

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
 Data File : BM015888.D
 Acq On : 11 Jul 2018 14:39
 Operator : SJ/JU
 Sample : J3925-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Jul 11 15:14:21 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

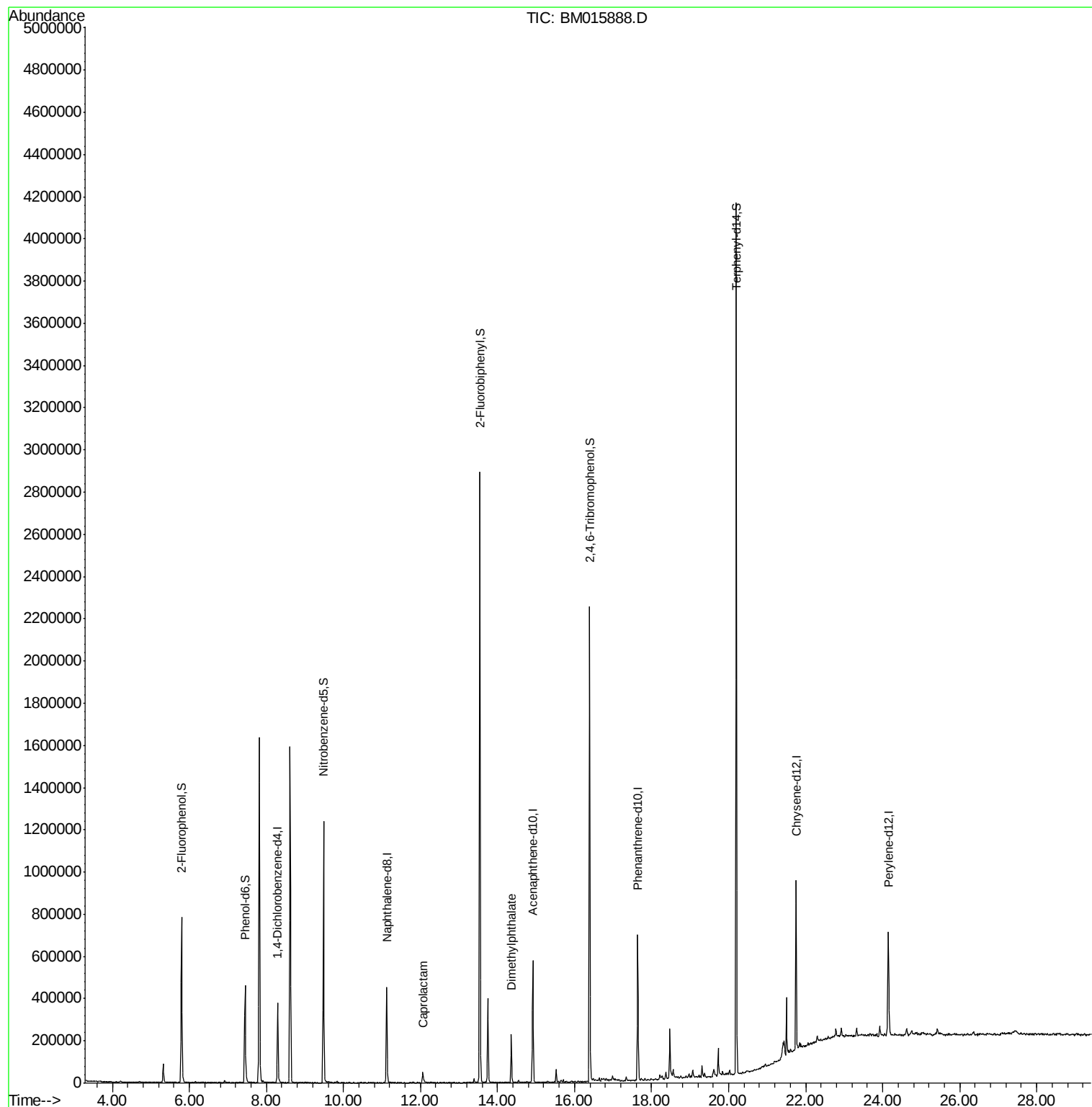
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	85517	20.00	ng	-0.02
21) Naphthalene-d8	11.12	136	335132	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	172088	20.00	ng	-0.02
63) Phenanthrene-d10	17.64	188	357524	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	334470	20.00	ng	-0.02
86) Perylene-d12	24.14	264	337551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	287137	57.58	ng	-0.02
7) Phenol-d6	7.45	99	219134	32.10	ng	-0.02
23) Nitrobenzene-d5	9.48	82	624425	90.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.39	330	284411	126.49	ng	-0.02
44) 2-Fluorobiphenyl	13.54	172	1224344	88.33	ng	-0.02
78) Terphenyl-d14	20.20	244	1537953	85.29	ng	-0.02
Target Compounds						
35) Caprolactam	12.06	113	7975	4.964	ng	# 80
49) Dimethylphthalate	14.36	163	126075	8.307	ng	# 97

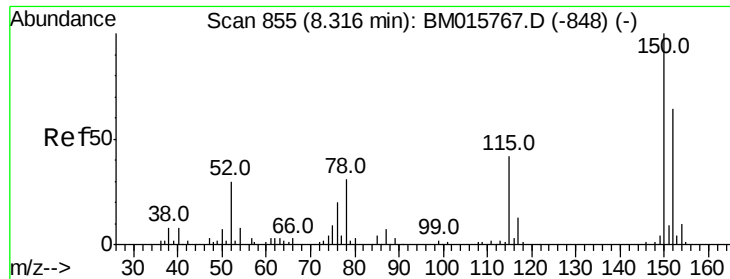
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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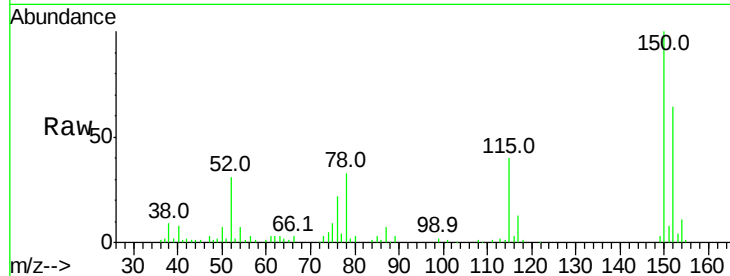


#1

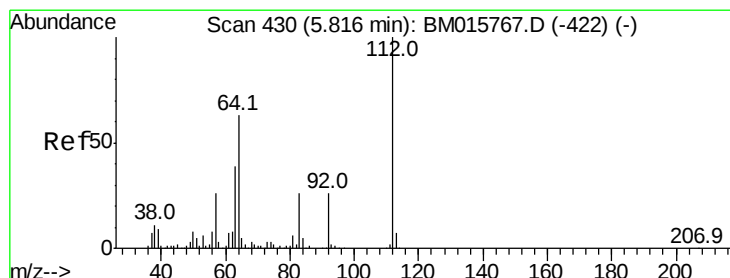
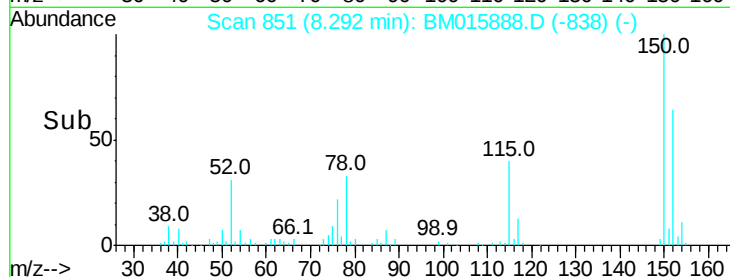
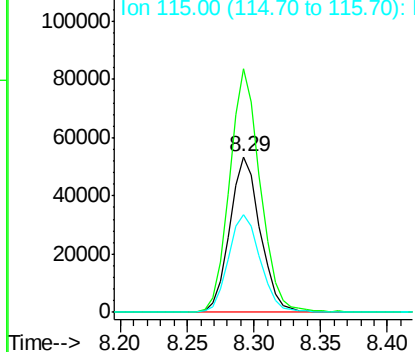
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tot Ion:152 Resp: 85517
Ion Ratio Lower Upper
152 100
150 156.7 119.5 179.3
115 62.6 43.0 64.4



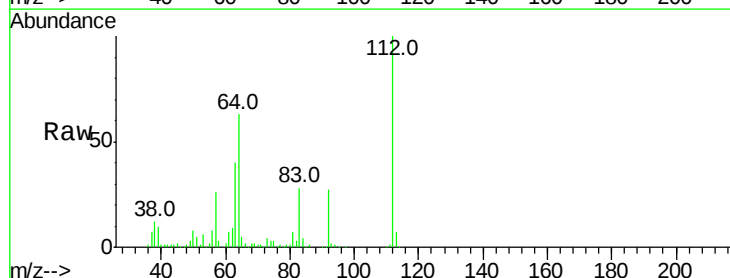
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



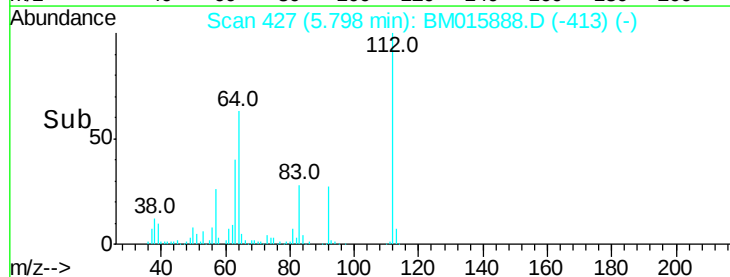
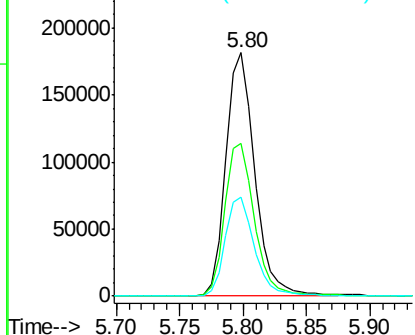
#5

2-Fluorophenol
Concen: Below ng
RT: 5.80 min Scan# 427
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:112 Resp: 287137
Ion Ratio Lower Upper
112 100
64 62.7 38.6 57.8#
63 40.5 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: 7.45 min Scan# 707

Delta R.T. -0.02 min

Lab File: BM015888.D

Acq: 11 Jul 2018 14:39

Instrument :

BNA_M

ClientSampleId :

MW-3

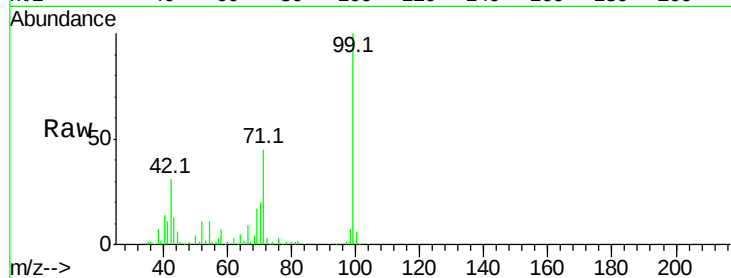
Tot Ion: 99 Resp: 219134

Ion Ratio Lower Upper

99 100

42 31.0 11.0 16.4#

71 44.8 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) (-)

7.45

150000

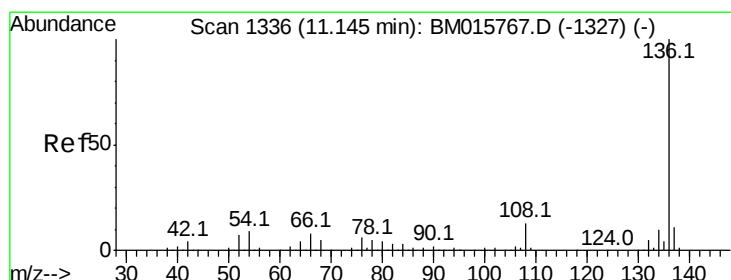
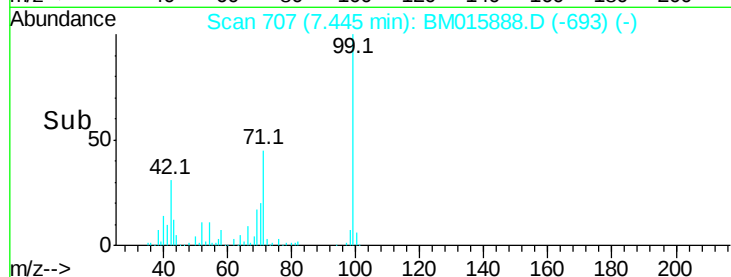
100000

50000

0

7.35 7.40 7.45 7.50 7.55

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.12 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BM015888.D

Acq: 11 Jul 2018 14:39

Tgt Ion: 136 Resp: 335132

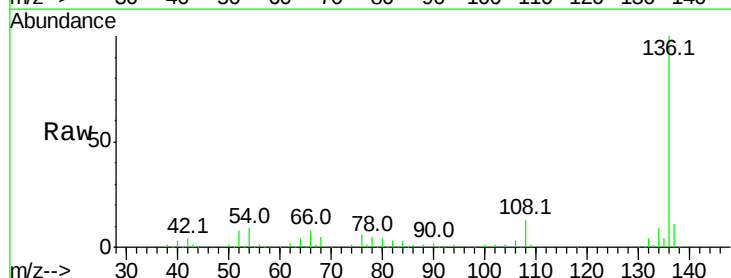
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.3 4.6 6.8#

68 4.8 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) (-)

11.12

300000

250000

200000

150000

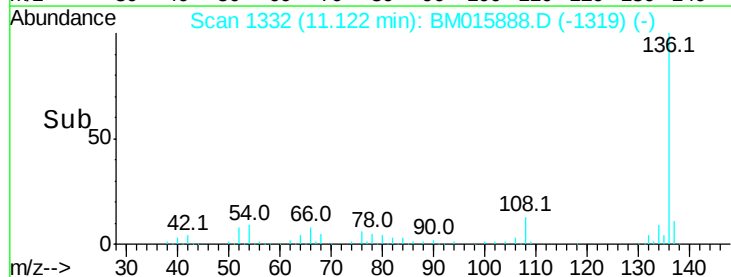
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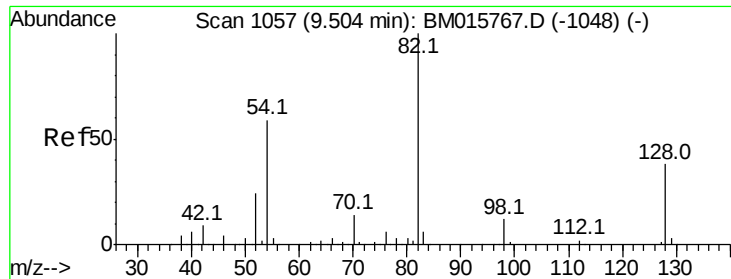
50000

0

11.10 11.20

Time-->

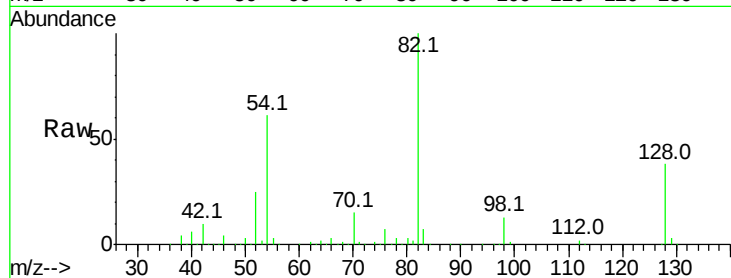




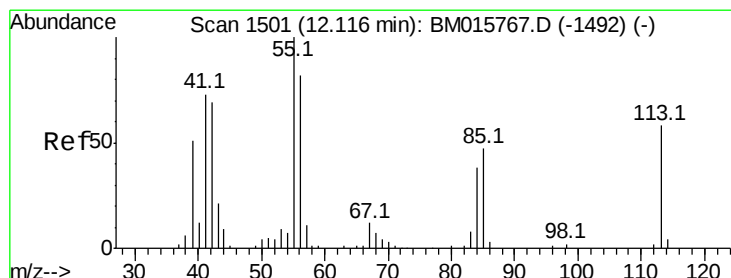
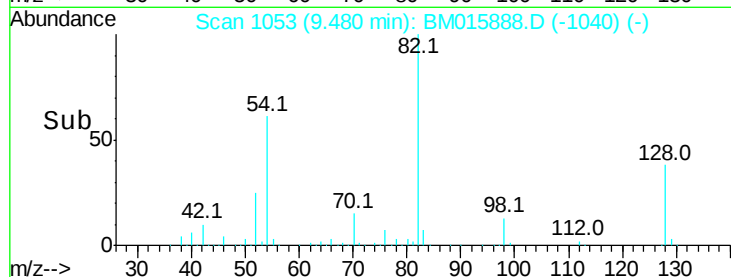
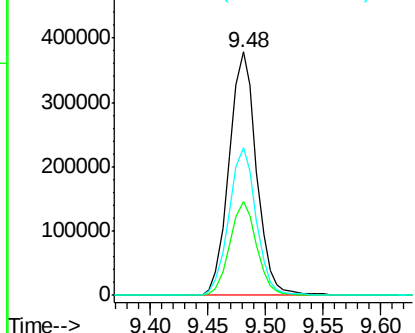
#23
Nitrobenzene-d5
Concen: N.D. na
RT: 9.48 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Instrument :
BNA_M
ClientSampleId :
MW-3

Tot Ion: 82 Resp: 624425
Ion Ratio Lower Upper
82 100
128 38.5 32.8 49.2
54 60.8 40.6 60.8

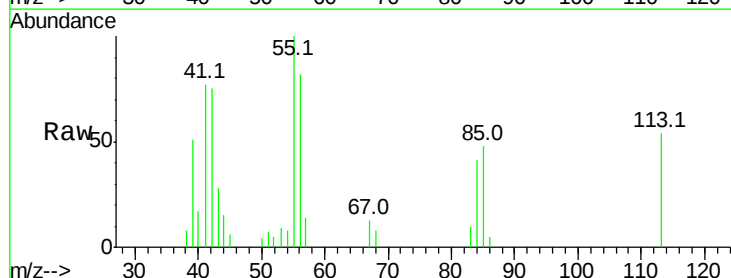


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1048) (-)
Ion 128.00 (127.70 to 128.70): BM015767.D (-1048) (-)
Ion 54.00 (53.70 to 54.70): BM015767.D (-1048) (-)

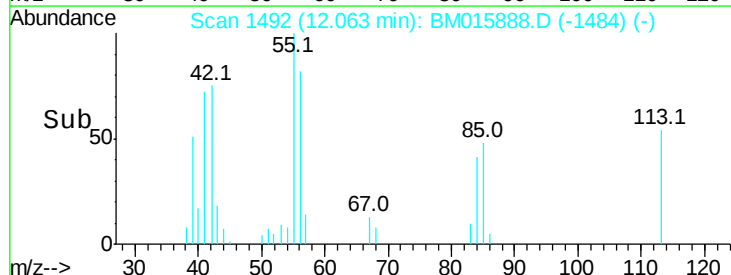
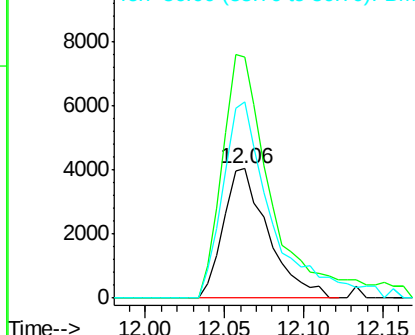


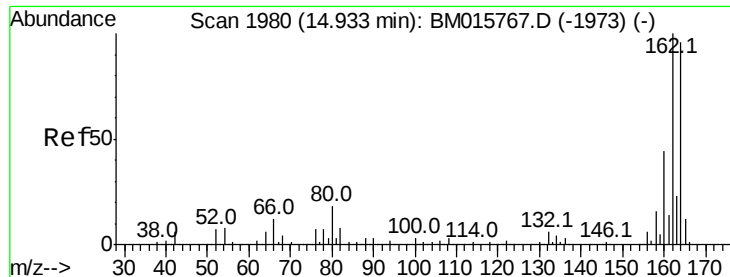
#35
Caprolactam
Concen: 4.964 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.05 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion: 113 Resp: 7975
Ion Ratio Lower Upper
113 100
55 186.1 145.9 185.9#
56 152.1 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): BM015767.D (-1492) (-)
Ion 55.00 (54.70 to 55.70): BM015767.D (-1492) (-)
Ion 56.00 (55.70 to 56.70): BM015767.D (-1492) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BM015888.D

Acq: 11 Jul 2018 14:39

Instrument :

BNA_M

ClientSampleId :

MW-3

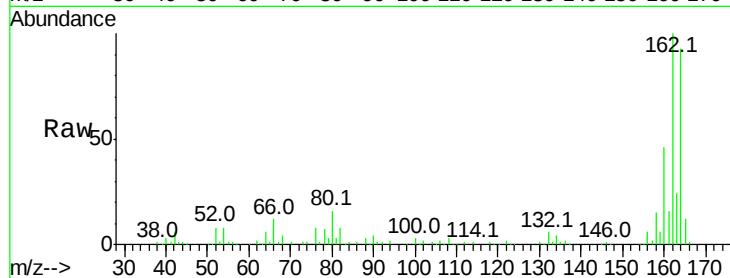
Tot Ion:164 Resp: 172088

Ion Ratio Lower Upper

164 100

162 107.1 82.4 123.6

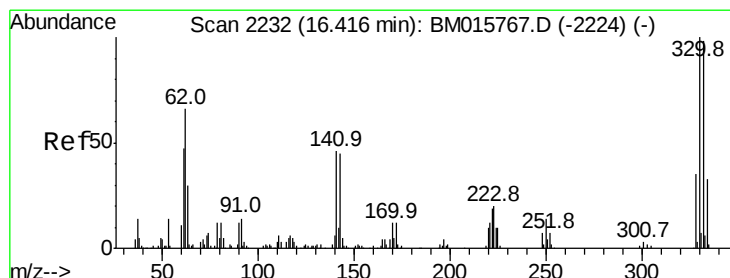
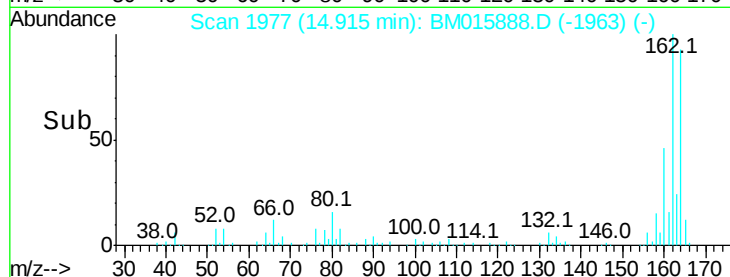
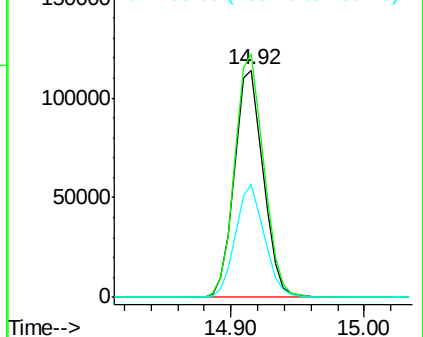
160 49.6 35.8 53.6



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: 16.39 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BM015888.D

Acq: 11 Jul 2018 14:39

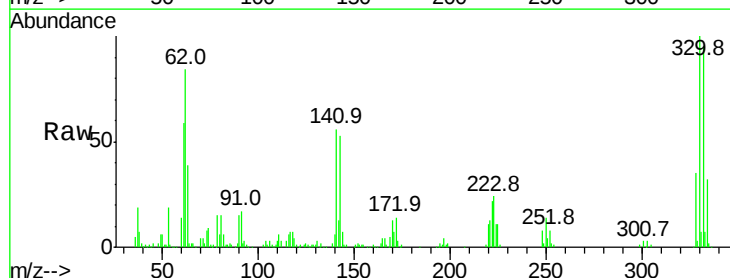
Tgt Ion:330 Resp: 284411

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

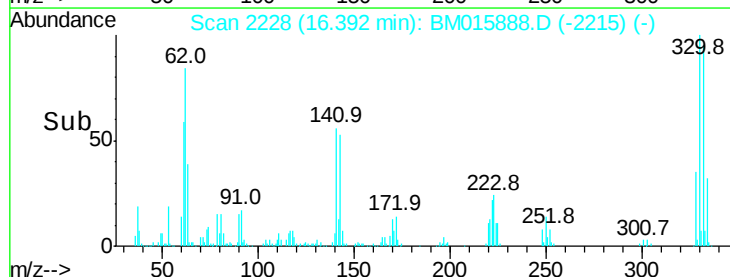
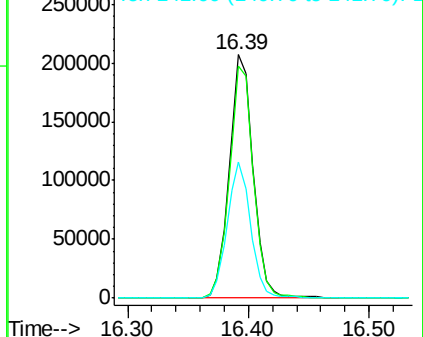
141 55.3 0.0 0.0#

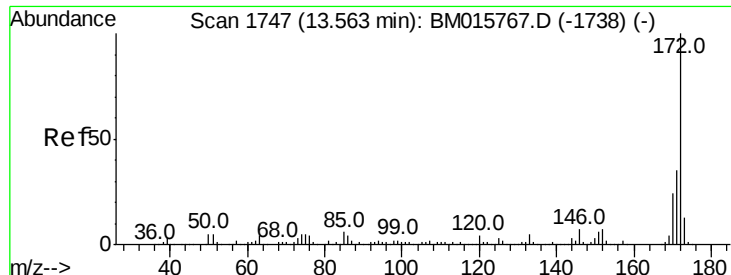


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

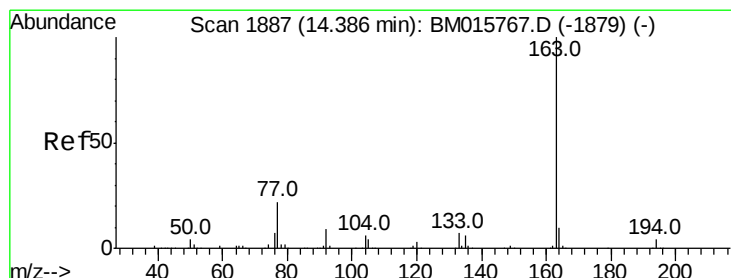
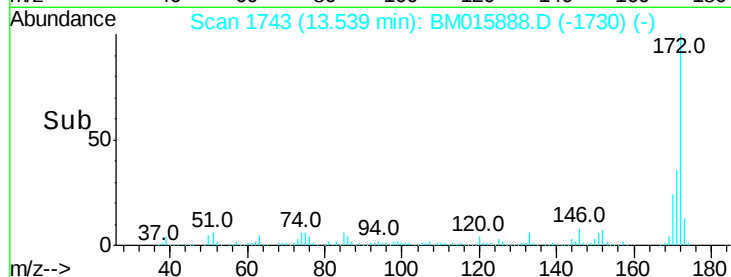
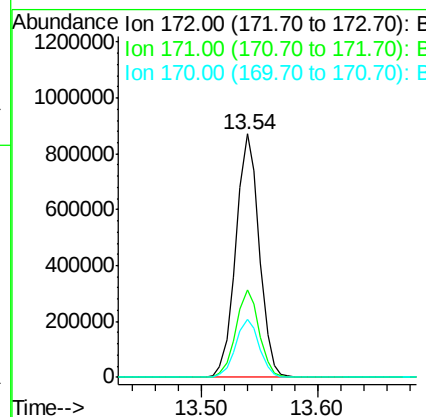
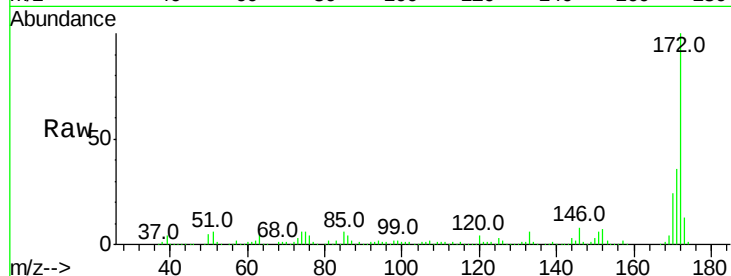




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.54 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

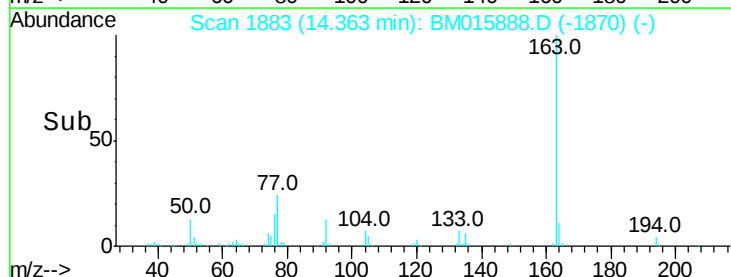
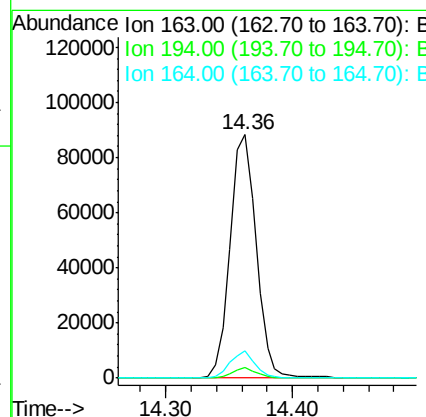
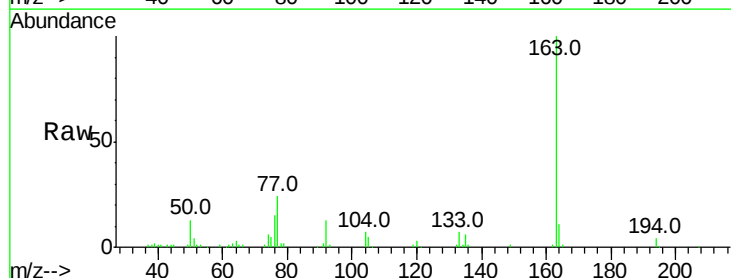
Instrument :
BNA_M
ClientSampleId :
MW-3

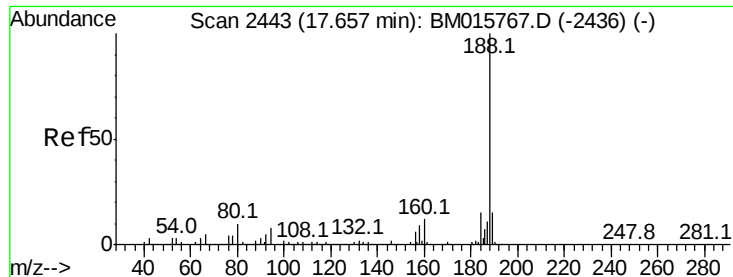
Tot Ion:172 Resp: 1224344
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.9 18.8 28.2



#49
Dimethylphthalate
Concen: 8.307 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:163 Resp: 126075
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 11.2 8.2 12.2

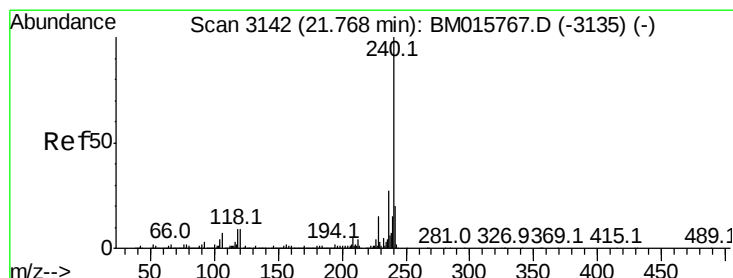
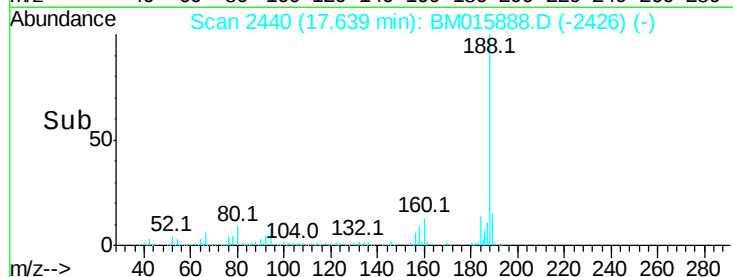
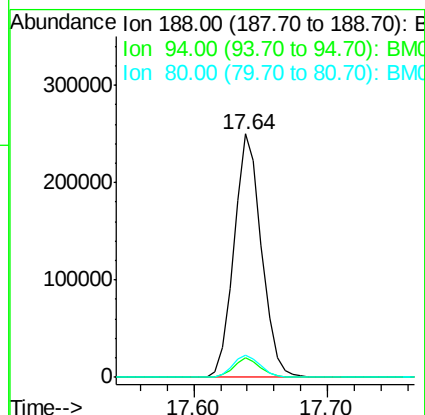
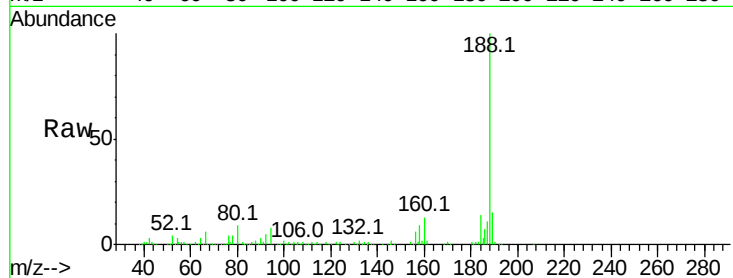




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

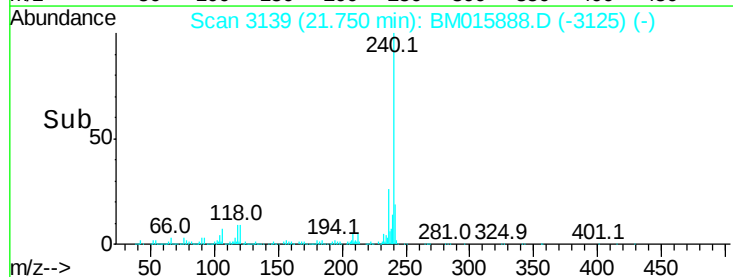
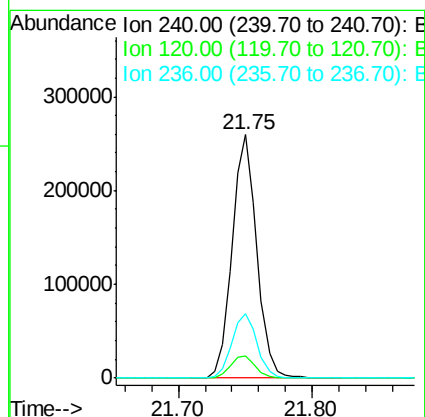
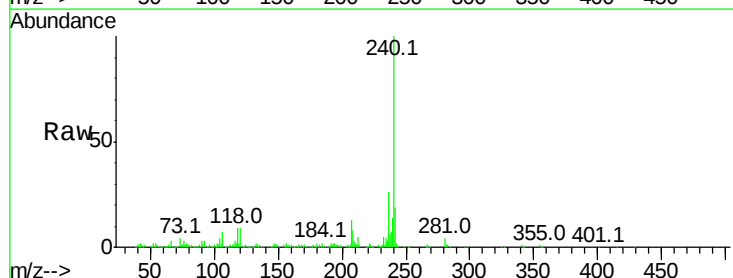
Instrument :
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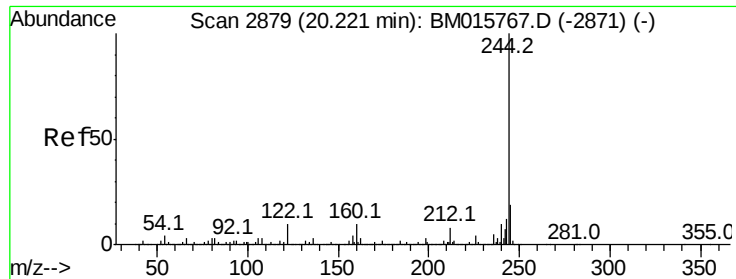
Tot Ion:188 Resp: 357524
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 9.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BM015888.D
Acq: 11 Jul 2018 14:39

Tgt Ion:240 Resp: 334470
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 26.5 20.0 30.0

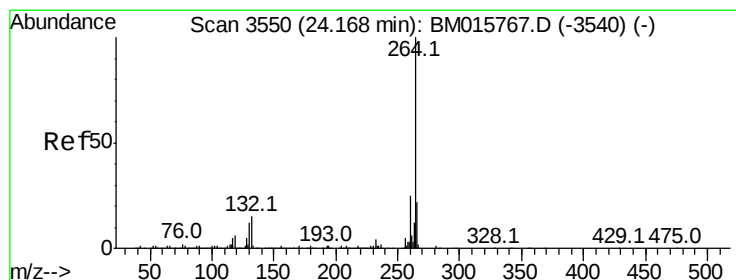
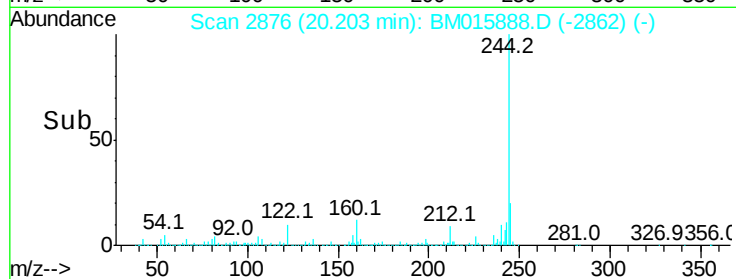
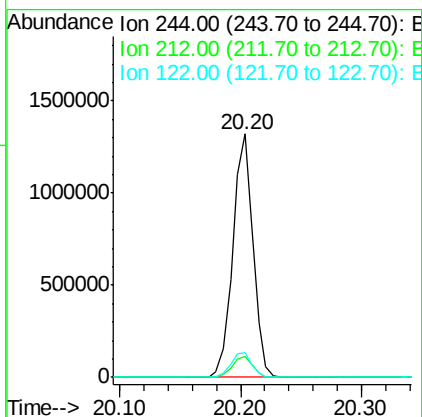
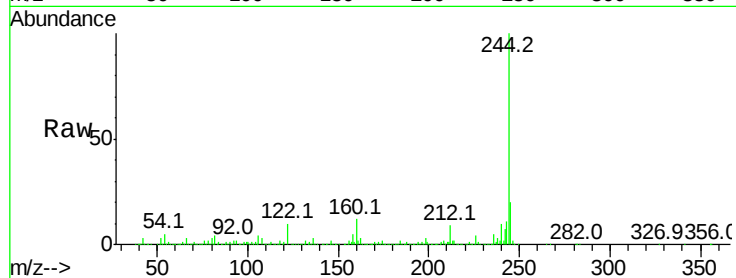




#78
 Terphenyl-d14
 Concen: Below na
 RT: 20.20 min Scan# 2876
 Delta R.T. -0.02 min
 Lab File: BM015888.D
 Acq: 11 Jul 2018 14:39

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Tot Ion:244 Resp: 1537953
 Ion Ratio Lower Upper
 244 100
 212 8.7 4.9 7.3#
 122 10.0 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.14 min Scan# 3546
 Delta R.T. -0.02 min
 Lab File: BM015888.D
 Acq: 11 Jul 2018 14:39

Tgt Ion:264 Resp: 337551
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 27.8
 265 22.3 17.3 25.9

