

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
 Data File : BM026118.D
 Acq On : 26 May 2020 17:31
 Operator : MA/SJ
 Sample : L2737-14DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B11DL

Quant Time: May 27 03:22:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	620473	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	371779	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	771989	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	811814	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	836922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2338	0.46	ng/uL	0.00
5) Phenol-d5	6.69	99	10604	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	30344	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	28439	2.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	19180	1.83	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17237	3.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	15967	3.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	33078	3.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	2237	0.22	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	105607	3.54	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	119882	3.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	3679	0.70	ng/ul	0.00
58) Fluorene-d10	15.13	176	93572	3.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	10741	2.39	ng/ul	0.00
71) Anthracene-d10	16.98	188	145055	3.81	ng/ul	0.00
79) Pyrene-d10	19.28	212	158897	3.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	149786	3.36	ng/ul	0.00

Target Compounds

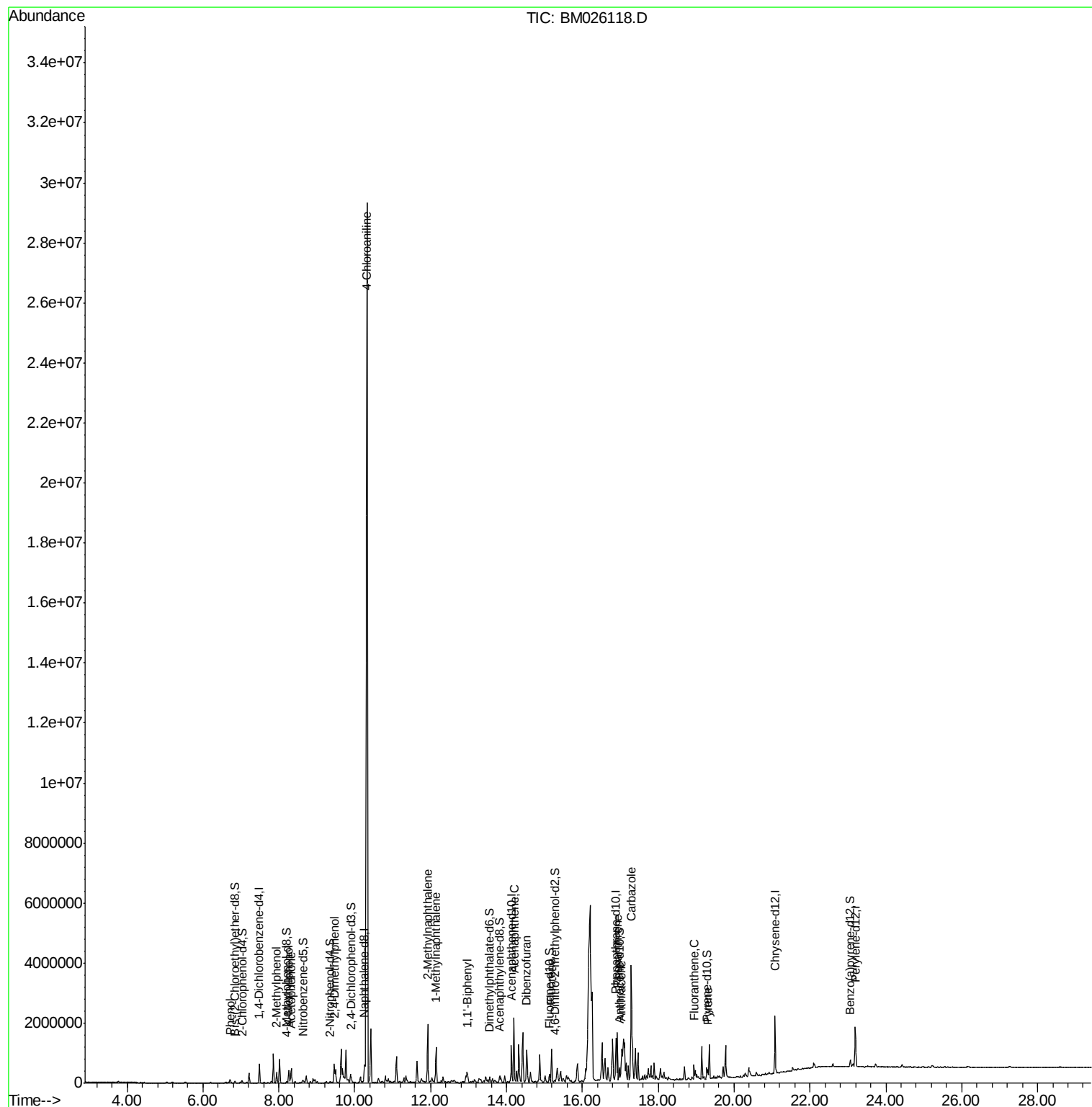
					Ovalue
6) Phenol	6.71	94	60157	3.864	ng/ul 97
11) 2-Methylphenol	7.95	108	108972	10.158	ng/ul 98
14) Acetophenone	8.31	105	17648	1.005	ng/ul# 75
16) 4-Methylphenol	8.26	108	152103	13.037	ng/ul 90
24) 2,4-Dimethylphenol	9.46	107	232799	16.754	ng/ul 98
30) 4-Chloroaniline	10.33	127	4175380	392.263	ng/ul# 14
34) 2-Methylnaphthalene	11.92	142	846841	33.188	ng/ul 100
35) 1-Methylnaphthalene	12.15	142	487297	20.584	ng/ul 99
41) 1,1'-Biphenyl	12.96	154	152915	4.635	ng/ul 98
50) Acenaphthene	14.20	153	794092	29.037	ng/ul 99
54) Dibenzofuran	14.53	168	598354	15.569	ng/ul 99
59) Fluorene	15.19	166	435003	13.992	ng/ul 99
70) Phenanthrene	16.93	178	917923	18.876	ng/ul 100
72) Anthracene	17.02	178	89105	1.826	ng/ul 96
75) Carbazole	17.29	167	1828265	45.297	ng/ul 99
77) Fluoranthene	18.94	202	279374	5.477	ng/ul 98
80) Pyrene	19.31	202	181341	3.182	ng/ul 97

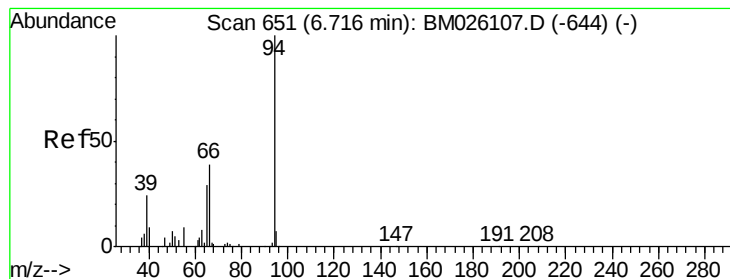
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 3.864 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

ClientSampleId :

F9B11DL

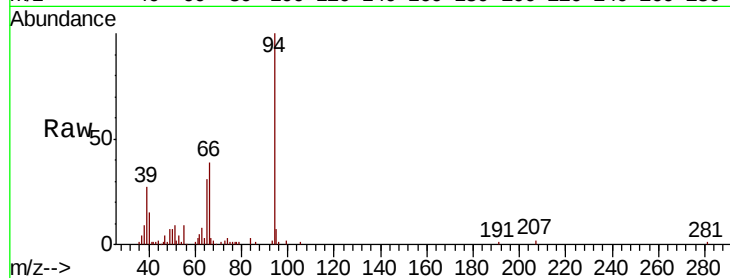
Tot Ion: 94 Resp: 60157

Ion Ratio Lower Upper

94 100

65 31.2 25.8 38.8

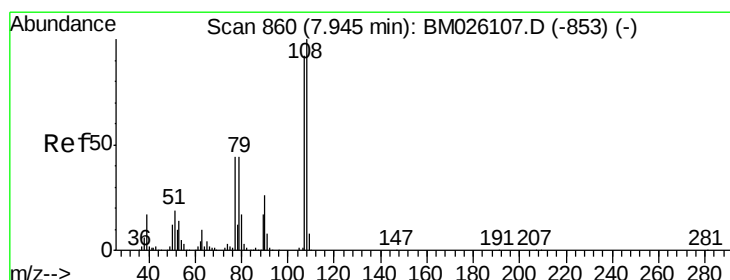
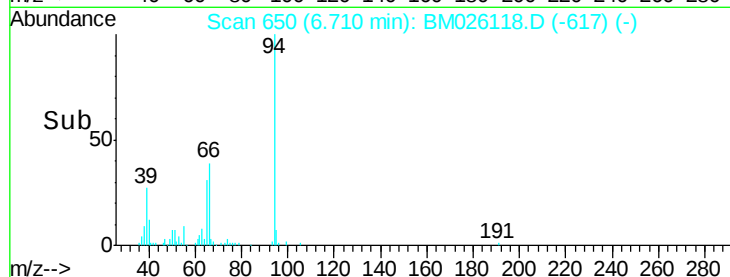
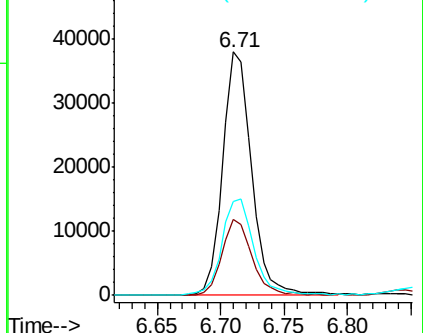
66 38.7 33.3 49.9



Abundance Ion 94.00 (93.70 to 94.70): BM026118.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM026118.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM026118.D (-617) (-)



#11

2-Methylphenol

Concen: 10.158 ng/ul

RT: 7.95 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM026118.D

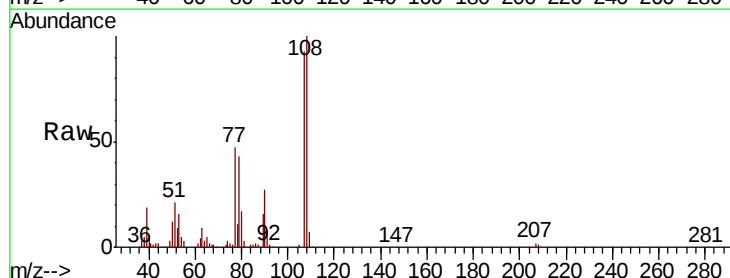
Acq: 26 May 2020 17:31

Tgt Ion: 108 Resp: 108972

Ion Ratio Lower Upper

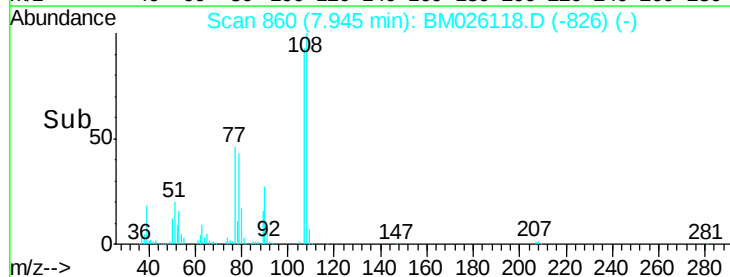
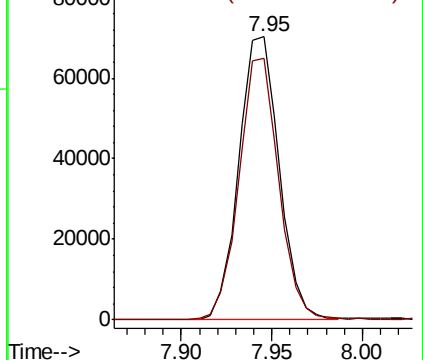
108 100

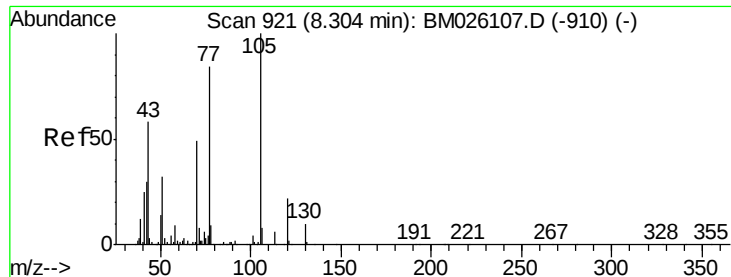
107 92.6 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): BM026118.D (-826) (-)

Ion 107.00 (106.70 to 107.70): BM026118.D (-826) (-)

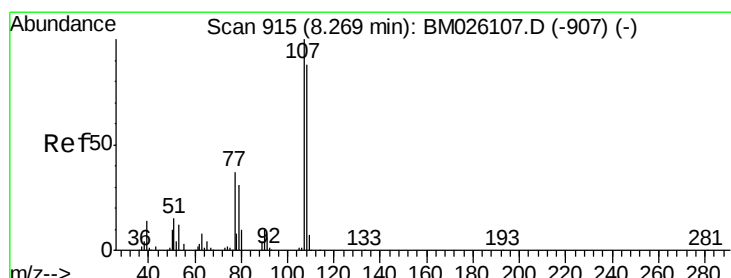
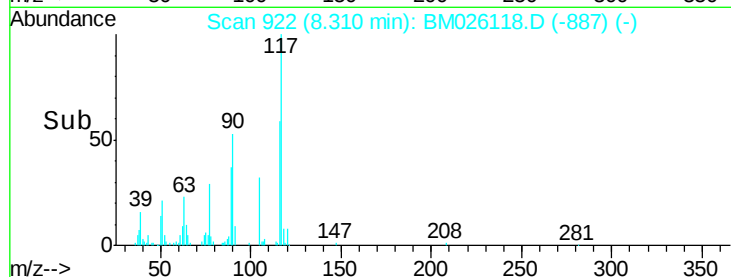
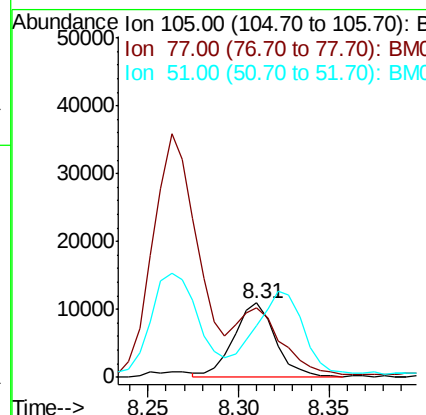
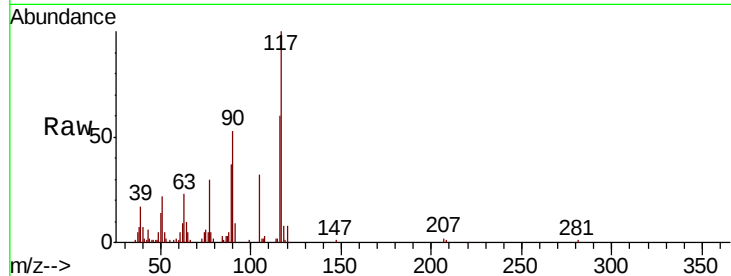




#14
Acetophenone
Concen: 1.005 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

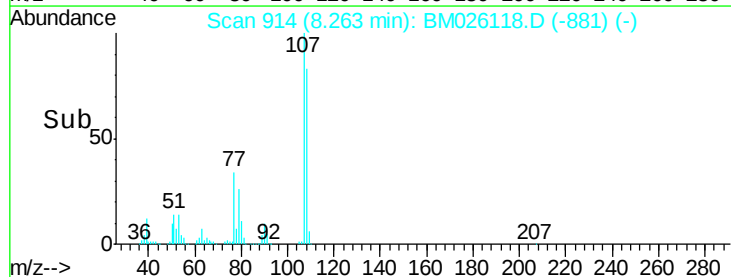
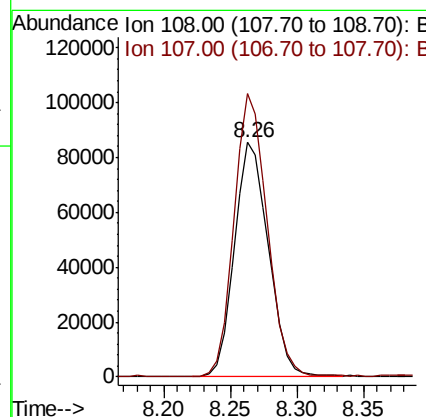
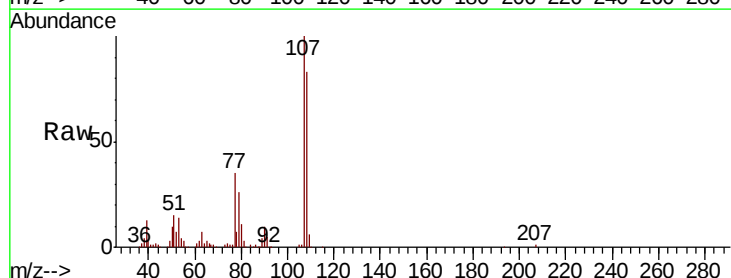
Instrument :
BNA_M
ClientSampleId :
F9B11DL

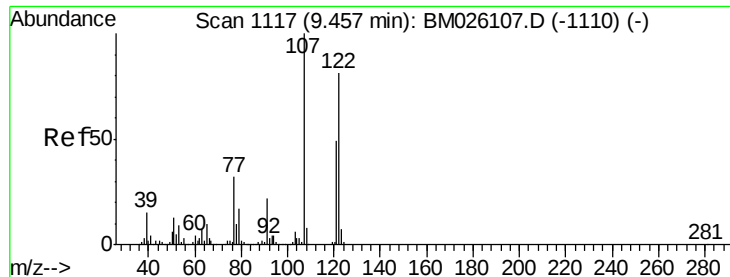
Tot Ion:105 Resp: 17648
Ion Ratio Lower Upper
105 100
77 93.5 67.2 100.8
51 70.0 27.4 41.0#



#16
4-Methylphenol
Concen: 13.037 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

Tgt Ion:108 Resp: 152103
Ion Ratio Lower Upper
108 100
107 120.8 88.6 132.8

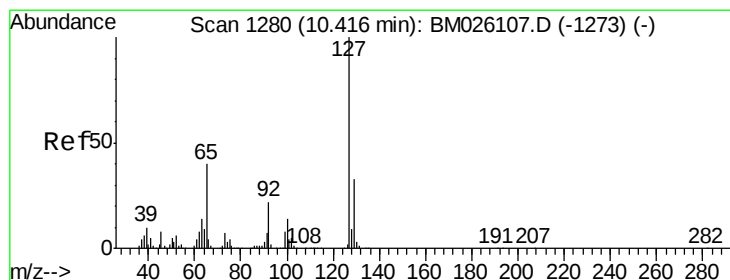
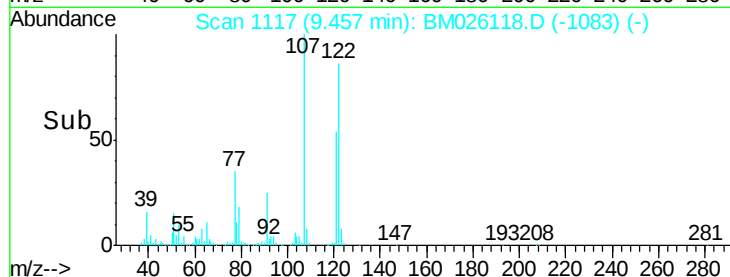
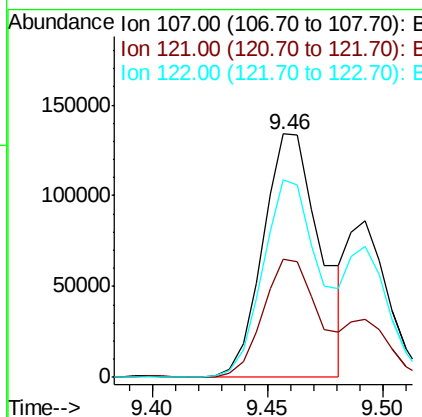
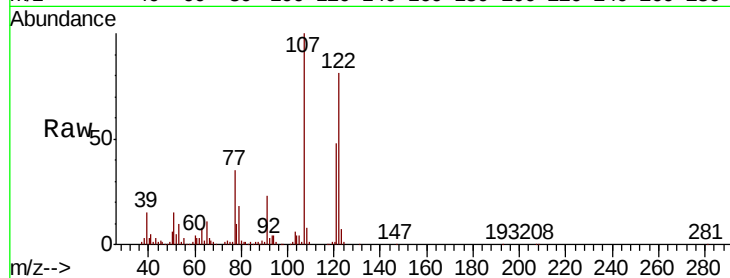




#24
2,4-Dimethylphenol
Concen: 16.754 ng/ul
RT: 9.46 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

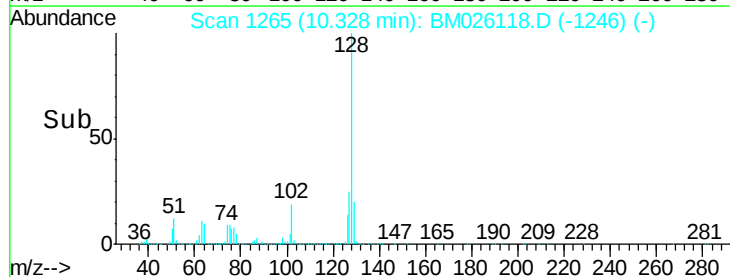
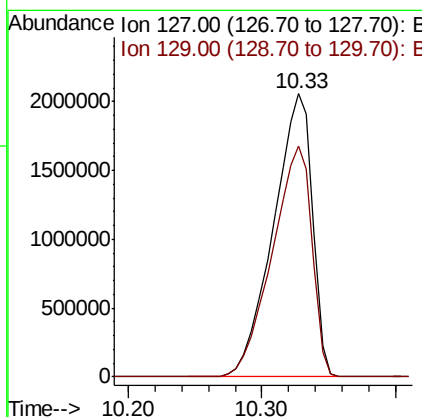
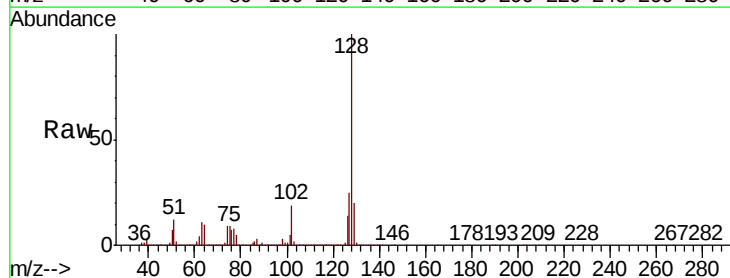
Instrument :
BNA_M
ClientSampleId :
F9B11DL

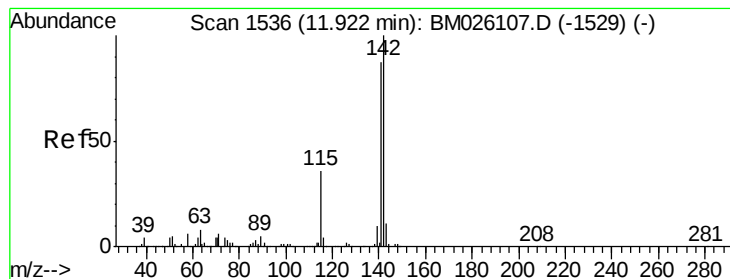
Tot Ion:107 Resp: 232799
Ion Ratio Lower Upper
107 100
121 48.4 37.5 56.3
122 81.2 63.8 95.6



#30
4-Chloroaniline
Concen: 392.263 ng/ul
RT: 10.33 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

Tgt Ion:127 Resp: 4175380
Ion Ratio Lower Upper
127 100
129 81.4 26.2 39.2#





#34

2-Methylnaphthalene

Concen: 33.188 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

ClientSampleId :

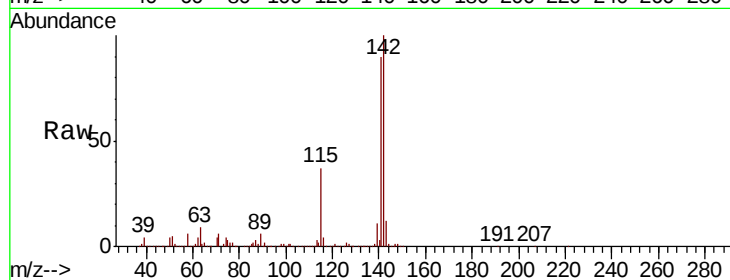
F9B11DL

Tot Ion:142 Resp: 846841

Ion Ratio Lower Upper

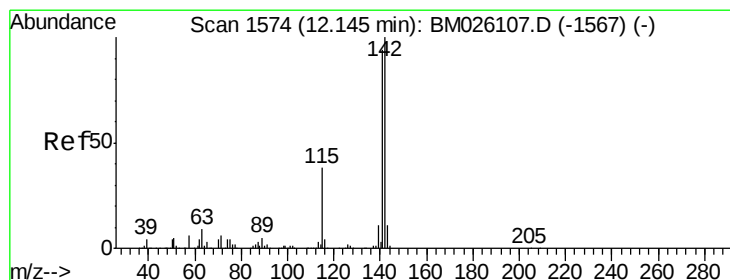
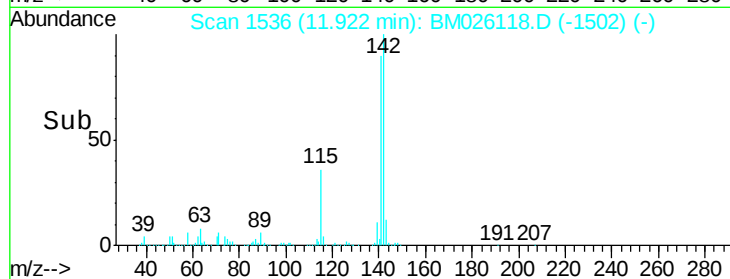
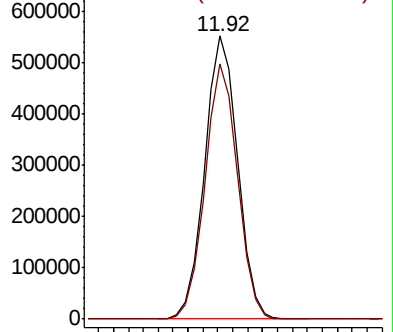
142 100

141 90.1 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 20.584 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

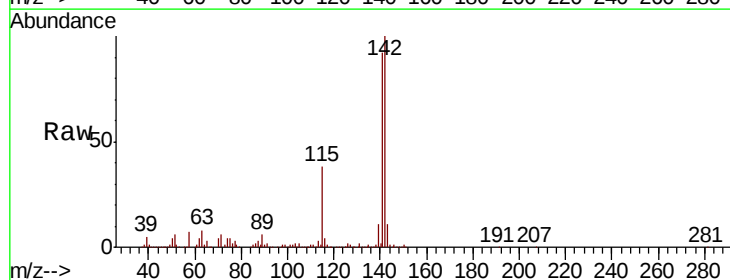
Tgt Ion:142 Resp: 487297

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.4

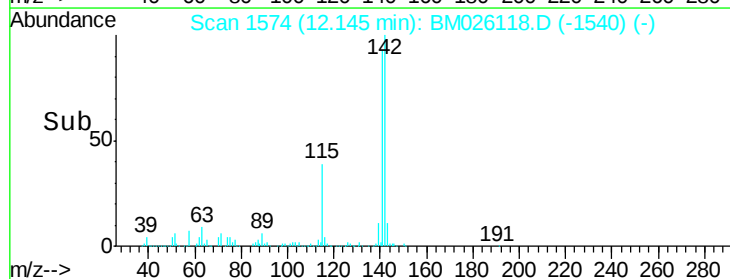
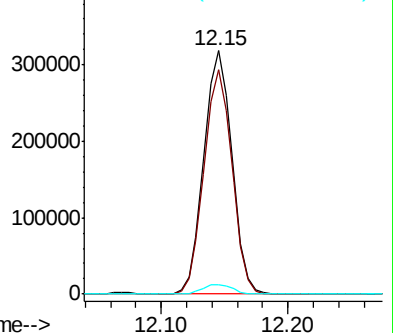
116 3.8 3.3 4.9

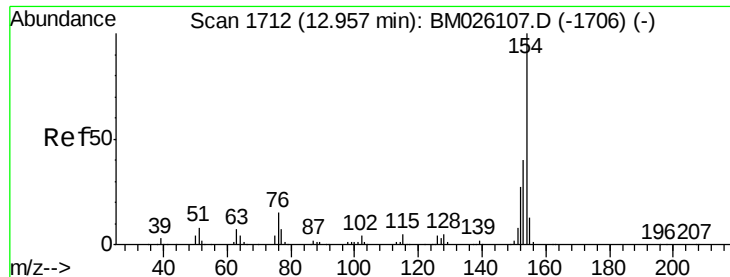


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

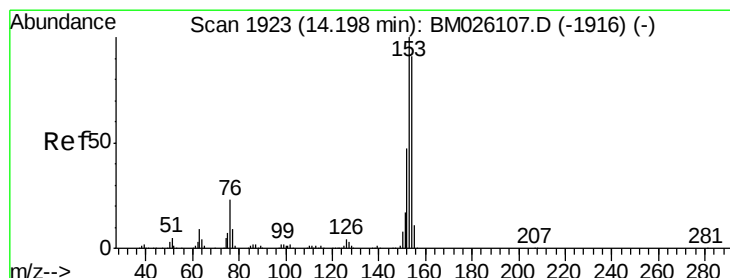
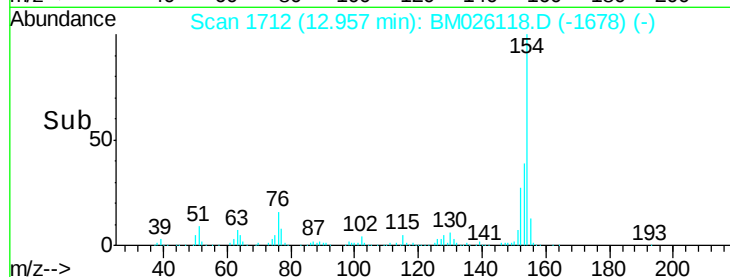
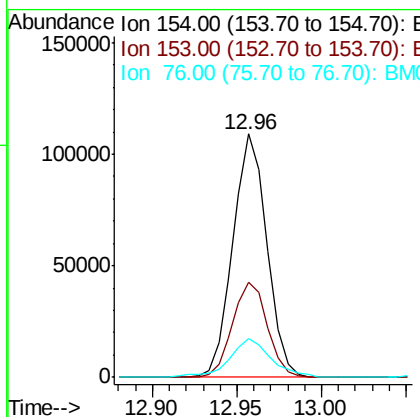
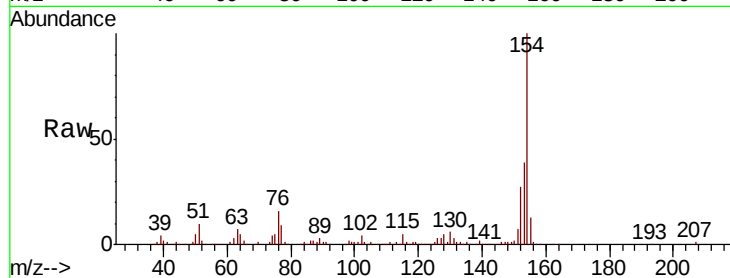




#41
 1,1'-Biphenyl
 Concen: 4.635 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

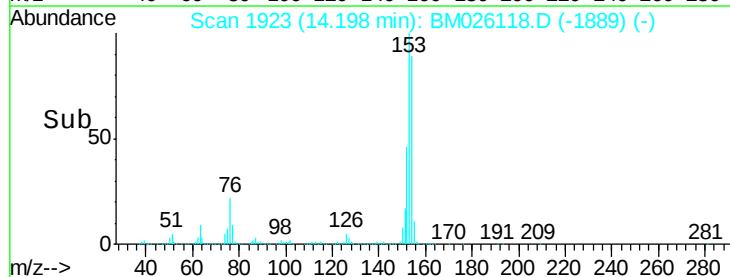
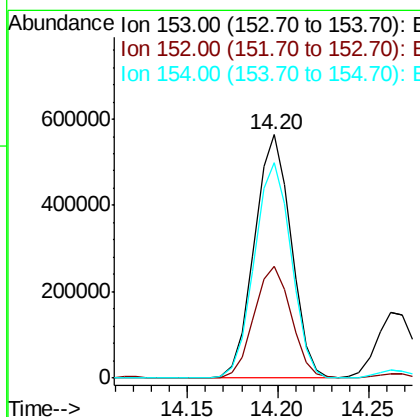
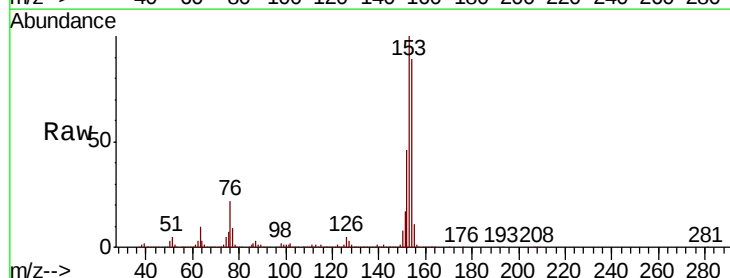
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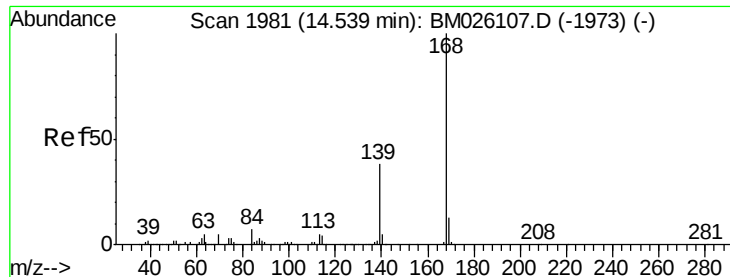
Tot Ion:	154	Resp:	152915
Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.3	48.5
76	15.9	13.0	19.6



#50
 Acenaphthene
 Concen: 29.037 ng/ul
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

Tgt Ion:	153	Resp:	794092
Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	88.6	69.8	104.8





#54

Dibenzenofuran

Concen: 15.569 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

ClientSampleId :

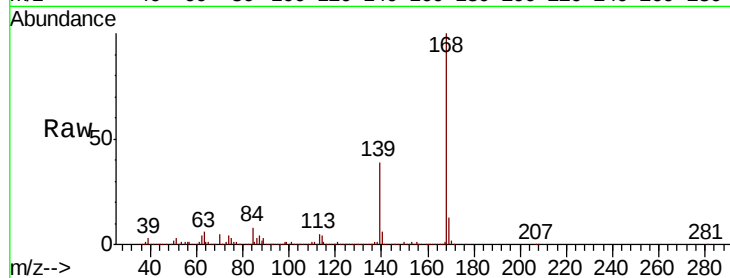
F9B11DL

Tot Ion:168 Resp: 598354

Ion Ratio Lower Upper

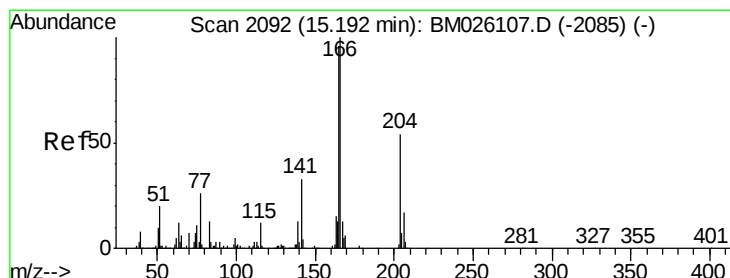
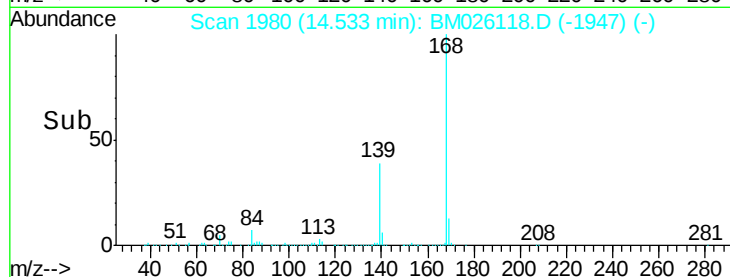
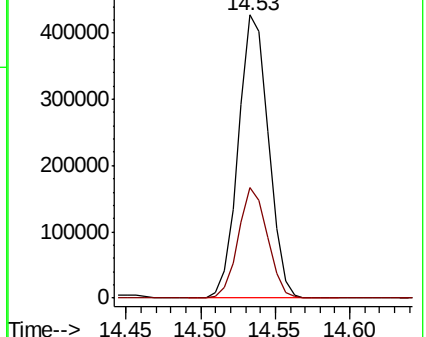
168 100

139 39.1 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 13.992 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

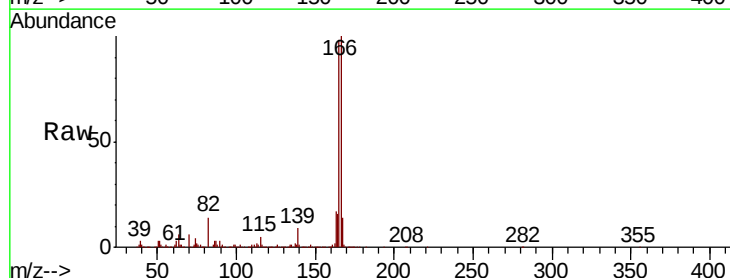
Tgt Ion:166 Resp: 435003

Ion Ratio Lower Upper

166 100

165 97.9 77.3 115.9

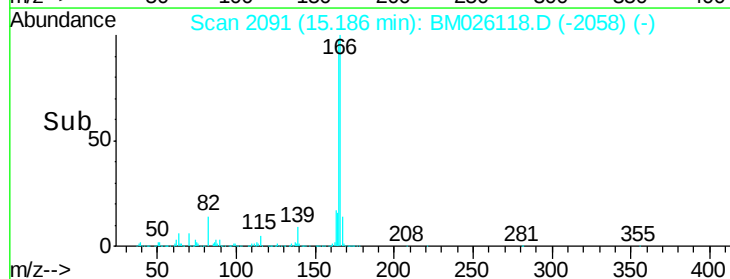
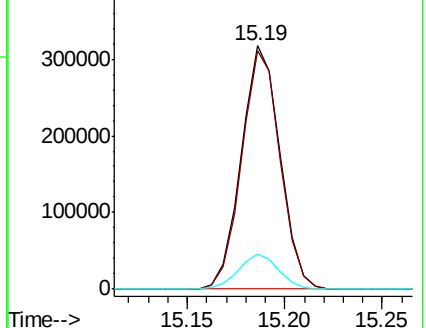
167 14.2 10.6 16.0

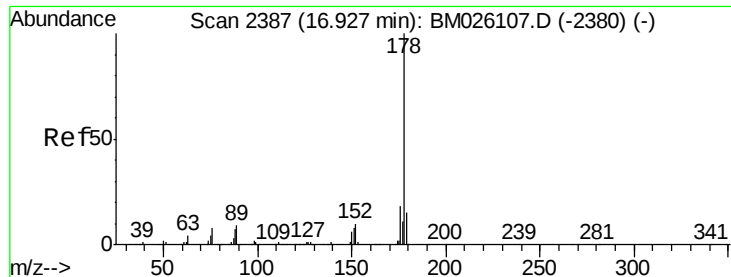


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 18.876 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

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F9B11DL

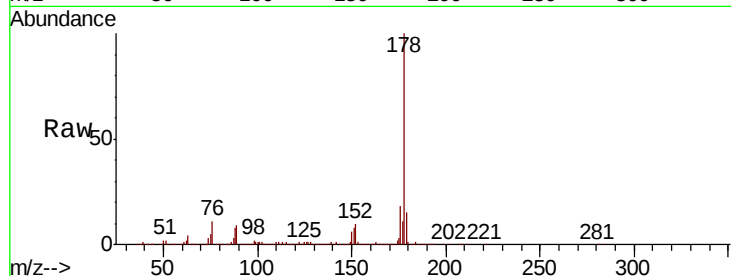
Tot Ion:178 Resp: 917923

Ion Ratio Lower Upper

178 100

179 15.0 11.9 17.9

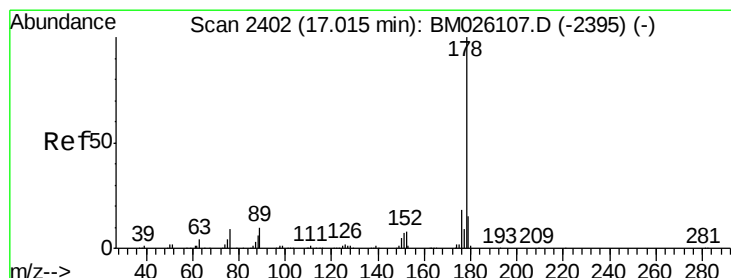
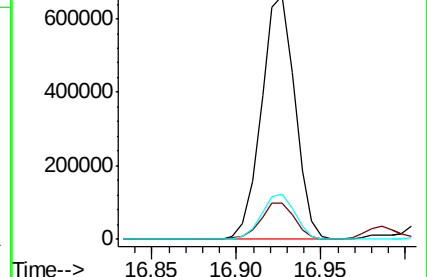
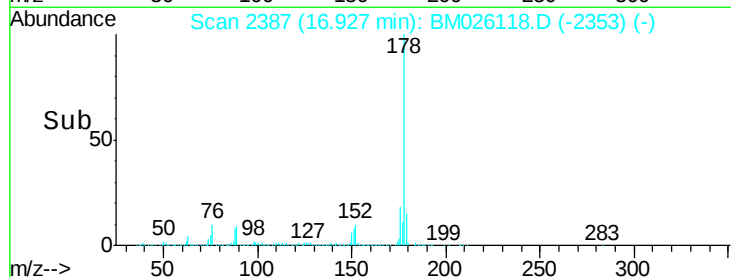
176 18.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.826 ng/ul

RT: 17.02 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

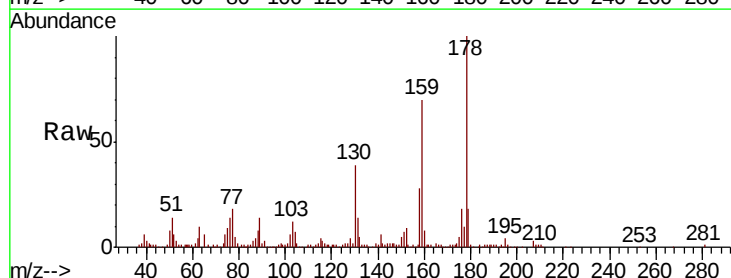
Tgt Ion:178 Resp: 89105

Ion Ratio Lower Upper

178 100

179 17.8 12.2 18.4

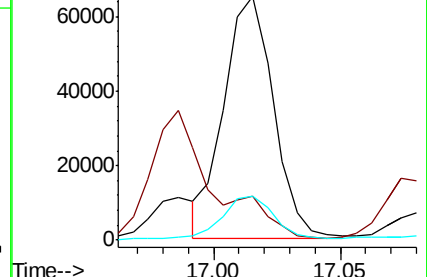
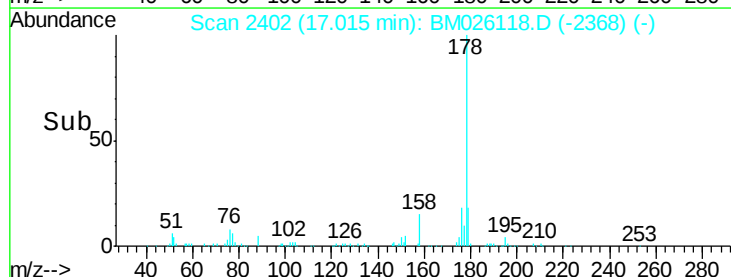
176 17.8 14.9 22.3

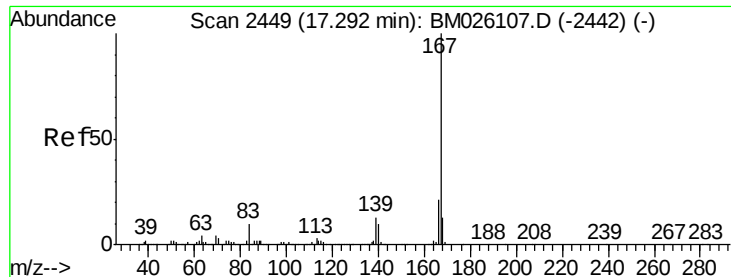


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 45.297 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

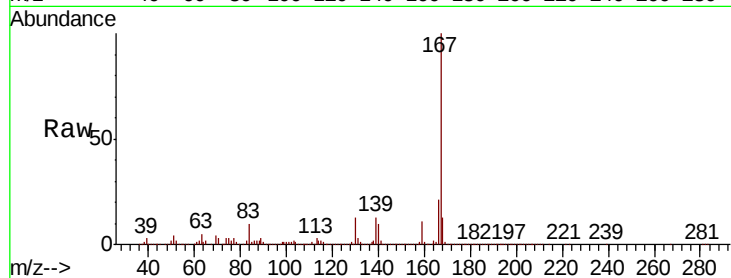
BNA_M

ClientSampleId :

F9B11DL

Tot Ion:167 Resp: 1828265

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	25.0
139	13.2	10.8	16.2

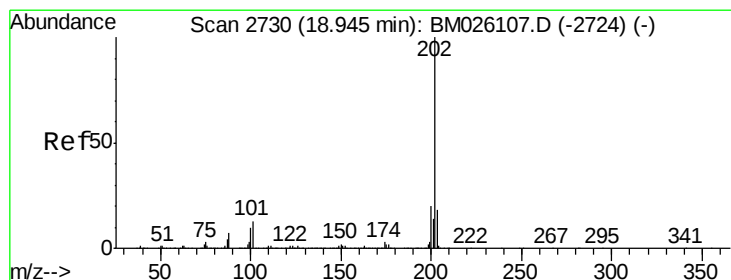
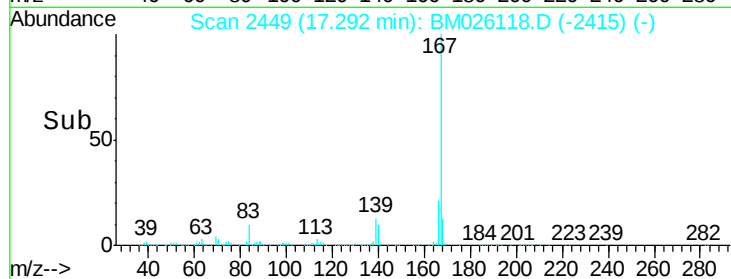
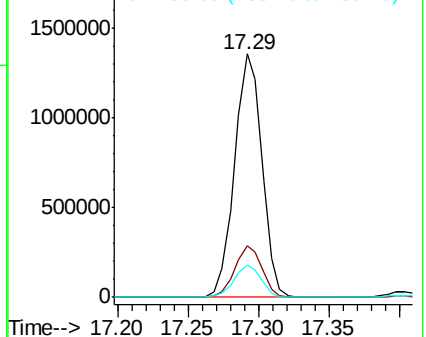


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 5.477 ng/ul

RT: 18.94 min Scan# 2730

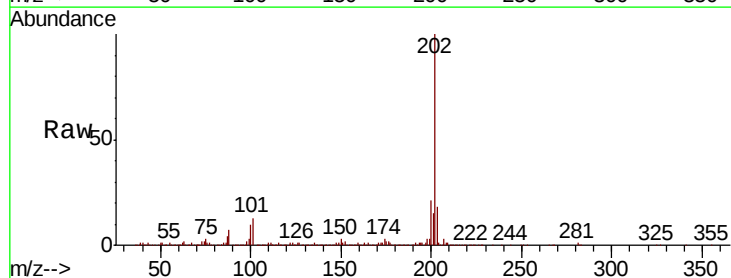
Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Tgt Ion:202 Resp: 279374

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	9.7	7.6	11.4

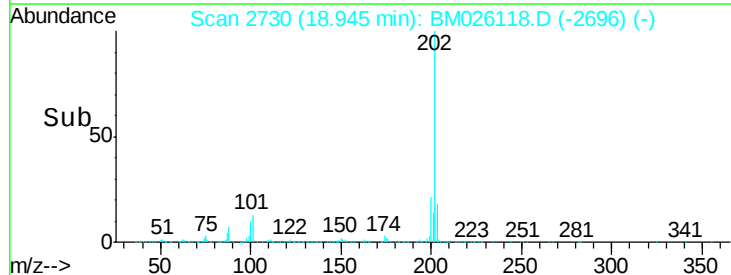
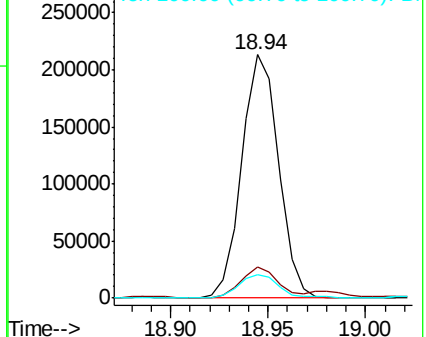


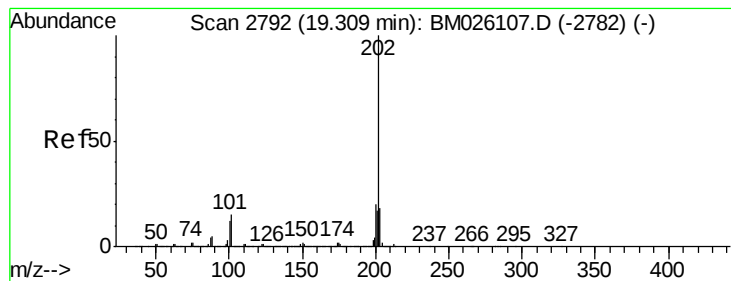
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 3.182 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

ClientSampleId :

F9B11DL

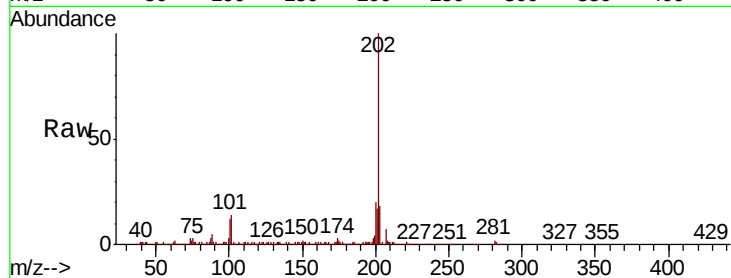
Tot Ion:202 Resp: 181341

Ion Ratio Lower Upper

202 100

101 13.7 12.2 18.4

100 12.2 10.2 15.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

