

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015925.D
 Acq On : 12 Jul 2018 21:20
 Operator : SJ/JU
 Sample : J3952-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Jul 13 07:50:17 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

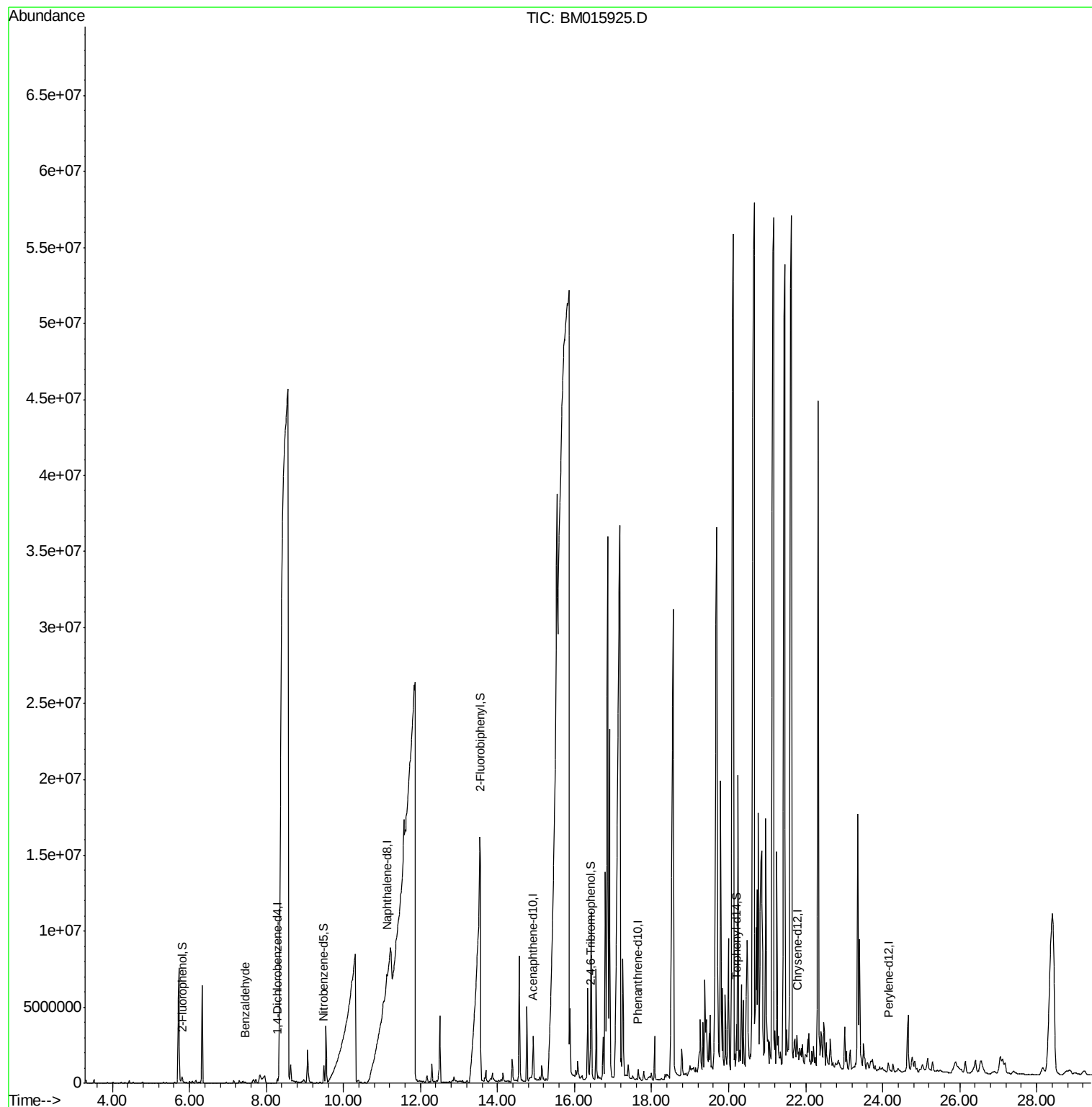
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	64745	20.00	ng	-0.03
21) Naphthalene-d8	11.12	136	377254	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	173667	20.00	ng	-0.02
63) Phenanthrene-d10	17.65	188	362062	20.00	ng	0.00
75) Chrysene-d12	21.77	240	401109	20.00	ng	0.00
86) Perylene-d12	24.14	264	390550	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	140557	37.23	ng	0.00
7) Phenol-d6	7.47	99	1614	0.31	ng	0.01
23) Nitrobenzene-d5	9.49	82	523130	67.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.41	330	190208	83.82	ng	0.00
44) 2-Fluorobiphenyl	13.54	172	1490669	106.56	ng	-0.02
78) Terphenyl-d14	20.21	244	1045165	48.33	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.45	77	11100	3.407	ng	Qvalue # 72

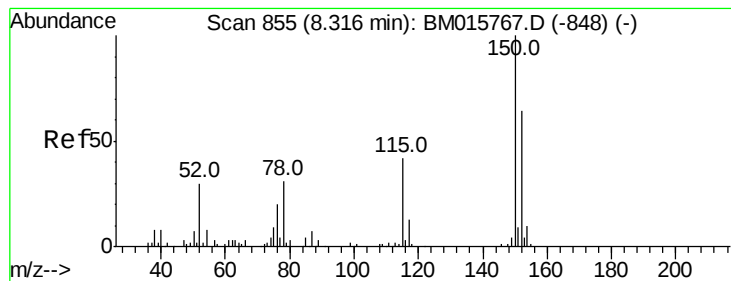
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 850

Delta R.T. -0.03 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

EFF-WW

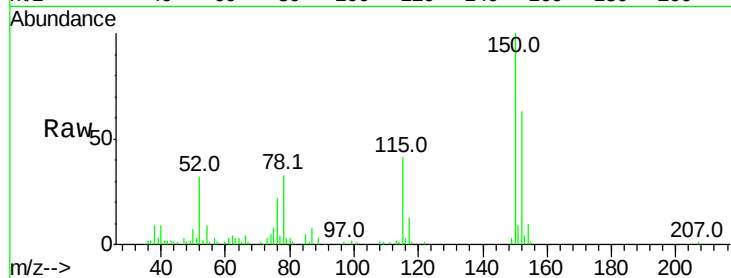
Tot Ion:152 Resp: 64745

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

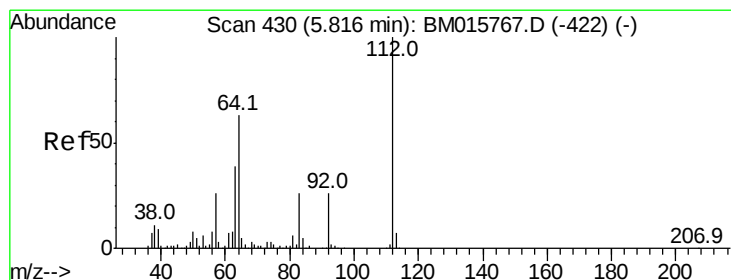
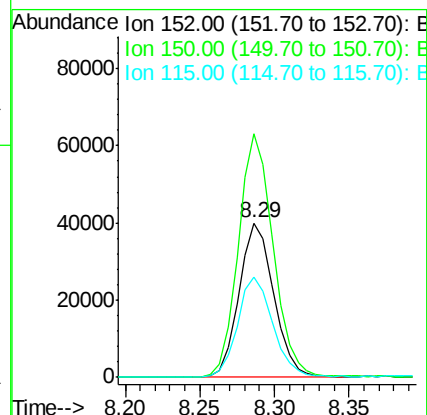
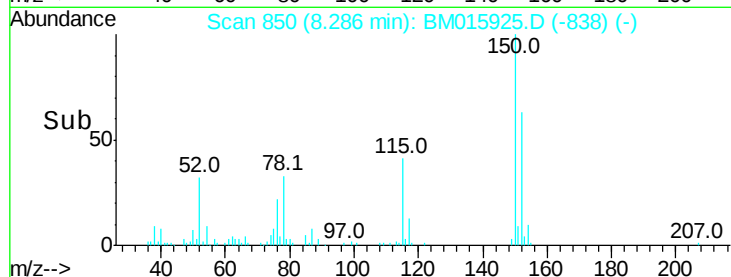
115 65.4 43.0 64.4#



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: BM015925.D

Acq: 12 Jul 2018 21:20

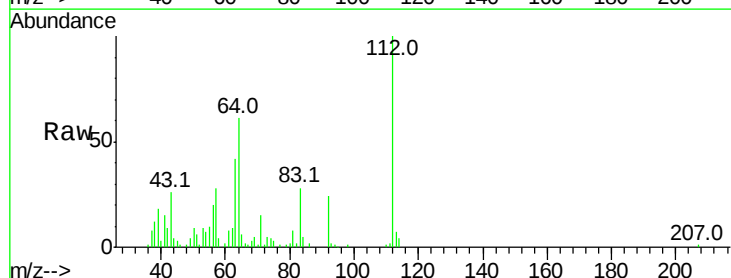
Tgt Ion:112 Resp: 140557

Ion Ratio Lower Upper

112 100

64 61.1 38.6 57.8#

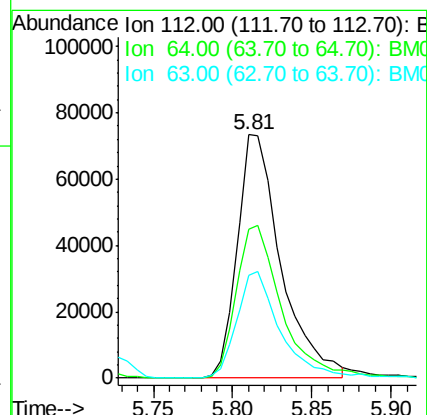
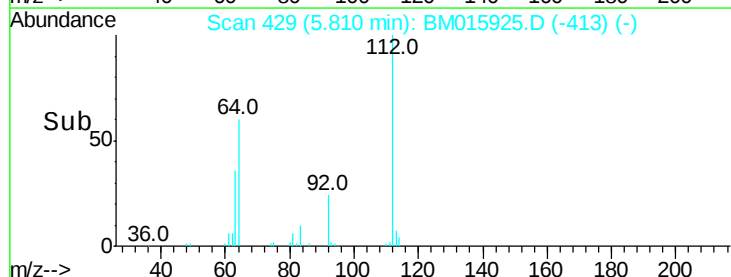
63 42.1 19.3 28.9#

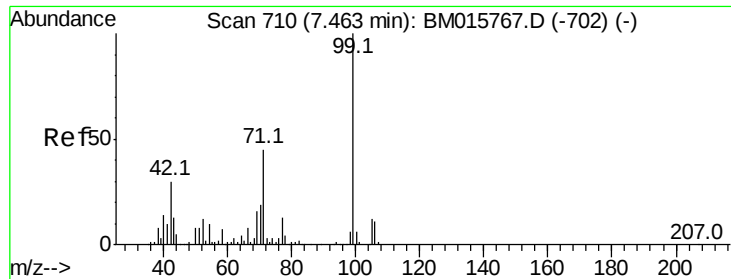


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. na

RT: 7.47 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

EFF-WW

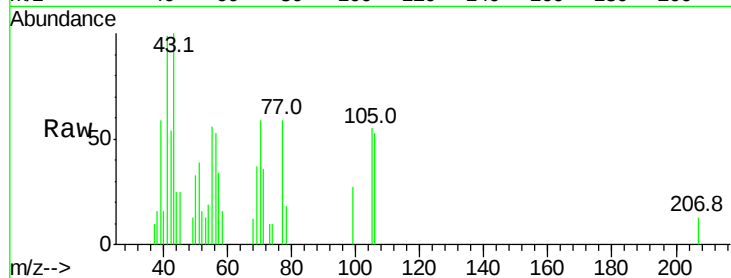
Tot Ion: 99 Resp: 1614

Ion Ratio Lower Upper

99 100

42 204.8 11.0 16.4#

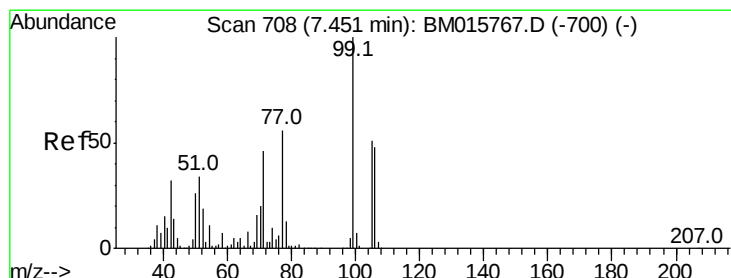
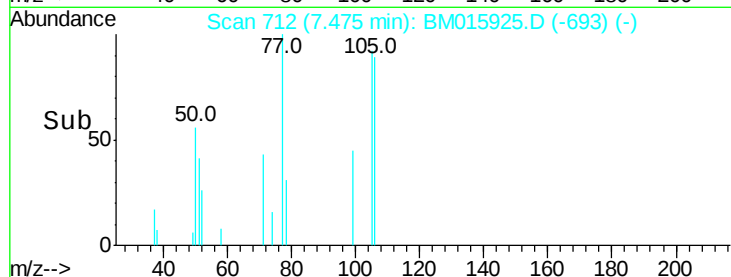
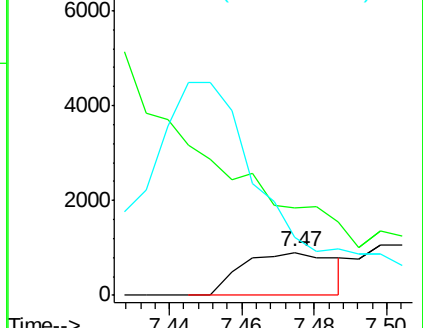
71 134.1 23.4 35.2#



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) (-)



#9

Benzaldehyde

Concen: 3.407 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

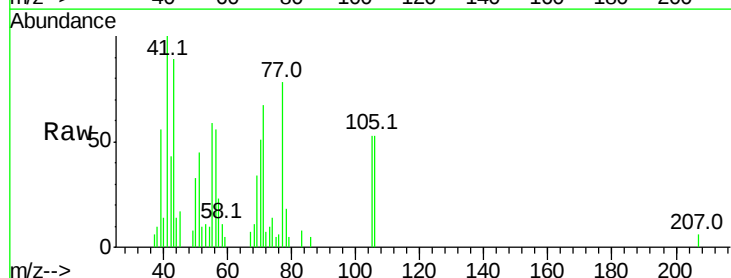
Tgt Ion: 77 Resp: 11100

Ion Ratio Lower Upper

77 100

105 68.9 78.8 118.8#

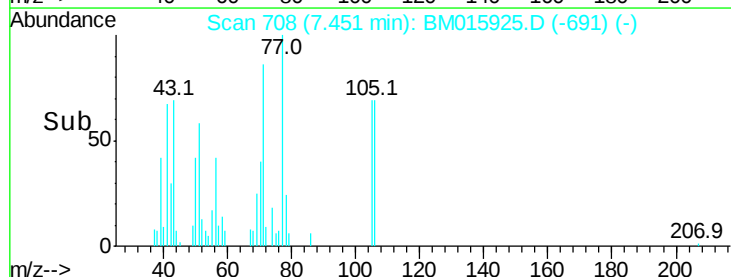
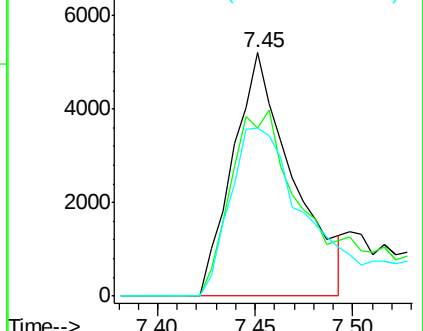
106 68.9 73.7 113.7#

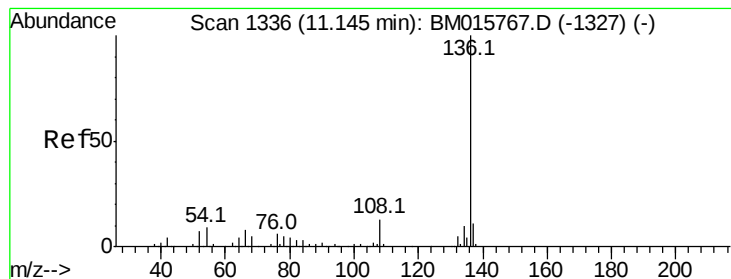


Abundance Ion 77.00 (76.70 to 77.70): BM015767.D (-700) (-)

Ion 105.00 (104.70 to 105.70): BM015767.D (-700) (-)

Ion 106.00 (105.70 to 106.70): BM015767.D (-700) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampled :

EFF-WW

Tot Ion:136 Resp: 377254

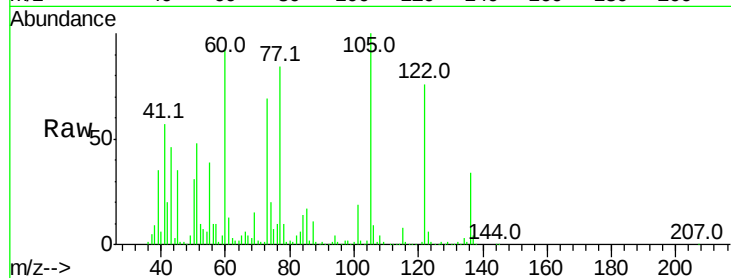
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 16.4 4.6 6.8#

68 9.5 3.7 5.5#

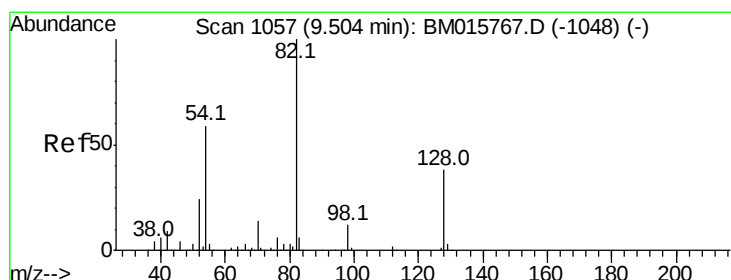
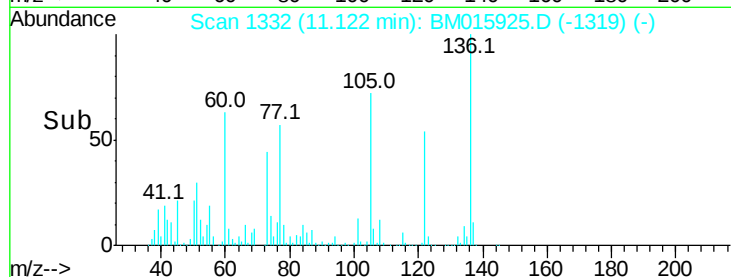
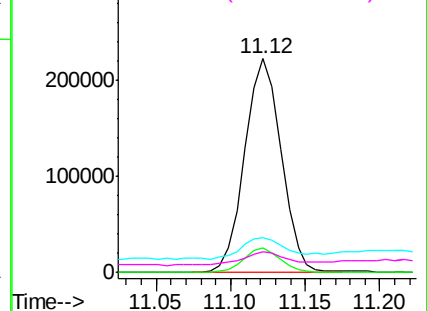


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: Below ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

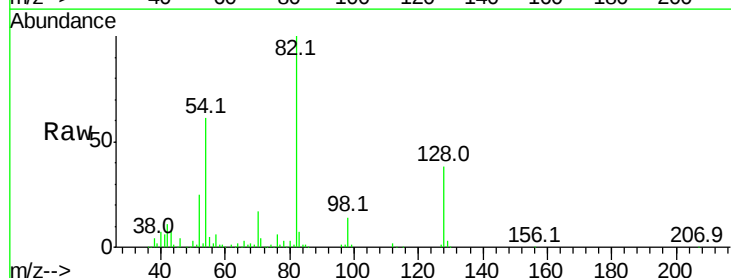
Tgt Ion: 82 Resp: 523130

Ion Ratio Lower Upper

82 100

128 37.5 32.8 49.2

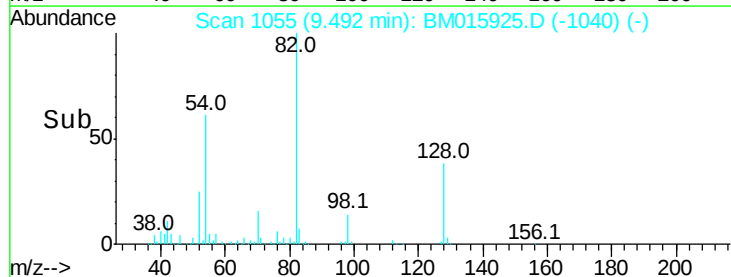
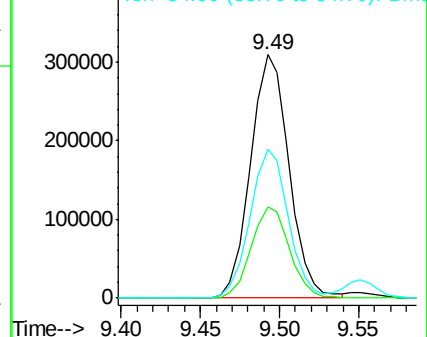
54 61.3 40.6 60.8#

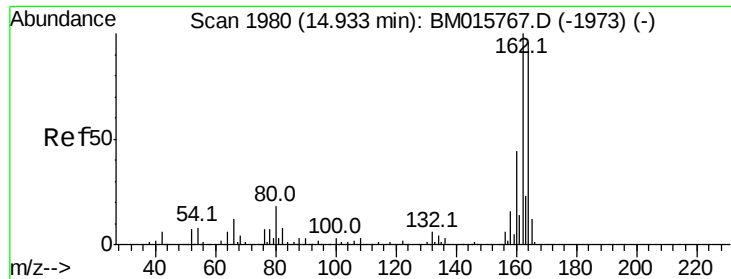


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

EFF-WW

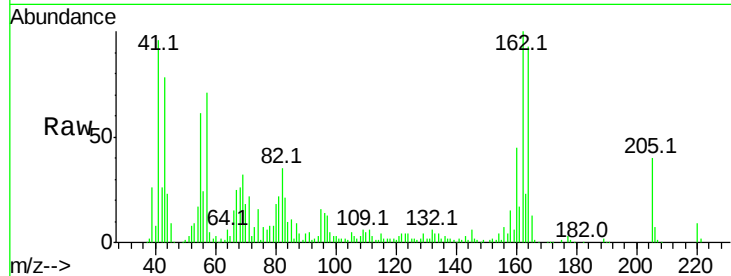
Tot Ion:164 Resp: 173667

Ion Ratio Lower Upper

164 100

162 107.5 82.4 123.6

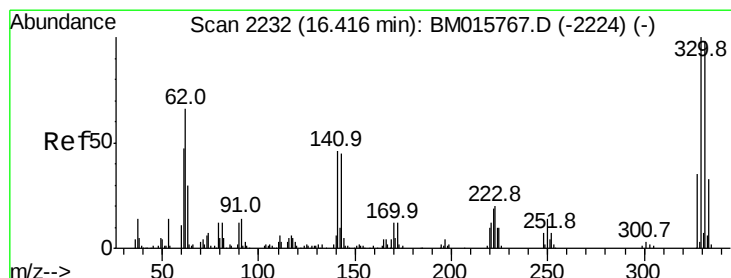
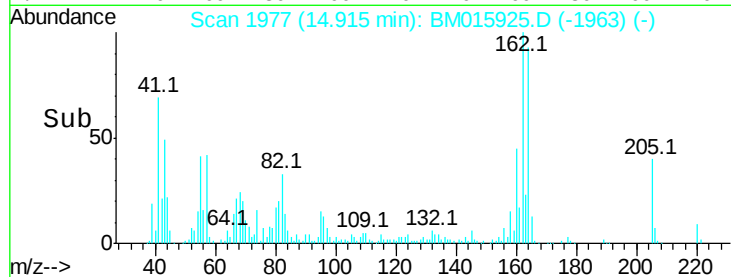
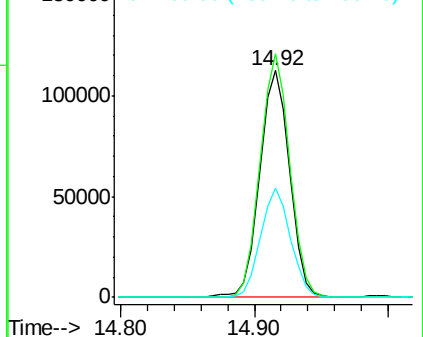
160 48.3 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.41 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

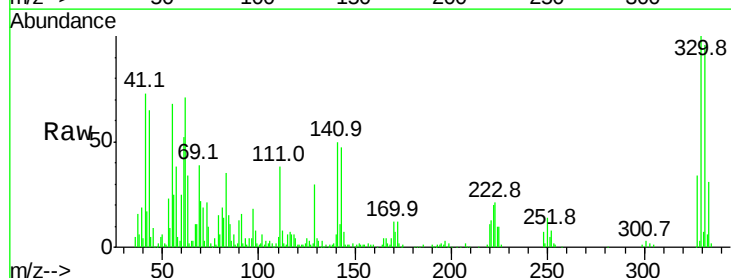
Tgt Ion:330 Resp: 190208

Ion Ratio Lower Upper

330 100

332 97.3 0.0 0.0#

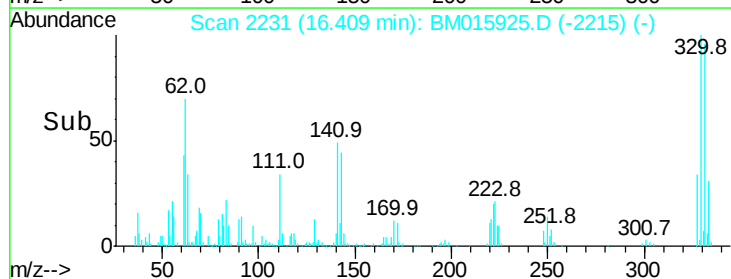
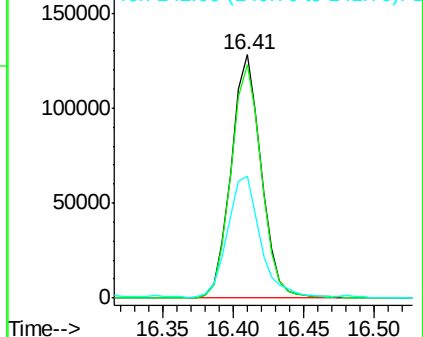
141 53.4 0.0 0.0#

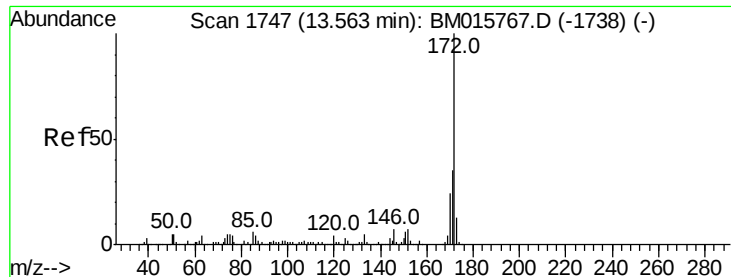


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

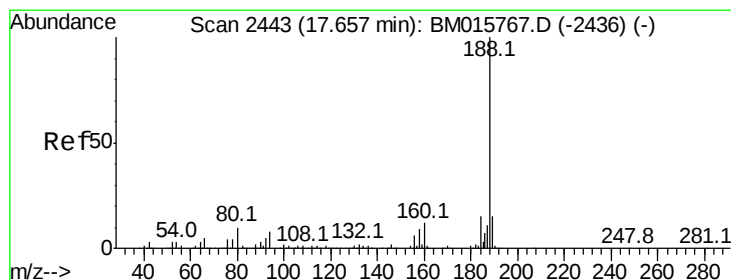
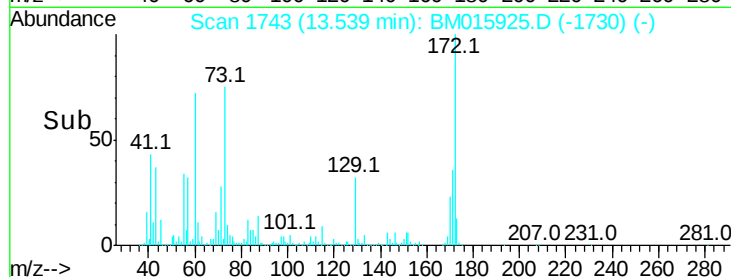
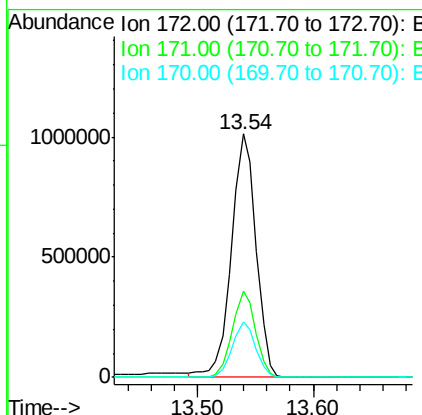
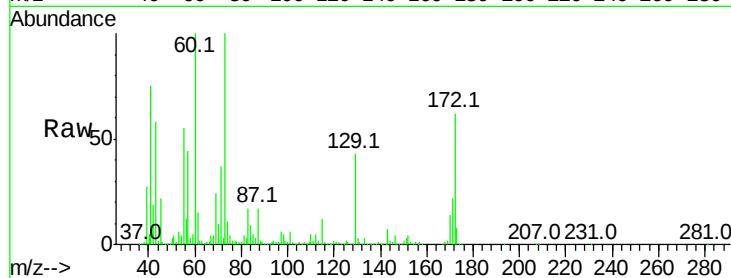




#44
2-Fluorobiphenyl
Concen: Below na
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

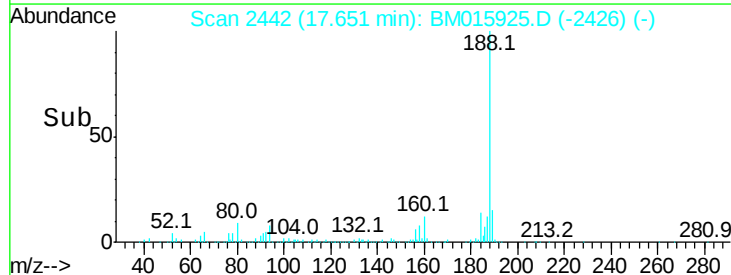
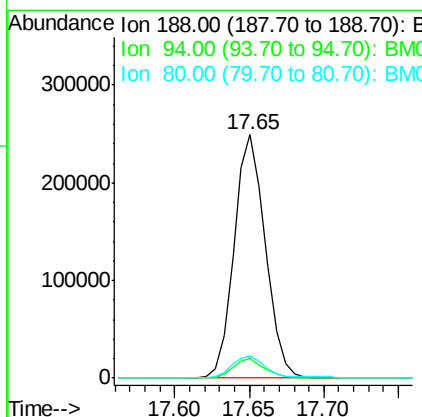
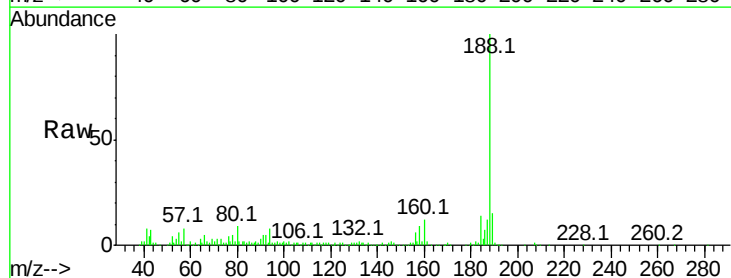
Instrument :
BNA_M
ClientSampleId :
EFF-WW

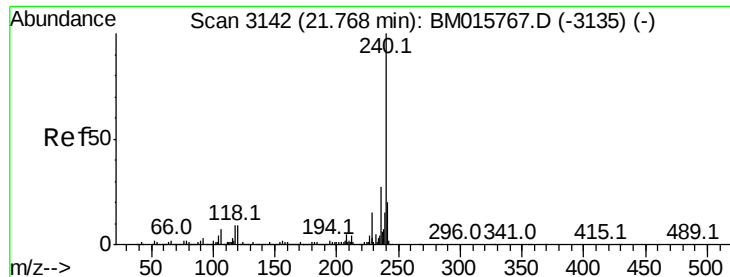
Tot Ion:172 Resp: 1490669
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.0 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Tgt Ion:188 Resp: 362062
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 9.2 9.3 13.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

Instrument :

BNA_M

ClientSampleId :

EFF-WW

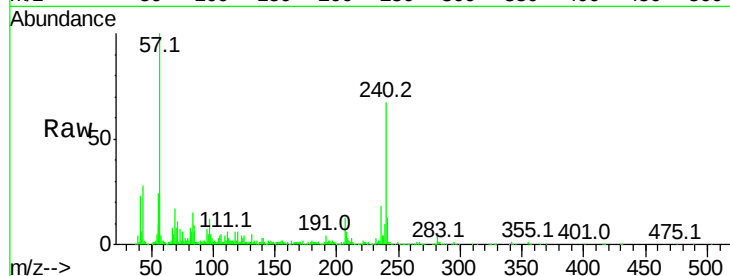
Tot Ion:240 Resp: 401109

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

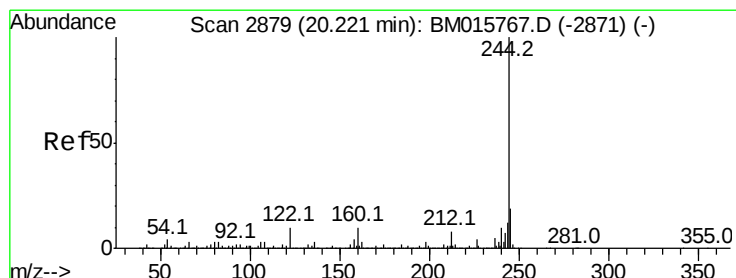
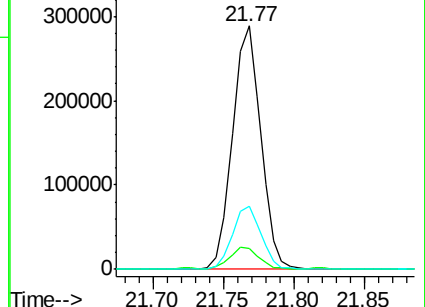
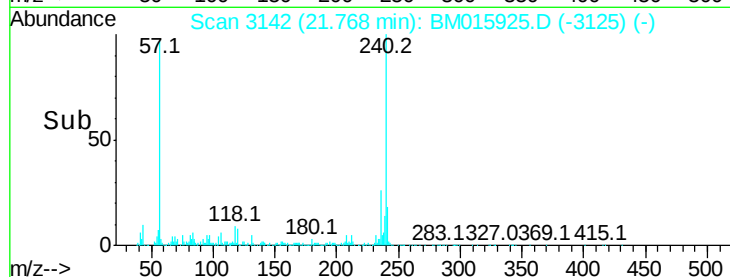
236 26.1 20.0 30.0



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: 20.21 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM015925.D

Acq: 12 Jul 2018 21:20

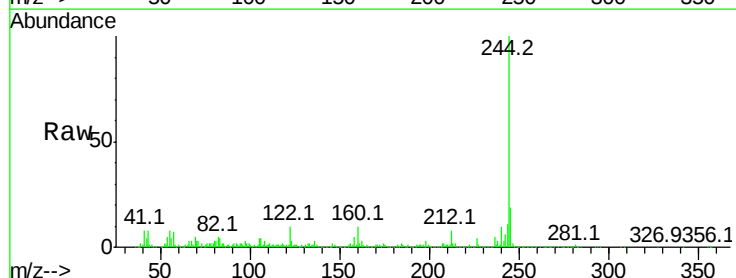
Tgt Ion:244 Resp: 1045165

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

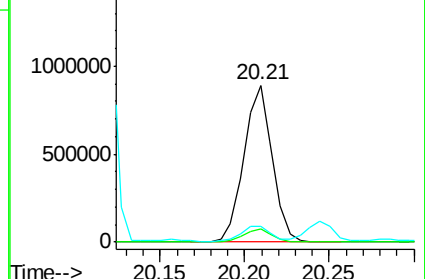
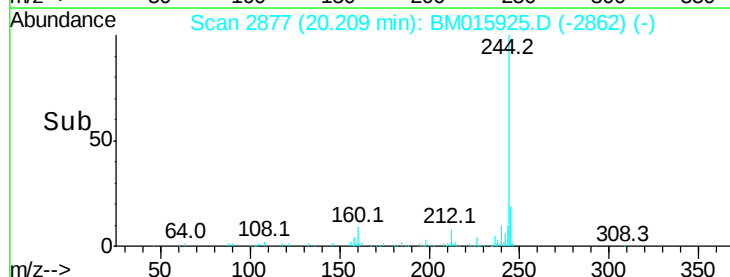
122 9.7 6.2 9.4#

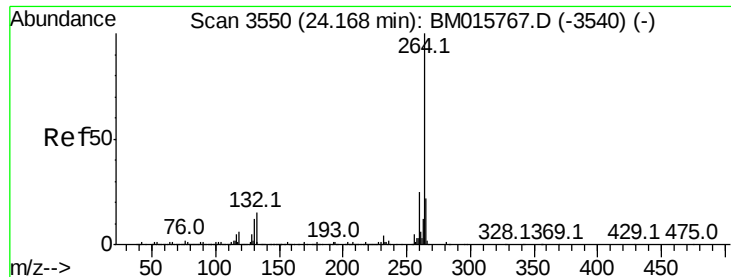


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

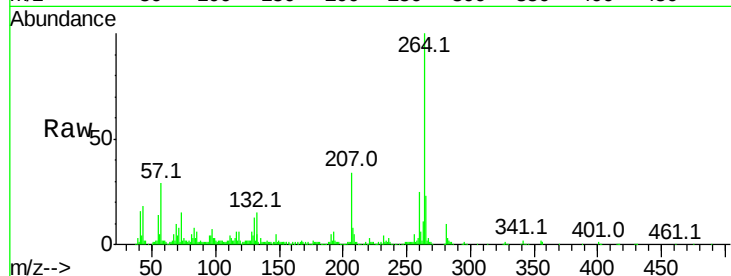




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BM015925.D
Acq: 12 Jul 2018 21:20

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.7	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

