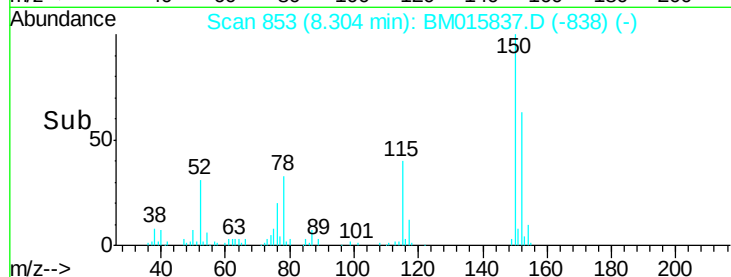
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampled :
S4

Tgt Ion:152 Resp: 92209
Ion Ratio Lower Upper
152 100
150 157.7 119.5 179.3
115 62.8 43.0 64.4



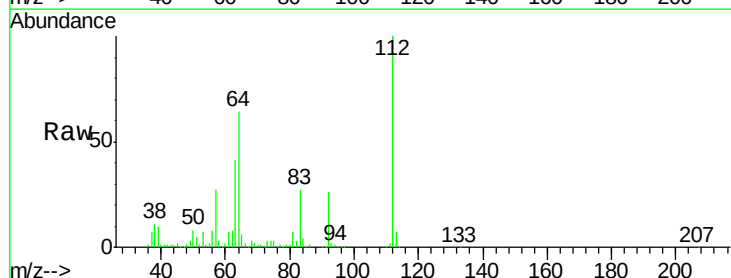
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



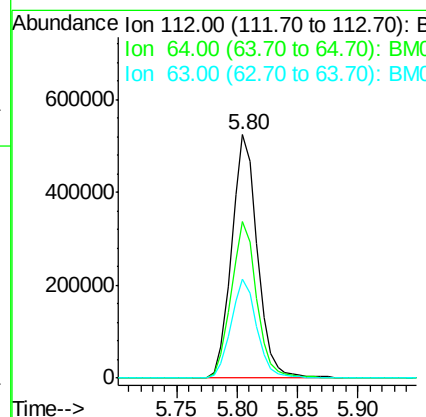
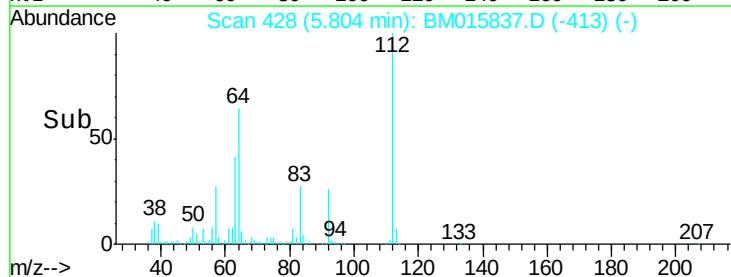
#5

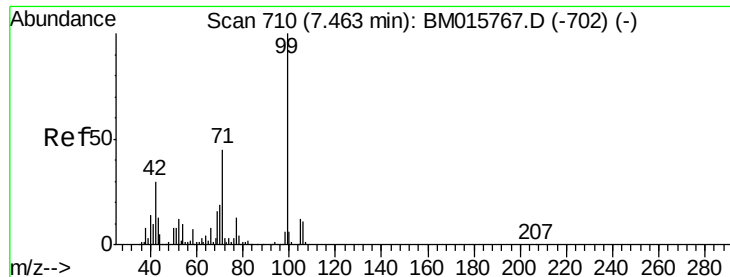
2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:112 Resp: 779862
Ion Ratio Lower Upper
112 100
64 64.1 38.6 57.8#
63 40.9 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: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015837.D

Acq: 07 Jul 2018 12:54

Instrument :

BNA_M

ClientSampleId :

S4

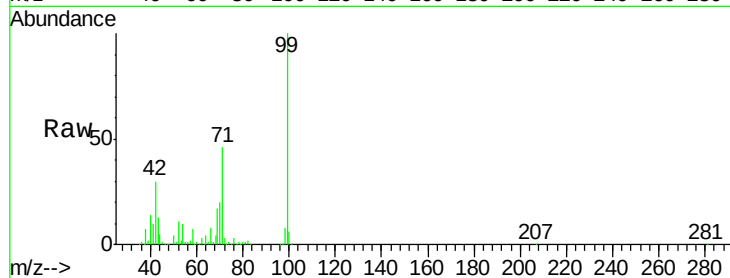
Tgt Ion: 99 Resp: 921100

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 46.0 23.4 35.2#

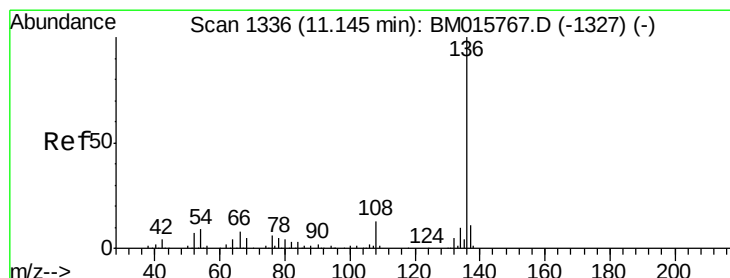
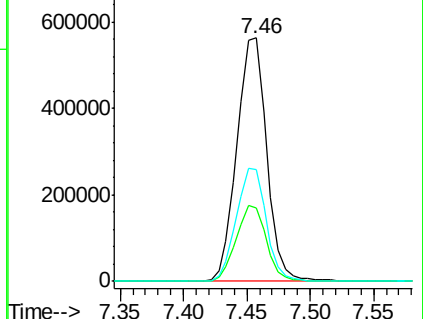
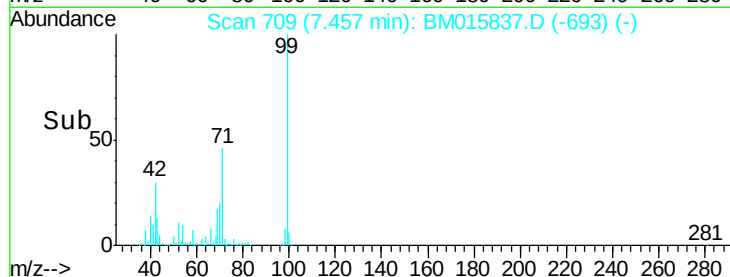


Abundance Ion 99.00 (98.70 to 99.70): BM015767.D (-702) (-)

Ion 42.00 (41.70 to 42.70): BM015767.D (-702) (-)

Ion 71.00 (70.70 to 71.70): BM015767.D (-702) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.13 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BM015837.D

Acq: 07 Jul 2018 12:54

Tgt Ion: 136 Resp: 390502

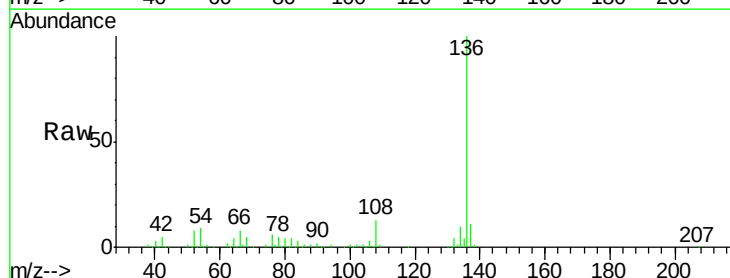
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.3 4.6 6.8#

68 5.0 3.7 5.5



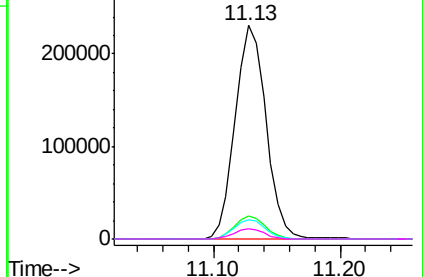
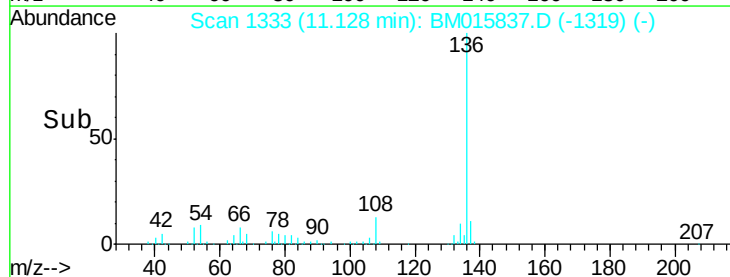
Abundance Ion 136.00 (135.70 to 136.70): BM015767.D (-1327) (-)

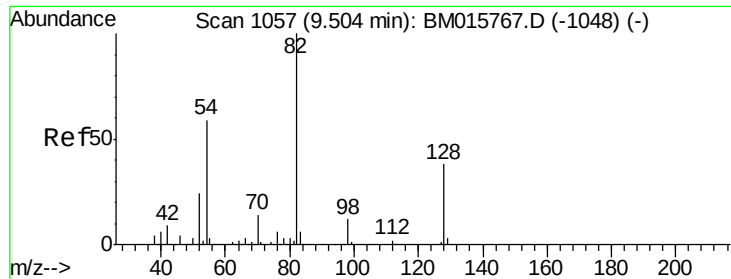
Ion 137.00 (136.70 to 137.70): BM015767.D (-1327) (-)

Ion 54.00 (53.70 to 54.70): BM015767.D (-1327) (-)

Ion 68.00 (67.70 to 68.70): BM015767.D (-1327) (-)

Time-->

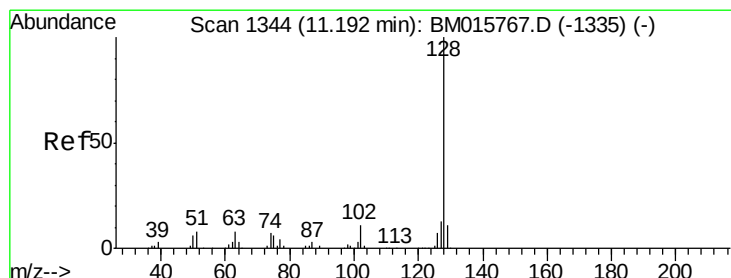
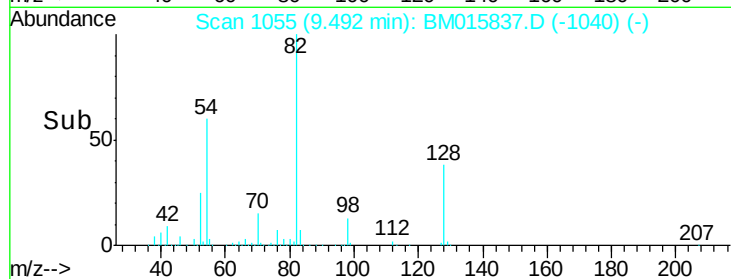
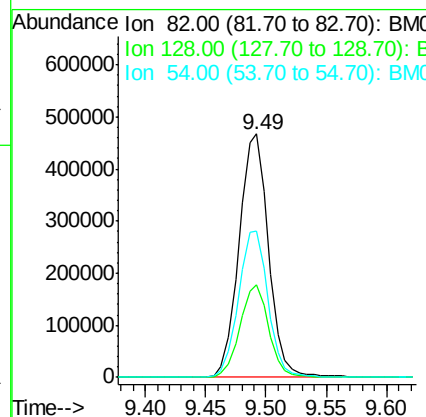
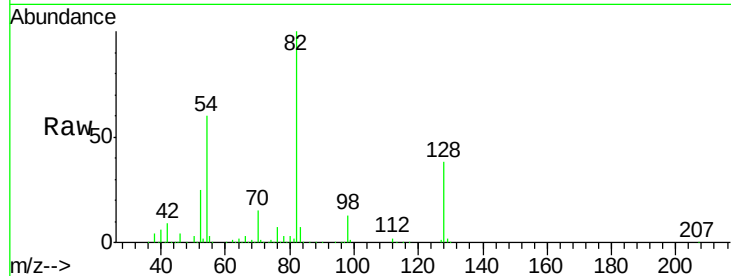




#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 9.49 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BM015837.D
 Acq: 07 Jul 2018 12:54

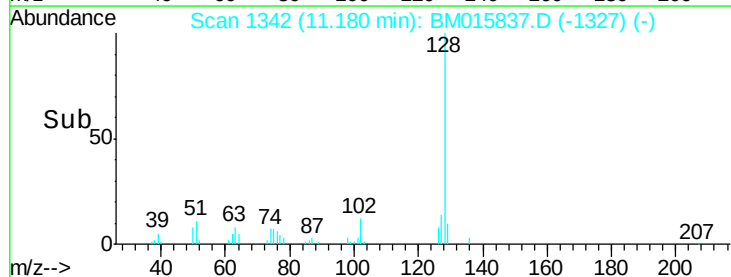
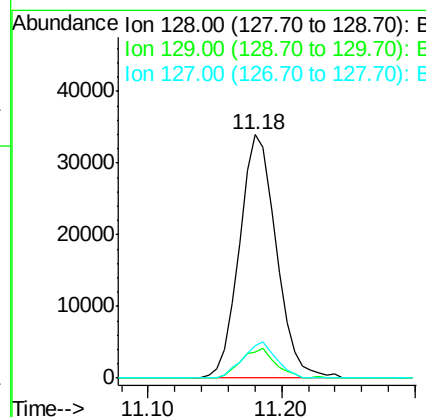
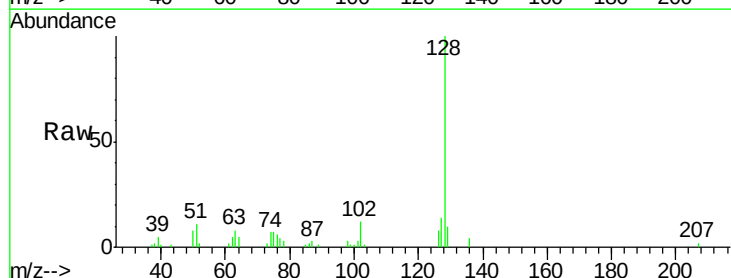
Instrument :
 BNA_M
 ClientSampleId :
 S4

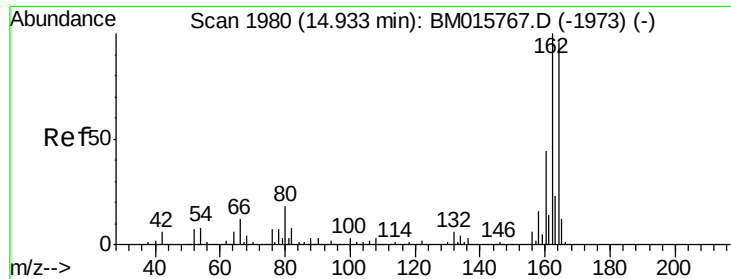
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.8	49.2
54	60.0	40.6	60.8



#31
 Naphthalene
 Concen: 3.214 ng
 RT: 11.18 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BM015837.D
 Acq: 07 Jul 2018 12:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	13.5	10.4	15.6

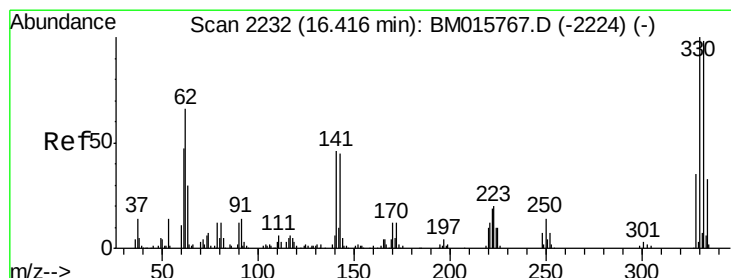
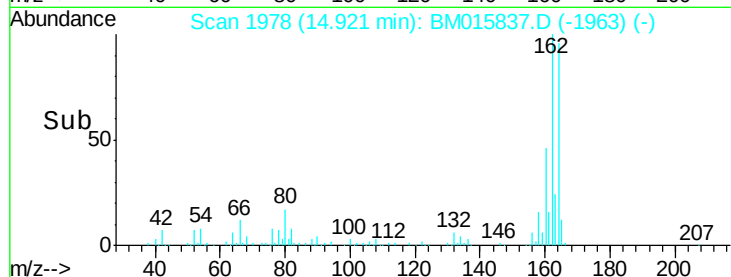
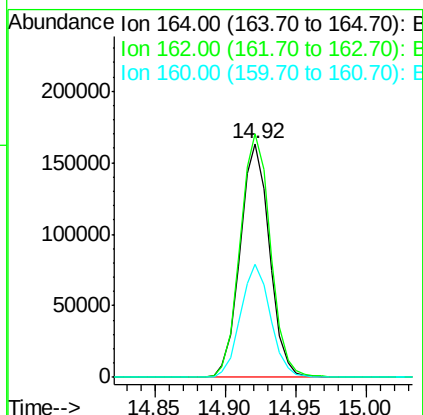
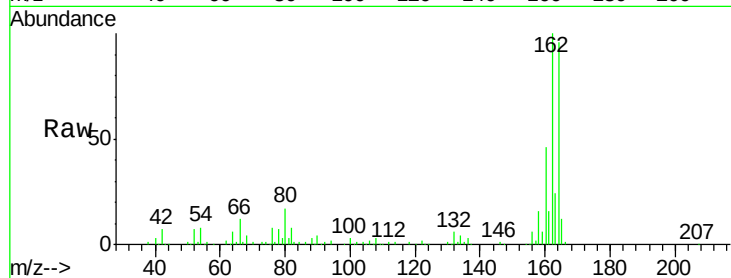




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

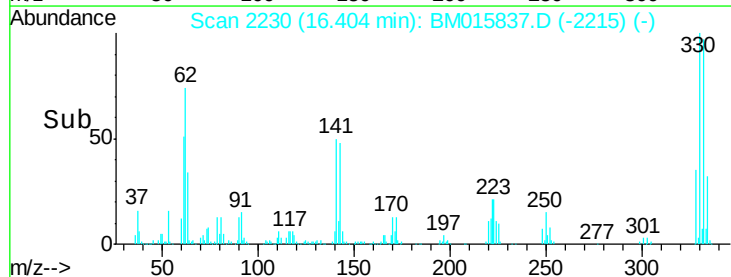
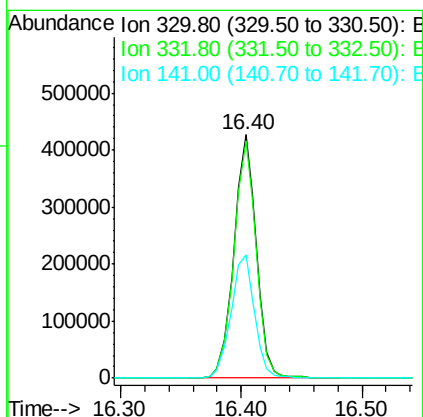
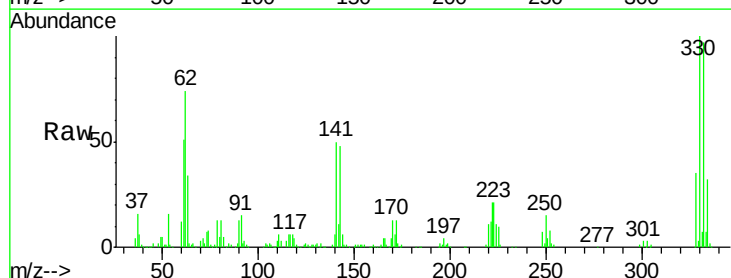
Instrument :
BNA_M
ClientSampleId :
S4

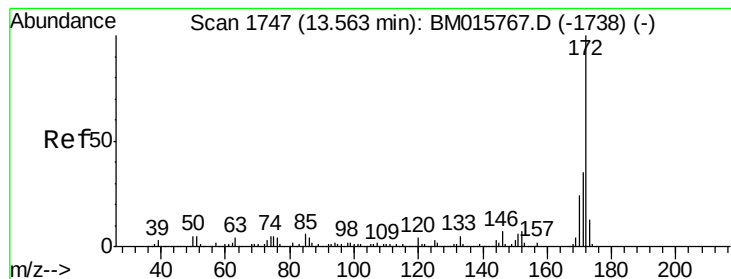
Tgt Ion:164 Resp: 238202
Ion Ratio Lower Upper
164 100
162 104.3 82.4 123.6
160 48.2 35.8 53.6



#41
2,4,6-Tribromophenol
Concen: N.D. ng
RT: 16.40 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BM015837.D
Acq: 07 Jul 2018 12:54

Tgt Ion:330 Resp: 551621
Ion Ratio Lower Upper
330 100
332 97.2 0.0 0.0#
141 53.1 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: N.D. ng

RT: 13.55 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BM015837.D

Acq: 07 Jul 2018 12:54

Instrument :

BNA_M

ClientSampleId :

S4

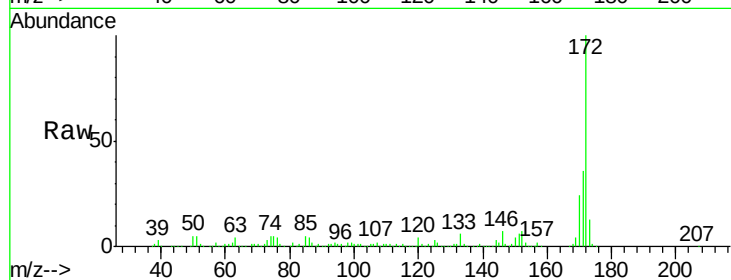
Tgt Ion:172 Resp: 1785419

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

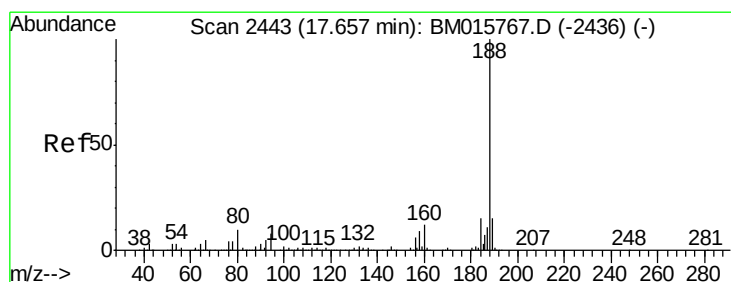
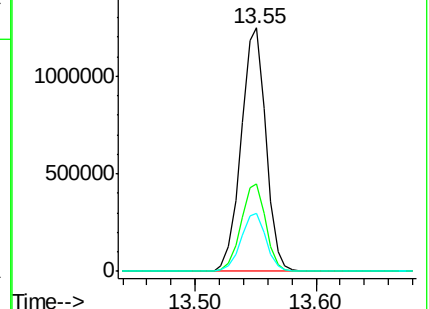
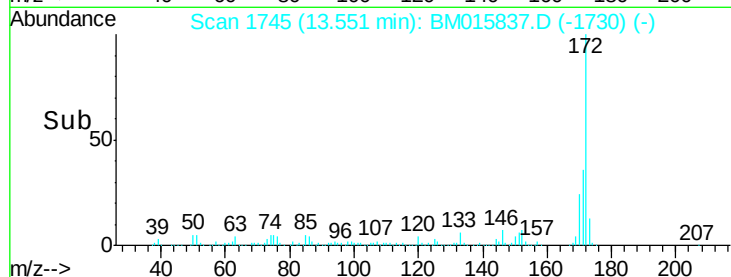
170 23.8 18.8 28.2



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: BM015837.D

Acq: 07 Jul 2018 12:54

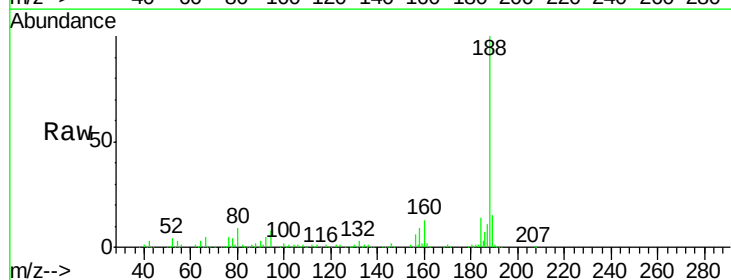
Tgt Ion:188 Resp: 580720

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

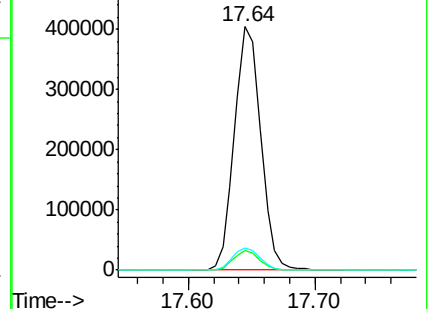
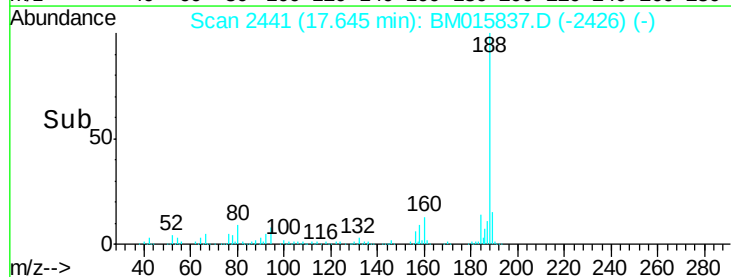
80 9.4 9.3 13.9

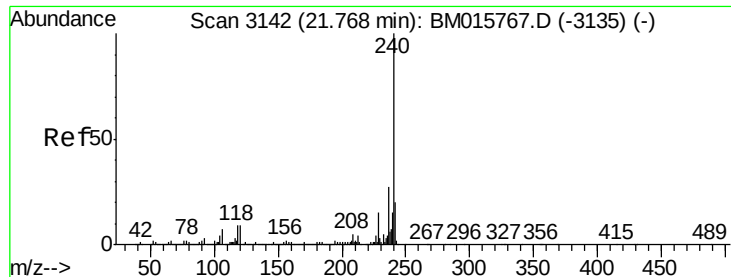


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015837.D

Acq: 07 Jul 2018 12:54

Instrument :

BNA_M

ClientSampleId :

S4

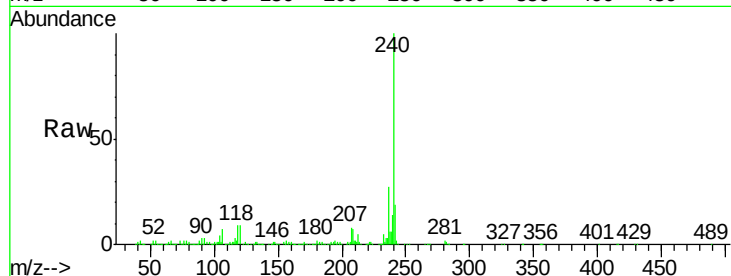
Tgt Ion:240 Resp: 606720

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

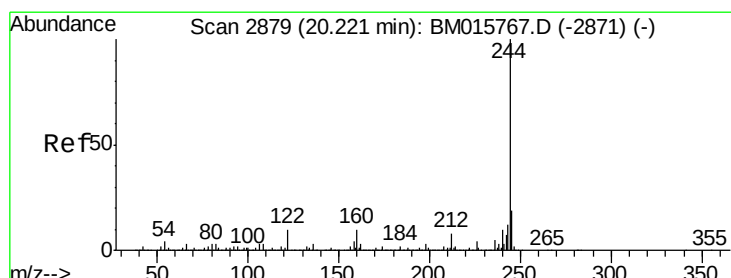
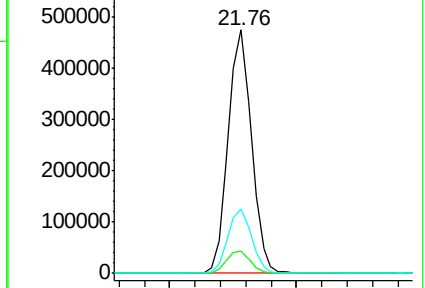
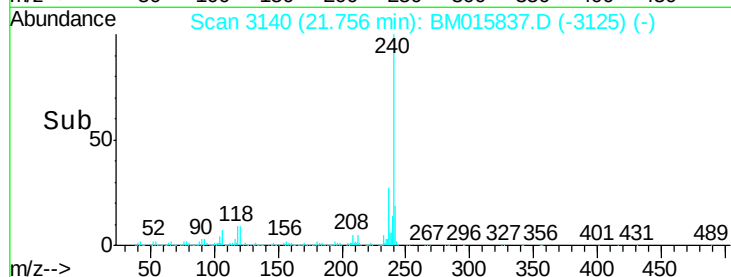
236 26.7 20.0 30.0



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: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015837.D

Acq: 07 Jul 2018 12:54

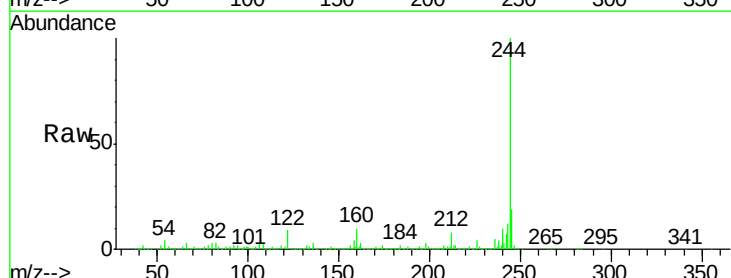
Tgt Ion:244 Resp: 3801237

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

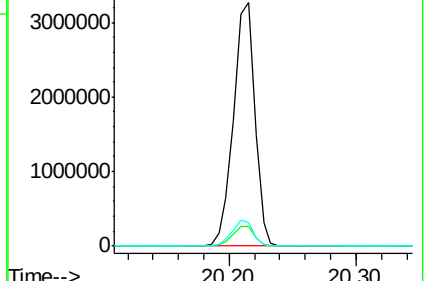
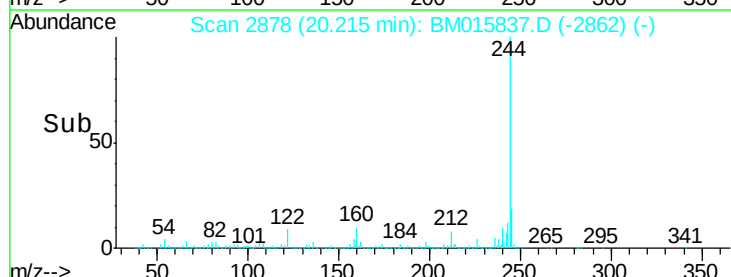
122 9.5 6.2 9.4#

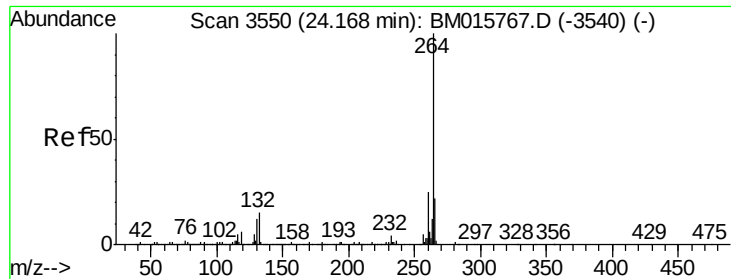


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM015837.D
Acq: 07 Jul 2018 12:54

Instrument :
BNA_M
ClientSampleId :
S4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.8	17.3	25.9

