

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
 Data File : BM026119.D
 Acq On : 26 May 2020 18:08
 Operator : MA/SJ
 Sample : L2737-15DL 20X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B14DL

Quant Time: May 27 03:22:48 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	139968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	560960	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	329382	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	702565	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	746012	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	766734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	1063	0.23	ng/uL	0.00
5) Phenol-d5	6.69	99	4788	0.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	15308	1.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	12988	1.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	8393	0.88	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	8577	1.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	7833	1.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	14474	1.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	1865	0.20	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	49358	1.87	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	53296	1.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	1264	0.27	ng/ul	0.02
58) Fluorene-d10	15.13	176	44384	1.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	3782	0.92	ng/ul	0.00
71) Anthracene-d10	16.98	188	68044	1.97	ng/ul	0.00
79) Pyrene-d10	19.28	212	73610	1.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	70363	1.72	ng/ul	0.00

Target Compounds

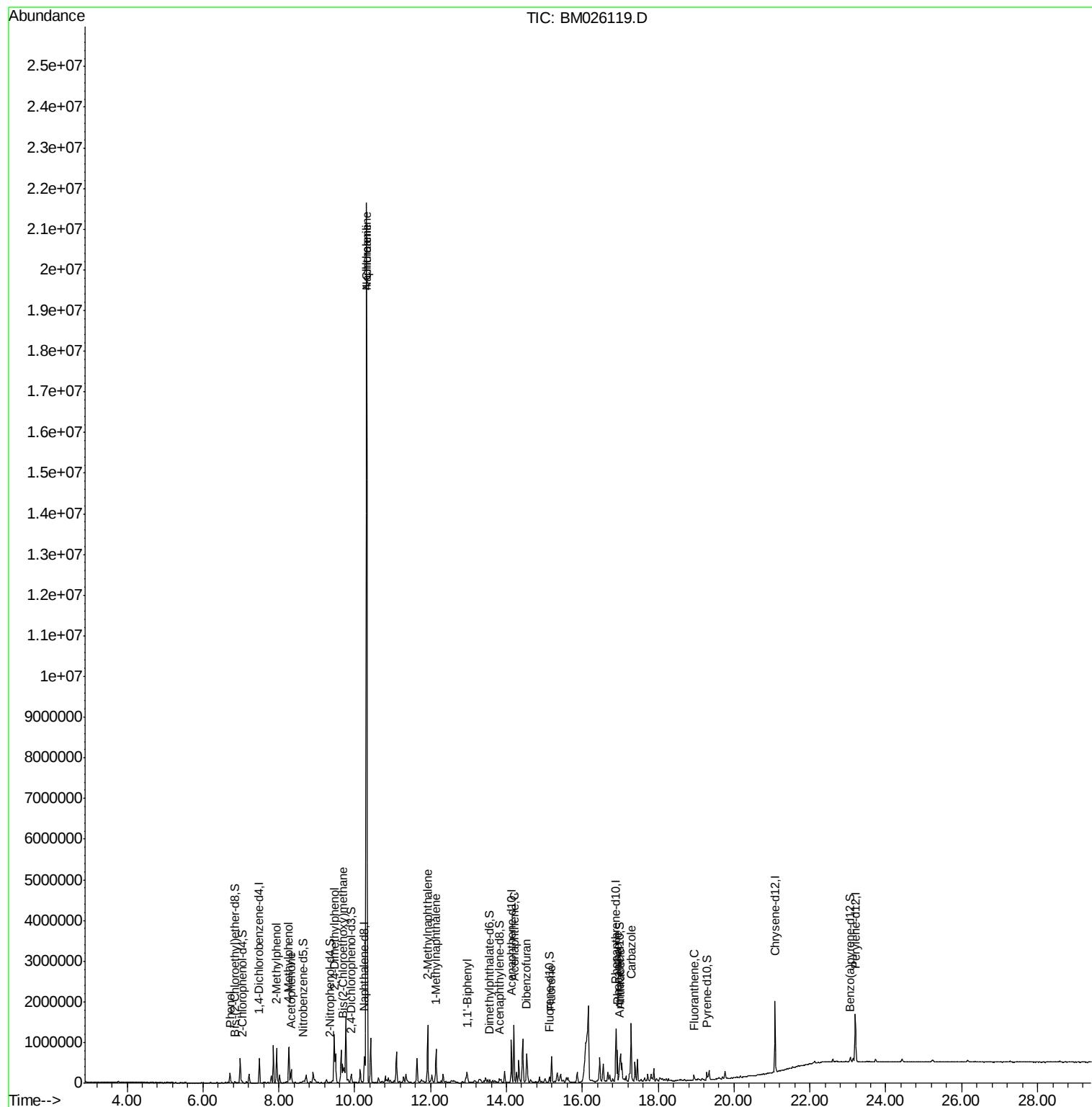
					Ovalue	
6) Phenol	6.71	94	127402	8.951	ng/ul	98
11) 2-Methylphenol	7.94	108	252529	25.750	ng/ul	99
14) Acetophenone	8.31	105	20896	1.302	ng/ul#	79
16) 4-Methylphenol	8.27	108	337953	31.687	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	387118	30.816	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.68	93	18082	1.227	ng/ul#	1
28) Naphthalene	10.32	128	17847008	520.349	ng/ul#	92
30) 4-Chloroaniline	10.32	127	2612878	271.514	ng/ul#	13
34) 2-Methylnaphthalene	11.92	142	610057	26.445	ng/ul	99
35) 1-Methylnaphthalene	12.15	142	335490	15.675	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	121529	4.158	ng/ul	98
50) Acenaphthene	14.20	153	510503	21.070	ng/ul	98
54) Dibenzofuran	14.53	168	375043	11.014	ng/ul	99
59) Fluorene	15.19	166	257458	9.347	ng/ul	99
70) Phenanthrene	16.92	178	428025	9.672	ng/ul	100
72) Anthracene	17.02	178	45967	1.035	ng/ul	95
75) Carbazole	17.29	167	840010	22.869	ng/ul	99
77) Fluoranthene	18.94	202	72293	1.557	ng/ul	98

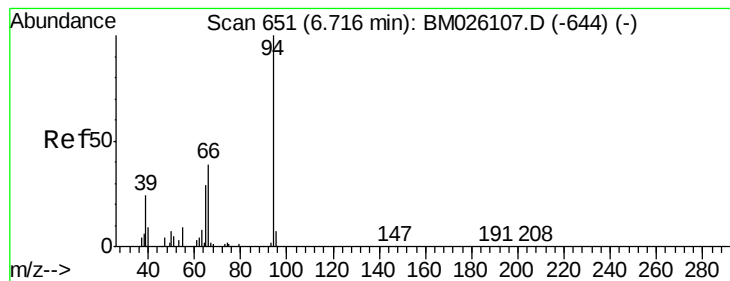
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.951 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampled :

F9B14DL

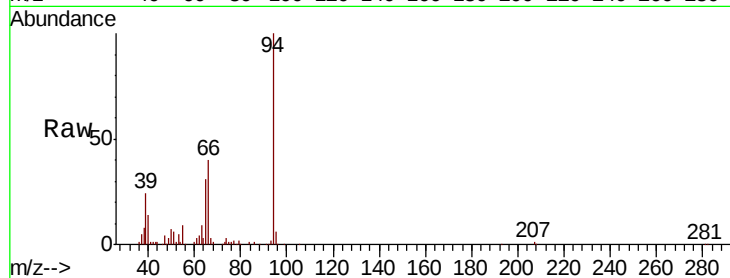
Tot Ion: 94 Resp: 127402

Ion Ratio Lower Upper

94 100

65 31.2 25.8 38.8

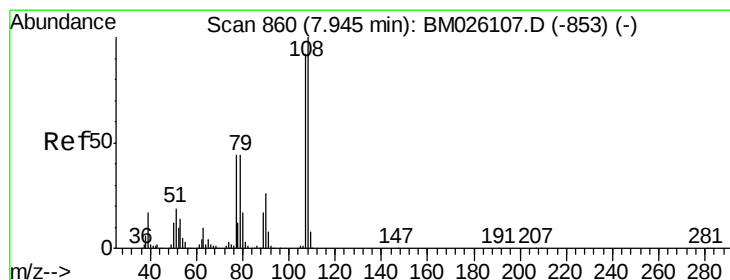
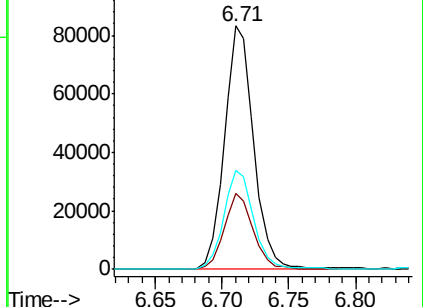
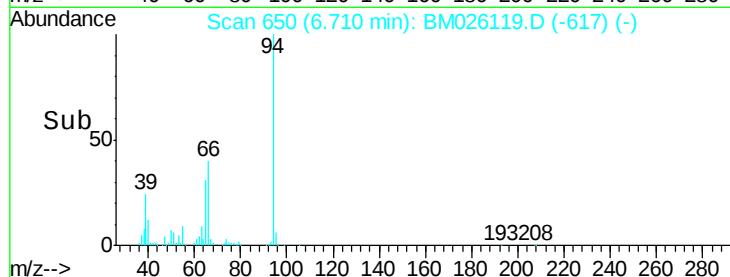
66 40.4 33.3 49.9



Abundance Ion 94.00 (93.70 to 94.70): BM026119.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM026119.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM026119.D (-617) (-)



#11

2-Methylphenol

Concen: 25.750 ng/ul

RT: 7.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM026119.D

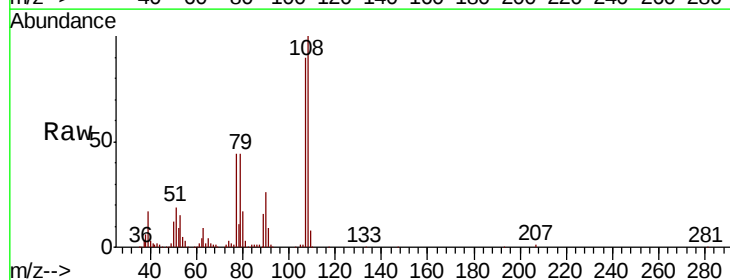
Acq: 26 May 2020 18:08

Tgt Ion: 108 Resp: 252529

Ion Ratio Lower Upper

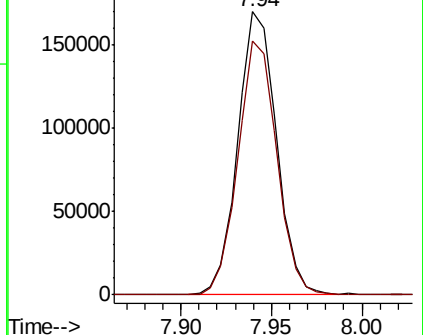
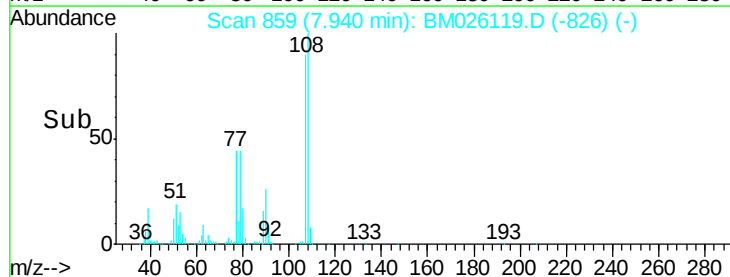
108 100

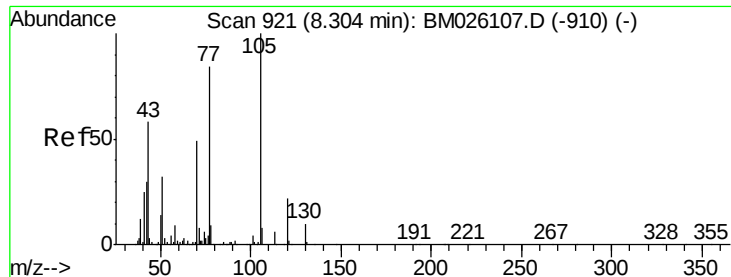
107 89.6 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): BM026119.D (-826) (-)

Ion 107.00 (106.70 to 107.70): BM026119.D (-826) (-)





#14

Acetophenone

Concen: 1.302 ng/ul

RT: 8.31 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

F9B14DL

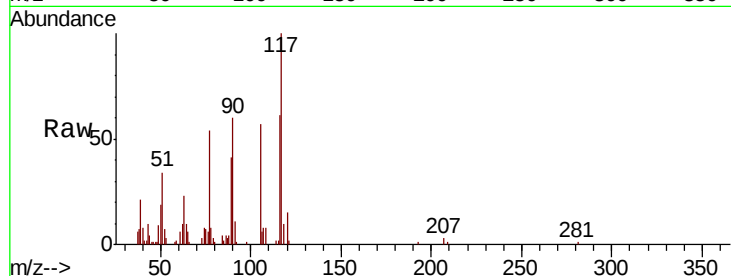
Tot Ion:105 Resp: 20896

Ion Ratio Lower Upper

105 100

77 94.9 67.2 100.8

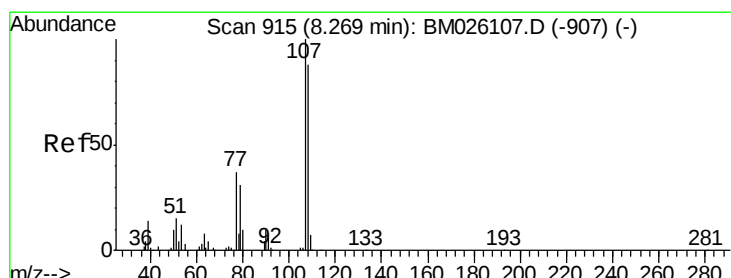
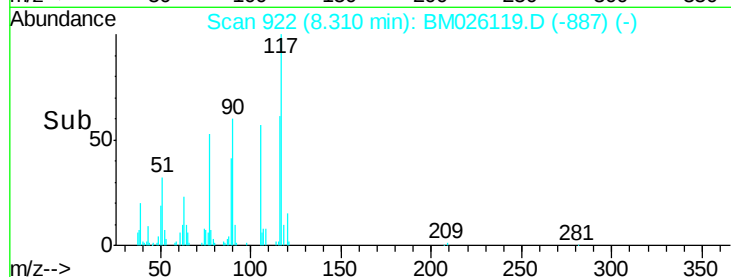
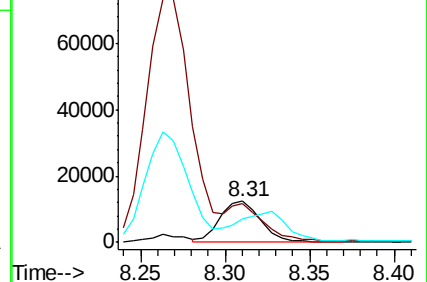
51 58.6 27.4 41.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 31.687 ng/ul

RT: 8.27 min Scan# 915

Delta R.T. 0.00 min

Lab File: BM026119.D

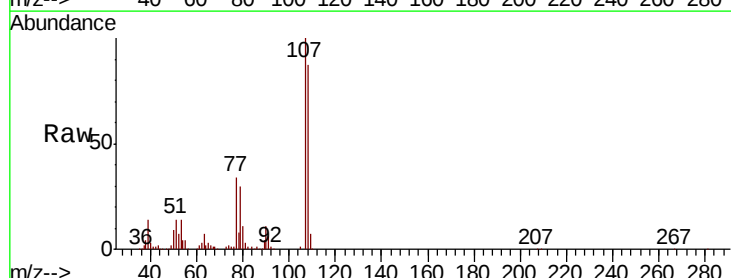
Acq: 26 May 2020 18:08

Tgt Ion:108 Resp: 337953

Ion Ratio Lower Upper

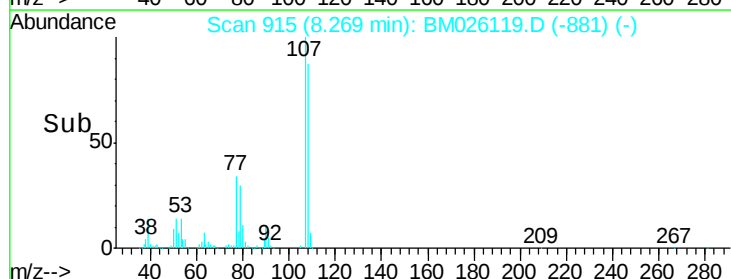
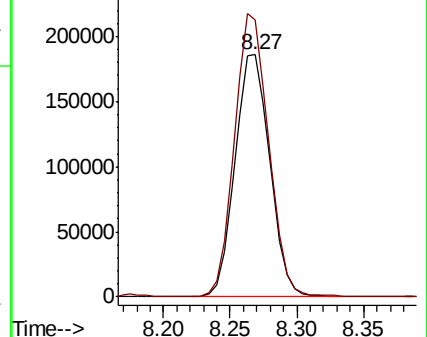
108 100

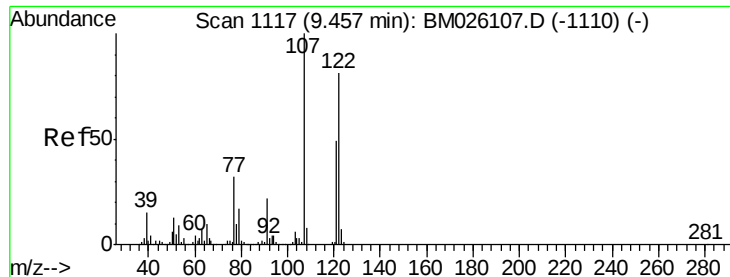
107 114.6 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

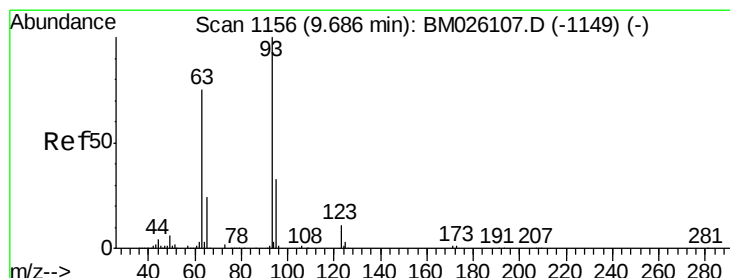
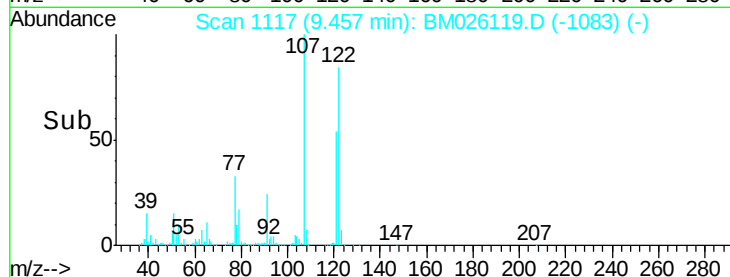
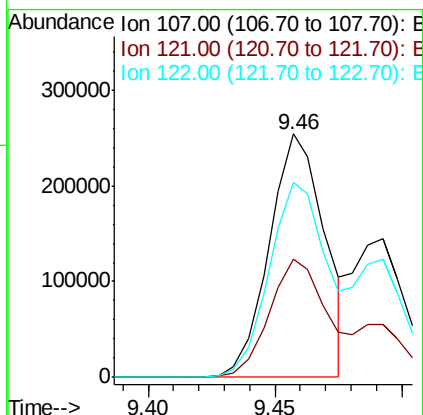
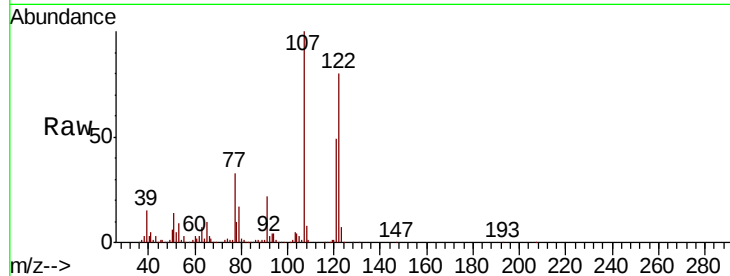




#24
 2,4-Dimethylphenol
 Concen: 30.816 ng/ul
 RT: 9.46 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

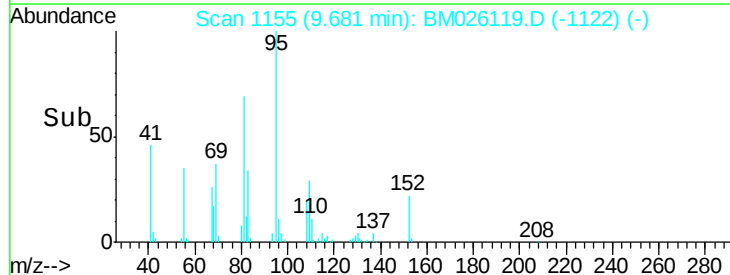
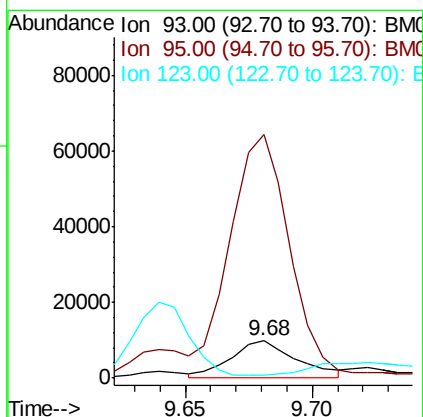
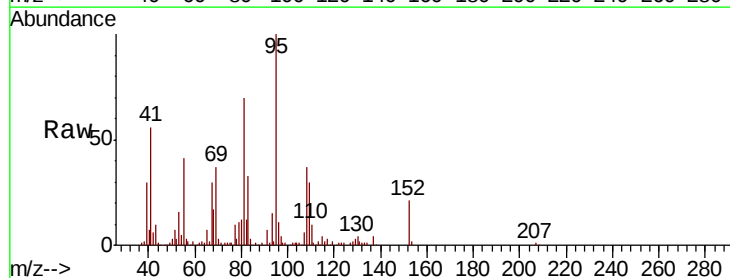
Instrument :
 BNA_M
 ClientSampleID :
 F9B14DL

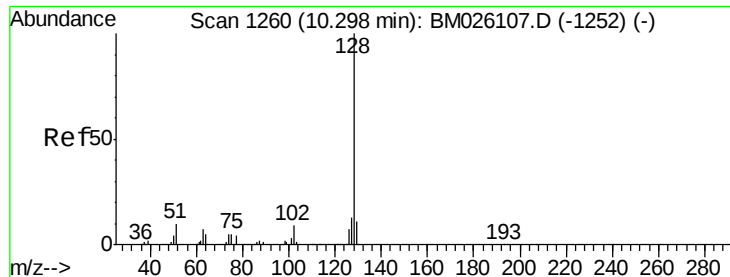
Tot Ion	Ratio	Lower	Upper
107	100		
121	48.7	37.5	56.3
122	80.0	63.8	95.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.227 ng/ul
 RT: 9.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BM026119.D
 Acq: 26 May 2020 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	649.3	25.5	38.3#
123	7.1	8.6	12.8#





#28

Naphthalene

Concen: 520.349 ng/ul

RT: 10.32 min Scan# 1263

Delta R.T. 0.02 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

F9B14DL

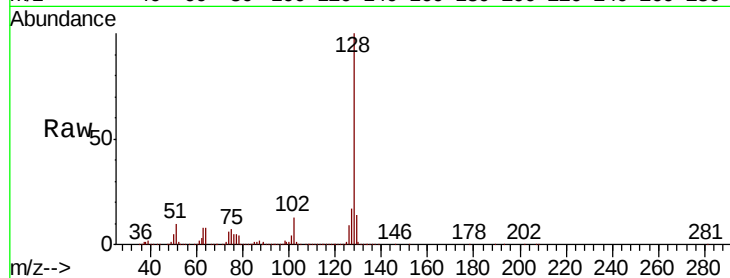
Tot Ion:128 Resp:17847008

Ion Ratio Lower Upper

128 100

129 14.0 9.0 13.4#

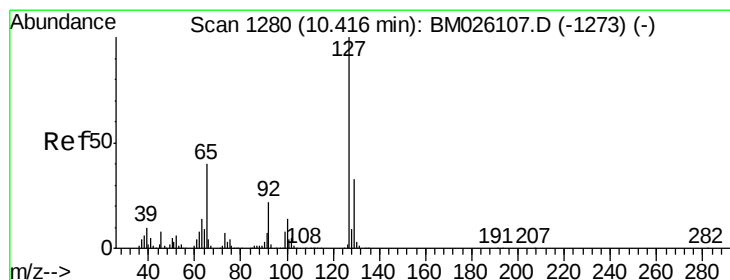
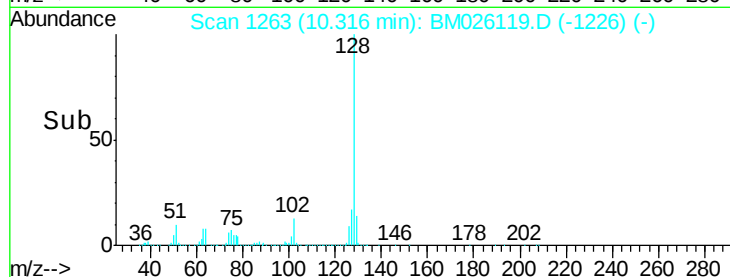
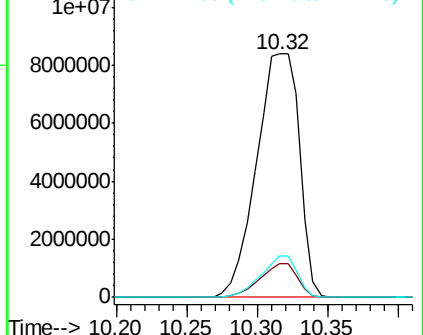
127 16.9 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 271.514 ng/ul

RT: 10.32 min Scan# 1264

Delta R.T. -0.09 min

Lab File: BM026119.D

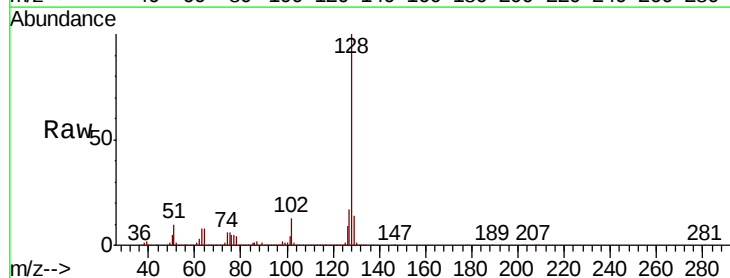
Acq: 26 May 2020 18:08

Tgt Ion:127 Resp: 2612878

Ion Ratio Lower Upper

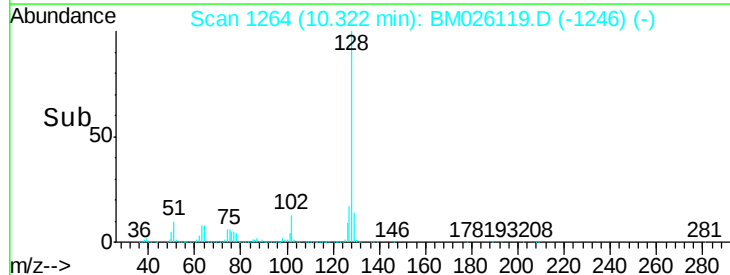
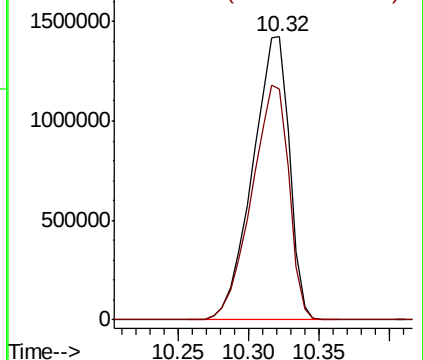
127 100

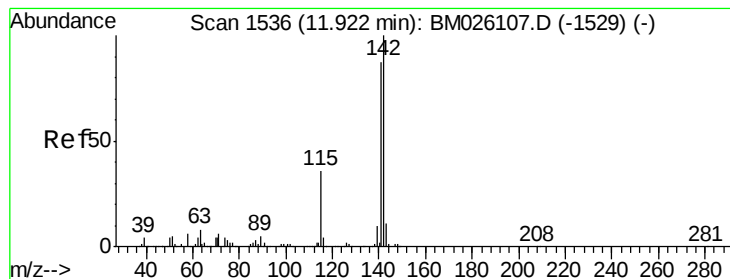
129 81.6 26.2 39.2#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 26.445 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

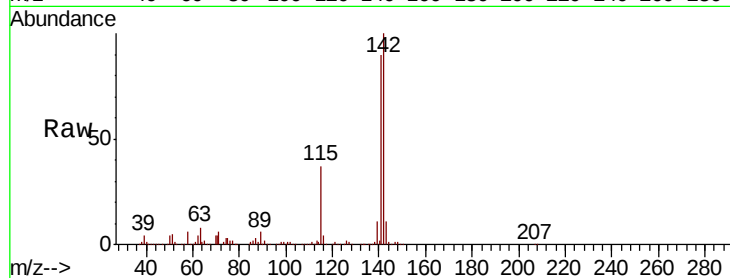
F9B14DL

Tot Ion:142 Resp: 610057

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.92

400000

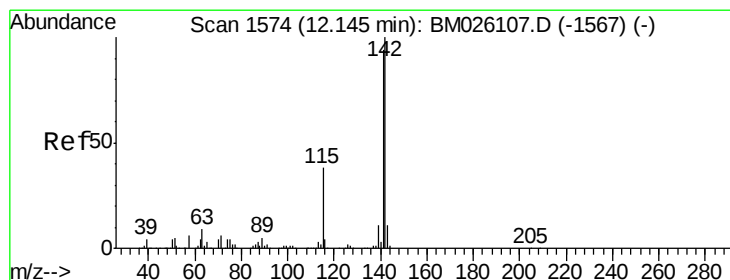
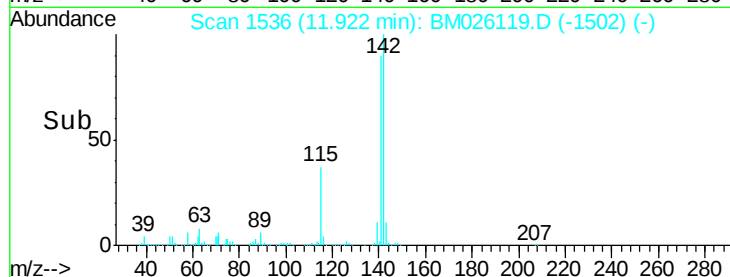
300000

200000

100000

0

Time-->



#35

1-Methylnaphthalene

Concen: 15.675 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

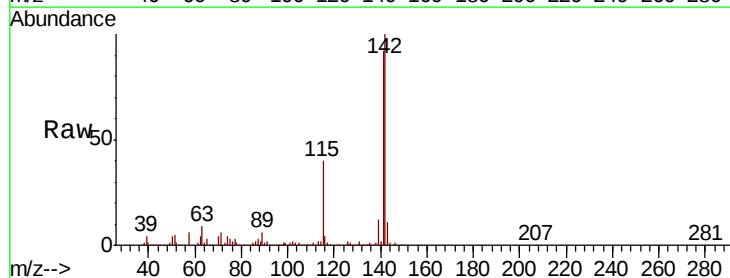
Tgt Ion:142 Resp: 335490

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4

116 4.2 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

12.15

300000

250000

200000

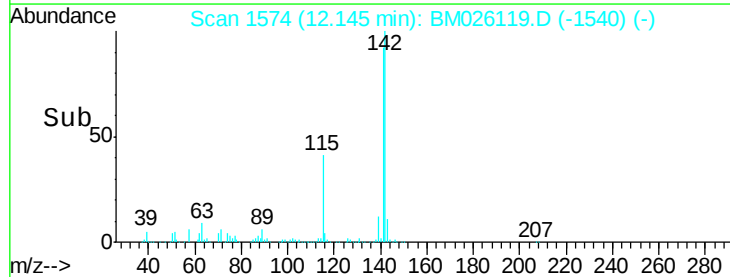
150000

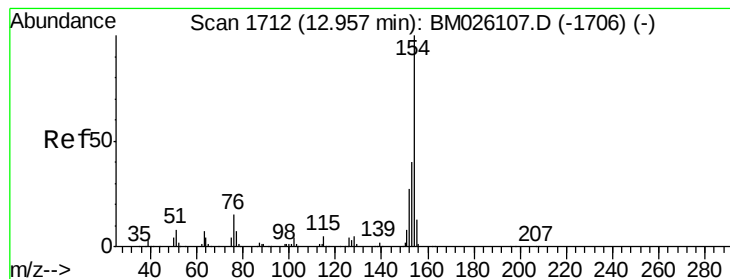
100000

50000

0

Time-->





#41

1,1'-Biphenyl

Concen: 4.158 ng/ul

RT: 12.96 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampled :

F9B14DL

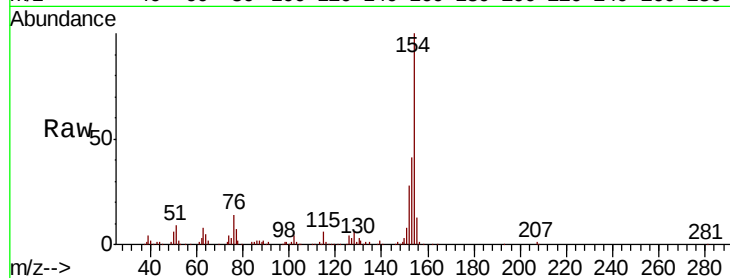
Tot Ion:154 Resp: 121529

Ion Ratio Lower Upper

154 100

153 40.7 32.3 48.5

76 13.5 13.0 19.6



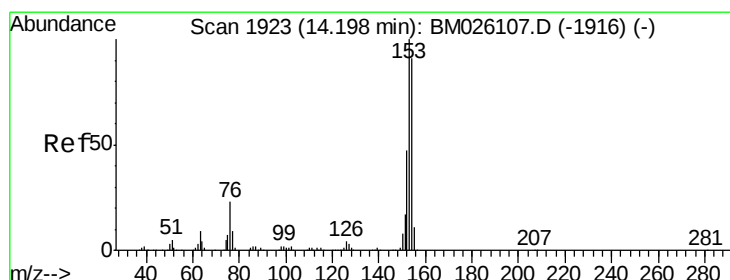
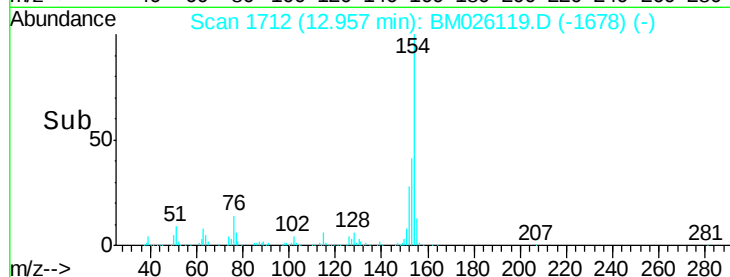
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

12.96

Time-->



#50

Acenaphthene

Concen: 21.070 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

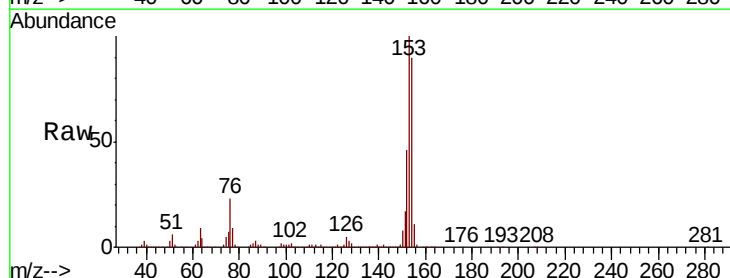
Tgt Ion:153 Resp: 510503

Ion Ratio Lower Upper

153 100

152 46.3 37.2 55.8

154 90.1 69.8 104.8



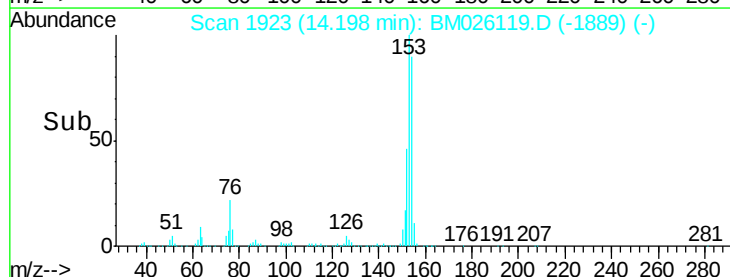
Abundance Ion 153.00 (152.70 to 153.70): E

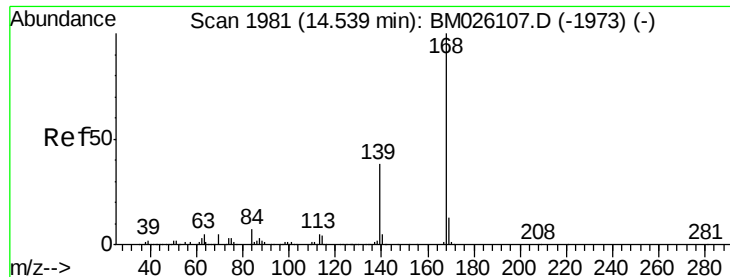
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.20

Time-->





#54

Dibenzenofuran

Concen: 11.014 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

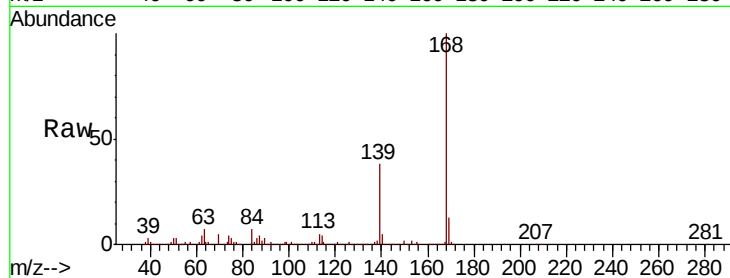
F9B14DL

Tot Ion:168 Resp: 375043

Ion Ratio Lower Upper

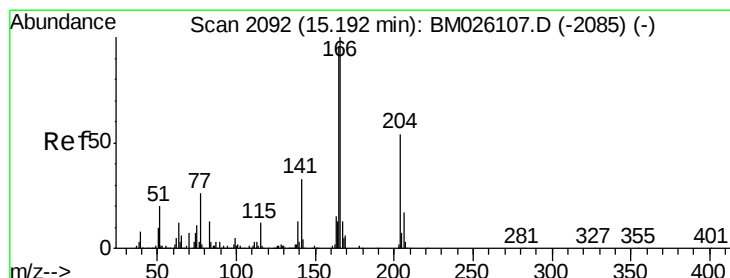
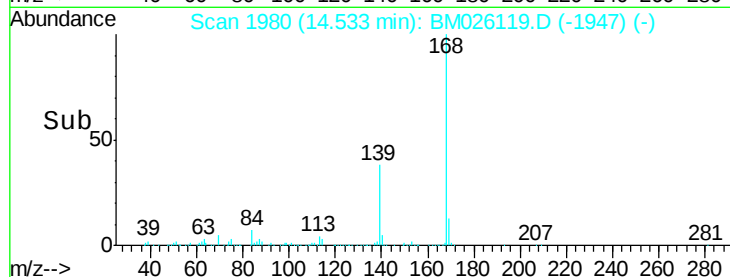
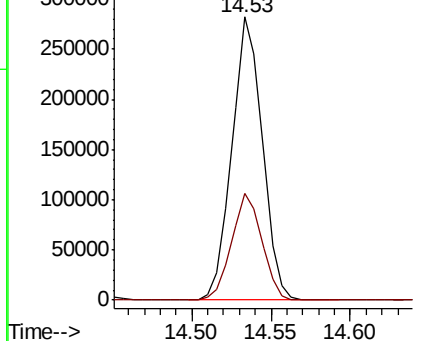
168 100

139 37.8 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: 9.347 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

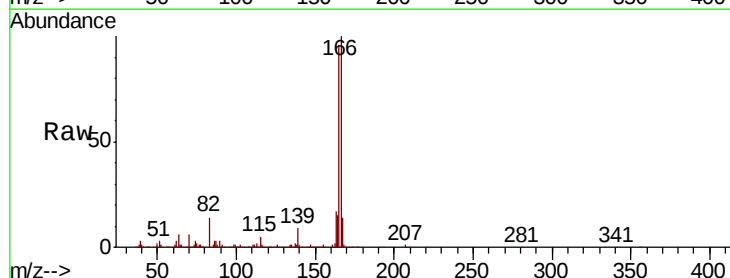
Tgt Ion:166 Resp: 257458

Ion Ratio Lower Upper

166 100

165 96.2 77.3 115.9

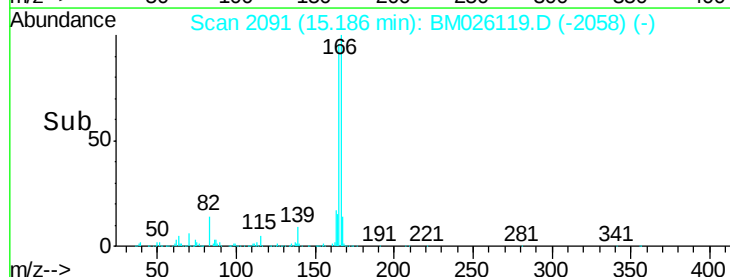
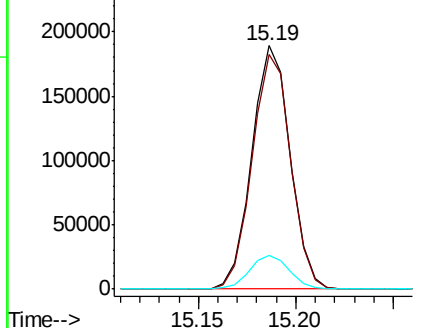
167 13.9 10.6 16.0

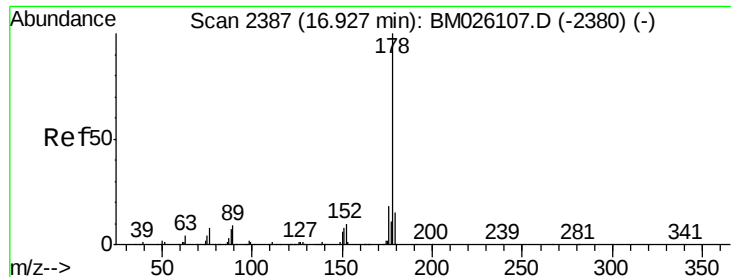


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 9.672 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

F9B14DL

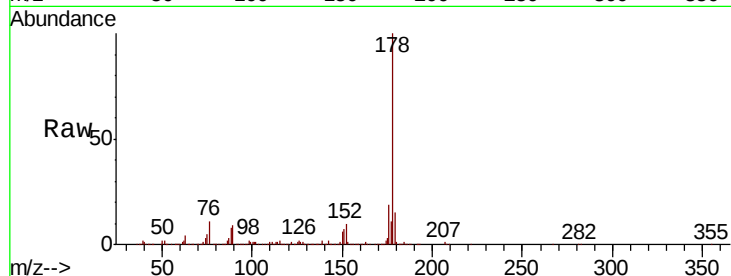
Tot Ion:178 Resp: 428025

Ion Ratio Lower Upper

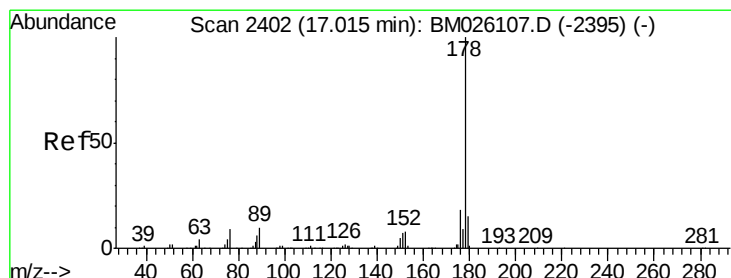
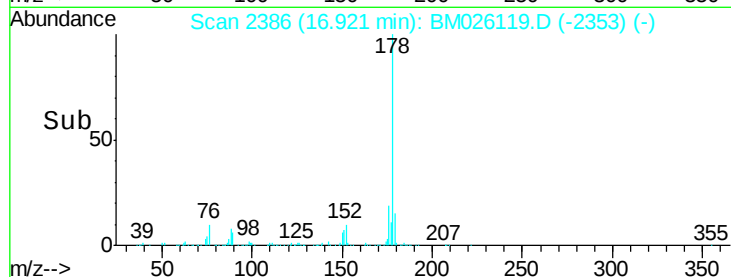
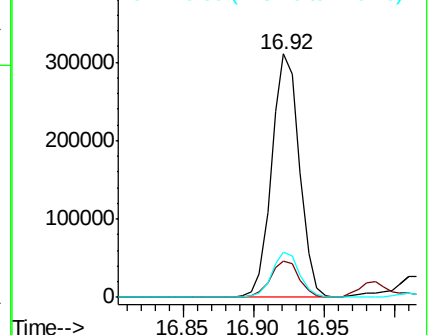
178 100

179 15.1 11.9 17.9

176 18.6 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: 1.035 ng/ul

RT: 17.02 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

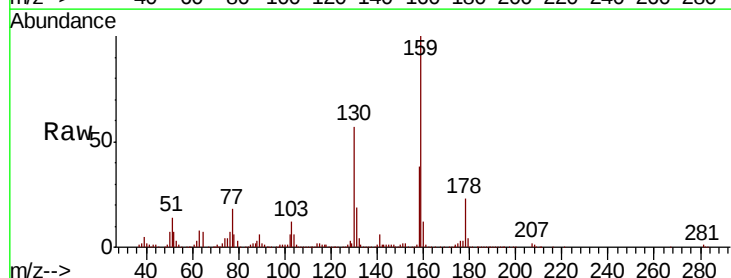
Tgt Ion:178 Resp: 45967

Ion Ratio Lower Upper

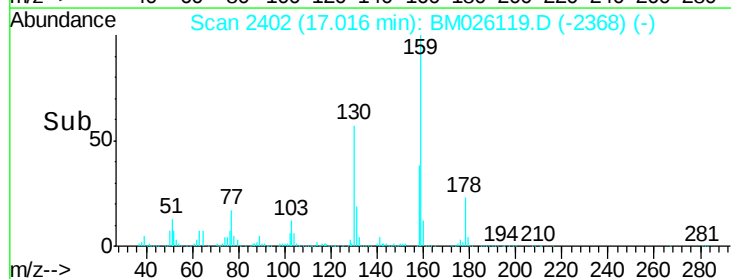
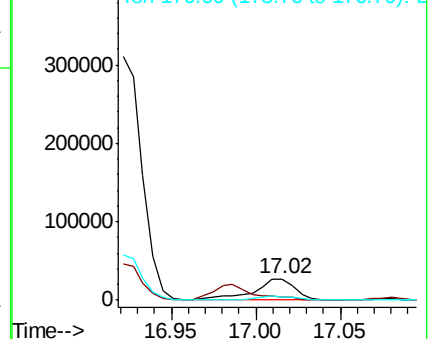
178 100

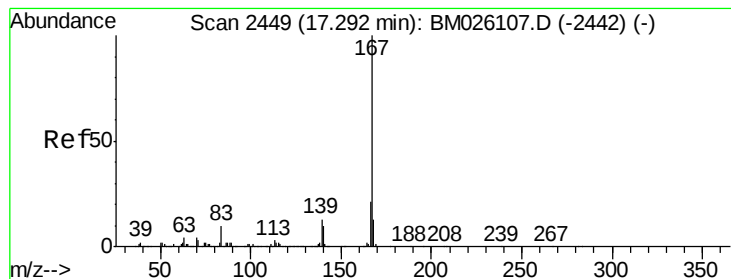
179 16.0 12.2 18.4

176 15.2 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: 22.869 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

Instrument :

BNA_M

ClientSampleId :

F9B14DL

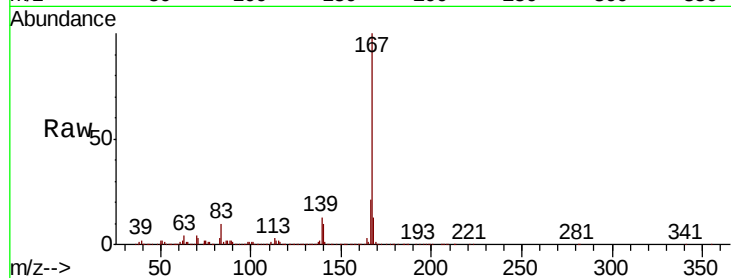
Tot Ion:167 Resp: 840010

Ion Ratio Lower Upper

167 100

166 21.3 16.6 25.0

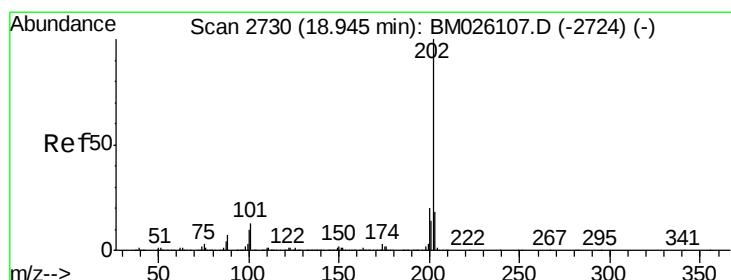
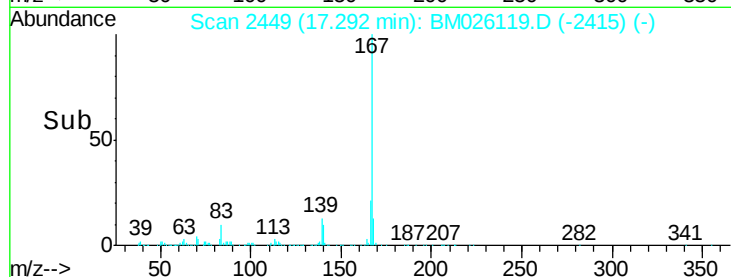
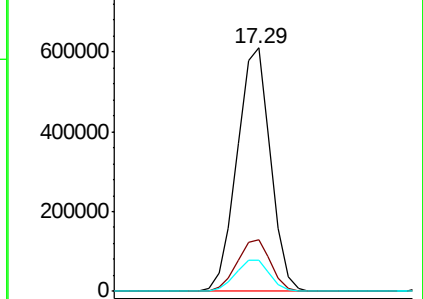
139 12.9 10.8 16.2



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: 1.557 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM026119.D

Acq: 26 May 2020 18:08

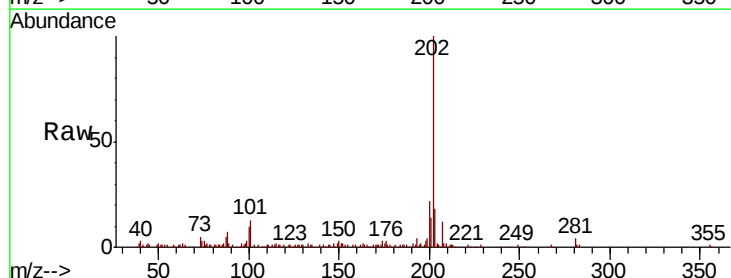
Tgt Ion:202 Resp: 72293

Ion Ratio Lower Upper

202 100

101 13.1 9.5 14.3

100 9.8 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

