

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026351.D
 Acq On : 11 Jun 2020 12:04
 Operator : JU/CG
 Sample : L2965-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SIDEWALK-COMP

Quant Time: Jun 11 12:48:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:46:47 2020
 Response via : Initial Calibration

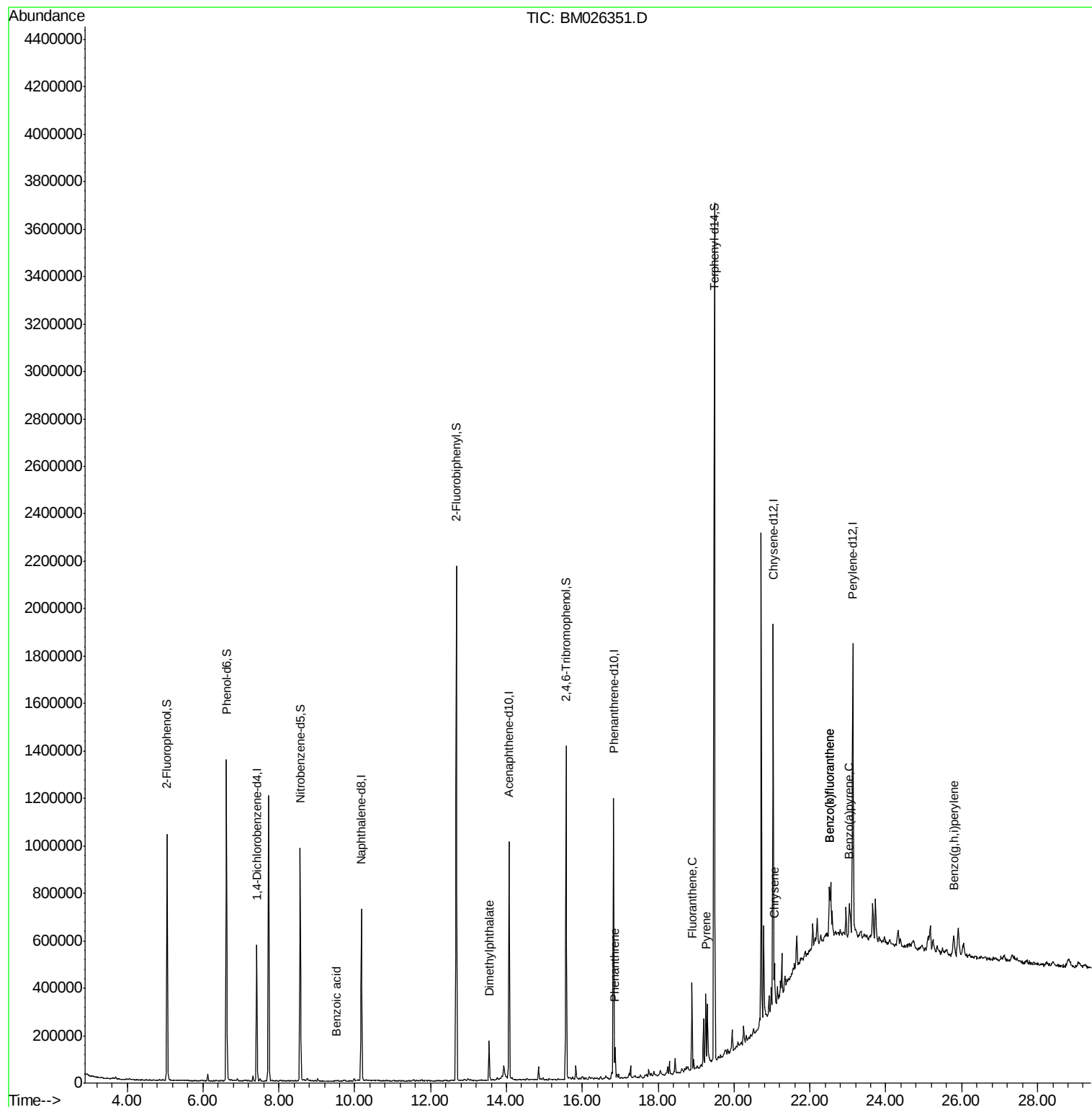
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	134868	20.00	ng	-0.01
21) Naphthalene-d8	10.17	136	528365	20.00	ng	-0.01
39) Acenaphthene-d10	14.07	164	300674	20.00	ng	-0.01
64) Phenanthrene-d10	16.82	188	630356	20.00	ng	-0.01
76) Chrysene-d12	21.03	240	696064	20.00	ng	-0.01
86) Perylene-d12	23.13	264	785797	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	392980	51.52	ng	-0.01
7) Phenol-d6	6.62	99	677811	61.36	ng	-0.01
23) Nitrobenzene-d5	8.56	82	522770	48.58	ng	-0.01
42) 2,4,6-Tribromophenol	15.57	330	215599	59.19	ng	-0.02
45) 2-Fluorobiphenyl	12.68	172	1028656	51.93	ng	-0.01
79) Terphenyl-d14	19.48	244	1657078	46.21	ng	-0.01
Target Compounds						
32) Benzoic acid	9.51	122	54	5.172	ng	Qvalue # 81
50) Dimethylphthalate	13.54	163	95227	4.330	ng	97
71) Phenanthrene	16.86	178	68205	2.078	ng	98
75) Fluoranthene	18.89	202	211872	5.630	ng	99
78) Pyrene	19.25	202	170906	3.716	ng	100
83) Chrysene	21.07	228	103585	2.602	ng	97
88) Benzo(b)fluoranthene	22.52	252	208777	4.417	ng	# 96
89) Benzo(k)fluoranthene	22.52	252	208777	4.546	ng	# 95
90) Benzo(a)pyrene	23.04	252	87075	2.074	ng	95
92) Benzo(g,h,i)perylene	25.79	276	93514	2.590	ng	98

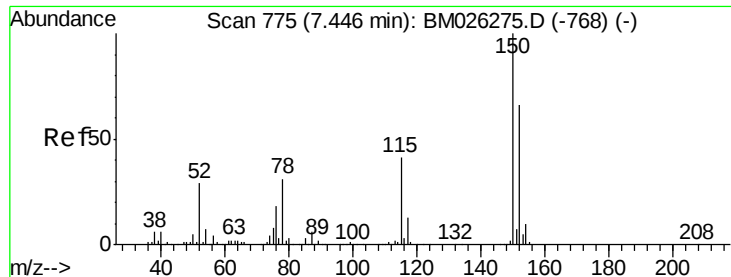
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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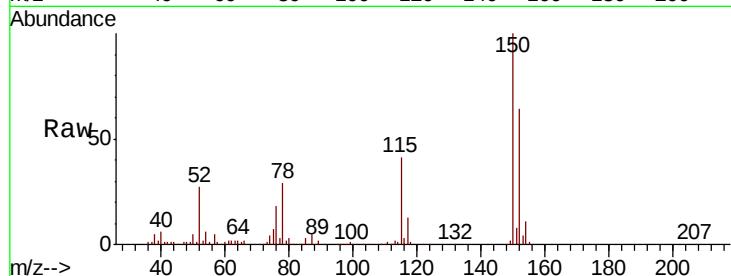


#1

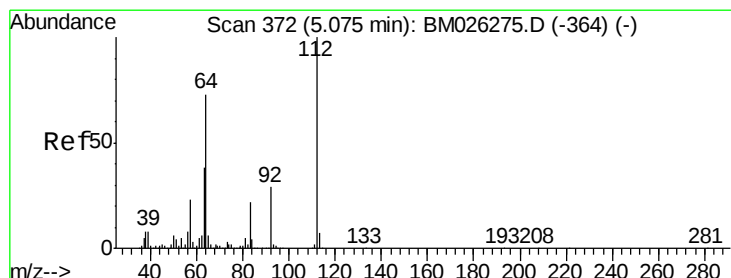
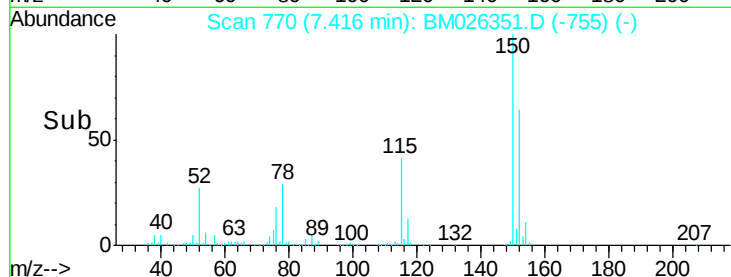
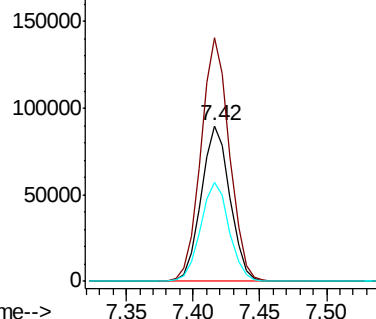
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
SIDEWALK-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.1	183.1
115	63.5	49.7	74.5



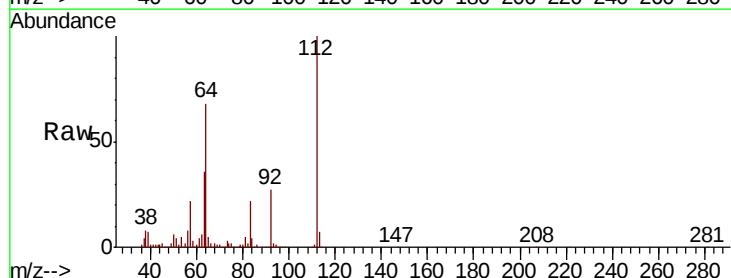
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



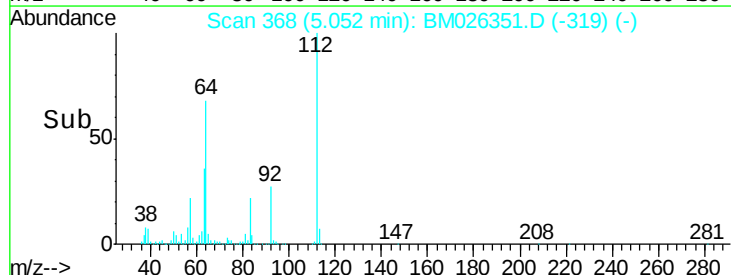
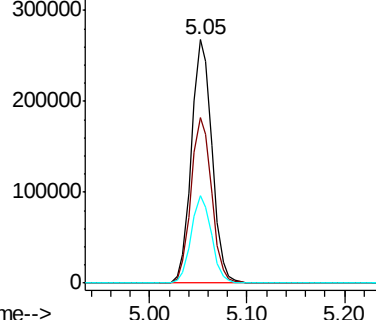
#5

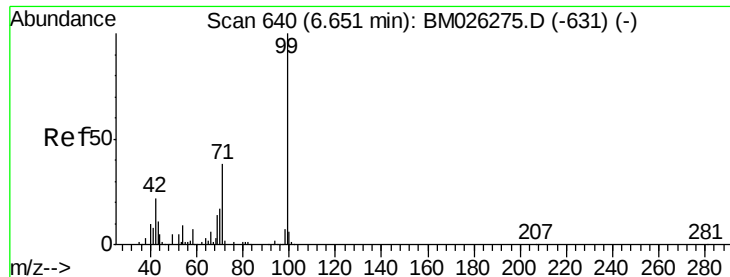
2-Fluorophenol
Concen: 51.517 ng
RT: 5.05 min Scan# 368
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	58.1	87.1
63	35.9	30.6	45.8



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: 61.363 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

SIDEWALK-COMP

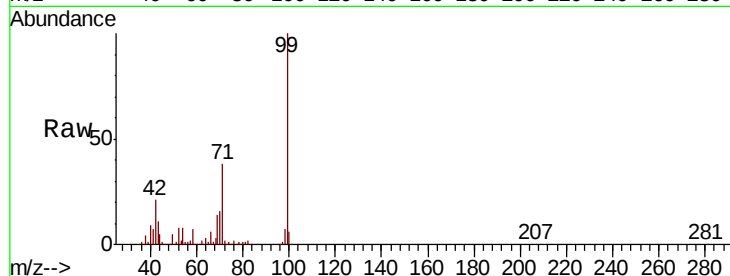
Tot Ion: 99 Resp: 677811

Ion Ratio Lower Upper

99 100

42 21.5 18.0 27.0

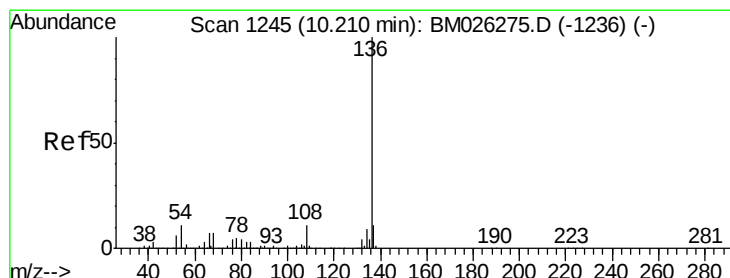
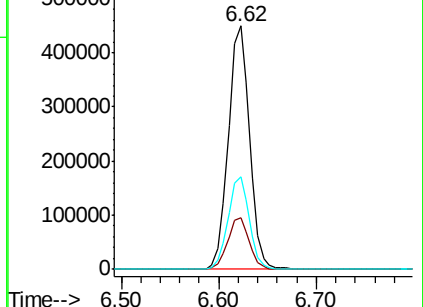
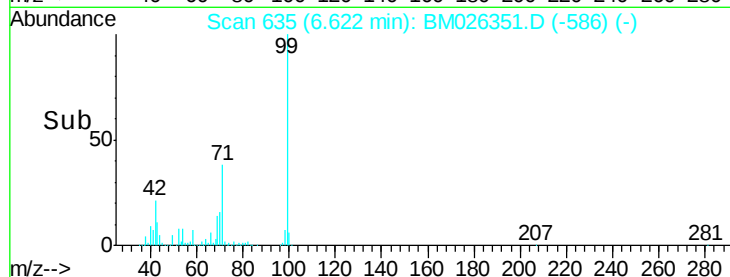
71 37.9 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026351.D (-586) (-)

Ion 42.00 (41.70 to 42.70): BM026351.D (-586) (-)

Ion 71.00 (70.70 to 71.70): BM026351.D (-586) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.17 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Tgt Ion: 136 Resp: 528365

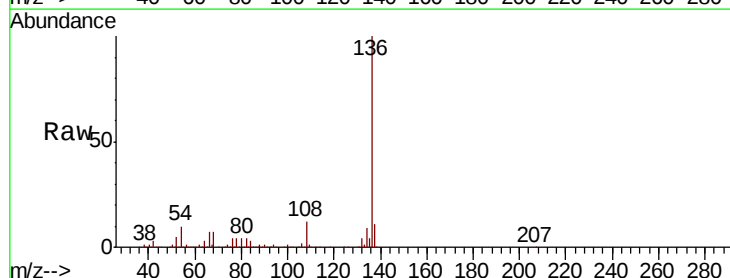
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.3 9.0 13.4

68 6.9 5.6 8.4

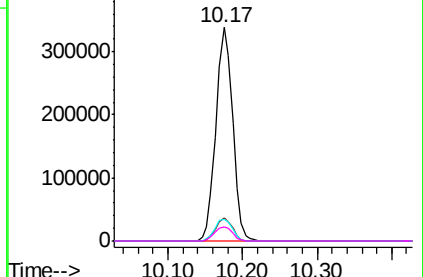
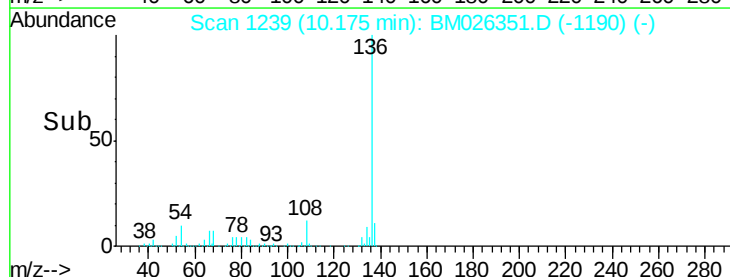


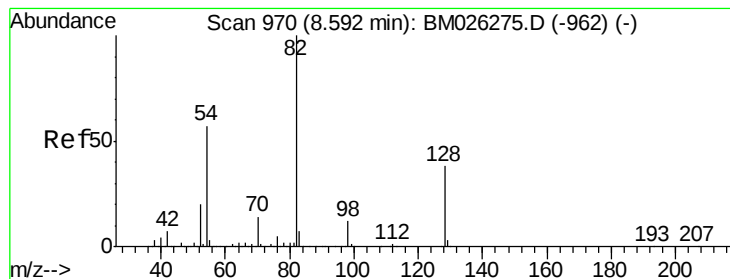
Abundance Ion 136.00 (135.70 to 136.70): BM026351.D (-1190) (-)

Ion 137.00 (136.70 to 137.70): BM026351.D (-1190) (-)

Ion 54.00 (53.70 to 54.70): BM026351.D (-1190) (-)

Ion 68.00 (67.70 to 68.70): BM026351.D (-1190) (-)





#23

Nitrobenzene-d5

Concen: 48.580 ng

RT: 8.56 min Scan# 965

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

SIDEWALK-COMP

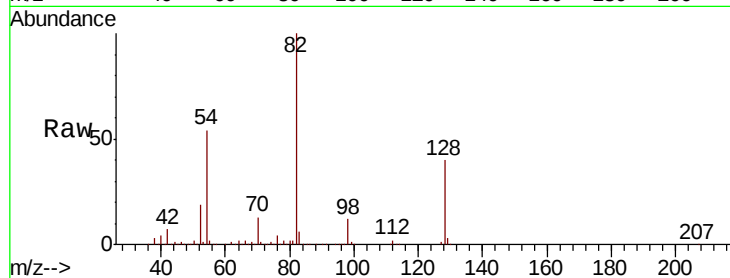
Tot Ion: 82 Resp: 522770

Ion Ratio Lower Upper

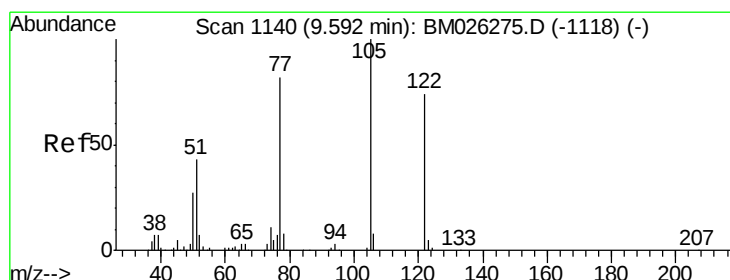
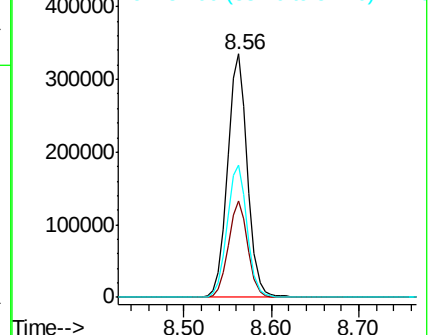
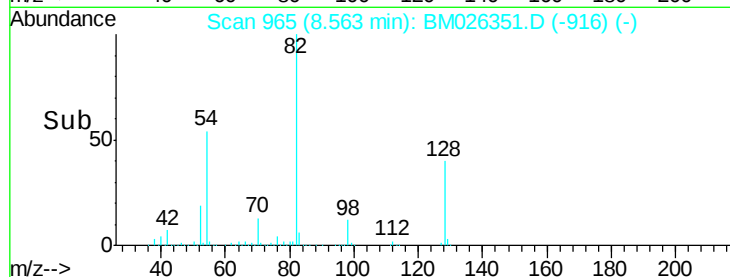
82 100

128 39.6 30.3 45.5

54 54.4 45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BM026351.D (-916) (-)



#32

Benzoic acid

Concen: 5.172 ng

RT: 9.51 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

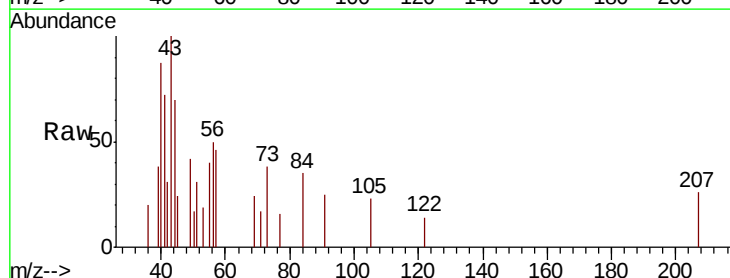
Tgt Ion:122 Resp: 54

Ion Ratio Lower Upper

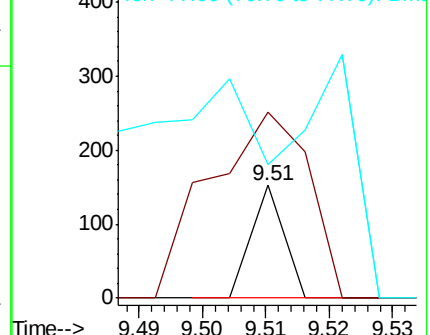
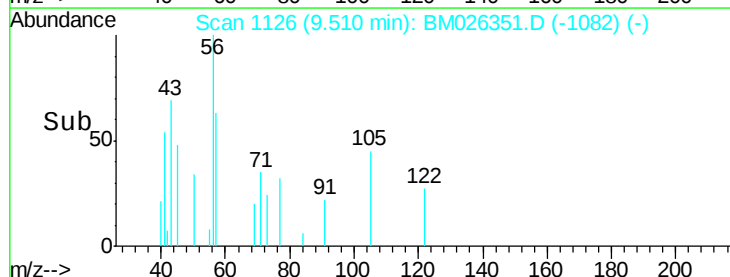
122 100

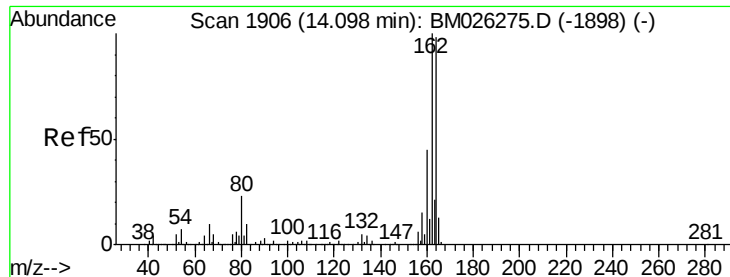
105 165.1 112.4 152.4#

77 118.4 89.8 129.8



Abundance Ion 122.00 (121.70 to 122.70): BM026351.D (-1082) (-)

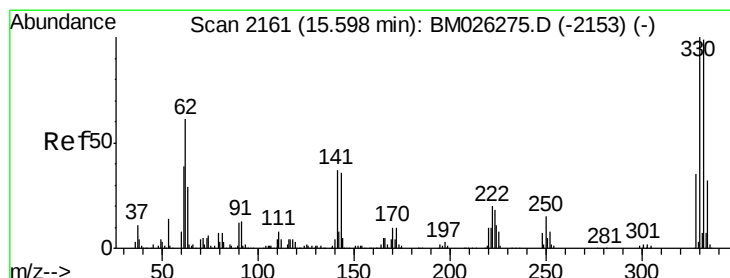
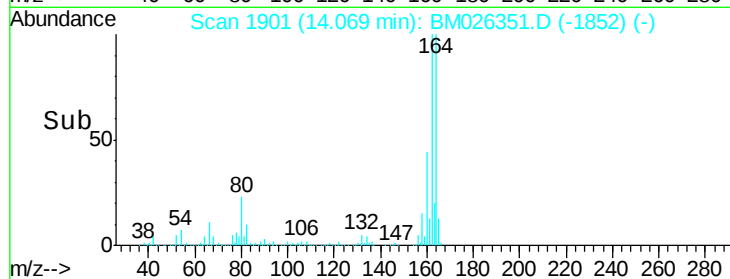
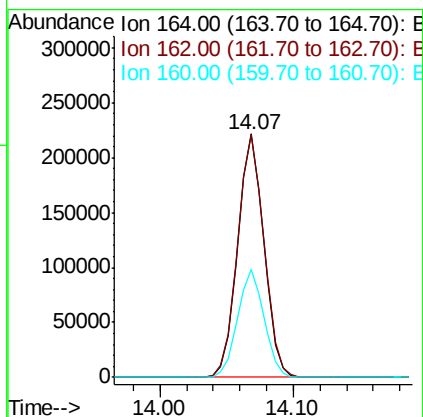
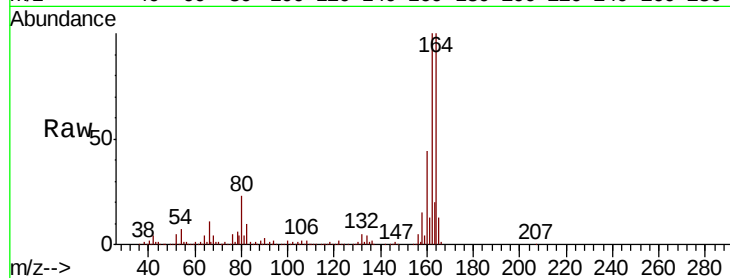




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.07 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

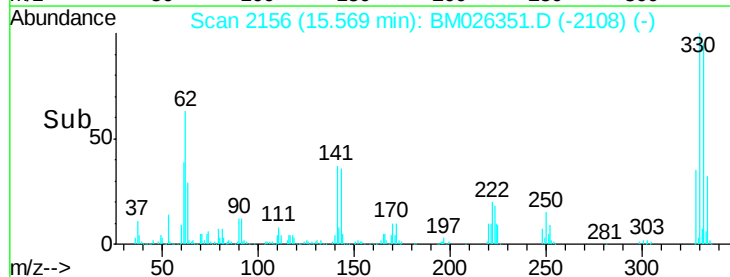
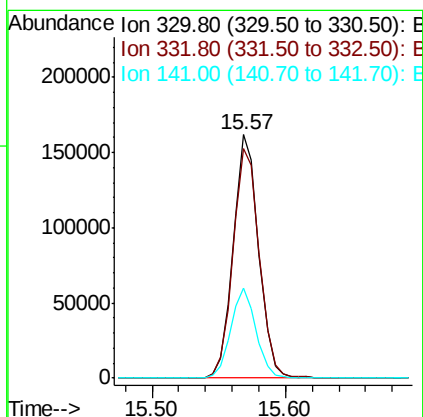
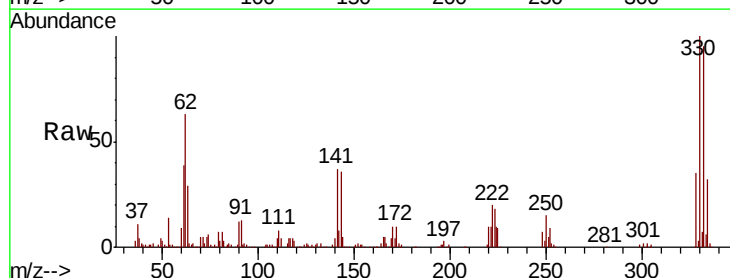
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-COMP

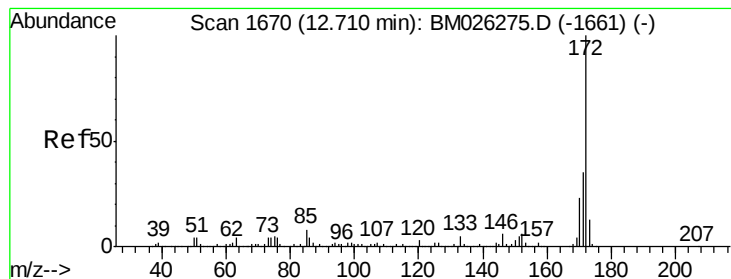
Tot Ion:164 Resp: 300674
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.2
160 44.3 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 59.194 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion:330 Resp: 215599
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 36.8 30.0 45.0





#45

2-Fluorobiphenyl

Concen: 51.932 ng

RT: 12.68 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

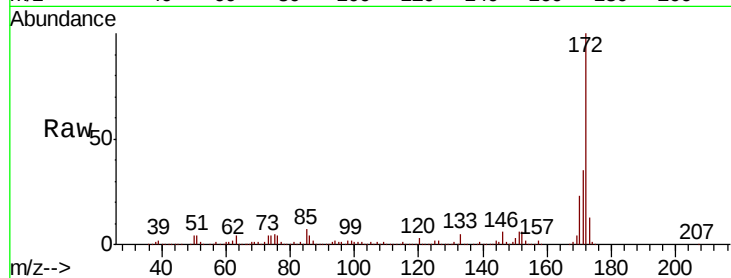
BNA_G

ClientSampleId :

SIDEWALK-COMP

Tot Ion:172 Resp: 1028656

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.3	18.3	27.5

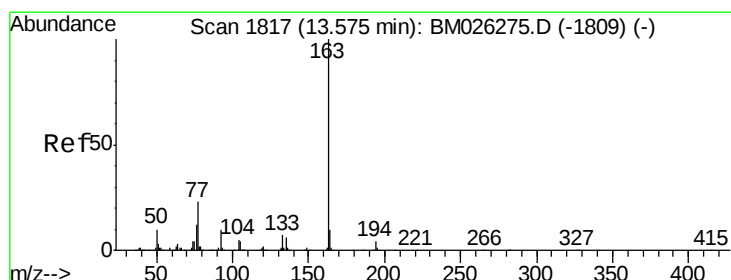
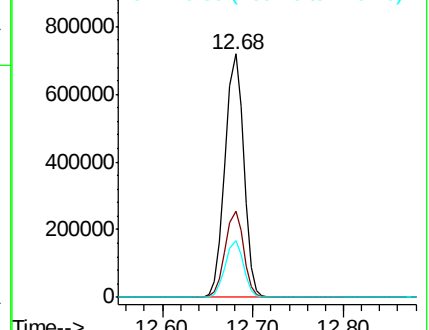
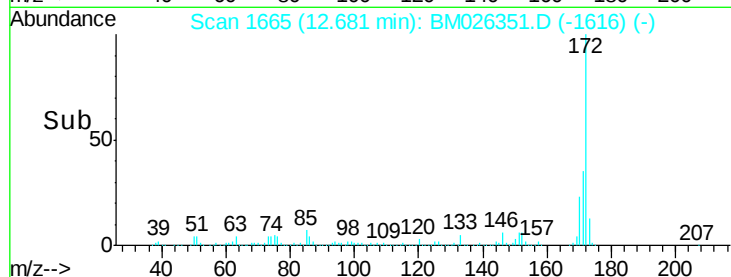


Abundance

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: 4.330 ng

RT: 13.54 min Scan# 1811

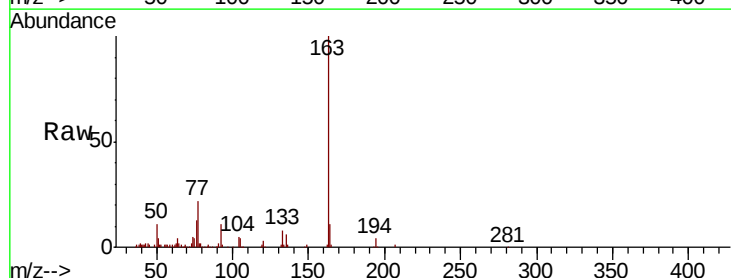
Delta R.T. -0.02 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Tgt Ion:163 Resp: 95227

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	11.4	8.0	12.0

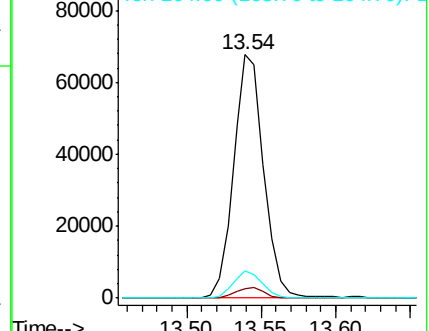
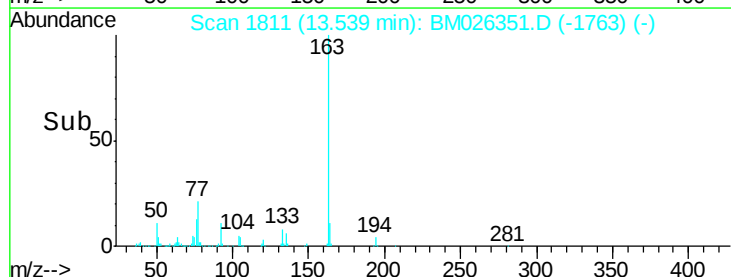


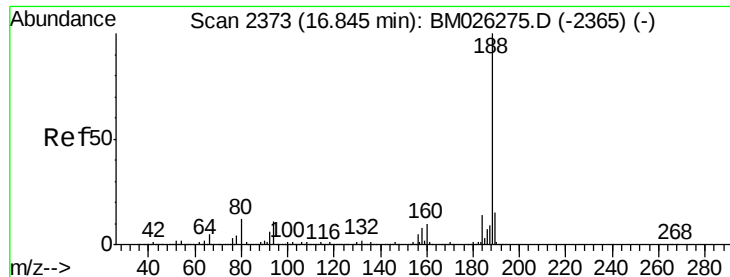
Abundance

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

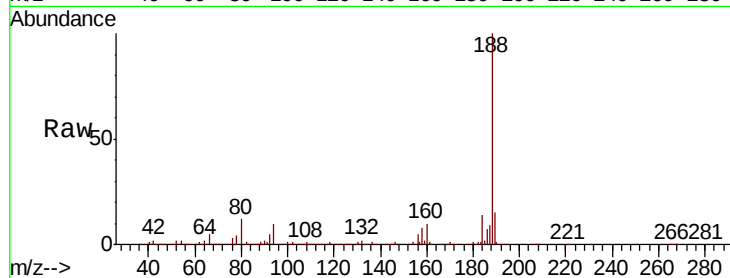




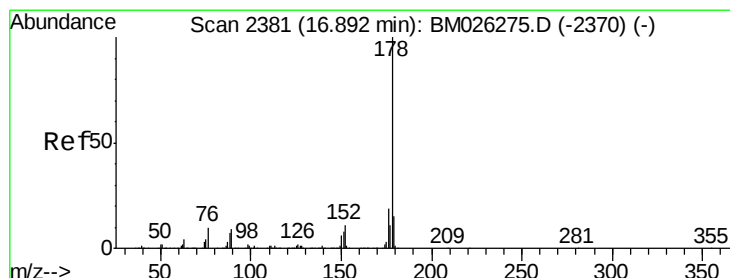
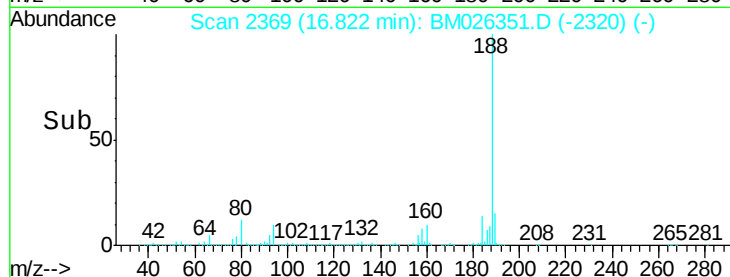
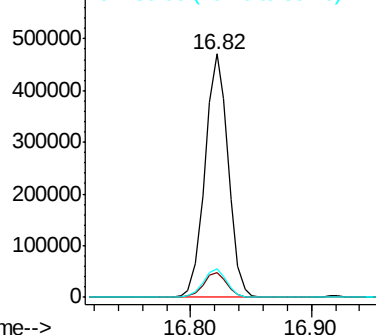
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.82 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
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Tot Ion:188 Resp: 630356
Ion Ratio Lower Upper
188 100
94 10.0 8.6 12.8
80 11.9 9.7 14.5

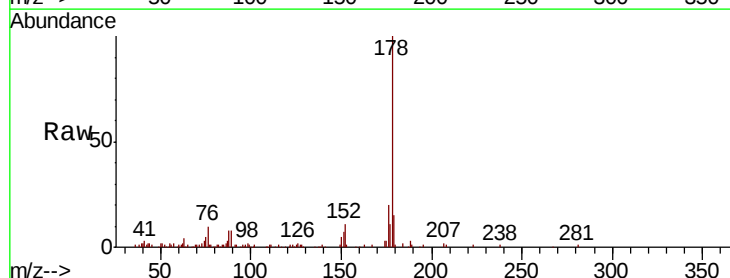


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

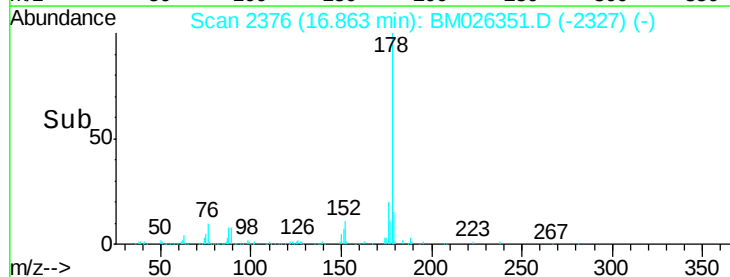
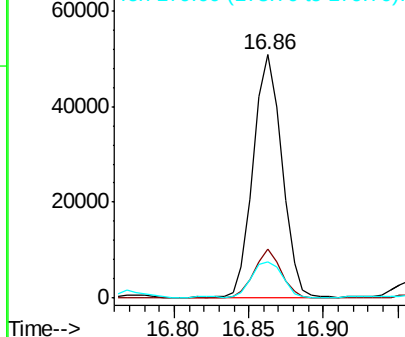


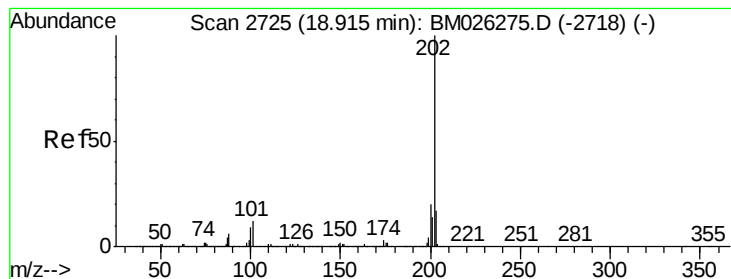
#71
Phenanthrene
Concen: 2.078 ng
RT: 16.86 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion:178 Resp: 68205
Ion Ratio Lower Upper
178 100
176 20.0 14.9 22.3
179 14.9 12.0 18.0



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: 5.630 ng

RT: 18.89 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

SIDEWALK-COMP

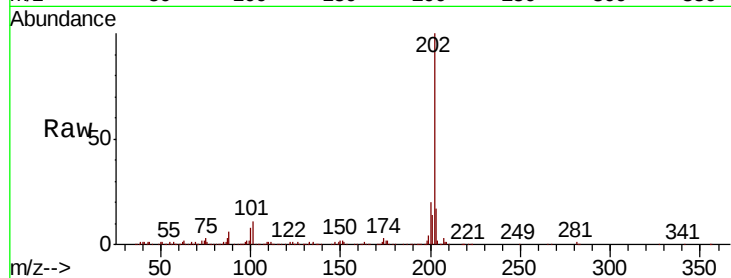
Tot Ion:202 Resp: 211872

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.6

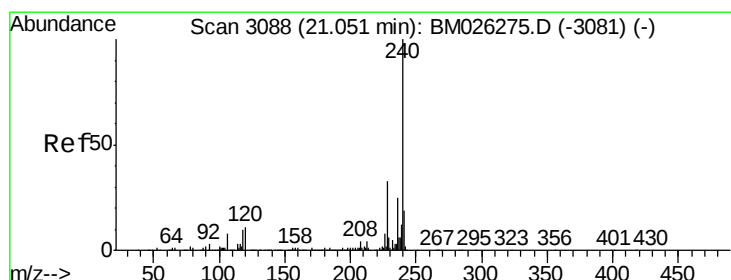
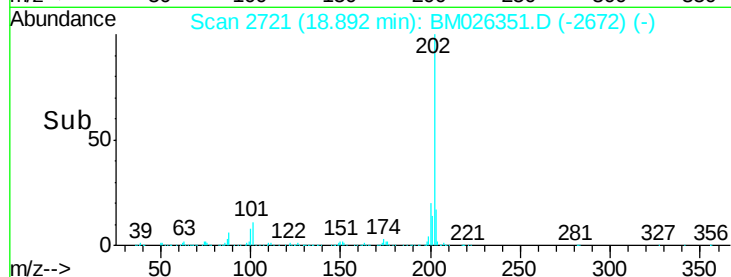
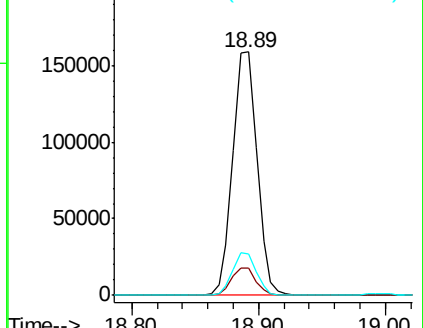
203 16.7 0.0 37.4



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: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

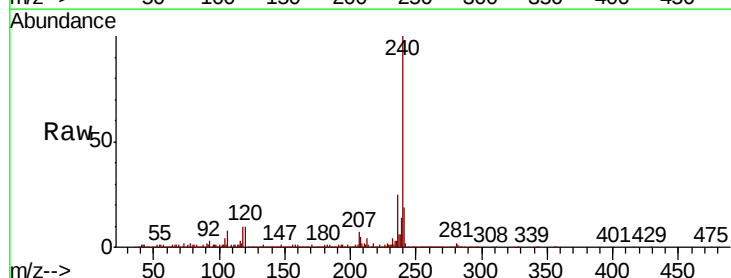
Tgt Ion:240 Resp: 696064

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

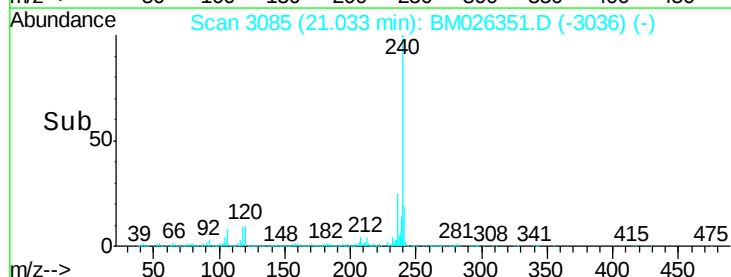
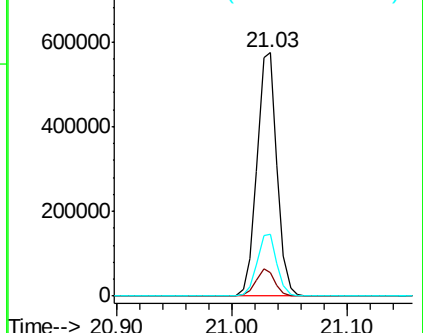
236 25.3 19.7 29.5

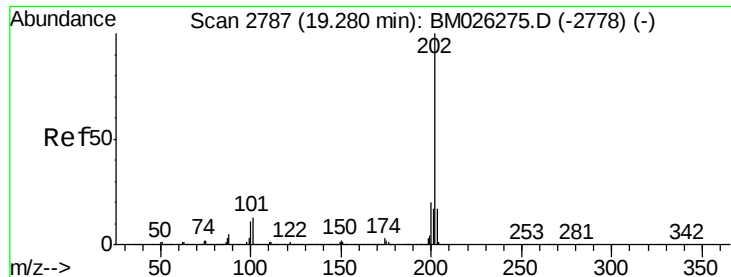


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

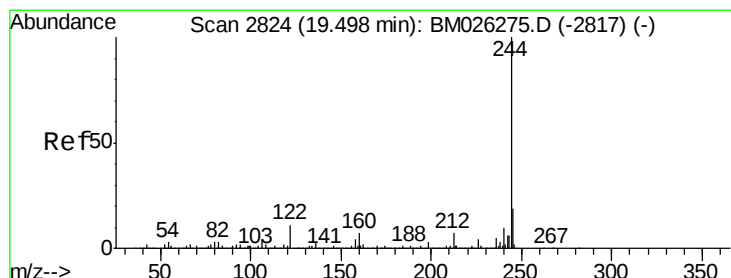
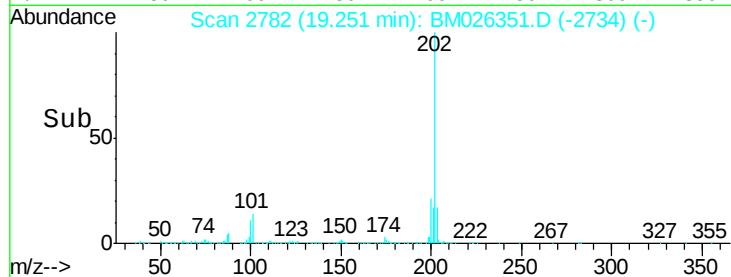
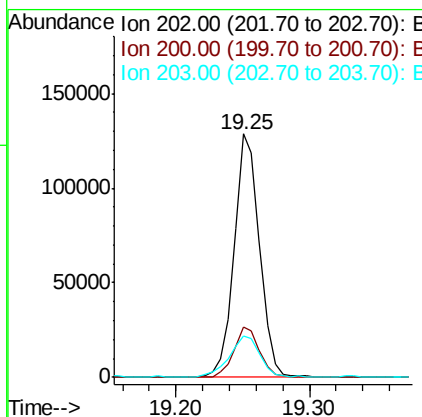
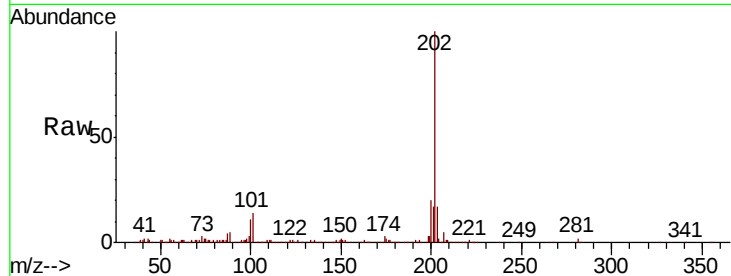




#78
Pvrene
Concen: 3.716 ng
RT: 19.25 min Scan# 2782
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

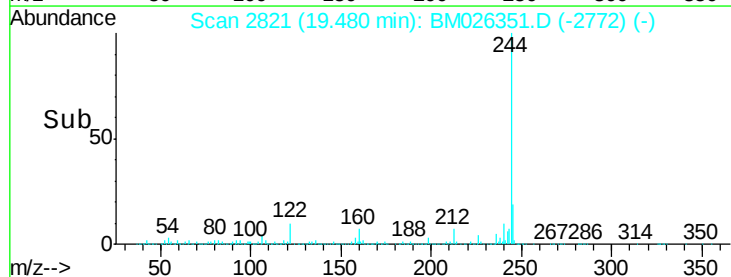
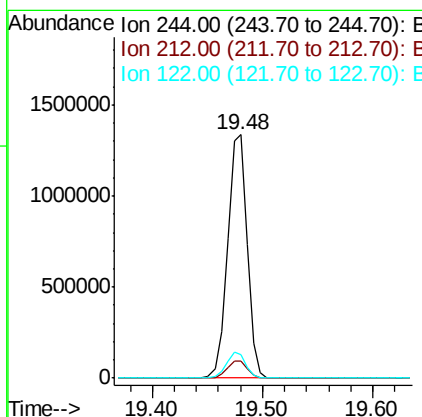
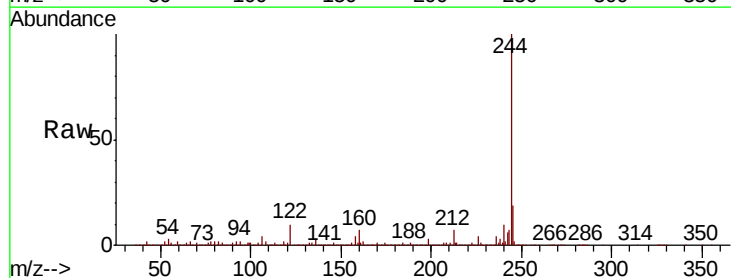
Instrument :
BNA_G
ClientSampleId :
SIDEWALK-COMP

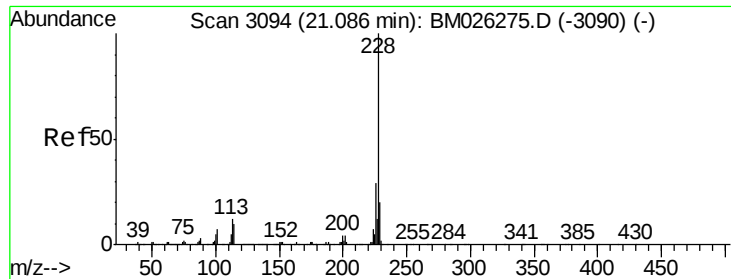
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.2	24.4
203	17.3	13.8	20.8



#79
Terphenyl-d14
Concen: 46.212 ng
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.8	9.1	13.7





#83

Chrysene

Concen: 2.602 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

SIDEWALK-COMP

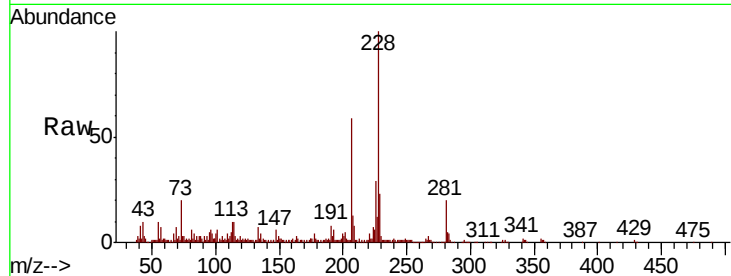
Tot Ion:228 Resp: 103585

Ion Ratio Lower Upper

228 100

226 29.4 23.5 35.3

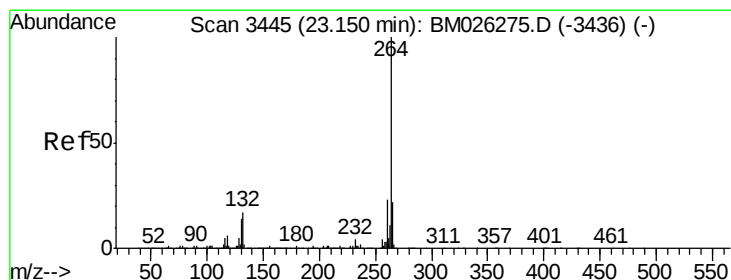
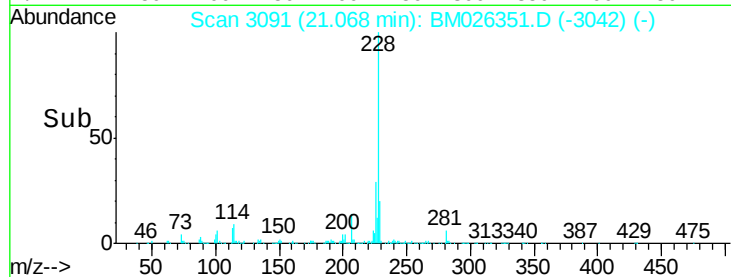
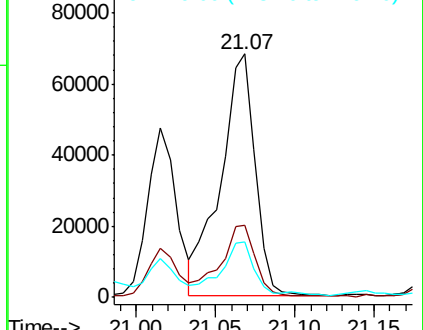
229 22.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.13 min Scan# 3441

Delta R.T. -0.02 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

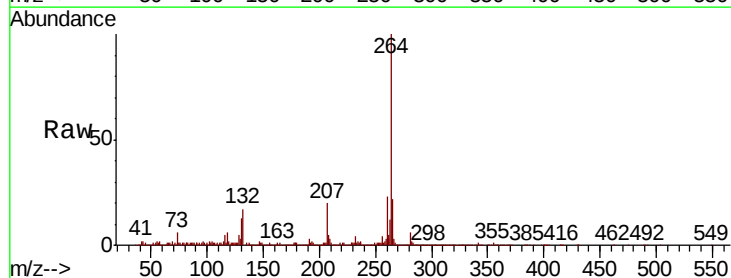
Tgt Ion:264 Resp: 785797

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

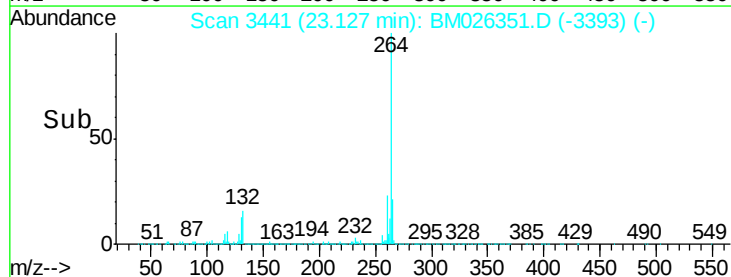
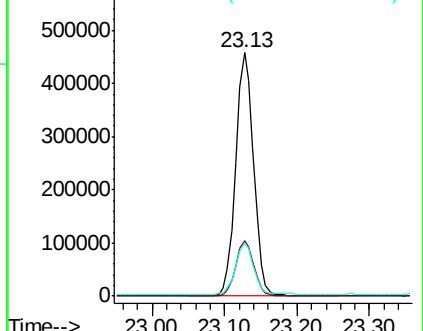
265 21.8 18.2 27.2

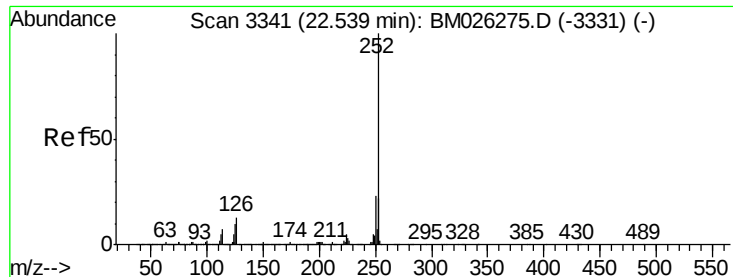


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 4.417 ng

RT: 22.52 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

Instrument :

BNA_G

ClientSampleId :

SIDEWALK-COMP

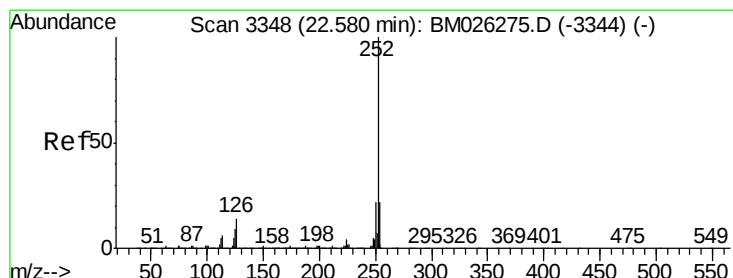
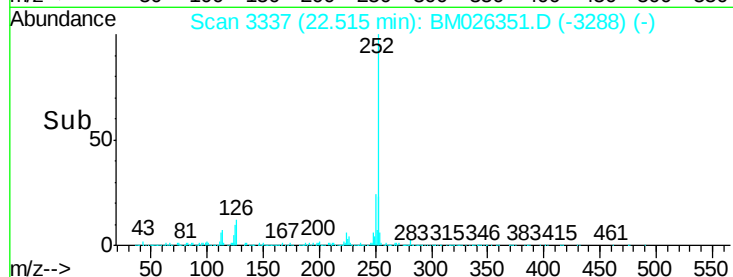
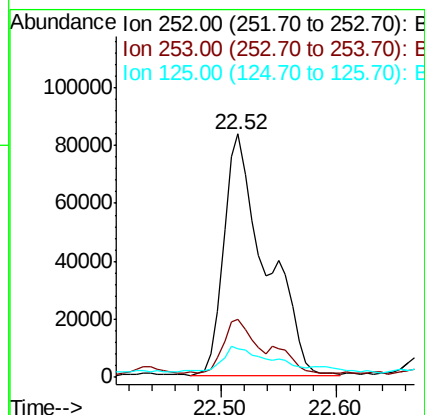
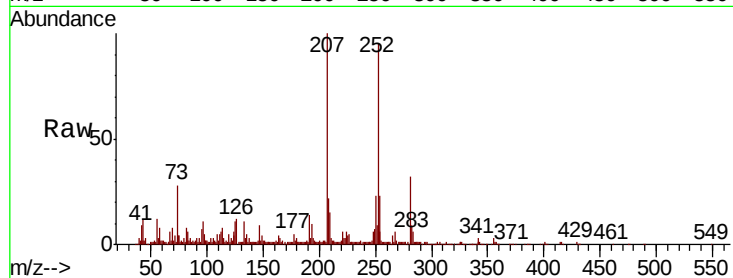
Tot Ion:252 Resp: 208777

Ion Ratio Lower Upper

252 100

253 24.0 17.6 26.4

125 11.9 7.9 11.9#



#89

Benzo(k)fluoranthene

Concen: 4.546 ng

RT: 22.52 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BM026351.D

Acq: 11 Jun 2020 12:04

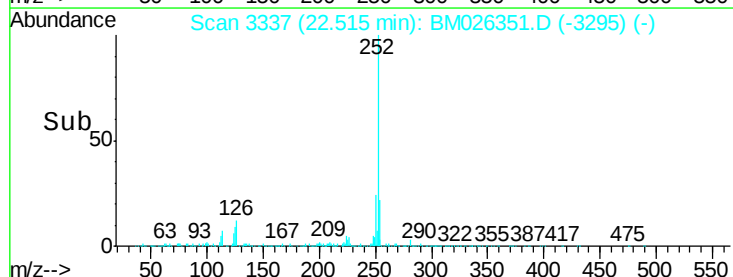
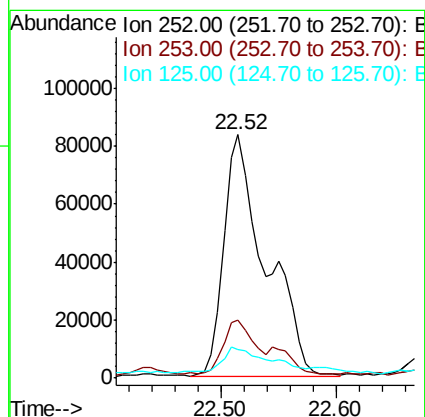
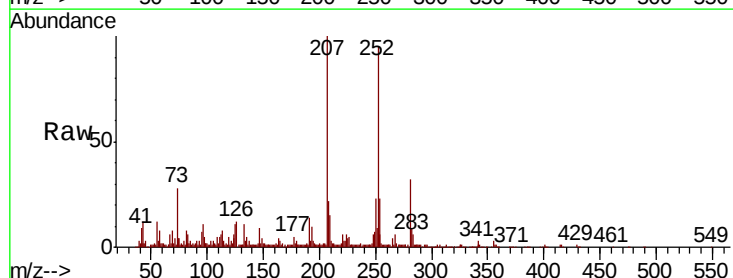
Tgt Ion:252 Resp: 208777

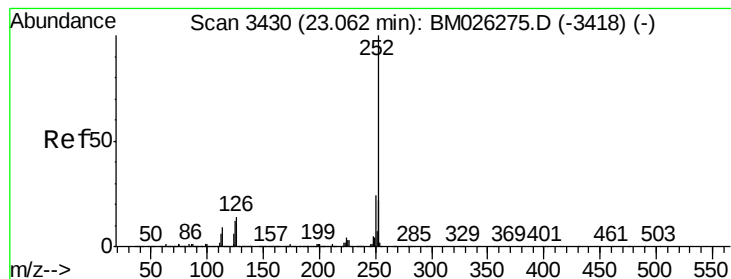
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 11.9 7.8 11.6#

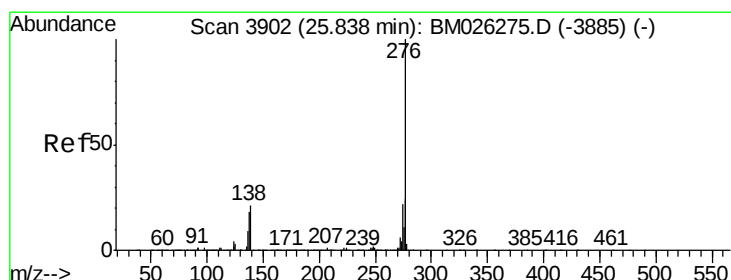
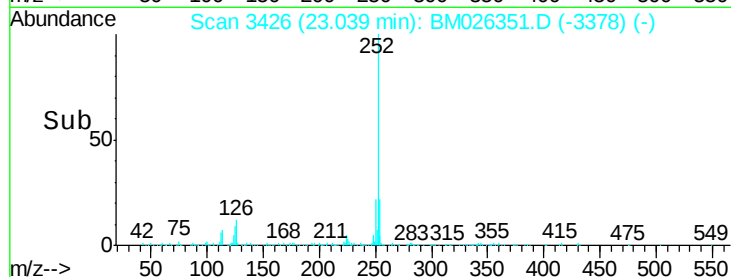
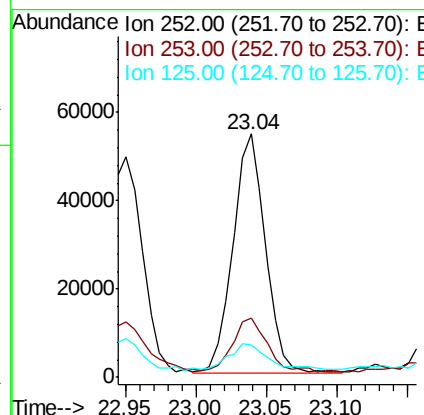
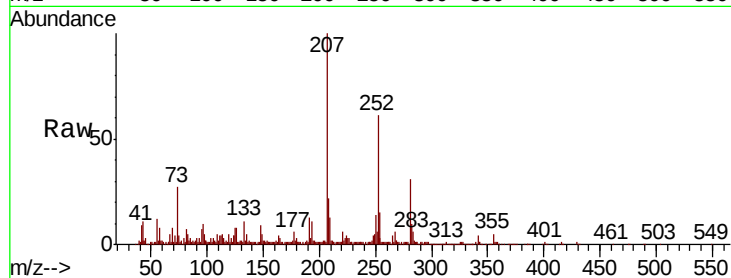




#90
Benzo(a)pyrene
Concen: 2.074 ng
RT: 23.04 min Scan# 3426
Delta R.T. -0.02 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Instrument :
BNA_G
ClientSampleId :
SIDEWALK-COMP

Tot Ion:252 Resp: 87075
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 13.5 9.4 14.0



#92
Benzo(g,h,i)perylene
Concen: 2.590 ng
RT: 25.79 min Scan# 3894
Delta R.T. -0.04 min
Lab File: BM026351.D
Acq: 11 Jun 2020 12:04

Tgt Ion:276 Resp: 93514
Ion Ratio Lower Upper
276 100
277 22.7 19.3 28.9
138 20.8 16.5 24.7

