

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050184.D
 Acq On : 8 Sep 2021 3:32
 Operator : CG/JU
 Sample : M3608-02DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKJ8DL

Manual Integrations
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 9/9/2021 8:40:41 AM

Quant Time: Sep 08 09:33:48 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	7.949	152	33771	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	131125	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.611	164	84327	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.360	188	181324	20.000	ng/u1	0.00
79) Chrysene-d12	21.631	240	239547	20.000	ng/u1	0.00
88) Perylene-d12	24.844	264	200803	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.132	99	3444	1.313	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	6568	4.289	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.485	132	6688	3.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.677	113	4895	2.374	ng/u1	0.00
21) Nitrobenzene-d5	9.130	128	4793	5.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	6971	6.370	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	11264	5.393	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	6306	2.450	ng/u1	0.00
46) Dimethylphthalate-d6	14.011	166	30585	4.803	ng/u1	0.00
49) Acenaphthylene-d8	14.299	160	35506	4.683	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.869	143	880	1.145	ng/u1	0.02
60) Fluorene-d10	15.603	176	25903	4.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	33165	30.322	ng/u1	0.01
73) Anthracene-d10	17.460	188	41561	5.106	ng/u1	0.00
81) Pyrene-d10	19.751	212	50898	4.266	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.621	264	48948	4.605	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	7.162	94	4097	1.587	ng/u1	94
12) 2-Chlorophenol	7.520	128	2173	1.025	ng/u1#	78
13) 2-Methylphenol	8.413	108	13844	6.661	ng/u1	98
18) 4-Methylphenol	8.748	108	14265	7.227	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	60420m	23.517	ng/u1	
30) Naphthalene	10.827	128	2150591	357.109	ng/u1#	94
36) 2-Methylnaphthalene	12.431	142	361905	81.265	ng/u1	97
37) 1-Methylnaphthalene	12.649	142	198574	46.437	ng/u1	96
42) 2,4,5-Trichlorophenol	13.136	196	9119	5.415	ng/u1	86
43) 1,1'-Biphenyl	13.436	154	69671	11.444	ng/u1	96
50) Acenaphthylene	14.329	152	7781	1.098	ng/u1#	82
52) Acenaphthene	14.675	153	261767	51.846	ng/u1	98
56) Dibenzofuran	15.010	168	171090	24.630	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1467	1.150	ng/u1#	72
61) Fluorene	15.656	166	109295	18.767	ng/u1	98
71) Pentachlorophenol	17.031	266	2701	4.047	ng/u1	93
72) Phenanthrene	17.407	178	146877	15.882	ng/u1	98
77) Carbazole	17.771	167	419336	50.723	ng/u1	99

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

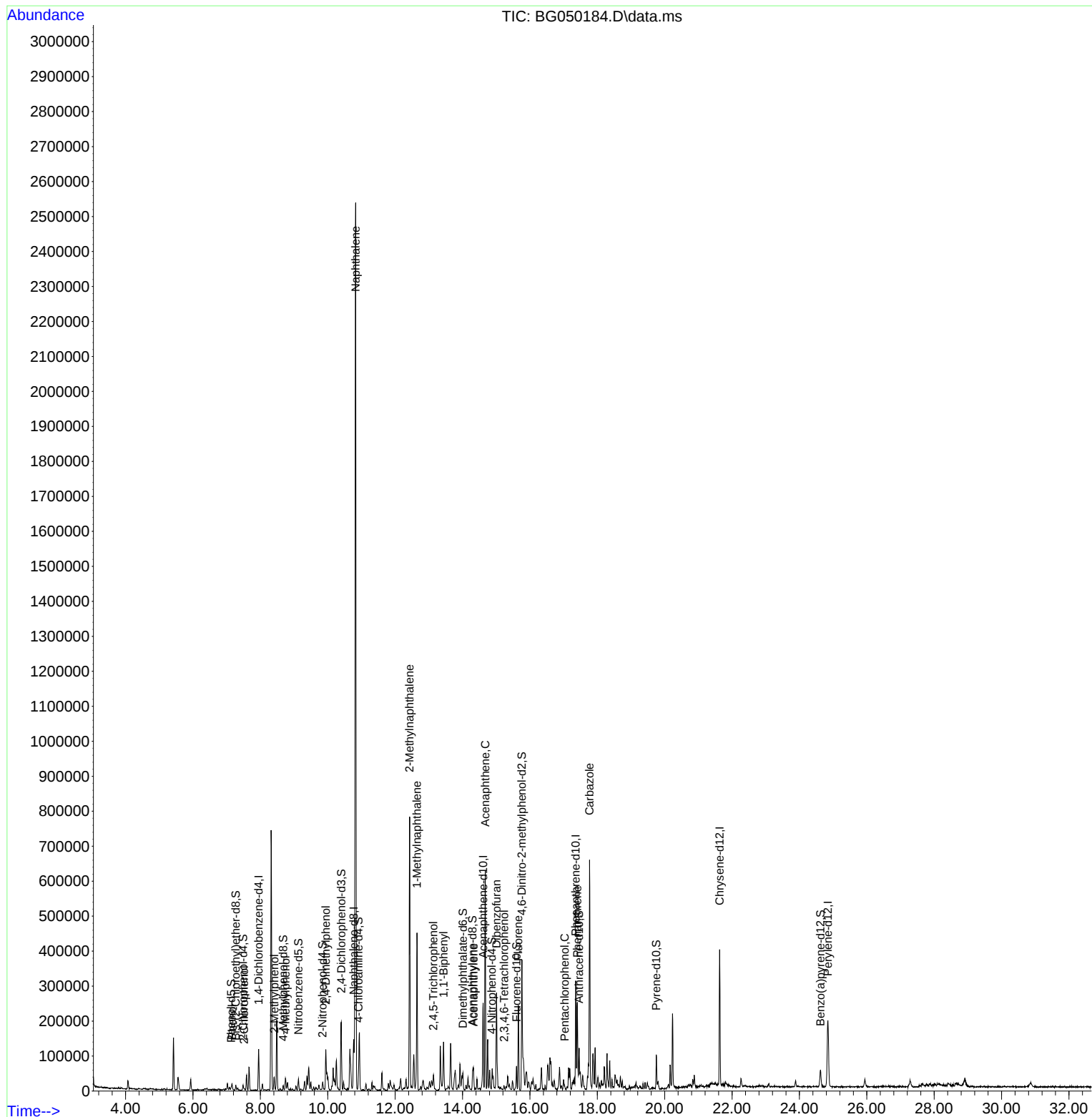
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Data File : BG050184.D
Acq On : 8 Sep 2021 3:32
Operator : CG/JU
Sample : M3608-02DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

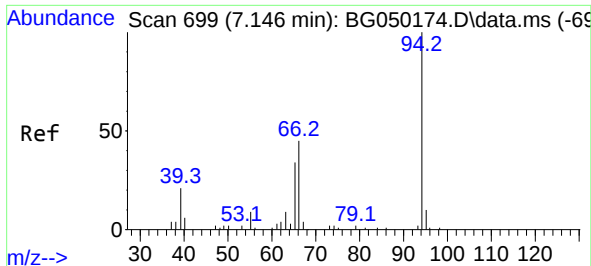
Instrument :
BNA_G
ClientSampleId :
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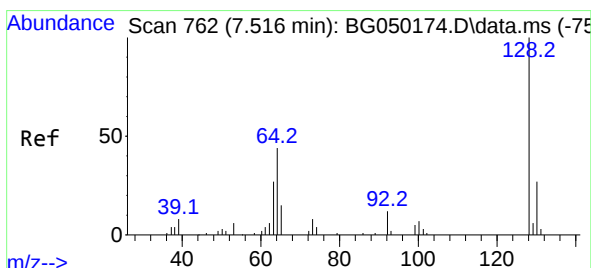
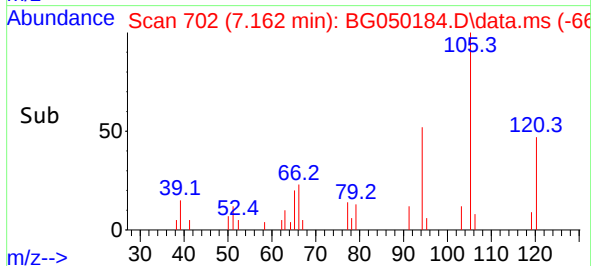
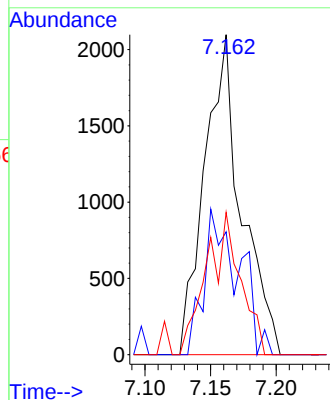
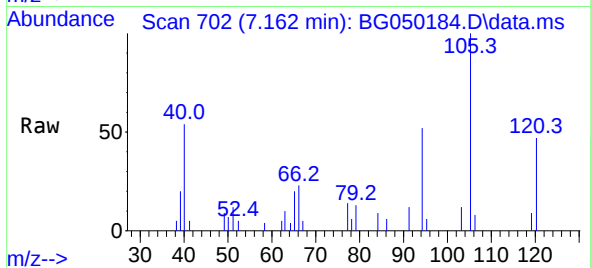
#8
Phenol
Concen: 1.587 ng/ul
RT: 7.162 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Instrument :
BNA_G
ClientSampled :
DBKJ8DL

Tgt Ion: 94 Resp: 4097
Ion Ratio Lower Upper
94 100
65 38.4 27.7 41.5
66 44.5 39.0 58.4

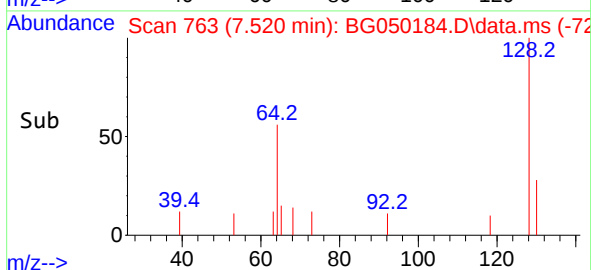
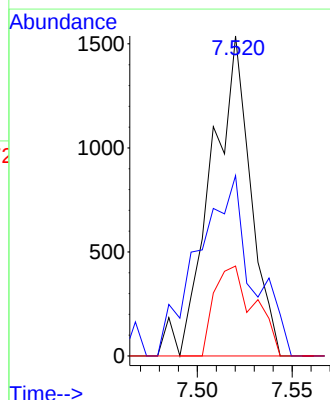
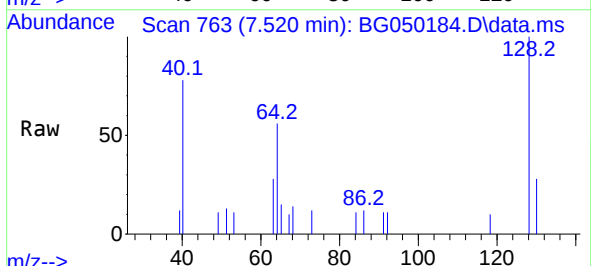
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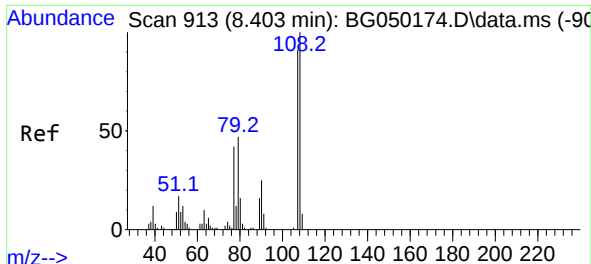
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#12
2-Chlorophenol
Concen: 1.025 ng/ul
RT: 7.520 min Scan# 763
Delta R.T. -0.002 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion: 128 Resp: 2173
Ion Ratio Lower Upper
128 100
64 56.4 28.0 42.0#
130 28.1 24.4 36.6





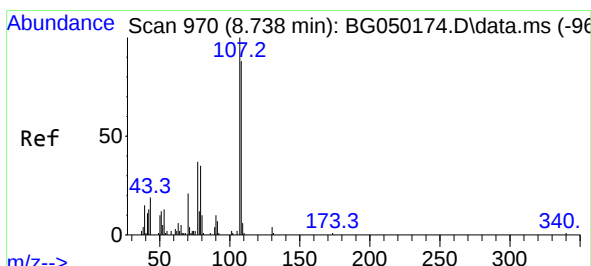
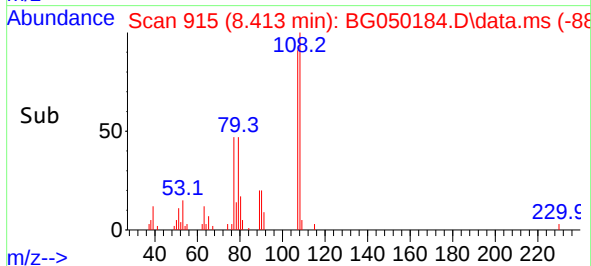
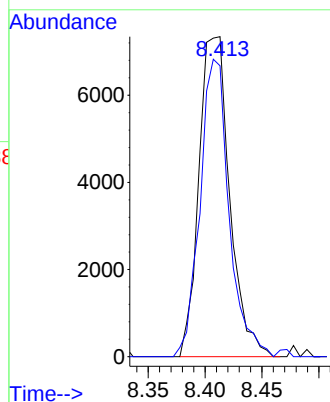
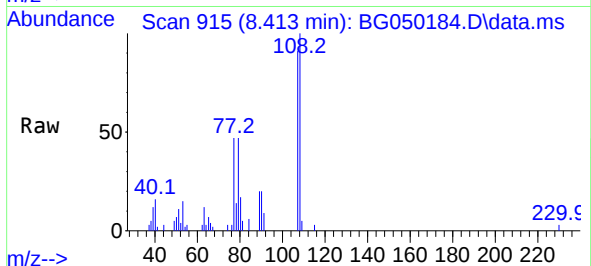
#13
2-Methylphenol
Concen: 6.661 ng/ul
RT: 8.413 min Scan# 915
Delta R.T. -0.002 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:108 Resp: 13844
Ion Ratio Lower Upper
108 100
107 90.9 71.0 106.4

Instrument :
BNA_G
ClientSampleId :
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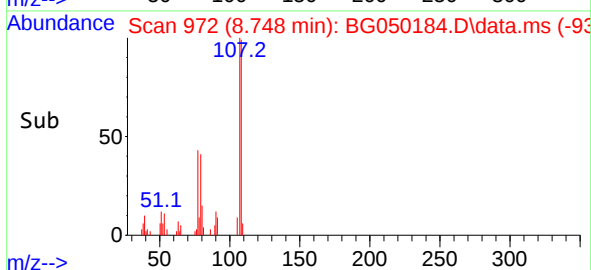
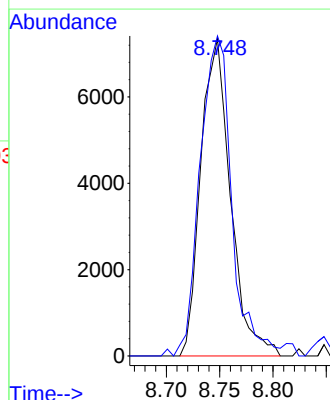
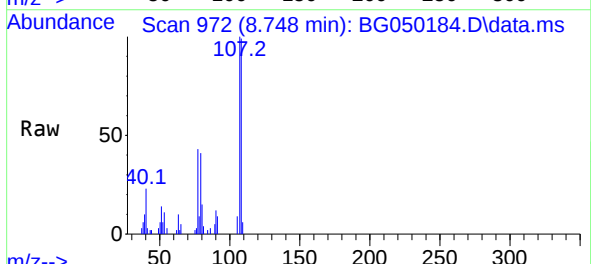
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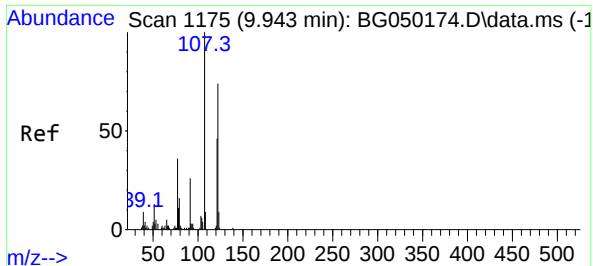
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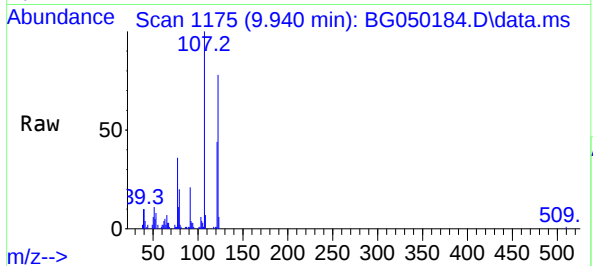
#18
4-Methylphenol
Concen: 7.227 ng/ul
RT: 8.748 min Scan# 972
Delta R.T. 0.004 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:108 Resp: 14265
Ion Ratio Lower Upper
108 100
107 100.9 78.3 117.5

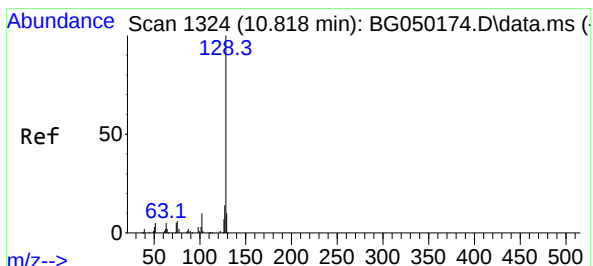
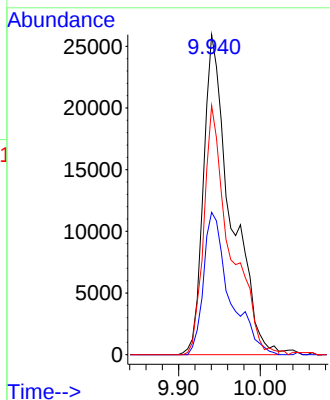
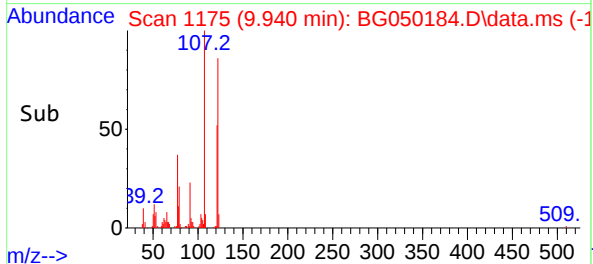




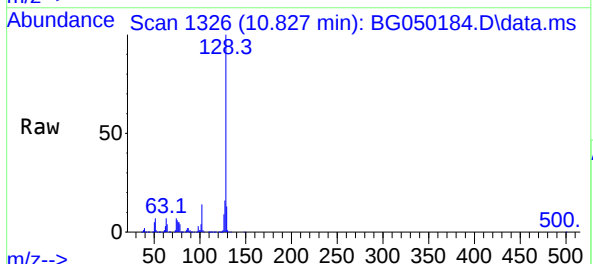
#26
2,4-Dimethylphenol
Concen: 23.517 ng/ul m
RT: 9.940 min Scan# 1175
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32



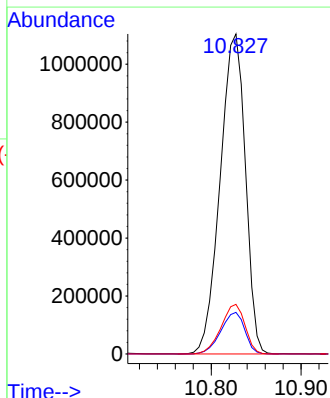
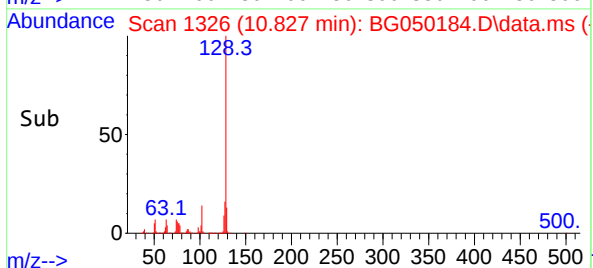
Tgt Ion:107 Resp: 60420
Ion Ratio Lower Upper
107 100
121 44.5 32.7 49.1
122 77.9 52.6 79.0



#30
Naphthalene
Concen: 357.109 ng/ul
RT: 10.827 min Scan# 1326
Delta R.T. 0.004 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32



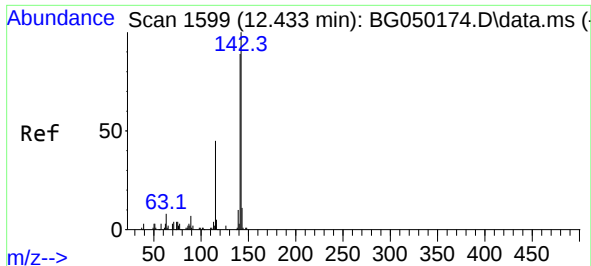
Tgt Ion:128 Resp: 2150591
Ion Ratio Lower Upper
128 100
129 13.0 9.3 13.9
127 15.5 9.8 14.6#



Instrument :
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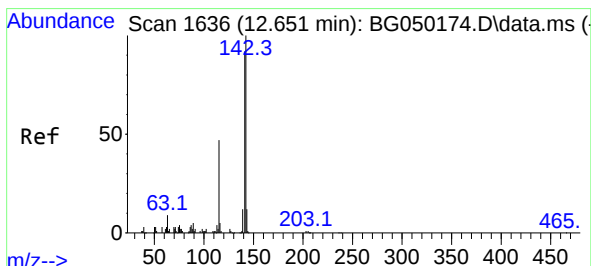
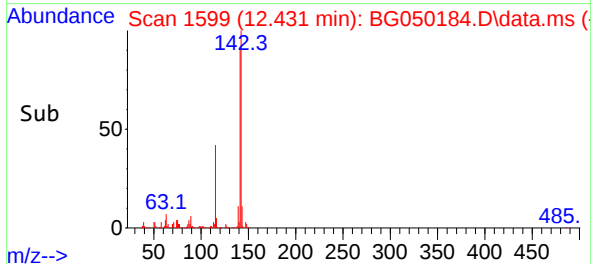
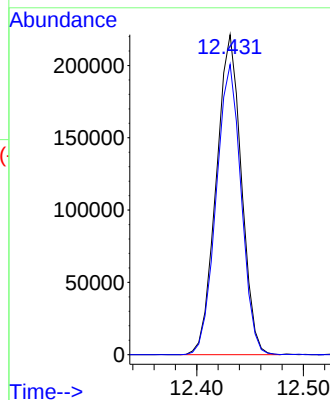
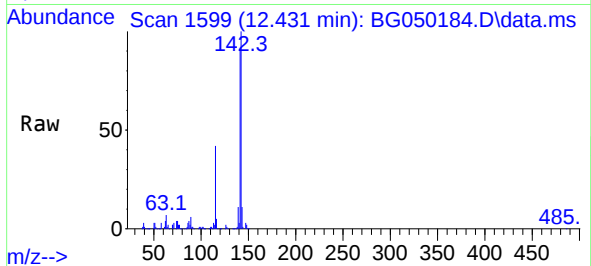
#36
2-Methylnaphthalene
Concen: 81.265 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:142 Resp: 361905
Ion Ratio Lower Upper
142 100
141 90.7 70.5 105.7

Instrument :
BNA_G
ClientSampleId :
DBKJ8DL

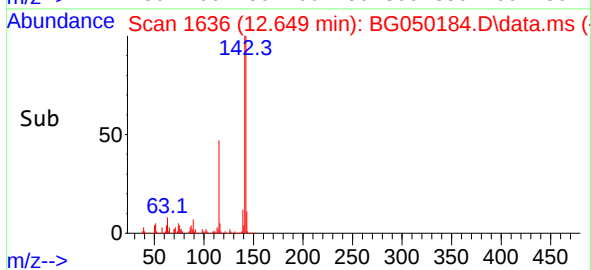
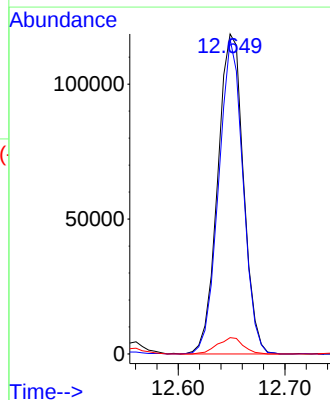
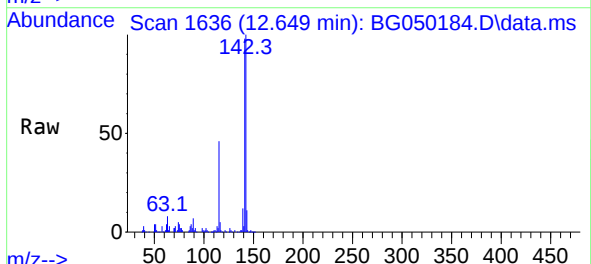
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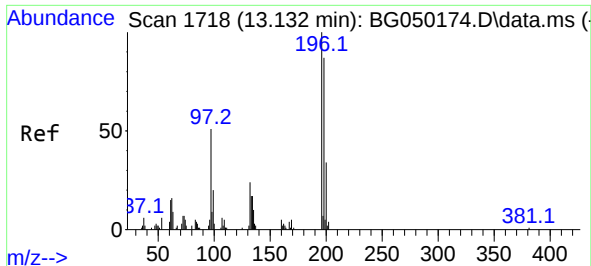
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#37
1-Methylnaphthalene
Concen: 46.437 ng/ul
RT: 12.649 min Scan# 1636
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:142 Resp: 198574
Ion Ratio Lower Upper
142 100
141 98.3 75.8 113.8
116 5.1 3.7 5.5





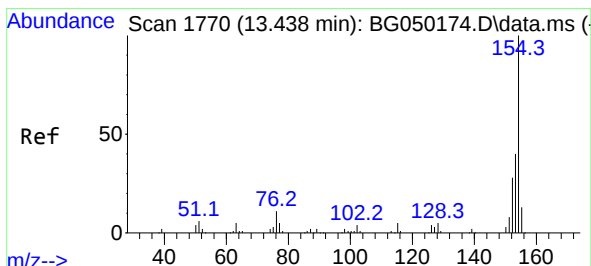
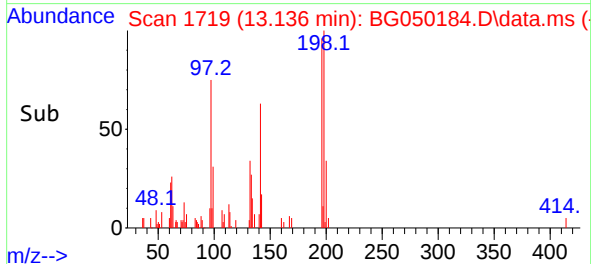
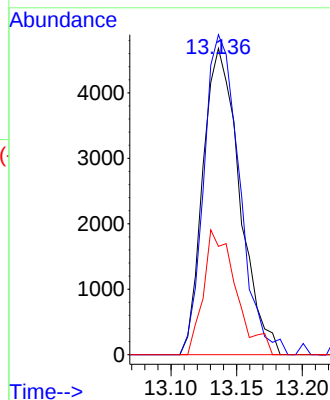
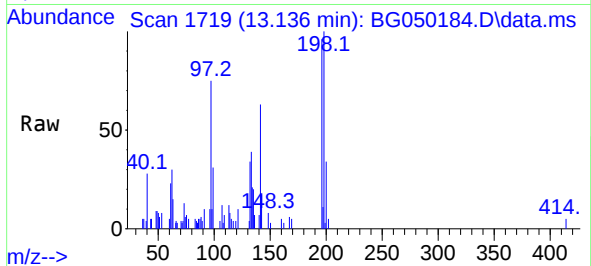
#42
2,4,5-Trichlorophenol
Concen: 5.415 ng/ul
RT: 13.136 min Scan# 1719
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:196 Resp: 9119
Ion Ratio Lower Upper
196 100
198 104.5 70.3 105.5
200 35.4 26.6 40.0

Instrument :
BNA_G
ClientSampled :
DBKJ8DL

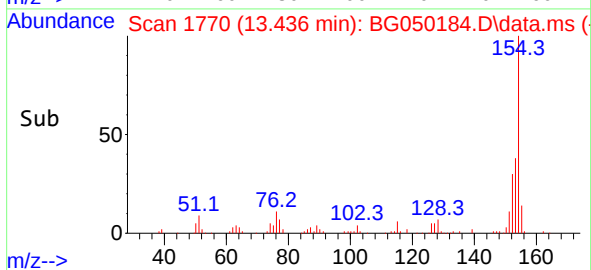
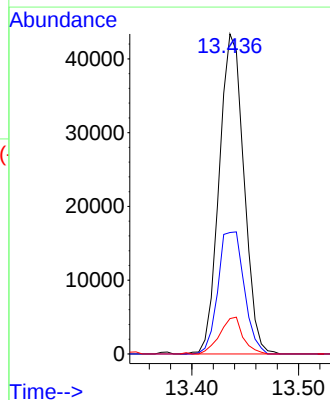
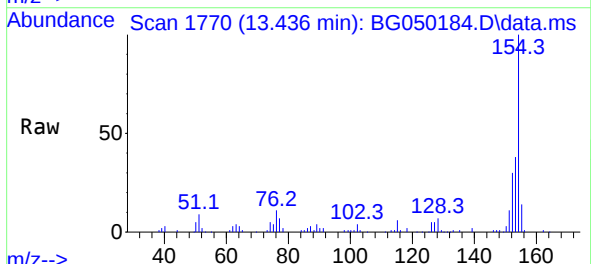
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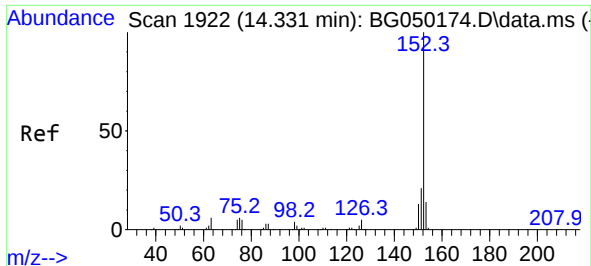
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#43
1,1'-Biphenyl
Concen: 11.444 ng/ul
RT: 13.436 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

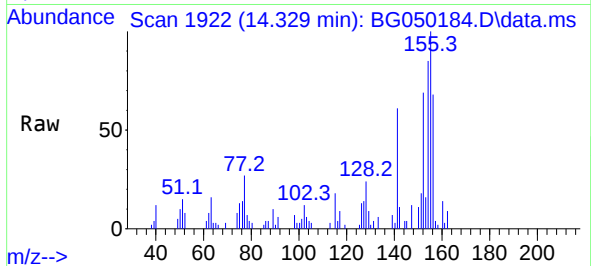
Tgt Ion:154 Resp: 69671
Ion Ratio Lower Upper
154 100
153 38.0 32.5 48.7
76 11.0 7.8 11.8





#50
Acenaphthylene
Concen: 1.098 ng/u1
RT: 14.329 min Scan# 1922
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

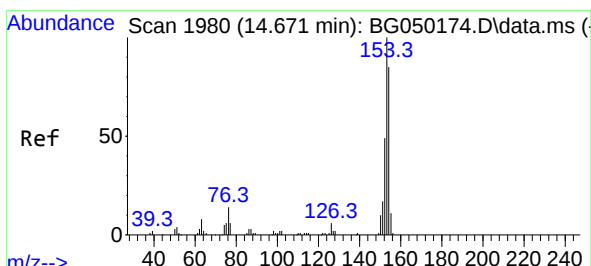
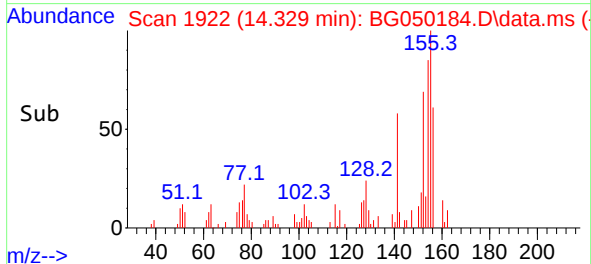
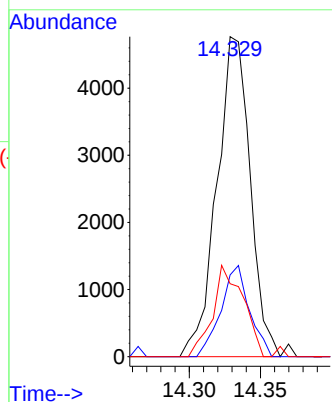
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BNA_G
ClientSampled :
DBKJ8DL



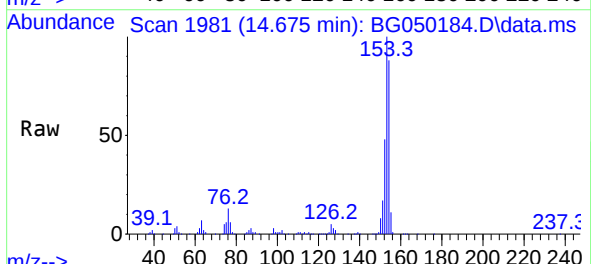
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Ion Ratio Lower Upper
152 100
151 25.6 15.2 22.8#
153 22.8 10.7 16.1#

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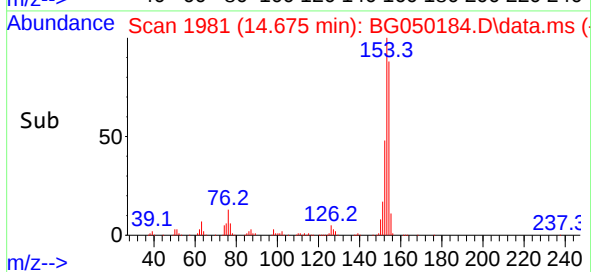
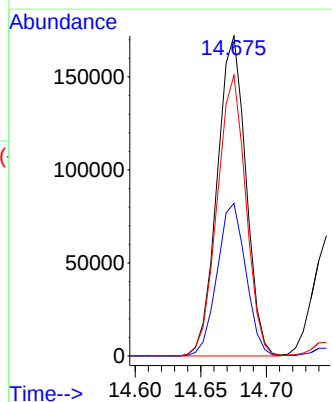
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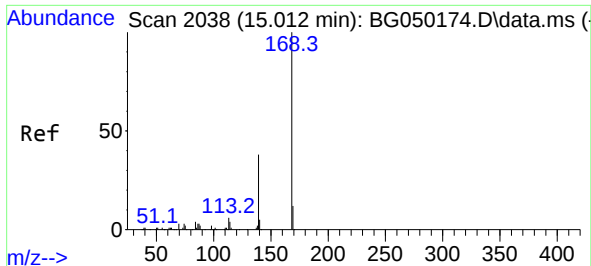


#52
Acenaphthene
Concen: 51.846 ng/u1
RT: 14.675 min Scan# 1981
Delta R.T. -0.002 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32



Tgt Ion:153 Resp: 261767
Ion Ratio Lower Upper
153 100
152 47.7 37.4 56.2
154 87.8 71.5 107.3





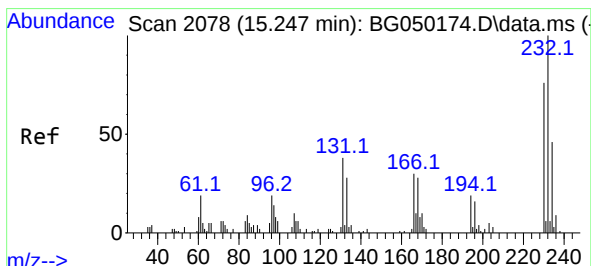
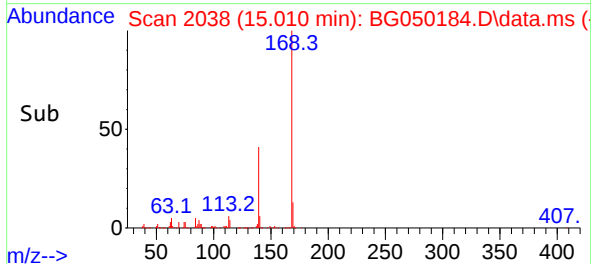
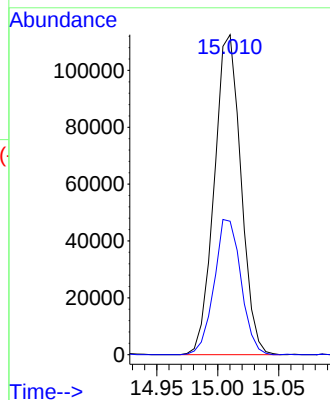
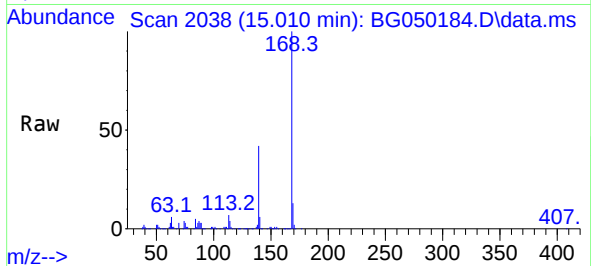
#56
Dibenzofuran
Concen: 24.630 ng/ul
RT: 15.010 min Scan# 2038
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

Tgt Ion:168 Resp: 171090
Ion Ratio Lower Upper
168 100
139 41.7 33.8 50.8

Instrument :
BNA_G
ClientSampleId :
DBKJ8DL

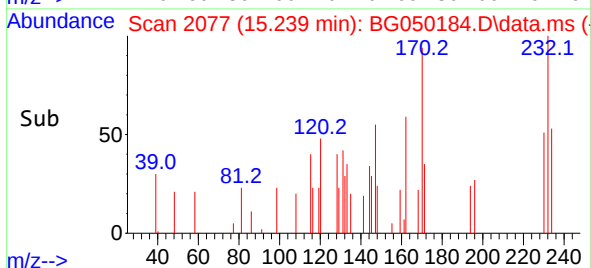
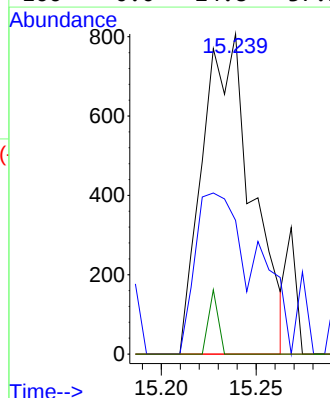
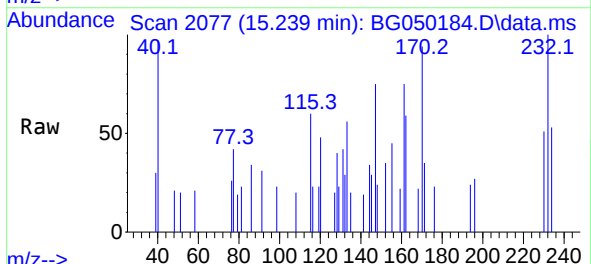
Manual Integrations
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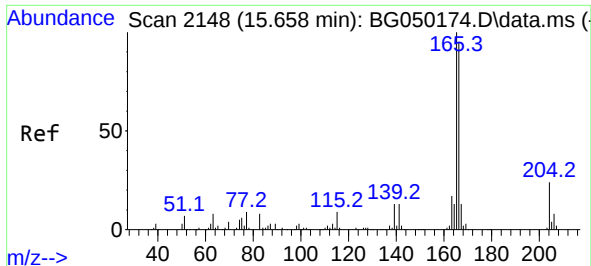
mohammad
9/9/2021 8:40:41 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.150 ng/ul
RT: 15.239 min Scan# 2077
Delta R.T. -0.013 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

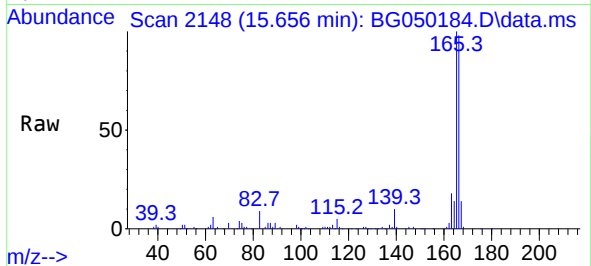
Tgt Ion:232 Resp: 1467
Ion Ratio Lower Upper
232 100
131 41.8 40.0 60.0
130 0.0 1.8 2.8#
166 0.0 24.8 37.2#





#61
Fluorene
Concen: 18.767 ng/ul
RT: 15.656 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

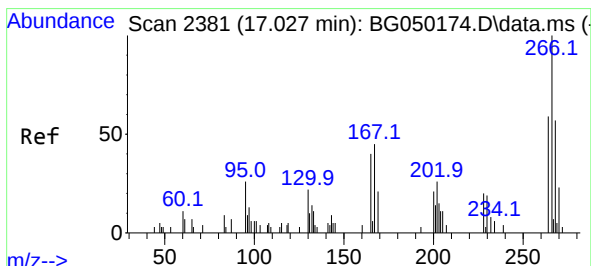
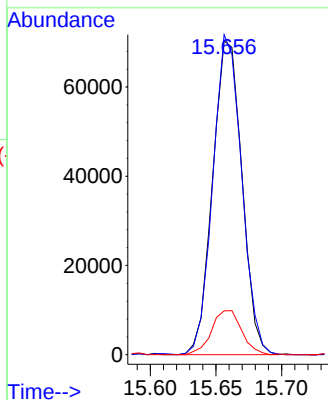
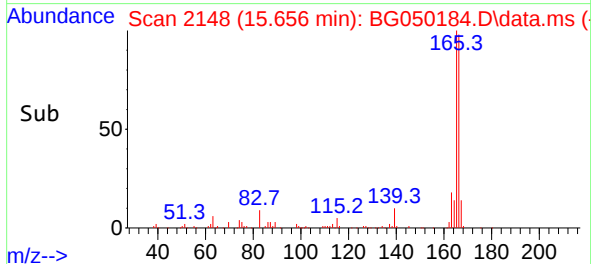
Instrument :
BNA_G
ClientSampleID :
DBKJ8DL



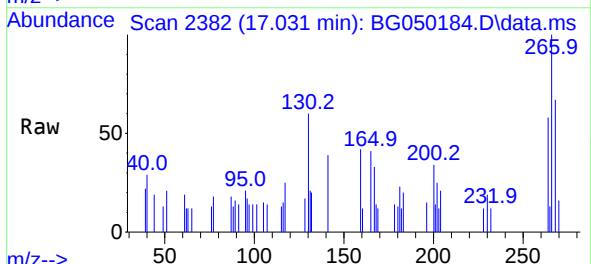
Tgt Ion:166 Resp: 109295
Ion Ratio Lower Upper
166 100
165 102.0 83.3 124.9
167 14.0 11.8 17.6

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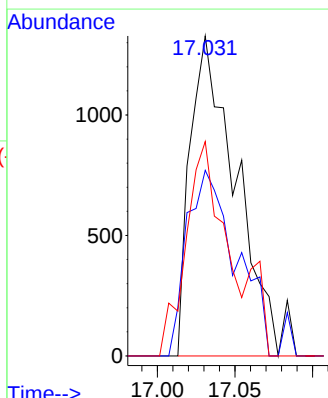
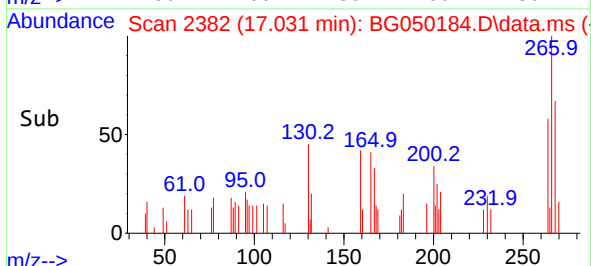
mohammad
9/9/2021 8:40:41 AM

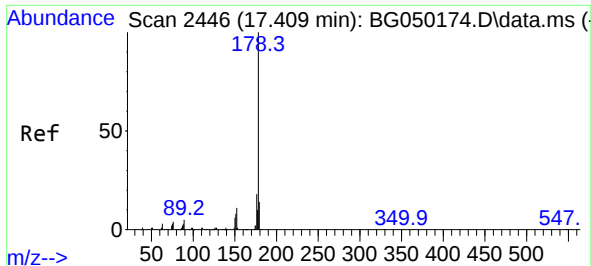


#71
Pentachlorophenol
Concen: 4.047 ng/ul
RT: 17.031 min Scan# 2382
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32



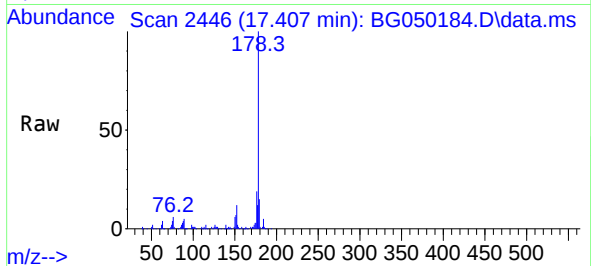
Tgt Ion:266 Resp: 2701
Ion Ratio Lower Upper
266 100
264 58.0 54.1 81.1
268 67.0 52.6 78.8





#72
Phenanthrene
Concen: 15.882 ng/uI
RT: 17.407 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32

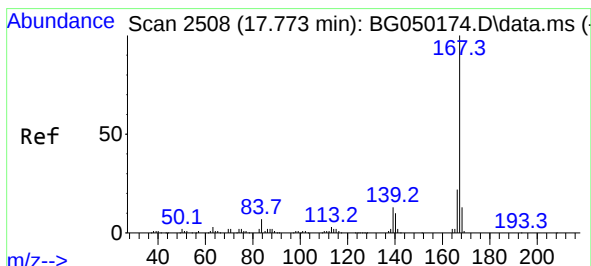
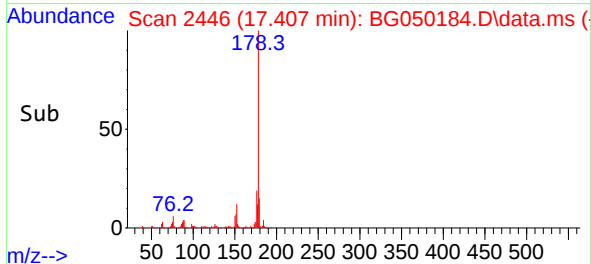
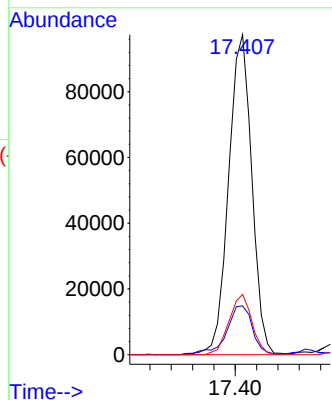
Instrument :
BNA_G
ClientSampleId :
DBKJ8DL



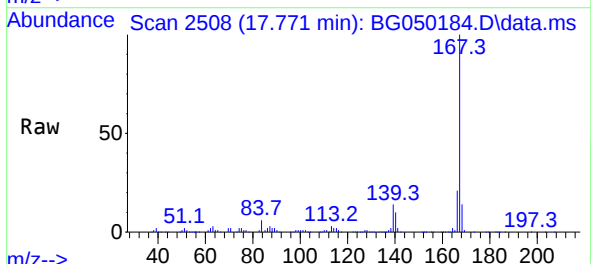
Tgt Ion:178 Resp: 146877
Ion Ratio Lower Upper
178 100
179 15.2 11.7 17.5
176 18.8 16.2 24.2

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#77
Carbazole
Concen: 50.723 ng/uI
RT: 17.771 min Scan# 2508
Delta R.T. -0.007 min
Lab File: BG050184.D
Acq: 8 Sep 2021 3:32



Tgt Ion:167 Resp: 419336
Ion Ratio Lower Upper
167 100
166 21.4 17.8 26.8
139 13.6 11.1 16.7

