

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
 Data File : BM018768.D
 Acq On : 11 Feb 2019 21:28
 Operator : JU/SJ
 Sample : K1449-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-11-OW

Quant Time: Feb 12 07:48:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

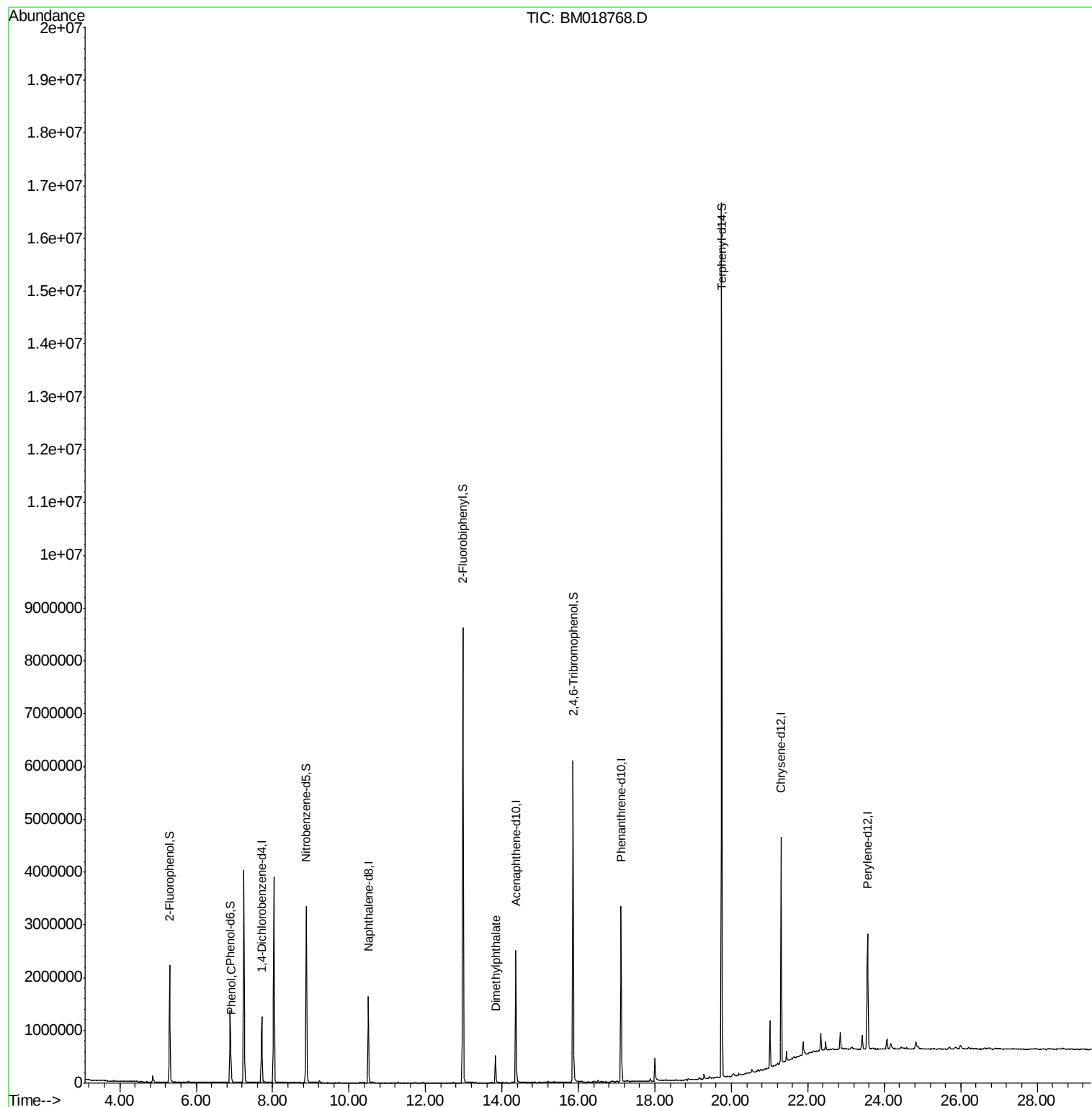
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	329780	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1330263	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	787486	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1849996	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1820383	20.00	ng	0.00
87) Perylene-d12	23.56	264	1547891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	889609	44.20	ng	0.00
7) Phenol-d6	6.89	99	768098	27.09	ng	0.00
23) Nitrobenzene-d5	8.88	82	2129123	74.01	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	1115108	98.24	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4332771	73.04	ng	0.00
79) Terphenyl-d14	19.74	244	7264680	82.32	ng	0.00
Target Compounds						
10) Phenol	6.92	94	182345	6.112	ng	97
50) Dimethylphthalate	13.83	163	335239	5.108	ng	99

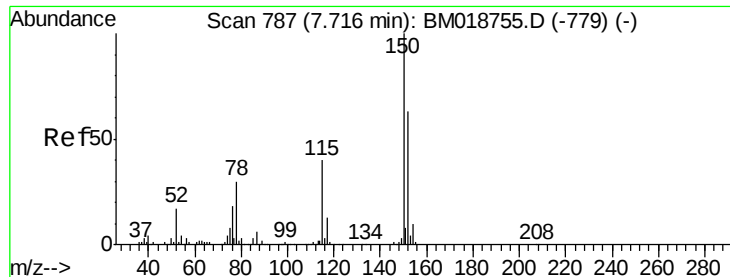
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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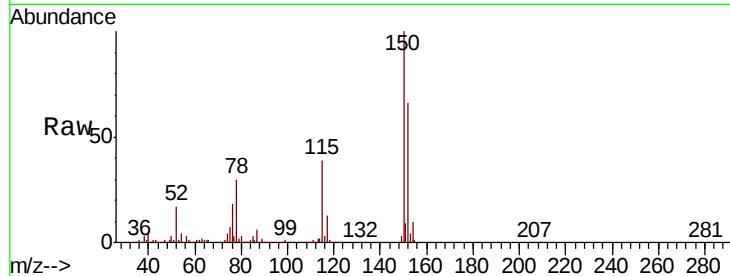


#1

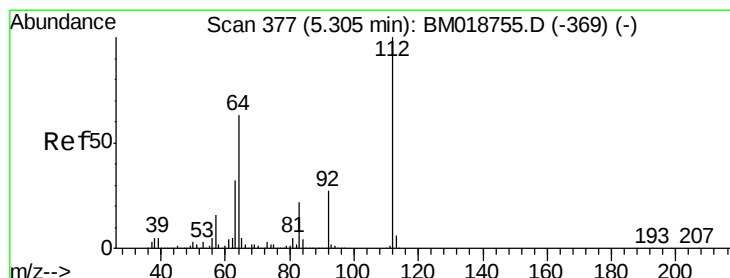
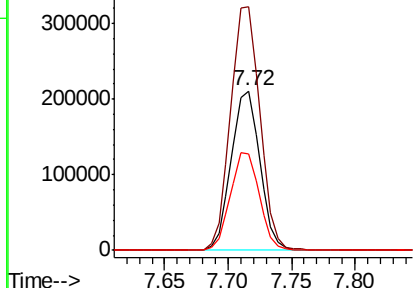
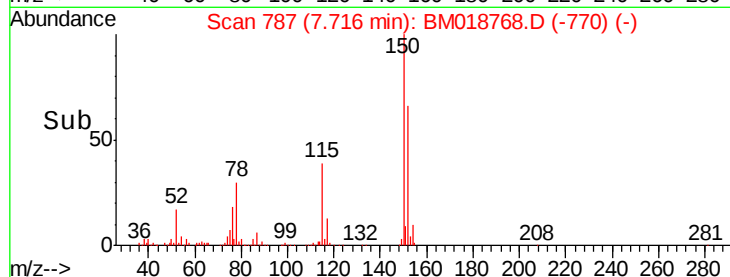
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tot Ion:152 Resp: 329780
Ion Ratio Lower Upper
152 100
150 152.5 127.3 190.9
115 60.2 50.8 76.2



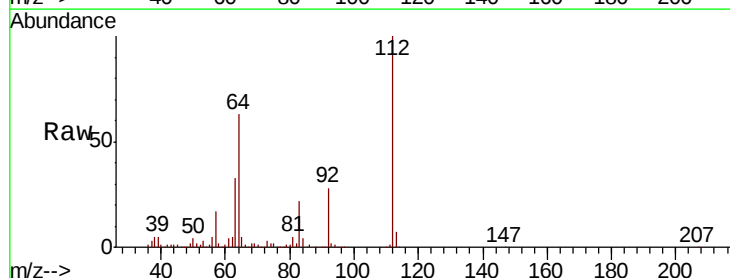
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



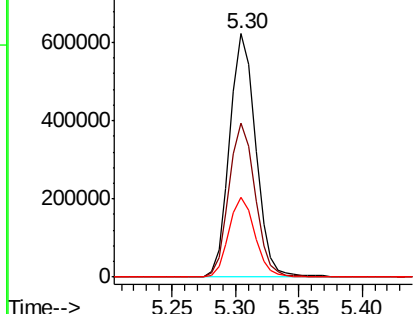
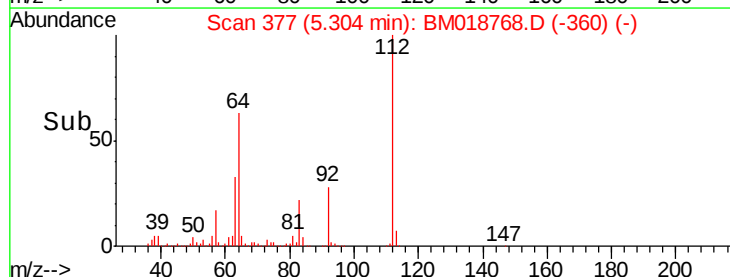
#5

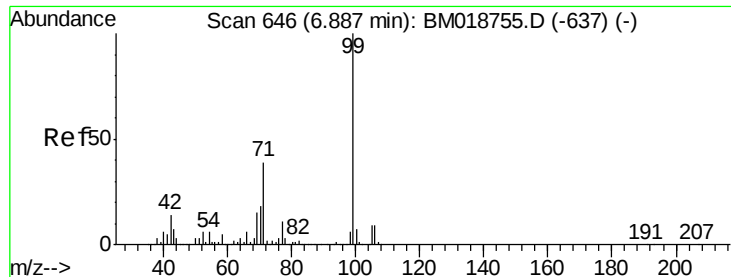
2-Fluorophenol
Concen: 44.199 ng
RT: 5.30 min Scan# 377
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:112 Resp: 889609
Ion Ratio Lower Upper
112 100
64 63.0 50.6 75.8
63 32.6 25.7 38.5



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: 27.089 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

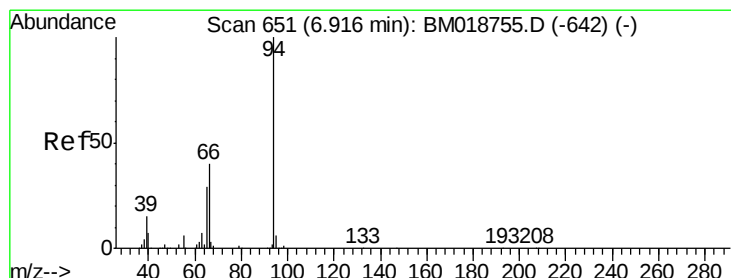
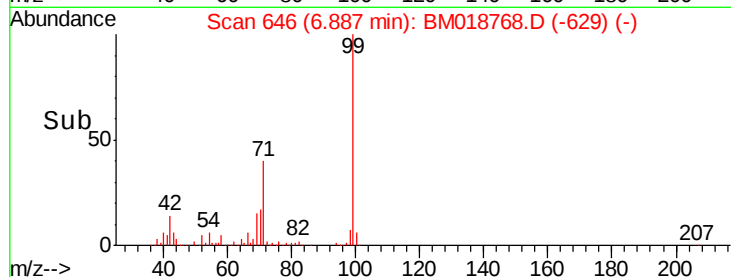
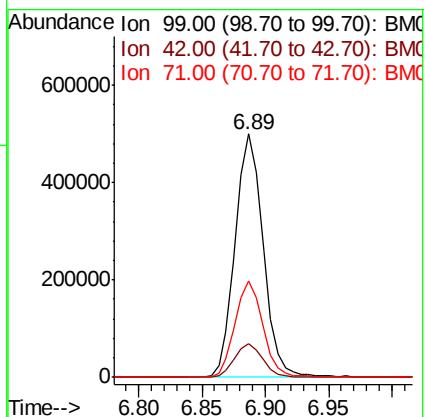
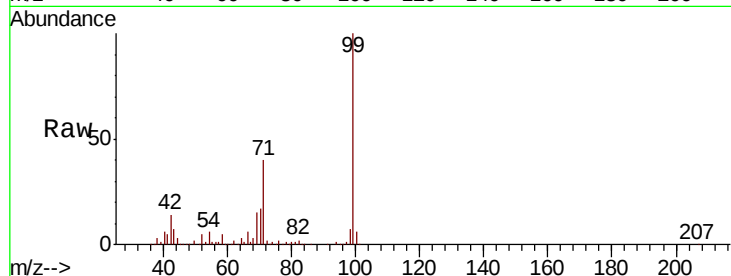
Tot Ion: 99 Resp: 768098

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

71 39.6 31.3 46.9



#10

Phenol

Concen: 6.112 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

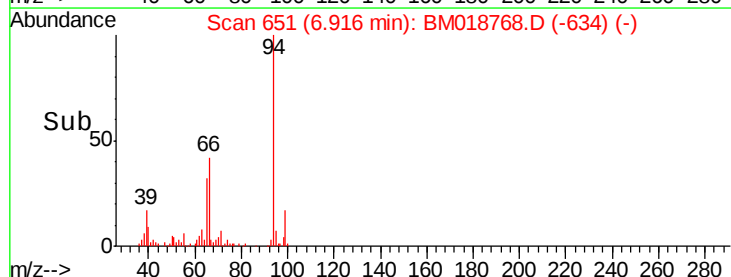
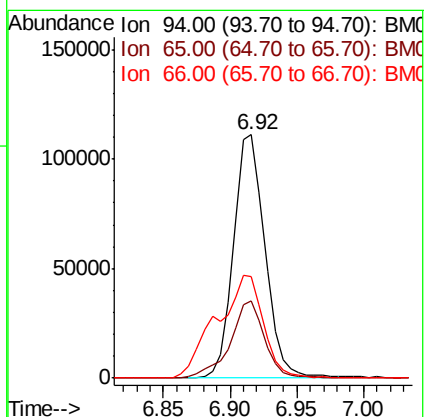
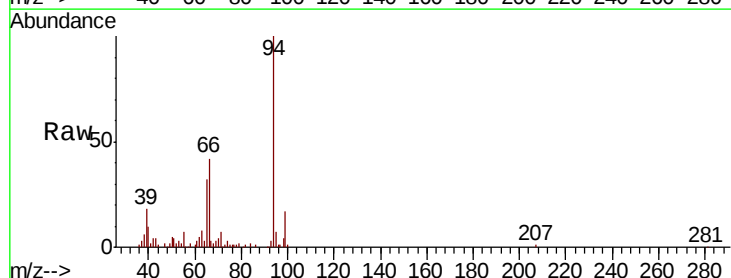
Tgt Ion: 94 Resp: 182345

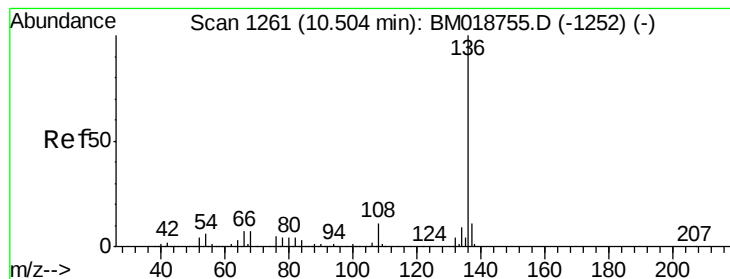
Ion Ratio Lower Upper

94 100

65 31.5 9.6 49.6

66 41.7 20.4 60.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

Tot Ion:136 Resp: 1330263

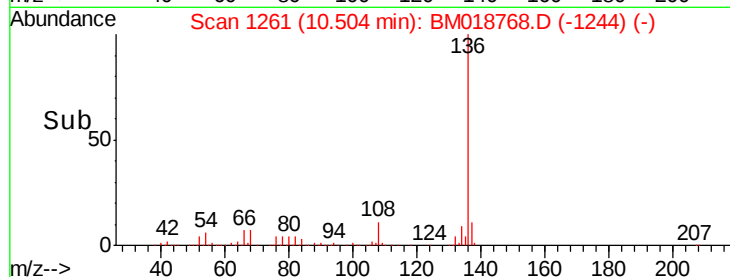
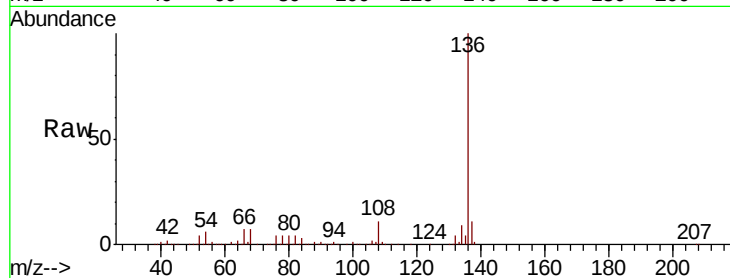
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.3 5.0 7.6

68 7.2 5.5 8.3

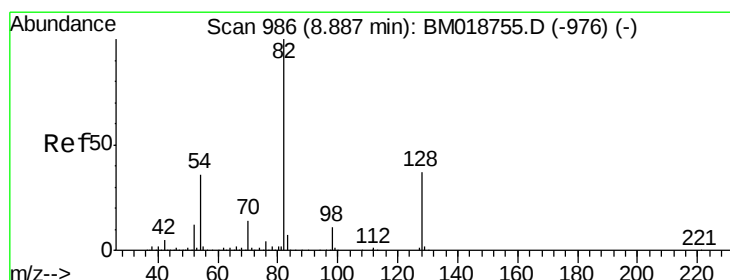
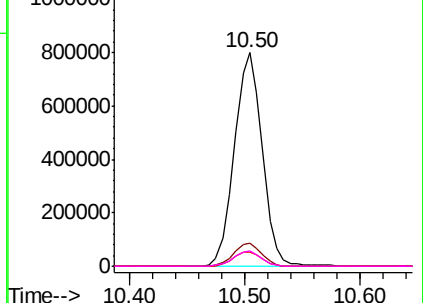


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.006 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

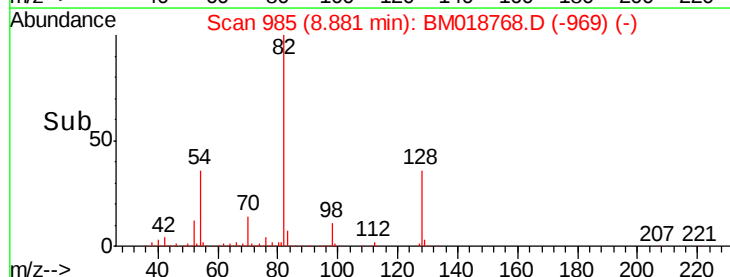
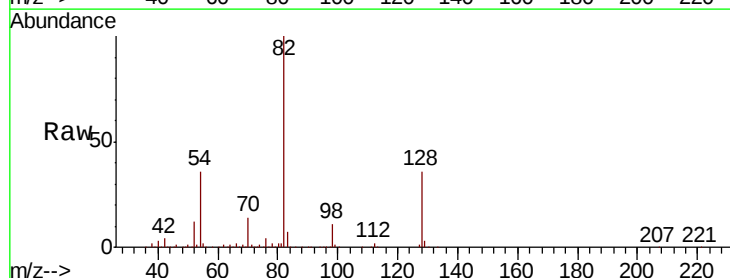
Tgt Ion: 82 Resp: 2129123

Ion Ratio Lower Upper

82 100

128 36.3 29.9 44.9

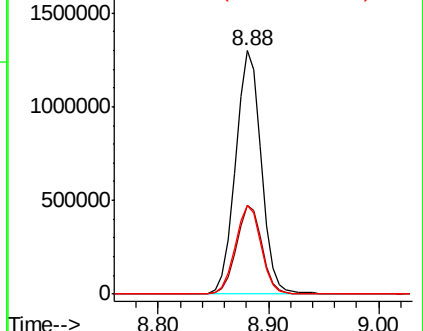
54 36.5 29.1 43.7

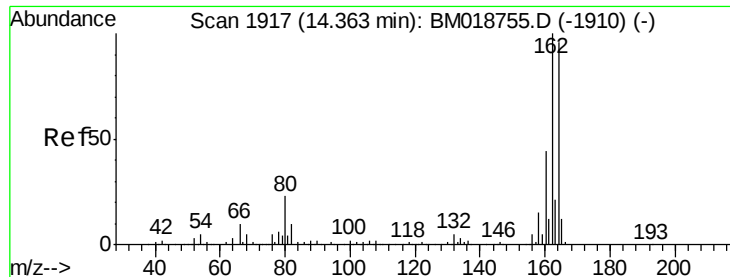


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

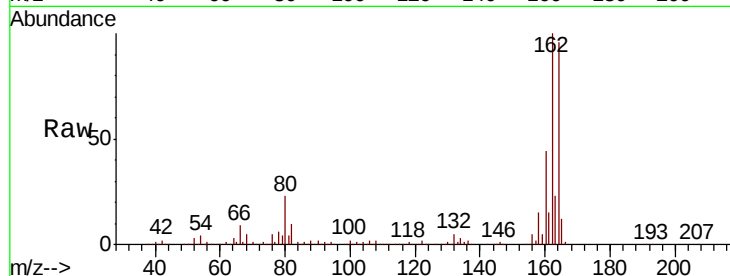
Tot Ion:164 Resp: 787486

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

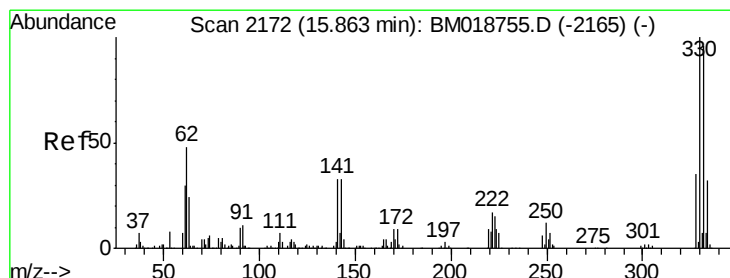
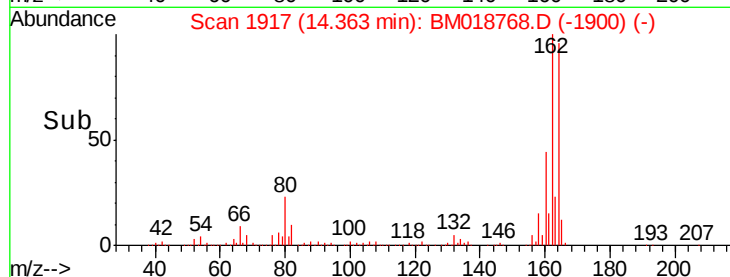
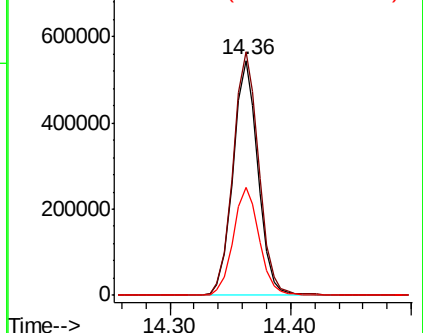
160 45.8 36.6 55.0



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



#42

2,4,6-Tribromophenol

Concen: 98.235 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

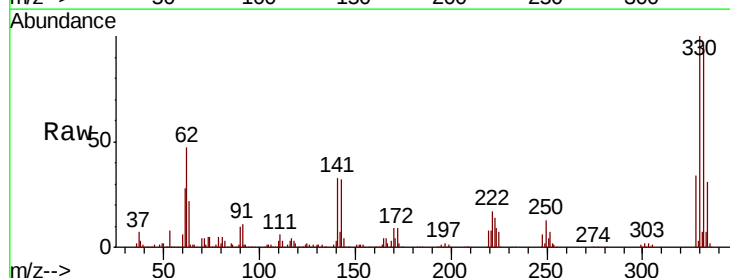
Tgt Ion:330 Resp: 1115108

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

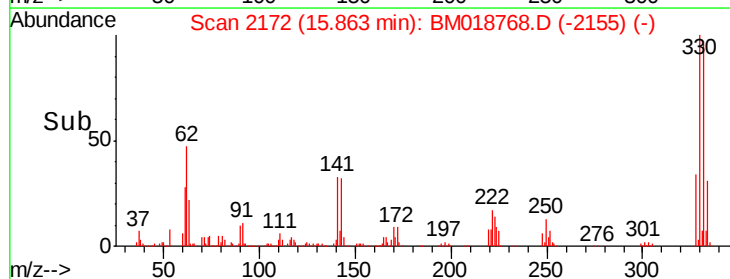
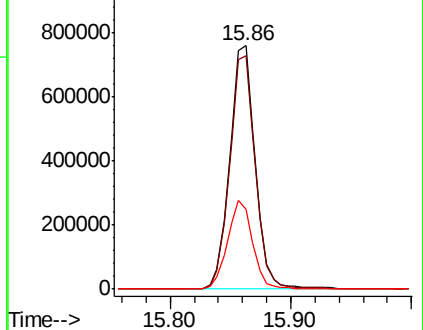
141 35.9 28.7 43.1



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

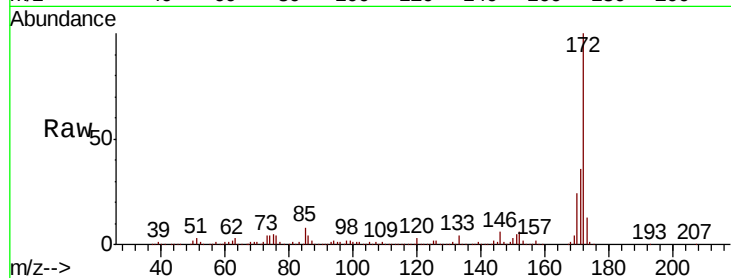




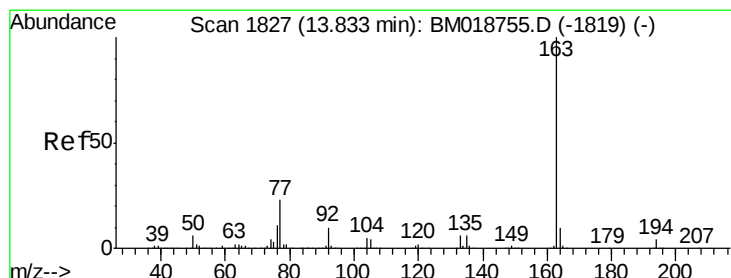
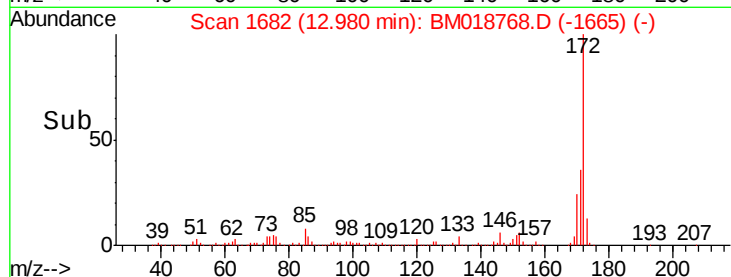
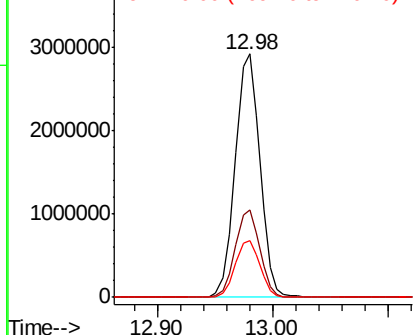
#45
2-Fluorobiphenyl
Concen: 73.038 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Instrument :
BNA_M
ClientSampleId :
B-11-OW

Tot Ion:172 Resp: 4332771
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.6 18.6 28.0

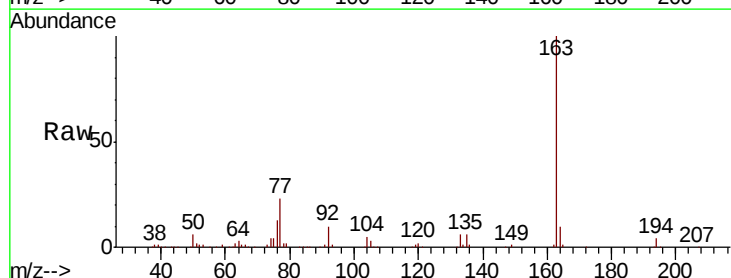


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

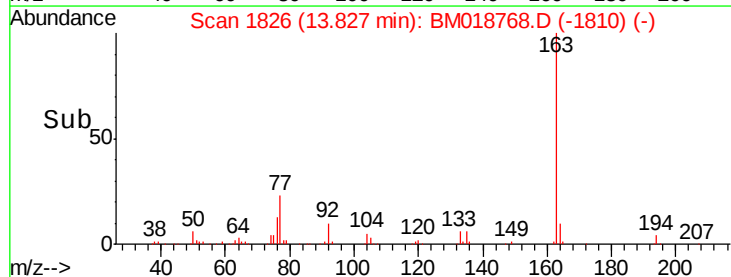
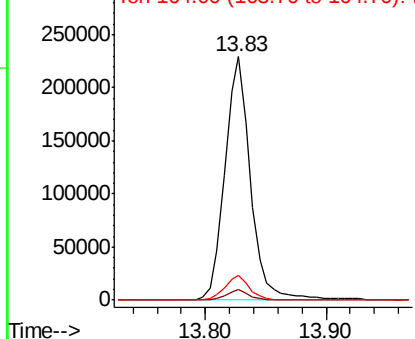


#50
Dimethylphthalate
Concen: 5.108 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018768.D
Acq: 11 Feb 2019 21:28

Tgt Ion:163 Resp: 335239
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Instrument :

BNA_M

ClientSampleId :

B-11-OW

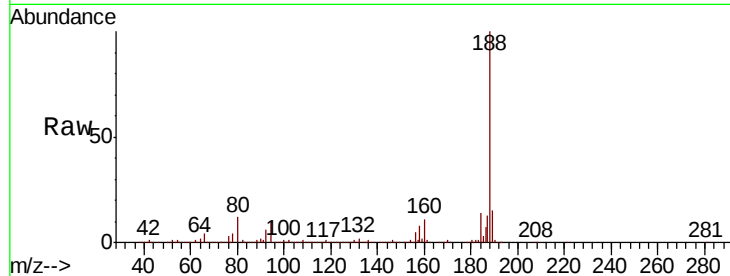
Tot Ion:188 Resp: 1849996

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

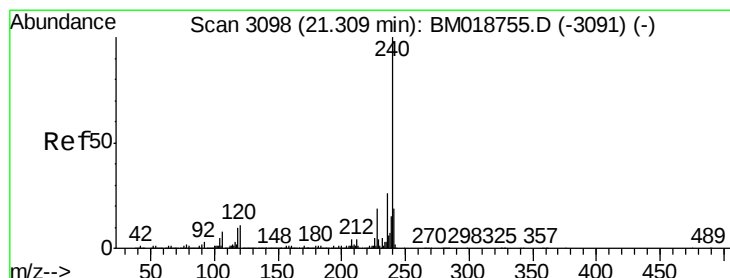
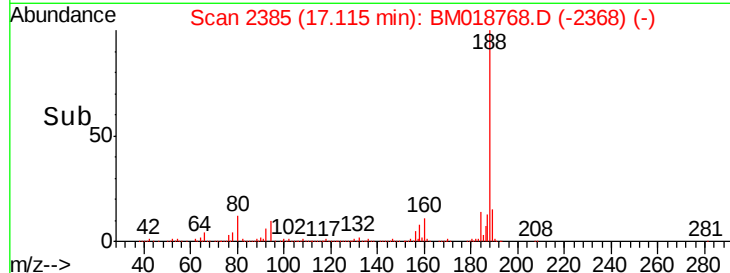
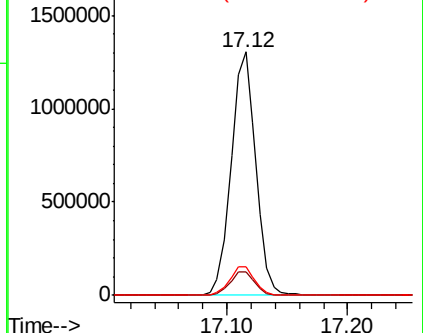
80 11.9 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

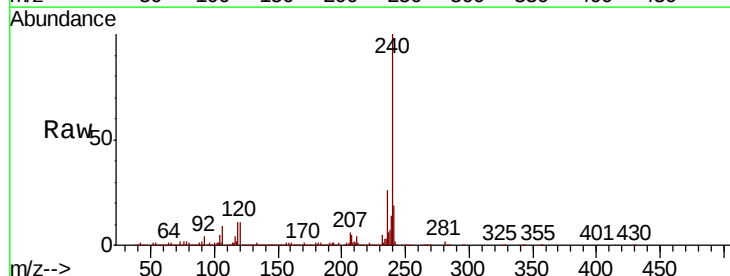
Tgt Ion:240 Resp: 1820383

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

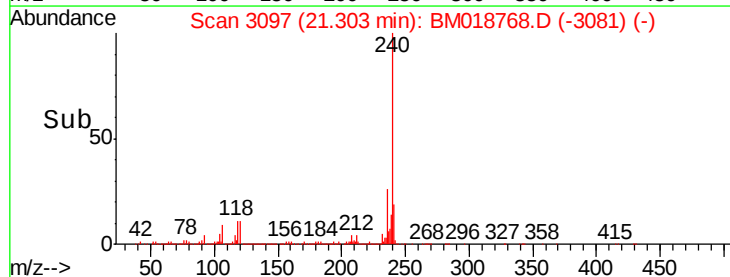
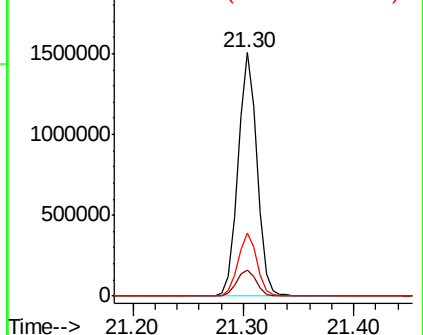
236 26.1 20.9 31.3

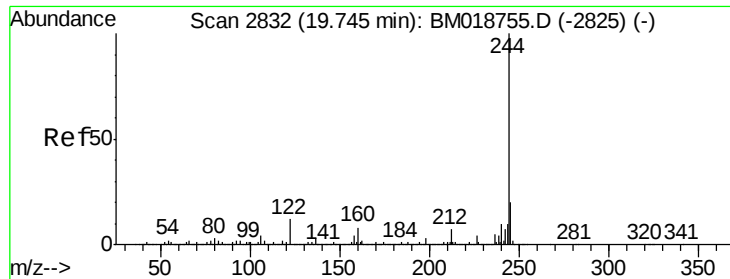


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.325 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018768.D

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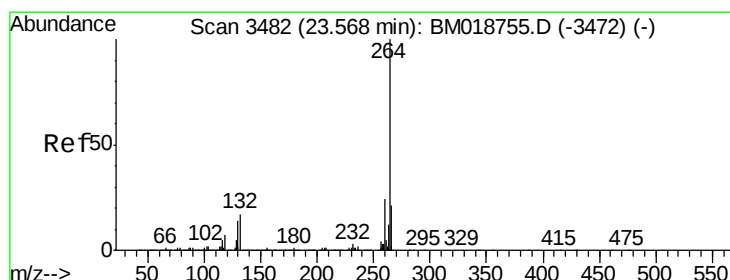
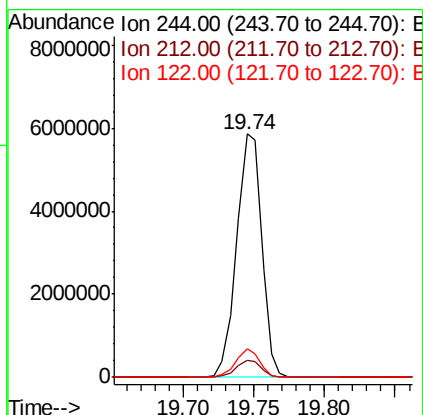
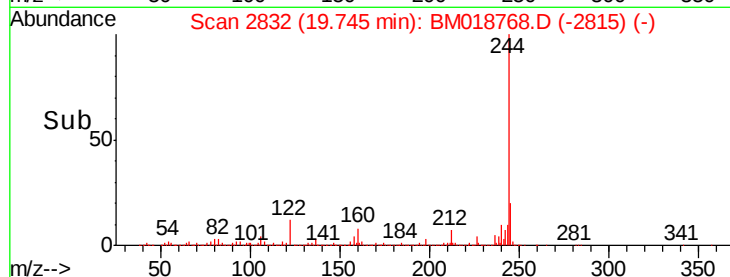
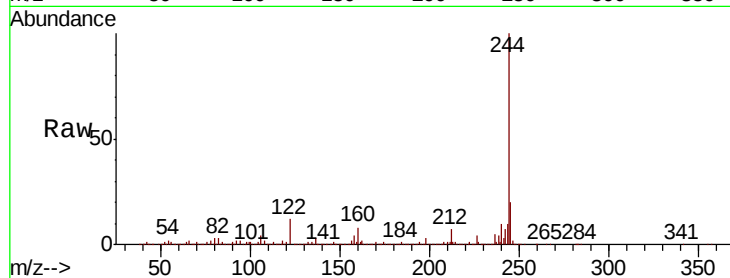
Tot Ion:244 Resp: 7264680

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.5 9.3 13.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018768.D

Acq: 11 Feb 2019 21:28

Tgt Ion:264 Resp: 1547891

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.9 17.3 25.9

