

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
 Data File : BM026124.D
 Acq On : 26 May 2020 21:51
 Operator : MA/SJ
 Sample : L2737-12DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27DL

Quant Time: May 27 03:23:58 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	154553	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	631336	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	380256	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	817320	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	871830	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	904717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2543	0.50	ng/uL	0.00
5) Phenol-d5	6.69	99	12445	0.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	33697	3.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	29922	2.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	21889	2.07	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	19312	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	16558	3.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	34088	3.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	5259	0.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	114887	3.77	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	125101	3.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	3993	0.74	ng/ul	0.00
58) Fluorene-d10	15.13	176	104653	3.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	11243	2.36	ng/ul	0.00
71) Anthracene-d10	16.98	188	161013	4.00	ng/ul	0.00
79) Pyrene-d10	19.28	212	180945	4.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	181906	3.78	ng/ul	0.00

Target Compounds

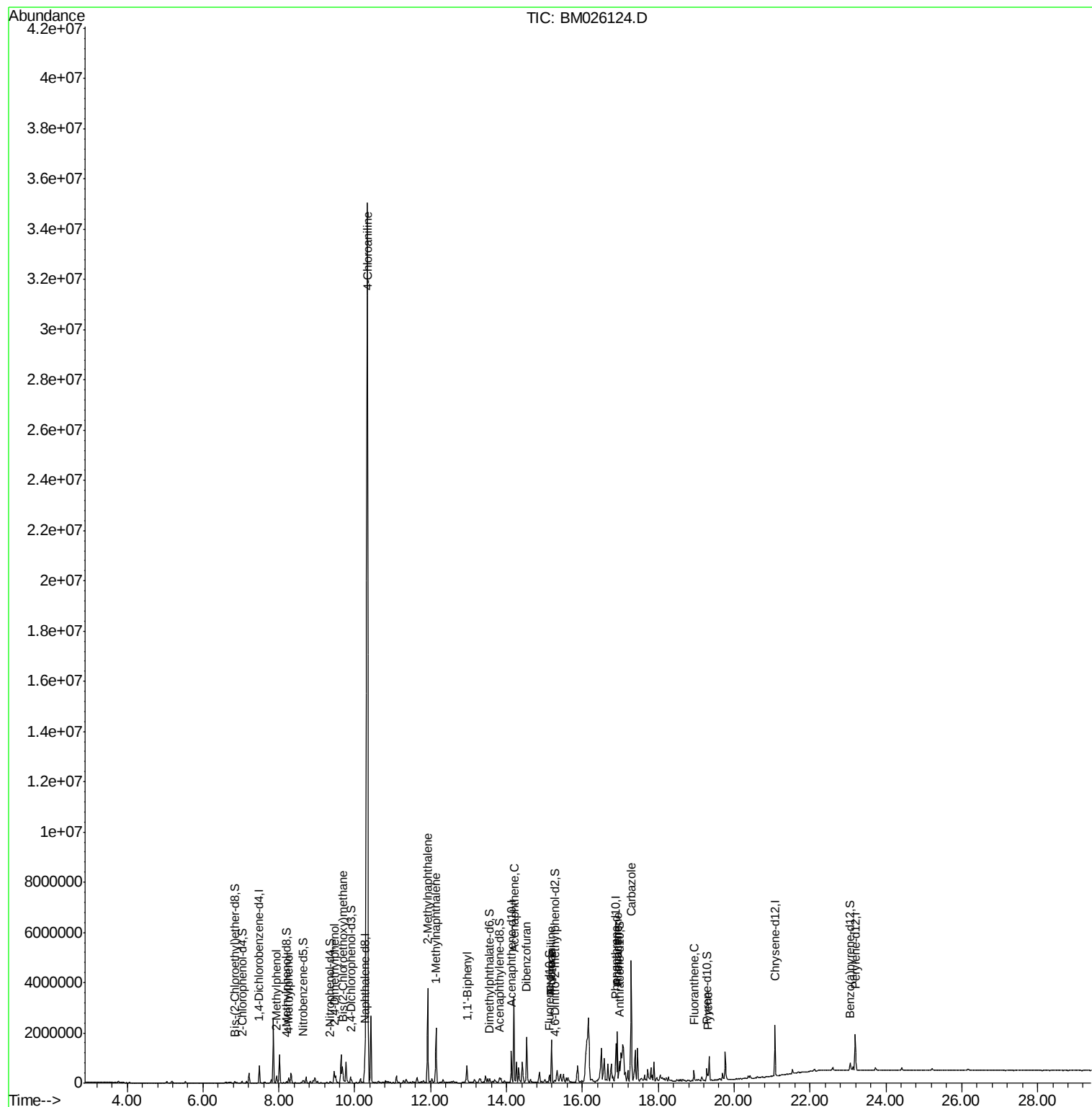
					Ovalue
11) 2-Methylphenol	7.94	108	86313	7.971	ng/ul 100
16) 4-Methylphenol	8.26	108	69495	5.901	ng/ul 85
24) 2,4-Dimethylphenol	9.46	107	168823	11.941	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.67	93	18080	1.090	ng/ul# 1
30) 4-Chloroaniline	10.34	127	6466329	597.038	ng/ul# 14
34) 2-Methylnaphthalene	11.92	142	1666178	64.174	ng/ul 98
35) 1-Methylnaphthalene	12.15	142	906000	37.612	ng/ul 99
41) 1,1'-Biophenyl	12.96	154	331080	9.812	ng/ul 97
50) Acenaphthene	14.20	153	1245240	44.518	ng/ul 98
54) Dibenzofuran	14.53	168	1029374	26.186	ng/ul 99
59) Fluorene	15.19	166	645670	20.305	ng/ul 100
61) 4-Nitroaniline	15.19	138	8175	1.252	ng/ul# 23
70) Phenanthrene	16.92	178	1055929	20.510	ng/ul 100
72) Anthracene	16.92	178	1055929	20.443	ng/ul 99
75) Carbazole	17.29	167	2319518	54.281	ng/ul 99
77) Fluoranthene	18.94	202	238241	4.412	ng/ul 99
80) Pyrene	19.31	202	153711	2.511	ng/ul 96

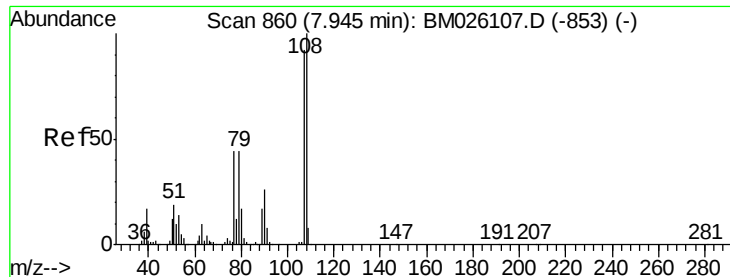
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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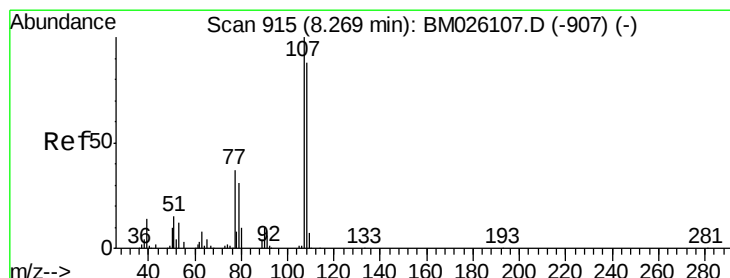
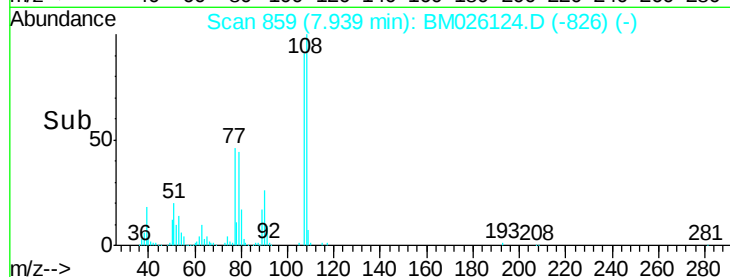
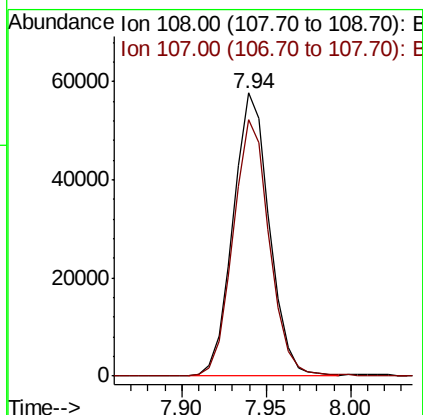
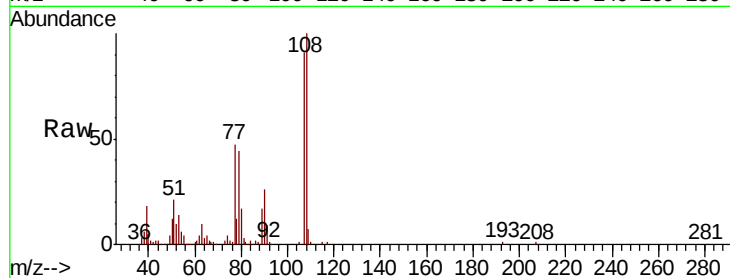




#11
2-Methylphenol
Concen: 7.971 ng/ul
RT: 7.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

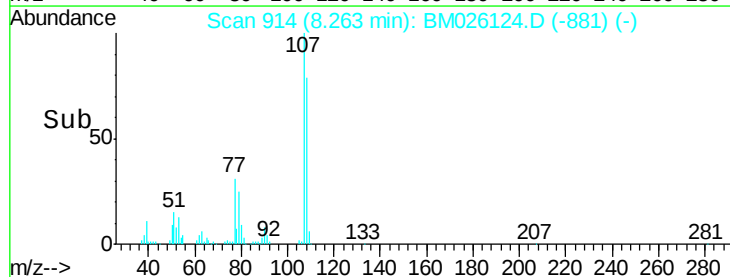
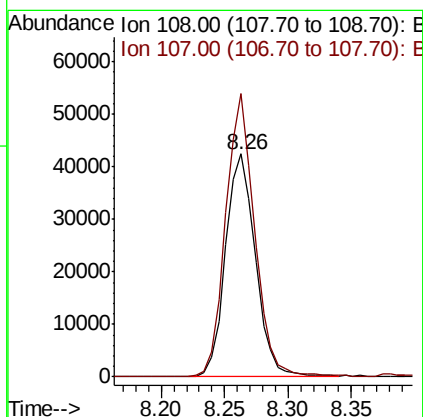
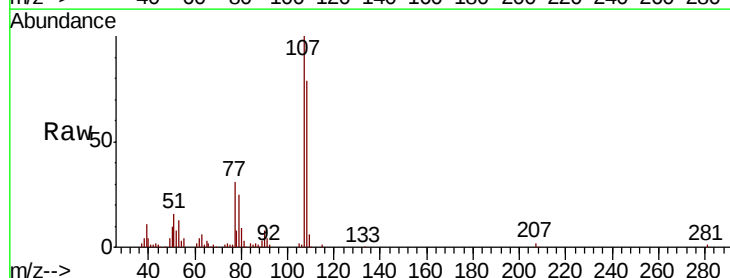
Instrument :
BNA_M
ClientSampleId :
F9B27DL

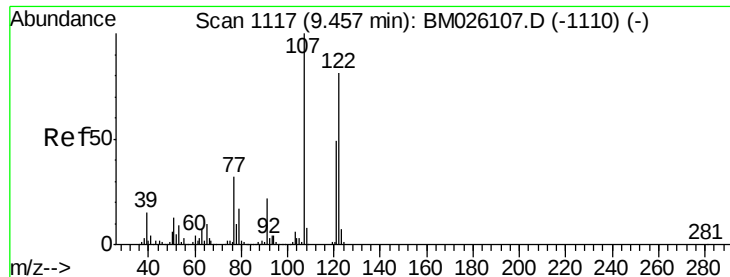
Tot Ion:108 Resp: 86313
Ion Ratio Lower Upper
108 100
107 90.5 72.3 108.5



#16
4-Methylphenol
Concen: 5.901 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026124.D
Acq: 26 May 2020 21:51

Tgt Ion:108 Resp: 69495
Ion Ratio Lower Upper
108 100
107 127.1 88.6 132.8

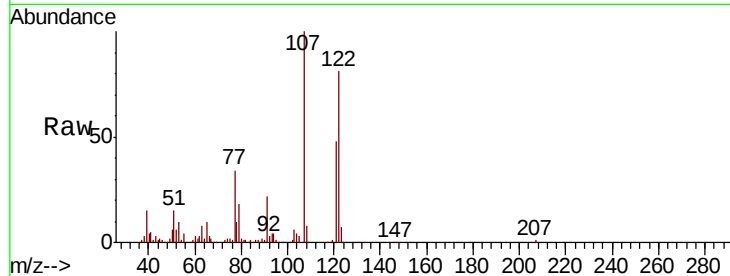




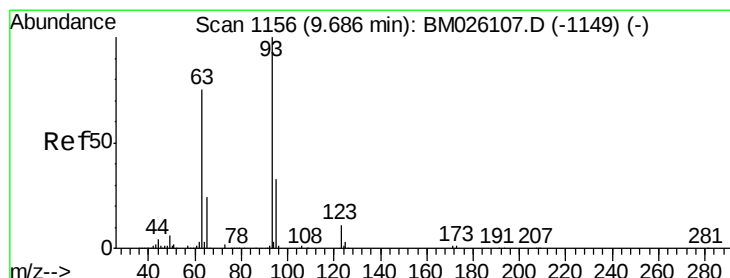
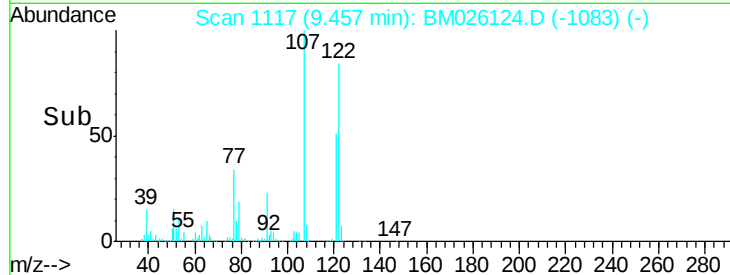
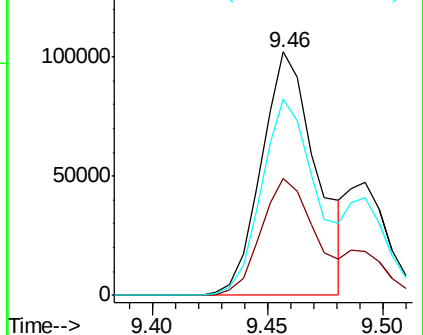
#24
 2,4-Dimethylphenol
 Concen: 11.941 ng/ul
 RT: 9.46 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Instrument :
 BNA_M
 ClientSampleId :
 F9B27DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	47.9	37.5	56.3
122	80.7	63.8	95.6

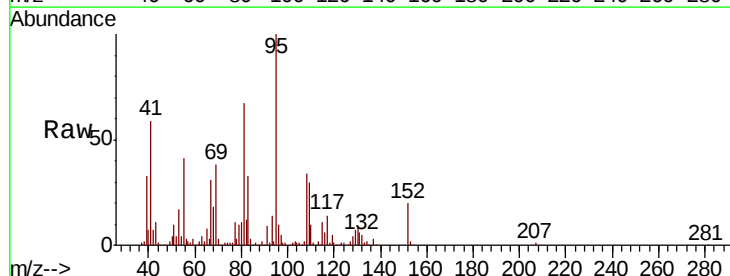


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

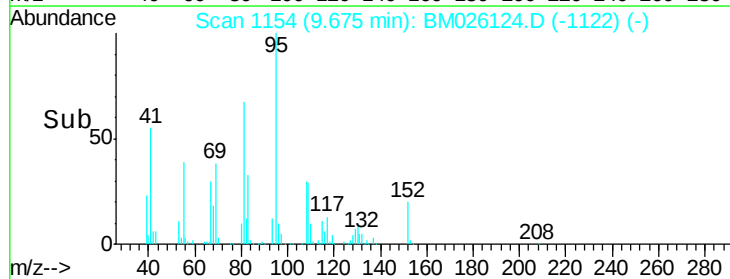
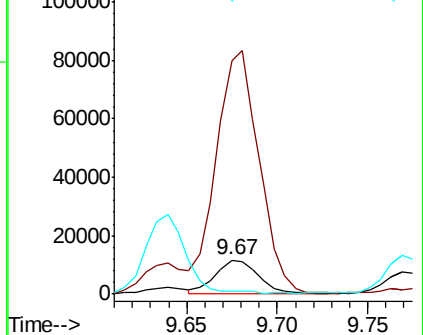


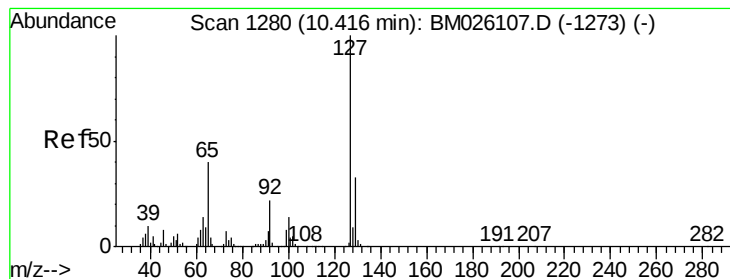
#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.090 ng/ul
 RT: 9.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BM026124.D
 Acq: 26 May 2020 21:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	690.5	25.5	38.3#
123	9.4	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#30

4-Chloroaniline

Concen: 597.038 ng/ul

RT: 10.34 min Scan# 1267

Delta R.T. -0.08 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

ClientSampleId :

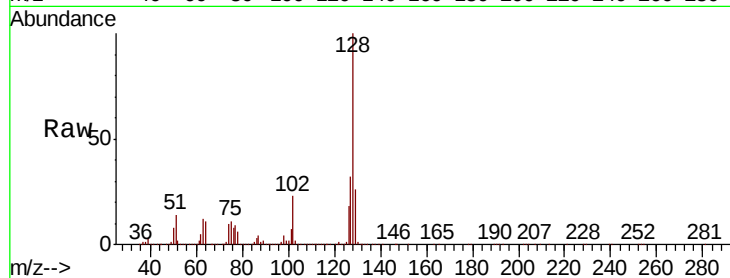
F9B27DL

Tot Ion:127 Resp: 6466329

Ion Ratio Lower Upper

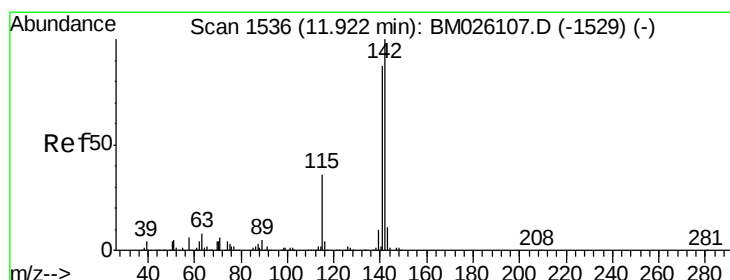
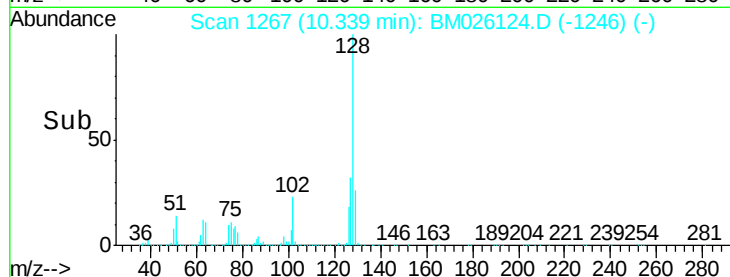
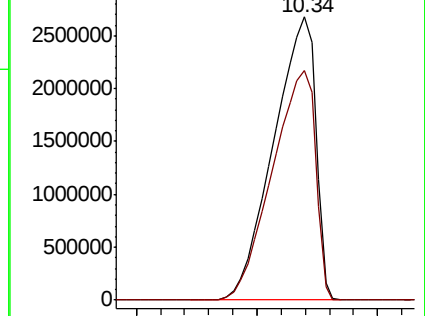
127 100

129 81.1 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: 64.174 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM026124.D

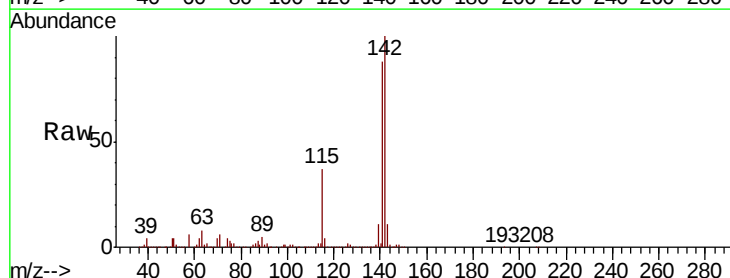
Acq: 26 May 2020 21:51

Tgt Ion:142 Resp: 1666178

Ion Ratio Lower Upper

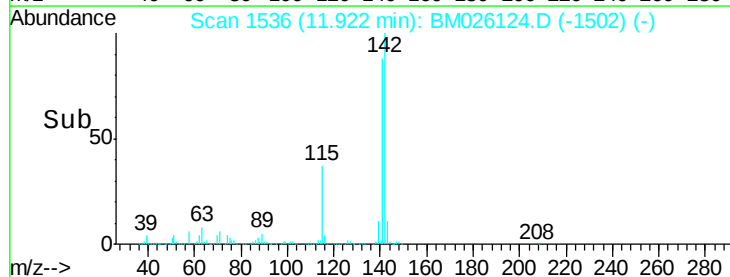
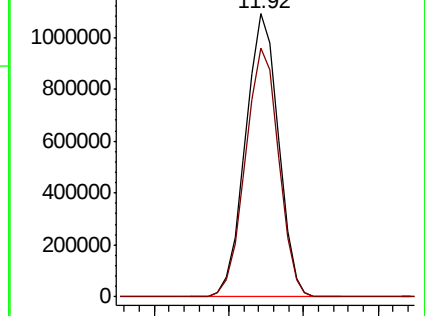
142 100

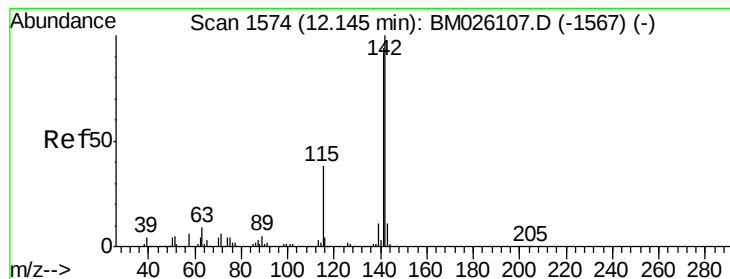
141 88.0 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 37.612 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

ClientSampleId :

F9B27DL

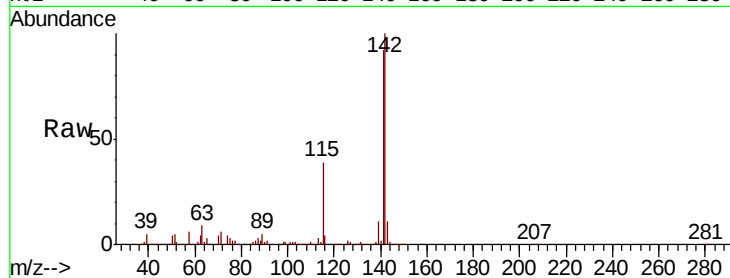
Tot Ion:142 Resp: 906000

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.4

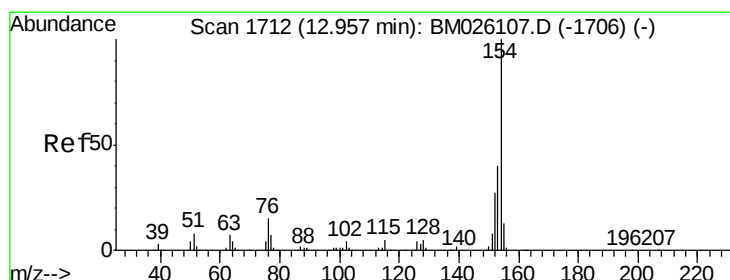
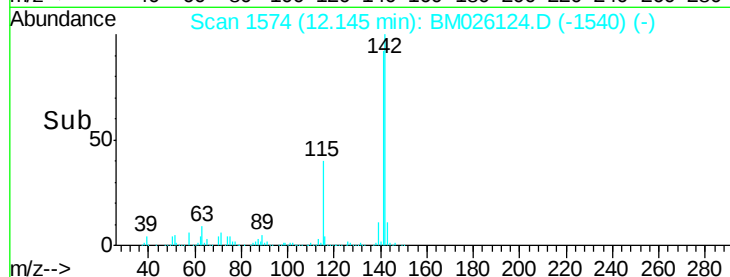
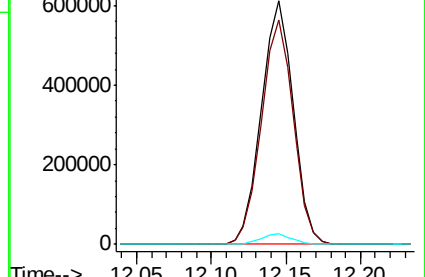
116 4.3 3.3 4.9



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: 9.812 ng/ul

RT: 12.96 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

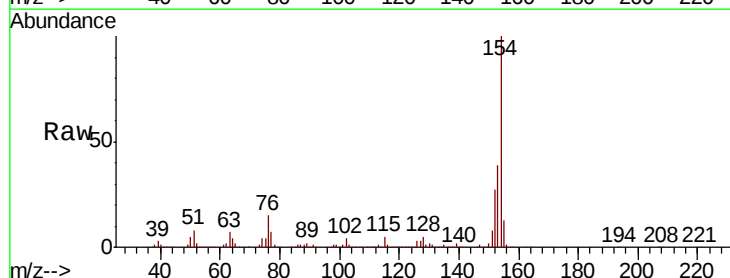
Tgt Ion:154 Resp: 331080

Ion Ratio Lower Upper

154 100

153 38.8 32.3 48.5

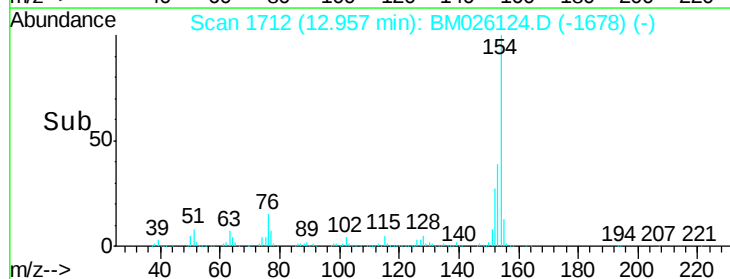
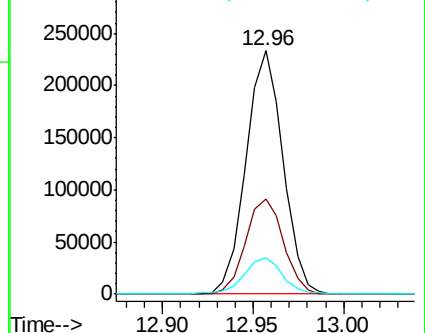
76 15.0 13.0 19.6

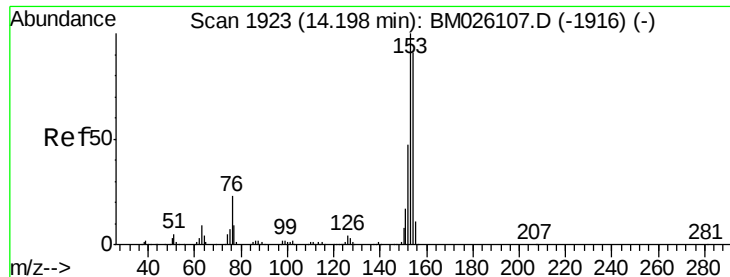


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 44.518 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM026124.D

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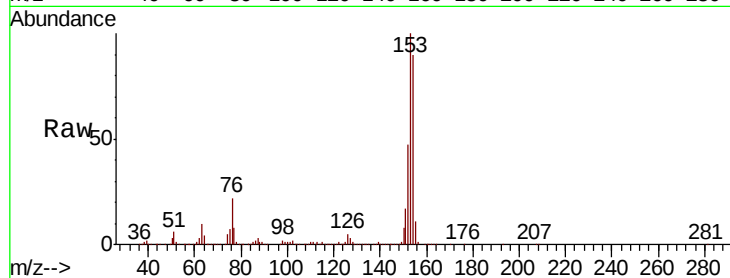
Tot Ion:153 Resp: 1245240

Ion Ratio Lower Upper

153 100

152 47.0 37.2 55.8

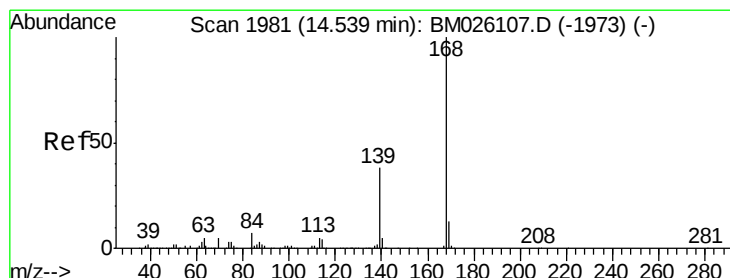
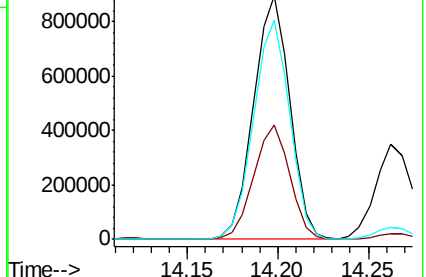
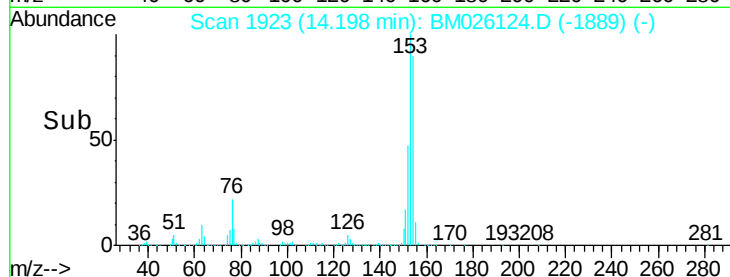
154 90.1 69.8 104.8



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



#54

Dibenzofuran

Concen: 26.186 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026124.D

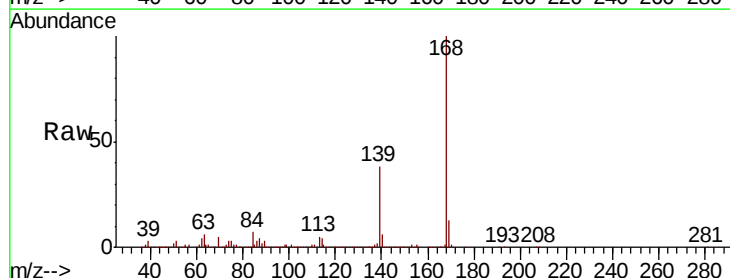
Acq: 26 May 2020 21:51

Tgt Ion:168 Resp: 1029374

Ion Ratio Lower Upper

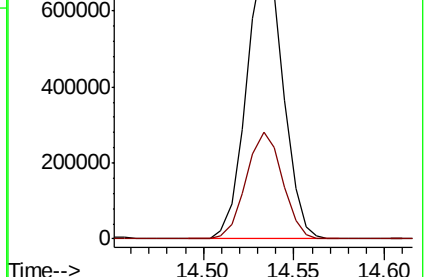
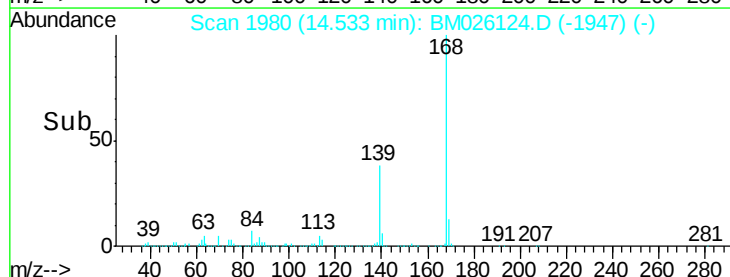
168 100

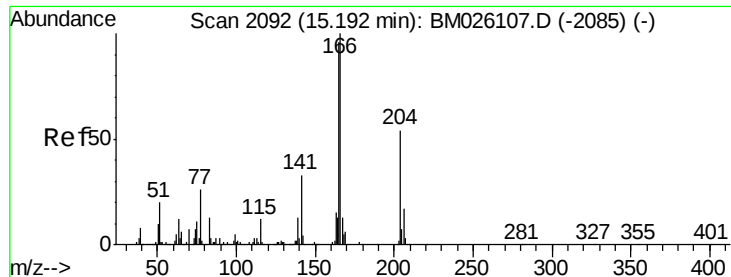
139 37.8 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 20.305 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

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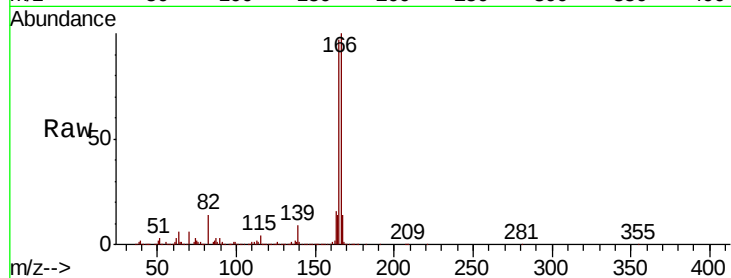
Tot Ion:166 Resp: 645670

Ion Ratio Lower Upper

166 100

165 96.7 77.3 115.9

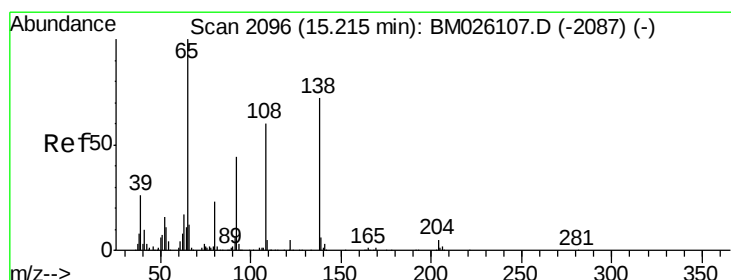
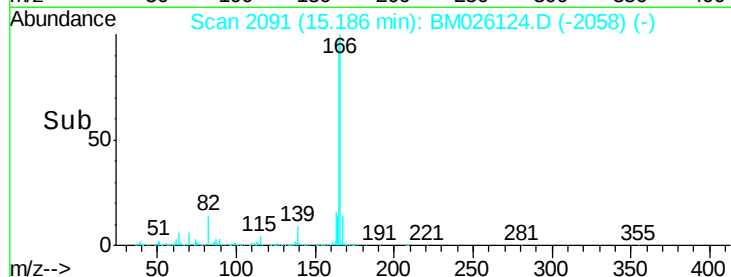
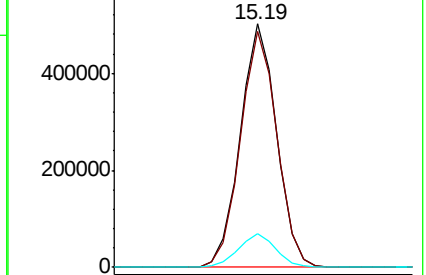
167 13.9 10.6 16.0



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



#61

4-Nitroaniline

Concen: 1.252 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.03 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

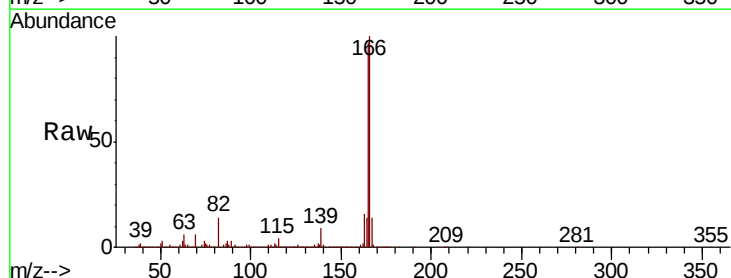
Tgt Ion:138 Resp: 8175

Ion Ratio Lower Upper

138 100

92 6.5 49.4 74.2#

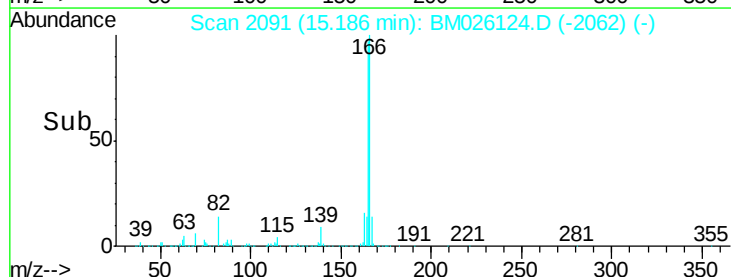
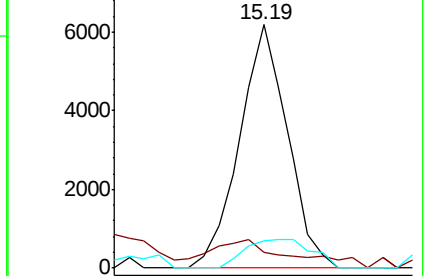
108 11.2 68.3 102.5#

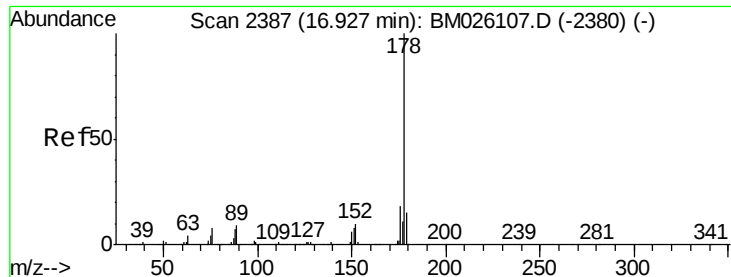


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#70

Phenanthrene

Concen: 20.510 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

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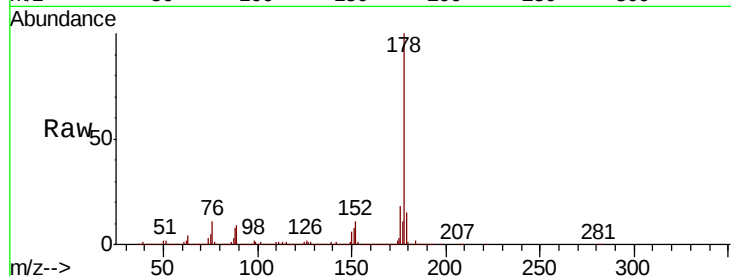
Tot Ion:178 Resp: 1055929

Ion Ratio Lower Upper

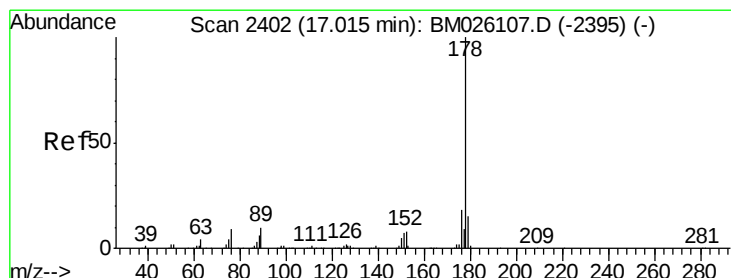
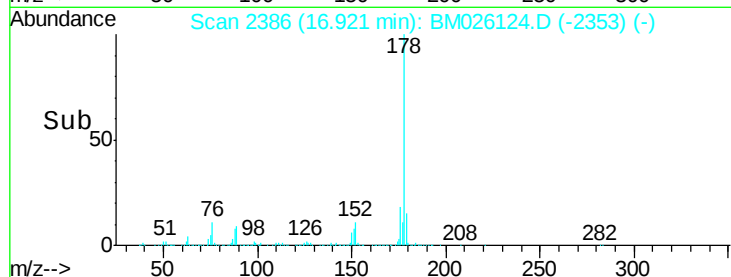
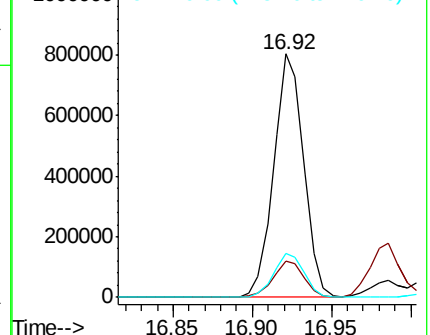
178 100

179 14.9 11.9 17.9

176 18.2 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



#72

Anthracene

Concen: 20.443 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.09 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

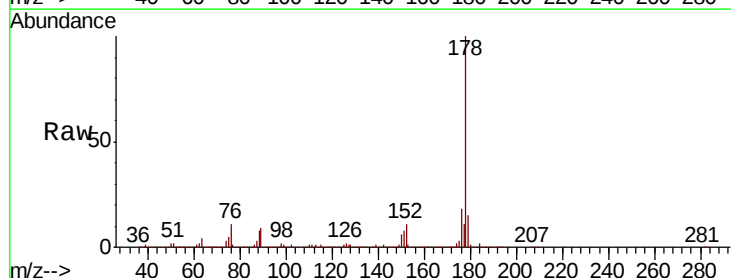
Tgt Ion:178 Resp: 1055929

Ion Ratio Lower Upper

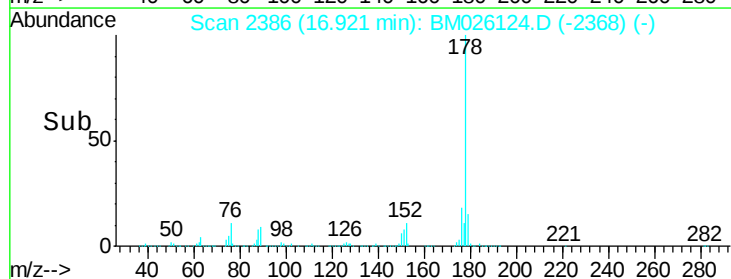
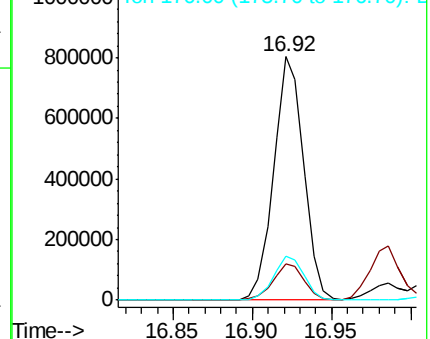
178 100

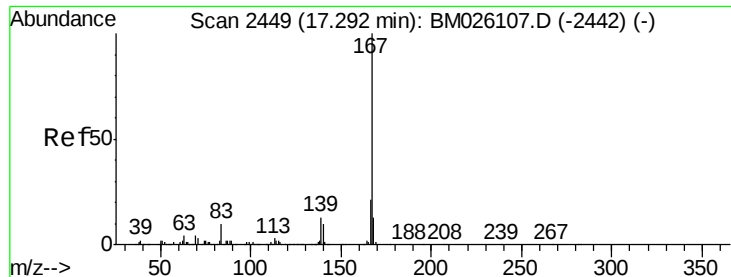
179 14.9 12.2 18.4

176 18.2 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: 54.281 ng/ul

RT: 17.29 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

ClientSampleId :

F9B27DL

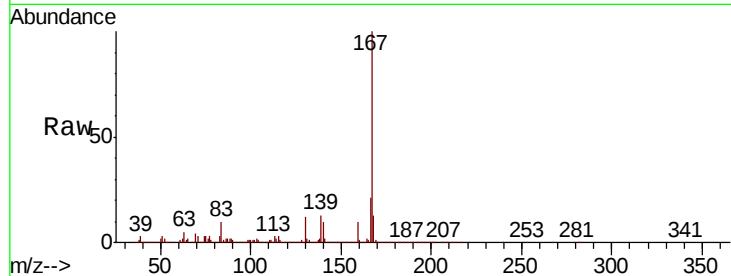
Tot Ion:167 Resp: 2319518

Ion Ratio Lower Upper

167 100

166 21.0 16.6 25.0

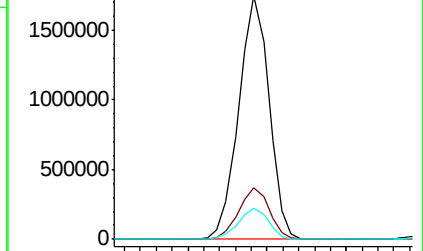
139 12.9 10.8 16.2



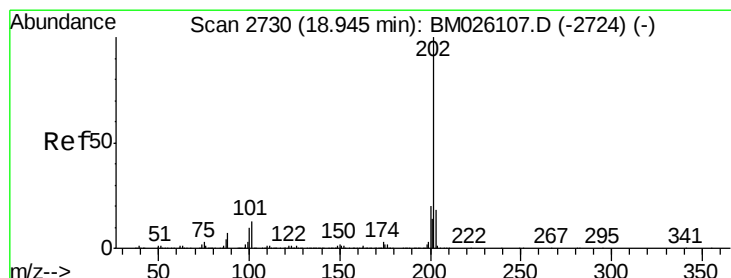
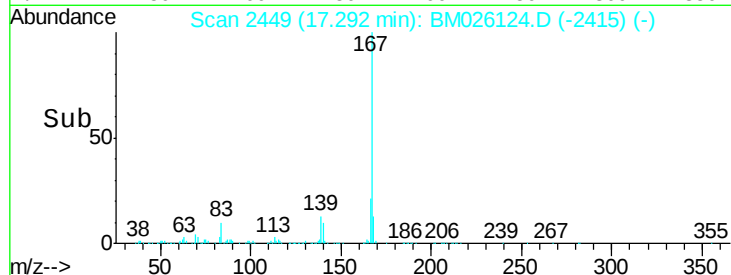
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 4.412 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

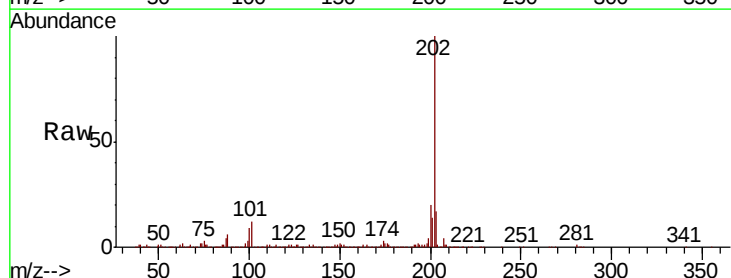
Tgt Ion:202 Resp: 238241

Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

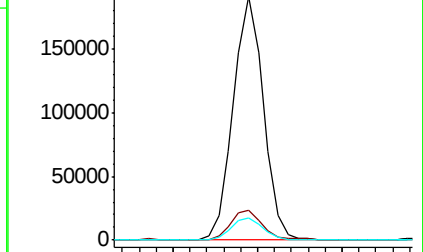
100 9.1 7.6 11.4



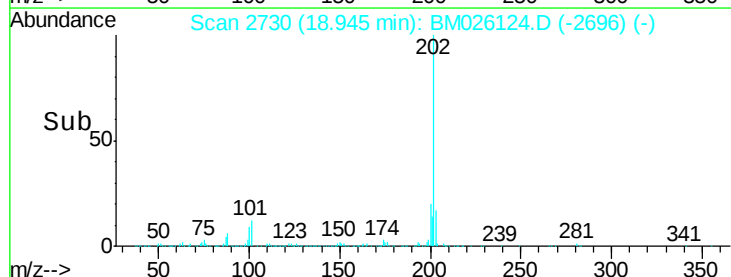
Abundance Ion 202.00 (201.70 to 202.70): E

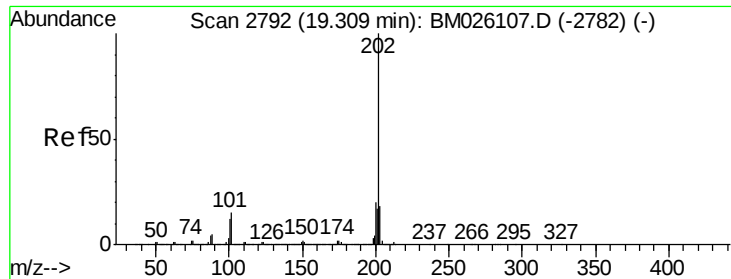
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Pvrene

Concen: 2.511 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM026124.D

Acq: 26 May 2020 21:51

Instrument :

BNA_M

ClientSampleId :

F9B27DL

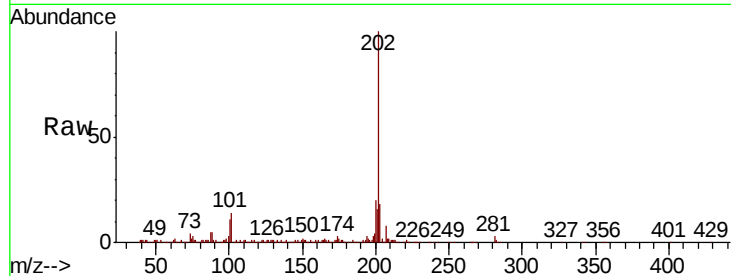
Tot Ion:202 Resp: 153711

Ion Ratio Lower Upper

202 100

101 13.8 12.2 18.4

100 11.0 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

