

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
 Data File : BG050227.D
 Acq On : 9 Sep 2021 11:13
 Operator : CG/JU
 Sample : M3608-22
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKL6

Manual Integrations
 APPROVED

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Quant Time: Sep 09 13:20:20 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	46052	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	175871	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	113499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.371	188	231878	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.636	240	250765	20.000	ng/ul	0.00
88) Perylene-d12	24.855	264	262192	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	3061	3.286	ng/uL	0.00
4) Pyridine-d5	3.754	84	24516m	7.414	ng/ul	0.02
7) Phenol-d5	7.126	99	64262	17.972	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	146128	69.977	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.479	132	121536	40.955	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	55430	19.716	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	52306	43.330	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	71825	48.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	87791	31.336	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	54751	15.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	322010	37.574	ng/ul	0.00
49) Acenaphthylene-d8	14.305	160	372022	36.456	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	13141	12.708	ng/ul	0.00
60) Fluorene-d10	15.609	176	272674	38.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	66912	47.838	ng/ul	0.00
73) Anthracene-d10	17.471	188	432170	41.517	ng/ul	0.00
81) Pyrene-d10	19.756	212	542336	43.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.632	264	554846	39.976	ng/ul	0.00
Target Compounds					Qvalue	
13) 2-Methylphenol	8.407	108	4620	1.630	ng/ul	82
18) 4-Methylphenol	8.730	108	7741	2.876	ng/ul	98
26) 2,4-Dimethylphenol	9.975	107	37533m	10.892	ng/ul	
30) Naphthalene	10.856	128	6397495	792.035	ng/ul#	67
36) 2-Methylnaphthalene	12.431	142	34925	5.847	ng/ul	95
37) 1-Methylnaphthalene	12.660	142	1244271	216.945	ng/ul	100
42) 2,4,5-Trichlorophenol	13.136	196	14253	6.288	ng/ul	97
43) 1,1'-Biphenyl	13.441	154	418632	51.092	ng/ul	96
50) Acenaphthylene	14.334	152	85590	8.974	ng/ul#	92
52) Acenaphthene	14.687	153	1319661	194.195	ng/ul	98
56) Dibenzofuran	15.016	168	962563	102.955	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.251	232	299622	174.531	ng/ul#	95
61) Fluorene	15.668	166	675788	86.214	ng/ul	96
71) Pentachlorophenol	17.054	266	2100712	2461.636	ng/ul	97
72) Phenanthrene	17.418	178	741593	62.707	ng/ul	97
74) Anthracene	17.506	178	63600	5.304	ng/ul#	91
77) Carbazole	17.794	167	2681141	253.605	ng/ul#	89
80) Fluoranthene	19.421	202	32307	2.081	ng/ul#	95

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

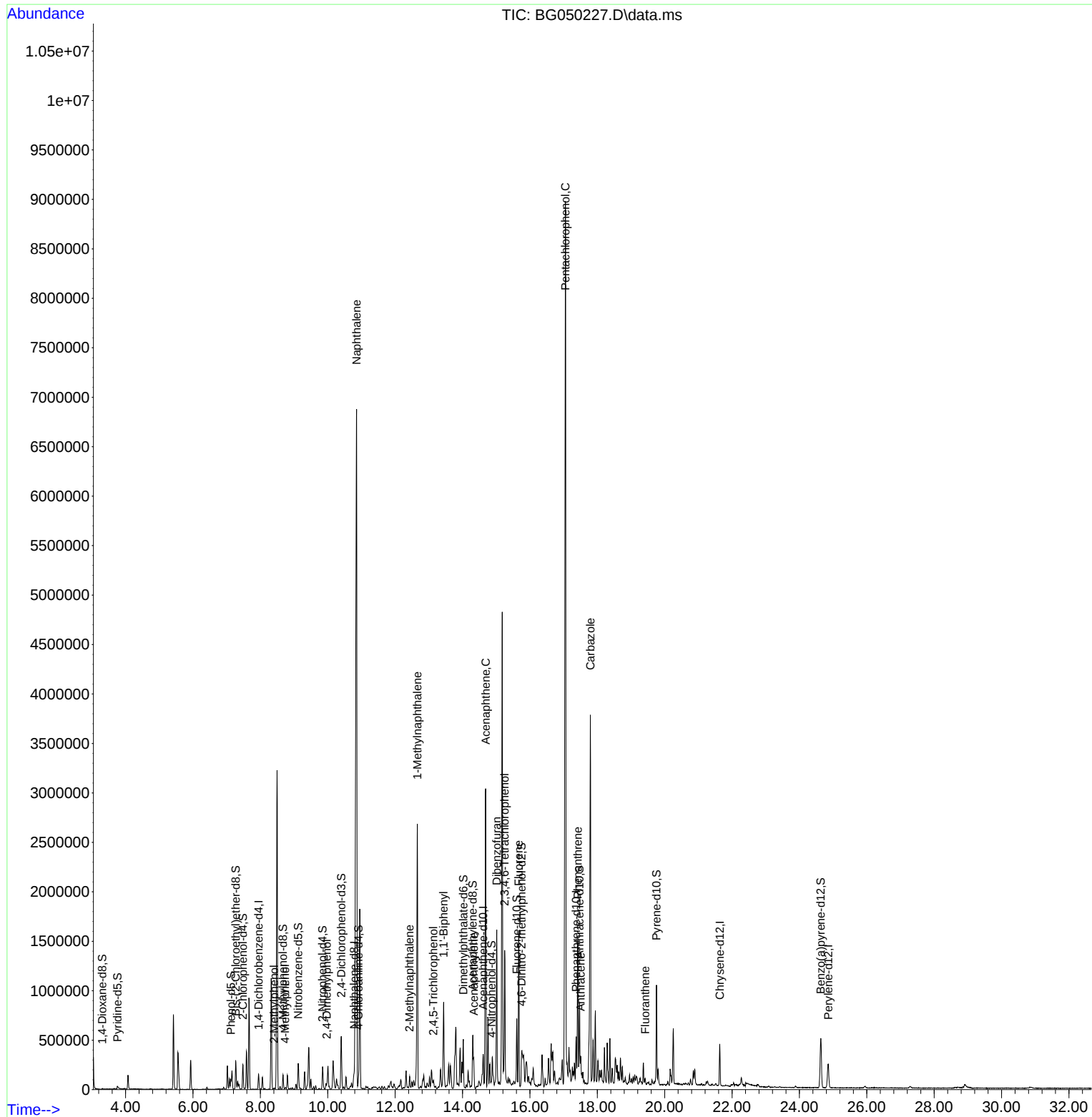
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Data File : BG050227.D
Acq On : 9 Sep 2021 11:13
Operator : CG/JU
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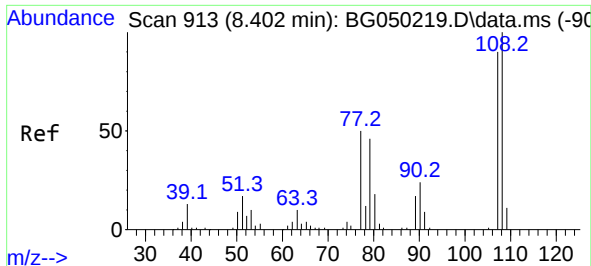
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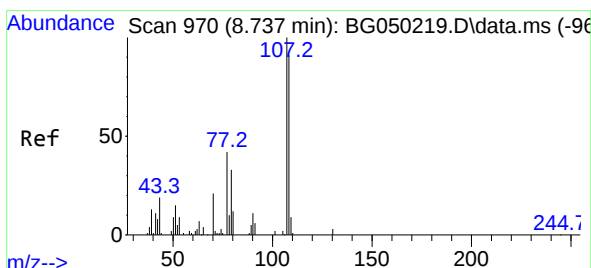
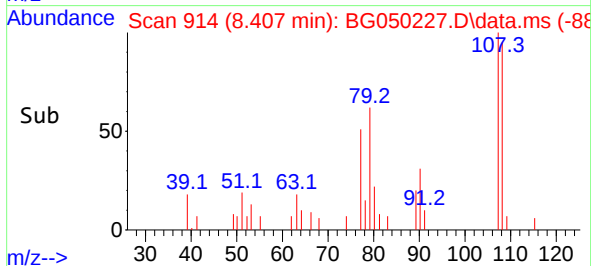
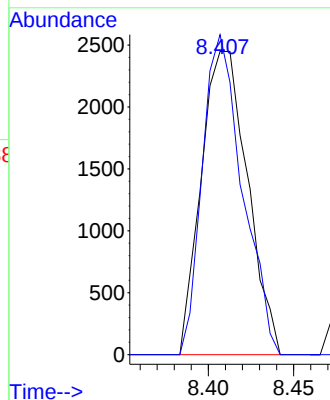
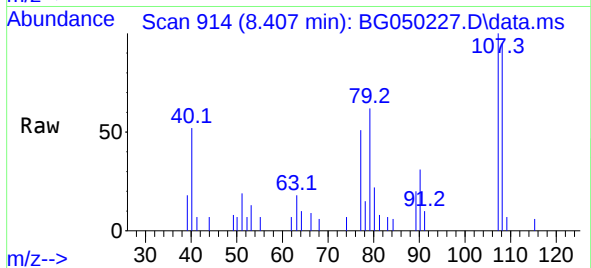
#13
2-Methylphenol
Concen: 1.630 ng/ul
RT: 8.407 min Scan# 914
Delta R.T. -0.008 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Instrument :
BNA_G
ClientSampled :
DBKL6

Tgt Ion:108 Resp: 4620
Ion Ratio Lower Upper
108 100
107 105.5 71.0 106.4

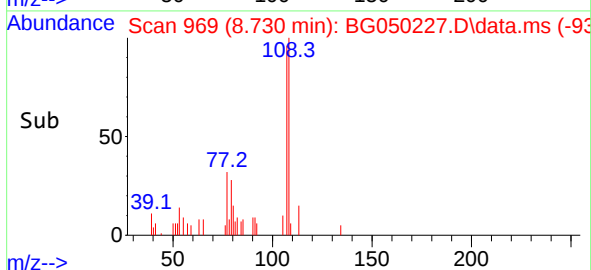
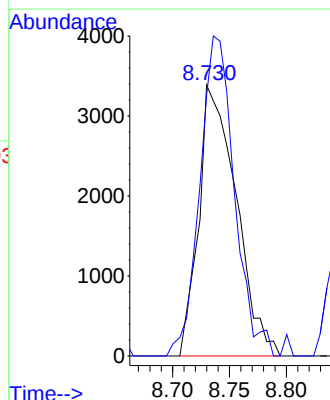
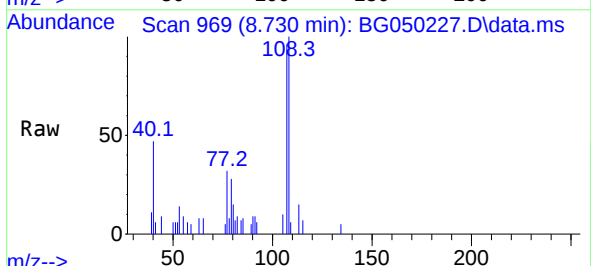
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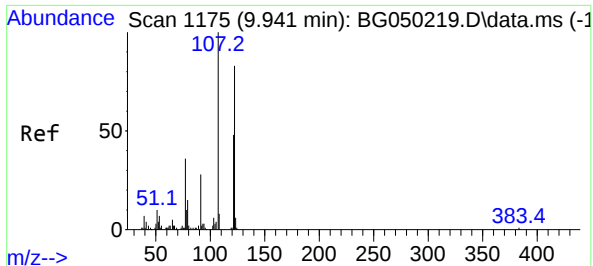
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#18
4-Methylphenol
Concen: 2.876 ng/ul
RT: 8.730 min Scan# 969
Delta R.T. -0.014 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

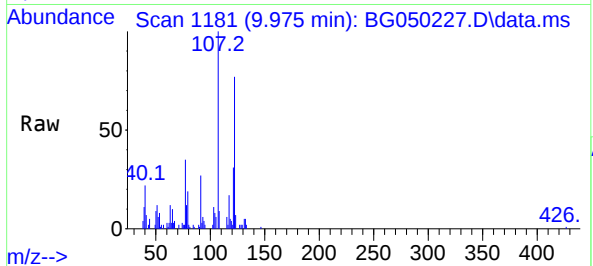
Tgt Ion:108 Resp: 7741
Ion Ratio Lower Upper
108 100
107 96.1 78.3 117.5





#26
2,4-Dimethylphenol
Concen: 10.892 ng/ul m
RT: 9.975 min Scan# 1181
Delta R.T. 0.027 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

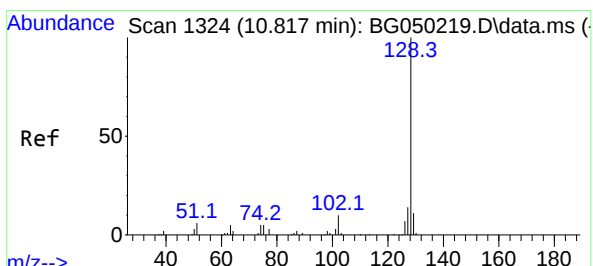
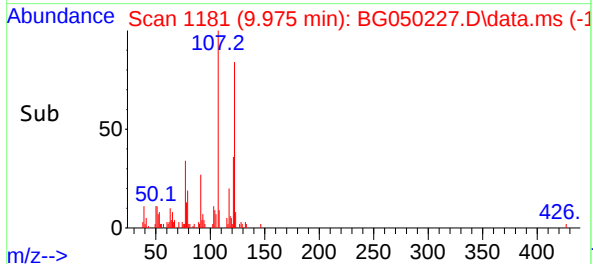
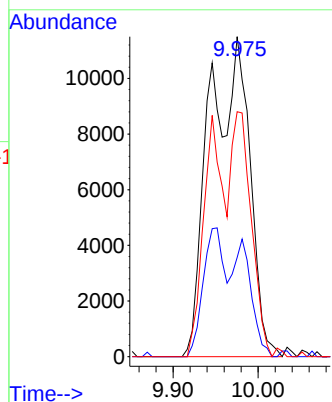
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:107 Resp: 37533
Ion Ratio Lower Upper
107 100
121 31.0 32.7 49.1#
122 76.6 52.6 79.0

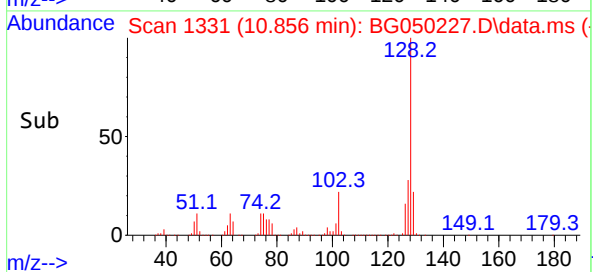
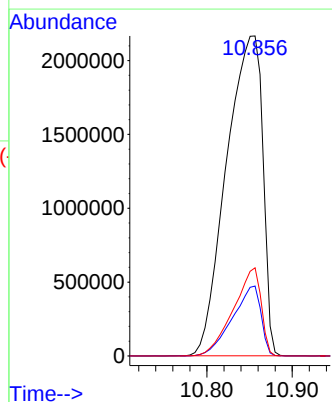
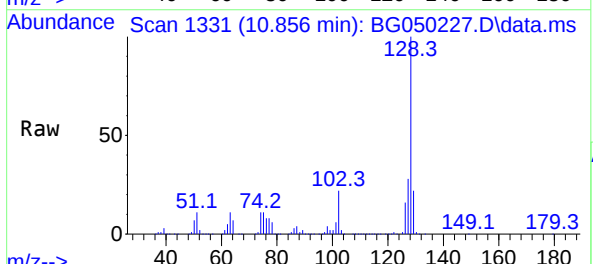
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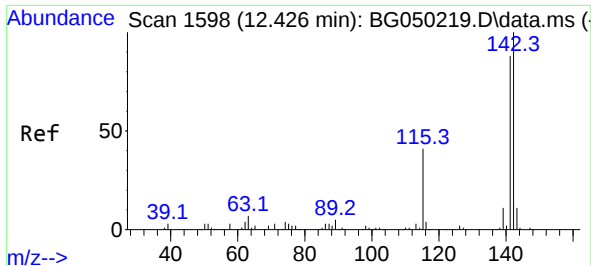
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#30
Naphthalene
Concen: 792.035 ng/ul
RT: 10.856 min Scan# 1331
Delta R.T. 0.033 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion:128 Resp: 6397495
Ion Ratio Lower Upper
128 100
129 21.9 9.3 13.9#
127 27.6 9.8 14.6#





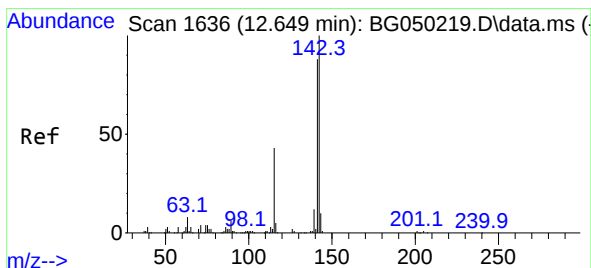
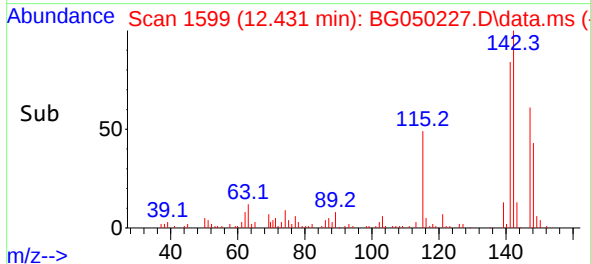
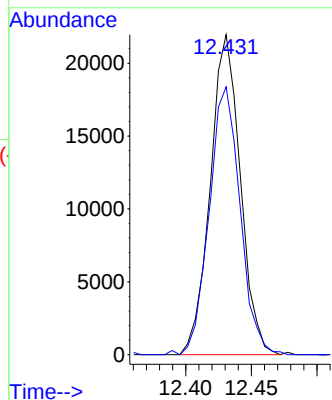
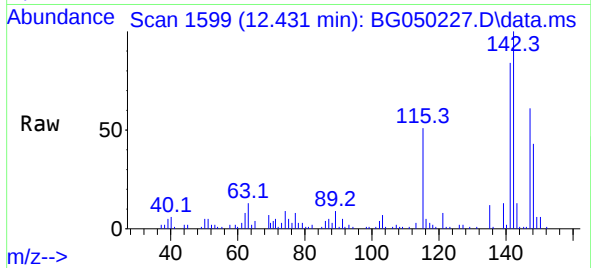
#36
2-Methylnaphthalene
Concen: 5.847 ng/ul
RT: 12.431 min Scan# 1599
Delta R.T. -0.008 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Instrument :
BNA_G
ClientSampled :
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Tgt Ion:142 Resp: 34925
Ion Ratio Lower Upper
142 100
141 83.7 70.5 105.7

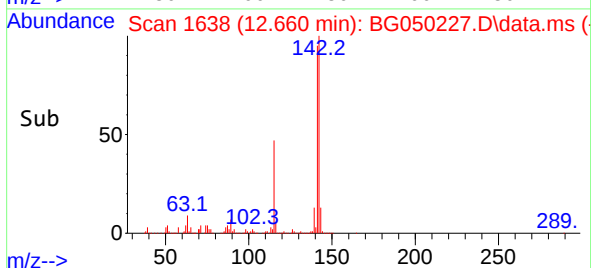
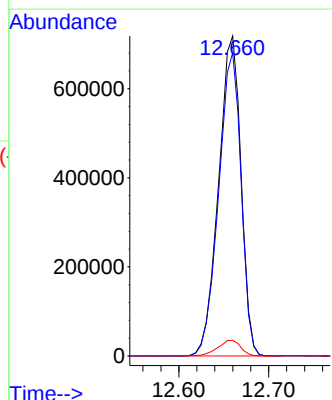
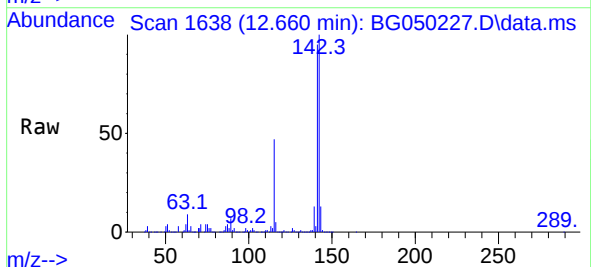
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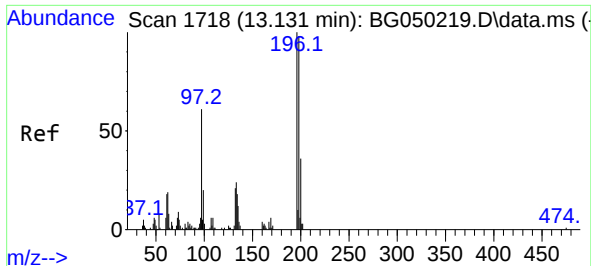
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#37
1-Methylnaphthalene
Concen: 216.945 ng/ul
RT: 12.660 min Scan# 1638
Delta R.T. 0.004 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion:142 Resp: 1244271
Ion Ratio Lower Upper
142 100
141 94.8 75.8 113.8
116 4.9 3.7 5.5





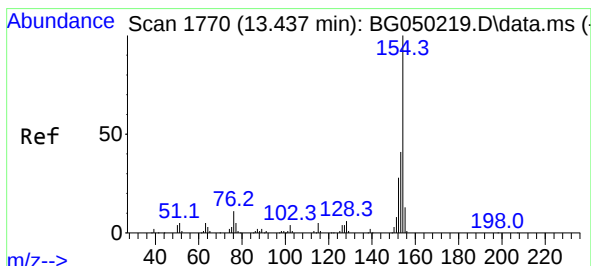
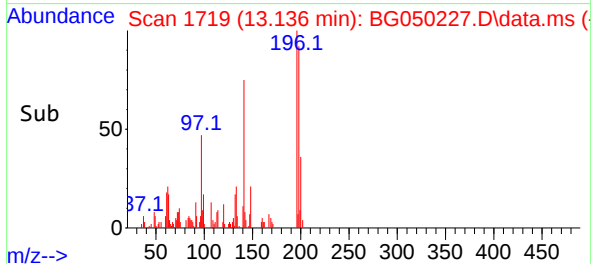
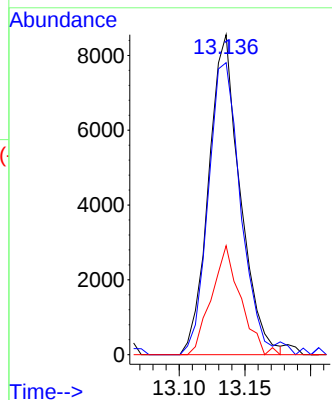
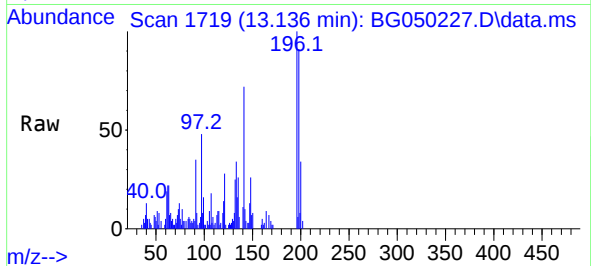
#42
2,4,5-Trichlorophenol
Concen: 6.288 ng/ul
RT: 13.136 min Scan# 1719
Delta R.T. -0.008 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Instrument :
BNA_G
ClientSampled :
DBKL6

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	70.3	105.5
200	34.0	26.6	40.0

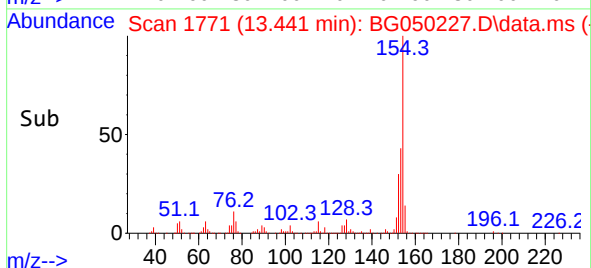
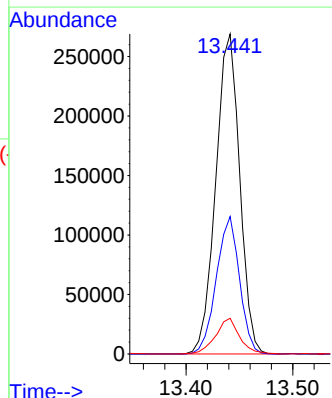
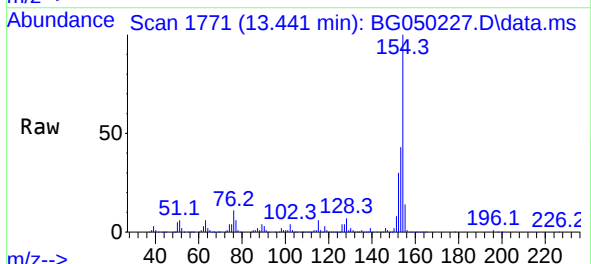
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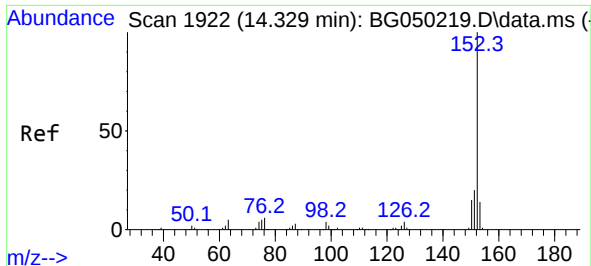
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#43
1,1'-Biphenyl
Concen: 51.092 ng/ul
RT: 13.441 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	32.5	48.7
76	11.2	7.8	11.8





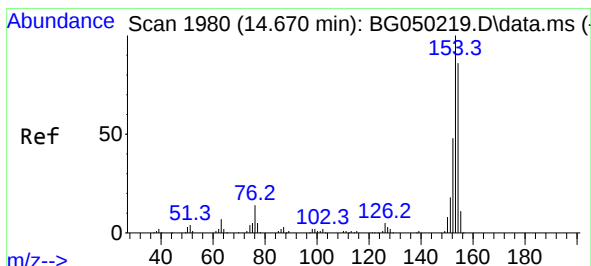
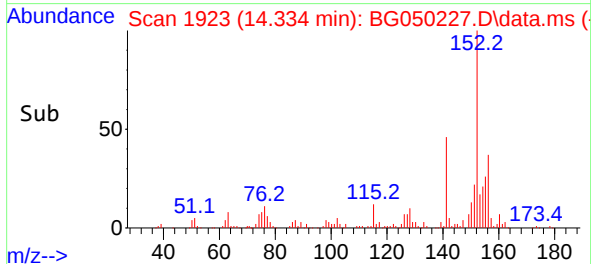
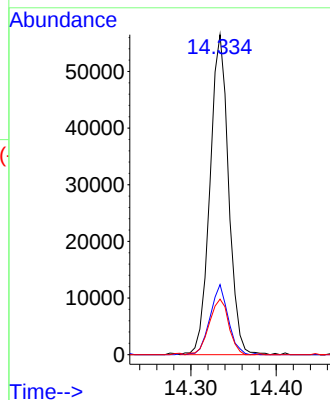
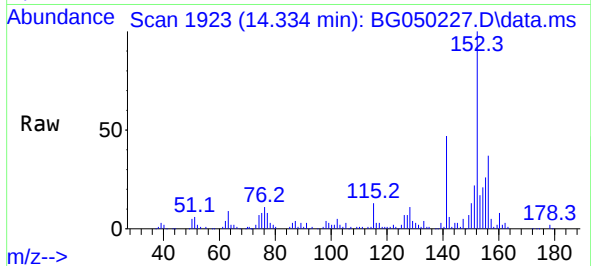
#50
Acenaphthylene
Concen: 8.974 ng/ul
RT: 14.334 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion:152 Resp: 85590
Ion Ratio Lower Upper
152 100
151 21.9 15.2 22.8
153 17.4 10.7 16.1#

Instrument :
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ClientSampleId :
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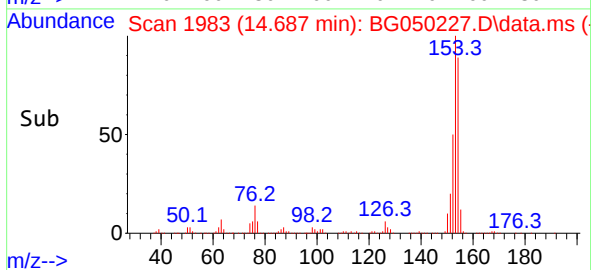
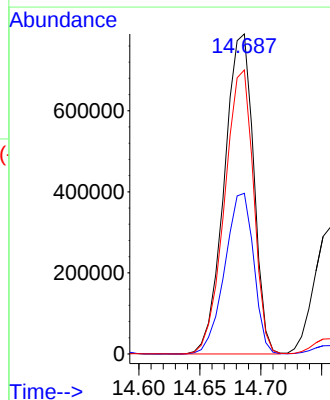
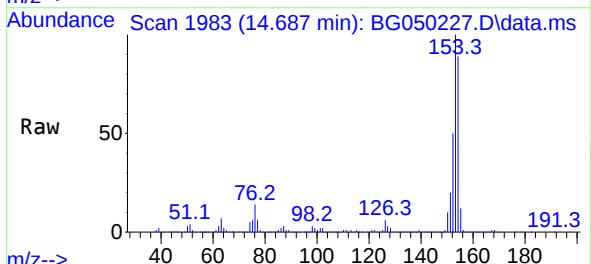
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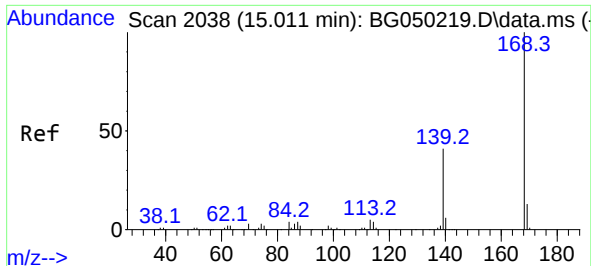
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#52
Acenaphthene
Concen: 194.195 ng/ul
RT: 14.687 min Scan# 1983
Delta R.T. 0.010 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion:153 Resp: 1319661
Ion Ratio Lower Upper
153 100
152 50.2 37.4 56.2
154 88.8 71.5 107.3





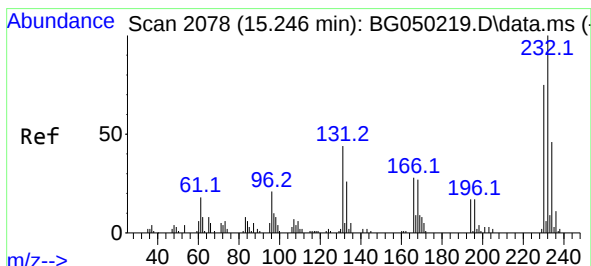
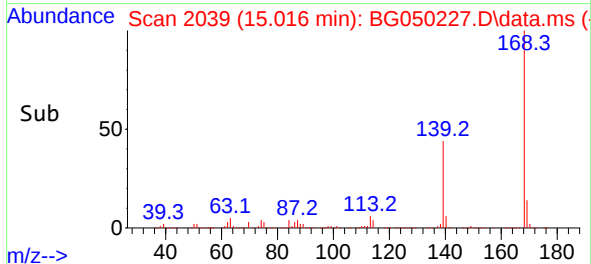
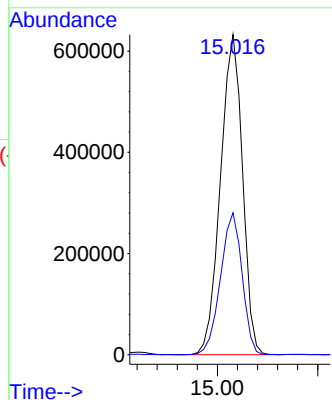
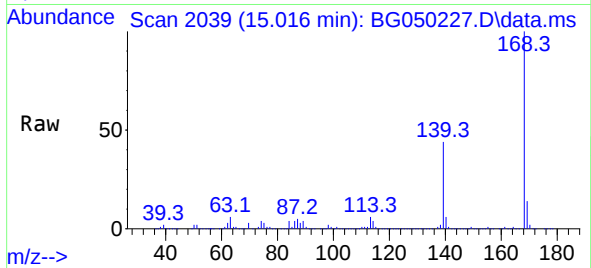
#56
Dibenzofuran
Concen: 102.955 ng/ul
RT: 15.016 min Scan# 2039
Delta R.T. -0.002 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

Tgt Ion:168 Resp: 962563
Ion Ratio Lower Upper
168 100
139 44.4 33.8 50.8

Instrument :
BNA_G
ClientSampleId :
DBKL6

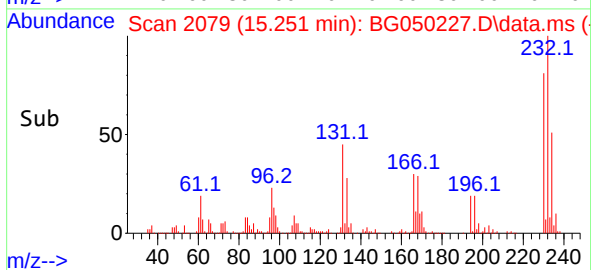
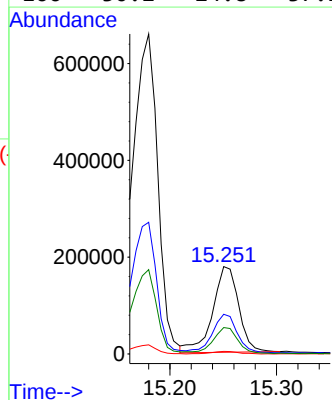
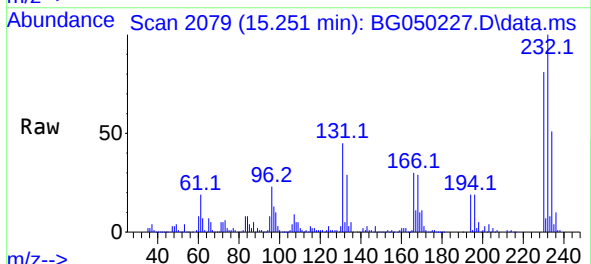
Manual Integrations
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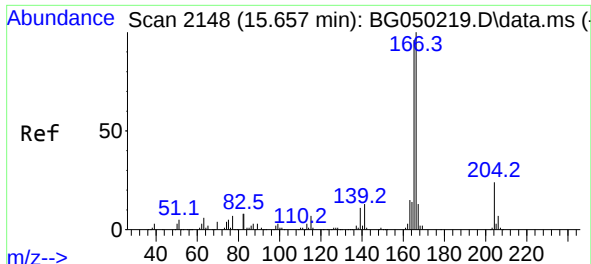
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#58
2,3,4,6-Tetrachlorophenol
Concen: 174.531 ng/ul
RT: 15.251 min Scan# 2079
Delta R.T. -0.002 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

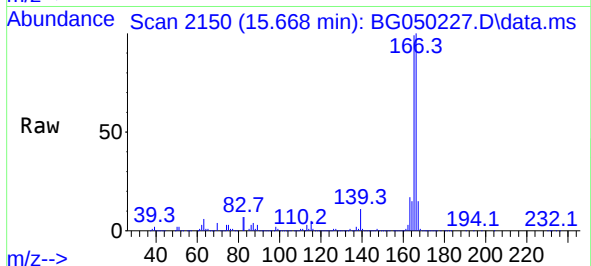
Tgt Ion:232 Resp: 299622
Ion Ratio Lower Upper
232 100
131 45.4 40.0 60.0
130 2.9 1.8 2.8#
166 30.2 24.8 37.2





#61
Fluorene
Concen: 86.214 ng/ul
RT: 15.668 min Scan# 2150
Delta R.T. 0.004 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

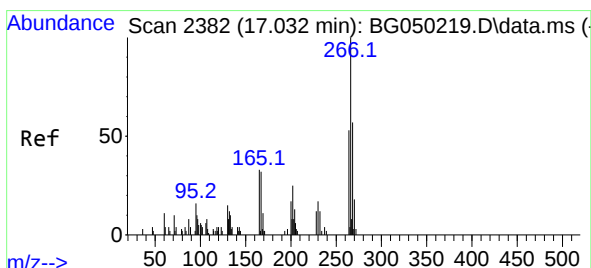
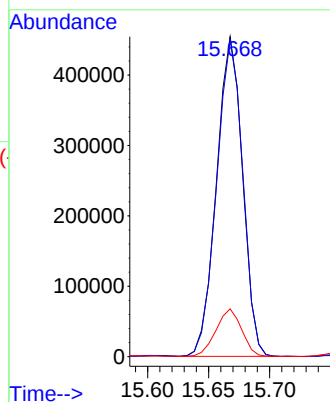
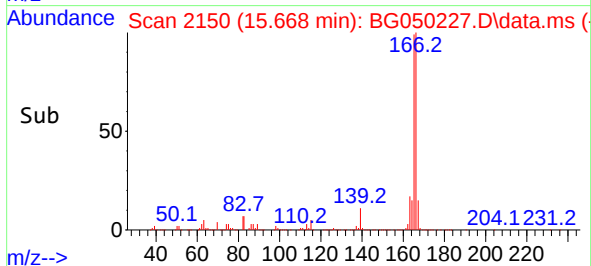
Instrument :
BNA_G
ClientSampleId :
DBKL6



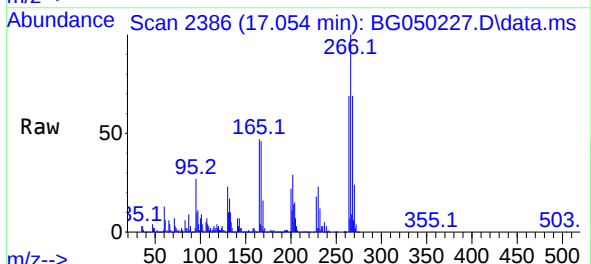
Tgt Ion:166 Resp: 675788
Ion Ratio Lower Upper
166 100
165 99.1 83.3 124.9
167 15.0 11.8 17.6

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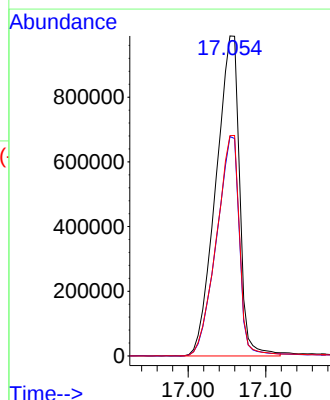
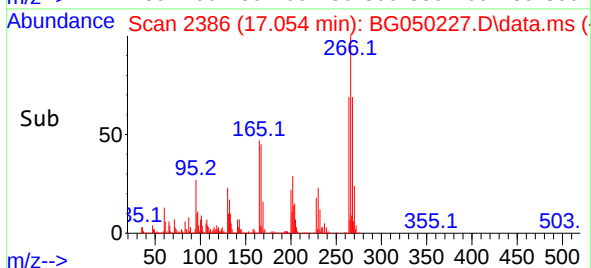
mohammad
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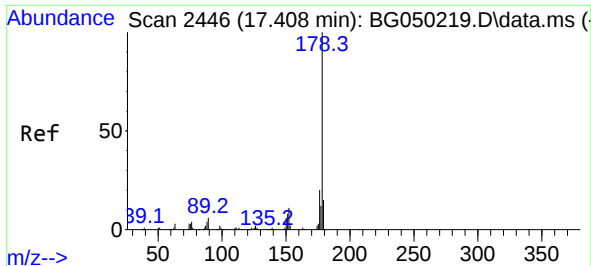


#71
Pentachlorophenol
Concen: 2461.636 ng/ul
RT: 17.054 min Scan# 2386
Delta R.T. 0.016 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13



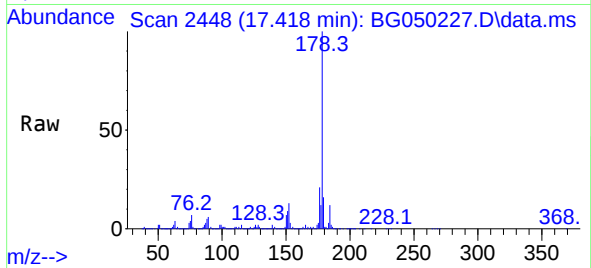
Tgt Ion:266 Resp: 2100712
Ion Ratio Lower Upper
266 100
264 68.5 54.1 81.1
268 68.9 52.6 78.8





#72
Phenanthrene
Concen: 62.707 ng/ul
RT: 17.418 min Scan# 2448
Delta R.T. 0.004 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

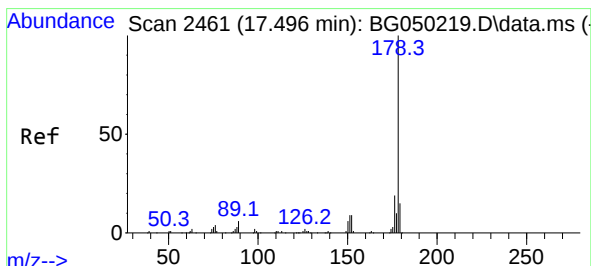
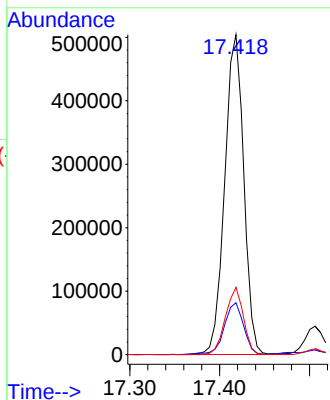
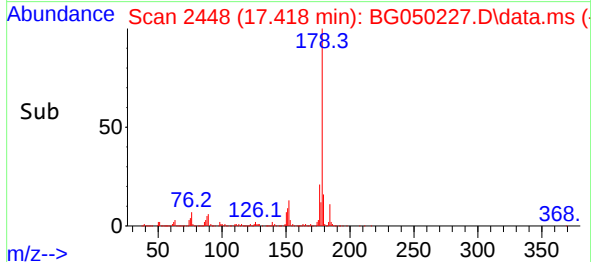
Instrument :
BNA_G
ClientSampleId :
DBKL6



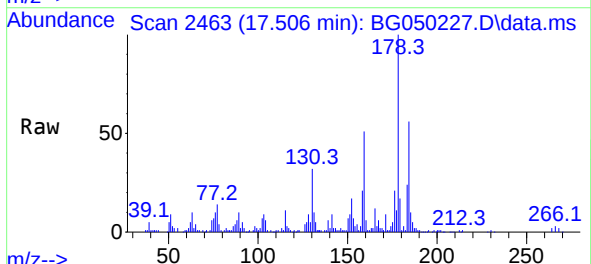
Tgt Ion:178 Resp: 741593
Ion Ratio Lower Upper
178 100
179 16.3 11.7 17.5
176 21.1 16.2 24.2

Manual Integrations
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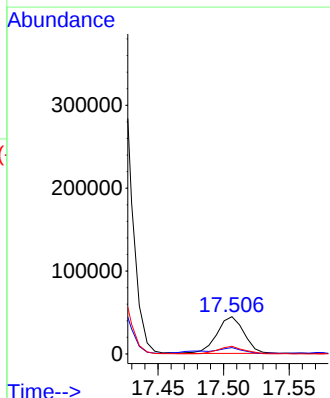
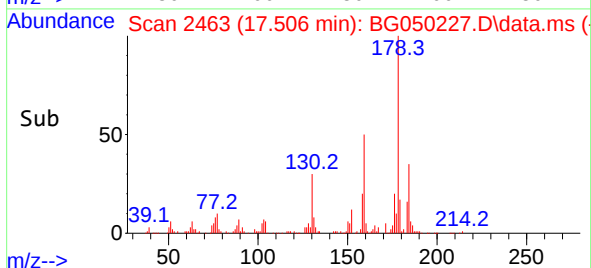
mohammad
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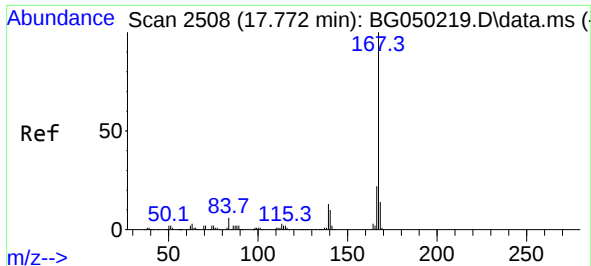


#74
Anthracene
Concen: 5.304 ng/ul
RT: 17.506 min Scan# 2463
Delta R.T. 0.004 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13



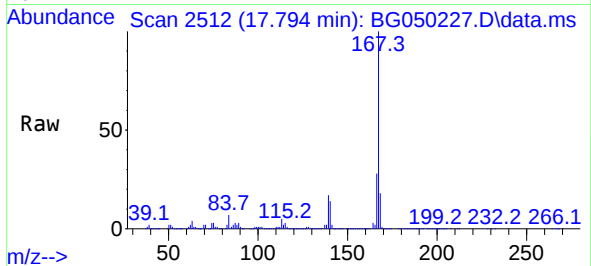
Tgt Ion:178 Resp: 63600
Ion Ratio Lower Upper
178 100
179 17.0 11.4 17.0
176 20.5 12.8 19.2#





#77
Carbazole
Concen: 253.605 ng/uI
RT: 17.794 min Scan# 2512
Delta R.T. 0.016 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13

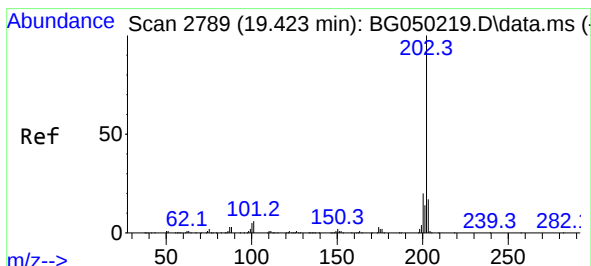
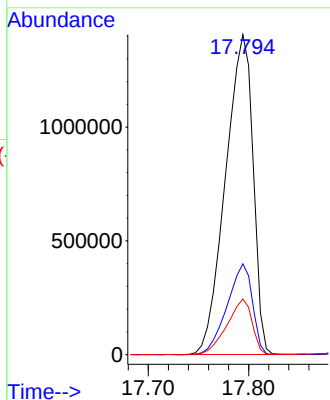
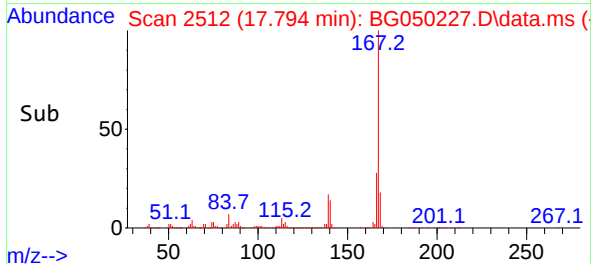
Instrument :
BNA_G
ClientSampled :
DBKL6



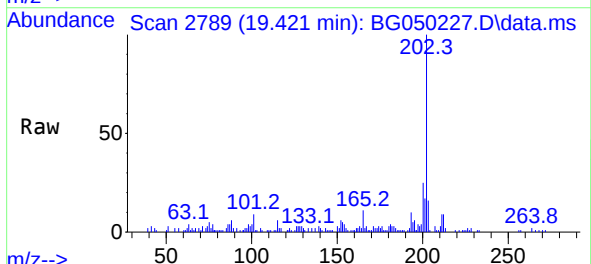
Tgt Ion:167 Resp: 2681141
Ion Ratio Lower Upper
167 100
166 28.4 17.8 26.8#
139 17.4 11.1 16.7#

Manual Integrations
APPROVED

mohammad
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#80
Fluoranthene
Concen: 2.081 ng/uI
RT: 19.421 min Scan# 2789
Delta R.T. -0.008 min
Lab File: BG050227.D
Acq: 9 Sep 2021 11:13



Tgt Ion:202 Resp: 32307
Ion Ratio Lower Upper
202 100
101 8.5 4.3 6.5#
100 4.4 3.5 5.3

