

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050237.D
 Acq On : 9 Sep 2021 20:05
 Operator : CG/JU
 Sample : M3608-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKK9

Manual Integrations
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Quant Time: Sep 10 01:18:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 07 18:32:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	53784	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.770	136	207104	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.606	164	104064	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.367	188	227884	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.632	240	262060	20.000	ng/ul	0.00
88) Perylene-d12	24.845	264	274452	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	2246	2.064	ng/uL	0.00
4) Pyridine-d5	3.750	84	32080m	8.307	ng/ul	0.01
7) Phenol-d5	7.122	99	19937	4.774	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	51298	21.034	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.481	132	53016	15.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.673	113	35705	10.874	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	37907	26.666	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	40810	23.609	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.400	165	64814	19.646	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	87276	21.472	ng/ul	-0.01
46) Dimethylphthalate-d6	14.019	166	276804	35.227	ng/ul	0.00
49) Acenaphthylene-d8	14.301	160	297377	31.784	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.853	143	10251m	10.812	ng/ul	0.00
60) Fluorene-d10	15.605	176	220264	33.760	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.758	200	180244	131.121	ng/ul	0.00
73) Anthracene-d10	17.467	188	368590	36.030	ng/ul	0.00
81) Pyrene-d10	19.752	212	465881	35.691	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.628	264	508565	35.004	ng/ul	-0.01
Target Compounds						
					Qvalue	
13) 2-Methylphenol	8.409	108	6959m	2.103	ng/ul	
18) 4-Methylphenol	8.744	108	4330	1.377	ng/ul	89
26) 2,4-Dimethylphenol	9.977	107	39127m	9.642	ng/ul	
30) Naphthalene	10.841	128	4440259	466.819	ng/ul#	81
36) 2-Methylnaphthalene	12.427	142	167223	23.774	ng/ul	91
37) 1-Methylnaphthalene	12.650	142	652941	96.675	ng/ul	100
42) 2,4,5-Trichlorophenol	13.126	196	64656	31.112	ng/ul	96
43) 1,1'-Biphenyl	13.437	154	149074	19.843	ng/ul	96
50) Acenaphthylene	14.330	152	37678	4.309	ng/ul#	89
52) Acenaphthene	14.677	153	503524	80.814	ng/ul	97
56) Dibenzofuran	15.006	168	361145	42.130	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.241	232	77312	49.118	ng/ul#	94
61) Fluorene	15.658	166	234981	32.696	ng/ul	94
71) Pentachlorophenol	17.044	266	1181631	1408.915	ng/ul	98
72) Phenanthrene	17.408	178	251868	21.670	ng/ul	98
74) Anthracene	17.497	178	21982	1.865	ng/ul#	94
77) Carbazole	17.779	167	1047864	100.853	ng/ul	96

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

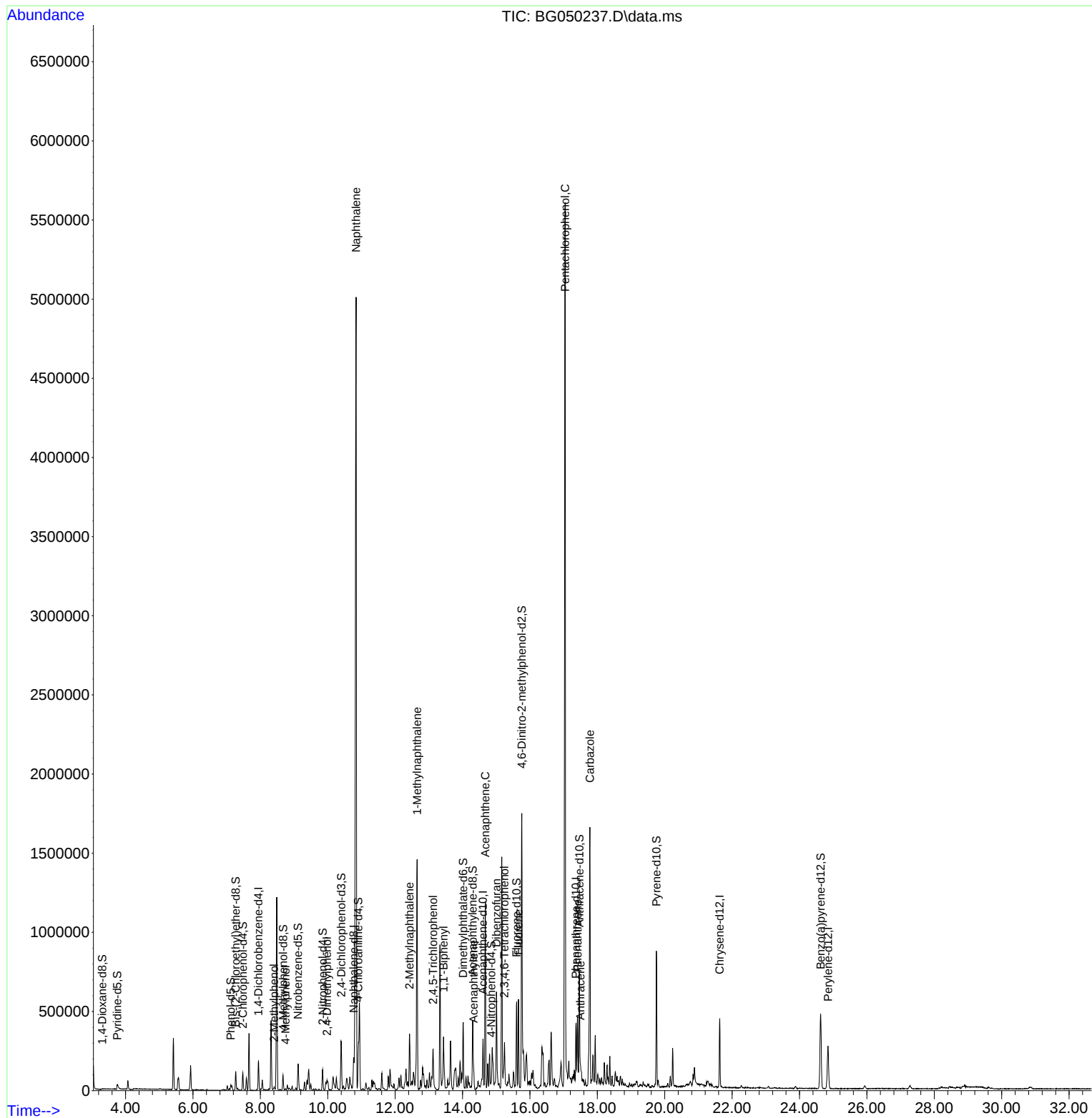
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Data File : BG050237.D
Acq On : 9 Sep 2021 20:05
Operator : CG/JU
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ALS Vial : 65 Sample Multiplier: 1

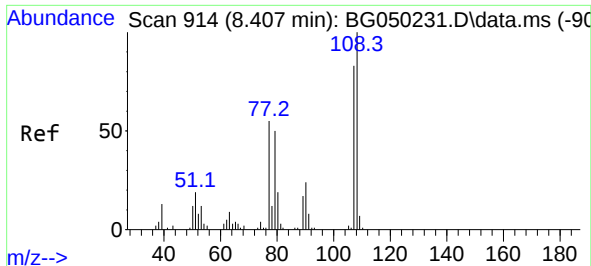
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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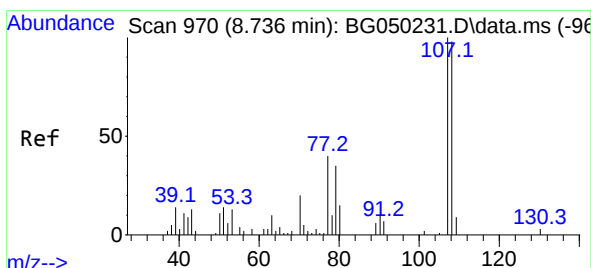
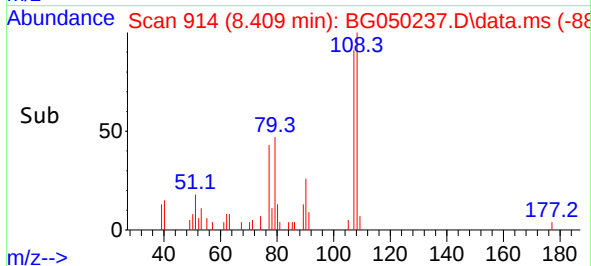
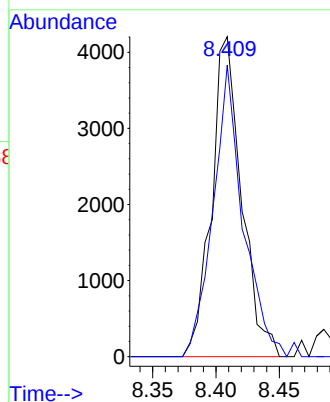
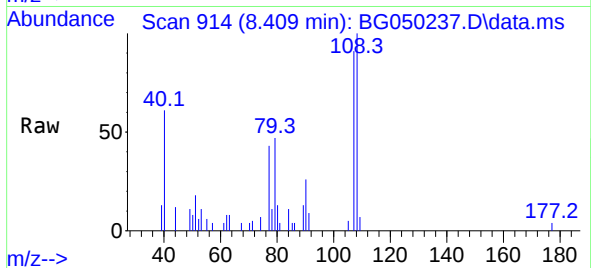
#13
2-Methylphenol
Concen: 2.103 ng/ul m
RT: 8.409 min Scan# 914
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:108 Resp: 6959
Ion Ratio Lower Upper
108 100
107 91.1 71.0 106.4

Instrument :
BNA_G
ClientSampleId :
DBKK9

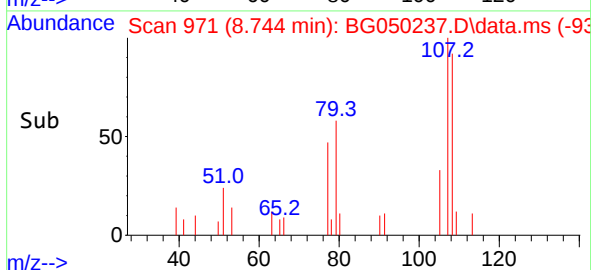
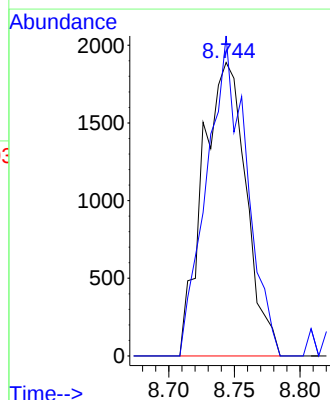
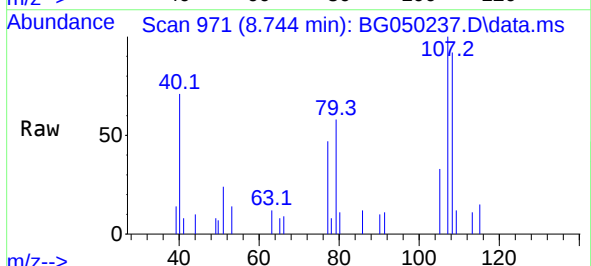
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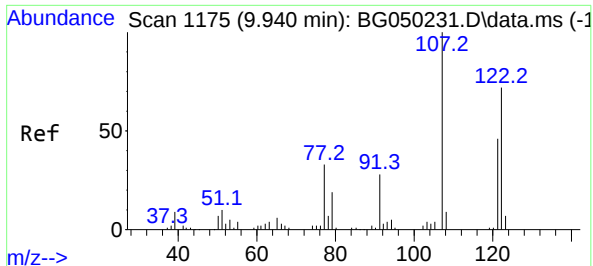
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#18
4-Methylphenol
Concen: 1.377 ng/ul
RT: 8.744 min Scan# 971
Delta R.T. 0.000 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

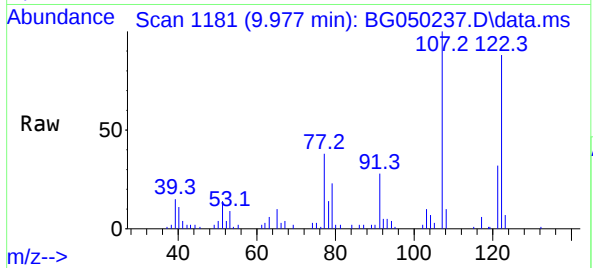
Tgt Ion:108 Resp: 4330
Ion Ratio Lower Upper
108 100
107 109.1 78.3 117.5





#26
2,4-Dimethylphenol
Concen: 9.642 ng/ul m
RT: 9.977 min Scan# 1181
Delta R.T. 0.029 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

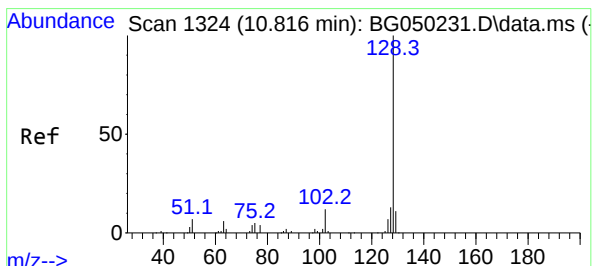
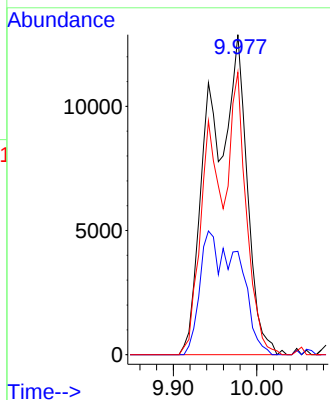
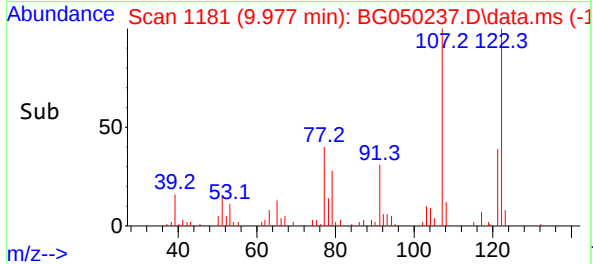
Instrument :
BNA_G
ClientSampled :
DBKK9



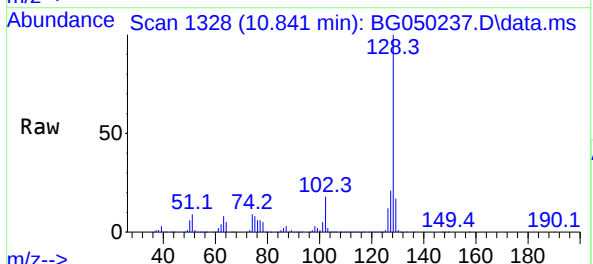
Tgt Ion:107 Resp: 39127
Ion Ratio Lower Upper
107 100
121 32.3 32.7 49.1#
122 88.2 52.6 79.0#

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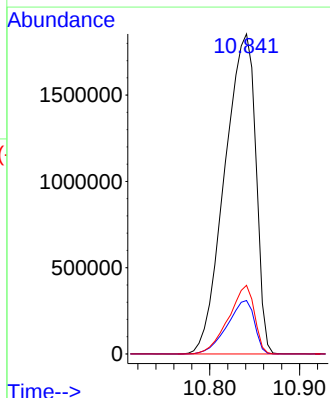
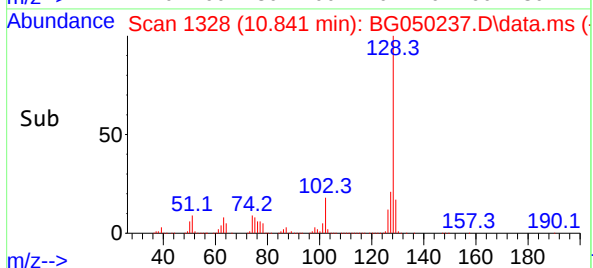
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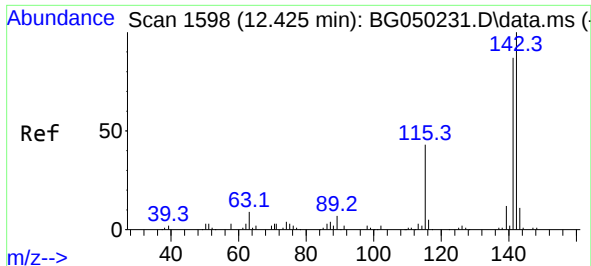


#30
Naphthalene
Concen: 466.819 ng/ul
RT: 10.841 min Scan# 1328
Delta R.T. 0.018 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05



Tgt Ion:128 Resp: 4440259
Ion Ratio Lower Upper
128 100
129 16.7 9.3 13.9#
127 21.5 9.8 14.6#





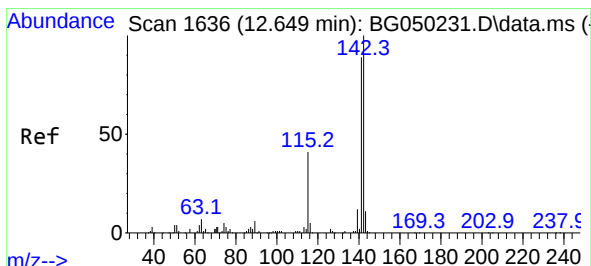
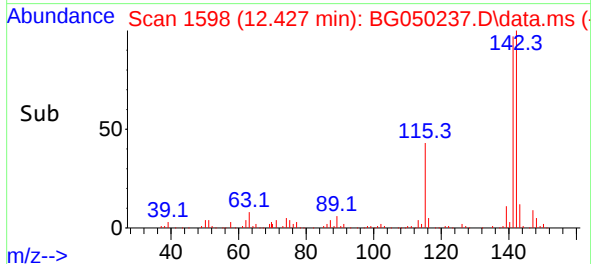
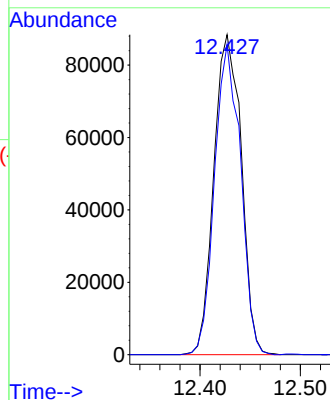
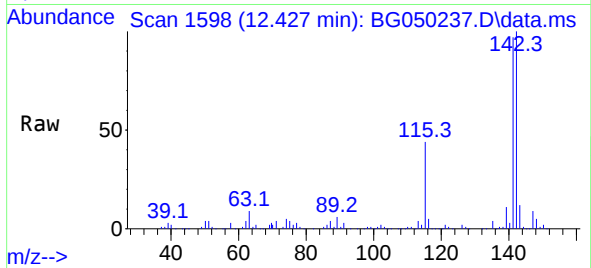
#36
2-Methylnaphthalene
Concen: 23.774 ng/ul
RT: 12.427 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Instrument :
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ClientSampled :
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Tgt Ion:142 Resp: 167223
Ion Ratio Lower Upper
142 100
141 96.9 70.5 105.7

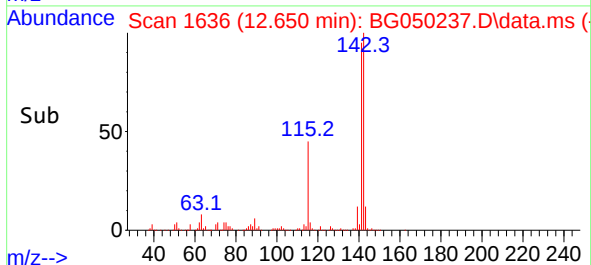
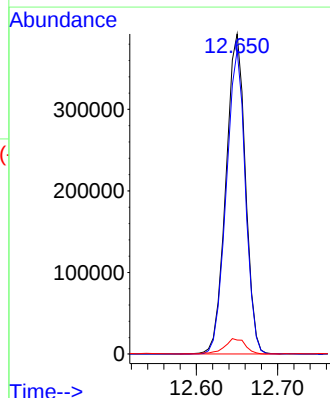
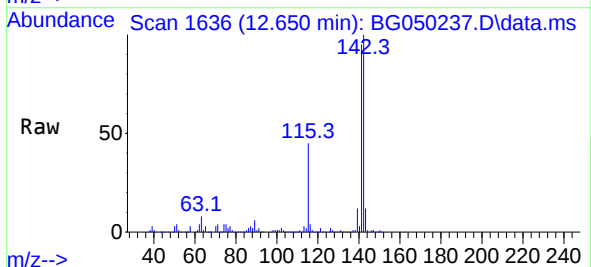
Manual Integrations
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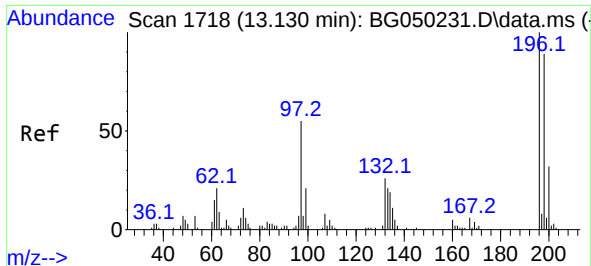
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#37
1-Methylnaphthalene
Concen: 96.675 ng/ul
RT: 12.650 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

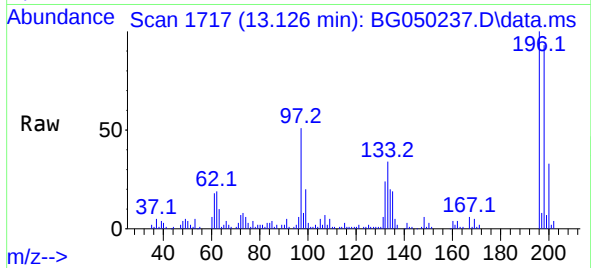
Tgt Ion:142 Resp: 652941
Ion Ratio Lower Upper
142 100
141 94.9 75.8 113.8
116 4.4 3.7 5.5





#42
2,4,5-Trichlorophenol
Concen: 31.112 ng/ul
RT: 13.126 min Scan# 1717
Delta R.T. -0.018 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

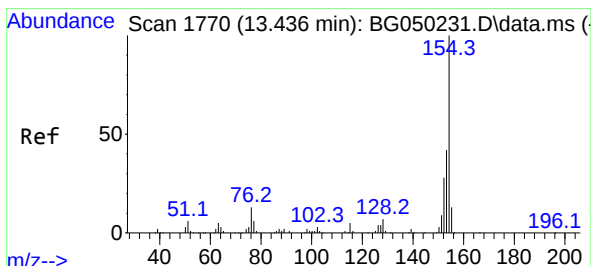
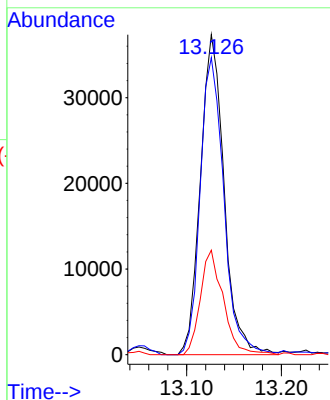
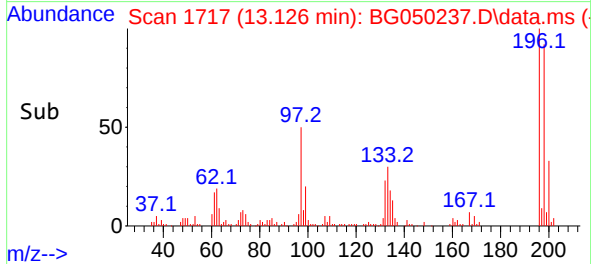
Instrument :
BNA_G
ClientSampleId :
DBKK9



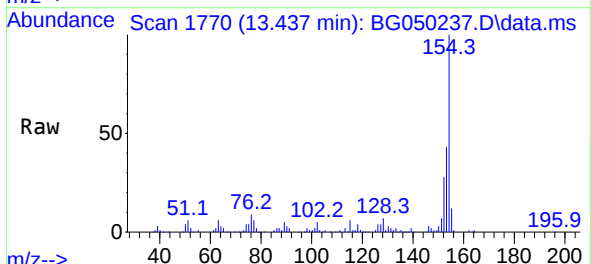
Tgt Ion:196 Resp: 64656
Ion Ratio Lower Upper
196 100
198 92.8 70.3 105.5
200 32.6 26.6 40.0

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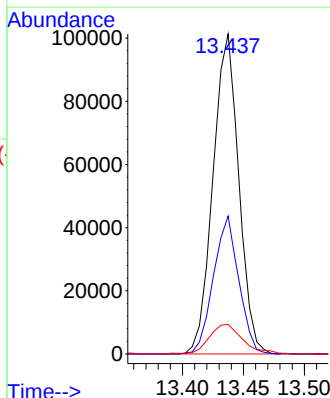
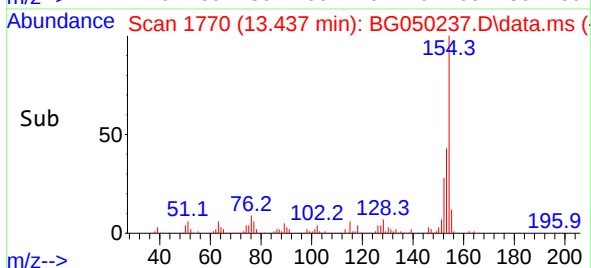
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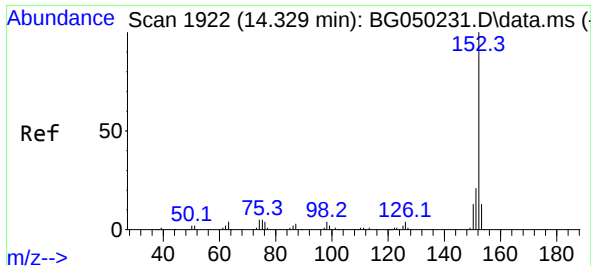


#43
1,1'-Biphenyl
Concen: 19.843 ng/ul
RT: 13.437 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05



Tgt Ion:154 Resp: 149074
Ion Ratio Lower Upper
154 100
153 43.1 32.5 48.7
76 9.3 7.8 11.8





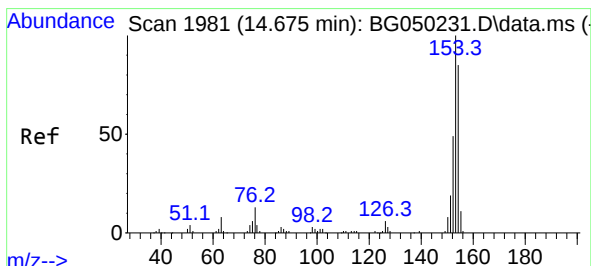
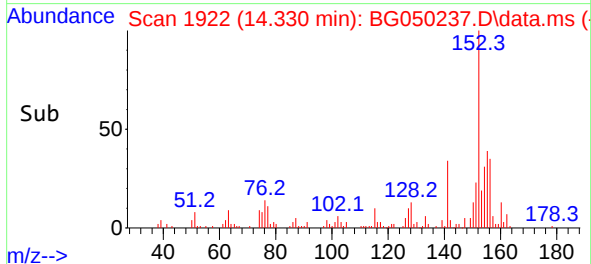
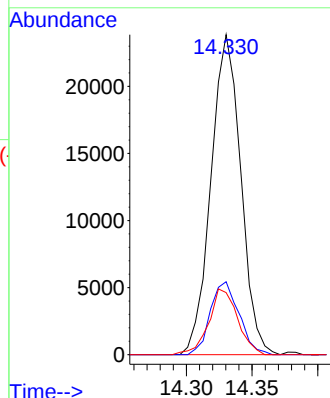
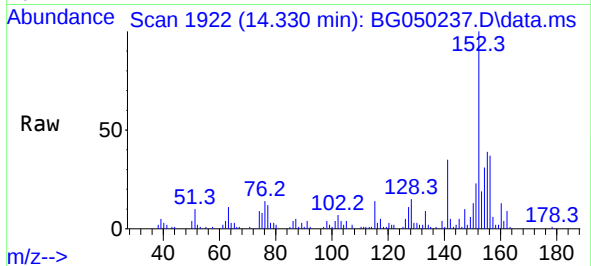
#50
Acenaphthylene
Concen: 4.309 ng/ul
RT: 14.330 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:152 Resp: 37678
Ion Ratio Lower Upper
152 100
151 22.8 15.2 22.8#
153 19.4 10.7 16.1#

Instrument :
BNA_G
ClientSampleId :
DBKK9

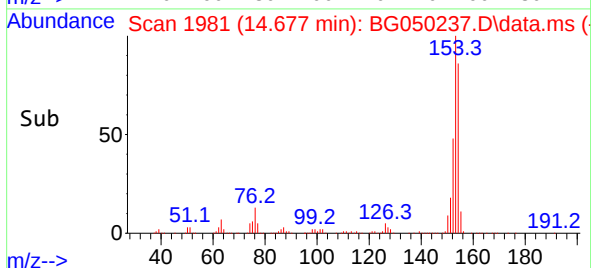
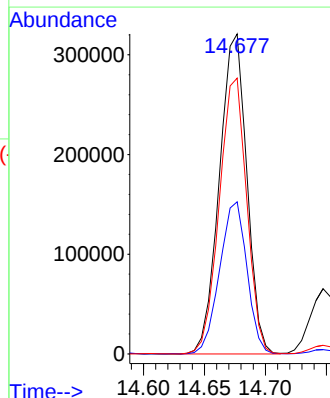
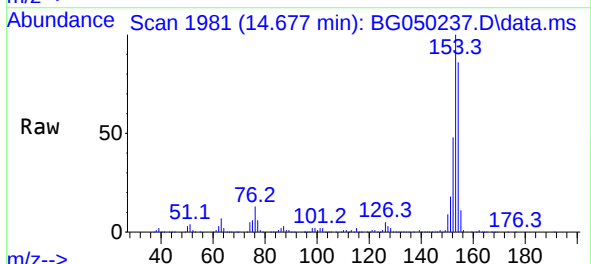
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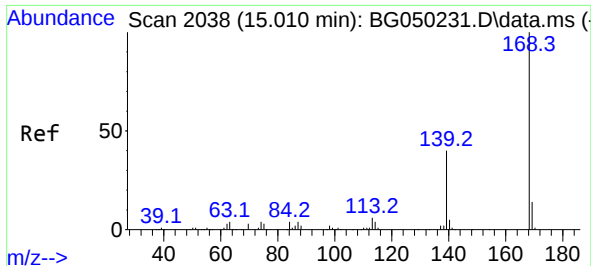
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#52
Acenaphthene
Concen: 80.814 ng/ul
RT: 14.677 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:153 Resp: 503524
Ion Ratio Lower Upper
153 100
152 47.6 37.4 56.2
154 86.2 71.5 107.3





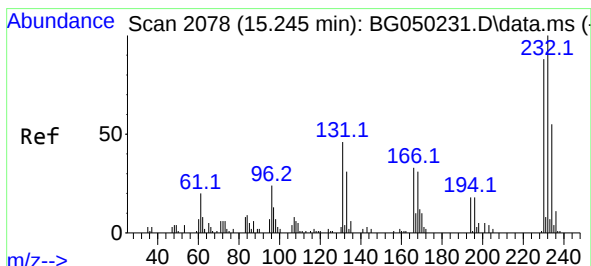
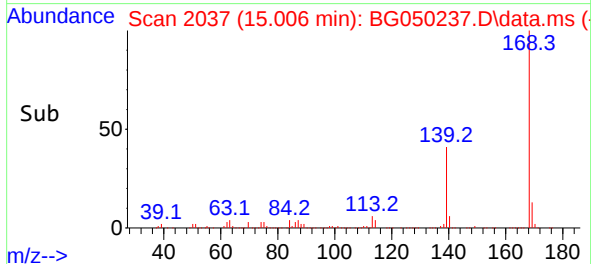
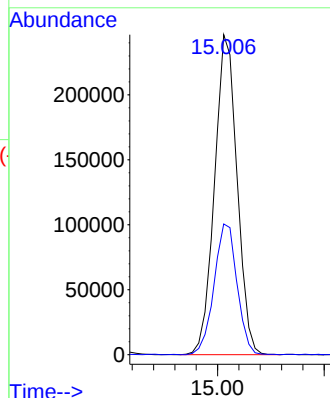
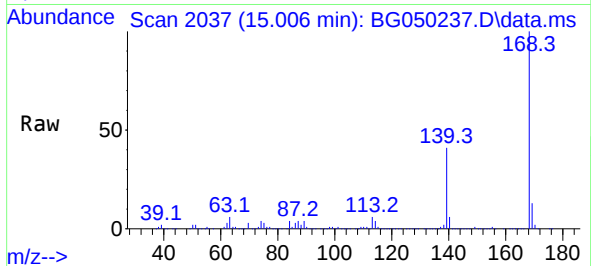
#56
Dibenzofuran
Concen: 42.130 ng/ul
RT: 15.006 min Scan# 2037
Delta R.T. -0.012 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:168 Resp: 361145
Ion Ratio Lower Upper
168 100
139 40.8 33.8 50.8

Instrument :
BNA_G
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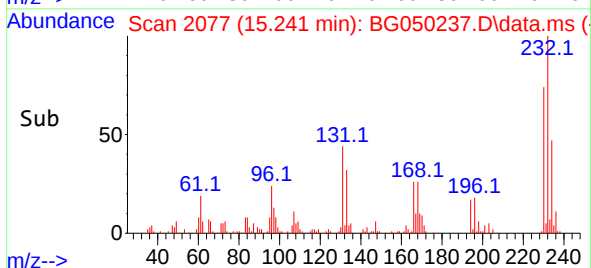
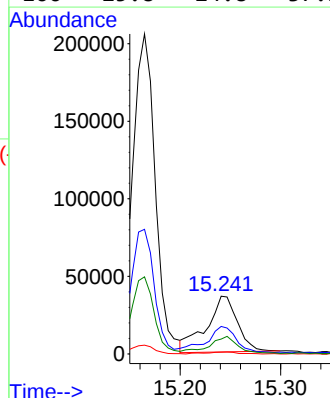
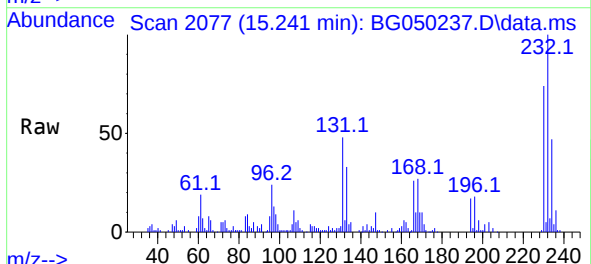
Manual Integrations
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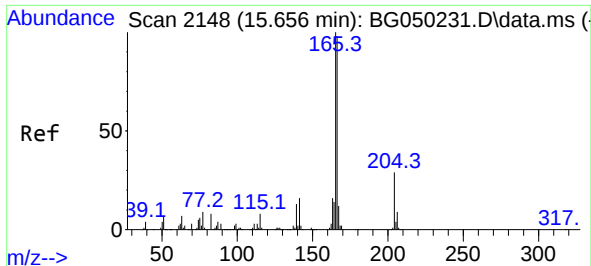
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#58
2,3,4,6-Tetrachlorophenol
Concen: 49.118 ng/ul
RT: 15.241 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

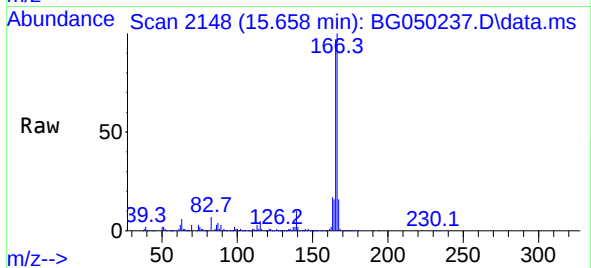
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Ion Ratio Lower Upper
232 100
131 47.5 40.0 60.0
130 3.1 1.8 2.8#
166 25.8 24.8 37.2





#61
Fluorene
Concen: 32.696 ng/ul
RT: 15.658 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

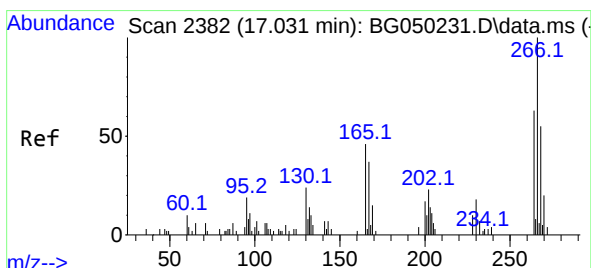
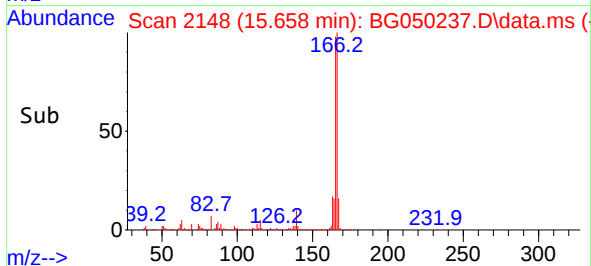
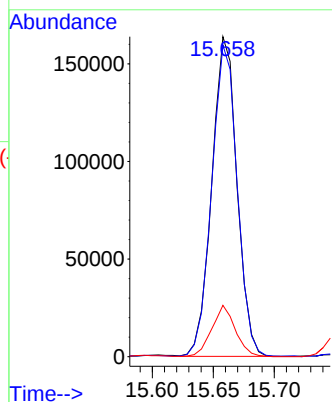
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ClientSampleId :
DBKK9



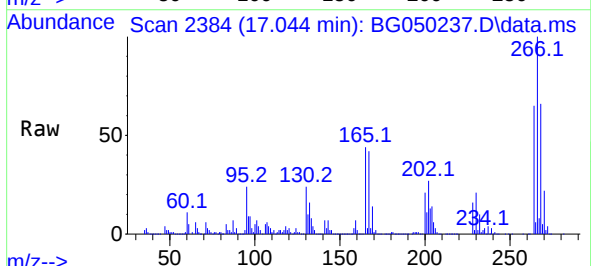
Tgt Ion:166 Resp: 234981
Ion Ratio Lower Upper
166 100
165 97.4 83.3 124.9
167 16.0 11.8 17.6

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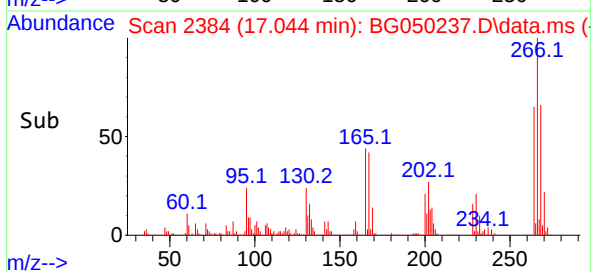
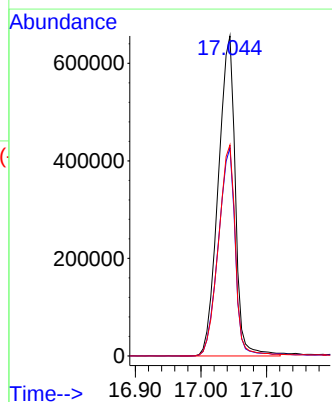
mohammad
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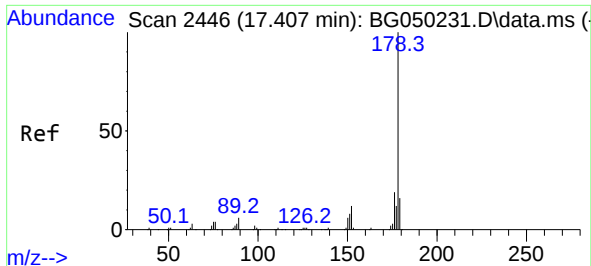


#71
Pentachlorophenol
Concen: 1408.915 ng/ul
RT: 17.044 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05



Tgt Ion:266 Resp: 1181631
Ion Ratio Lower Upper
266 100
264 65.0 54.1 81.1
268 65.9 52.6 78.8





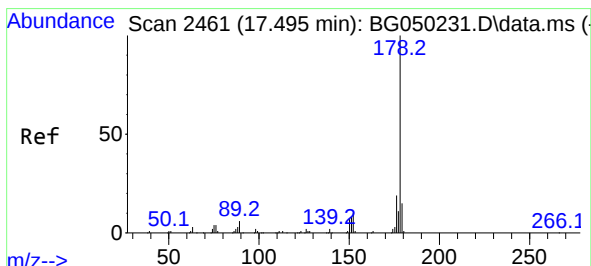
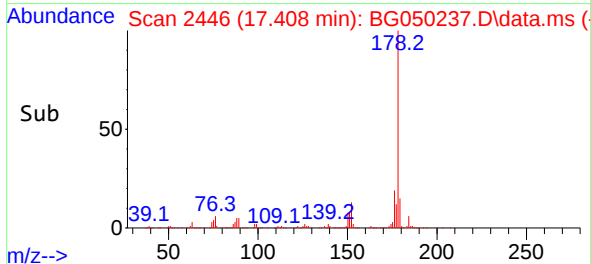
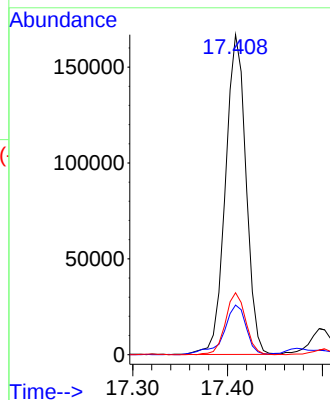
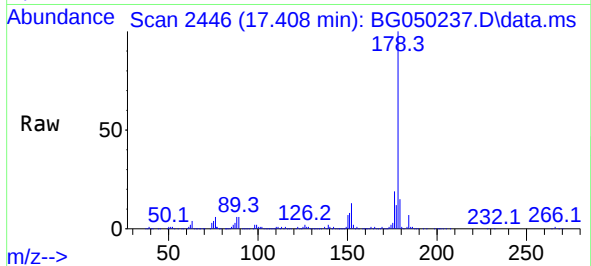
#72
Phenanthrene
Concen: 21.670 ng/u1
RT: 17.408 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:178 Resp: 251868
Ion Ratio Lower Upper
178 100
179 15.5 11.7 17.5
176 19.4 16.2 24.2

Instrument :
BNA_G
ClientSampled :
DBKK9

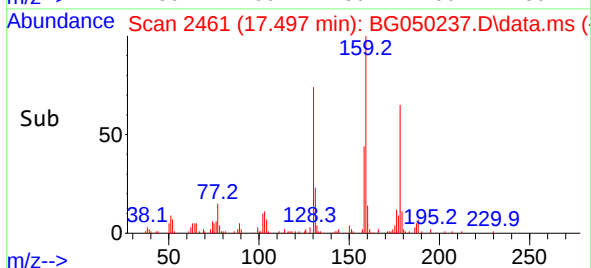
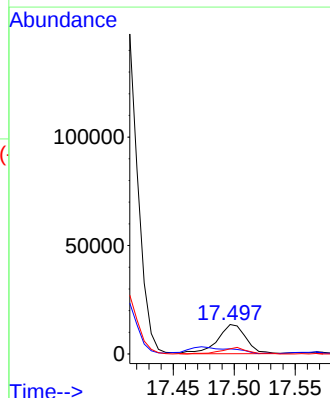
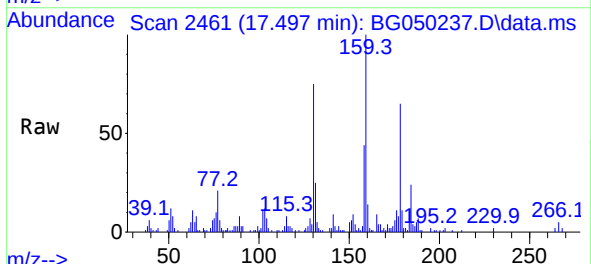
Manual Integrations
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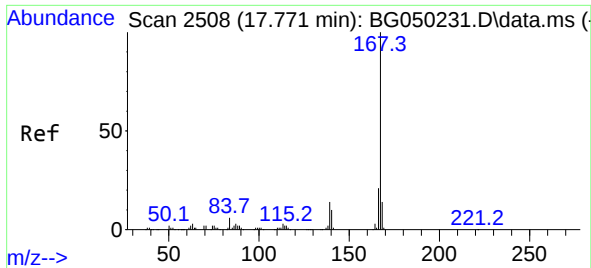
mohammad
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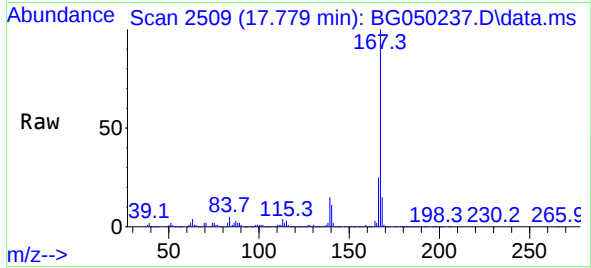
#74
Anthracene
Concen: 1.865 ng/u1
RT: 17.497 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG050237.D
Acq: 9 Sep 2021 20:05

Tgt Ion:178 Resp: 21982
Ion Ratio Lower Upper
178 100
179 17.3 11.4 17.0#
176 17.6 12.8 19.2



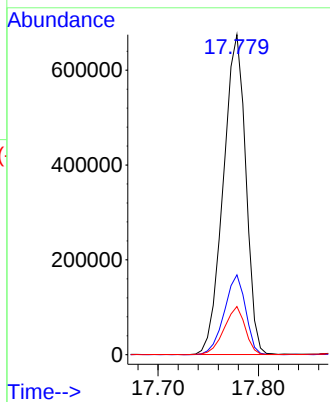
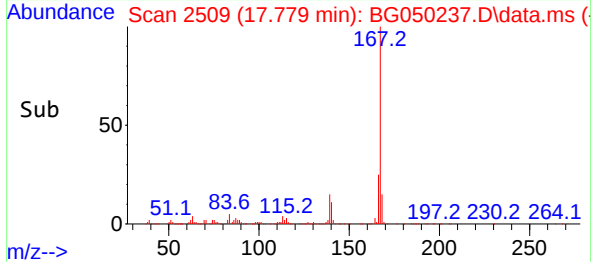


#77
 Carbazole
 Concen: 100.853 ng/ul
 RT: 17.779 min Scan# 2509
 Delta R.T. 0.000 min
 Lab File: BG050237.D
 Acq: 9 Sep 2021 20:05



Tgt Ion:167 Resp: 1047864

Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.8	26.8
139	15.1	11.1	16.7



Instrument :
 BNA_G
 ClientSampleId :
 DBKK9

Manual Integrations
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