

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080720\
 Data File : BM027020.D
 Acq On : 07 Aug 2020 12:05
 Operator : JU/CG
 Sample : L3531-01DL2 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L06DL2

Quant Time: Aug 07 12:44:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 03:56:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	89189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	335664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	236917	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	519970	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	514217	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	472243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.82	99	3746	0.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	13446	2.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	10336	1.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	7138	1.32	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	6858	2.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	6086	2.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	13618	2.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	1948	0.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	66132	3.50	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	71423	3.17	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.27	176	58383	3.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	37852	13.33	ng/ul	0.01
71) Anthracene-d10	17.12	188	92861	3.62	ng/ul	0.00
79) Pyrene-d10	19.42	212	101854	3.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	88084	3.34	ng/ul	0.00

Target Compounds

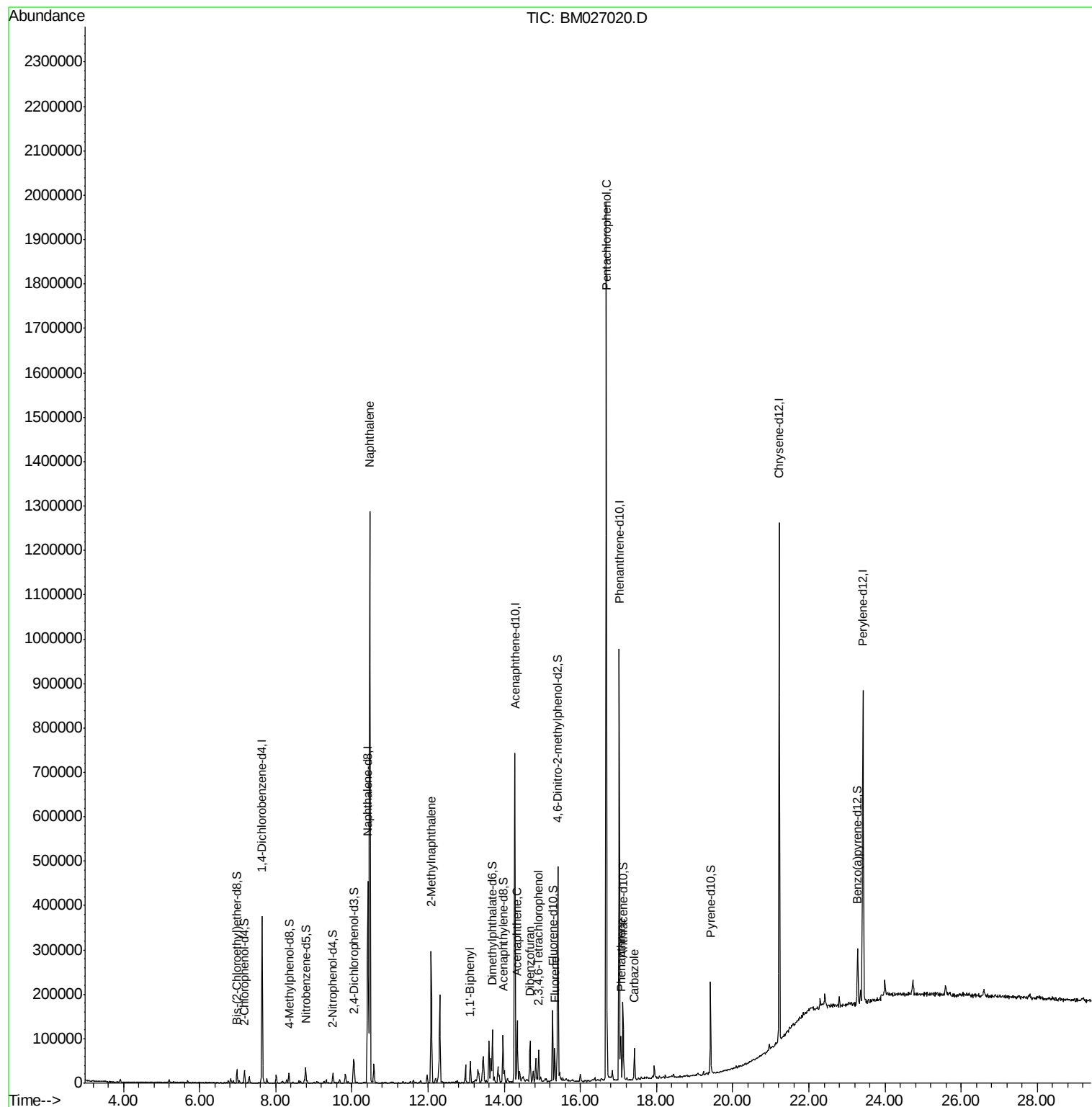
					Ovalue	
28) Naphthalene	10.47	128	933433	50.031	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	125018	9.137	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	22269	1.150	ng/ul	99
50) Acenaphthene	14.34	153	50962	3.142	ng/ul	93
54) Dibenzofuran	14.67	168	43671	1.881	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	10429	2.110	ng/ul	97
59) Fluorene	15.33	166	29509	1.519	ng/ul	99
69) Pentachlorophenol	16.68	266	311746	73.755	ng/ul	99
70) Phenanthrene	17.06	178	51617	1.656	ng/ul	99
75) Carbazole	17.42	167	40877	1.527	ng/ul	98

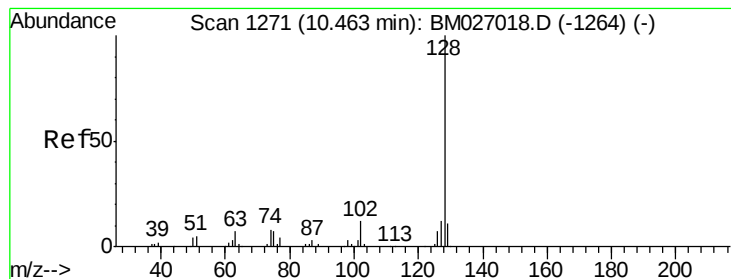
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 50.031 ng/ul

RT: 10.47 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

Instrument :

BNA_M

ClientSampleId :

F4L06DL2

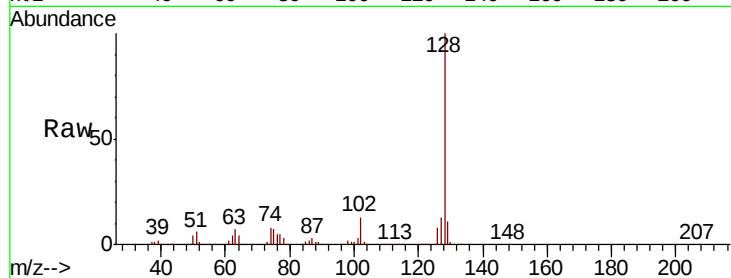
Tot Ion:128 Resp: 933433

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

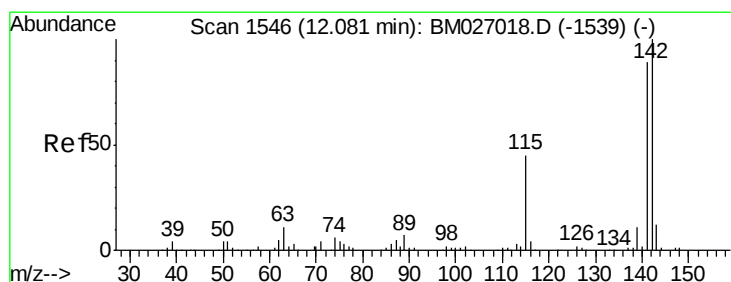
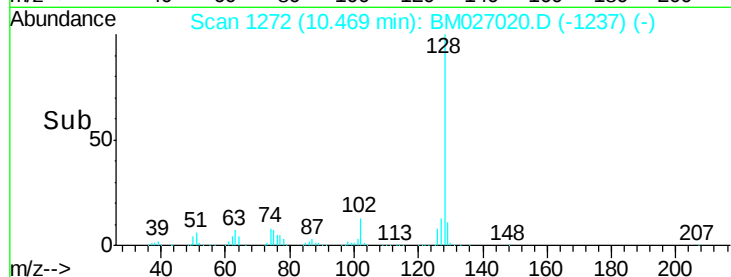
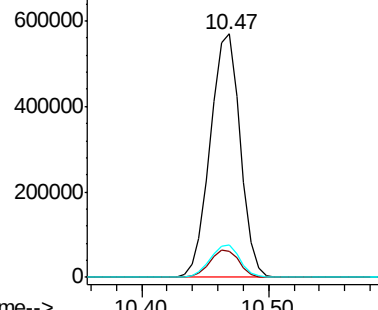
127 13.1 10.5 15.7



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



#34

2-Methylnaphthalene

Concen: 9.137 ng/ul

RT: 12.08 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BM027020.D

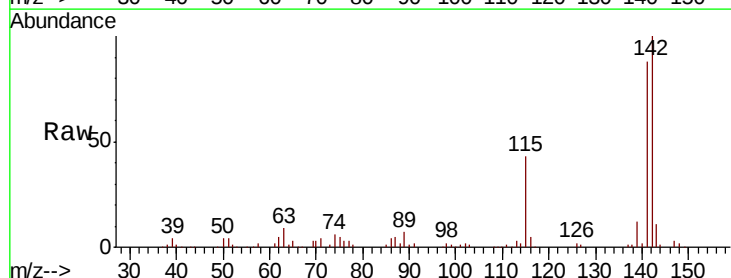
Acq: 07 Aug 2020 12:05

Tgt Ion:142 Resp: 125018

Ion Ratio Lower Upper

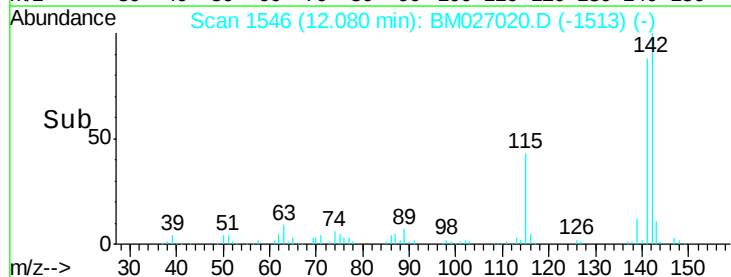
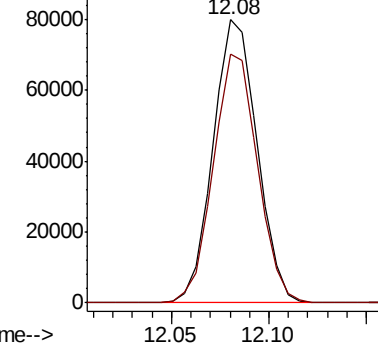
142 100

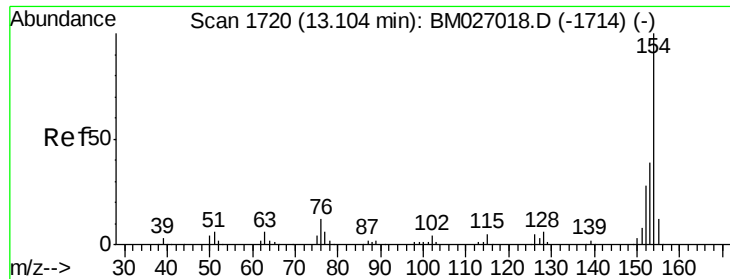
141 87.7 72.4 108.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

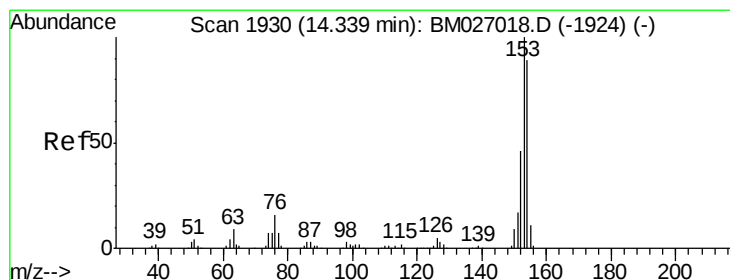
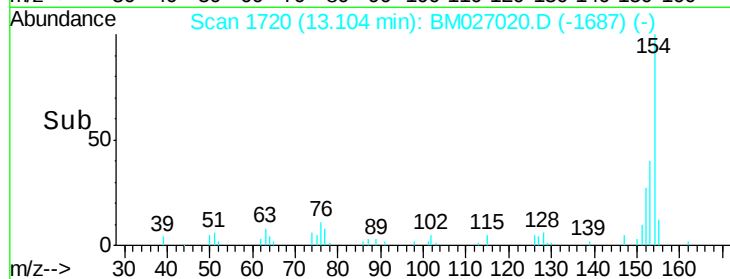
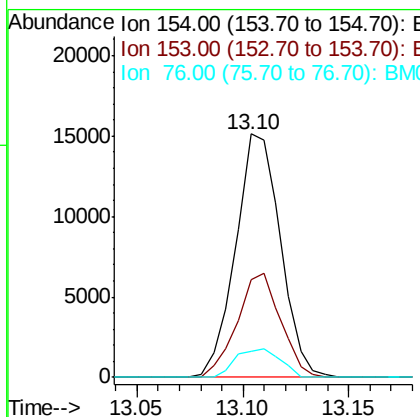
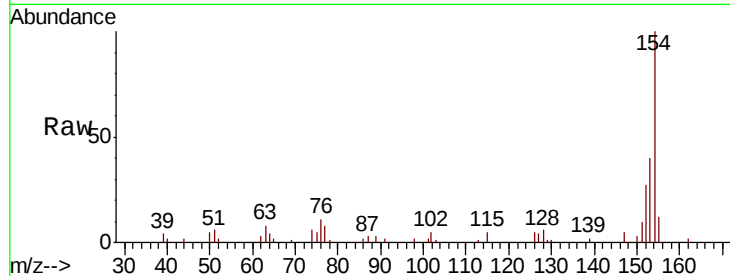




#41
 1,1'-Biphenyl
 Concen: 1.150 ng/ul
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM027020.D
 Acq: 07 Aug 2020 12:05

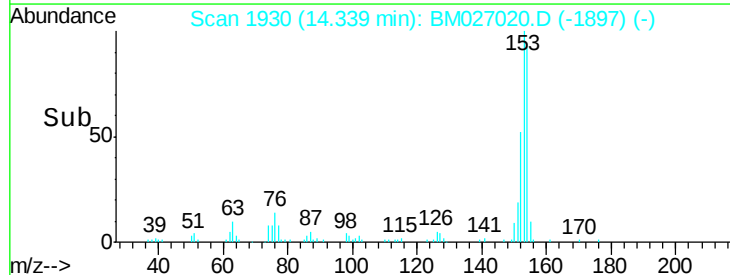
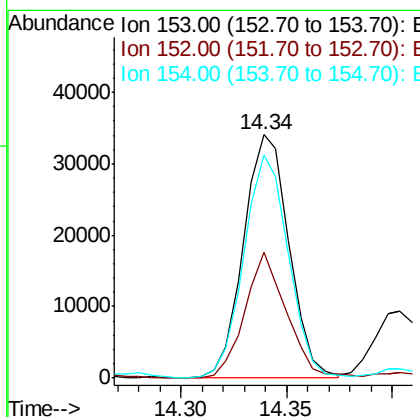
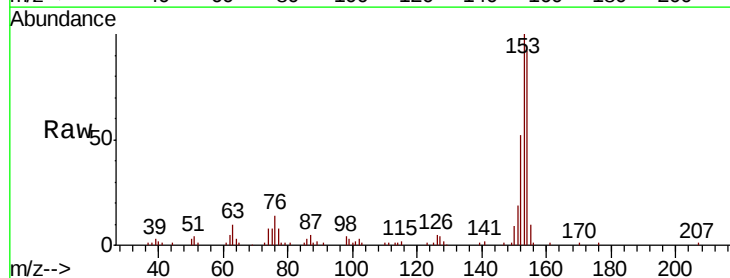
Instrument :
 BNA_M
 ClientSampleId :
 F4L06DL2

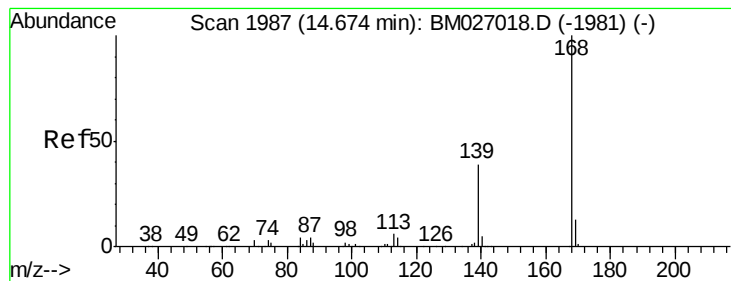
Tot Ion:154	Resp:	22269
Ion	Ratio	Lower Upper
154	100	
153	39.9	31.6 47.4
76	10.9	9.3 13.9



#50
 Acenaphthene
 Concen: 3.142 ng/ul
 RT: 14.34 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM027020.D
 Acq: 07 Aug 2020 12:05

Tgt Ion:153	Resp:	50962
Ion	Ratio	Lower Upper
153	100	
152	51.6	35.9 53.9
154	91.8	69.4 104.0





#54

Dibenzofuran

Concen: 1.881 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

Instrument :

BNA_M

ClientSampleId :

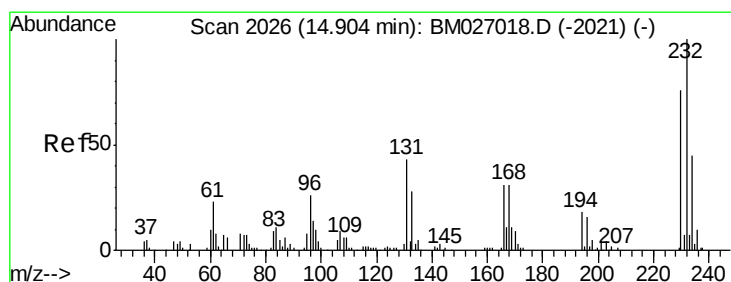
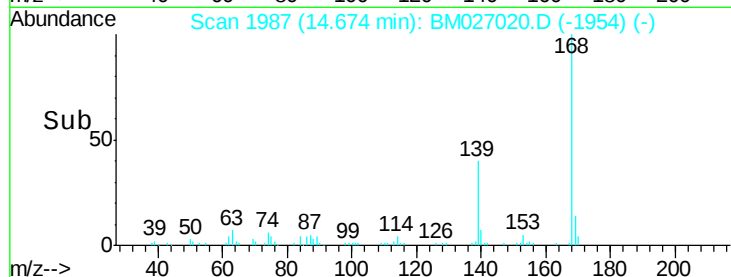
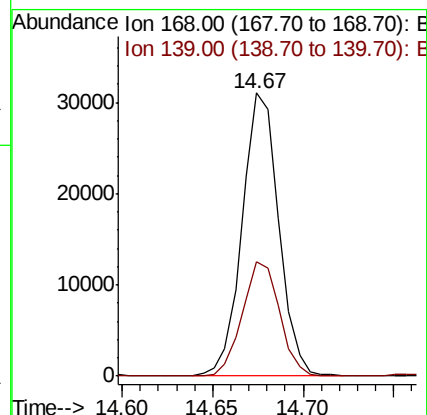
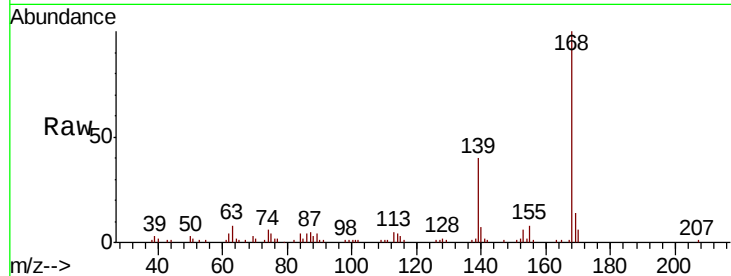
F4L06DL2

Tot Ion:168 Resp: 43671

Ion Ratio Lower Upper

168 100

139 40.4 29.9 44.9



#56

2,3,4,6-Tetrachlorophenol

Concen: 2.110 ng/ul

RT: 14.90 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

Tgt Ion:232 Resp: 10429

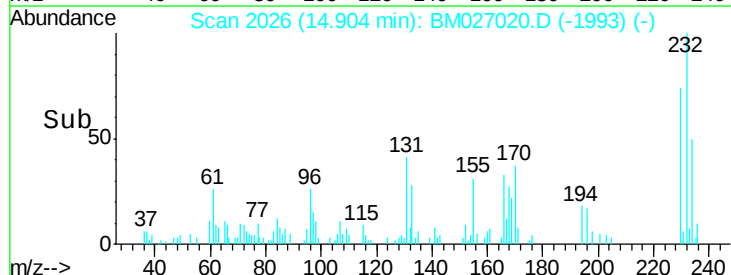
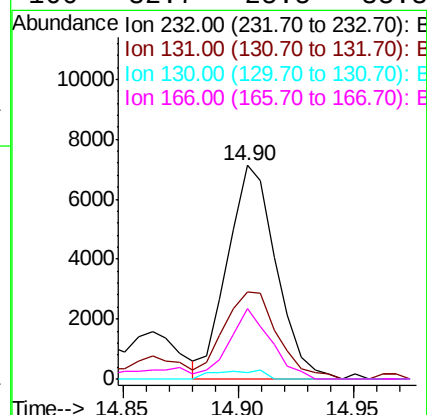
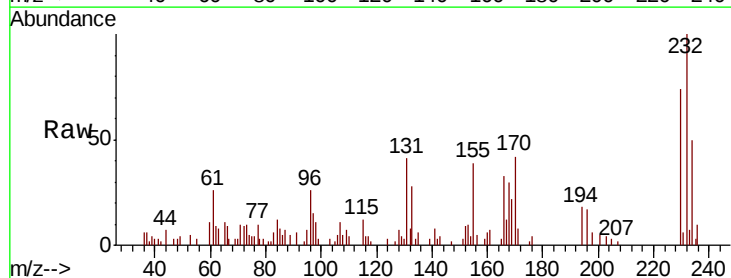
Ion Ratio Lower Upper

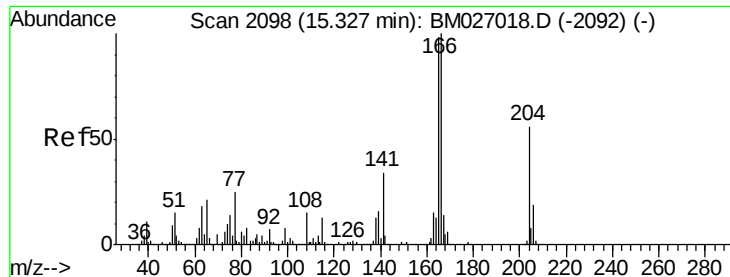
232 100

131 41.0 34.6 52.0

130 3.1 2.2 3.4

166 32.7 25.5 38.3





#59

Fluorene

Concen: 1.519 ng/ul

RT: 15.33 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

Instrument :

BNA_M

ClientSampleId :

F4L06DL2

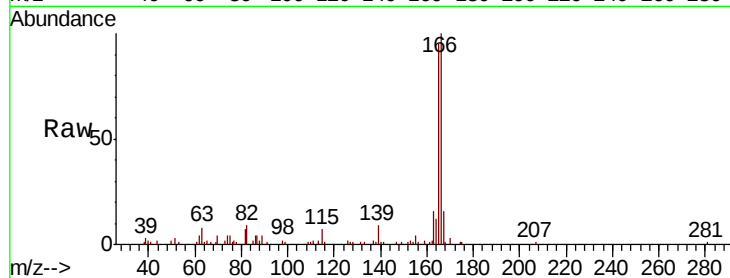
Tot Ion:166 Resp: 29509

Ion Ratio Lower Upper

166 100

165 95.5 76.9 115.3

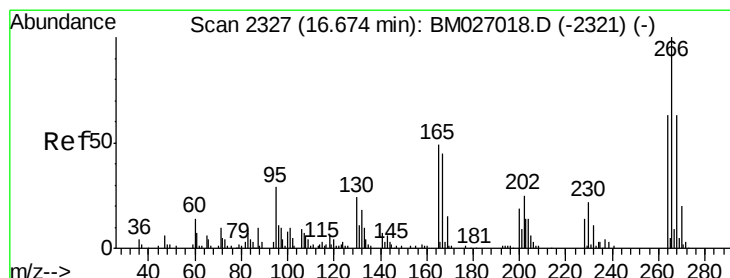
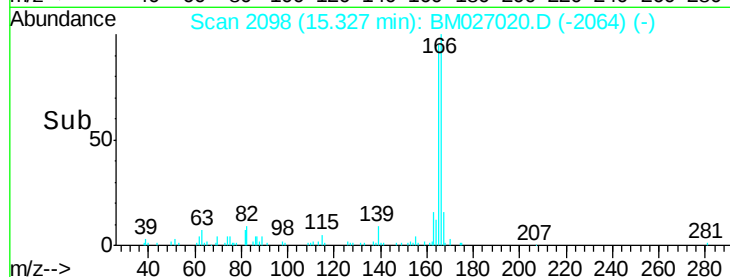
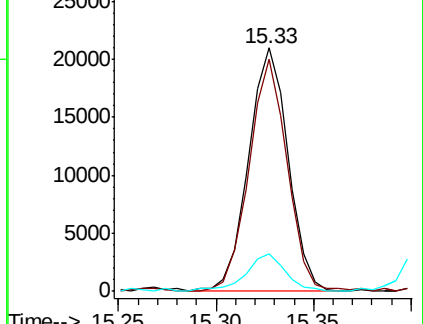
167 15.6 10.5 15.7



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



#69

Pentachlorophenol

Concen: 73.755 ng/ul

RT: 16.68 min Scan# 2328

Delta R.T. 0.00 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

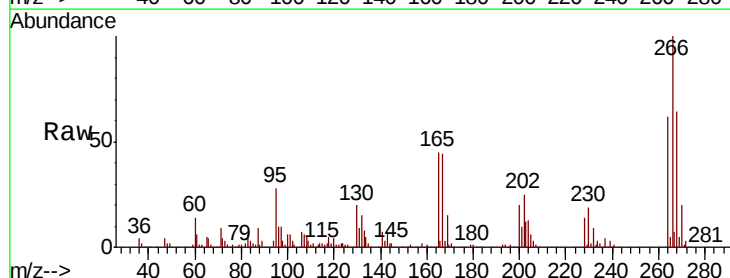
Tgt Ion:266 Resp: 311746

Ion Ratio Lower Upper

266 100

264 62.0 48.1 72.1

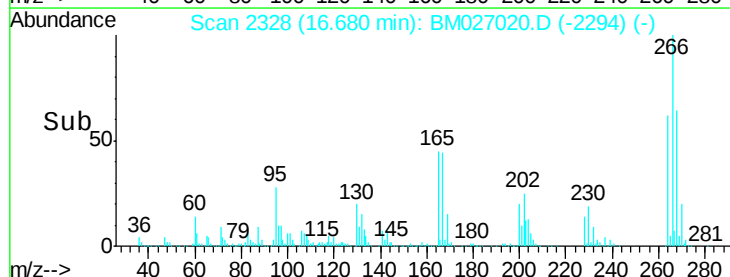
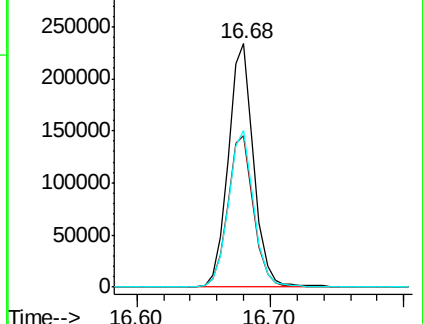
268 64.1 51.0 76.6

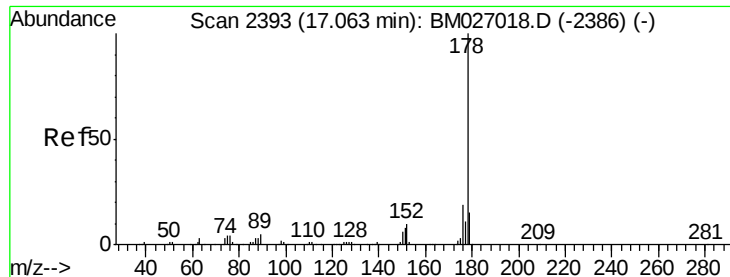


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.656 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM027020.D

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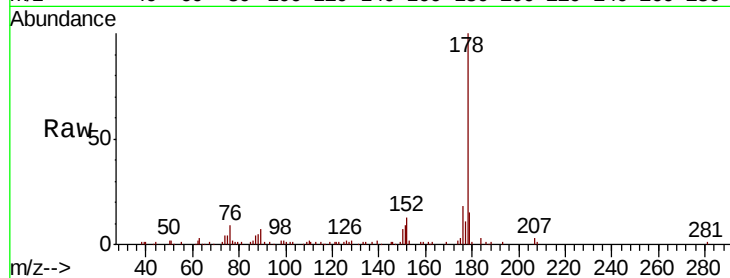
Tot Ion:178 Resp: 51617

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

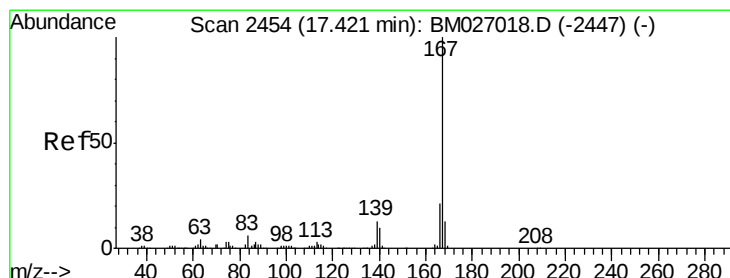
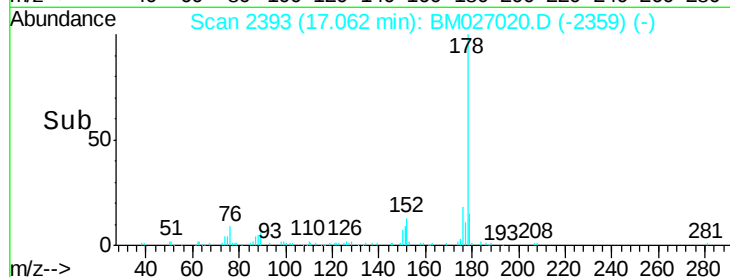
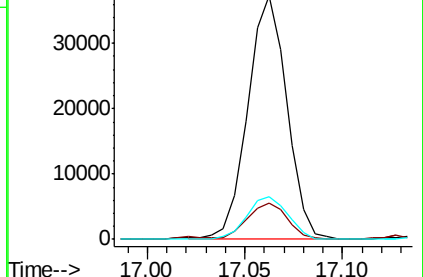
176 17.8 14.6 22.0



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: 1.527 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BM027020.D

Acq: 07 Aug 2020 12:05

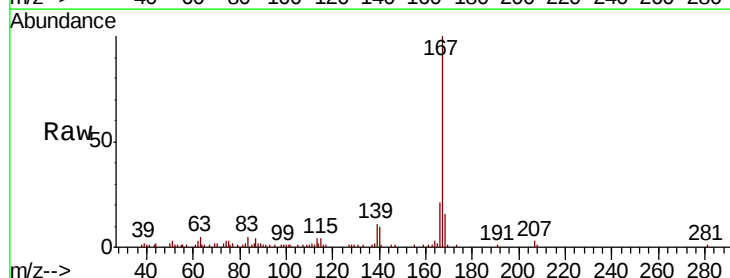
Tgt Ion:167 Resp: 40877

Ion Ratio Lower Upper

167 100

166 20.6 17.0 25.6

139 11.3 9.8 14.6



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

