

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026844.D
 Acq On : 22 Jul 2020 22:20
 Operator : JU/CG
 Sample : L3369-01 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 123675

Quant Time: Jul 23 02:39:18 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

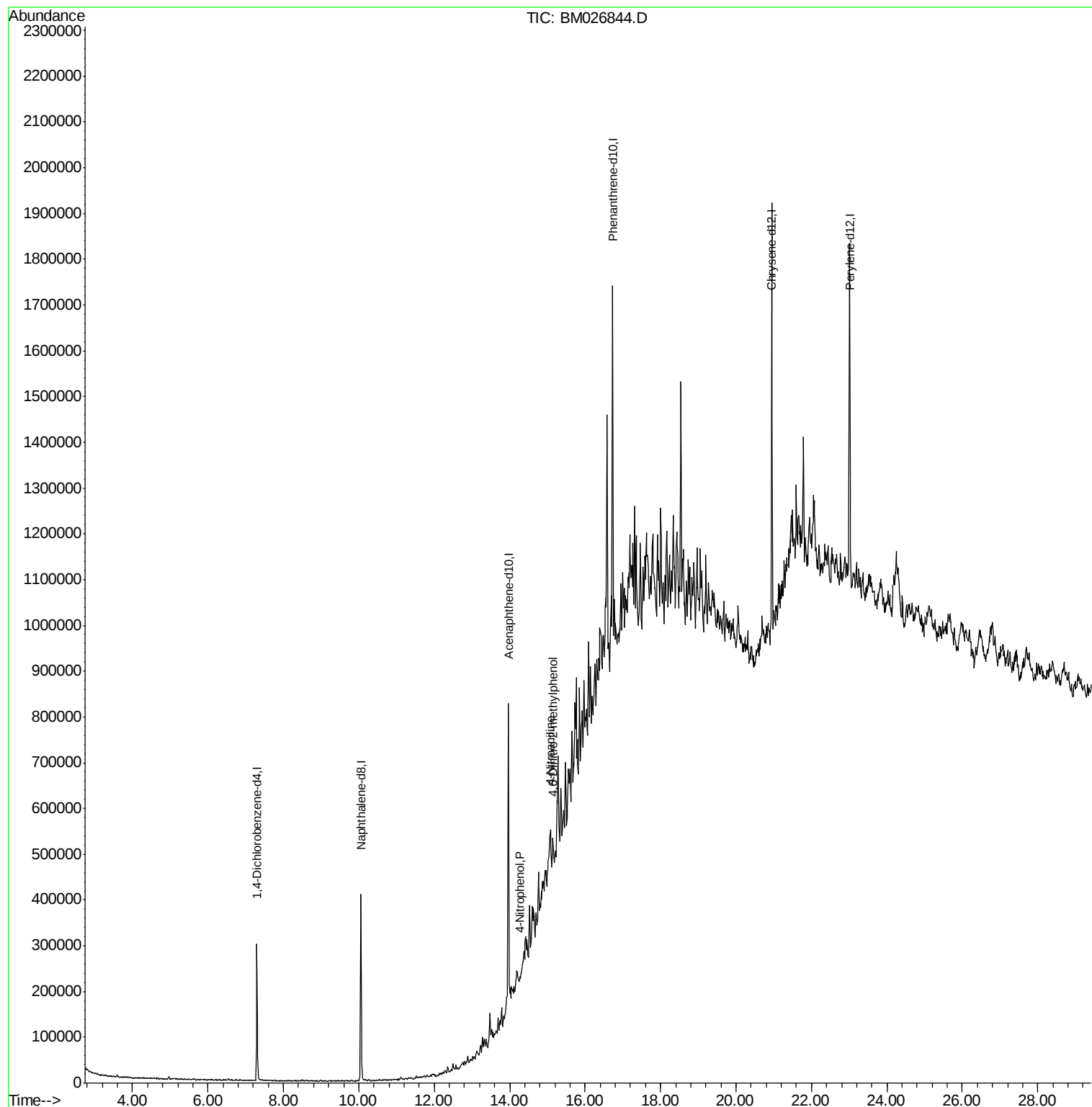
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69408	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	289898	20.00	ng	0.00
39) Acenaphthene-d10	13.97	164	193126	20.00	ng	0.00
64) Phenanthrene-d10	16.73	188	421549	20.00	ng	0.00
76) Chrysene-d12	20.95	240	405195	20.00	ng	0.00
86) Perylene-d12	23.01	264	413844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	2577	0.62	ng	0.01
7) Phenol-d6	6.54	99	1400	0.21	ng	0.03
23) Nitrobenzene-d5	8.48	82	1543	0.23	ng	0.03
42) 2,4,6-Tribromophenol	15.48	330	1276	0.45	ng	0.01
45) 2-Fluorobiphenyl	12.57	172	5267	0.36	ng	0.00
79) Terphenyl-d14	19.39	244	9972	0.48	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.26	139	1043	4.222	ng	# 1
62) 4-Nitroaniline	15.08	138	325	3.212	ng	# 87
65) 4,6-Dinitro-2-methylphenol	15.15	198	308	4.624	ng	# 1

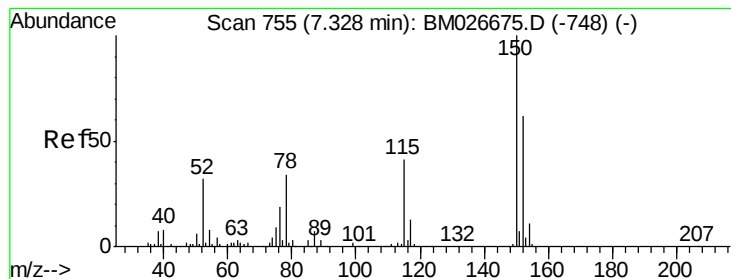
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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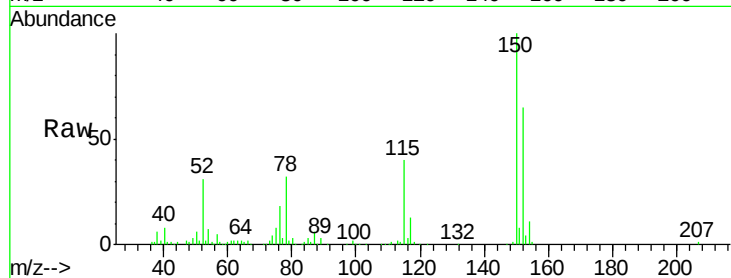


#1

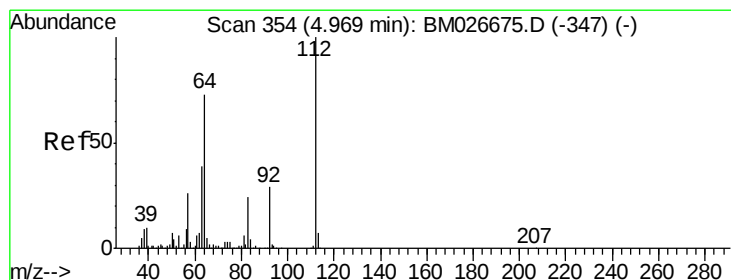
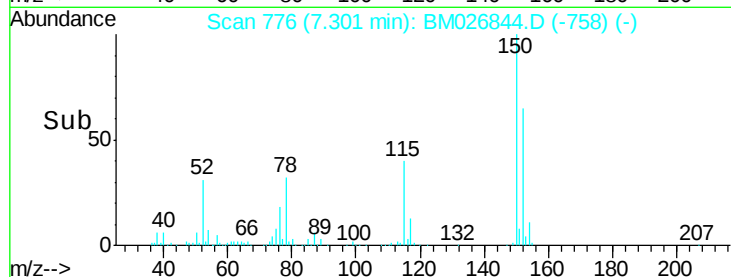
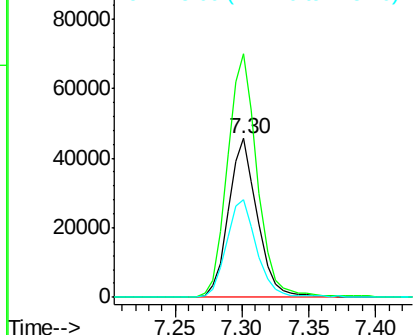
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 776
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Instrument :
BNA_M
ClientSampled :
123675

Tot Ion:152 Resp: 69408
Ion Ratio Lower Upper
152 100
150 153.3 128.1 192.1
115 61.3 52.2 78.4



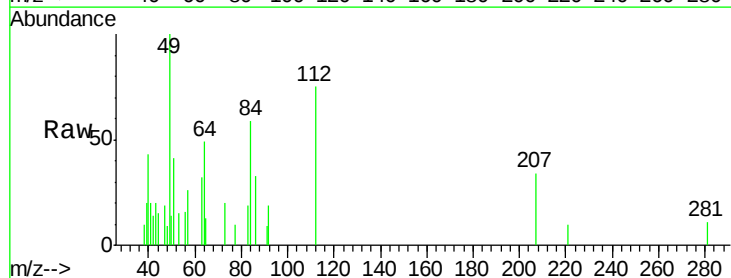
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



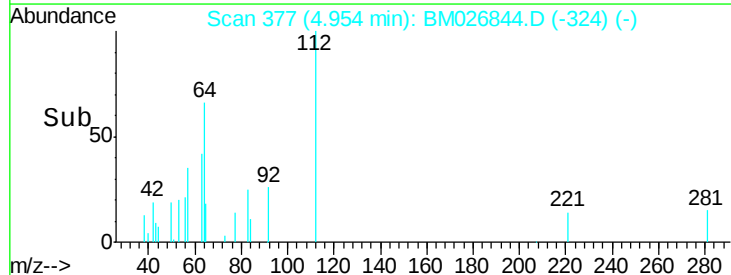
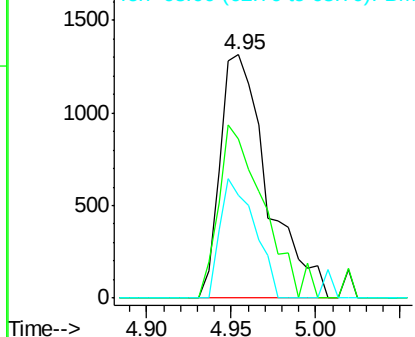
#5

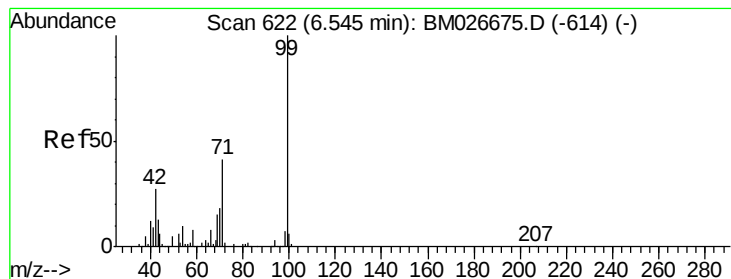
2-Fluorophenol
Concen: 0.622 ng
RT: 4.95 min Scan# 377
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Tgt Ion:112 Resp: 2577
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 42.5 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





#7

Phenol-d6

Concen: 0.212 ng

RT: 6.54 min Scan# 647

Delta R.T. 0.03 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

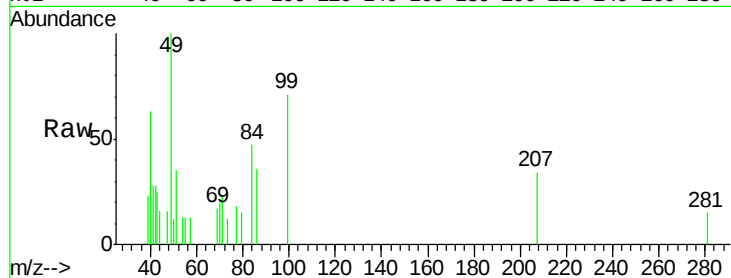
Tot Ion: 99 Resp: 1400

Ion Ratio Lower Upper

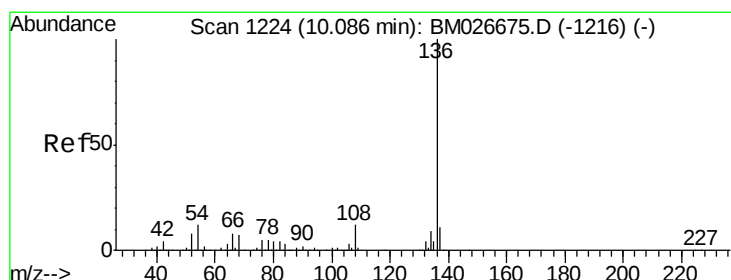
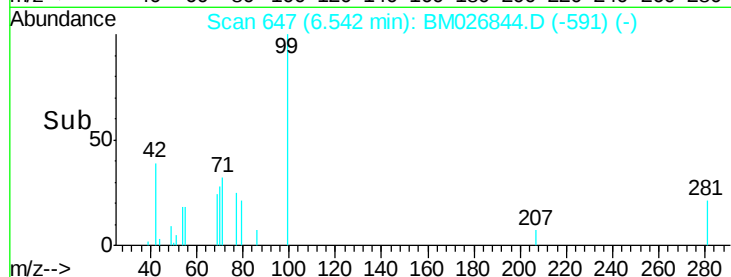
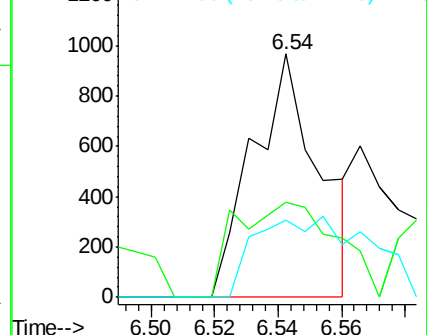
99 100

42 38.8 21.7 32.5#

71 31.6 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: BM026844.D

Acq: 22 Jul 2020 22:20

Tgt Ion: 136 Resp: 289898

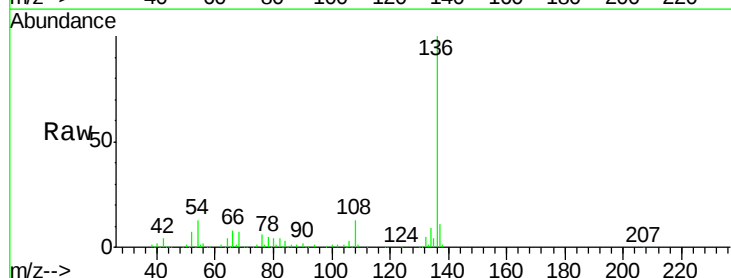
Ion Ratio Lower Upper

136 100

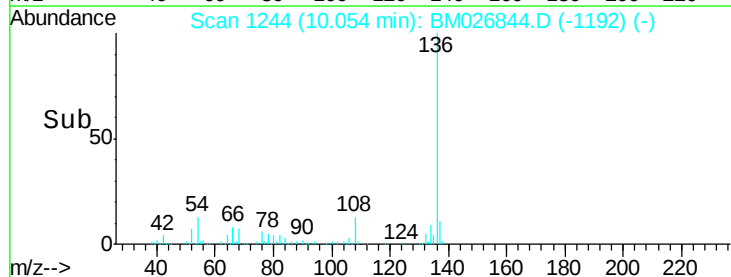
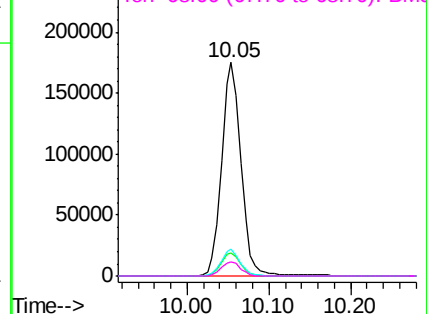
137 10.8 8.6 12.8

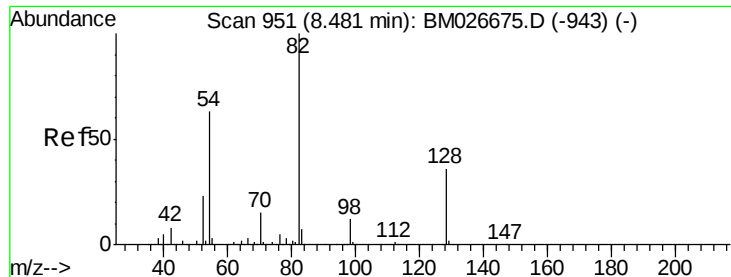
54 12.8 9.8 14.6

68 6.7 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

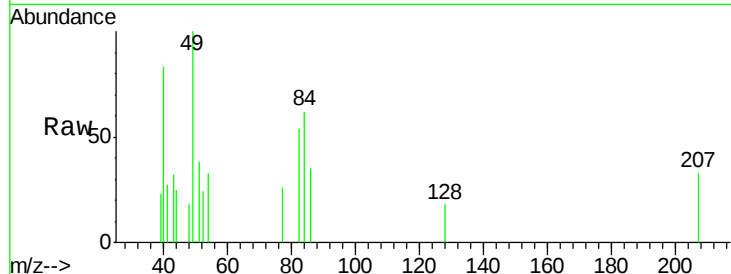




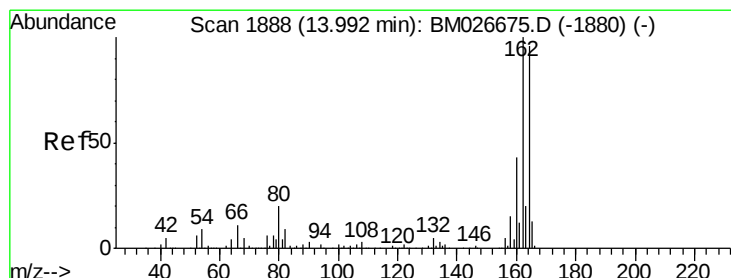
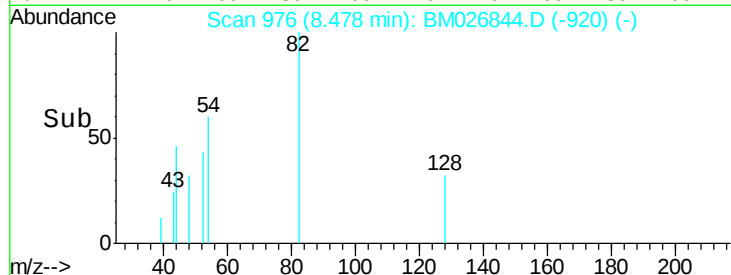
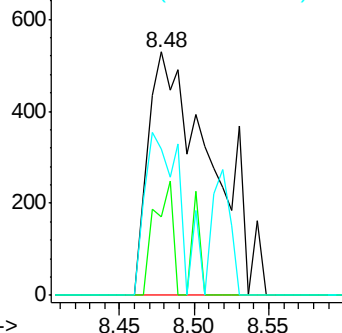
#23
 Nitrobenzene-d5
 Concen: 0.227 ng
 RT: 8.48 min Scan# 976
 Delta R.T. 0.03 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Instrument :
 BNA_M
 ClientSampleId :
 123675

Tot Ion: 82 Resp: 1543
 Ion Ratio Lower Upper
 82 100
 128 32.1 29.1 43.7
 54 60.3 50.2 75.4

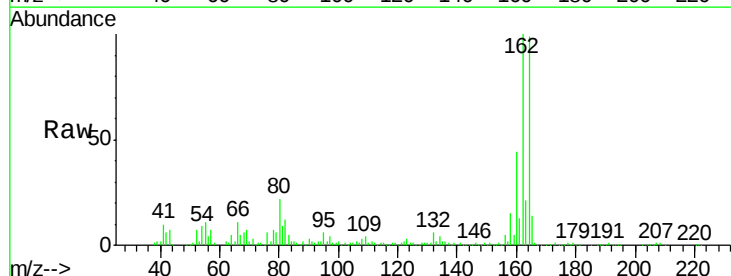


Abundance Ion 82.00 (81.70 to 82.70): BM
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BM

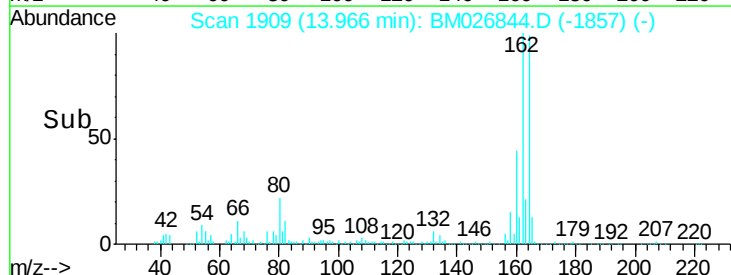
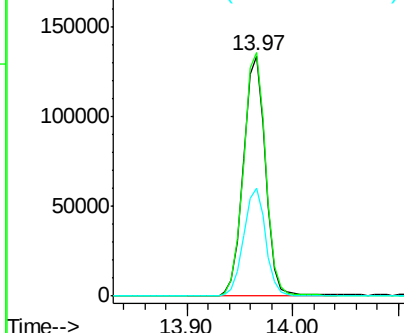


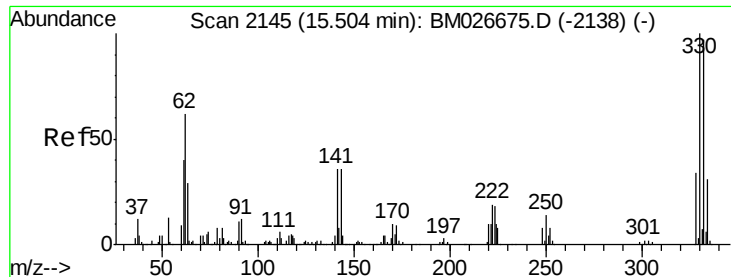
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.97 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BM026844.D
 Acq: 22 Jul 2020 22:20

Tgt Ion:164 Resp: 193126
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.7 125.5
 160 44.7 36.2 54.2



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: 0.454 ng

RT: 15.48 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

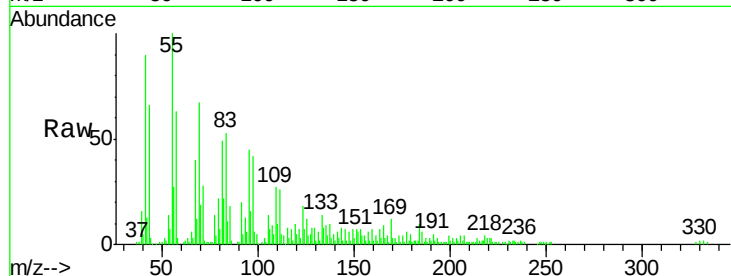
Tot Ion:330 Resp: 1276

Ion Ratio Lower Upper

330 100

332 96.8 77.5 116.3

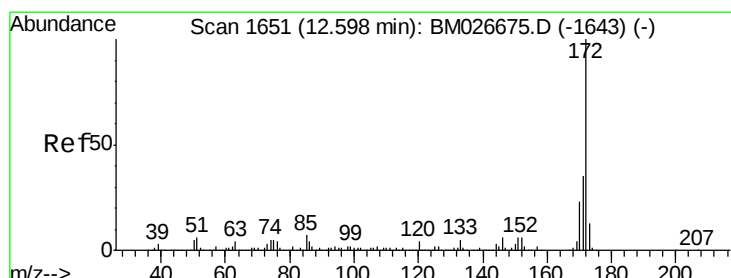
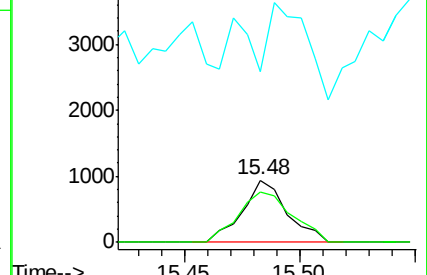
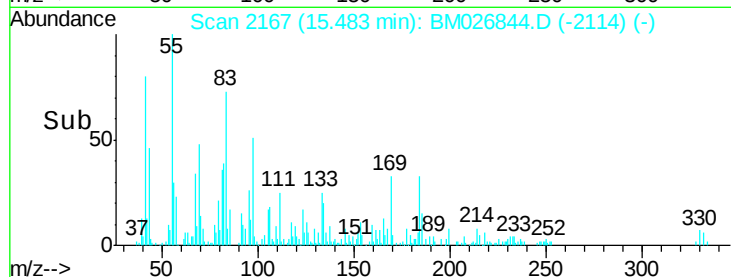
141 127.2 32.4 48.6#



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: 0.363 ng

RT: 12.57 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

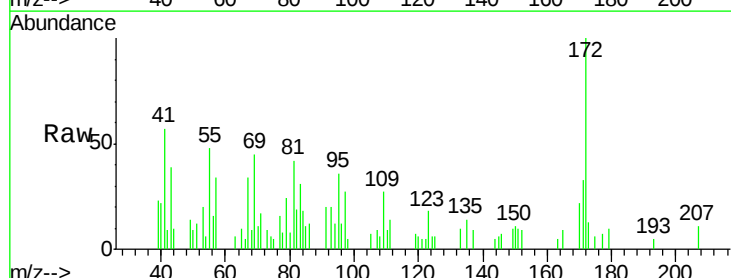
Tgt Ion:172 Resp: 5267

Ion Ratio Lower Upper

172 100

171 33.0 27.8 41.6

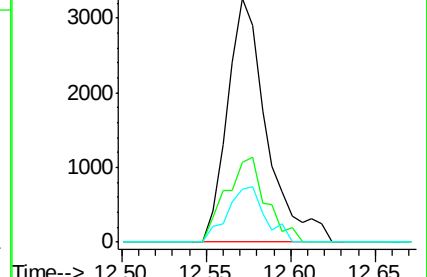
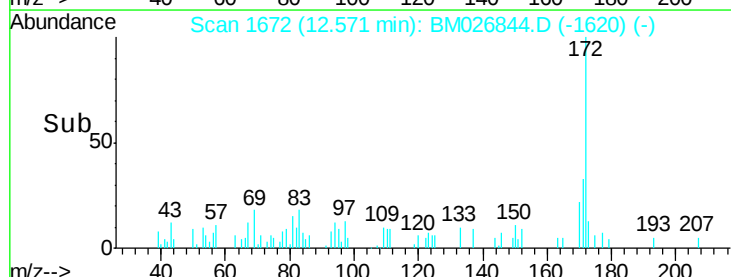
170 21.8 18.5 27.7

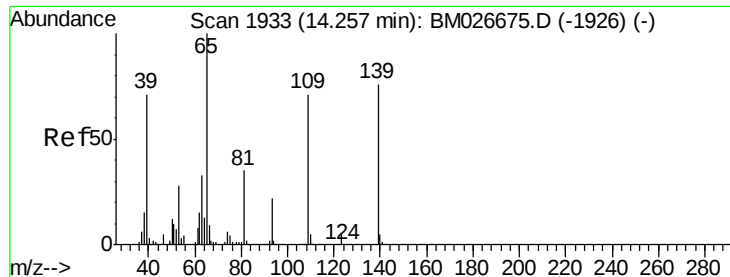


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#56

4-Nitrophenol

Concen: 4.222 ng

RT: 14.26 min Scan# 1959

Delta R.T. 0.02 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

Instrument :

BNA_M

ClientSampleId :

123675

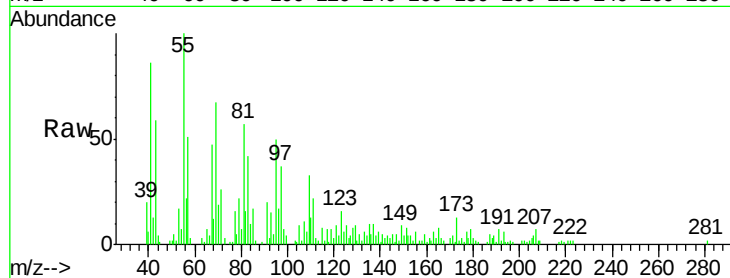
Tot Ion:139 Resp: 1043

Ion Ratio Lower Upper

139 100

109 511.6 73.7 113.7#

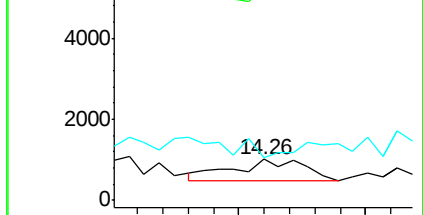
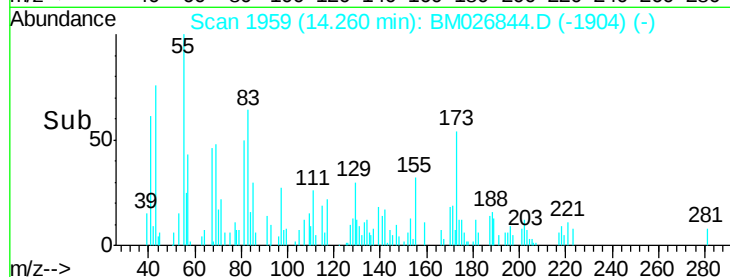
65 103.3 111.5 151.5#



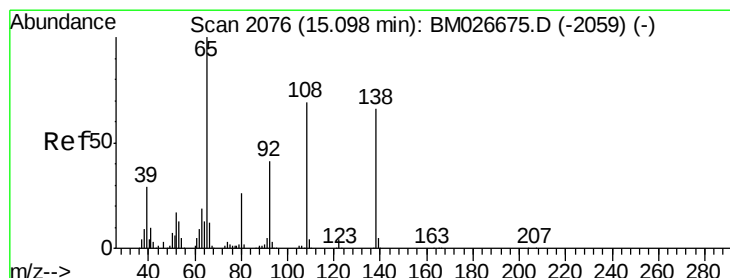
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



Time-->



#62

4-Nitroaniline

Concen: 3.212 ng

RT: 15.08 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BM026844.D

Acq: 22 Jul 2020 22:20

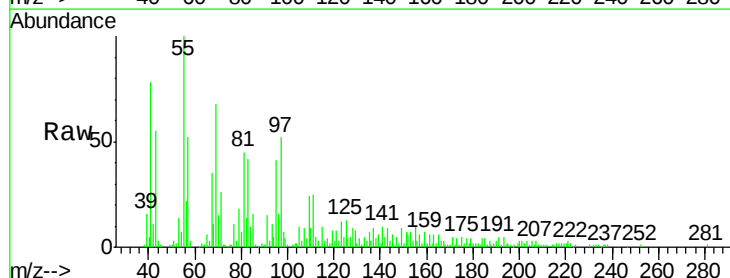
Tgt Ion:138 Resp: 325

Ion Ratio Lower Upper

138 100

92 78.2 41.5 81.5

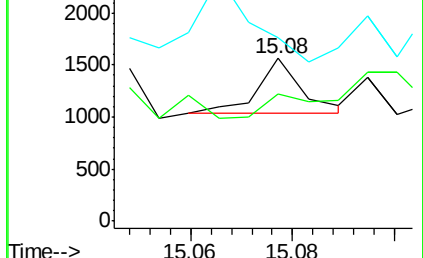
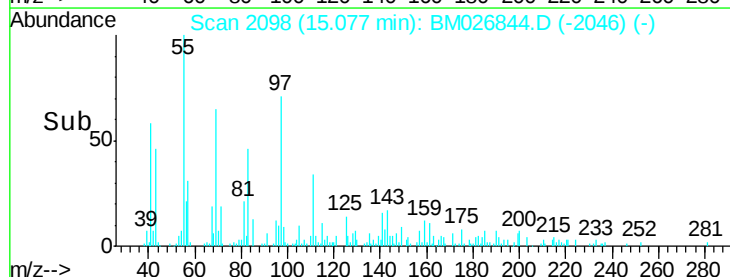
108 113.0 84.8 124.8



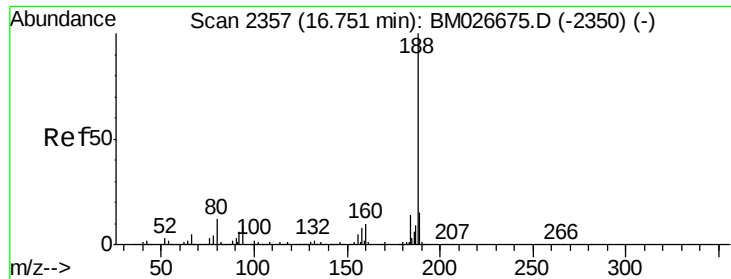
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



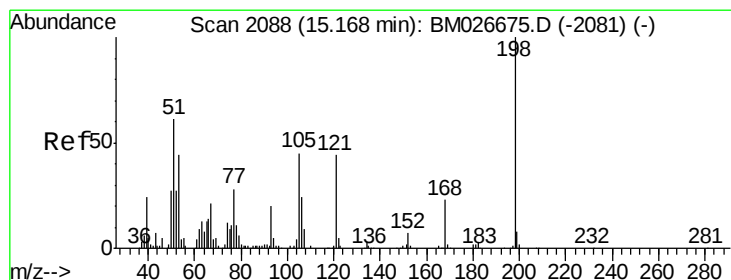
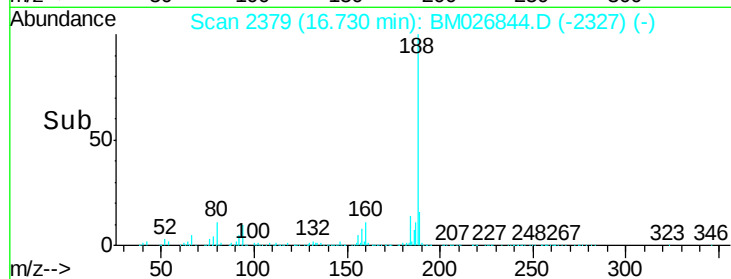
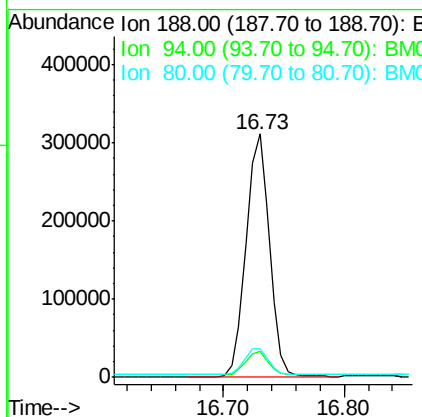
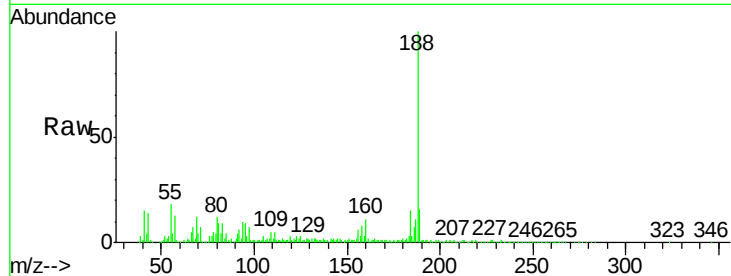
Time-->



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.73 min Scan# 2379
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

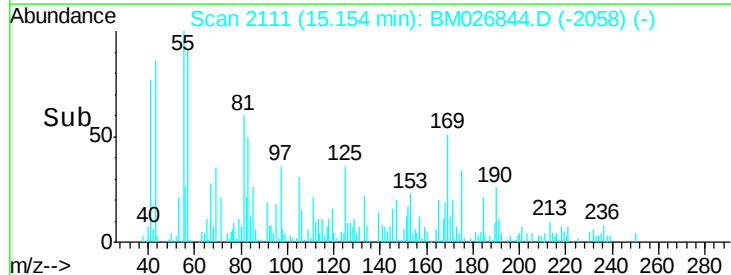
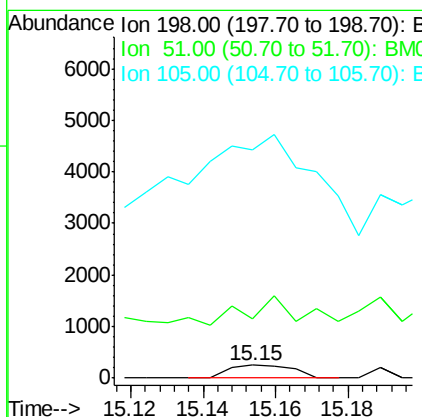
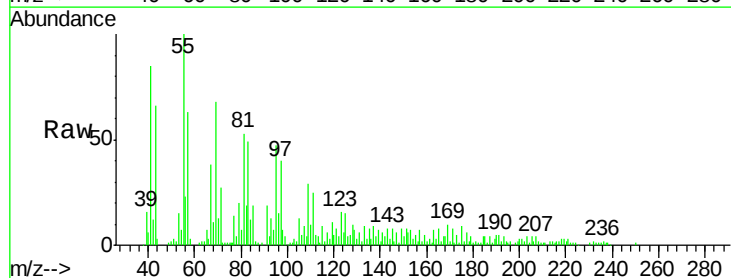
Instrument :
BNA_M
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123675

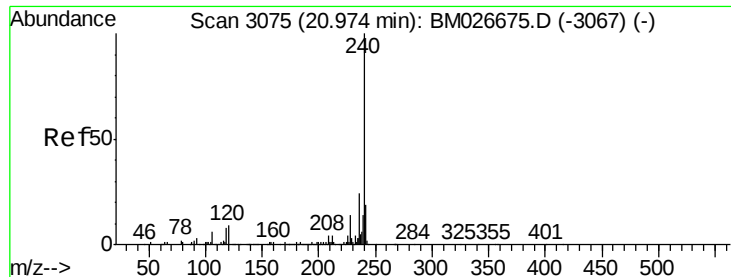
Tot Ion:188 Resp: 421549
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.0
80 11.7 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 4.624 ng
RT: 15.15 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Tgt Ion:198 Resp: 308
Ion Ratio Lower Upper
198 100
51 460.5 42.0 82.0#
105 1789.1 24.9 64.9#

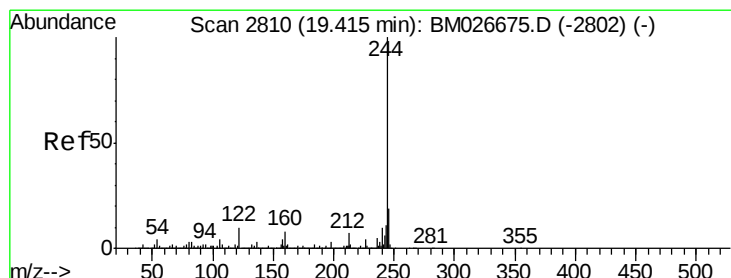
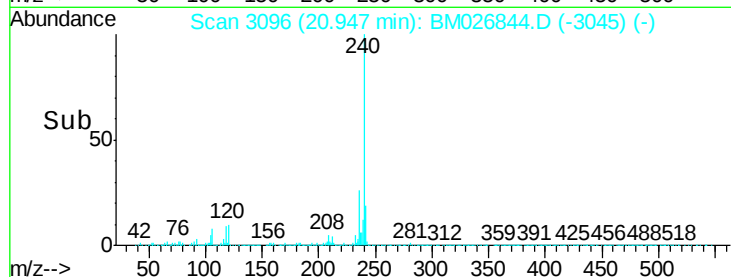
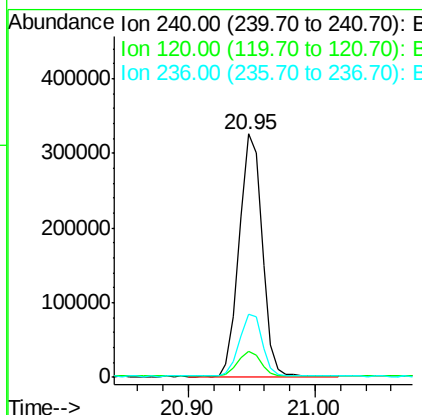
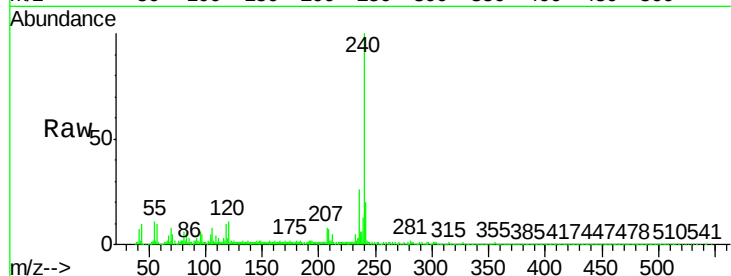




#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.95 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

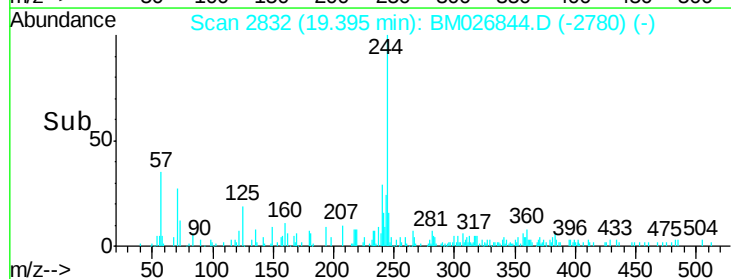
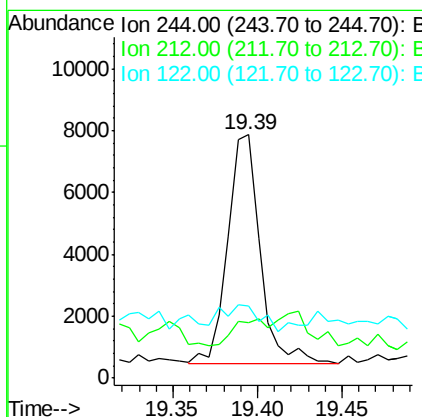
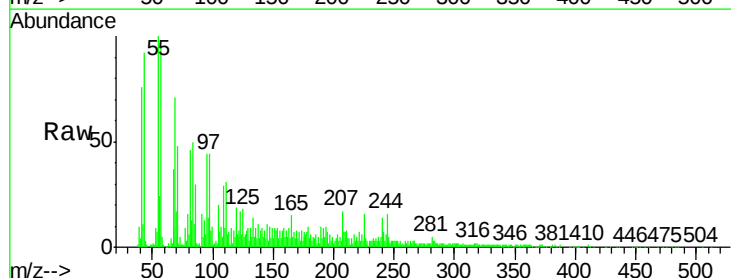
Instrument :
BNA_M
ClientSampleId :
123675

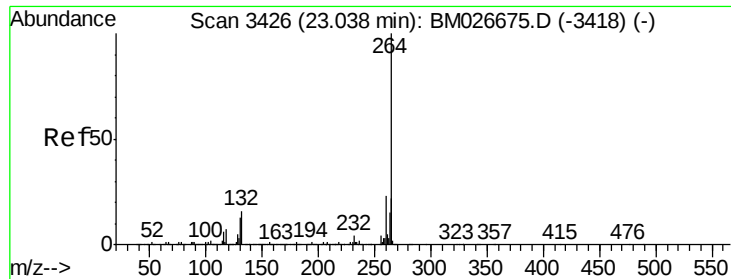
Tot Ion:240 Resp: 405195
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9#
236 26.0 19.4 29.2



#79
Terphenyl-d14
Concen: 0.484 ng
RT: 19.39 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BM026844.D
Acq: 22 Jul 2020 22:20

Tgt Ion:244 Resp: 9972
Ion Ratio Lower Upper
244 100
212 22.8 5.9 8.9#
122 29.4 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: BM026844.D
Acq: 22 Jul 2020 22:20

Instrument :
BNA_M
ClientSampleId :
123675

Tot Ion:264 Resp: 413844

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	22.1	17.6	26.4

