

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021519\
 Data File : BM018820.D
 Acq On : 15 Feb 2019 17:06
 Operator : JU/SJ
 Sample : K1484-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-3-D

Quant Time: Feb 15 22:21:41 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

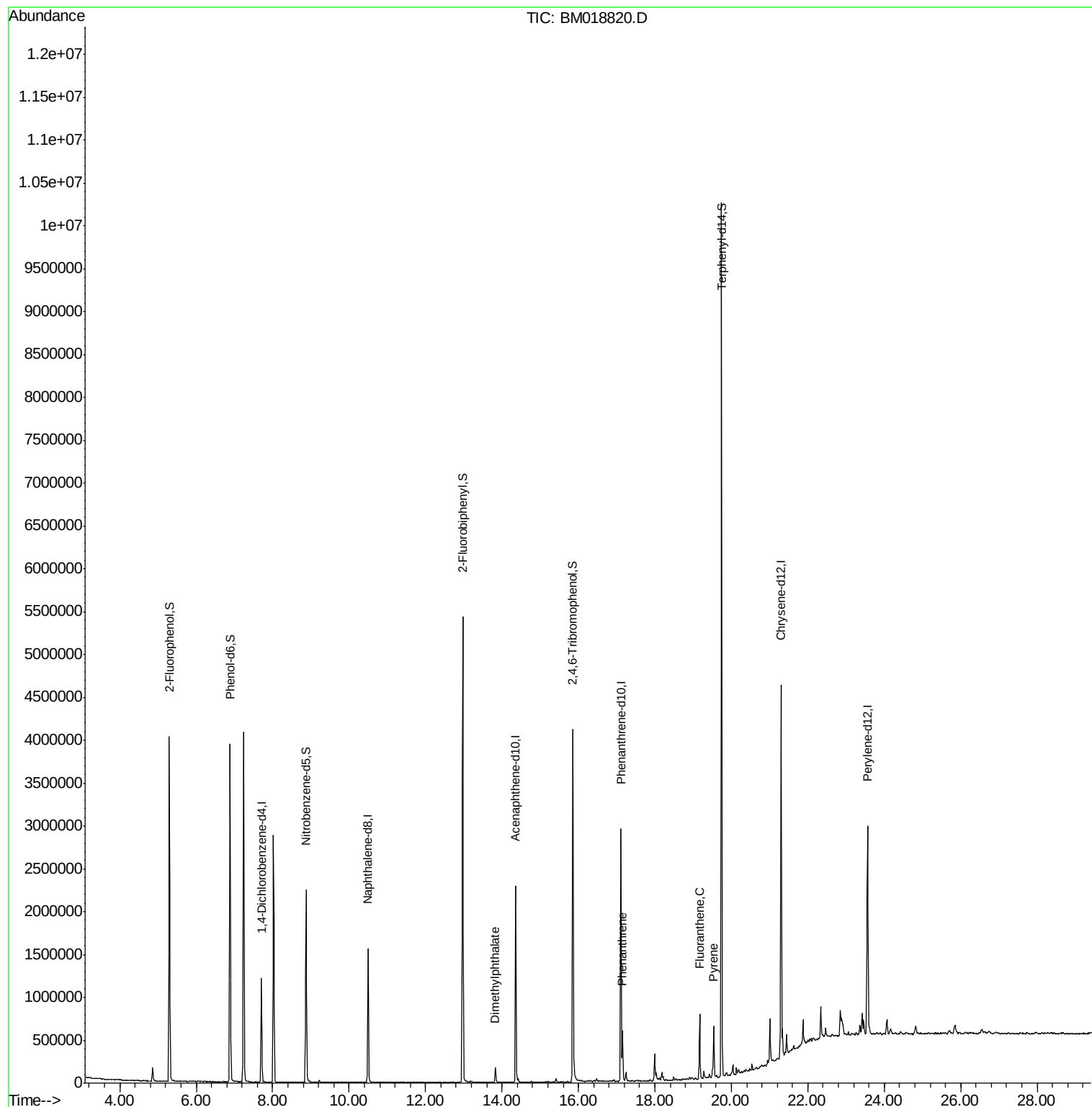
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	314099	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1297321	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	731804	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1693414	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1768049	20.00	ng	0.00
87) Perylene-d12	23.56	264	1652521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1609416	83.95	ng	0.00
7) Phenol-d6	6.88	99	2234874	82.75	ng	0.00
23) Nitrobenzene-d5	8.87	82	1431449	51.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	774196	73.39	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	2723854	49.41	ng	0.00
79) Terphenyl-d14	19.74	244	4283493	49.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.88	77	6721	Below Cal		Qvalue # 7
50) Dimethylphthalate	13.82	163	126232	2.070	ng	97
71) Phenanthrene	17.15	178	309240	3.398	ng	99
75) Fluoranthene	19.17	202	419391	3.989	ng	99
78) Pyrene	19.54	202	345070	3.360	ng	100

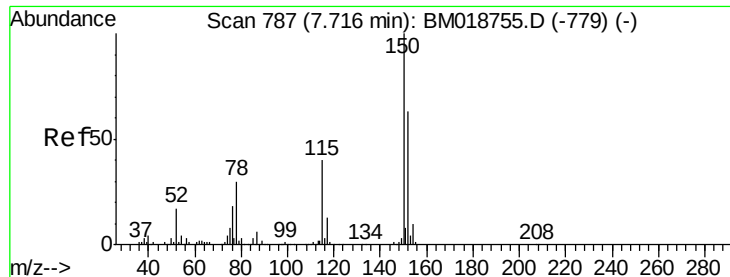
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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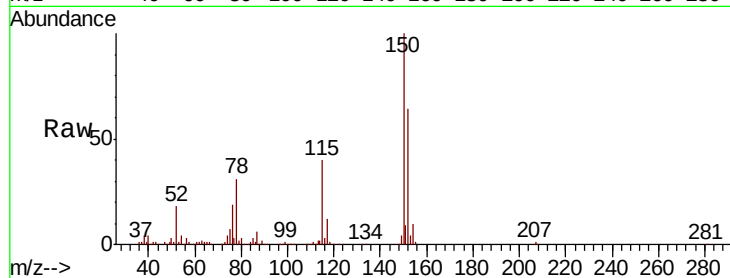


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018820.D
Acq: 15 Feb 2019 17:06

Instrument :
BNA_M
ClientSampleId :
M-3-D

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.3	190.9
115	62.0	50.8	76.2

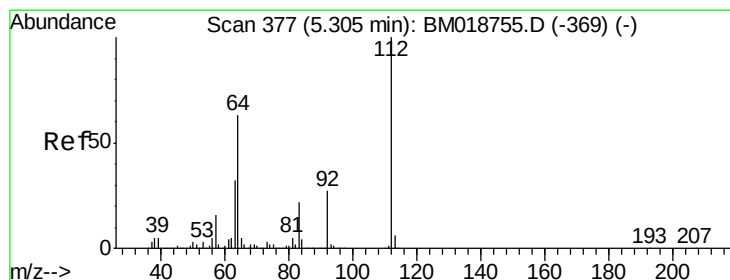
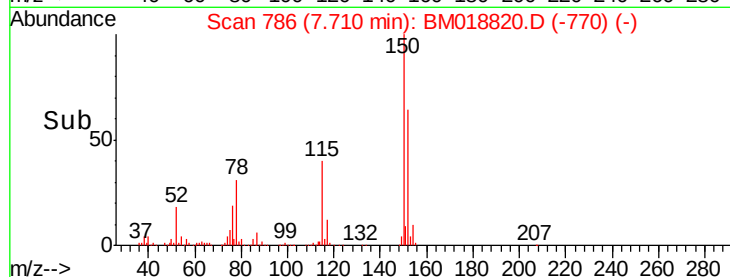
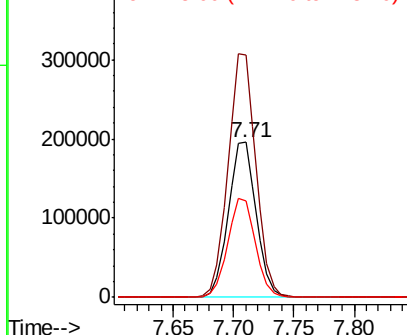


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

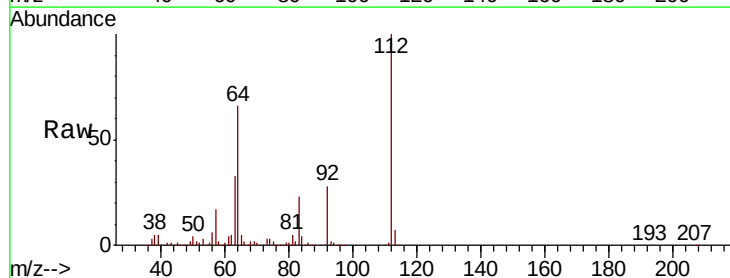
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.954 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018820.D
Acq: 15 Feb 2019 17:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	50.6	75.8
63	33.5	25.7	38.5

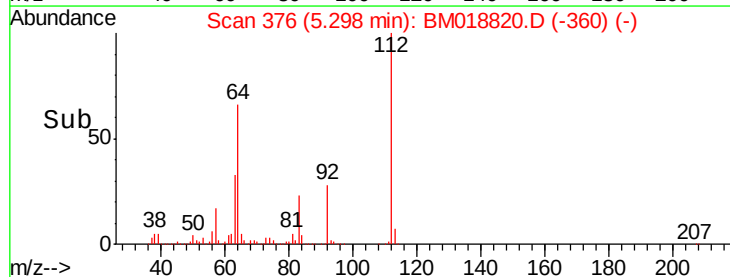
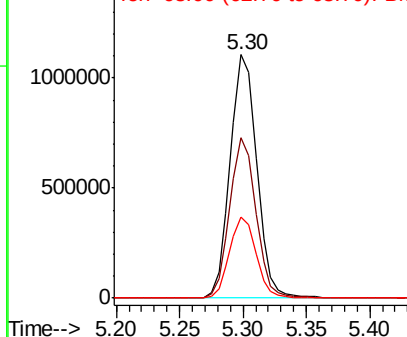


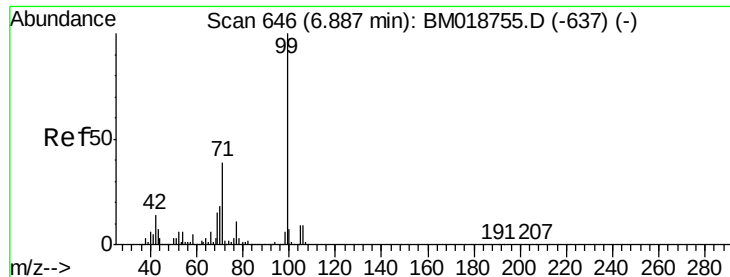
Abundance

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: 82.754 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampleId :

M-3-D

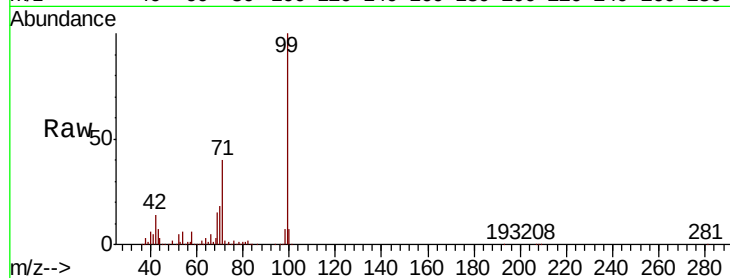
Tgt Ion: 99 Resp: 2234874

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.6

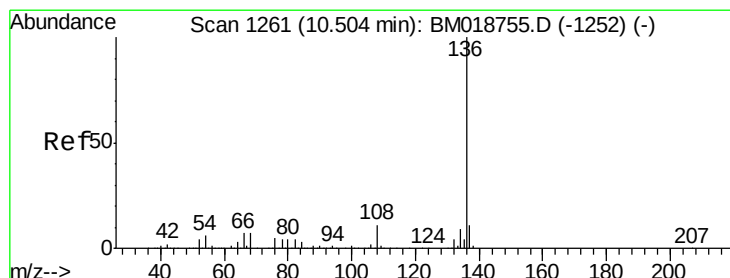
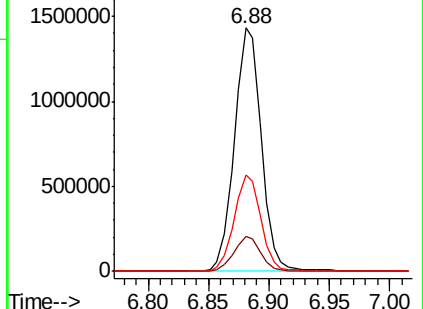
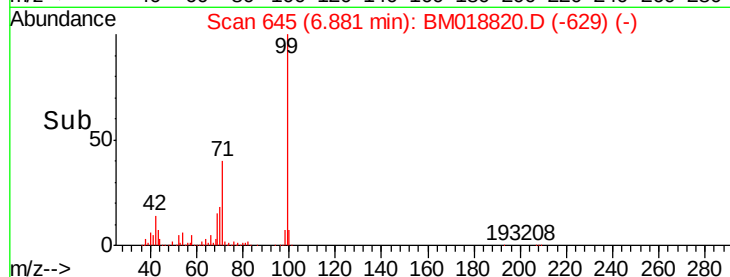
71 39.7 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018820.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018820.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018820.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Tgt Ion: 136 Resp: 1297321

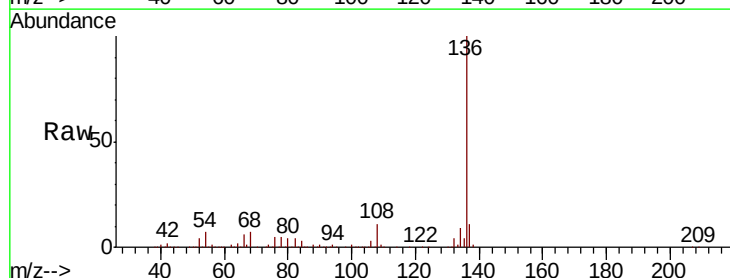
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.7 5.0 7.6

68 7.1 5.5 8.3

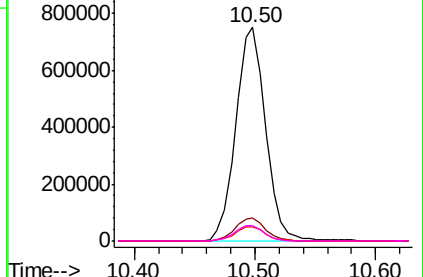
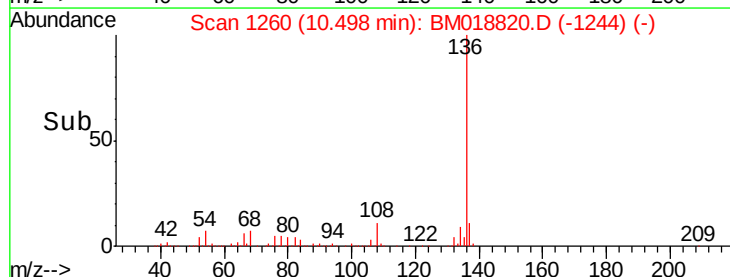


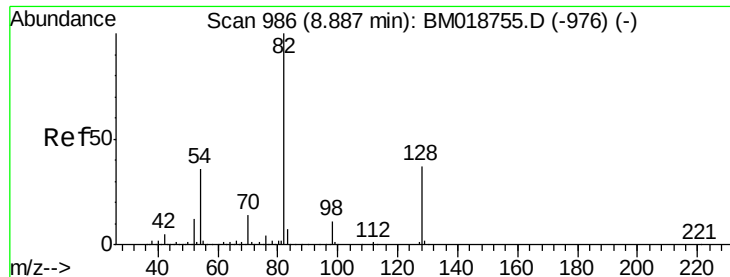
Abundance Ion 136.00 (135.70 to 136.70): BM018820.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM018820.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM018820.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM018820.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 51.019 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampled :

M-3-D

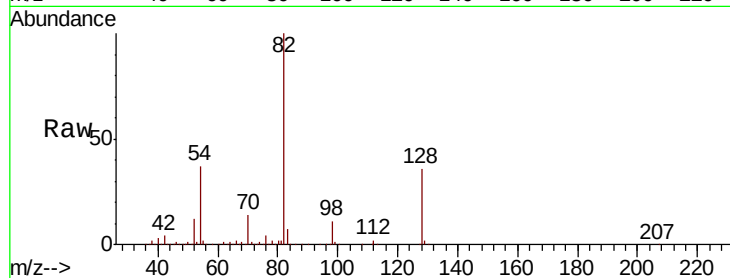
Tgt Ion: 82 Resp: 1431449

Ion Ratio Lower Upper

82 100

128 35.6 29.9 44.9

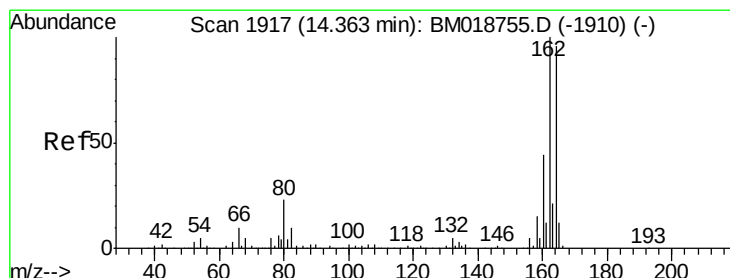
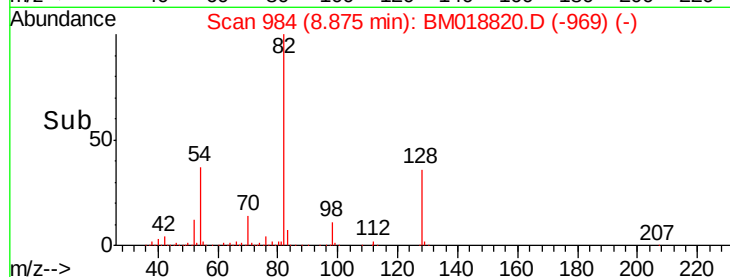
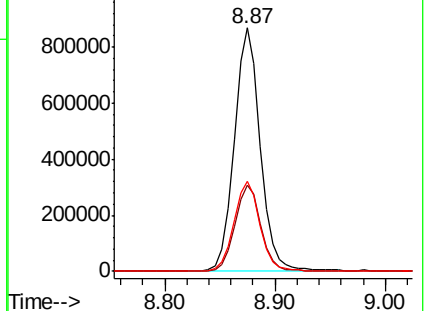
54 36.9 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018820.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018820.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018820.D (-969) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

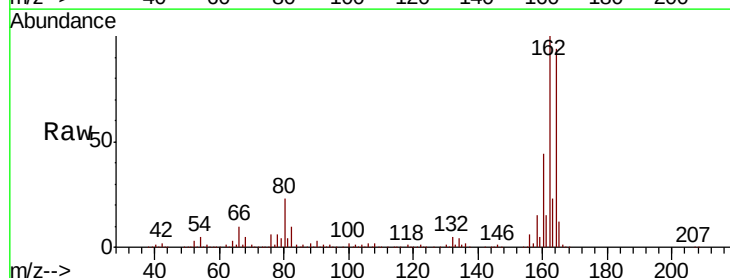
Tgt Ion: 164 Resp: 731804

Ion Ratio Lower Upper

164 100

162 106.4 83.4 125.0

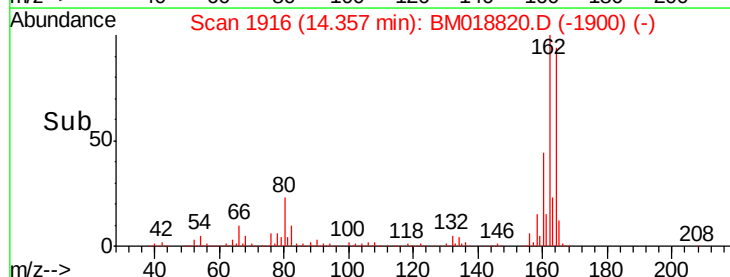
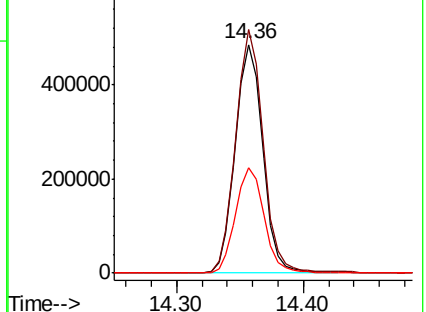
160 46.3 36.6 55.0

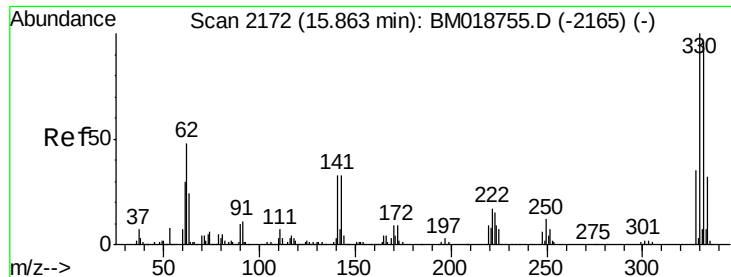


Abundance Ion 164.00 (163.70 to 164.70): BM018820.D (-1900) (-)

Ion 162.00 (161.70 to 162.70): BM018820.D (-1900) (-)

Ion 160.00 (159.70 to 160.70): BM018820.D (-1900) (-)





#42

2,4,6-Tribromophenol

Concen: 73.392 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampleId :

M-3-D

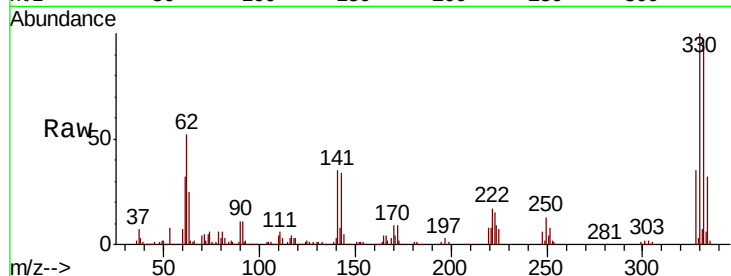
Tgt Ion:330 Resp: 774196

Ion Ratio Lower Upper

330 100

332 97.4 76.9 115.3

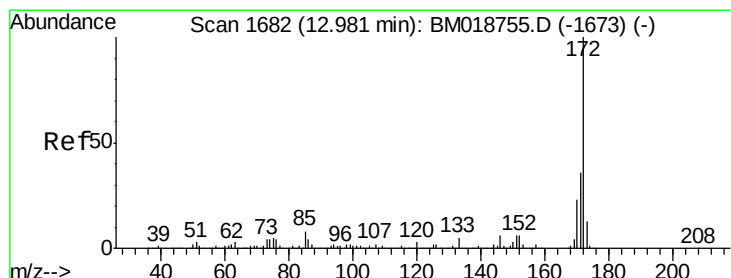
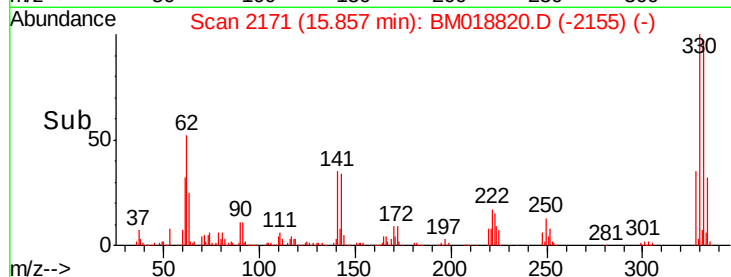
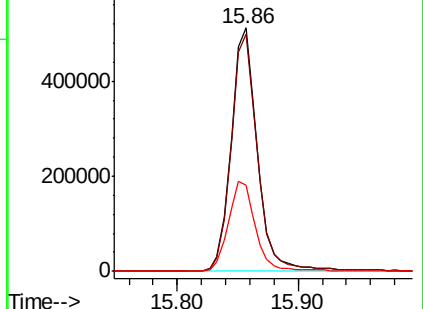
141 38.3 28.7 43.1



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: 49.410 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

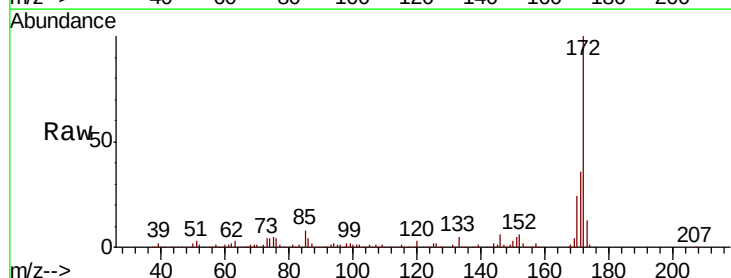
Tgt Ion:172 Resp: 2723854

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

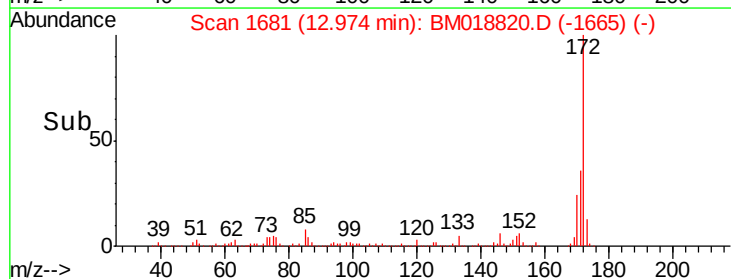
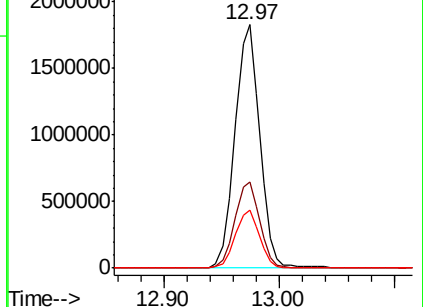
170 23.7 18.6 28.0

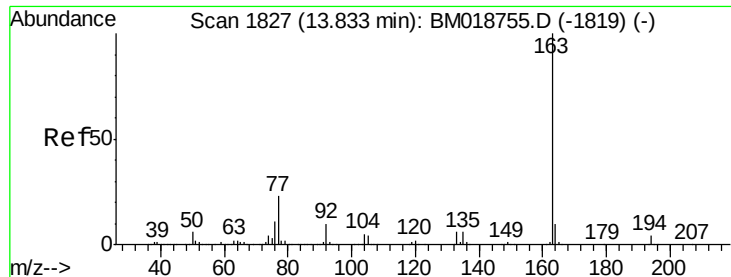


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.070 ng

RT: 13.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampleId :

M-3-D

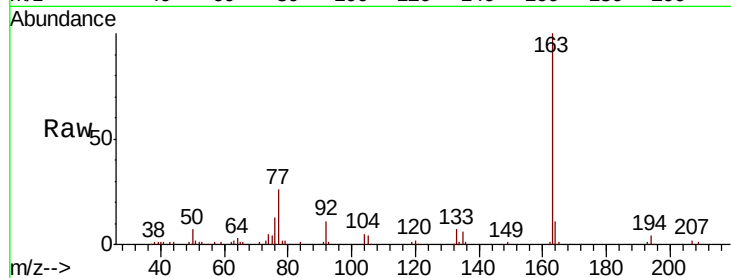
Tgt Ion:163 Resp: 126232

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

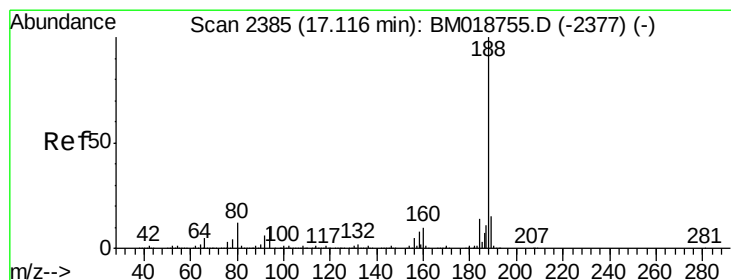
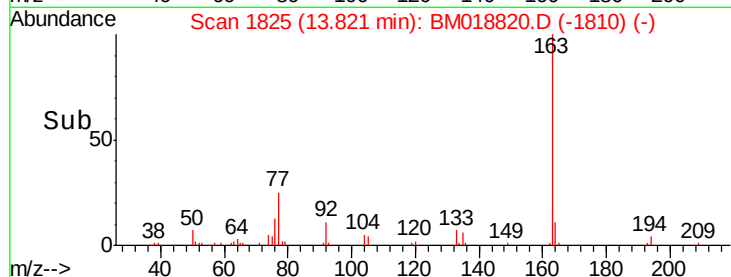
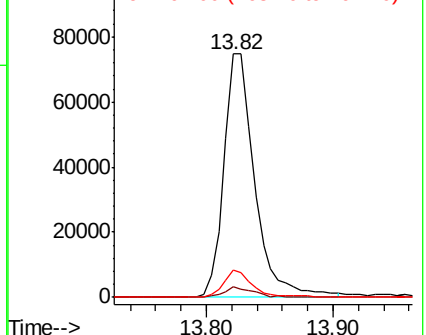
164 11.2 7.8 11.8



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: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

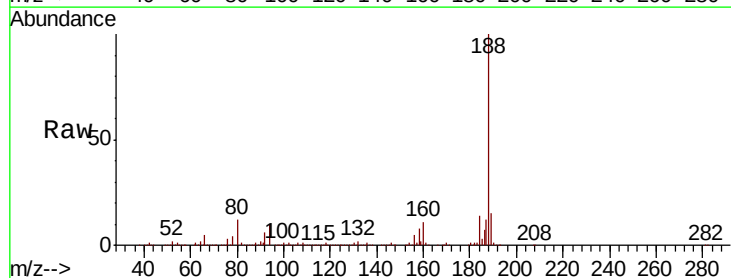
Tgt Ion:188 Resp: 1693414

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

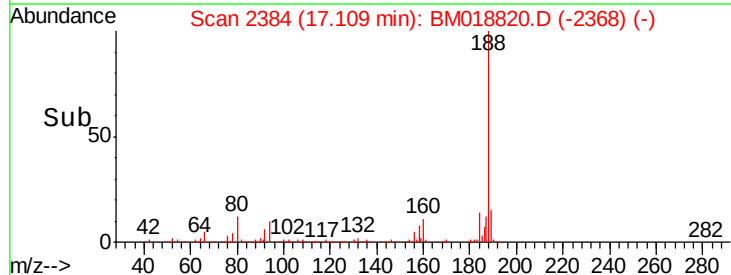
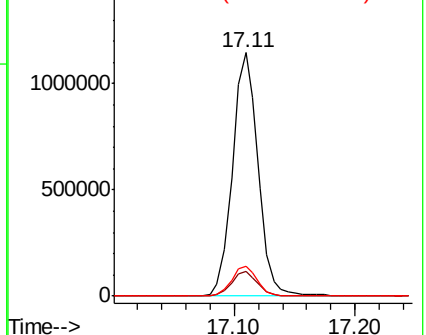
80 12.4 9.7 14.5

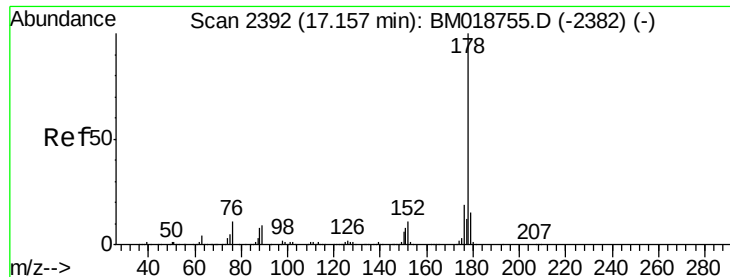


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 3.398 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampleId :

M-3-D

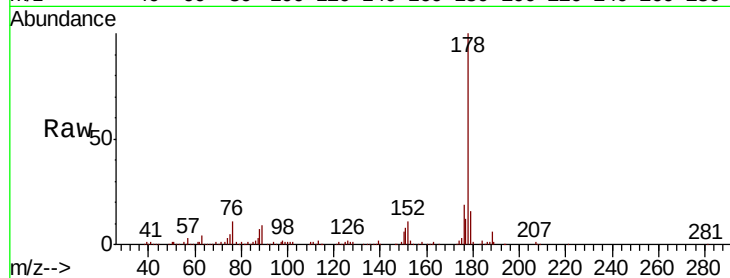
Tgt Ion:178 Resp: 309240

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

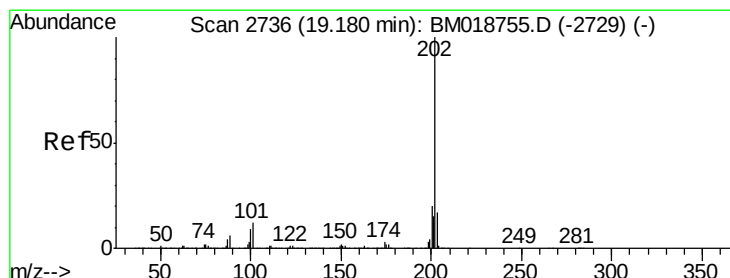
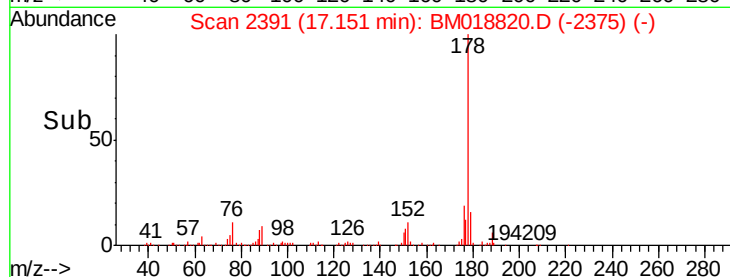
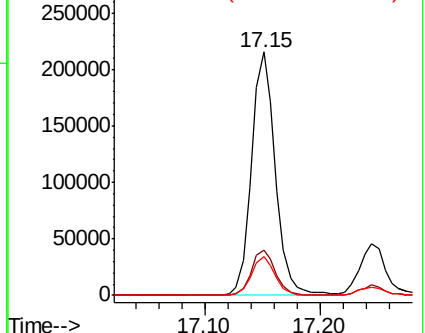
179 15.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.989 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

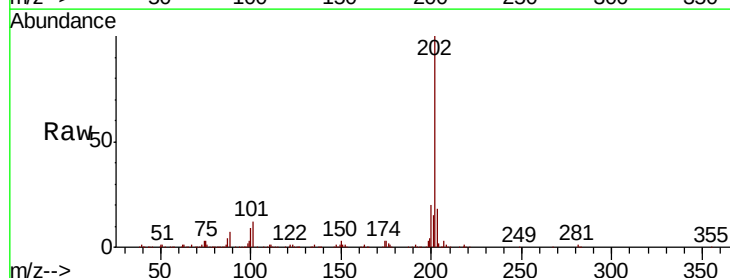
Tgt Ion:202 Resp: 419391

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

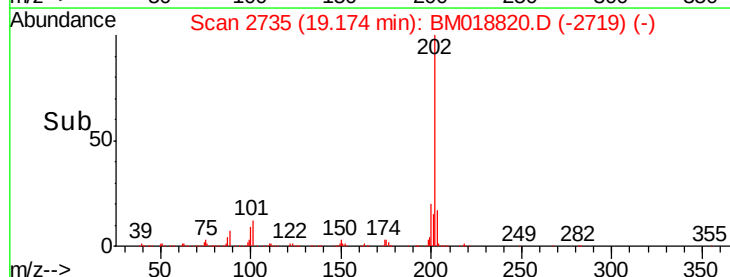
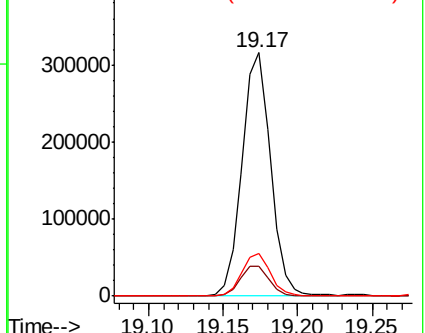
203 17.5 0.0 37.3

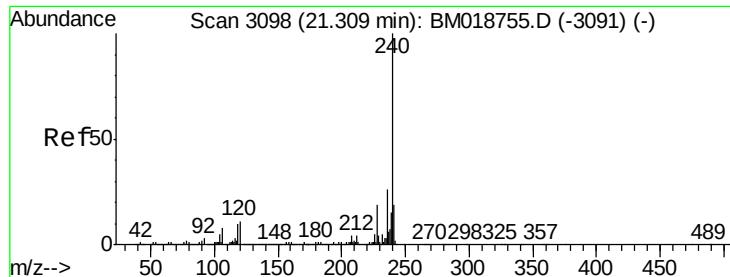


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

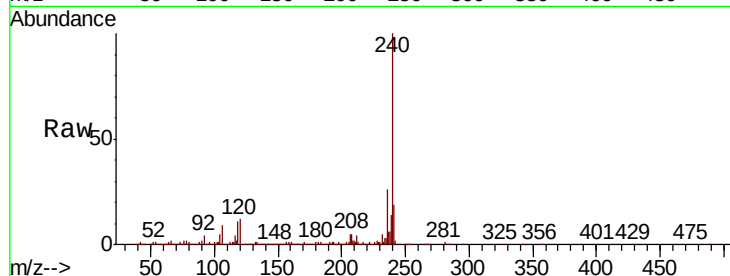




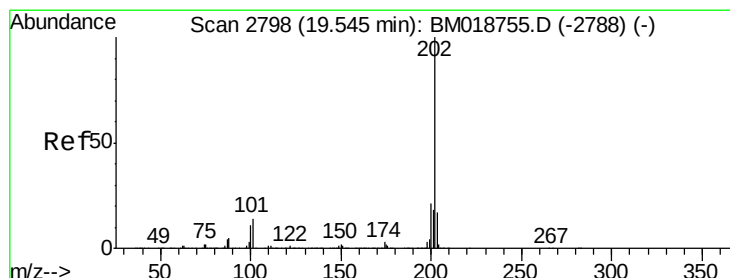
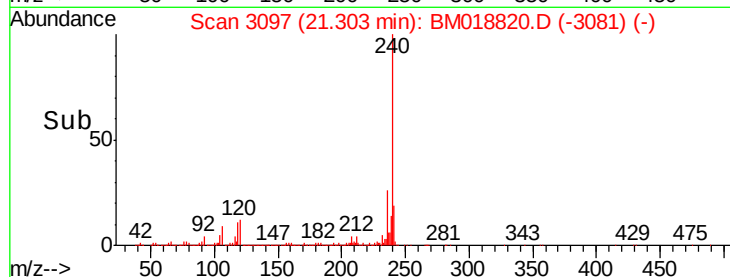
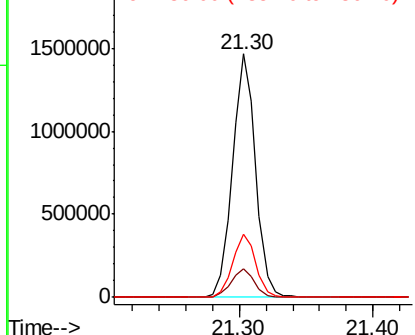
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BM018820.D
 Acq: 15 Feb 2019 17:06

Instrument :
 BNA_M
 ClientSampleId :
 M-3-D

Tgt Ion:240 Resp: 1768049
 Ion Ratio Lower Upper
 240 100
 120 11.8 8.9 13.3
 236 26.1 20.9 31.3

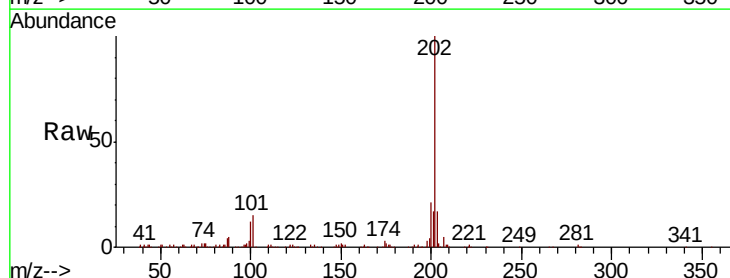


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

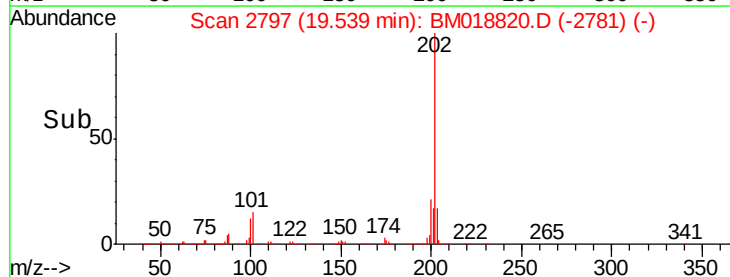
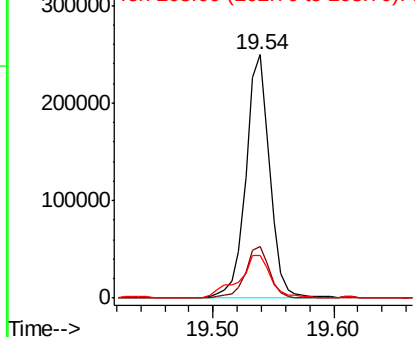


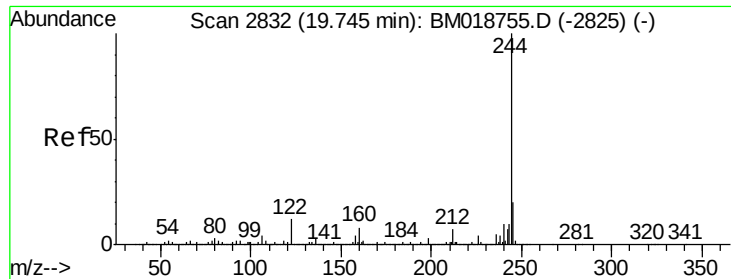
#78
 Pyrene
 Concen: 3.360 ng
 RT: 19.54 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BM018820.D
 Acq: 15 Feb 2019 17:06

Tgt Ion:202 Resp: 345070
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.9 25.3
 203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 49.978 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

Instrument :

BNA_M

ClientSampleId :

M-3-D

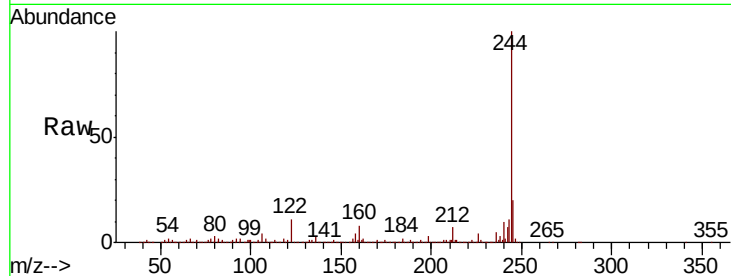
Tgt Ion:244 Resp: 4283493

Ion Ratio Lower Upper

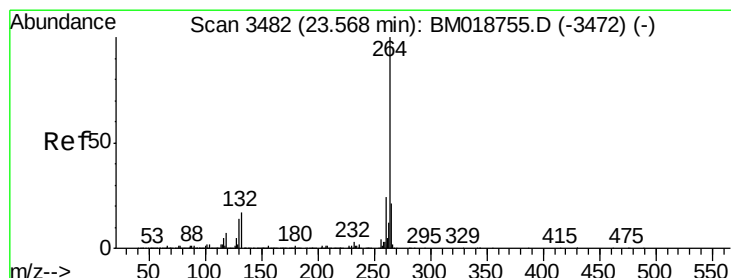
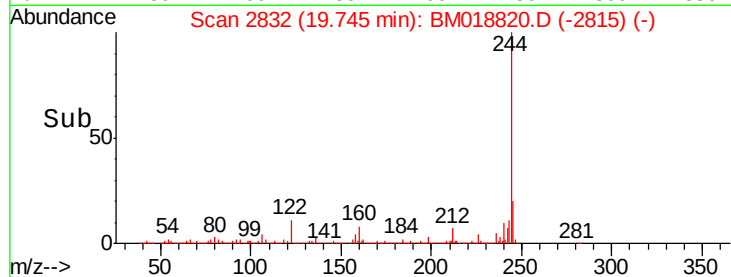
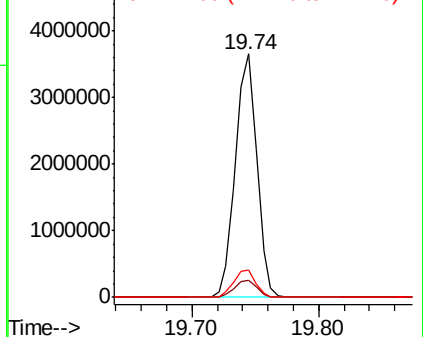
244 100

212 6.9 5.6 8.4

122 11.0 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E
5000000
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: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018820.D

Acq: 15 Feb 2019 17:06

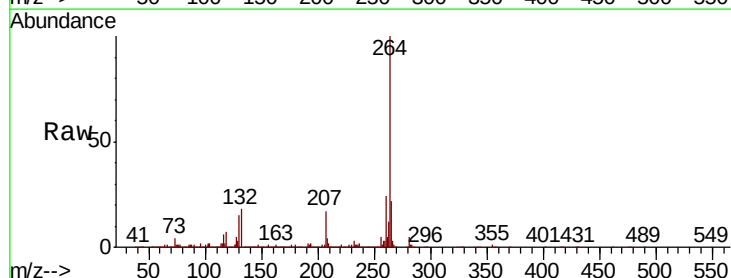
Tgt Ion:264 Resp: 1652521

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
1200000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

