

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026846.D
 Acq On : 22 Jul 2020 23:33
 Operator : JU/CG
 Sample : L3369-03 20X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 481848

Quant Time: Jul 23 02:40:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

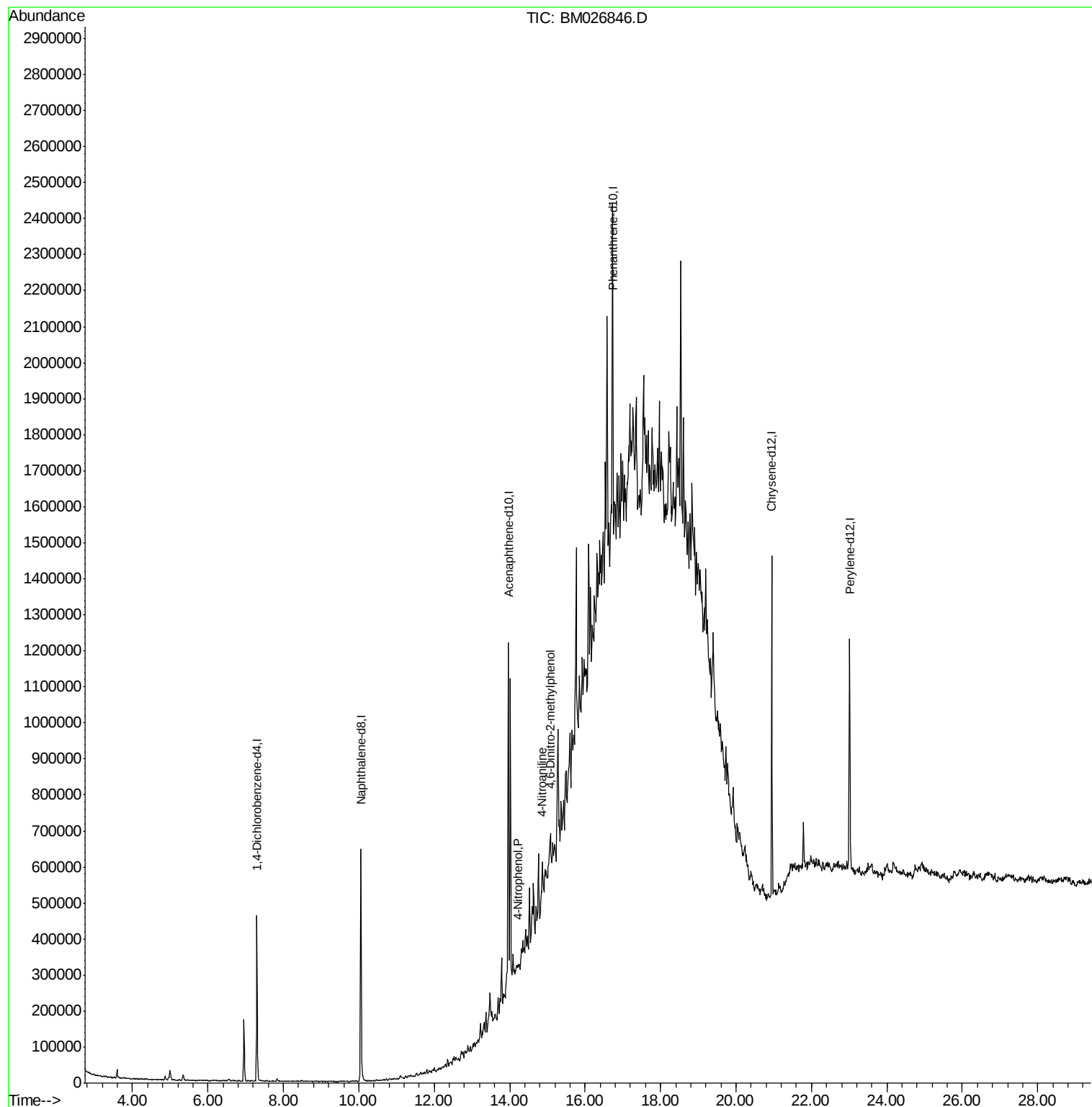
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	108378	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	455799	20.00	ng	0.00
39) Acenaphthene-d10	13.97	164	266256	20.00	ng	0.00
64) Phenanthrene-d10	16.73	188	503349	20.00	ng	0.00
76) Chrysene-d12	20.95	240	402726	20.00	ng	0.00
86) Perylene-d12	23.01	264	390590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	3385	0.52	ng	0.01
7) Phenol-d6	6.54	99	3698	0.36	ng	0.03
23) Nitrobenzene-d5	8.47	82	2371	0.22	ng	0.02
42) 2,4,6-Tribromophenol	15.48	330	1146	0.30	ng	0.01
45) 2-Fluorobiphenyl	12.57	172	7983	0.40	ng	0.00
79) Terphenyl-d14	19.39	244	9201	0.45	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.24	139	736	4.071	ng	# 1
62) 4-Nitroaniline	14.86	138	4583	3.864	ng	94
65) 4,6-Dinitro-2-methylphenol	15.08	198	60	4.549	ng	# 1

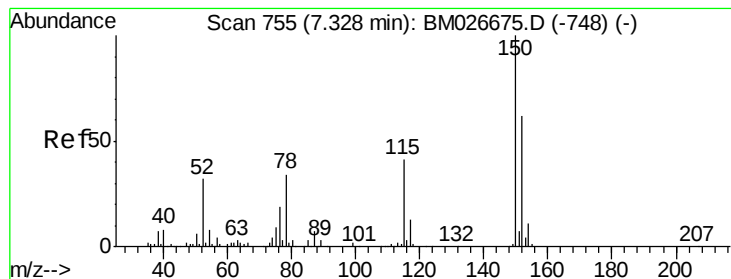
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026846.D
Acq On : 22 Jul 2020 23:33
Operator : JU/CG
Sample : L3369-03 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
481848

Quant Time: Jul 23 02:40:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration



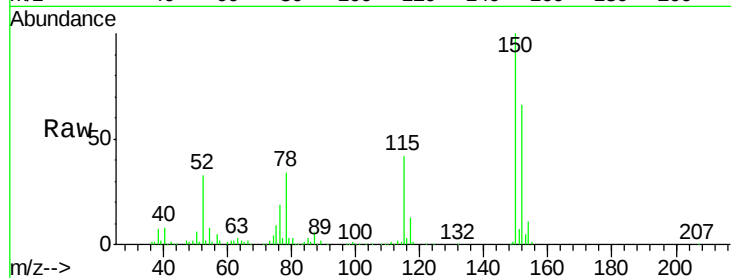


#1

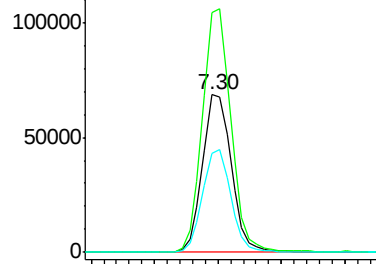
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Instrument :
BNA_M
ClientSampleId :
481848

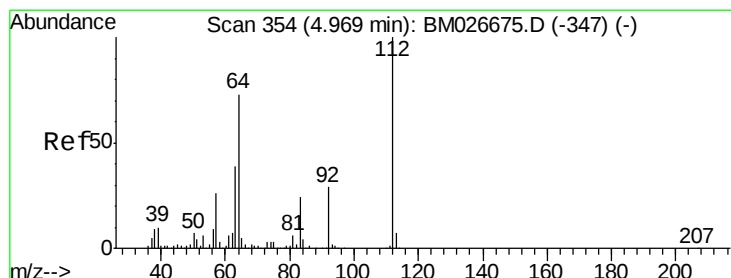
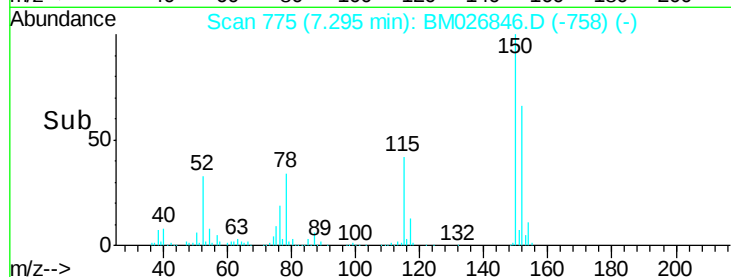
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	128.1	192.1
115	63.1	52.2	78.4



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



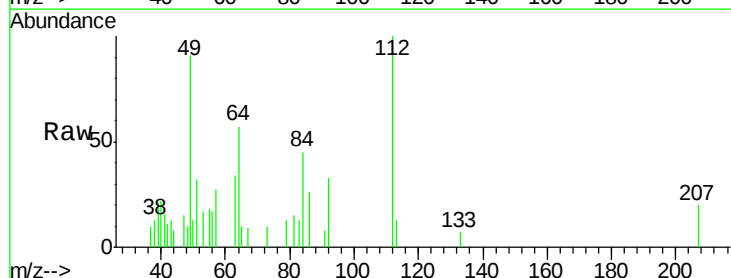
Time--> 7.20 7.25 7.30 7.35 7.40



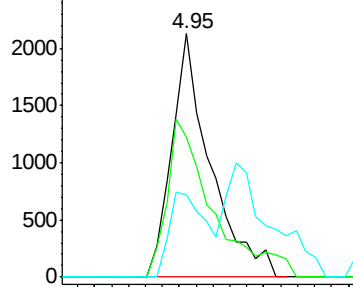
#5

2-Fluorophenol
Concen: 0.523 ng
RT: 4.95 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

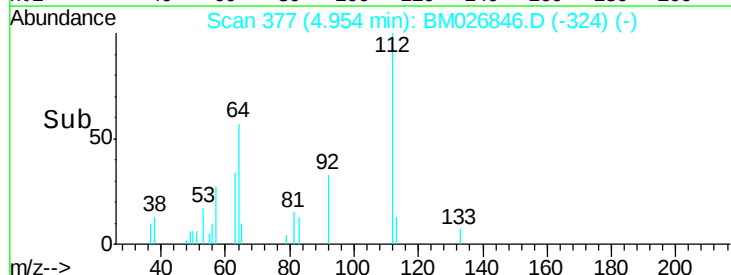
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	58.4	87.6#
63	33.8	31.5	47.3

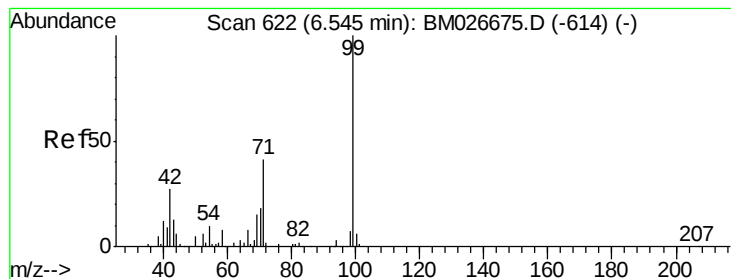


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0



Time--> 4.90 4.95 5.00





#7

Phenol-d6

Concen: 0.359 ng

RT: 6.54 min Scan# 647

Delta R.T. 0.03 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Instrument :

BNA_M

ClientSampleId :

481848

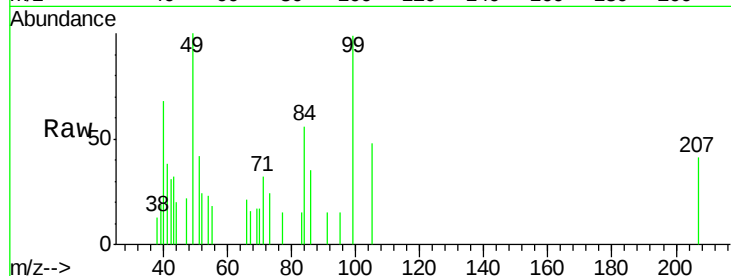
Tot Ion: 99 Resp: 3698

Ion Ratio Lower Upper

99 100

42 31.0 21.7 32.5

71 32.2 33.2 49.8#

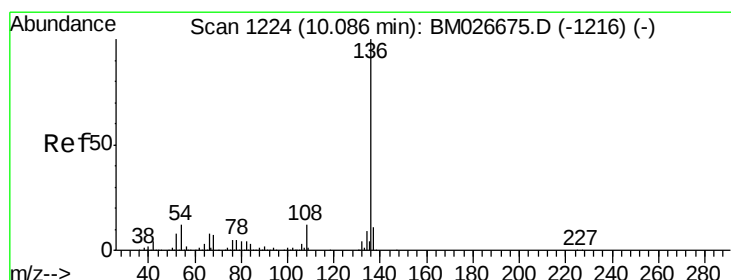
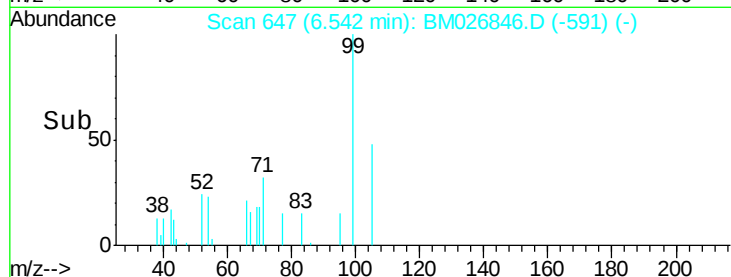
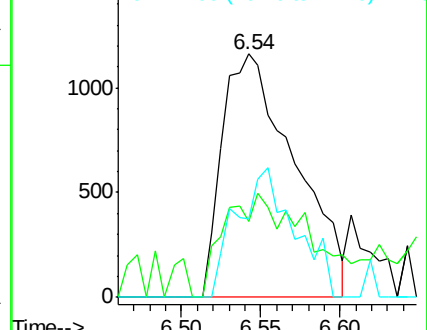


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Tgt Ion: 136 Resp: 455799

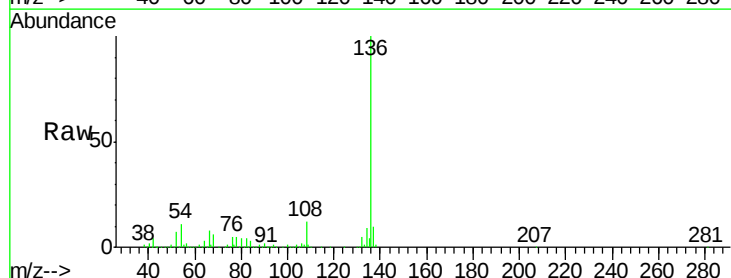
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 11.3 9.8 14.6

68 6.0 5.8 8.6



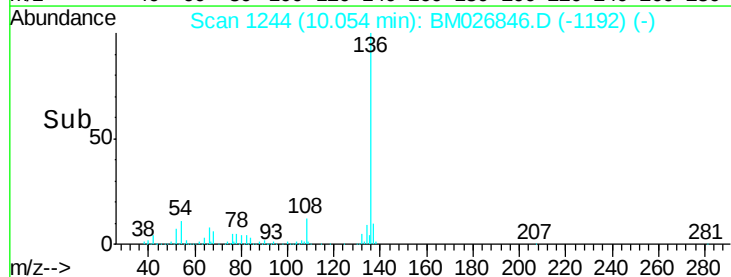
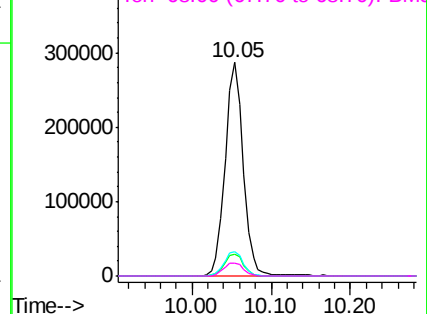
Abundance

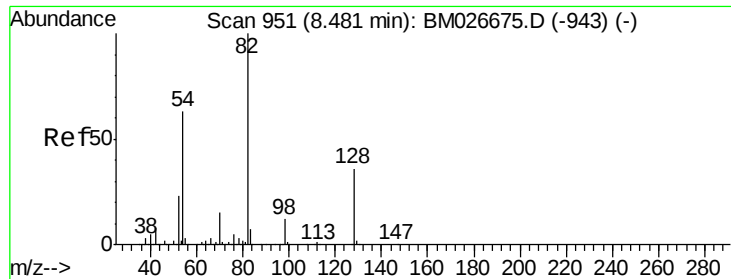
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

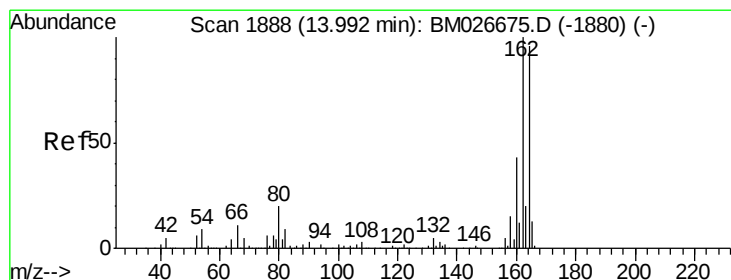
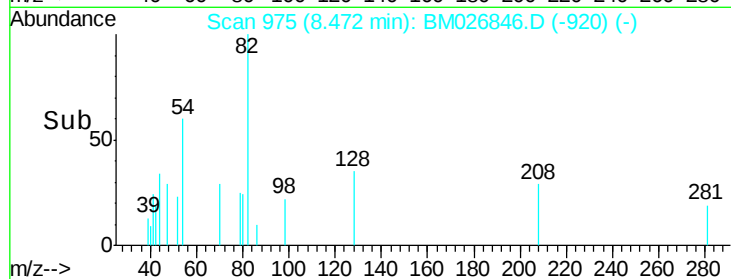
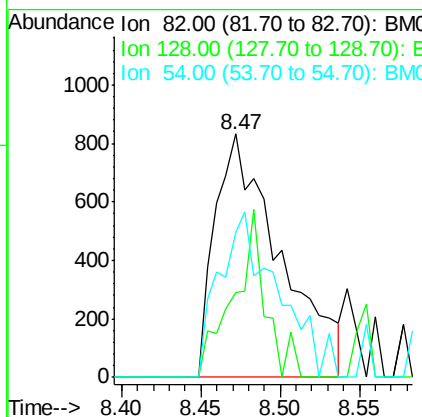
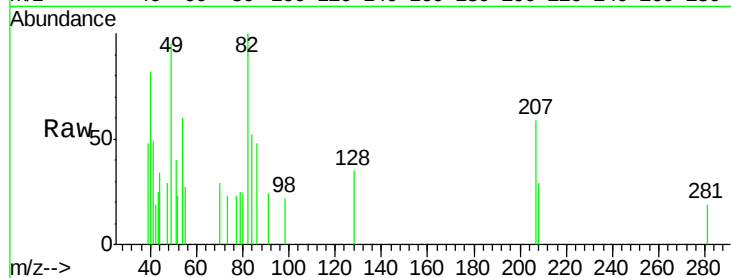




#23
 Nitrobenzene-d5
 Concen: 0.222 ng
 RT: 8.47 min Scan# 975
 Delta R.T. 0.02 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

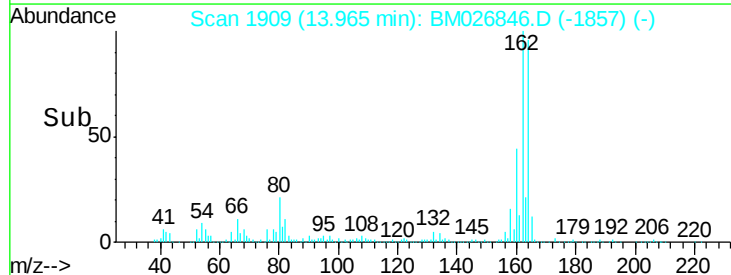
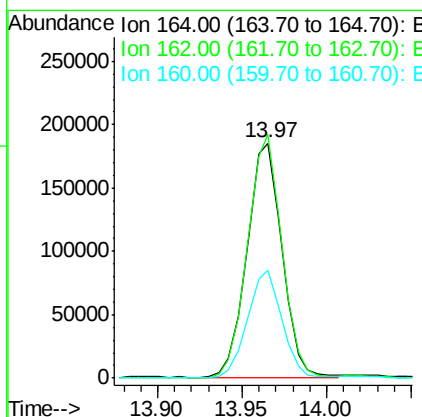
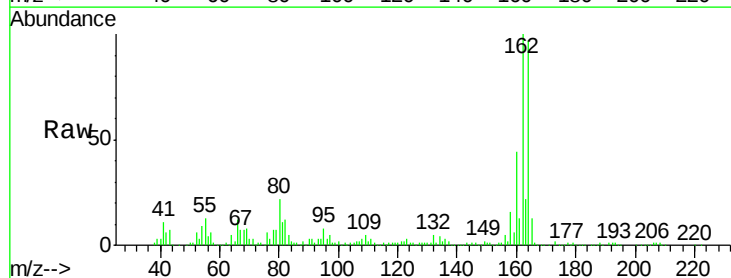
Instrument :
 BNA_M
 ClientSampleId :
 481848

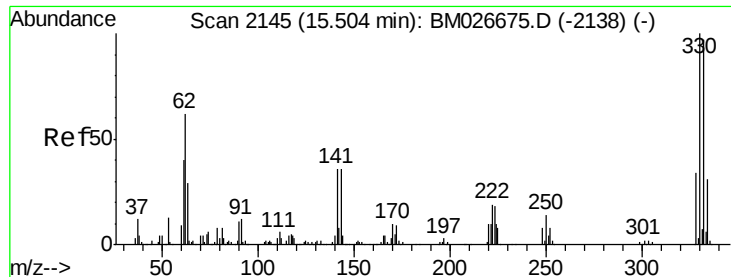
Tot Ion: 82 Resp: 2371
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.1 43.7
 54 59.8 50.2 75.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.97 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Tgt Ion: 164 Resp: 266256
 Ion Ratio Lower Upper
 164 100
 162 103.5 83.7 125.5
 160 45.7 36.2 54.2

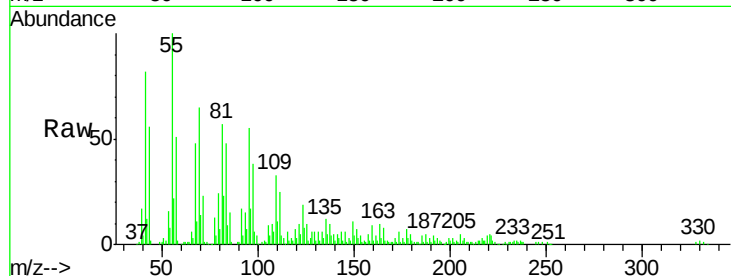




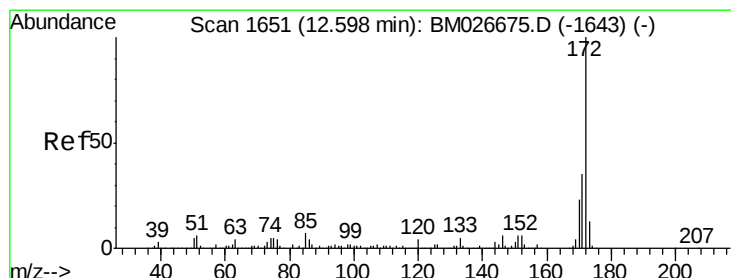
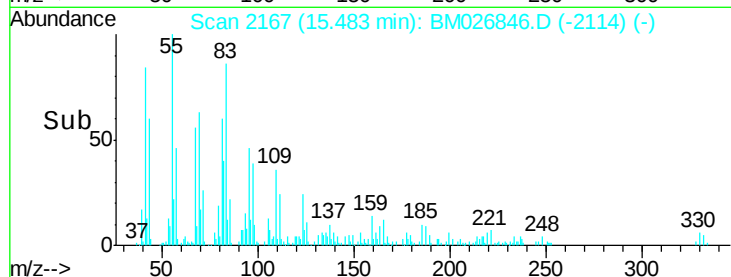
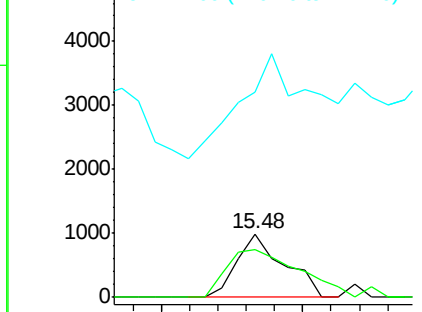
#42
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.48 min Scan# 2167
 Delta R.T. 0.01 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Instrument :
 BNA_M
 ClientSampleId :
 481848

Tot Ion:330 Resp: 1146
 Ion Ratio Lower Upper
 330 100
 332 120.8 77.5 116.3#
 141 257.4 32.4 48.6#

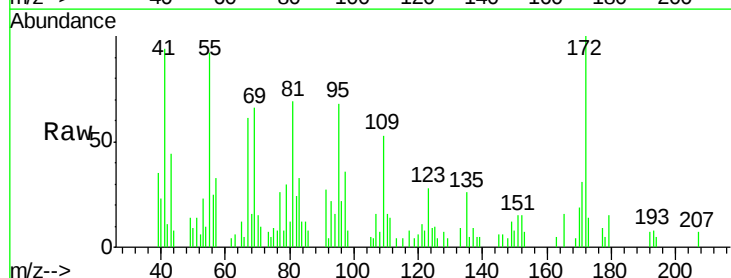


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

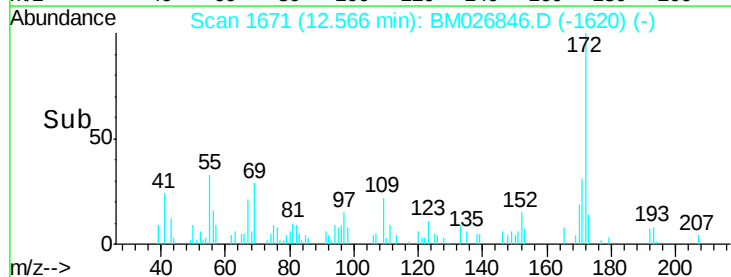
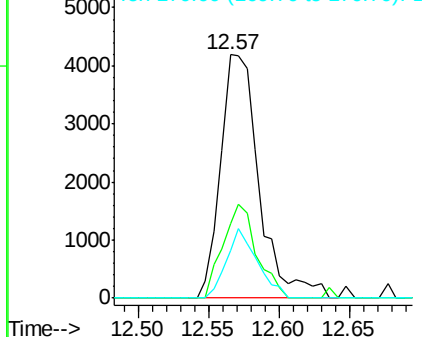


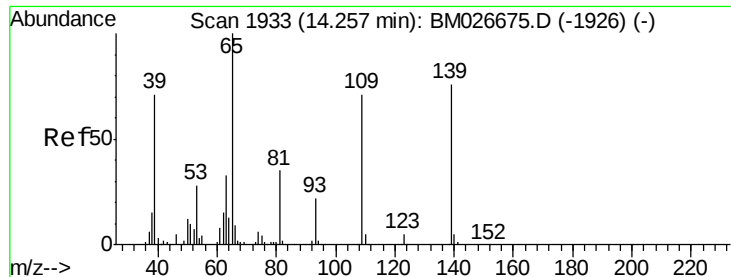
#45
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 12.57 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Tgt Ion:172 Resp: 7983
 Ion Ratio Lower Upper
 172 100
 171 30.6 27.8 41.6
 170 19.5 18.5 27.7



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





#56

4-Nitrophenol

Concen: 4.071 ng

RT: 14.24 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Instrument :

BNA_M

ClientSampleId :

481848

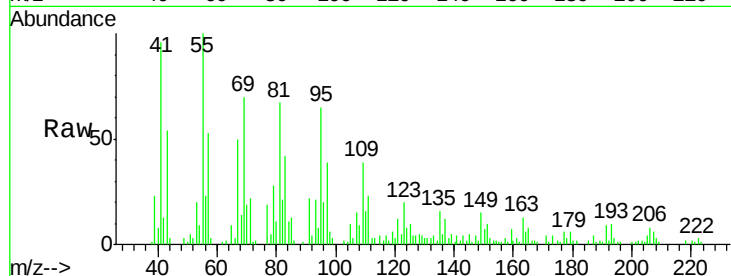
Tot Ion:139 Resp: 736

Ion Ratio Lower Upper

139 100

109 815.8 73.7 113.7#

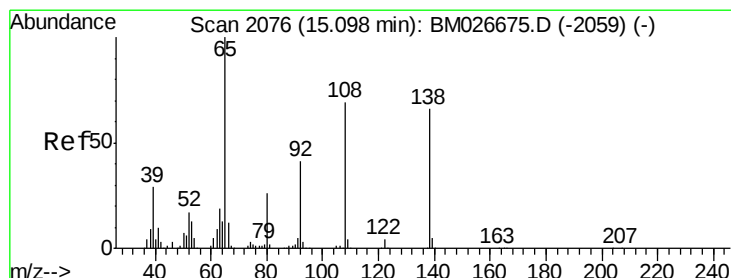
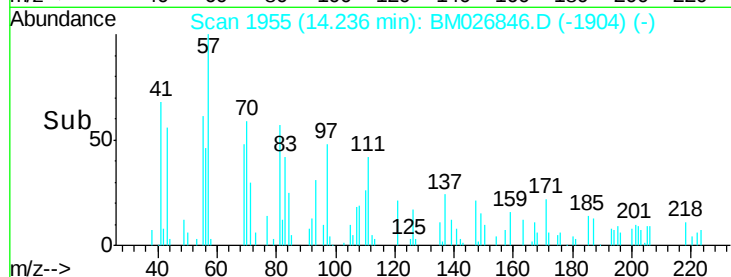
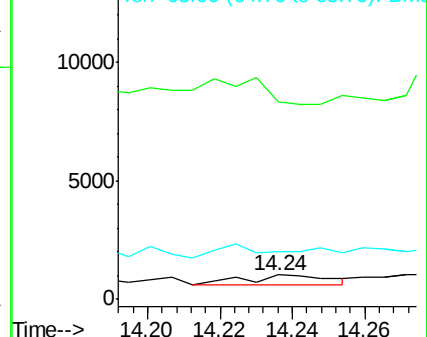
65 196.1 111.5 151.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#62

4-Nitroaniline

Concen: 3.864 ng

RT: 14.86 min Scan# 2061

Delta R.T. -0.21 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

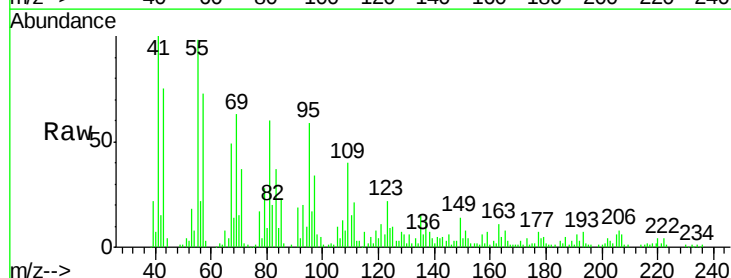
Tgt Ion:138 Resp: 4583

Ion Ratio Lower Upper

138 100

92 55.5 41.5 81.5

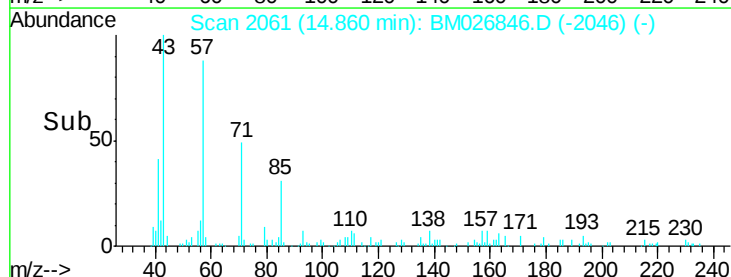
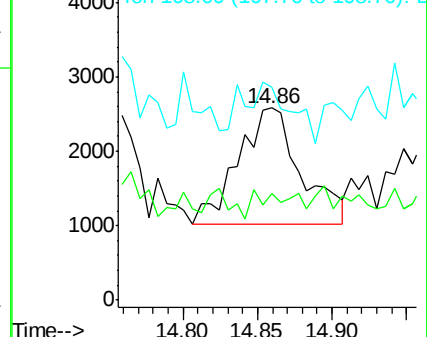
108 110.6 84.8 124.8

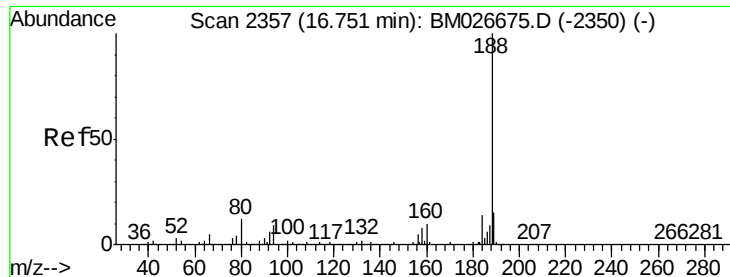


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.73 min Scan# 2379

Delta R.T. 0.01 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

Instrument :

BNA_M

ClientSampleId :

481848

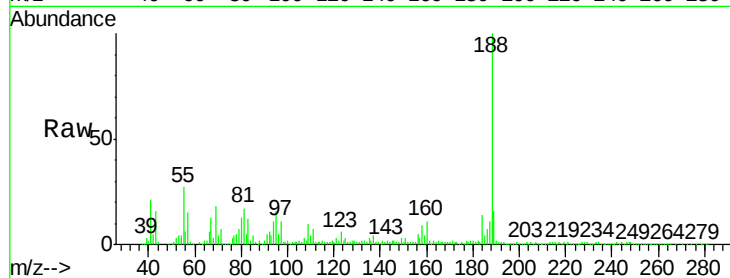
Tot Ion:188 Resp: 503349

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.0#

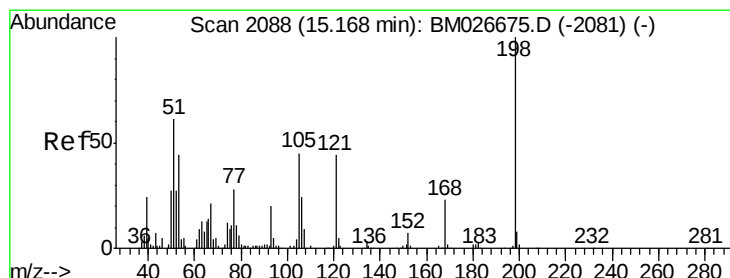
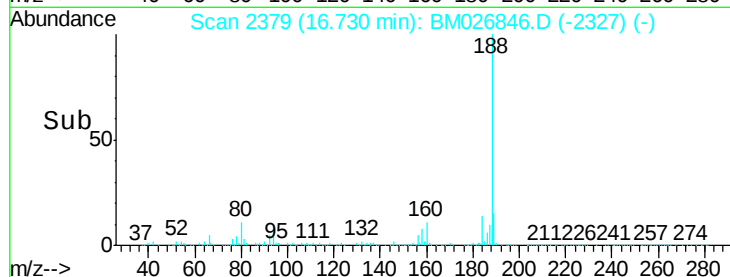
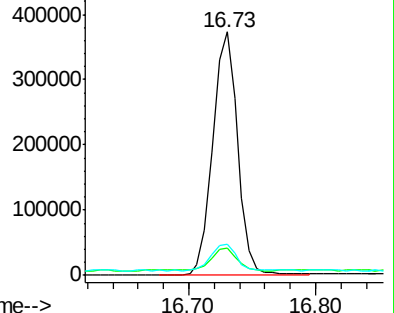
80 12.7 9.3 13.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.549 ng

RT: 15.08 min Scan# 2099

Delta R.T. -0.06 min

Lab File: BM026846.D

Acq: 22 Jul 2020 23:33

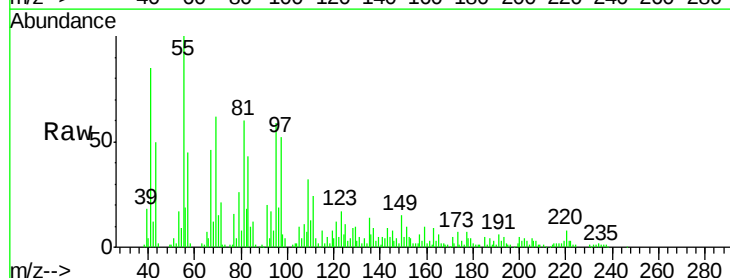
Tgt Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 1033.5 42.0 82.0#

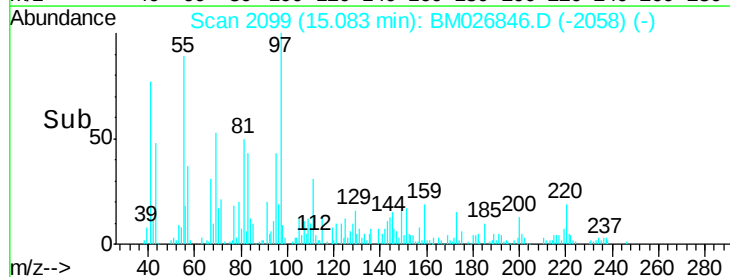
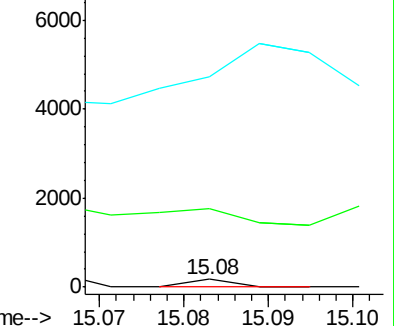
105 2784.1 24.9 64.9#

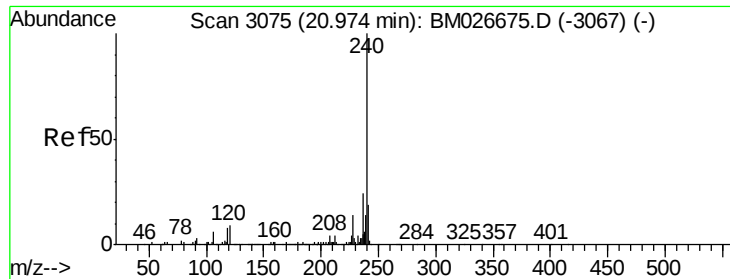


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

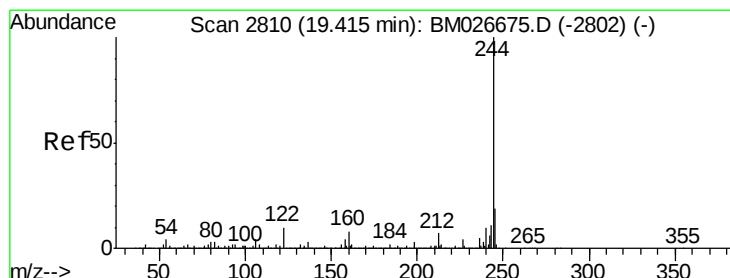
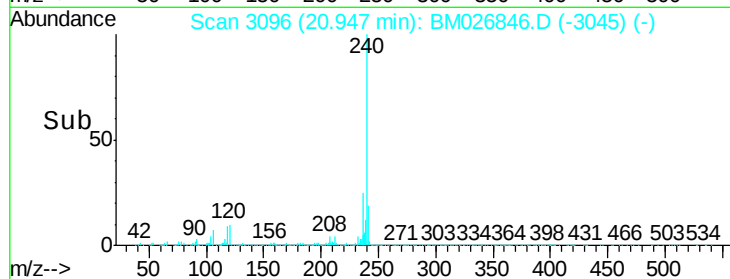
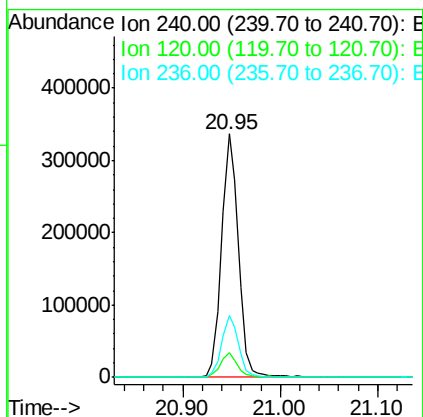
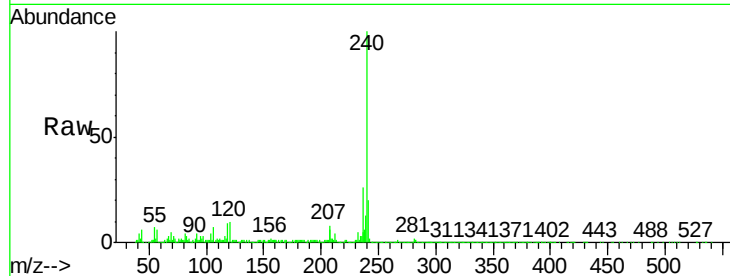




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.95 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

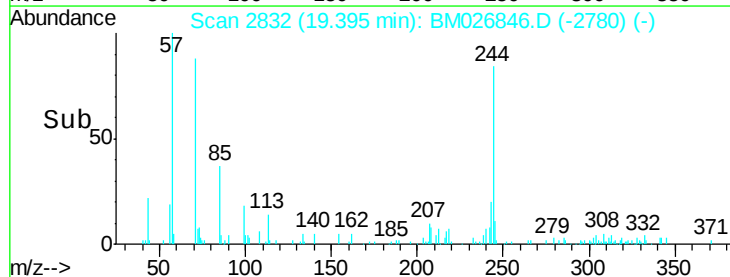
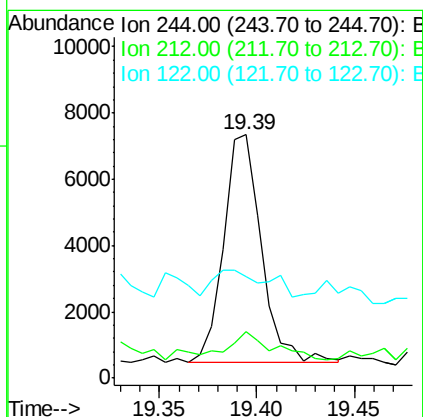
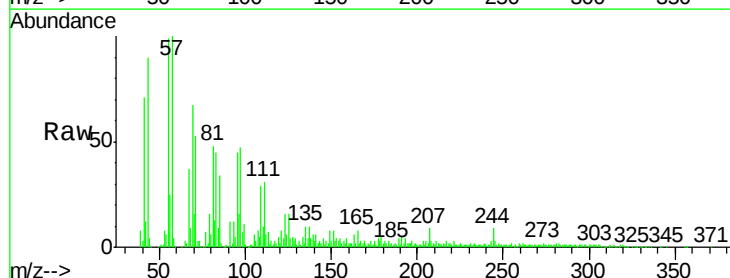
Instrument :
 BNA_M
 ClientSampled :
 481848

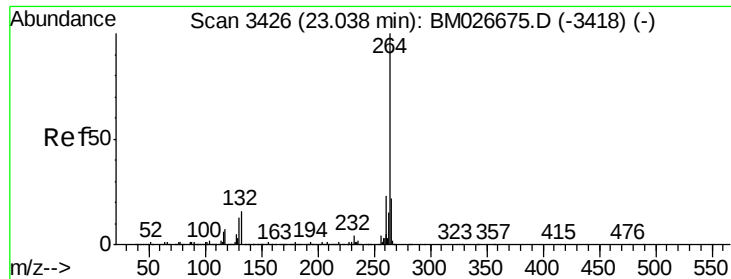
Tot Ion:240 Resp: 402726
 Ion Ratio Lower Upper
 240 100
 120 10.1 7.3 10.9
 236 25.6 19.4 29.2



#79
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.39 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BM026846.D
 Acq: 22 Jul 2020 23:33

Tgt Ion:244 Resp: 9201
 Ion Ratio Lower Upper
 244 100
 212 19.1 5.9 8.9#
 122 41.8 8.2 12.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM026846.D
Acq: 22 Jul 2020 23:33

Instrument :
BNA_M
ClientSampleId :
481848

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	22.5	17.6	26.4

