

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022119\
 Data File : BM018899.D
 Acq On : 21 Feb 2019 17:08
 Operator : JU/SJ
 Sample : K1537-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-2

Quant Time: Feb 21 21:56:35 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

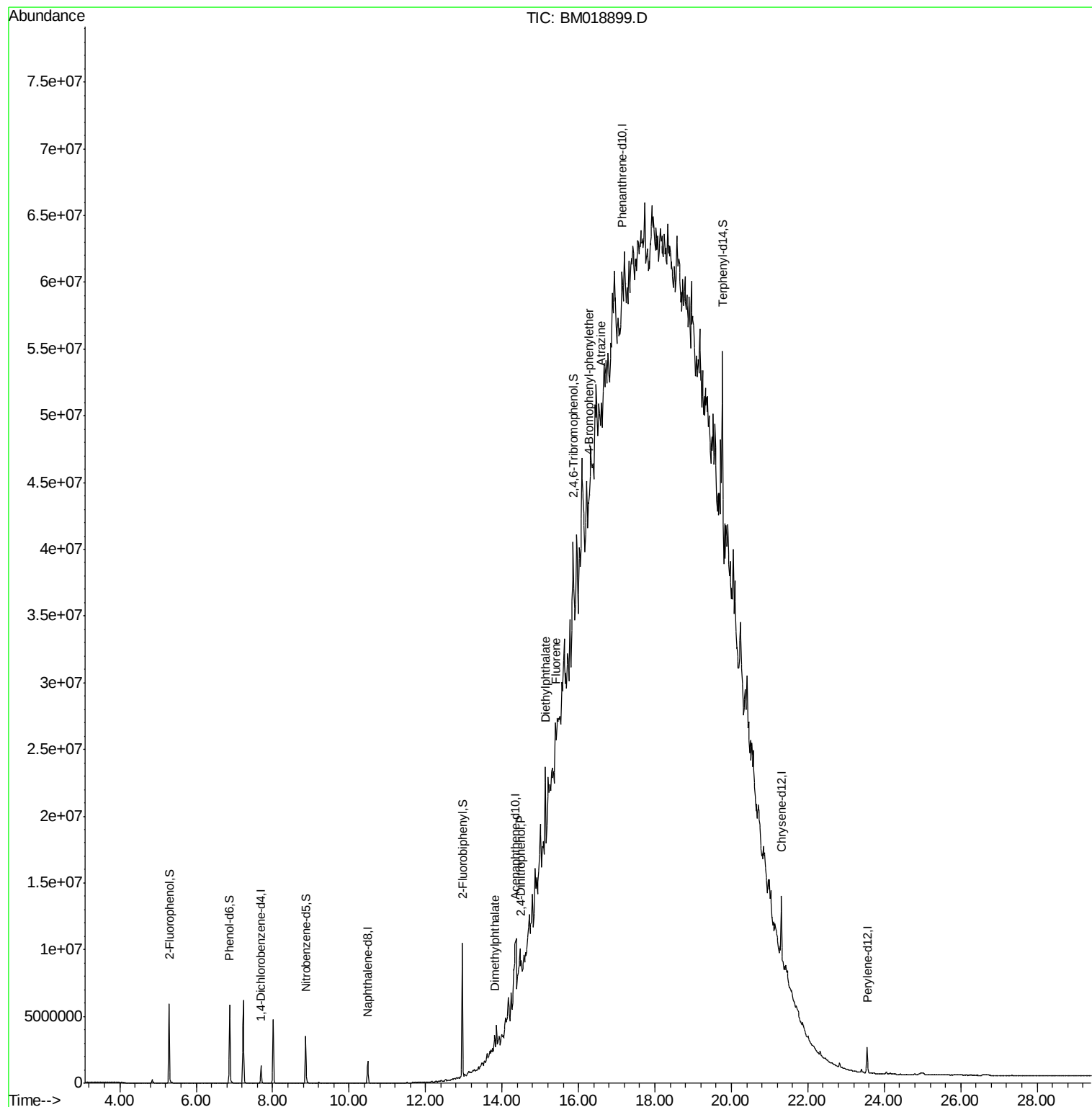
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	329119	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1356198	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	830167	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1845204	20.00	ng	0.02
76) Chrysene-d12	21.31	240	1599735	20.00	ng	0.00
87) Perylene-d12	23.55	264	1367808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2392874	119.13	ng	-0.01
7) Phenol-d6	6.88	99	3314822	117.14	ng	-0.01
23) Nitrobenzene-d5	8.86	82	2279899	77.73	ng	-0.02
42) 2,4,6-Tribromophenol	15.86	330	1679992	140.39	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	4777569	76.40	ng	-0.02
79) Terphenyl-d14	19.76	244	7982505	102.94	ng	0.02
Target Compounds						
9) Benzaldehyde	6.88	77	6672	Below Cal		Qvalue
50) Dimethylphthalate	13.81	163	198646	2.871 ng	#	12
54) 2,4-Dinitrophenol	14.50	184	2445	6.000 ng	#	89
58) Fluorene	15.41	166	165933	2.619 ng	#	1
60) Diethylphthalate	15.13	149	172418	2.416 ng	#	47
67) 4-Bromophenyl-phenylether	16.27	248	46494	2.251 ng	#	1
69) Atrazine	16.59	200	141926	7.552 ng	#	1

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

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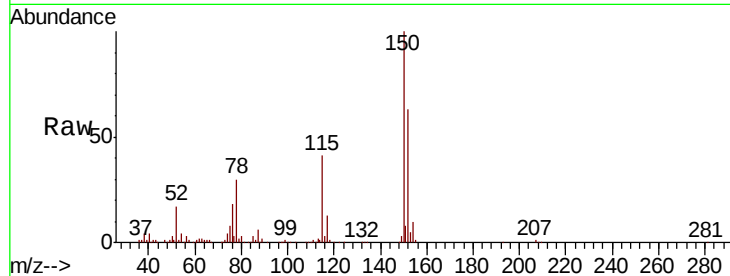


#1

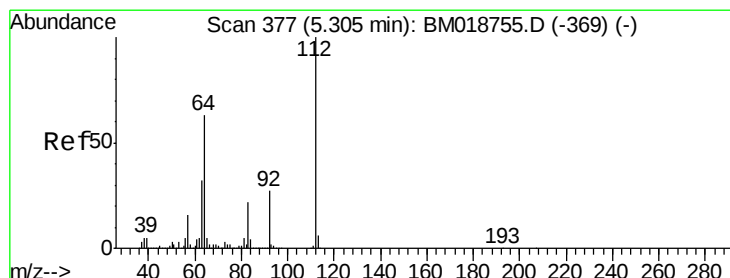
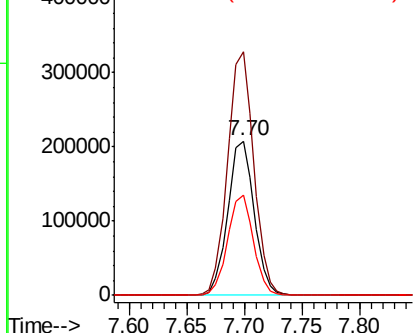
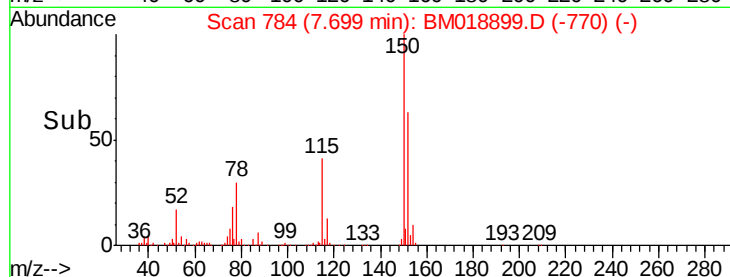
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 329119
Ion Ratio Lower Upper
152 100
150 157.6 127.3 190.9
115 64.8 50.8 76.2



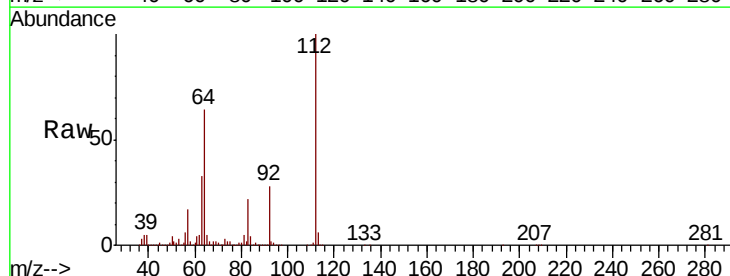
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



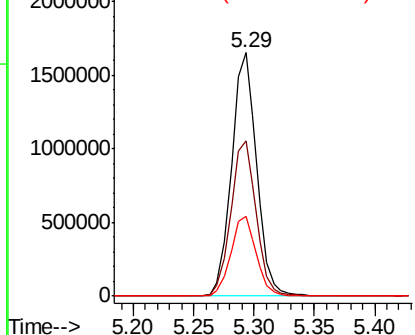
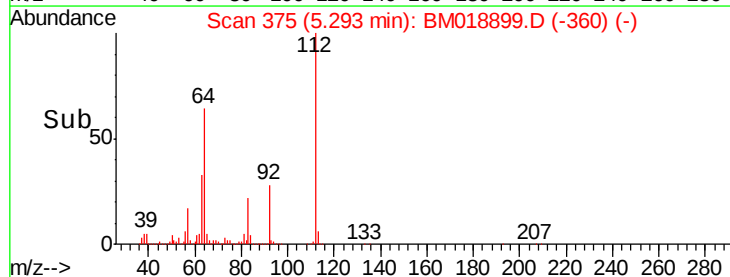
#5

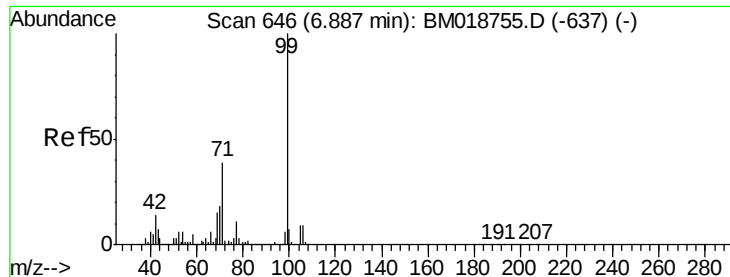
2-Fluorophenol
Concen: 119.126 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:112 Resp: 2392874
Ion Ratio Lower Upper
112 100
64 64.0 50.6 75.8
63 33.0 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: 117.142 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

DRUM-1-2

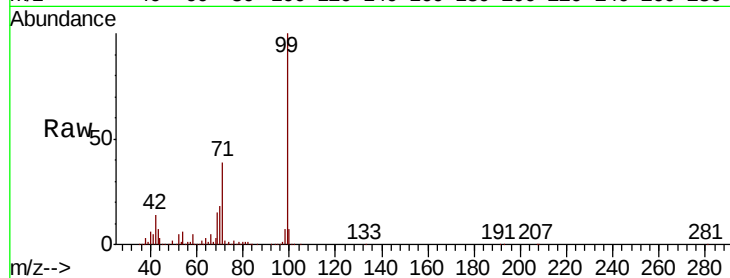
Tgt Ion: 99 Resp: 3314822

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

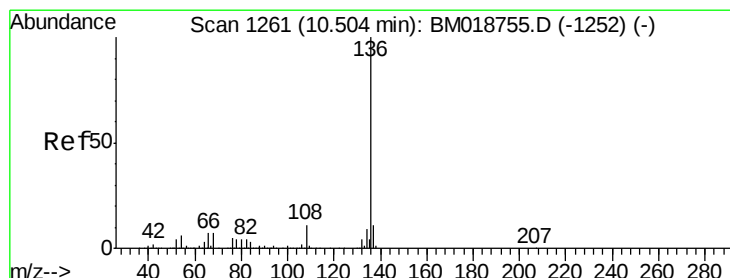
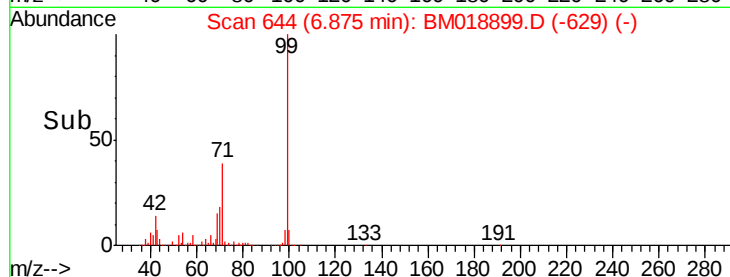
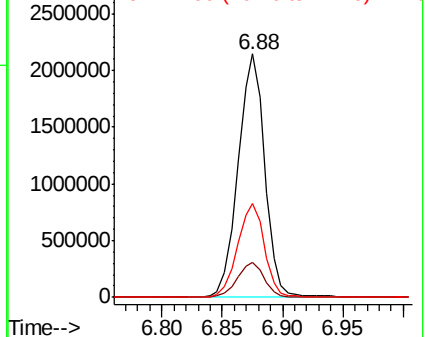
71 38.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

Tgt Ion: 136 Resp: 1356198

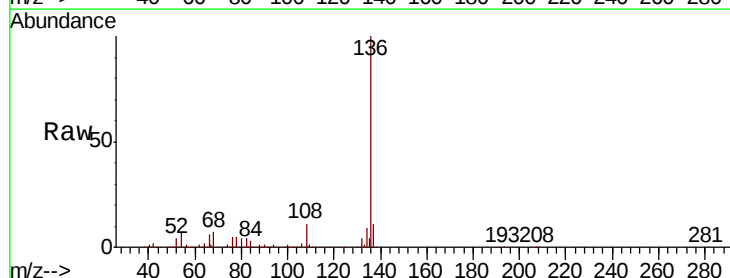
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.7 5.0 7.6

68 7.4 5.5 8.3

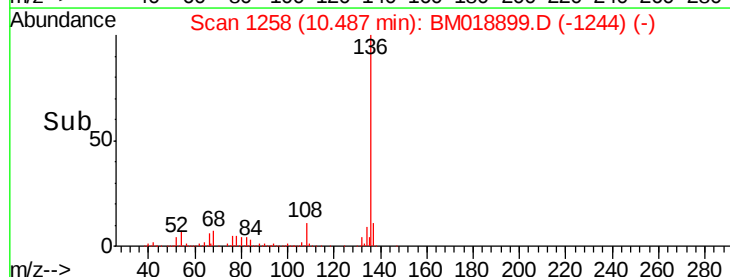
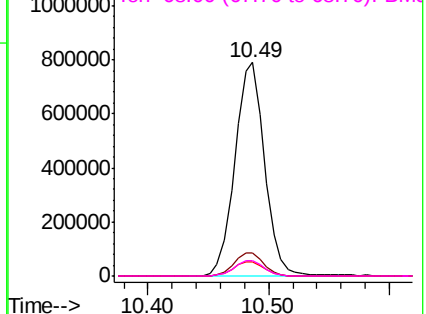


Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

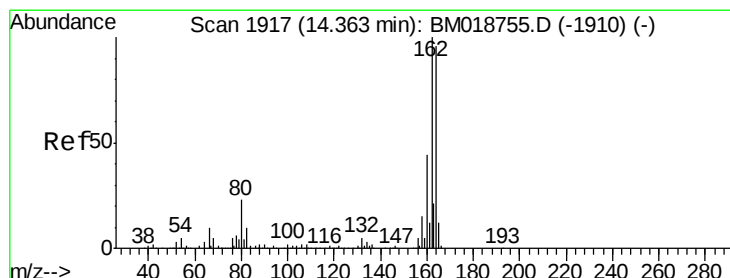
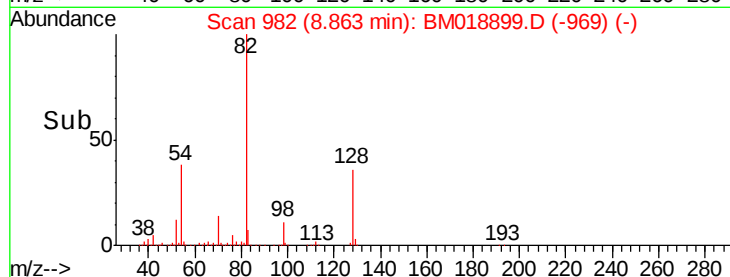
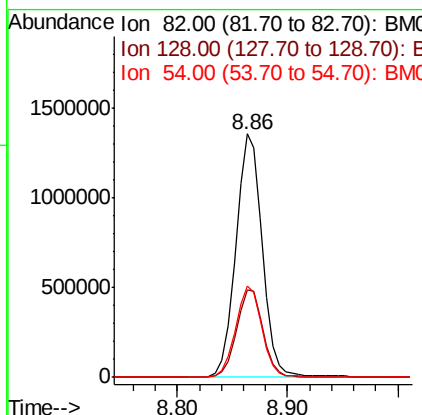
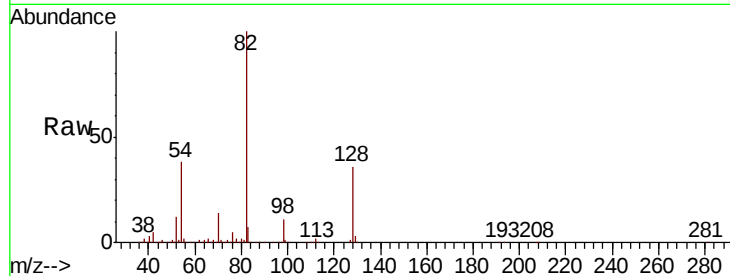




#23
Nitrobenzene-d5
Concen: 77.732 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

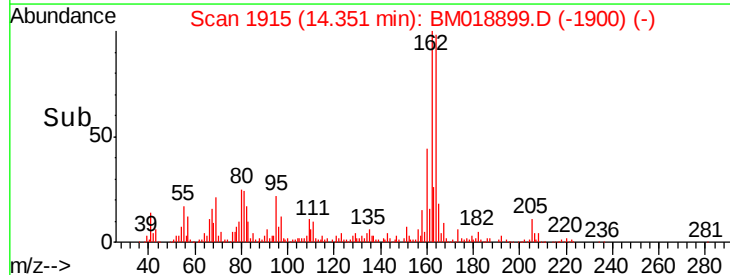
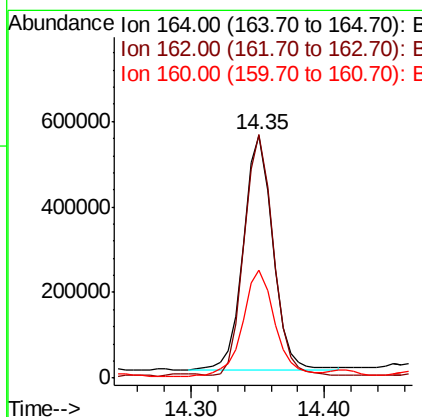
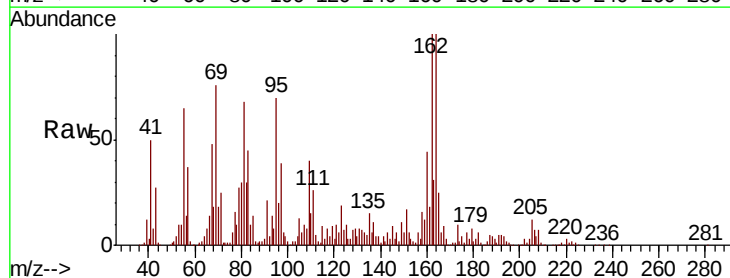
Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 2279899
Ion Ratio Lower Upper
82 100
128 35.8 29.9 44.9
54 37.7 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion: 164 Resp: 830167
Ion Ratio Lower Upper
164 100
162 100.2 83.4 125.0
160 44.2 36.6 55.0

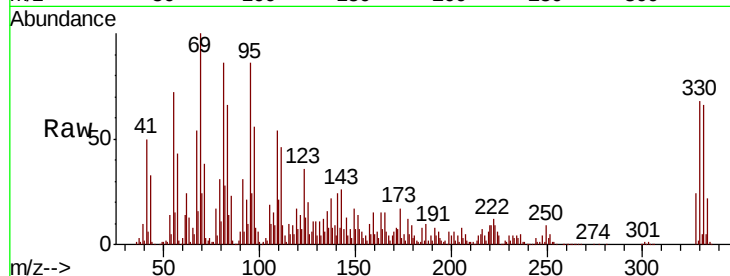




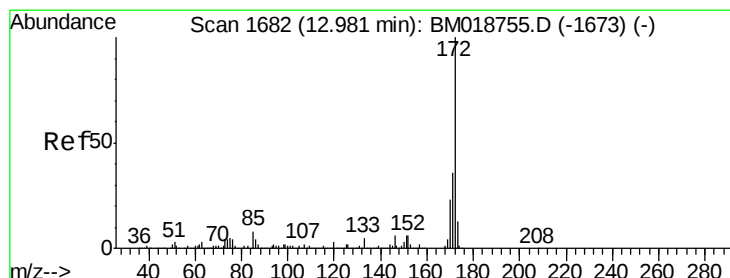
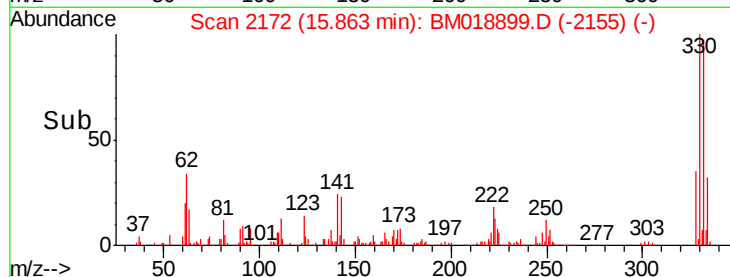
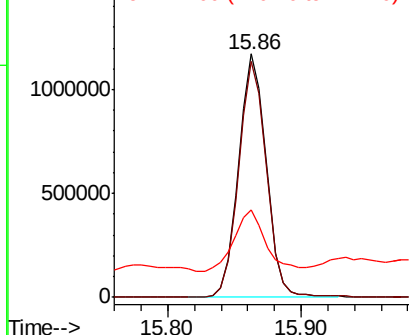
#42
 2,4,6-Tribromophenol
 Concen: 140.390 ng
 RT: 15.86 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BM018899.D
 Acq: 21 Feb 2019 17:08

Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-2

Tgt Ion:330 Resp: 1679992
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.9 115.3
 141 29.7 28.7 43.1

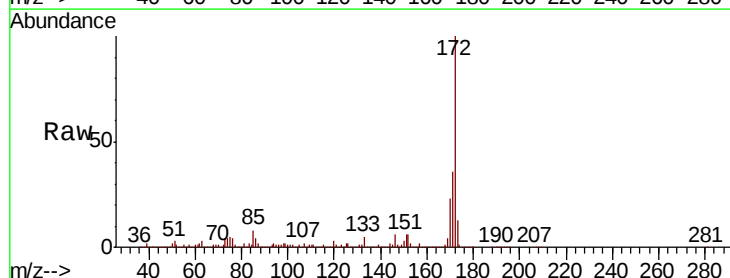


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

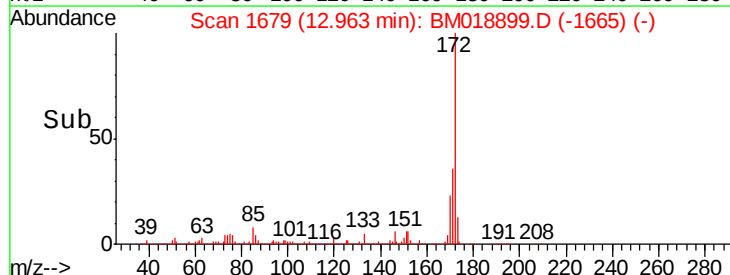
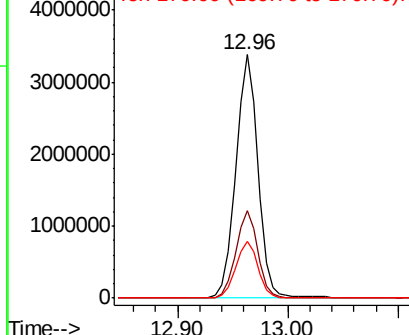


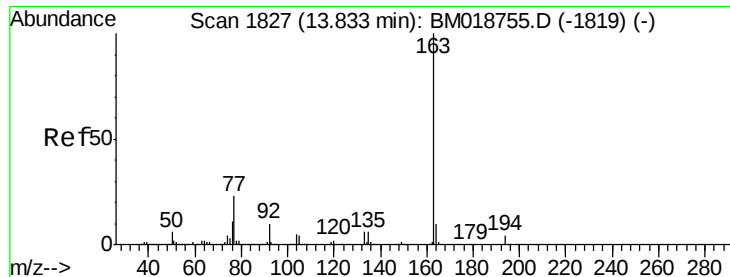
#45
 2-Fluorobiphenyl
 Concen: 76.396 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.02 min
 Lab File: BM018899.D
 Acq: 21 Feb 2019 17:08

Tgt Ion:172 Resp: 4777569
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.4 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: 2.871 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

DRUM-1-2

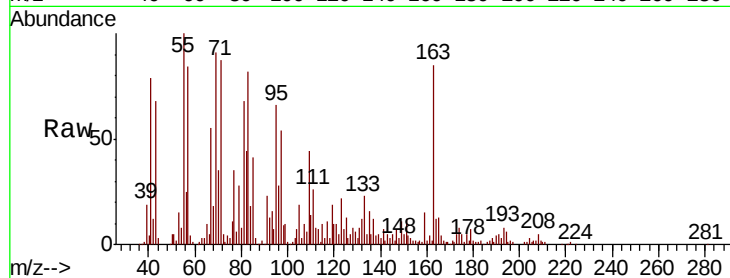
Tgt Ion:163 Resp: 198646

Ion Ratio Lower Upper

163 100

194 7.5 3.2 4.8#

164 13.8 7.8 11.8#

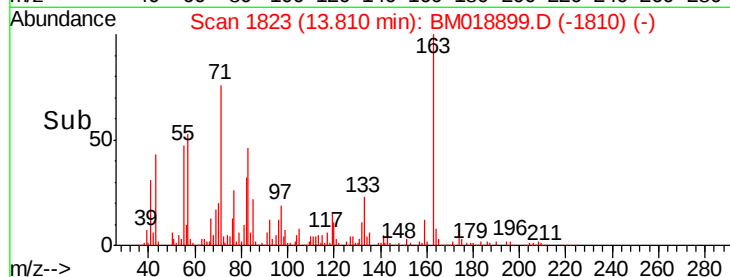


Abundance Ion 163.00 (162.70 to 163.70): E

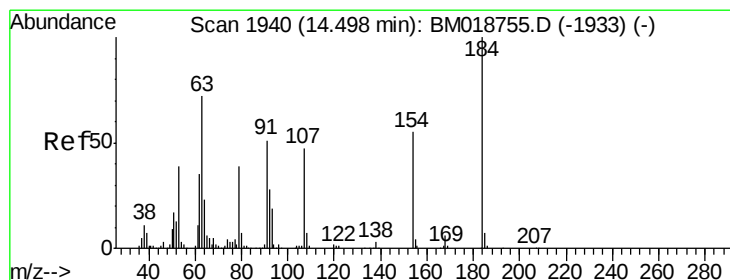
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.81



Time-->



#54

2,4-Dinitrophenol

Concen: 6.000 ng

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

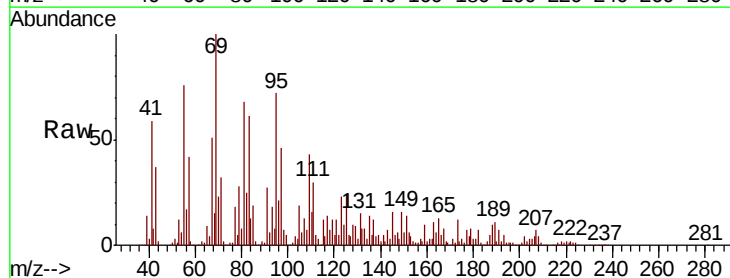
Tgt Ion:184 Resp: 2445

Ion Ratio Lower Upper

184 100

63 1207.5 58.0 87.0#

154 849.4 50.3 75.5#

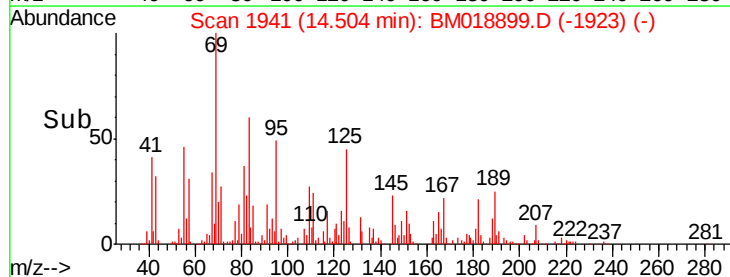


Abundance Ion 184.00 (183.70 to 184.70): E

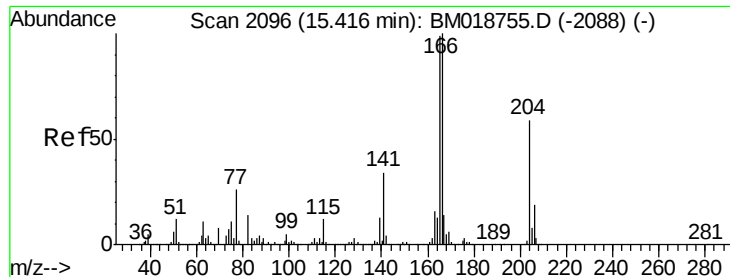
Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

14.50



Time-->



#58

Fluorene

Concen: 2.619 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

DRUM-1-2

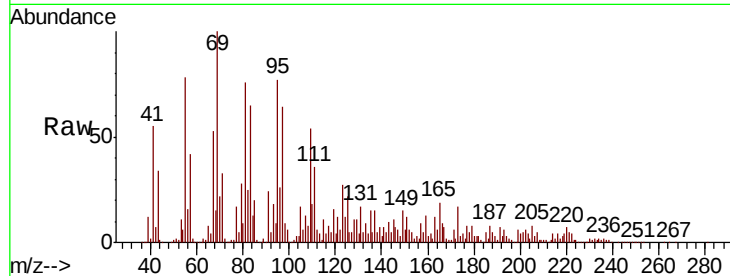
Tgt Ion:166 Resp: 165933

Ion Ratio Lower Upper

166 100

165 195.7 79.1 118.7#

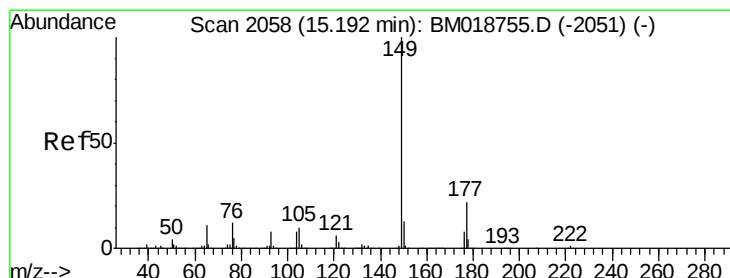
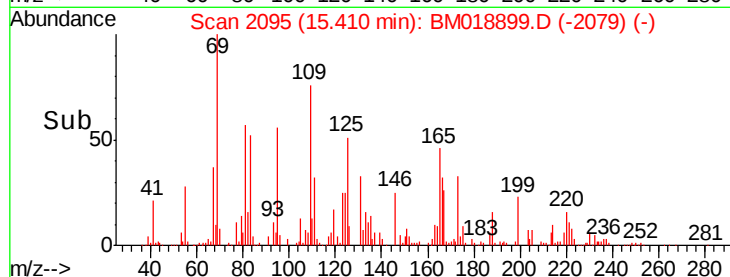
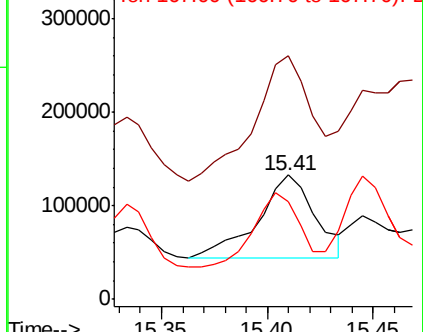
167 78.5 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 2.416 ng

RT: 15.13 min Scan# 2048

Delta R.T. -0.06 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

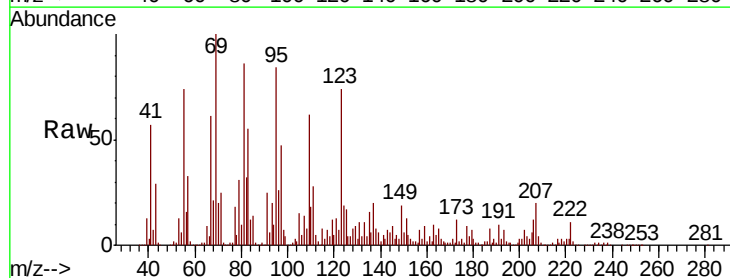
Tgt Ion:149 Resp: 172418

Ion Ratio Lower Upper

149 100

177 46.6 17.2 25.8#

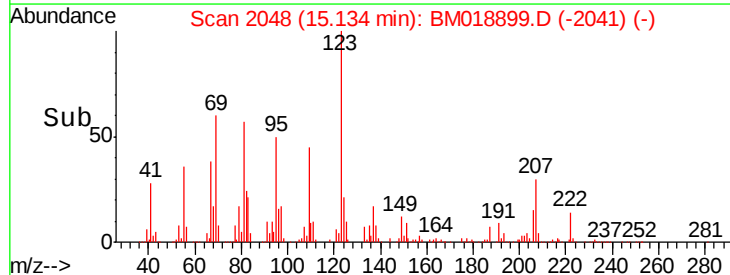
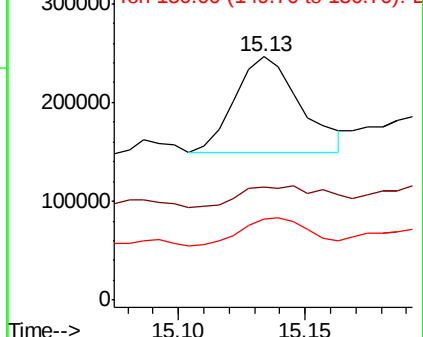
150 33.1 10.2 15.2#

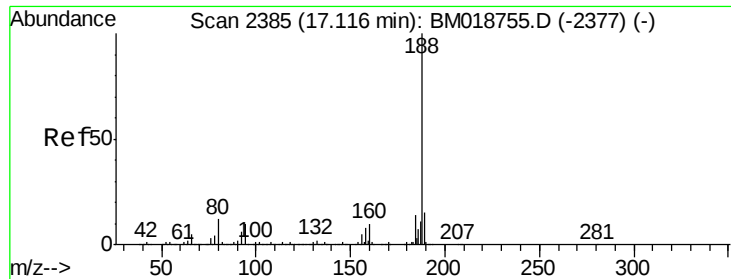


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

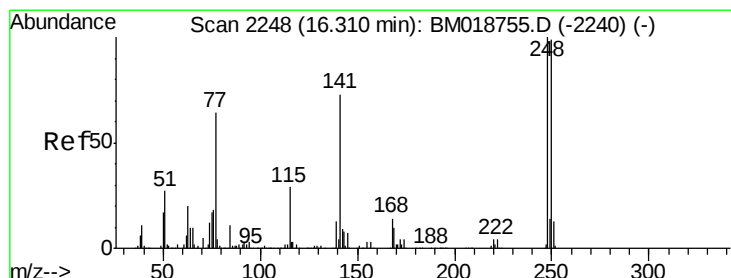
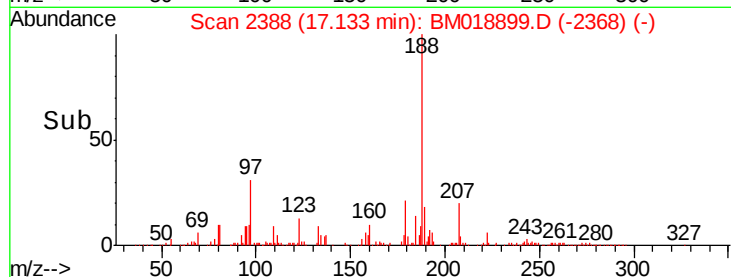
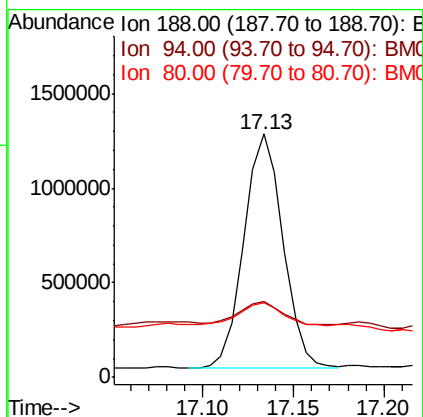
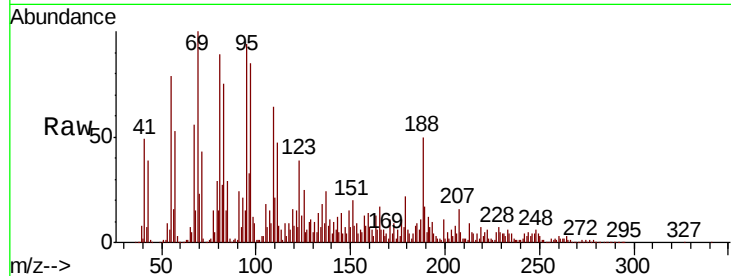




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.13 min Scan# 2388
 Delta R.T. 0.02 min
 Lab File: BM018899.D
 Acq: 21 Feb 2019 17:08

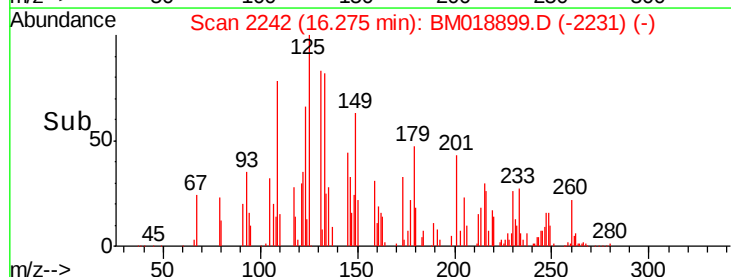
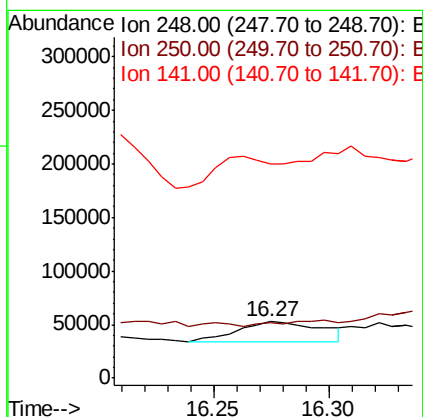
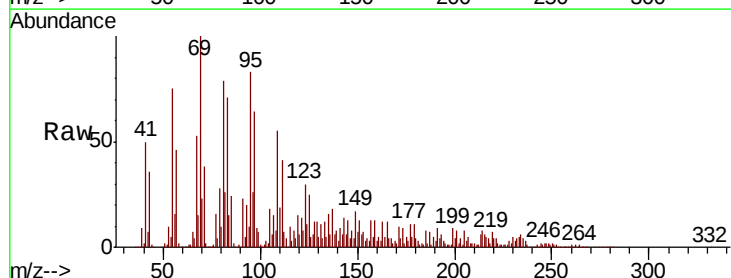
Instrument :
 BNA_M
 ClientSampleId :
 DRUM-1-2

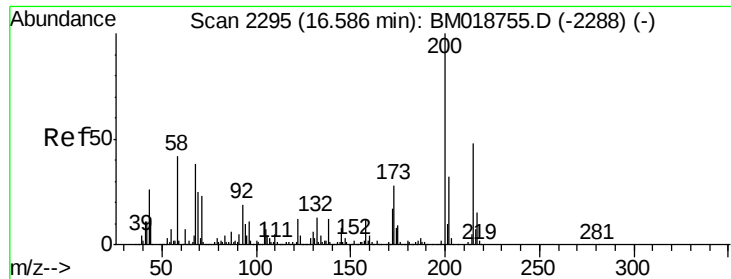
Tgt Ion:188 Resp: 1845204
 Ion Ratio Lower Upper
 188 100
 94 31.0 8.2 12.2#
 80 30.4 9.7 14.5#



#67
 4-Bromophenyl-phenylether
 Concen: 2.251 ng
 RT: 16.27 min Scan# 2242
 Delta R.T. -0.04 min
 Lab File: BM018899.D
 Acq: 21 Feb 2019 17:08

Tgt Ion:248 Resp: 46494
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.0 118.6
 141 378.6 58.6 88.0#

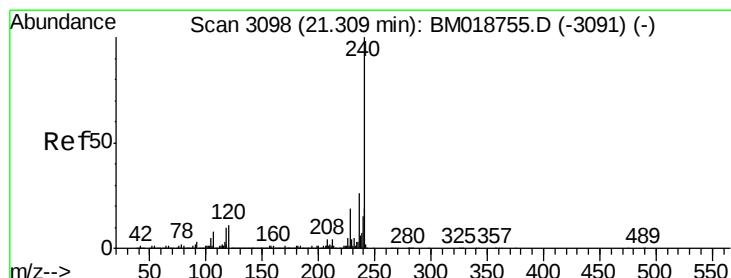
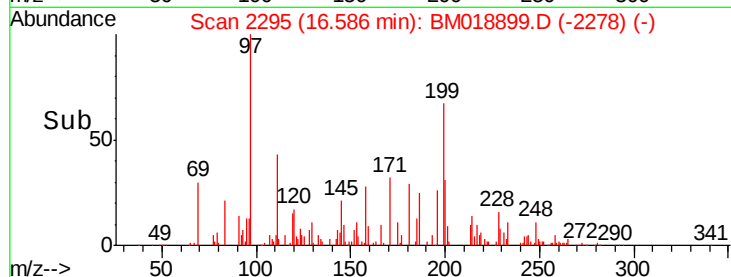
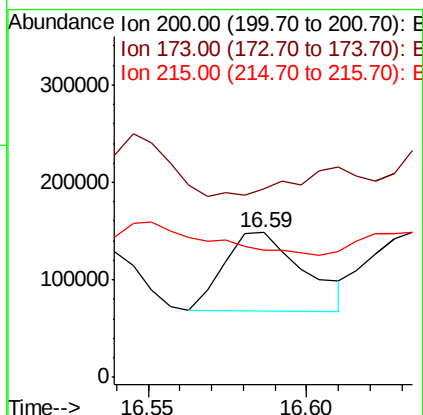
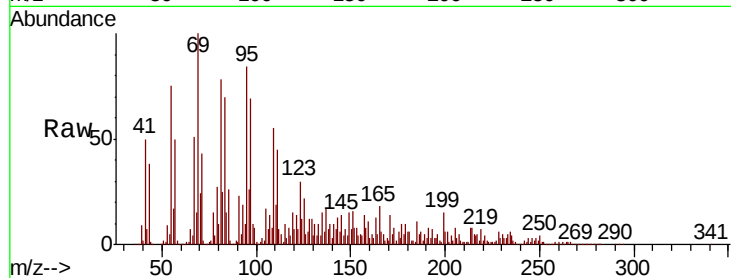




#69
Atrazine
Concen: 7.552 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

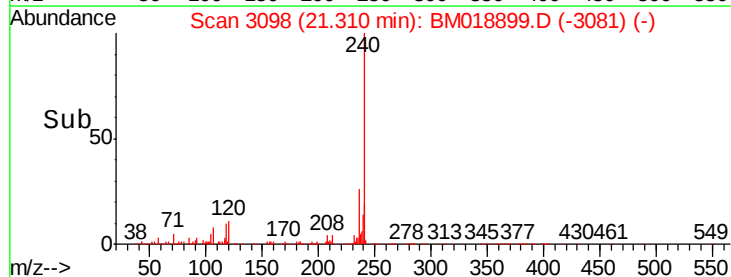
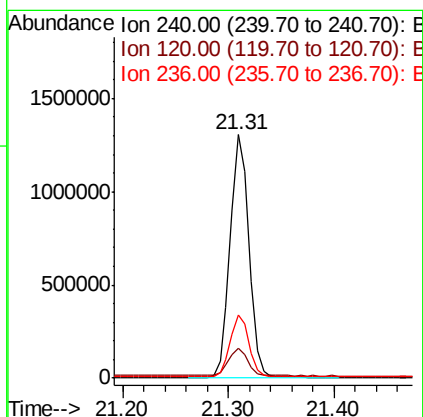
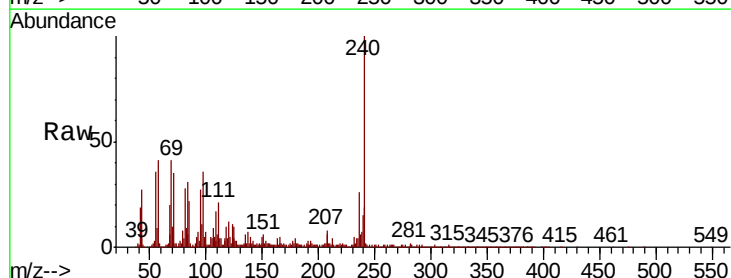
Instrument :
BNA_M
ClientSampleId :
DRUM-1-2

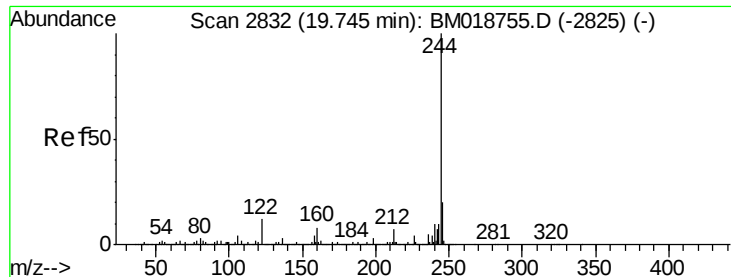
Tgt Ion:200 Resp: 141926
Ion Ratio Lower Upper
200 100
173 130.2 7.6 47.6#
215 87.8 27.6 67.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM018899.D
Acq: 21 Feb 2019 17:08

Tgt Ion:240 Resp: 1599735
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 102.936 ng

RT: 19.76 min Scan# 2835

Delta R.T. 0.02 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

Instrument :

BNA_M

ClientSampleId :

DRUM-1-2

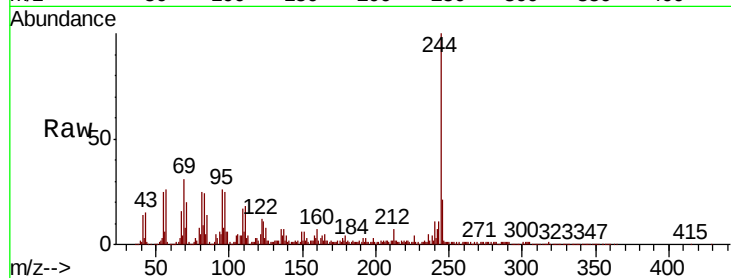
Tgt Ion:244 Resp: 7982505

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

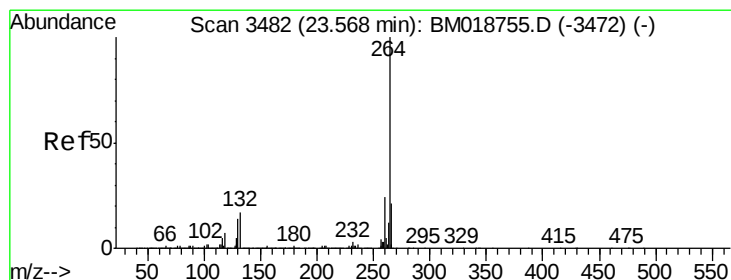
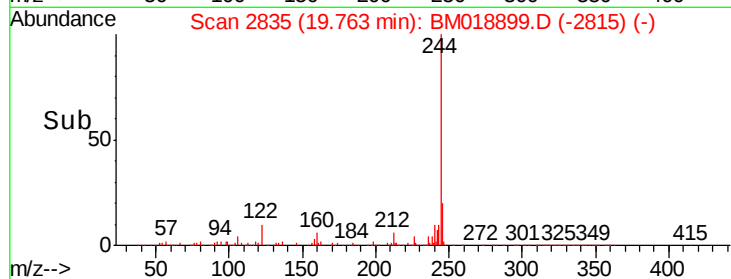
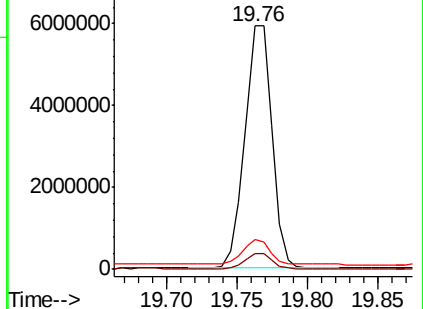
122 12.4 9.3 13.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018899.D

Acq: 21 Feb 2019 17:08

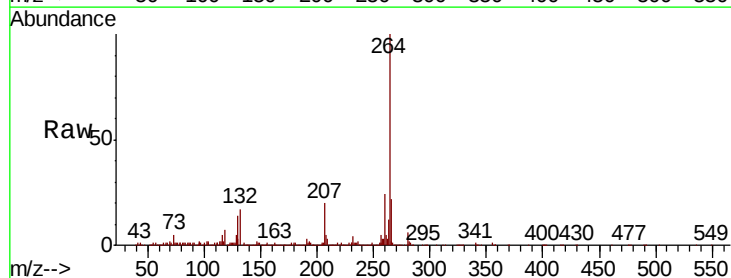
Tgt Ion:264 Resp: 1367808

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 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

