

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026072.D
 Acq On : 22 May 2020 00:22
 Operator : MA/SJ
 Sample : L2725-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 22 01:55:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	158526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	689697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	431871	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	957377	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1031104	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1018062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	21421	4.08	ng/uL	0.00
5) Phenol-d5	6.69	99	112831	7.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	260933	26.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	277008	24.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	204315	18.85	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	152098	27.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	167737	30.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	330164	29.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	7958	0.70	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1025051	29.60	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1211622	29.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	48783	7.95	ng/ul	0.02
58) Fluorene-d10	15.14	176	898589	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	163885	29.36	ng/ul	0.00
71) Anthracene-d10	16.99	188	1433511	30.39	ng/ul	0.00
79) Pyrene-d10	19.29	212	1642582	31.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1511869	27.90	ng/ul	0.00

Target Compounds

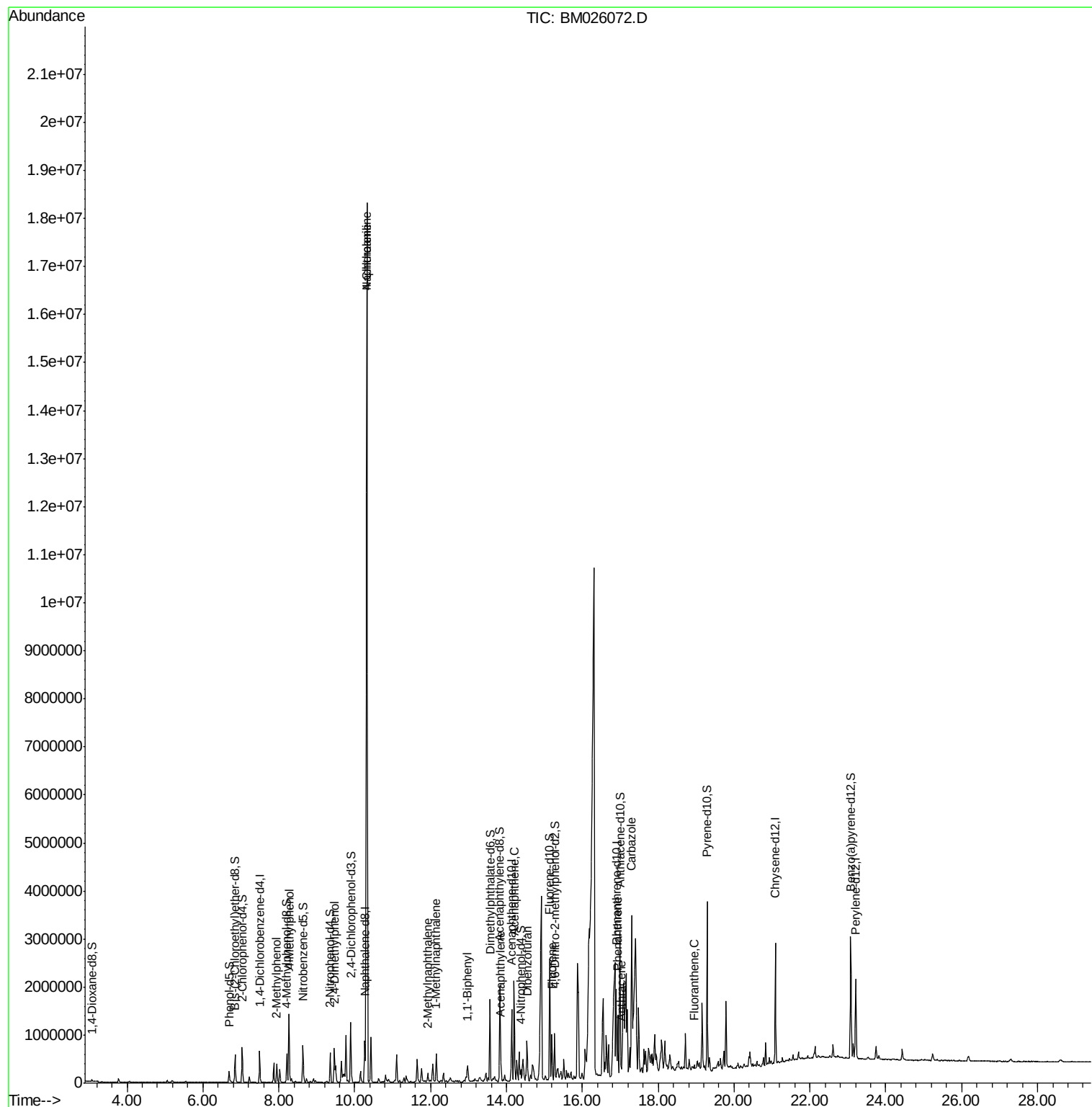
					Ovalue	
11) 2-Methylphenol	7.95	108	114194	10.281	ng/ul	100
16) 4-Methylphenol	8.27	108	493383	40.844	ng/ul	89
24) 2,4-Dimethylphenol	9.46	107	227090	14.703	ng/ul	97
28) Naphthalene	10.32	128	14526426	344.478	ng/ul	99
30) 4-Chloroaniline	10.32	127	1965510	166.120	ng/ul#	13
34) 2-Methylnaphthalene	11.93	142	80022	2.821	ng/ul	92
35) 1-Methylnaphthalene	12.15	142	240551	9.141	ng/ul	96
41) 1,1'-Biophenyl	12.96	154	135438	3.534	ng/ul	98
48) Acenaphthylene	13.86	152	49671	1.103	ng/ul#	89
50) Acenaphthene	14.20	153	740037	23.295	ng/ul	98
54) Dibenzofuran	14.55	168	455453	10.202	ng/ul	99
59) Fluorene	15.20	166	372443	10.313	ng/ul	100
70) Phenanthrene	16.93	178	617612	10.241	ng/ul	100
72) Anthracene	17.02	178	75093	1.241	ng/ul	98
75) Carbazole	17.30	167	1486256	29.693	ng/ul	100
77) Fluoranthene	18.96	202	63748	1.008	ng/ul#	95

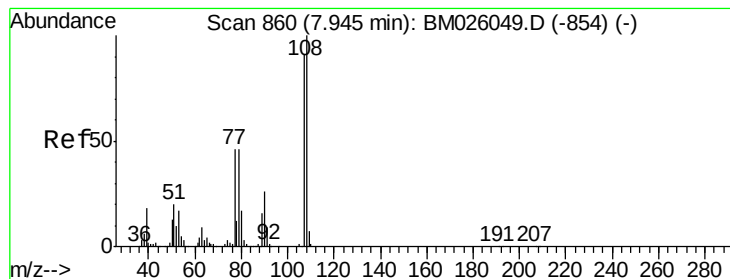
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 10.281 ng/ul

RT: 7.95 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

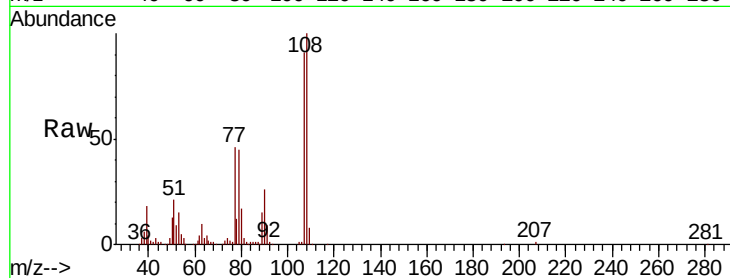
ClientSampleId :

Tot Ion:108 Resp: 114194

Ion Ratio Lower Upper

108 100

107 90.6 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.95

80000

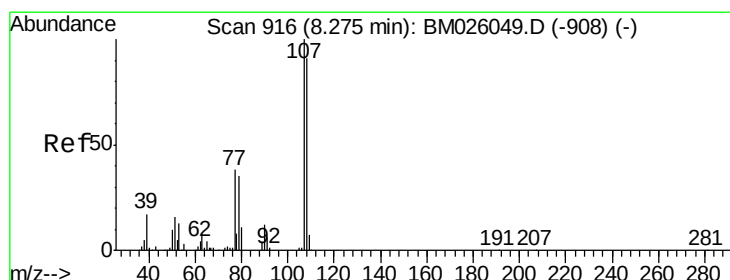
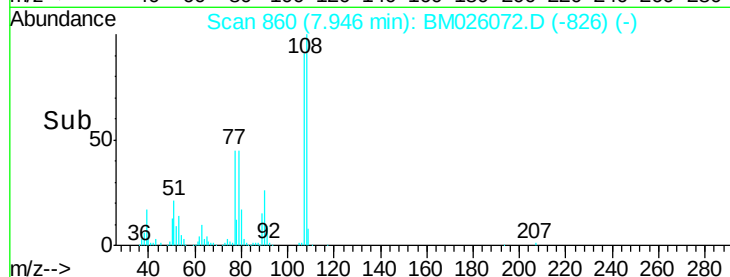
60000

40000

20000

0

Time-->



#16

4-Methylphenol

Concen: 40.844 ng/ul

RT: 8.27 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM026072.D

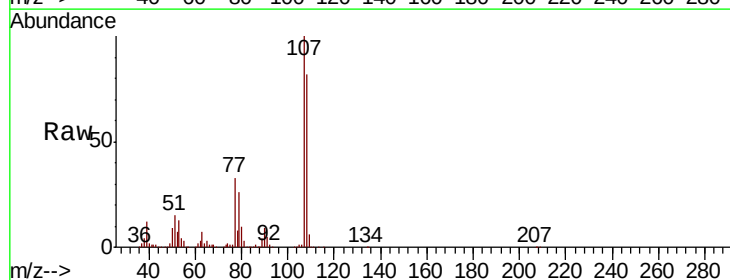
Acq: 22 May 2020 00:22

Tgt Ion:108 Resp: 493383

Ion Ratio Lower Upper

108 100

107 122.2 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.27

400000

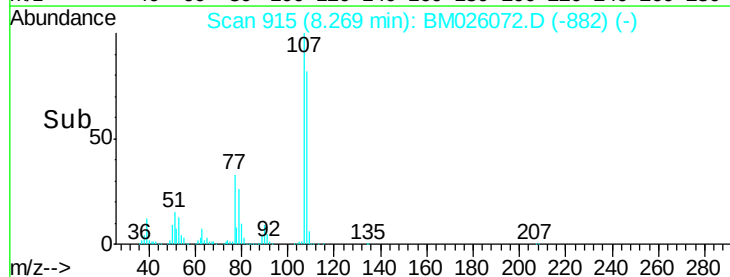
300000

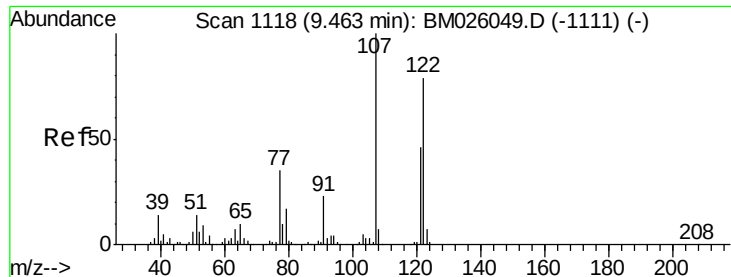
200000

100000

0

Time-->





#24

2,4-Dimethylphenol

Concen: 14.703 ng/ul

RT: 9.46 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

ClientSampleId :

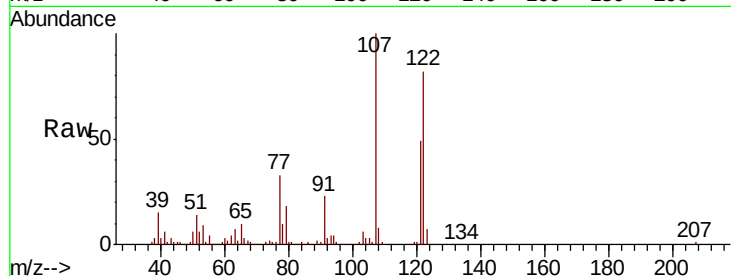
Tot Ion:107 Resp: 227090

Ion Ratio Lower Upper

107 100

121 49.4 37.5 56.3

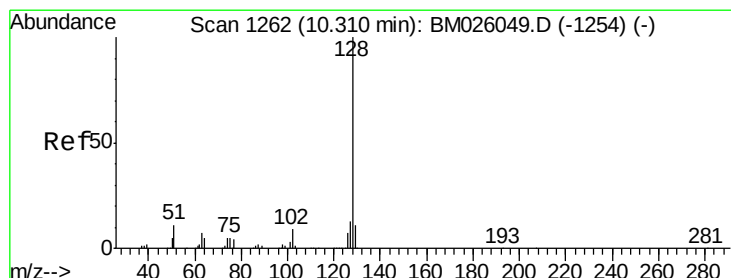
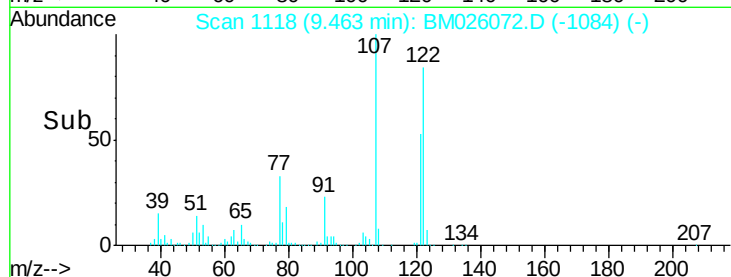
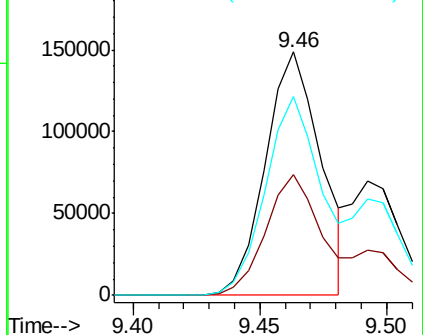
122 81.6 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 344.478 ng/ul

RT: 10.32 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

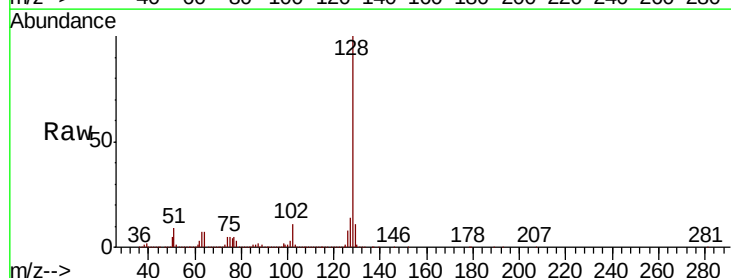
Tgt Ion:128 Resp:14526426

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.4

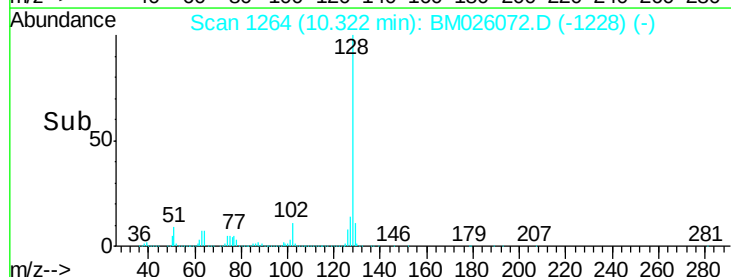
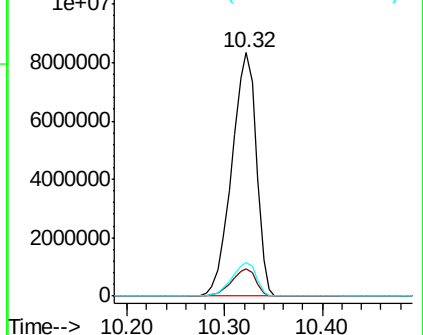
127 14.0 10.6 15.8

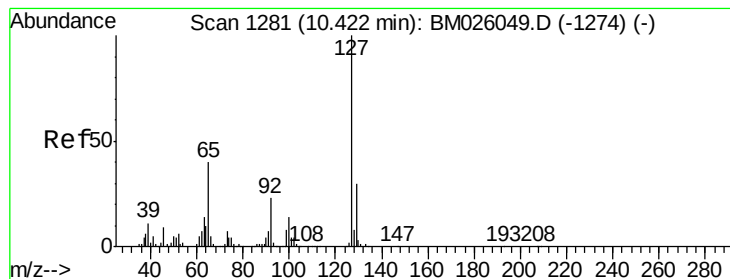


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 166.120 ng/ul

RT: 10.32 min Scan# 1264

Delta R.T. -0.10 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

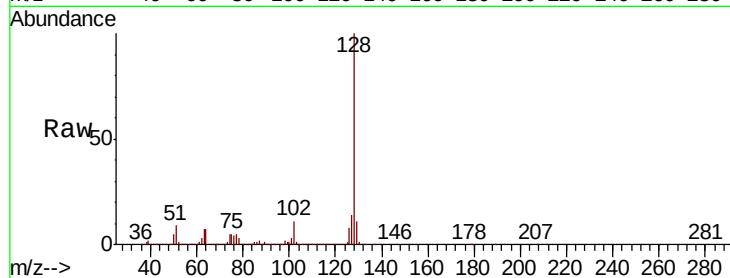
ClientSampled :

Tot Ion:127 Resp: 1965510

Ion Ratio Lower Upper

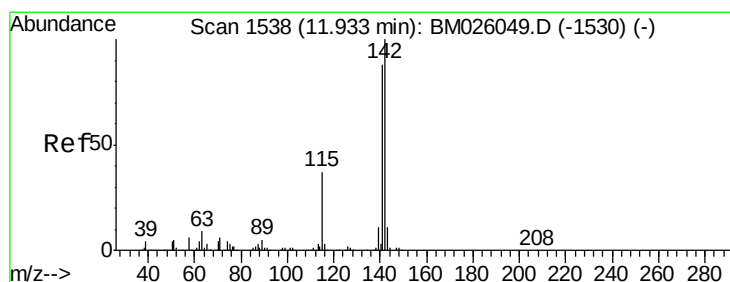
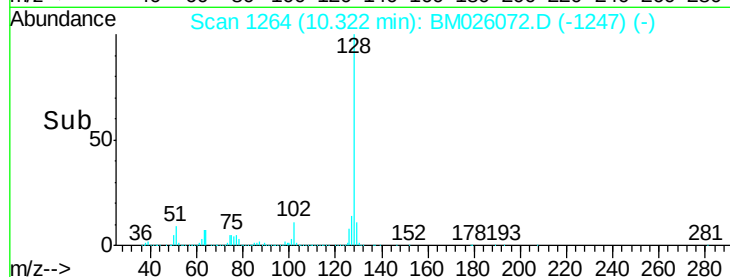
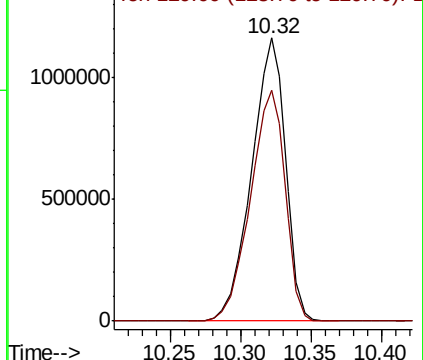
127 100

129 81.5 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: 2.821 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM026072.D

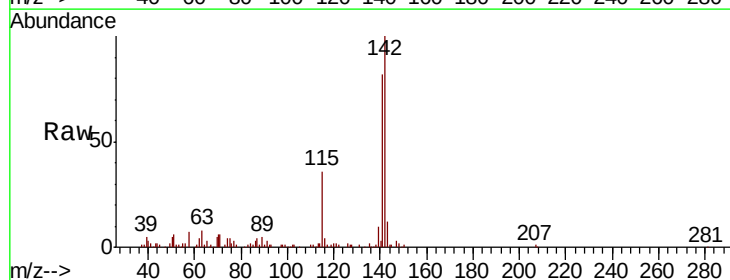
Acq: 22 May 2020 00:22

Tgt Ion:142 Resp: 80022

Ion Ratio Lower Upper

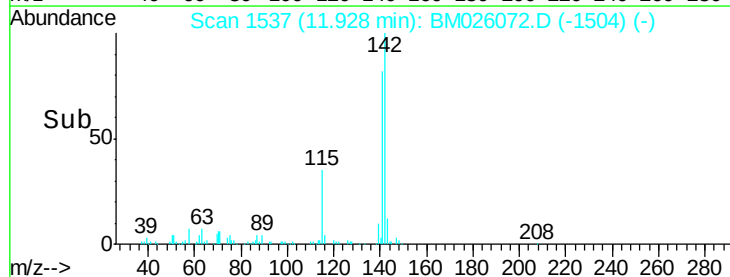
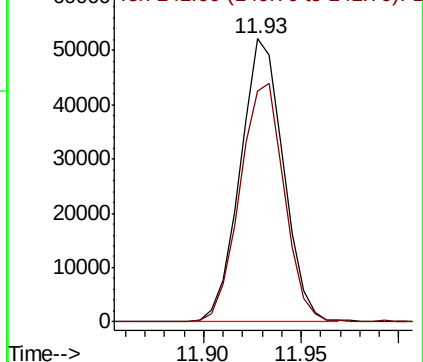
142 100

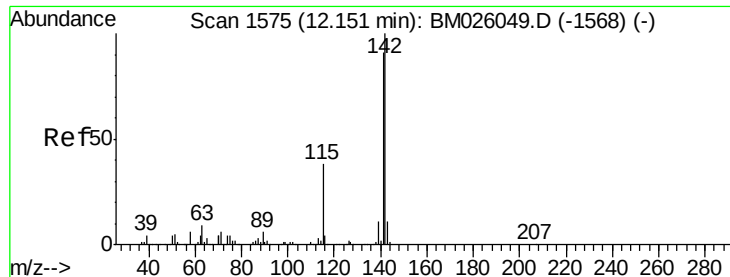
141 81.7 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 9.141 ng/ul

RT: 12.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

ClientSampleId :

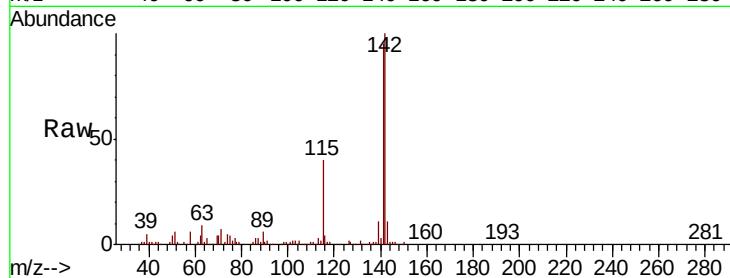
Tot Ion:142 Resp: 240551

Ion Ratio Lower Upper

142 100

141 95.3 73.0 109.4

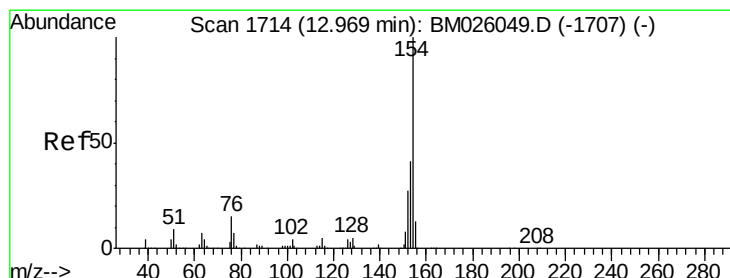
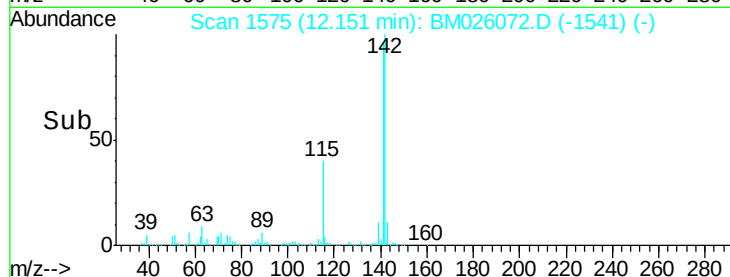
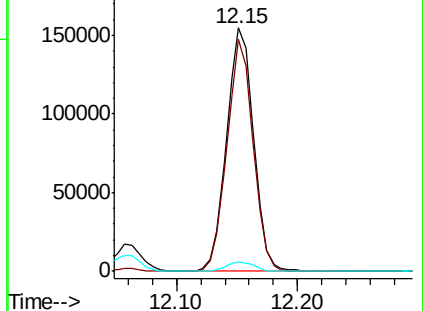
116 4.1 3.3 4.9



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: 3.534 ng/ul

RT: 12.96 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

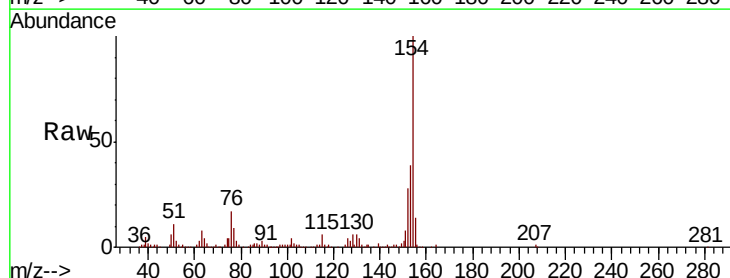
Tgt Ion:154 Resp: 135438

Ion Ratio Lower Upper

154 100

153 38.7 32.3 48.5

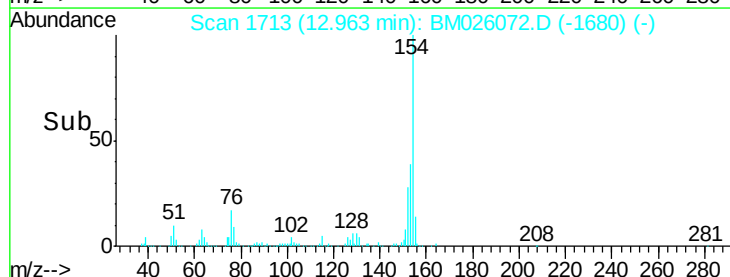
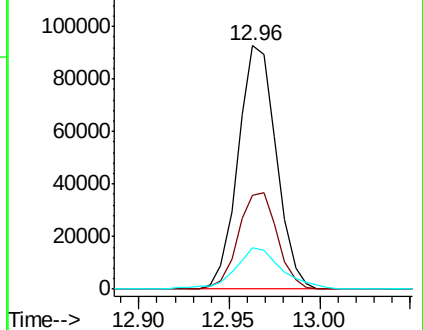
76 16.9 13.0 19.6

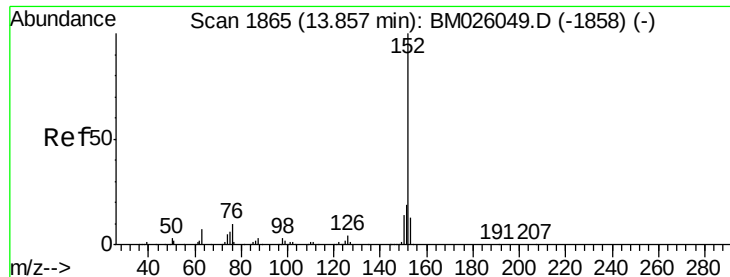


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#48

Acenaphthylene

Concen: 1.103 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

ClientSampleId :

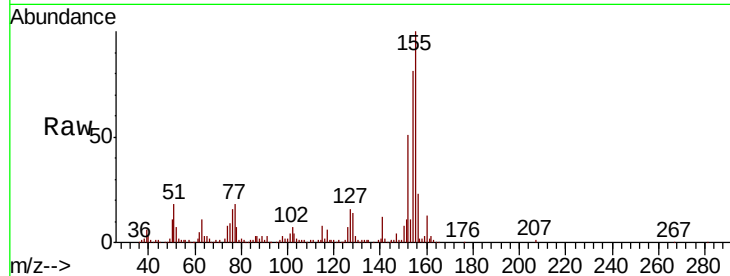
Tot Ion:152 Resp: 49671

Ion Ratio Lower Upper

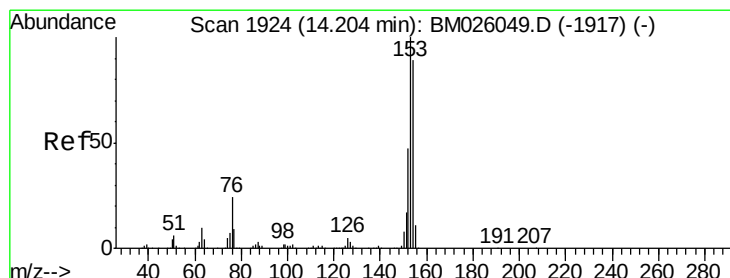
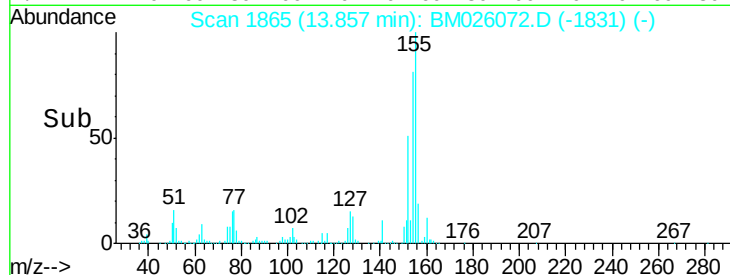
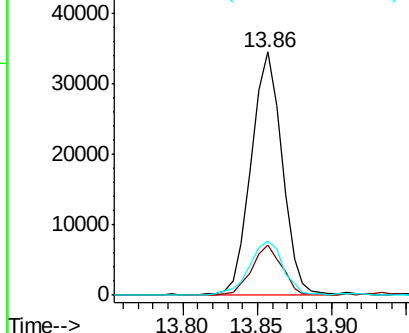
152 100

151 20.8 15.7 23.5

153 22.3 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 23.295 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

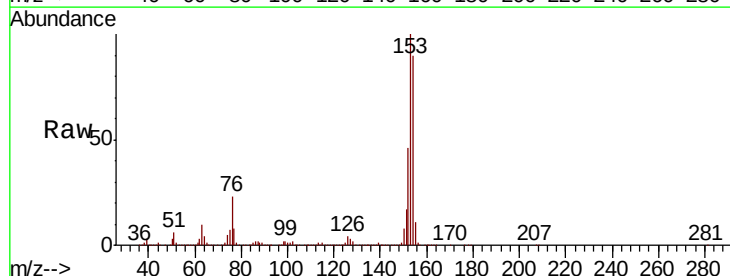
Tgt Ion:153 Resp: 740037

Ion Ratio Lower Upper

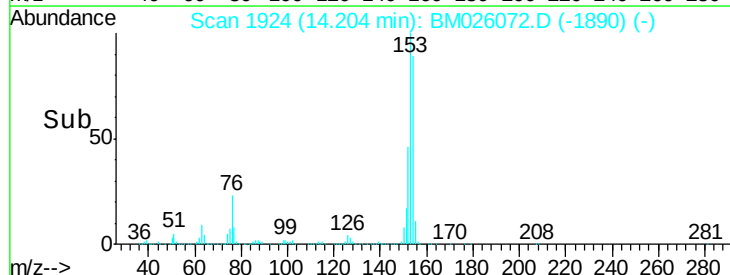
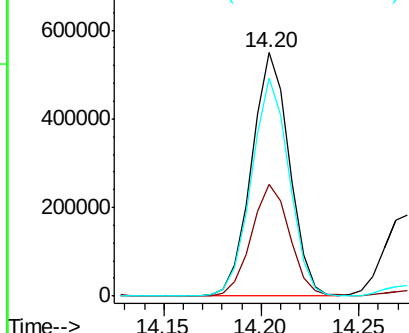
153 100

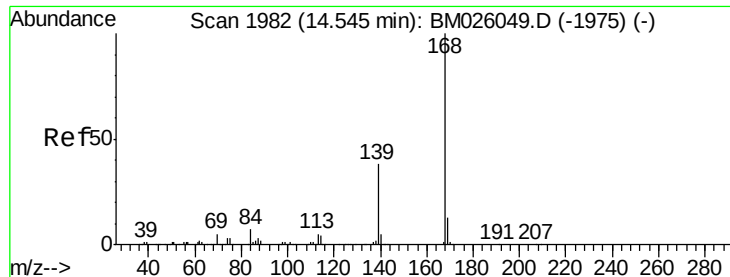
152 45.9 37.2 55.8

154 89.5 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





#54

Dibenzenofuran

Concen: 10.202 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

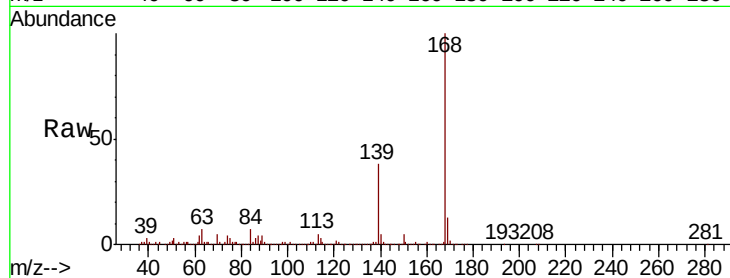
ClientSampleId :

Tot Ion:168 Resp: 455453

Ion Ratio Lower Upper

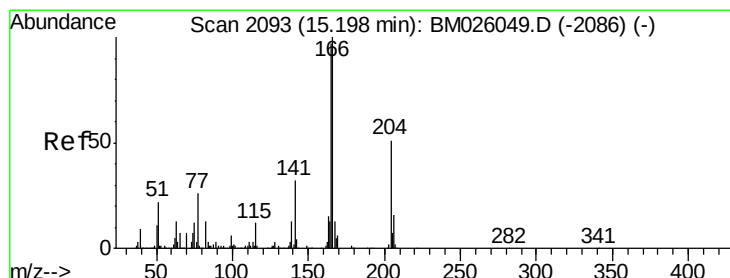
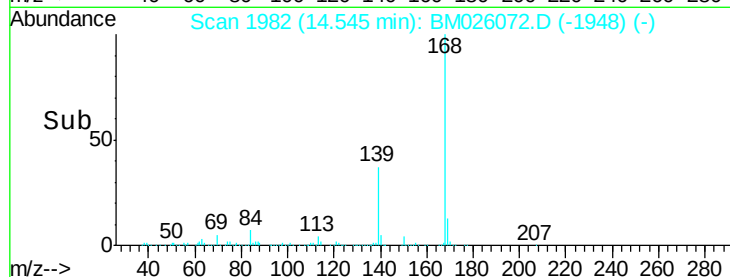
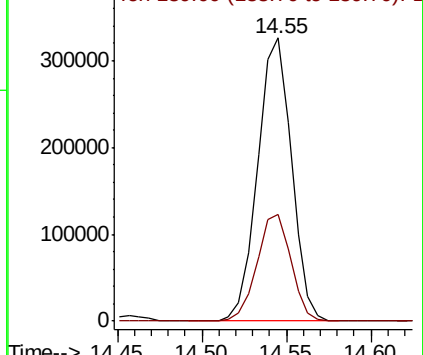
168 100

139 37.5 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: 10.313 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

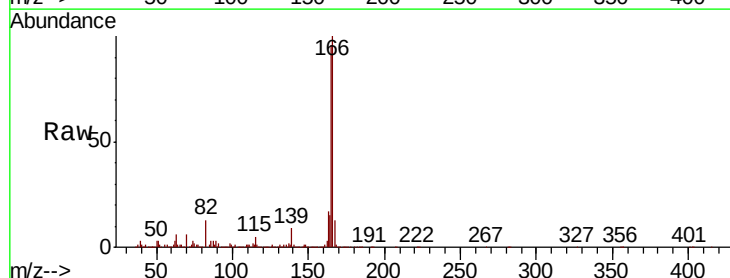
Tgt Ion:166 Resp: 372443

Ion Ratio Lower Upper

166 100

165 96.3 77.3 115.9

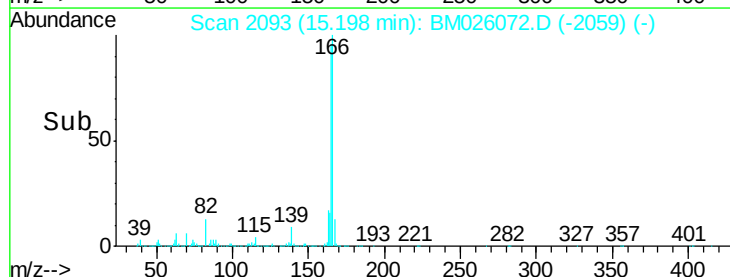
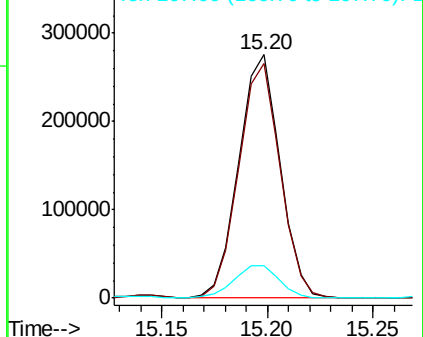
167 13.5 10.6 16.0

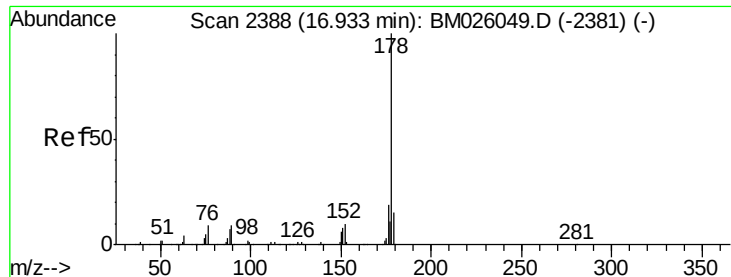


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 10.241 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

Instrument :

BNA_M

ClientSampleId :

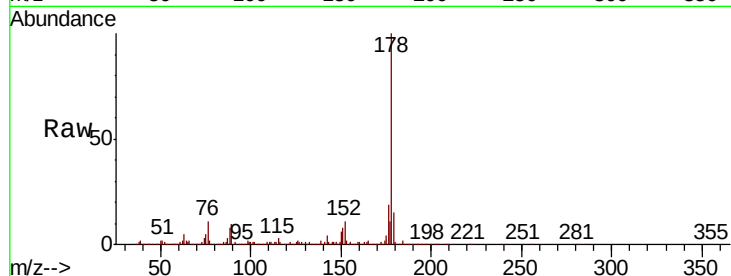
Tot Ion:178 Resp: 617612

Ion Ratio Lower Upper

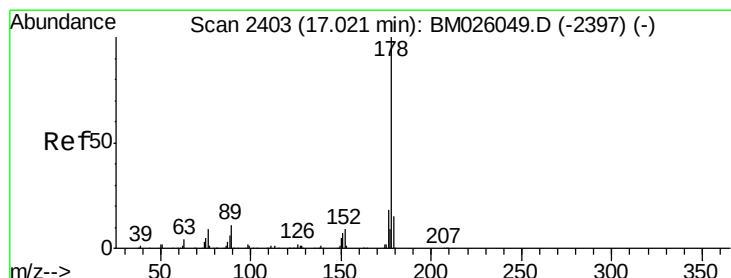
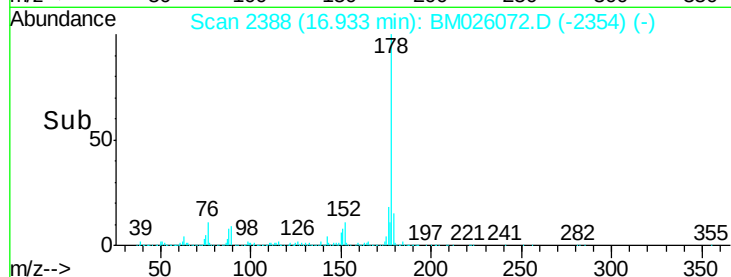
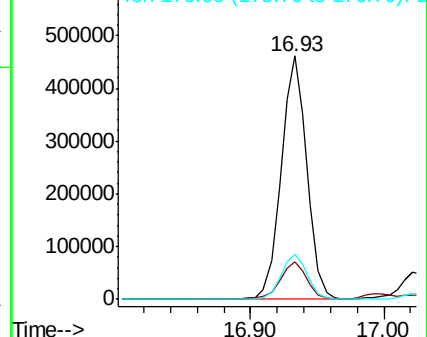
178 100

179 15.3 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: 1.241 ng/ul

RT: 17.02 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM026072.D

Acq: 22 May 2020 00:22

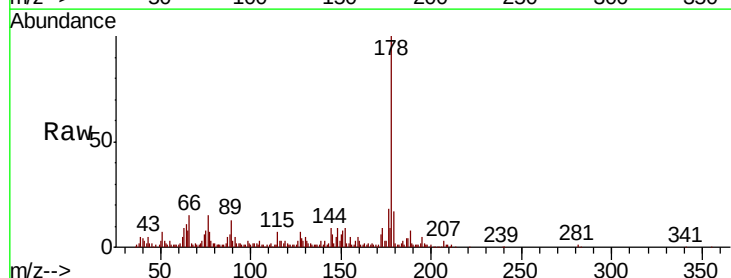
Tgt Ion:178 Resp: 75093

Ion Ratio Lower Upper

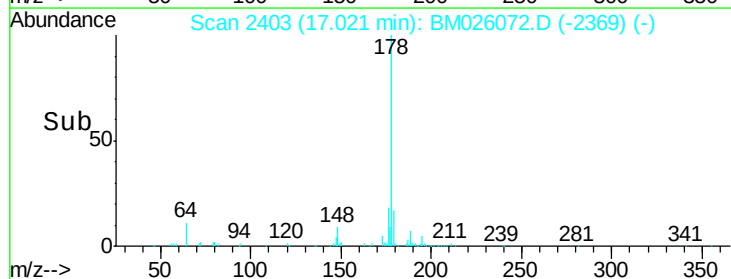
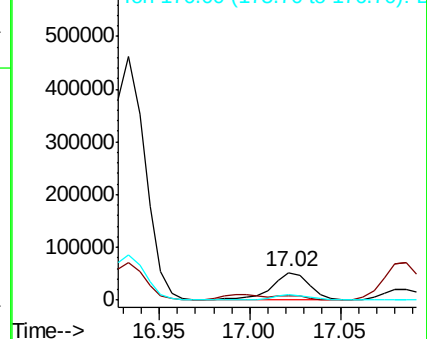
178 100

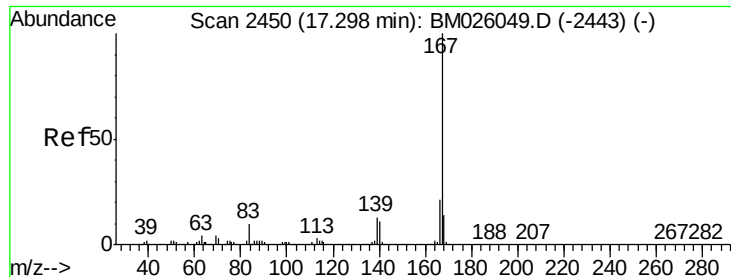
179 17.0 12.2 18.4

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



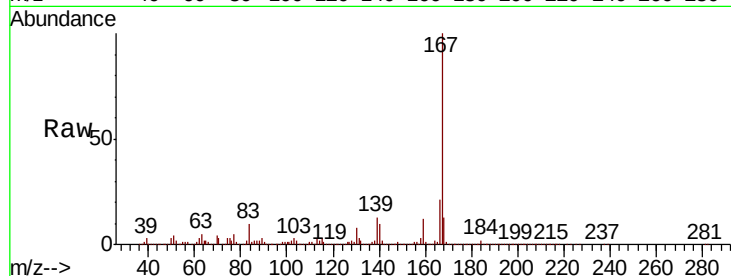


#75
 Carbazole
 Concen: 29.693 ng/ul
 RT: 17.30 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM026072.D
 Acq: 22 May 2020 00:22

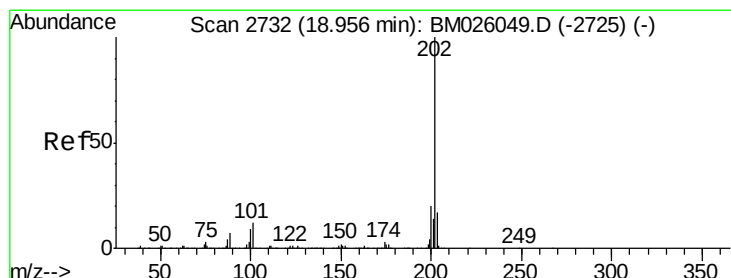
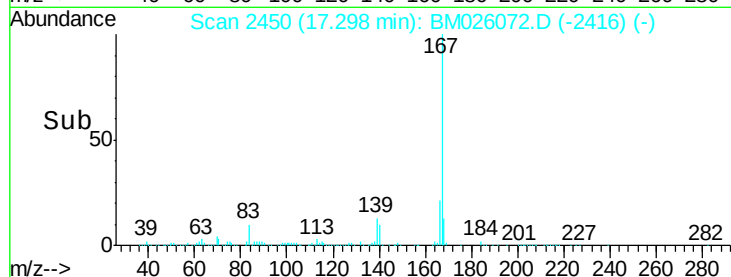
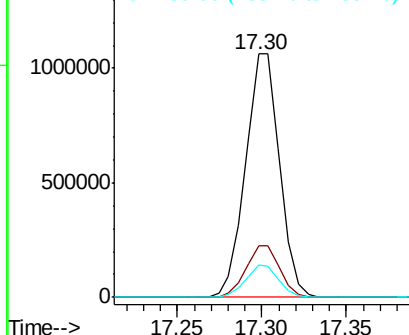
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1486256

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	25.0
139	13.2	10.8	16.2



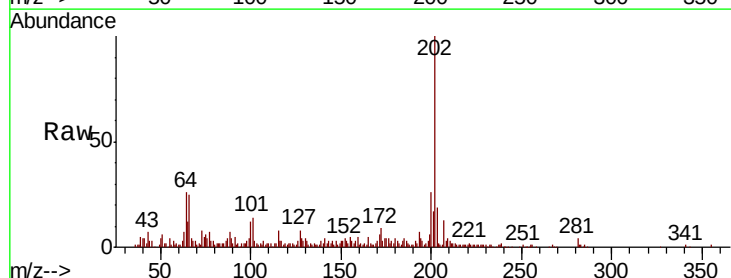
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



#77
 Fluoranthene
 Concen: 1.008 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM026072.D
 Acq: 22 May 2020 00:22

Tgt Ion:202 Resp: 63748

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.5	14.3
100	11.8	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

