

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050440.D
 Acq On : 5 Oct 2021 10:47
 Operator : CG/JU
 Sample : M3879-11MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW411MS

Manual Integrations
 APPROVED

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 10/8/2021 8:31:08 AM

Quant Time: Oct 05 11:25:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	64285	20.00	ng/ul	0.00
20) Naphthalene-d8	11.091	136	271765	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.887	164	175772	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.630	188	369120	20.00	ng/ul	0.00
79) Chrysene-d12	21.931	240	332339	20.00	ng/ul	-0.02
88) Perylene-d12	25.351	264	332965	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	2670	1.53	ng/uL	0.00
4) Pyridine-d5	4.064	84	17019	3.26	ng/ul	0.00
7) Phenol-d5	7.395	99	53657	9.55	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.583	67	36476	10.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.789	132	37810	9.61	ng/ul	-0.01
15) 4-Methylphenol-d8	8.958	113	36225	8.52	ng/ul	0.00
21) Nitrobenzene-d5	9.434	128	20519	10.79	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	22682	11.12	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.697	165	38657	9.59	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.214	131	47901	8.32	ng/ul	-0.01
46) Dimethylphthalate-d6	14.276	166	127520	10.60	ng/ul	-0.02
49) Acenaphthylene-d8	14.581	160	156828	10.38	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.045	143	17542	7.57	ng/ul	-0.01
60) Fluorene-d10	15.874	176	111470	10.29	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.979	200	16344	8.88	ng/ul	0.00
73) Anthracene-d10	17.724	188	172581	11.07	ng/ul	-0.01
81) Pyrene-d10	19.998	212	204184	11.55	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.110	264	177214	10.58	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	8410	3.97	ng/uL#	89
5) Pyridine	4.082	79	39236	7.43	ng/ul	97
6) Benzaldehyde	7.401	77	49900	13.47	ng/ul	97
8) Phenol	7.425	94	74276	12.90	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	54644	12.65	ng/ul	98
12) 2-Chlorophenol	7.824	128	49029	12.18	ng/ul	97
13) 2-Methylphenol	8.694	108	50193	11.83	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.788	45	89944	13.88	ng/ul	97
16) Acetophenone	9.093	105	86714	12.84	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.070	70	53106	13.08	ng/ul	95
18) 4-Methylphenol	9.023	108	54504	12.13	ng/ul	95
19) Hexachloroethane	9.364	117	21654	12.51	ng/ul	93
22) Nitrobenzene	9.481	77	74775	13.12	ng/ul	97
23) Isophorone	9.998	82	136963	12.51	ng/ul	98
25) 2-Nitrophenol	10.192	139	27247	12.99	ng/ul	95
26) 2,4-Dimethylphenol	10.233	107	38455	7.39	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.480	93	74555	12.61	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	47593	11.93	ng/ul	97
30) Naphthalene	11.144	128	166380	11.92	ng/ul#	96
32) 4-Chloroaniline	11.244	127	65618	11.32	ng/ul	98
33) Hexachlorobutadiene	11.420	225	32925	11.36	ng/ul	99
34) Caprolactam	11.990	113	15322	9.94	ng/ul	88
35) 4-Chloro-3-methylphenol	12.337	107	58375	12.41	ng/ul	98
36) 2-Methylnaphthalene	12.730	142	121429	12.80	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	116218	12.17	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.089	216	63862	12.59	ng/ul#	94
40) Hexachlorocyclopentadiene	13.065	237	21332	6.34	ng/ul	95
41) 2,4,6-Trichlorophenol	13.318	196	41189	12.88	ng/ul	92
42) 2,4,5-Trichlorophenol	13.388	196	46710	13.36	ng/ul	97
43) 1,1'-Biphenyl	13.723	154	154310	13.05	ng/ul	99
44) 2-Chloronaphthalene	13.770	162	119088	12.85	ng/ul	97
45) 2-Nitroaniline	13.964	65	46101	15.19	ng/ul	90
47) Dimethylphthalate	14.323	163	155799	12.87	ng/ul	100
48) 2,6-Dinitrotoluene	14.446	165	31377	13.78	ng/ul	97
50) Acenaphthylene	14.610	152	184768	12.06	ng/ul	99
51) 3-Nitroaniline	14.775	138	32108	12.96	ng/ul	92
52) Acenaphthene	14.951	153	131420	12.98	ng/ul	96
53) 2,4-Dinitrophenol	14.981	184	14455	10.19	ng/ul	91
55) 4-Nitrophenol	15.063	109	27842	12.15	ng/ul	97
56) Dibenzofuran	15.280	168	184788	12.55	ng/ul	94
57) 2,4-Dinitrotoluene	15.227	165	45170	13.66	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.498	232	38243	12.72	ng/ul#	93
59) Diethylphthalate	15.680	149	164685	13.04	ng/ul	98
61) Fluorene	15.927	166	149085	12.72	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.915	204	77065	12.14	ng/ul	96
63) 4-Nitroaniline	15.938	138	33245	13.29	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.991	198	22111	12.15	ng/ul	98
67) N-Nitrosodiphenylamine	16.126	169	131294	14.07	ng/ul	97
68) 4-Bromophenyl-phenylether	16.808	248	47780	13.90	ng/ul	94
69) Hexachlorobenzene	16.925	284	47364	13.09	ng/ul	96
70) Atrazine	17.061	200	52820	13.29	ng/ul	95
71) Pentachlorophenol	17.266	266	25969	10.96	ng/ul	94
72) Phenanthrene	17.672	178	250790	13.61	ng/ul	98
74) Anthracene	17.760	178	245393	13.45	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.694	216	66302	13.62	ng/uL	98
76) Pentachlorobenzene	15.198	250	57960	13.04	ng/uL	96
77) Carbazole	18.024	167	229412	14.05	ng/ul	99
78) Di-n-butylphthalate	18.565	149	285472	14.75	ng/ul	99
80) Fluoranthene	19.663	202	314954	14.19	ng/ul	99
82) Pyrene	20.028	202	312468	14.28	ng/ul	99
83) Butylbenzylphthalate	20.897	149	122799	15.22	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.814	252	88987	12.99	ng/ul	98
85) Benzo(a)anthracene	21.908	228	284962	14.22	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.790	149	186633	16.10	ng/ul	100
87) Chrysene	21.978	228	269404	14.03	ng/ul	100
89) Di-n-octyl phthalate	23.071	149	312832	16.35	ng/ul	100
90) Benzo(b)fluoranthene	24.252	252	282091	13.91	ng/ul	98
91) Benzo(k)fluoranthene	24.328	252	273892	14.51	ng/ul	98
93) Benzo(a)pyrene	25.186	252	247395	12.78	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.276	276	303035m	13.95	ng/ul	
95) Dibenzo(a,h)anthracene	29.346	278	256636	13.88	ng/ul	99
96) Benzo(g,h,i)perylene	30.504	276	222465	12.15	ng/ul	97

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

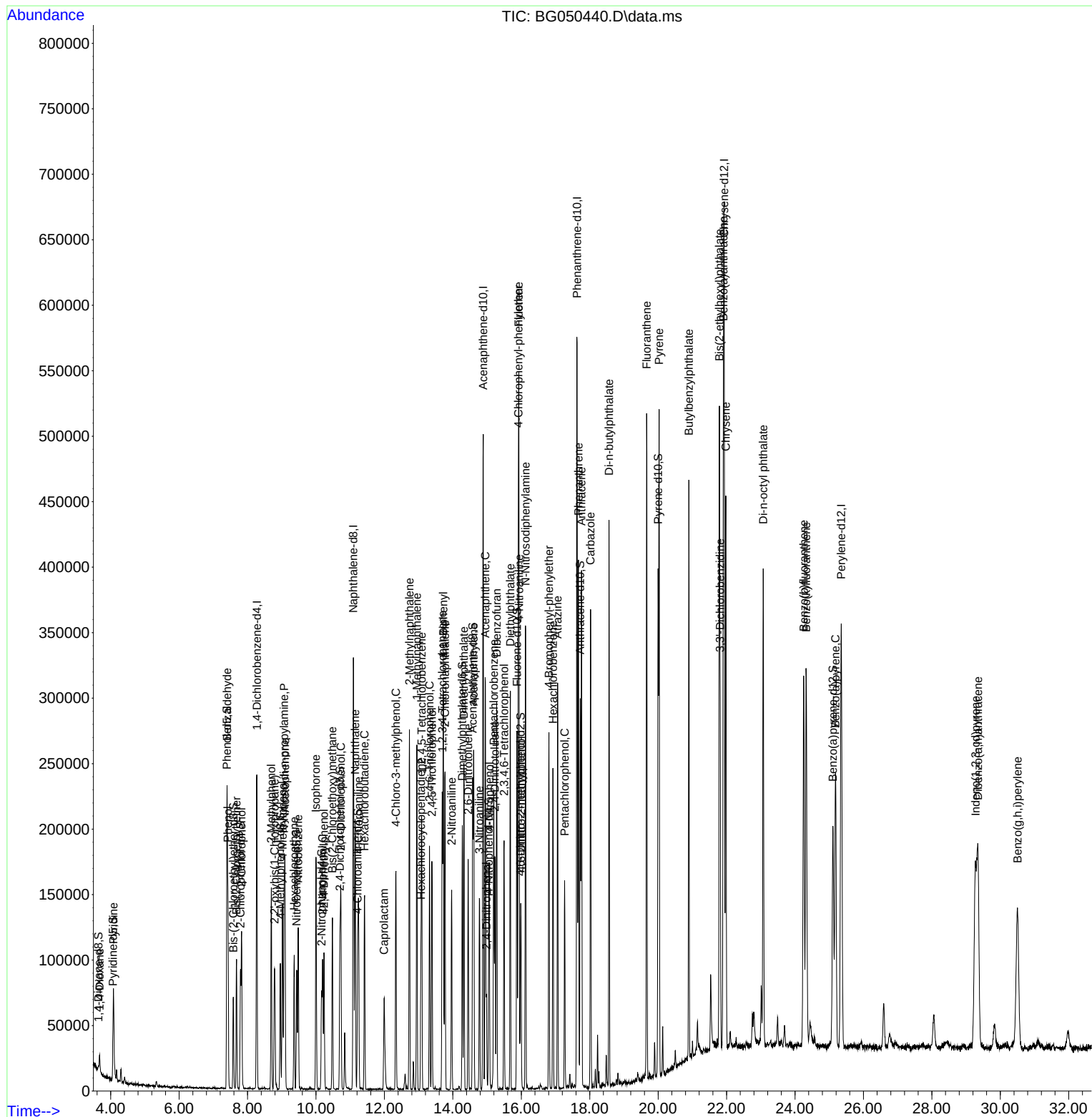
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Sample    : M3879-11MS  
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ALS Vial  : 36 Sample Multiplier: 1
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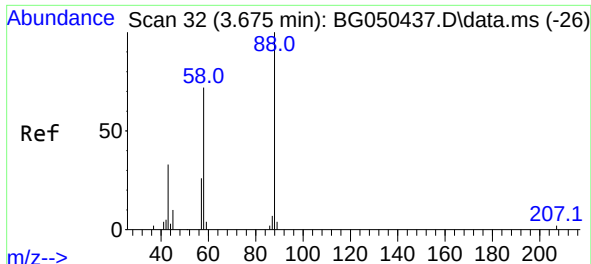
Instrument :
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ClientSampleId :
EW411MS

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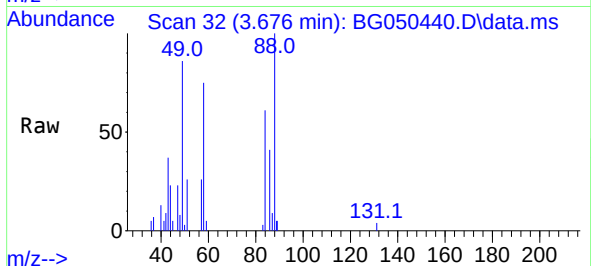
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
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#2
1,4-Dioxane
Concen: 3.97 ng/uL
RT: 3.676 min Scan# 32
Delta R.T. 0.000 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

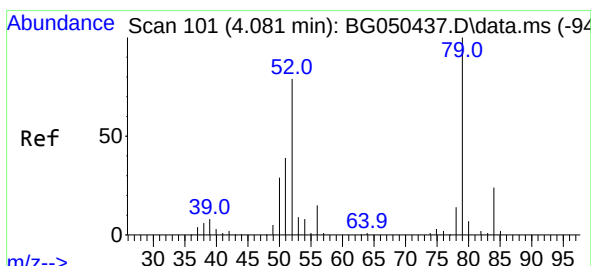
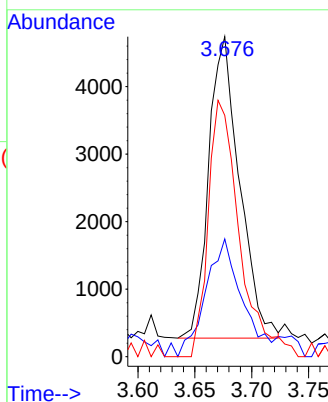
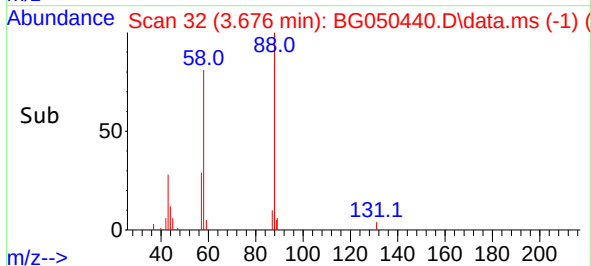
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BNA_G
ClientSampled :
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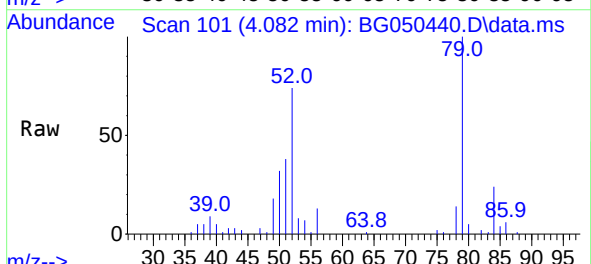
Tgt Ion: 88 Resp: 8410
Ion Ratio Lower Upper
88 100
43 36.8 23.8 35.8#
58 75.4 53.7 80.5

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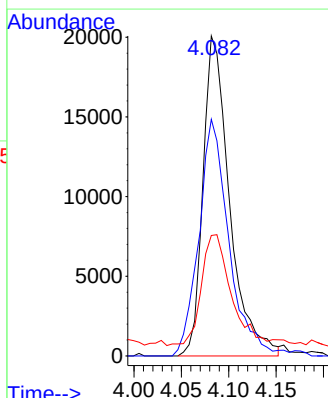
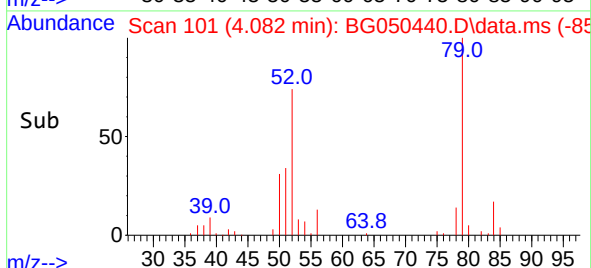
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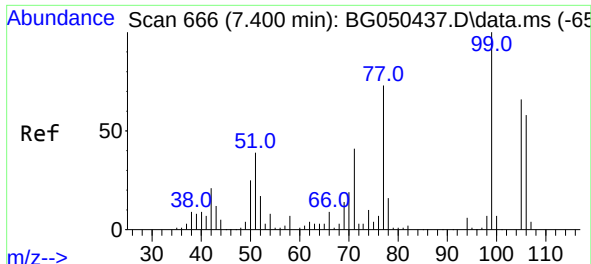


#5
Pyridine
Concen: 7.43 ng/uL
RT: 4.082 min Scan# 101
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

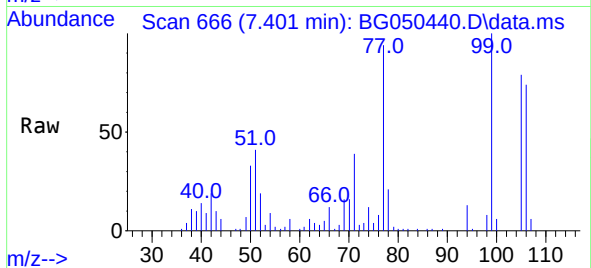


Tgt Ion: 79 Resp: 39236
Ion Ratio Lower Upper
79 100
52 73.9 61.8 92.8
51 37.7 30.6 45.8

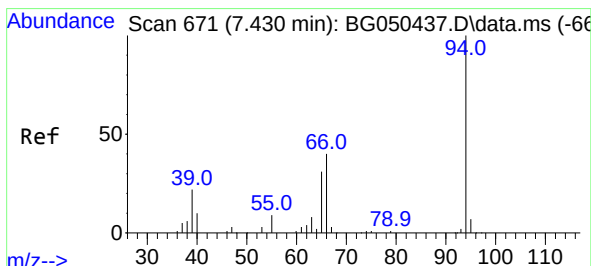
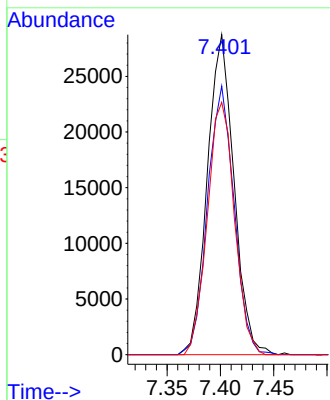
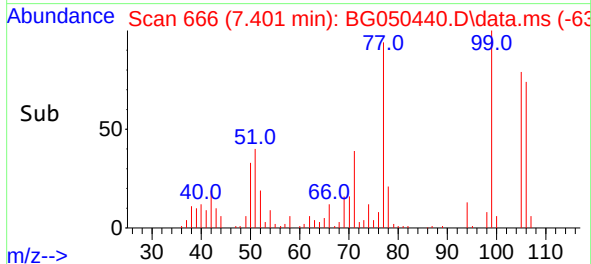




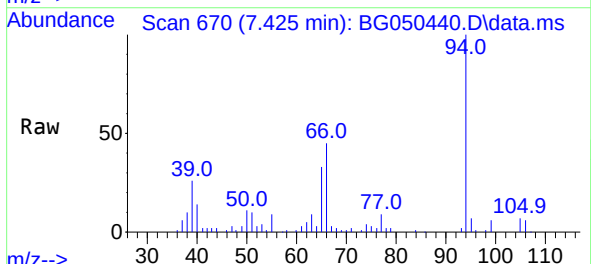
#6
Benzaldehyde
Concen: 13.47 ng/ul
RT: 7.401 min Scan# 666
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



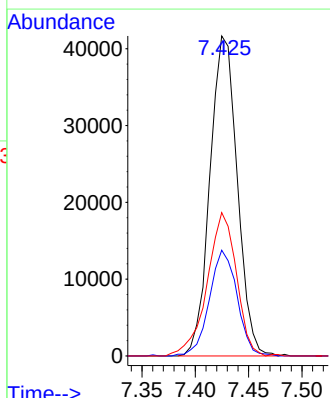
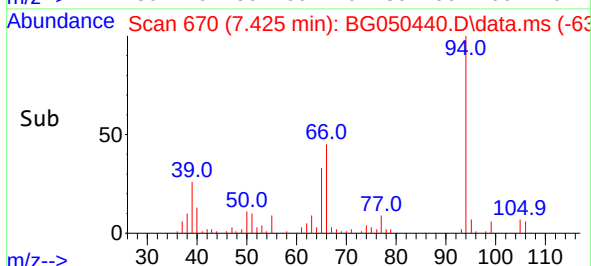
Tgt Ion: 77 Resp: 49900
Ion Ratio Lower Upper
77 100
105 83.9 64.2 96.4
106 78.9 62.1 93.1



#8
Phenol
Concen: 12.90 ng/ul
RT: 7.425 min Scan# 670
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



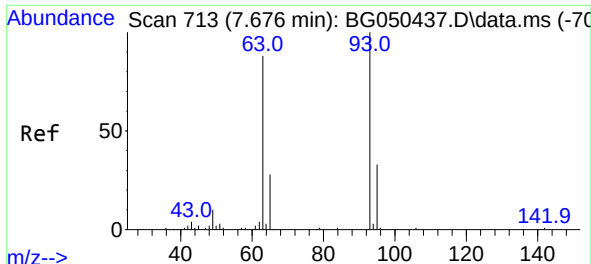
Tgt Ion: 94 Resp: 74276
Ion Ratio Lower Upper
94 100
65 33.1 25.3 37.9
66 44.8 34.9 52.3



Instrument :
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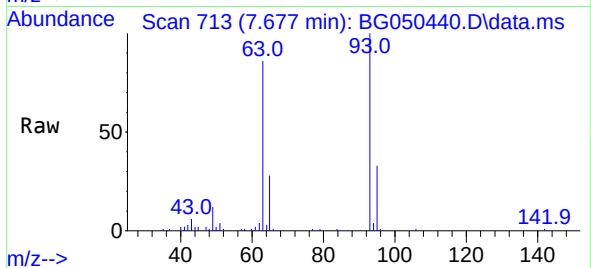
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#10
Bis(2-Chloroethyl)ether
Concen: 12.65 ng/ul
RT: 7.677 min Scan# 713
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampled :
EW411MS

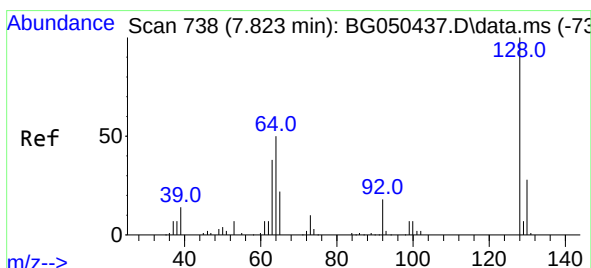
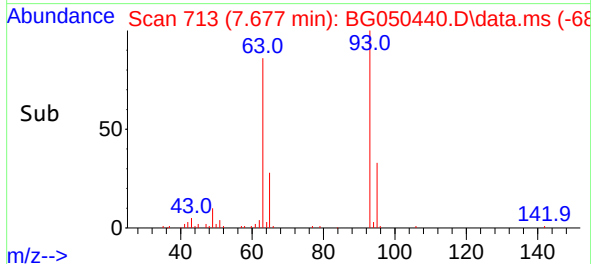
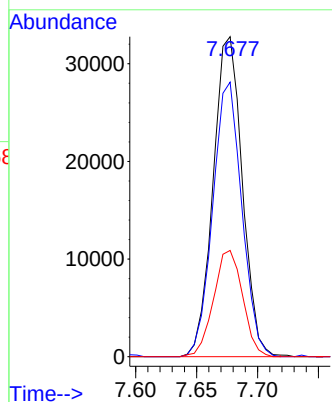


Tgt Ion: 93 Resp: 54644

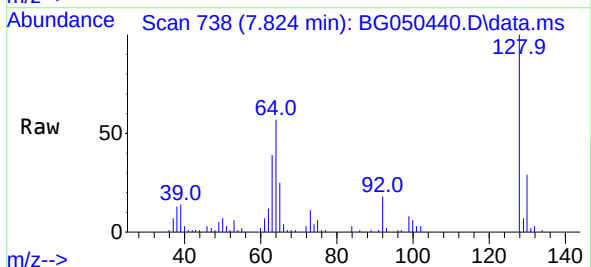
Ion	Ratio	Lower	Upper
93	100		
63	85.8	66.9	100.3
95	33.2	26.1	39.1

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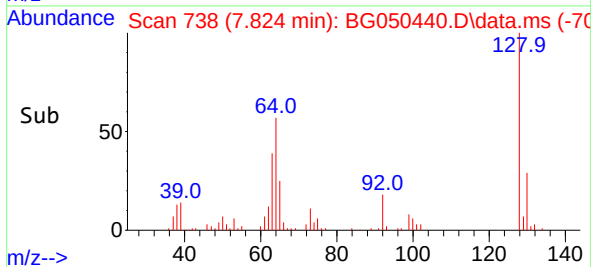
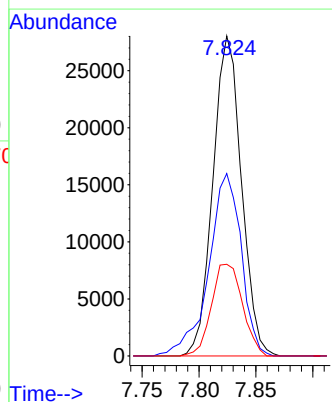


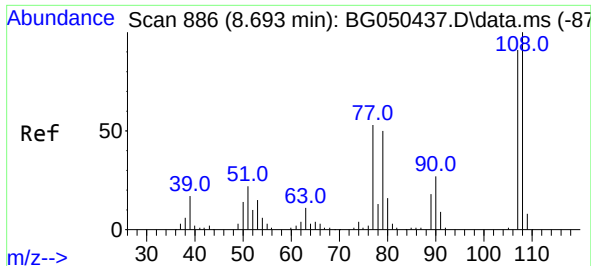
#12
2-Chlorophenol
Concen: 12.18 ng/ul
RT: 7.824 min Scan# 738
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



Tgt Ion: 128 Resp: 49029

Ion	Ratio	Lower	Upper
128	100		
64	57.0	43.2	64.8
130	28.6	22.4	33.6





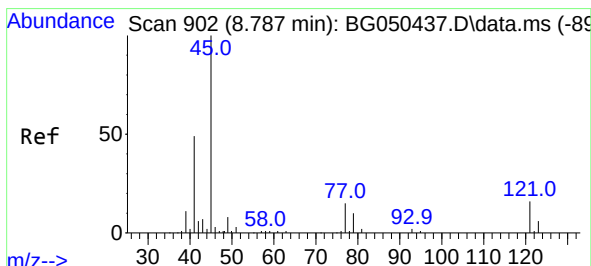
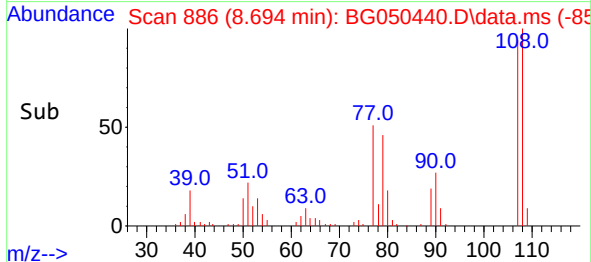
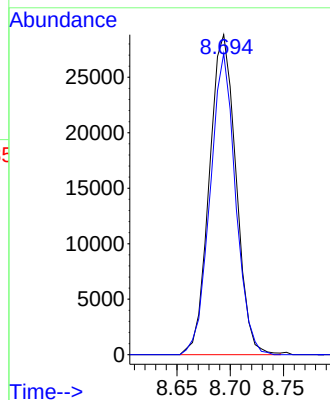
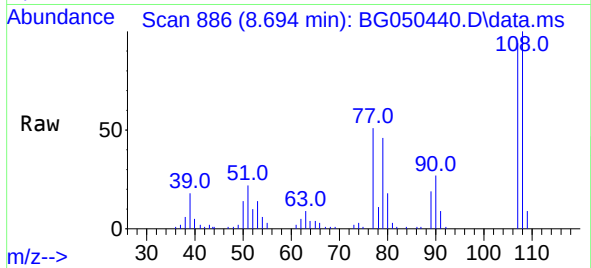
#13
2-Methylphenol
Concen: 11.83 ng/ul
RT: 8.694 min Scan# 886
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampled :
EW411MS

Tgt Ion:108 Resp: 50193
Ion Ratio Lower Upper
108 100
107 94.1 75.5 113.3

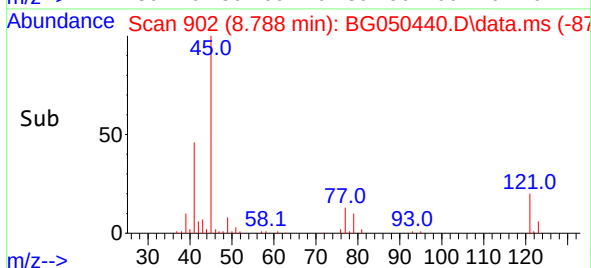
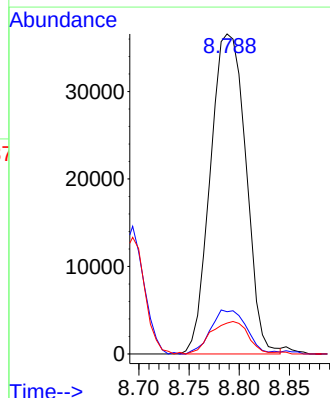
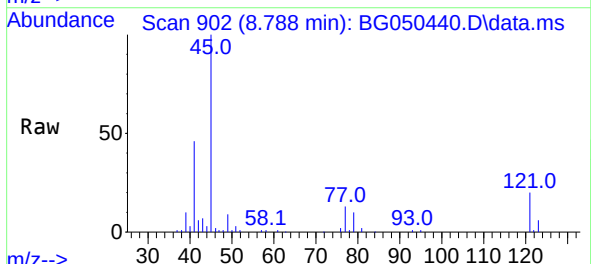
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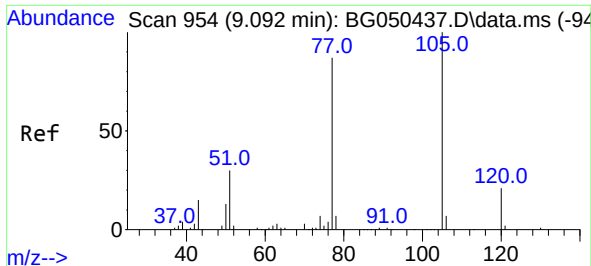
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 13.88 ng/ul
RT: 8.788 min Scan# 902
Delta R.T. -0.011 min
Lab File: BG050440.D
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Tgt Ion: 45 Resp: 89944
Ion Ratio Lower Upper
45 100
77 13.2 11.4 17.2
79 9.7 8.6 13.0





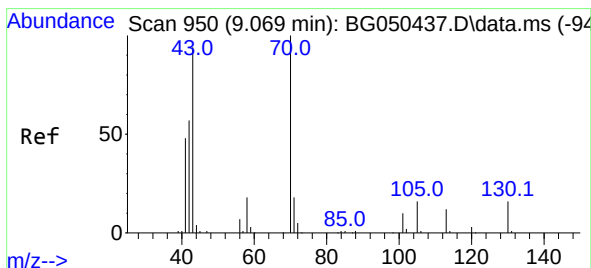
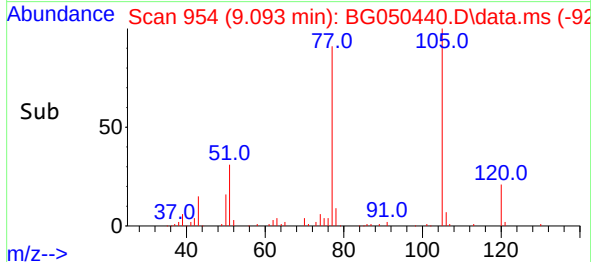
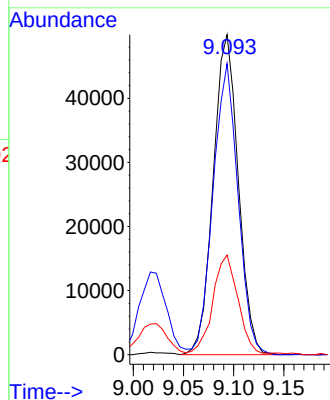
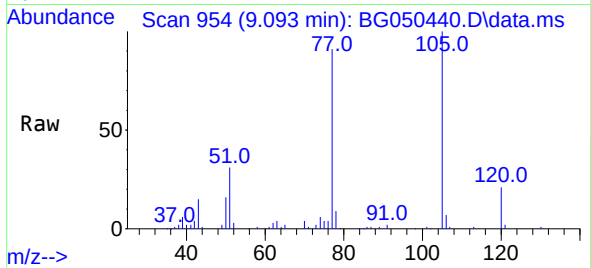
#16
Acetophenone
Concen: 12.84 ng/ul
RT: 9.093 min Scan# 954
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:	105	Resp:	86714
Ion	Ratio	Lower	Upper
105	100		
77	91.0	72.1	108.1
51	31.2	24.6	36.8

Instrument :
BNA_G
ClientSampleId :
EW411MS

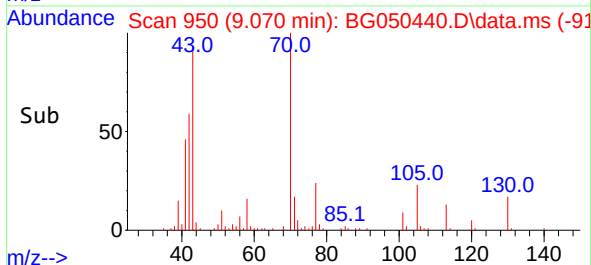
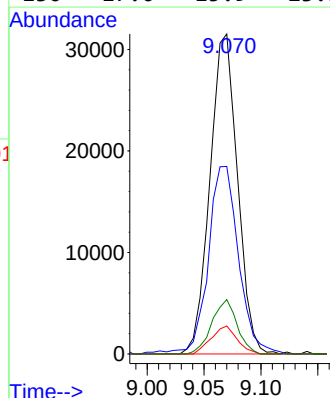
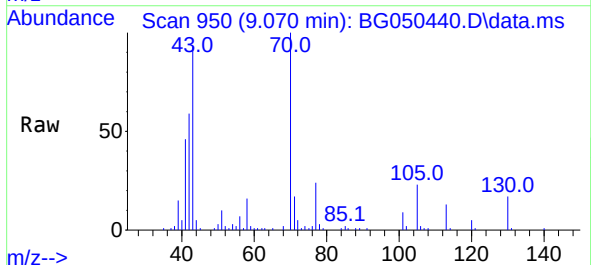
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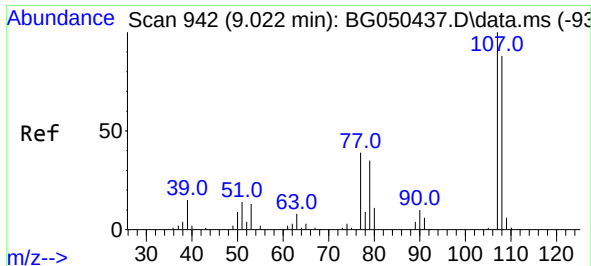
mohammad
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#17
N-Nitroso-di-n-propylamine
Concen: 13.08 ng/ul
RT: 9.070 min Scan# 950
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:	70	Resp:	53106
Ion	Ratio	Lower	Upper
70	100		
42	58.6	50.4	75.6
101	8.7	7.8	11.6
130	17.0	15.9	23.9





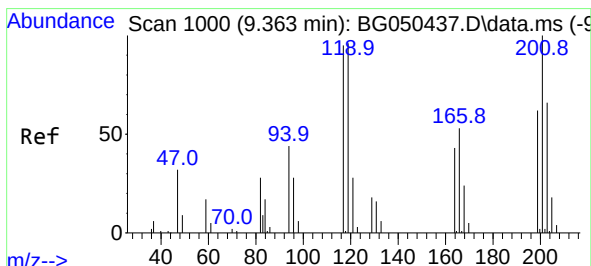
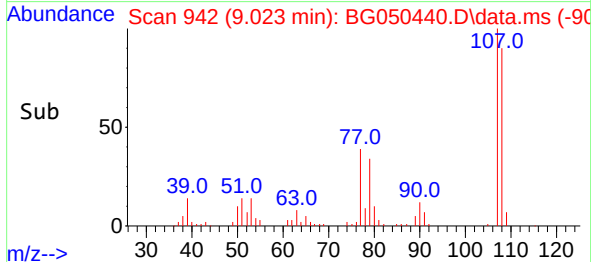
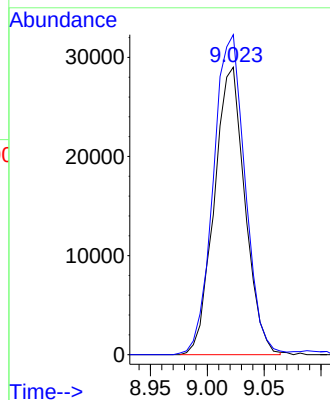
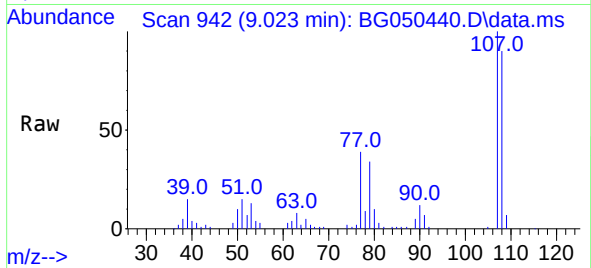
#18
4-Methylphenol
Concen: 12.13 ng/ul
RT: 9.023 min Scan# 942
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampled :
EW411MS

Tgt Ion:108 Resp: 54504
Ion Ratio Lower Upper
108 100
107 111.3 93.8 140.8

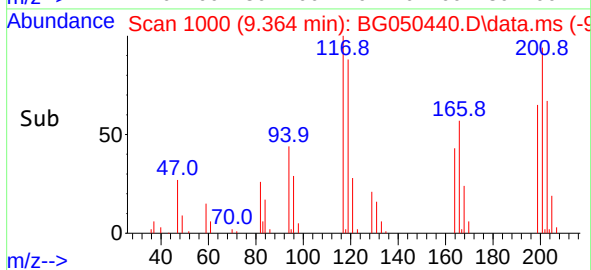
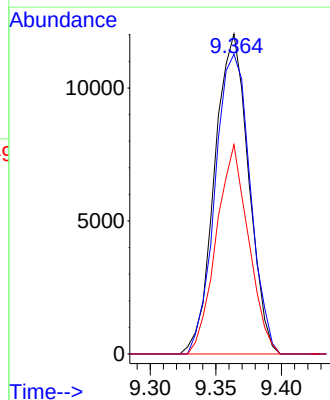
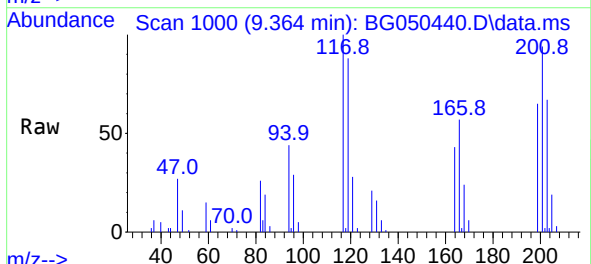
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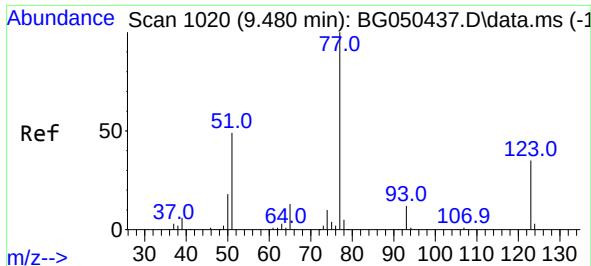
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#19
Hexachloroethane
Concen: 12.51 ng/ul
RT: 9.364 min Scan# 1000
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:117 Resp: 21654
Ion Ratio Lower Upper
117 100
201 93.7 83.0 124.4
199 65.4 53.8 80.6





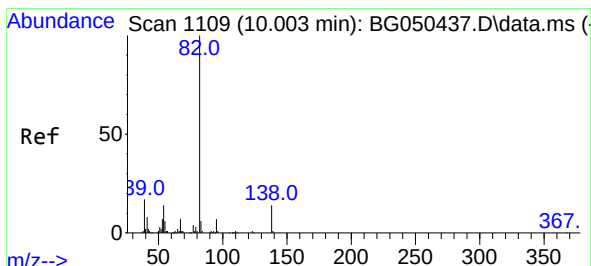
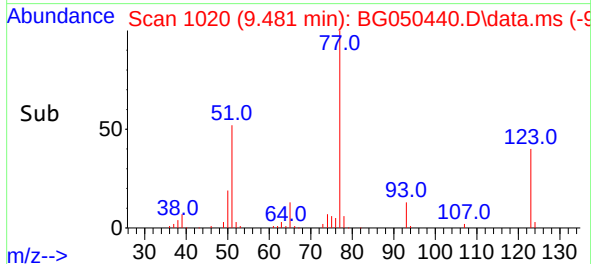
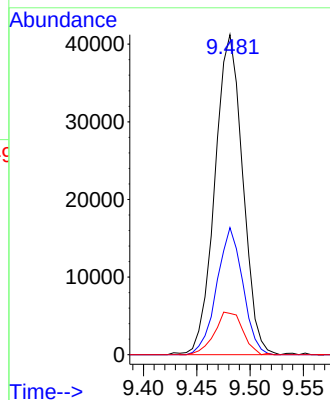
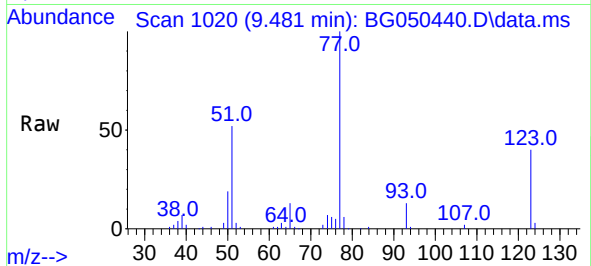
#22
Nitrobenzene
Concen: 13.12 ng/ul
RT: 9.481 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion: 77 Resp: 74775
Ion Ratio Lower Upper
77 100
123 39.7 29.9 44.9
65 12.9 11.0 16.4

Instrument :
BNA_G
ClientSampleId :
EW411MS

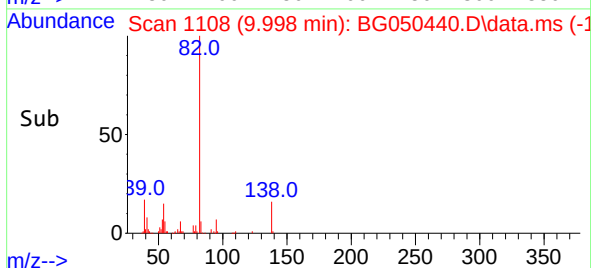
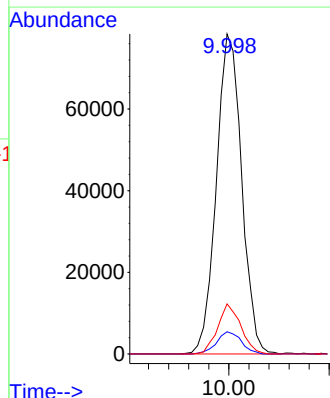
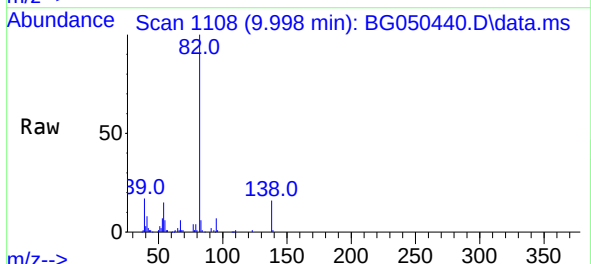
Manual Integrations
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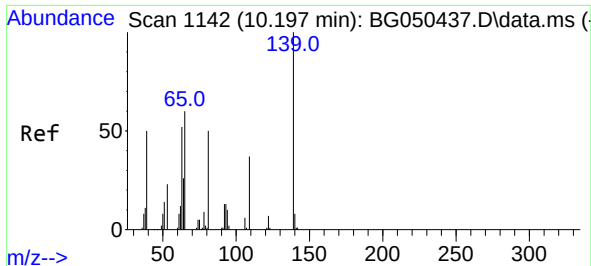
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#23
Isophorone
Concen: 12.51 ng/ul
RT: 9.998 min Scan# 1108
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion: 82 Resp: 136963
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 15.6 11.6 17.4





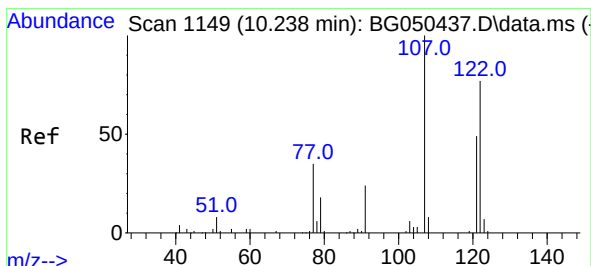
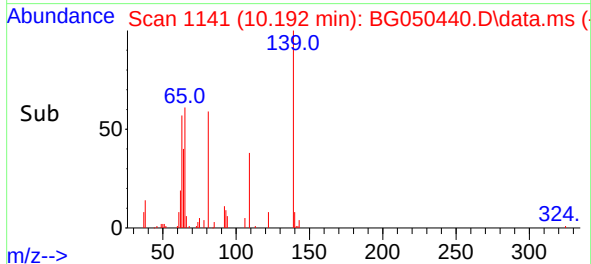
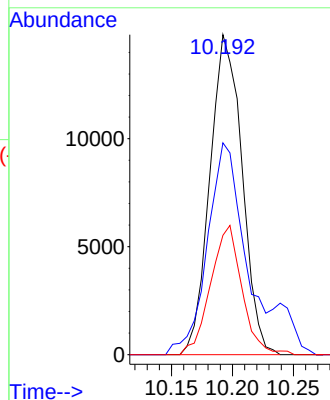
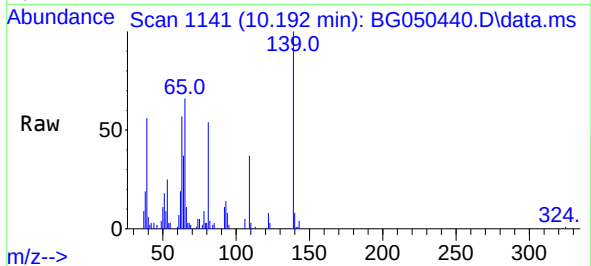
#25
2-Nitrophenol
Concen: 12.99 ng/ul
RT: 10.192 min Scan# 1141
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:	139	Resp:	27247
Ion Ratio	Lower	Upper	
139	100		
65	66.2	49.1	73.7
109	37.3	28.6	42.8

Instrument :
BNA_G
ClientSampleId :
EW411MS

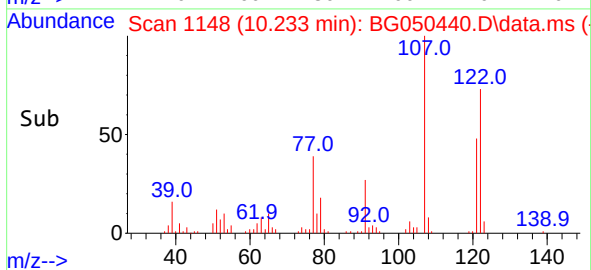
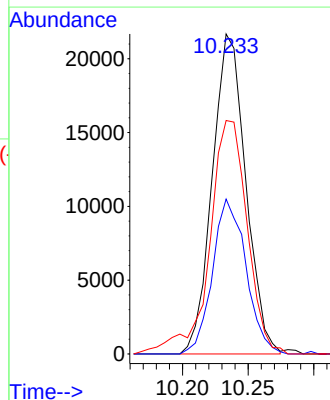
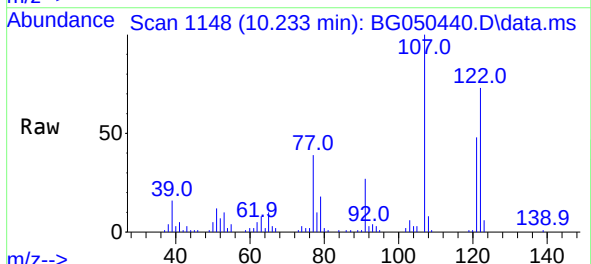
Manual Integrations
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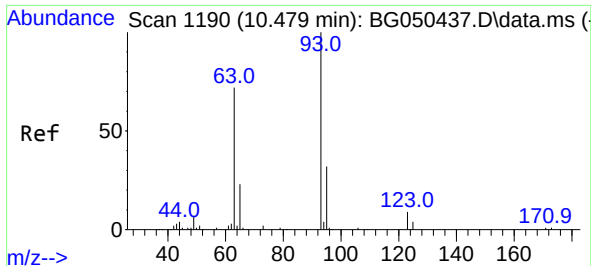
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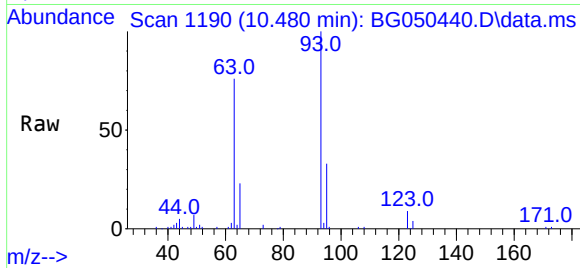
#26
2,4-Dimethylphenol
Concen: 7.39 ng/ul
RT: 10.233 min Scan# 1148
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:	107	Resp:	38455
Ion Ratio	Lower	Upper	
107	100		
121	48.4	39.0	58.6
122	72.9	64.6	97.0





#27
 Bis(2-Chloroethoxy)methane
 Concen: 12.61 ng/ul
 RT: 10.480 min Scan# 1190
 Delta R.T. -0.011 min
 Lab File: BG050440.D
 Acq: 5 Oct 2021 10:47

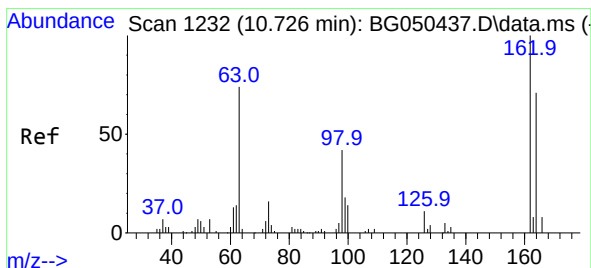
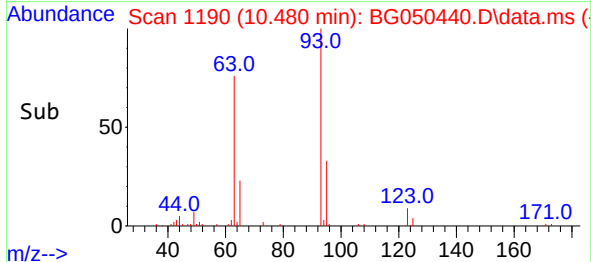
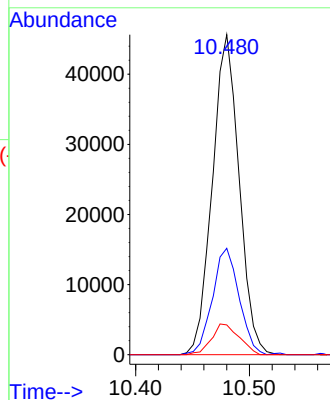


Tgt Ion: 93 Resp: 74555
 Ion Ratio Lower Upper
 93 100
 95 33.3 24.6 37.0
 123 9.3 8.3 12.5

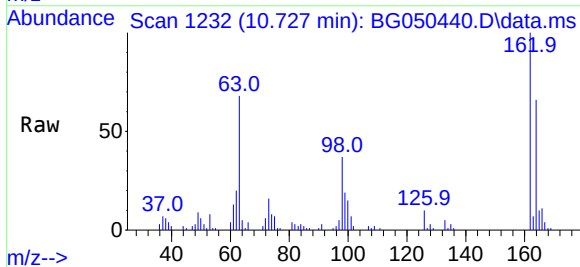
Instrument :
 BNA_G
 ClientSampled :
 EW411MS

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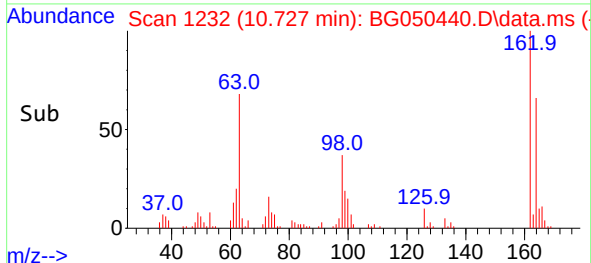
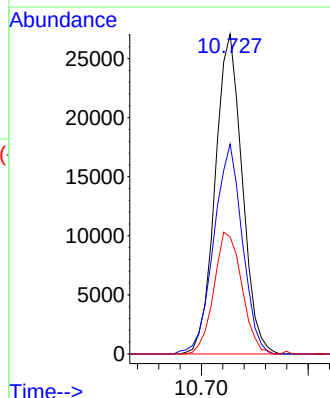
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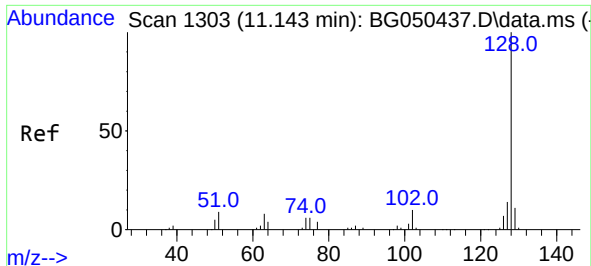


#29
 2,4-Dichlorophenol
 Concen: 11.93 ng/ul
 RT: 10.727 min Scan# 1232
 Delta R.T. -0.011 min
 Lab File: BG050440.D
 Acq: 5 Oct 2021 10:47

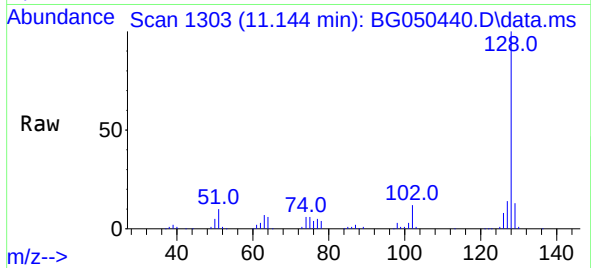


Tgt Ion:162 Resp: 47593
 Ion Ratio Lower Upper
 162 100
 164 65.6 49.4 74.0
 98 36.6 29.0 43.4

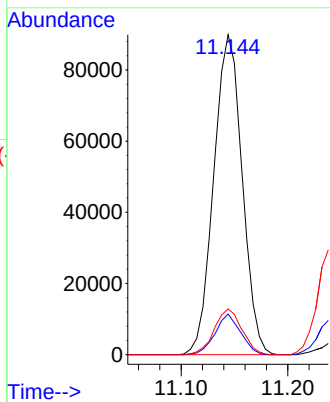
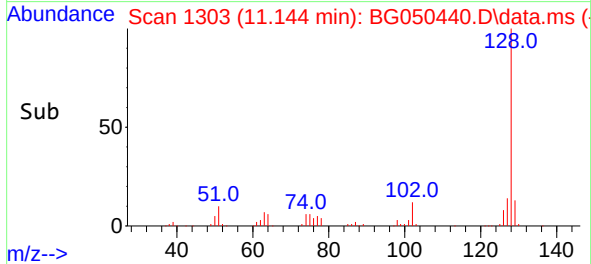




#30
Naphthalene
Concen: 11.92 ng/ul
RT: 11.144 min Scan# 1303
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



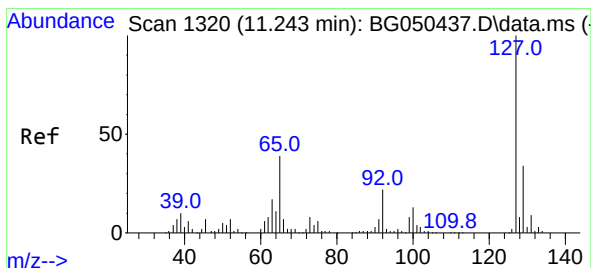
Tgt Ion:128 Resp: 166380
Ion Ratio Lower Upper
128 100
129 12.7 8.2 12.2#
127 14.3 11.0 16.4



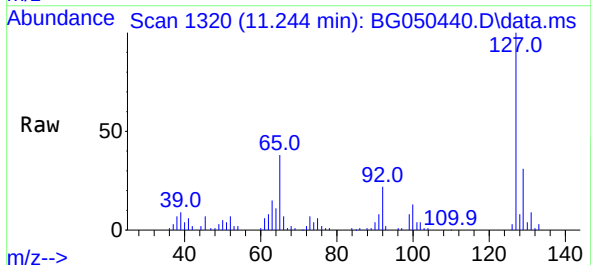
Instrument :
BNA_G
ClientSampleId :
EW411MS

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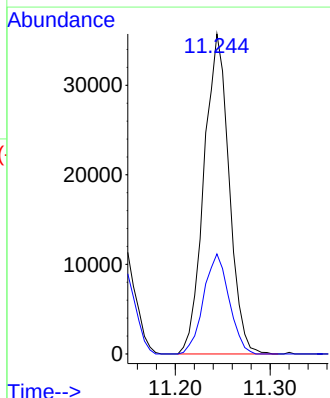
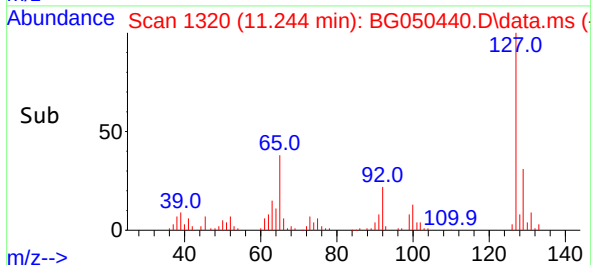
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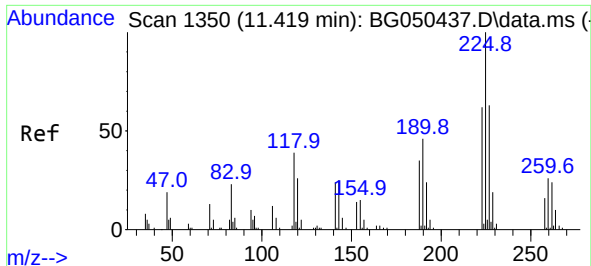


#32
4-Chloroaniline
Concen: 11.32 ng/ul
RT: 11.244 min Scan# 1320
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



Tgt Ion:127 Resp: 65618
Ion Ratio Lower Upper
127 100
129 31.3 24.3 36.5





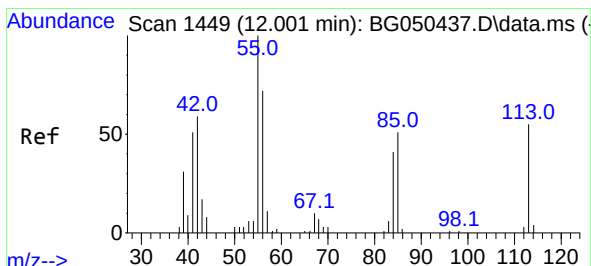
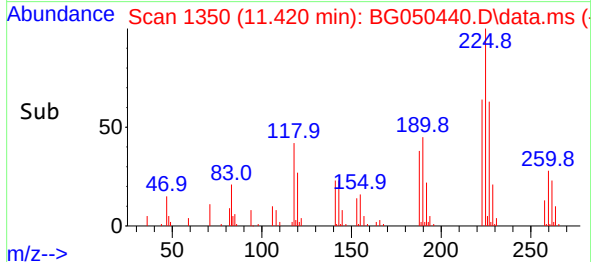
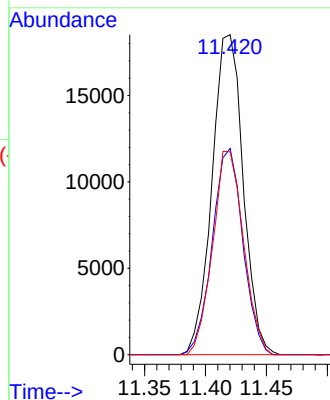
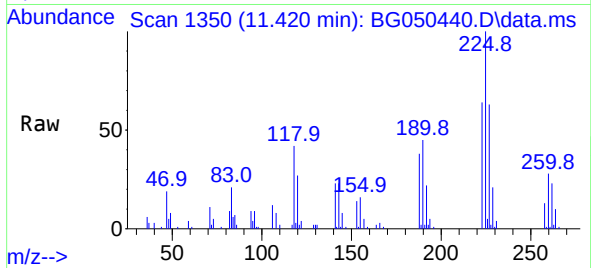
#33
Hexachlorobutadiene
Concen: 11.36 ng/ul
RT: 11.420 min Scan# 1350
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion: 225 Resp: 32925
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 65.6 52.7 79.1

Instrument :
BNA_G
ClientSampled :
EW411MS

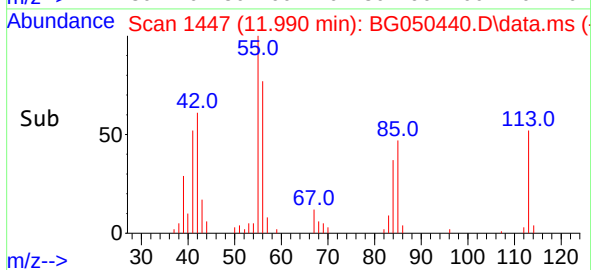
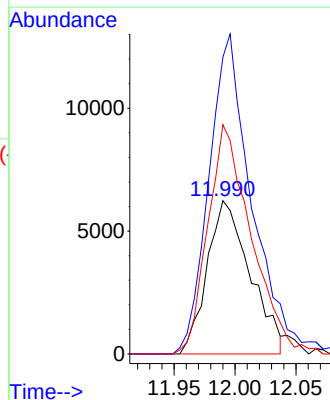
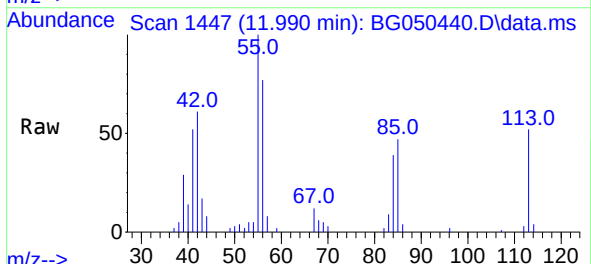
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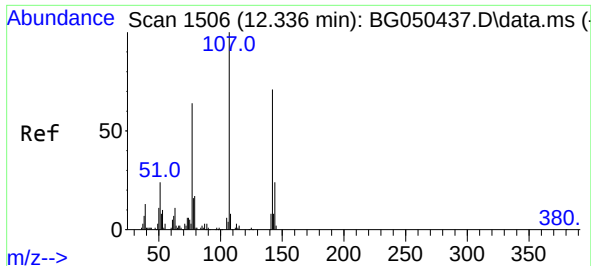
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#34
Caprolactam
Concen: 9.94 ng/ul
RT: 11.990 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion: 113 Resp: 15322
Ion Ratio Lower Upper
113 100
55 193.6 144.1 216.1
56 149.6 105.8 158.8





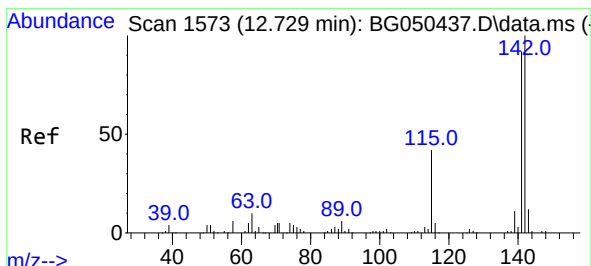
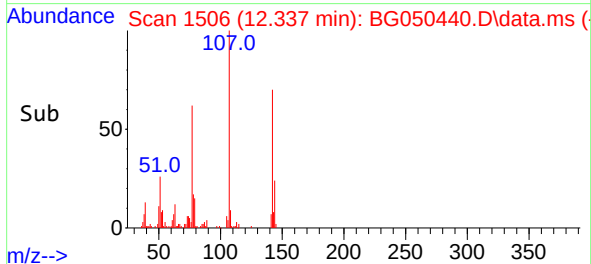
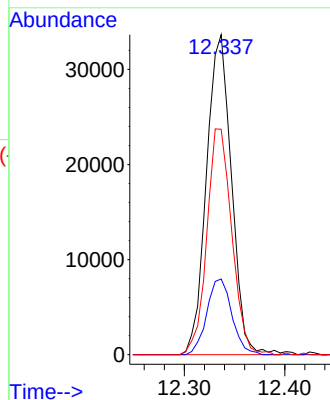
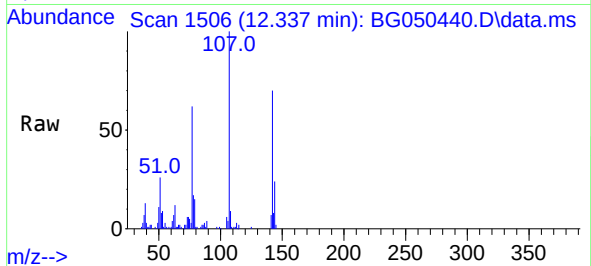
#35
4-Chloro-3-methylphenol
Concen: 12.41 ng/ul
RT: 12.337 min Scan# 1506
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampleId :
EW411MS

Tgt Ion:107 Resp: 58375
Ion Ratio Lower Upper
107 100
144 23.7 16.8 25.2
142 70.5 55.4 83.2

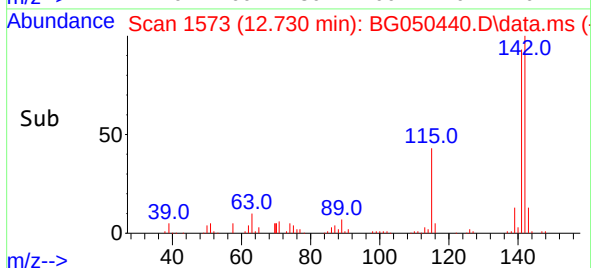
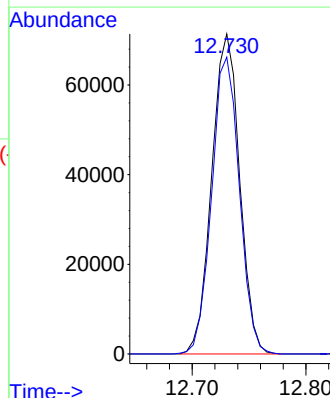
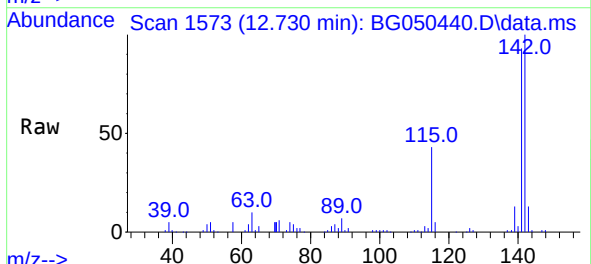
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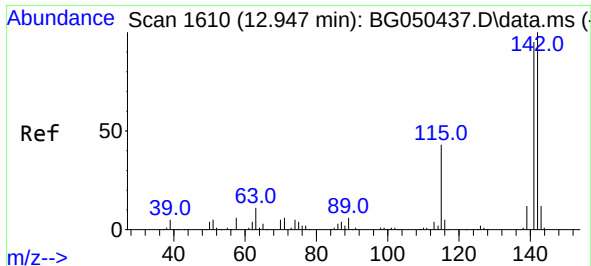
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#36
2-Methylnaphthalene
Concen: 12.80 ng/ul
RT: 12.730 min Scan# 1573
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

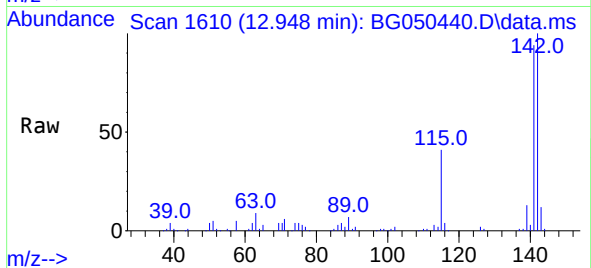
Tgt Ion:142 Resp: 121429
Ion Ratio Lower Upper
142 100
141 92.7 72.0 108.0





#37
1-Methylnaphthalene
Concen: 12.17 ng/ul
RT: 12.948 min Scan# 1610
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

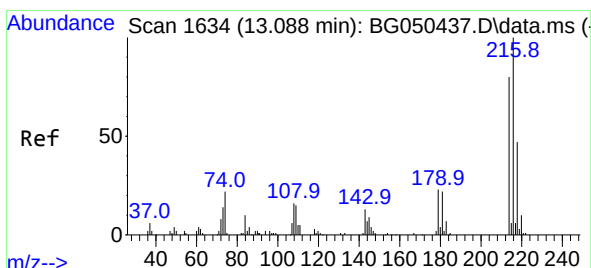
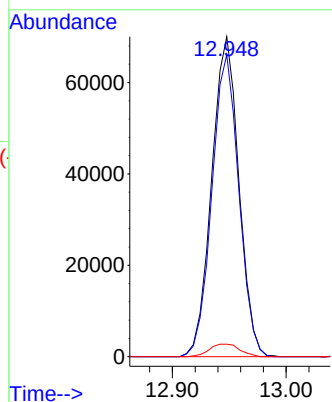
Instrument :
BNA_G
ClientSampled :
EW411MS



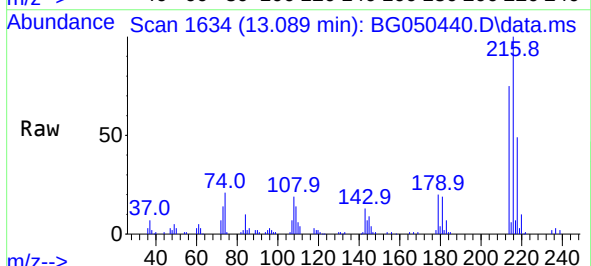
Tgt Ion:142 Resp: 116218
Ion Ratio Lower Upper
142 100
141 94.4 78.9 118.3
116 3.9 3.8 5.6

Manual Integrations
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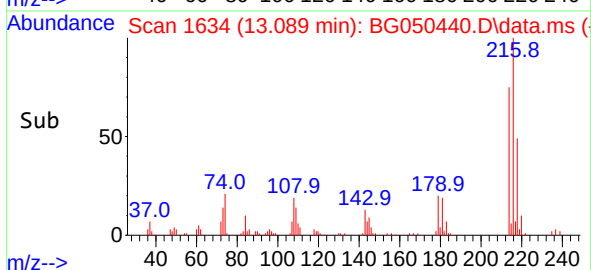
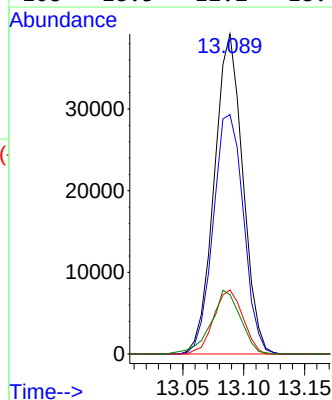
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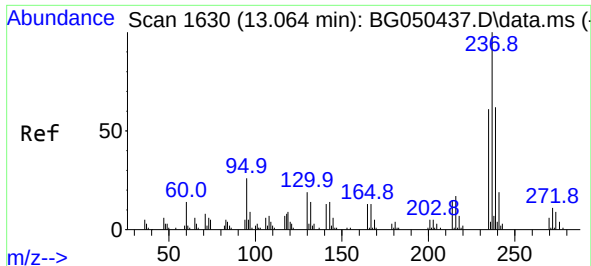


#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.59 ng/ul
RT: 13.089 min Scan# 1634
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

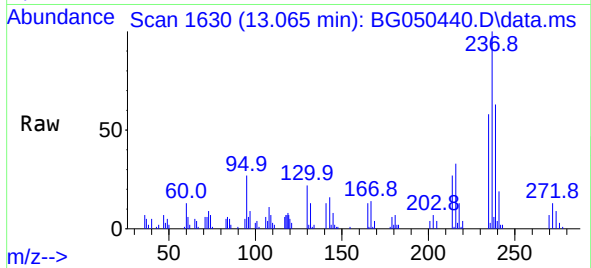


Tgt Ion:216 Resp: 63862
Ion Ratio Lower Upper
216 100
214 74.8 65.0 97.4
179 20.0 16.5 24.7
108 18.5 12.2 18.4#

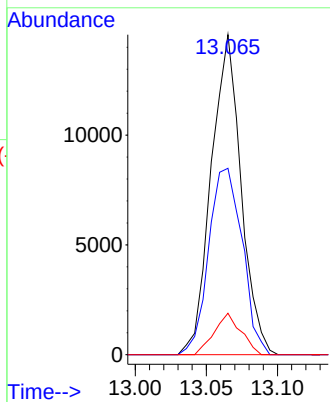
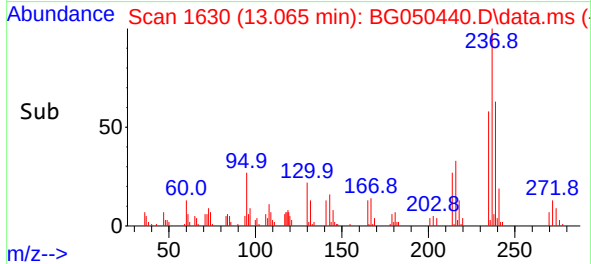




#40
Hexachlorocyclopentadiene
Concen: 6.34 ng/ul
RT: 13.065 min Scan# 1630
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



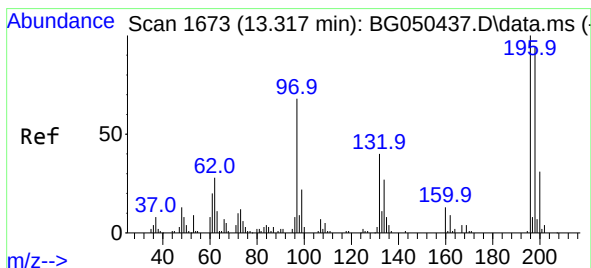
Tgt Ion:237 Resp: 21332
Ion Ratio Lower Upper
237 100
235 61.0 45.6 68.4
272 13.0 9.5 14.3



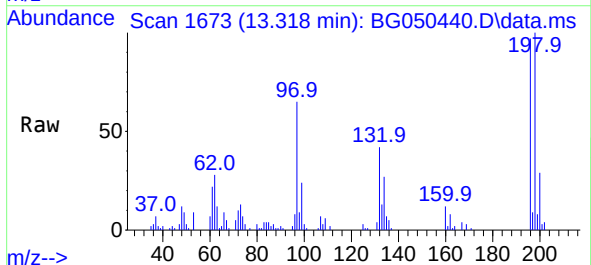
Instrument :
BNA_G
ClientSampleId :
EW411MS

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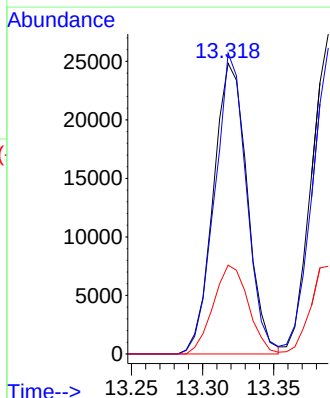
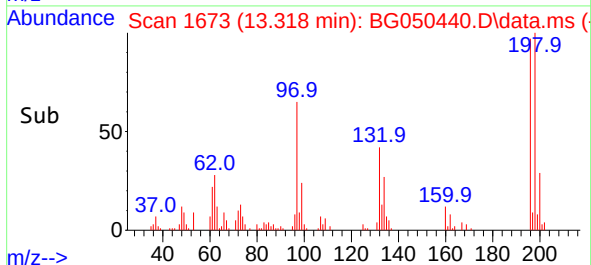
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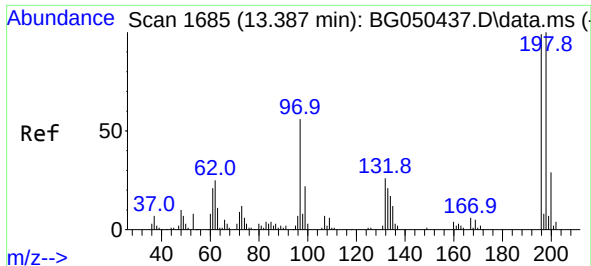


#41
2,4,6-Trichlorophenol
Concen: 12.88 ng/ul
RT: 13.318 min Scan# 1673
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

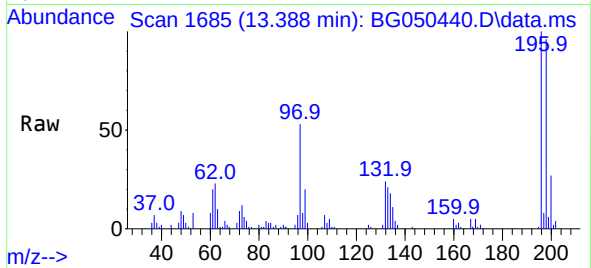


Tgt Ion:196 Resp: 41189
Ion Ratio Lower Upper
196 100
198 103.5 75.1 112.7
200 30.5 23.7 35.5

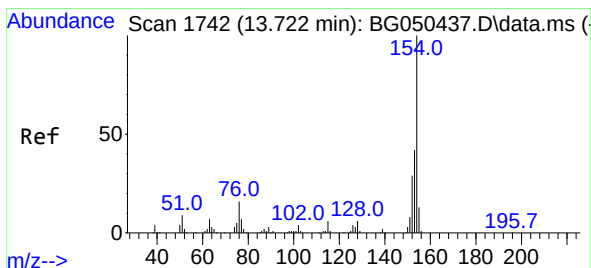
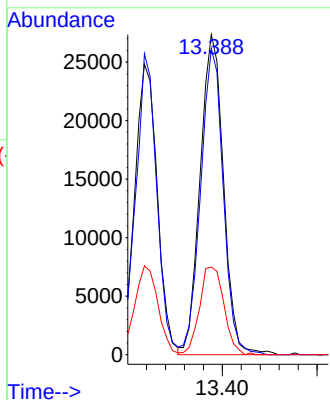
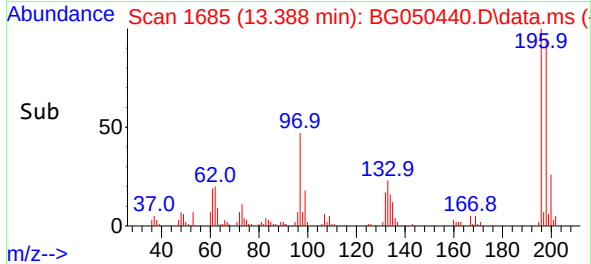




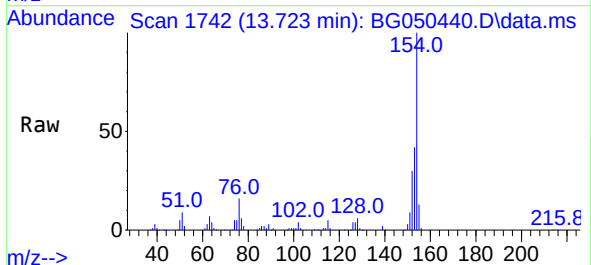
#42
2,4,5-Trichlorophenol
Concen: 13.36 ng/ul
RT: 13.388 min Scan# 1685
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



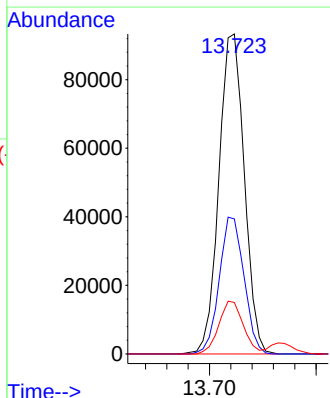
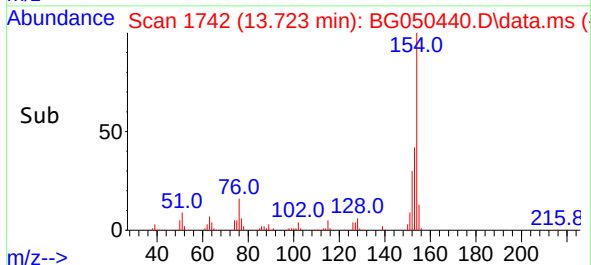
Tgt Ion:196 Resp: 46710
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
200 27.4 24.6 37.0



#43
1,1'-Biphenyl
Concen: 13.05 ng/ul
RT: 13.723 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



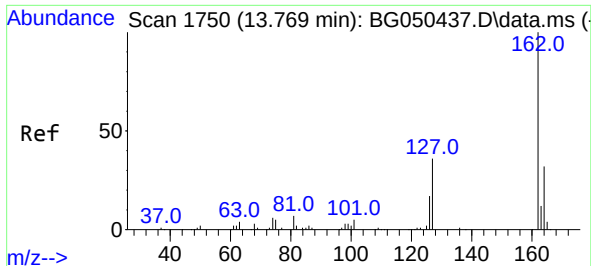
Tgt Ion:154 Resp: 154310
Ion Ratio Lower Upper
154 100
153 42.2 33.4 50.2
76 16.1 12.4 18.6



Instrument :
BNA_G
ClientSampled :
EW411MS

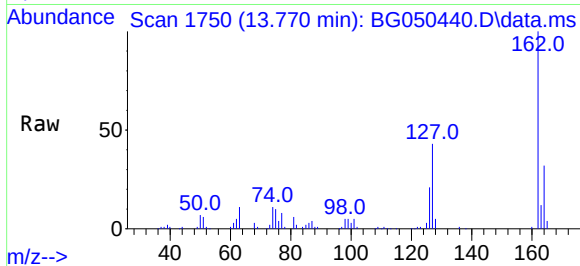
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#44
2-Chloronaphthalene
Concen: 12.85 ng/ul
RT: 13.770 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

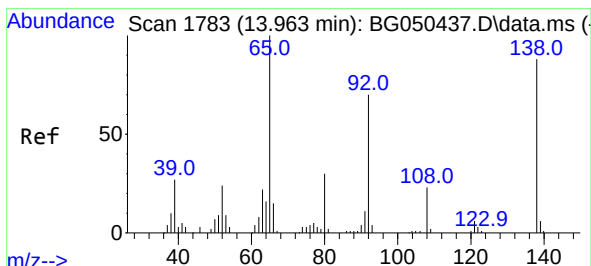
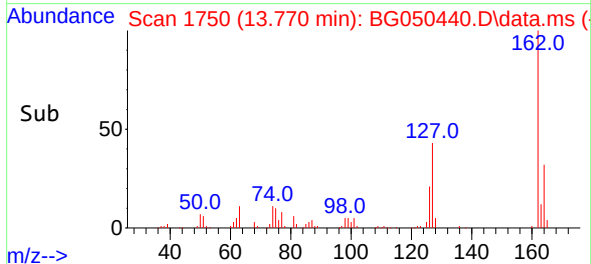
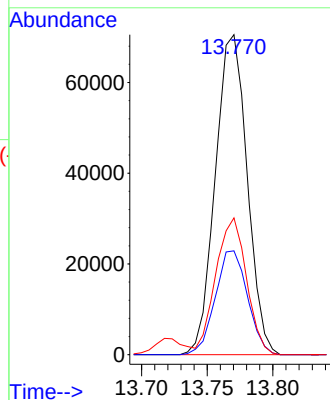
Instrument :
BNA_G
ClientSampled :
EW411MS



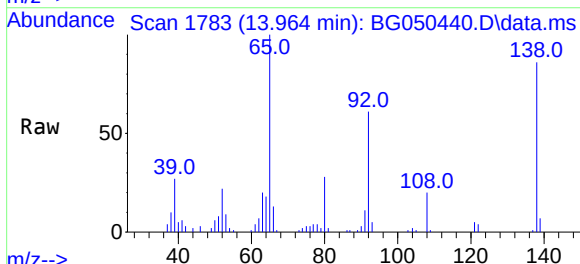
Tgt Ion:162 Resp: 119088
Ion Ratio Lower Upper
162 100
164 32.4 24.5 36.7
127 42.7 32.6 48.8

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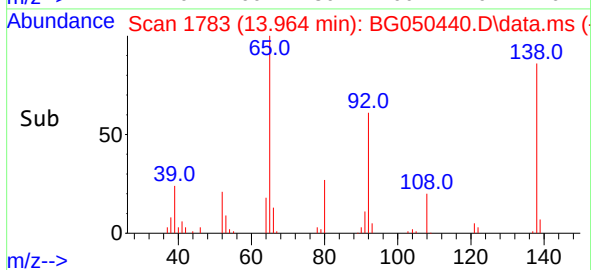
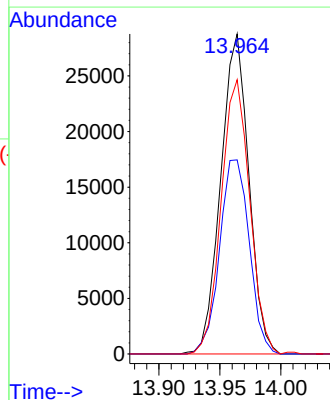
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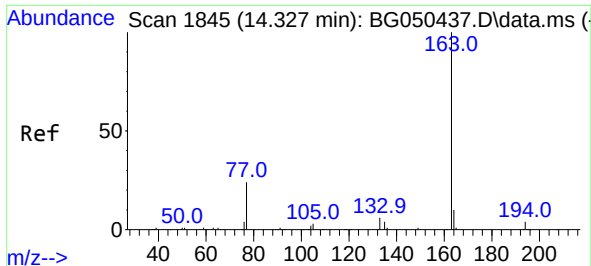


#45
2-Nitroaniline
Concen: 15.19 ng/ul
RT: 13.964 min Scan# 1783
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



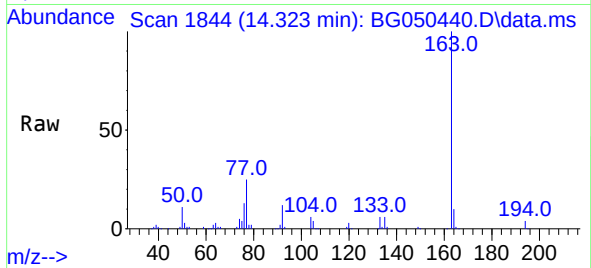
Tgt Ion: 65 Resp: 46101
Ion Ratio Lower Upper
65 100
92 60.7 54.8 82.2
138 85.7 76.1 114.1





#47
Dimethylphthalate
Concen: 12.87 ng/ul
RT: 14.323 min Scan# 1844
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

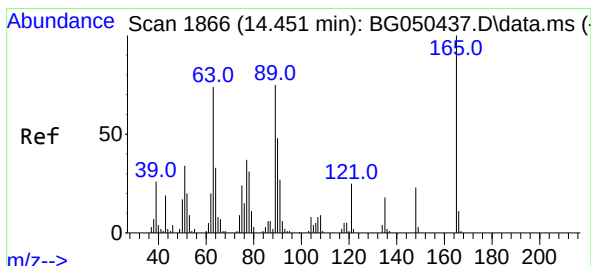
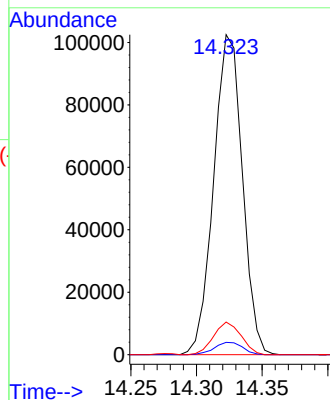
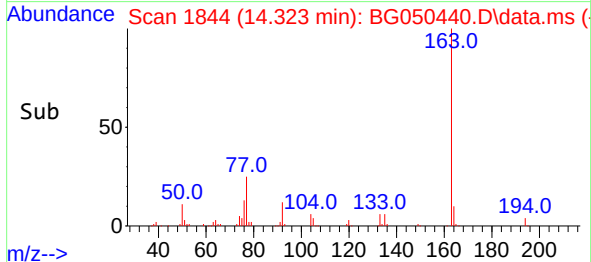
Instrument :
BNA_G
ClientSampleId :
EW411MS



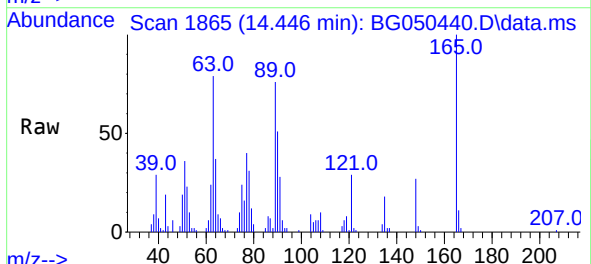
Tgt Ion:163 Resp: 155799
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.0 12.0

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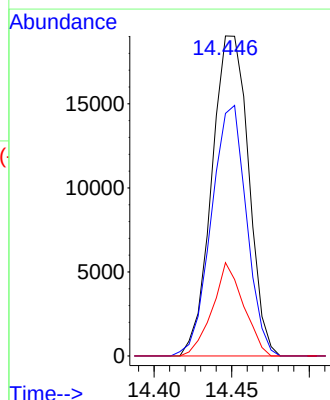
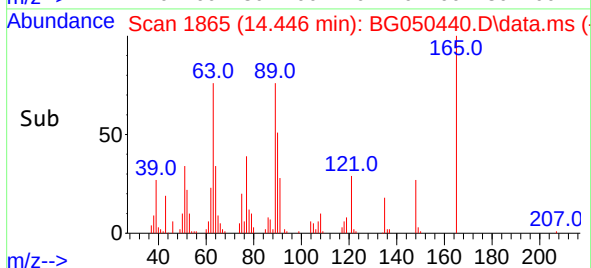
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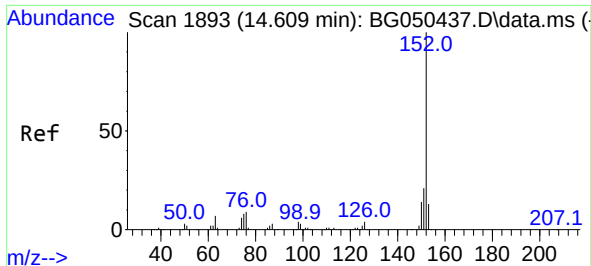


#48
2,6-Dinitrotoluene
Concen: 13.78 ng/ul
RT: 14.446 min Scan# 1865
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



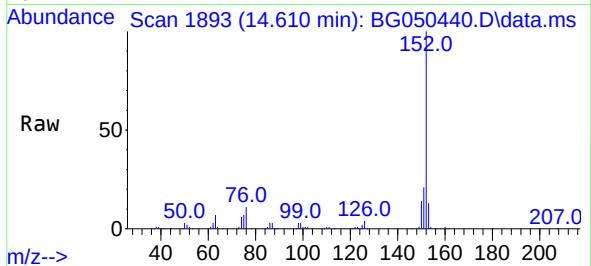
Tgt Ion:165 Resp: 31377
Ion Ratio Lower Upper
165 100
89 75.8 62.3 93.5
121 29.1 20.8 31.2





#50
Acenaphthylene
Concen: 12.06 ng/ul
RT: 14.610 min Scan# 1893
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

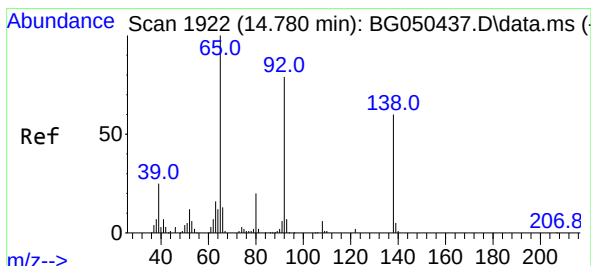
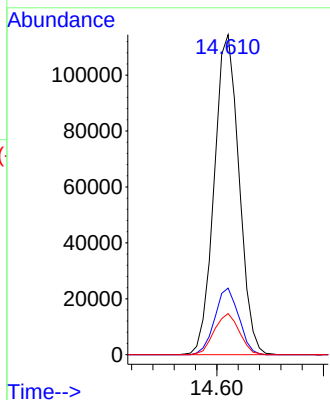
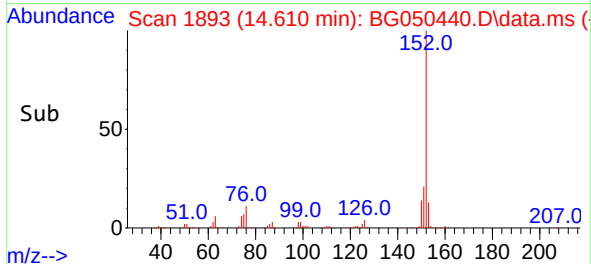
Instrument :
BNA_G
ClientSampled :
EW411MS



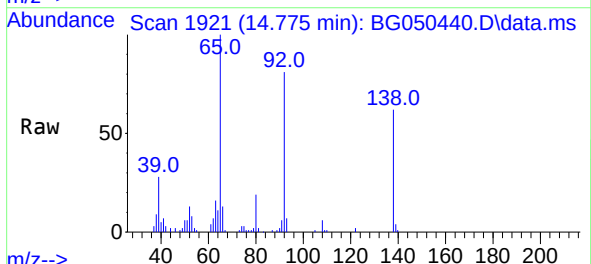
Tgt Ion:152 Resp: 184768
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.2
153 12.9 10.3 15.5

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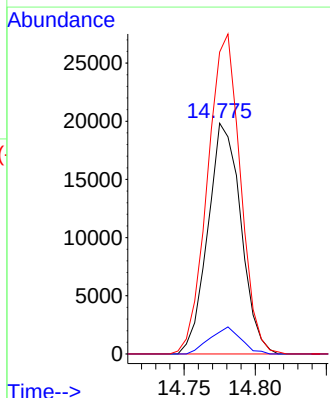
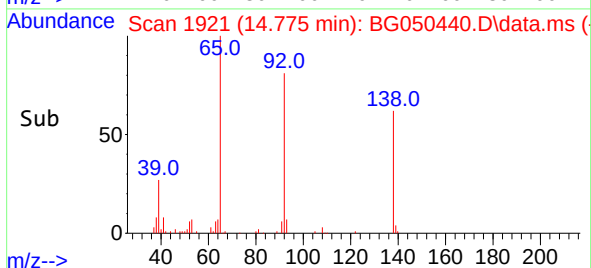
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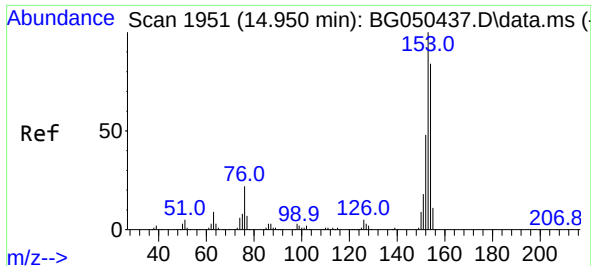


#51
3-Nitroaniline
Concen: 12.96 ng/ul
RT: 14.775 min Scan# 1921
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



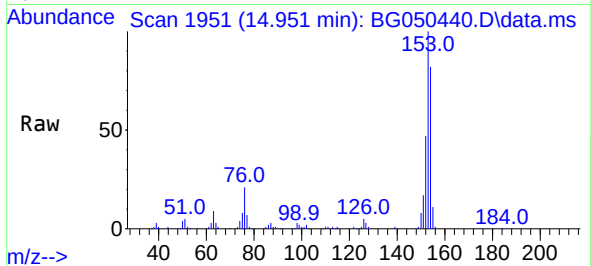
Tgt Ion:138 Resp: 32108
Ion Ratio Lower Upper
138 100
108 9.5 8.6 12.8
92 130.9 97.0 145.4





#52
Acenaphthene
Concen: 12.98 ng/ul
RT: 14.951 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

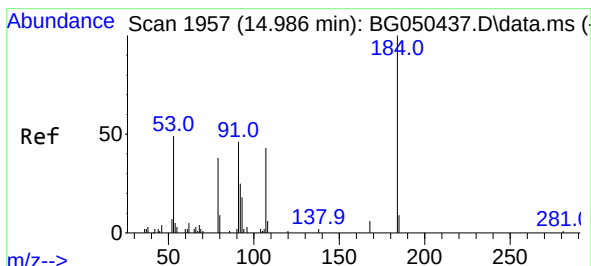
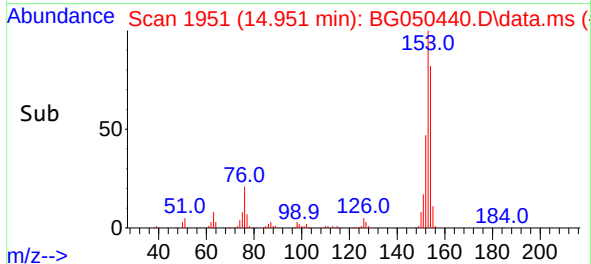
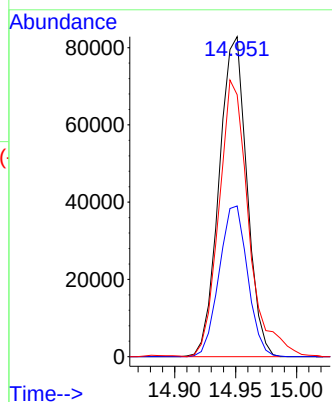
Instrument :
BNA_G
ClientSampled :
EW411MS



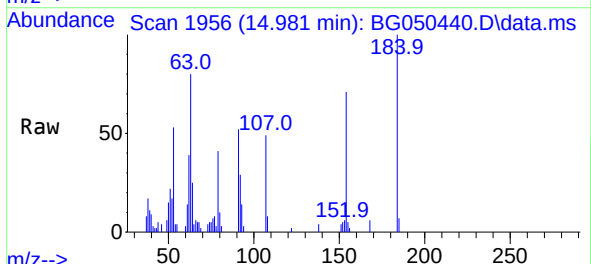
Tgt Ion:153 Resp: 131420
Ion Ratio Lower Upper
153 100
152 47.1 40.2 60.2
154 81.9 68.2 102.2

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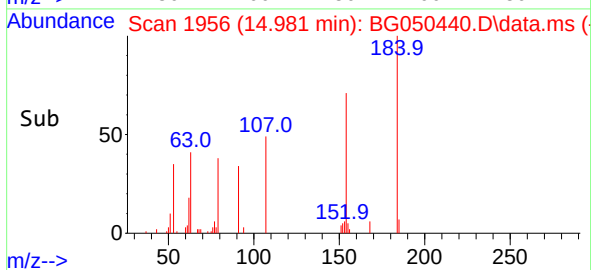
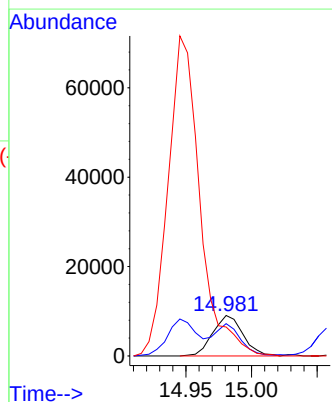
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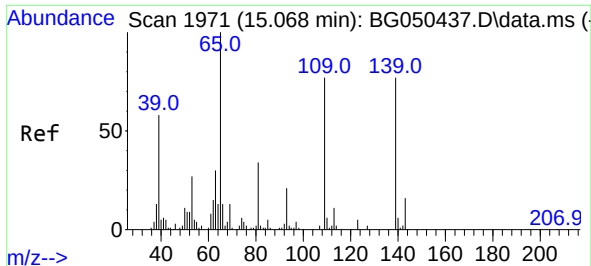


#53
2,4-Dinitrophenol
Concen: 10.19 ng/ul
RT: 14.981 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



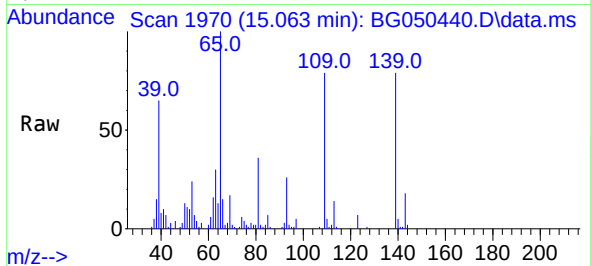
Tgt Ion:184 Resp: 14455
Ion Ratio Lower Upper
184 100
63 80.0 62.1 93.1
154 71.4 68.3 102.5





#55
4-Nitrophenol
Concen: 12.15 ng/ul
RT: 15.063 min Scan# 1970
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

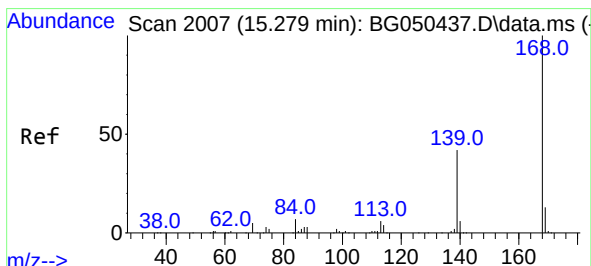
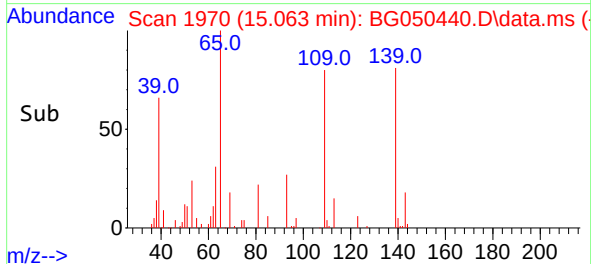
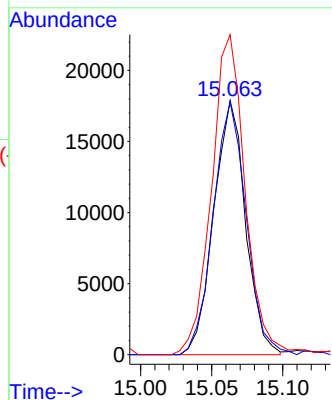
Instrument :
BNA_G
ClientSampleId :
EW411MS



Tgt Ion:109 Resp: 27842
Ion Ratio Lower Upper
109 100
139 99.4 81.4 122.0
65 125.9 97.8 146.6

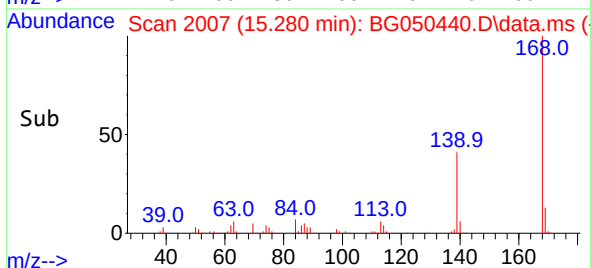
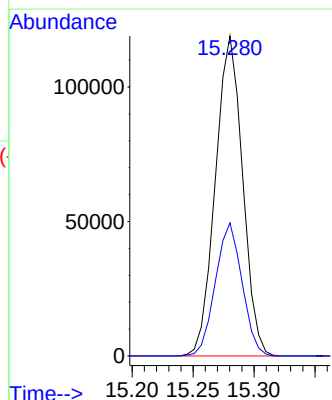
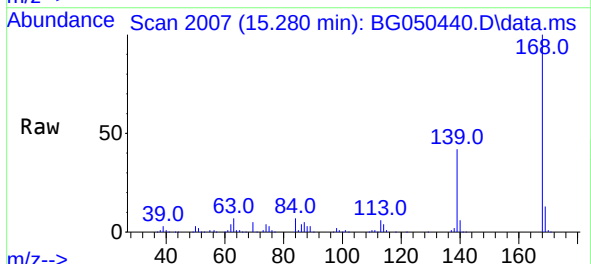
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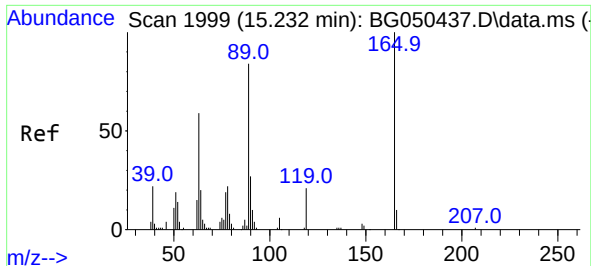
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#56
Dibenzofuran
Concen: 12.55 ng/ul
RT: 15.280 min Scan# 2007
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:168 Resp: 184788
Ion Ratio Lower Upper
168 100
139 41.6 30.2 45.4





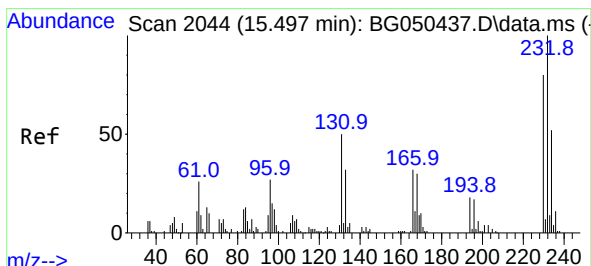
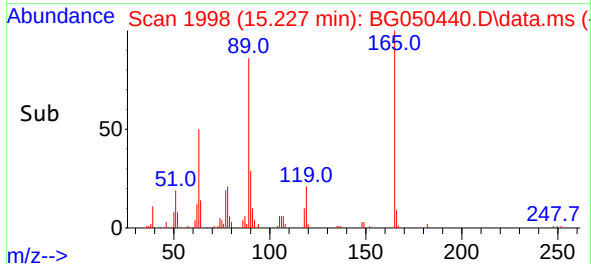
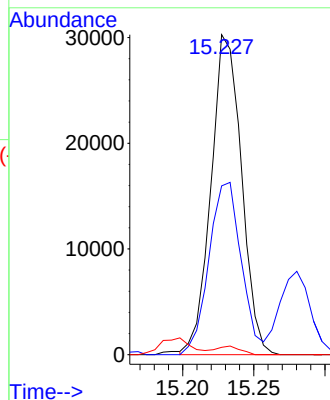
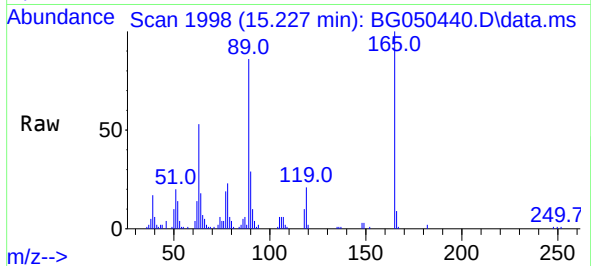
#57
2,4-Dinitrotoluene
Concen: 13.66 ng/ul
RT: 15.227 min Scan# 1998
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:165 Resp: 45170
Ion Ratio Lower Upper
165 100
63 52.8 43.4 65.2
182 2.3 1.7 2.5

Instrument :
BNA_G
ClientSampled :
EW411MS

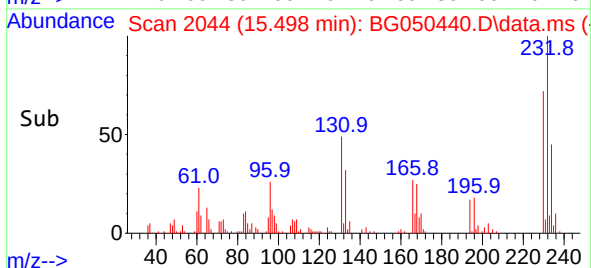
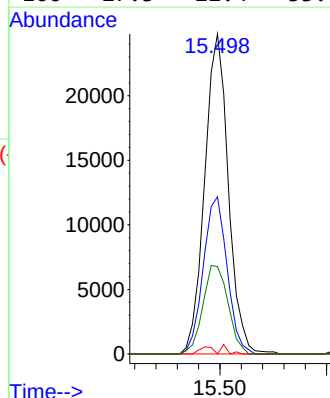
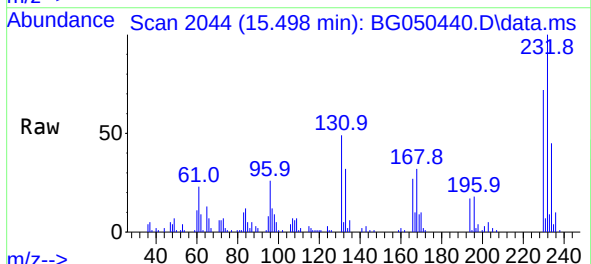
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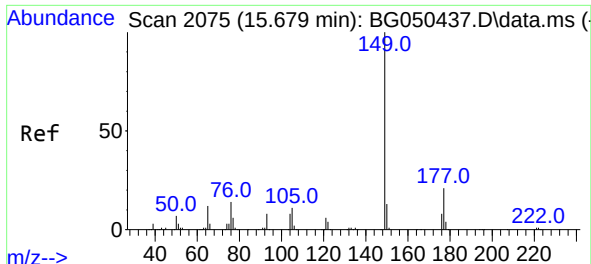
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#58
2,3,4,6-Tetrachlorophenol
Concen: 12.72 ng/ul
RT: 15.498 min Scan# 2044
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

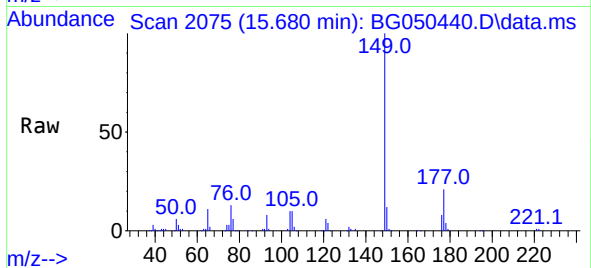
Tgt Ion:232 Resp: 38243
Ion Ratio Lower Upper
232 100
131 49.1 34.3 51.5
130 0.0 2.8 4.2#
166 27.3 22.4 33.6





#59
Diethylphthalate
Concen: 13.04 ng/ul
RT: 15.680 min Scan# 2075
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

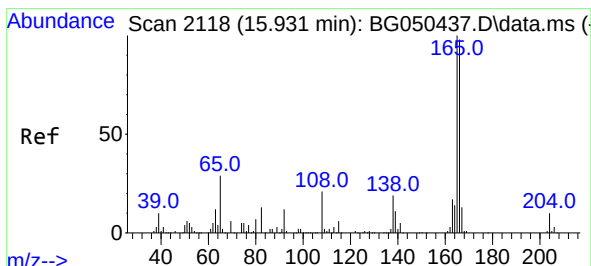
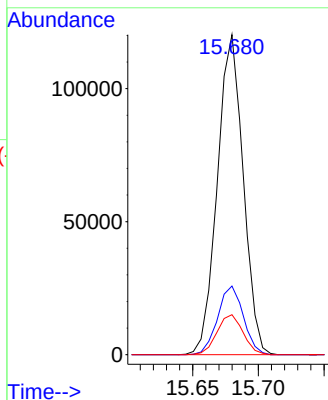
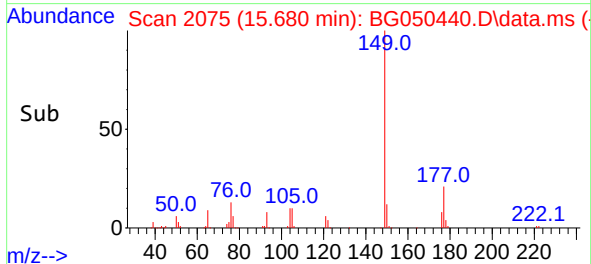
Instrument :
BNA_G
ClientSampleId :
EW411MS



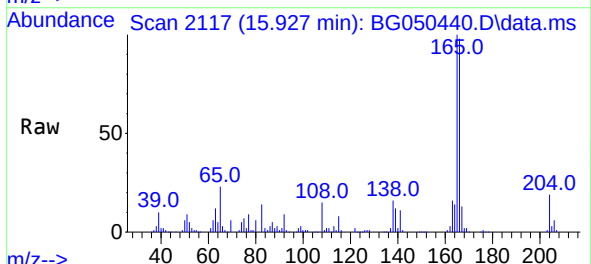
Tgt Ion:149 Resp: 164685
Ion Ratio Lower Upper
149 100
177 21.4 18.2 27.4
150 12.5 10.2 15.2

Manual Integrations
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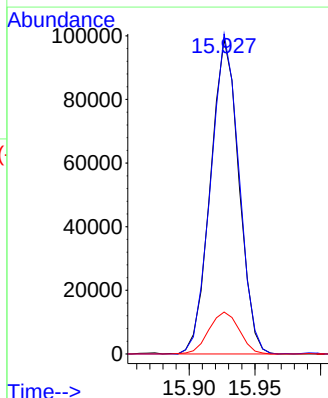
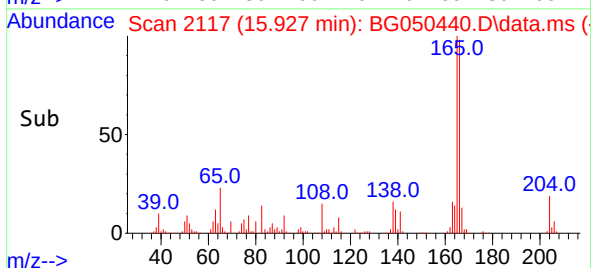
mohammad
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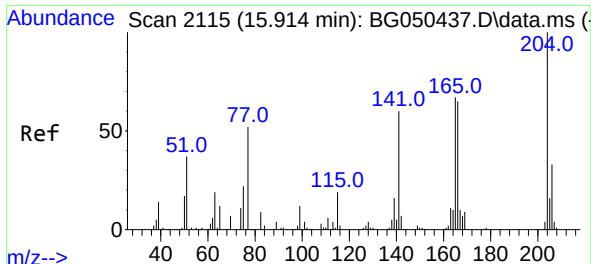


#61
Fluorene
Concen: 12.72 ng/ul
RT: 15.927 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



Tgt Ion:166 Resp: 149085
Ion Ratio Lower Upper
166 100
165 101.8 78.6 118.0
167 13.3 10.9 16.3





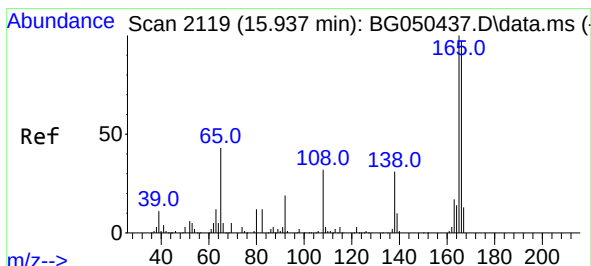
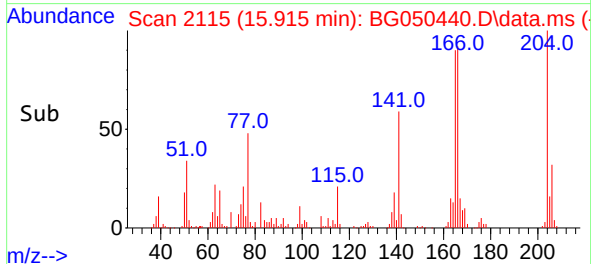
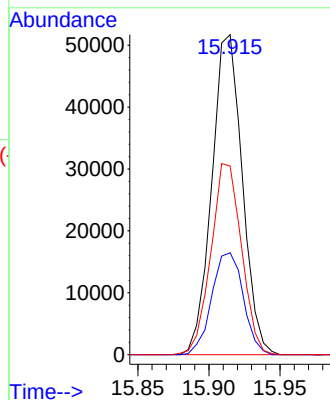
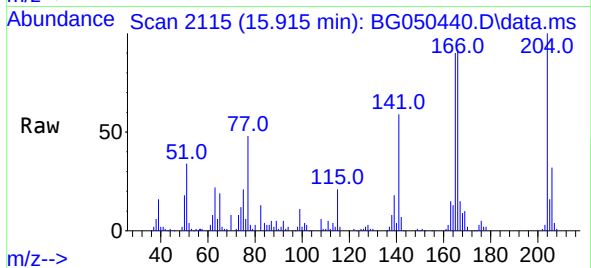
#62
4-Chlorophenyl-phenylether
Concen: 12.14 ng/ul
RT: 15.915 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:204 Resp: 77065
Ion Ratio Lower Upper
204 100
206 31.9 24.8 37.2
141 58.9 44.1 66.1

Instrument :
BNA_G
ClientSampled :
EW411MS

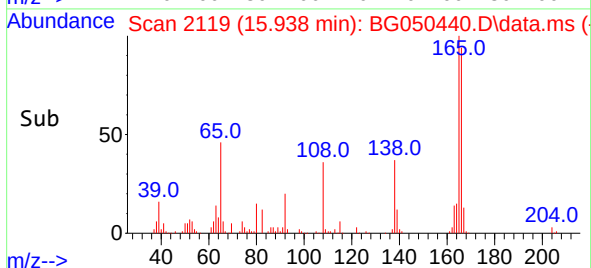
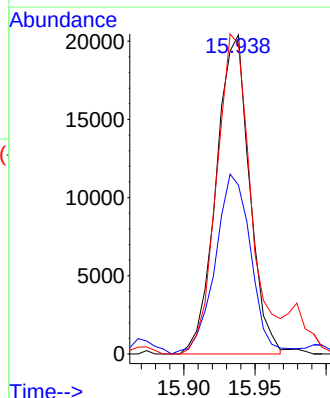
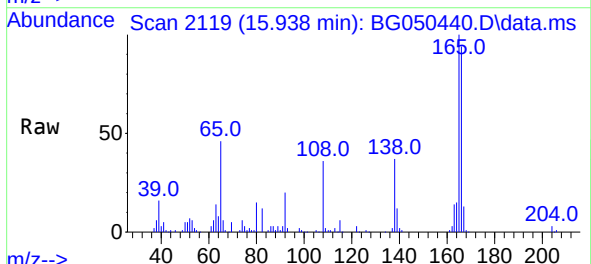
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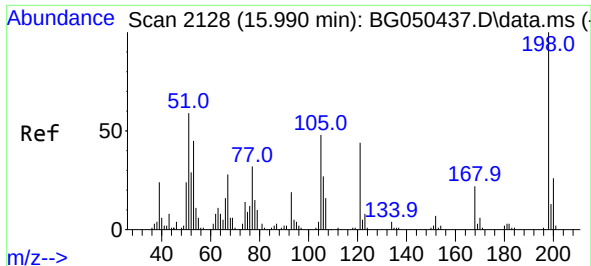
mohammad
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#63
4-Nitroaniline
Concen: 13.29 ng/ul
RT: 15.938 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:138 Resp: 33245
Ion Ratio Lower Upper
138 100
92 52.9 47.0 70.4
108 97.1 77.2 115.8





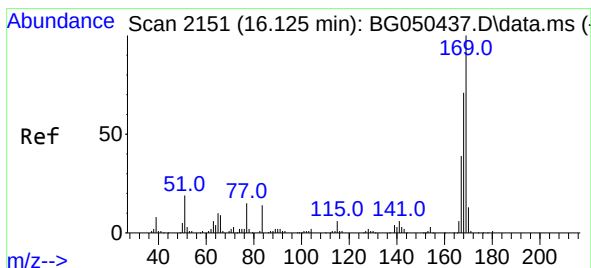
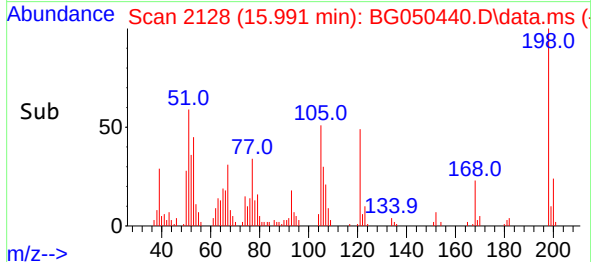
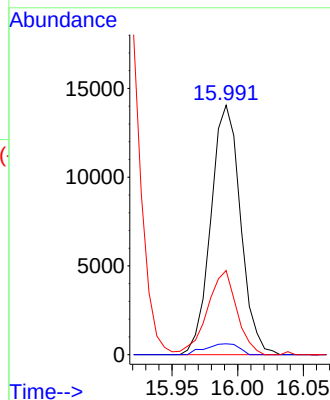
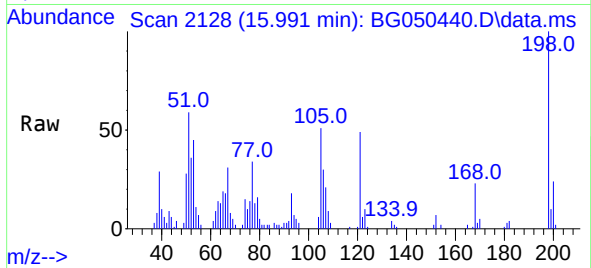
#66
4,6-Dinitro-2-methylphenol
Concen: 12.15 ng/ul
RT: 15.991 min Scan# 2128
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:198 Resp: 22111
Ion Ratio Lower Upper
198 100
182 4.4 3.0 4.6
77 33.7 25.8 38.8

Instrument :
BNA_G
ClientSampled :
EW411MS

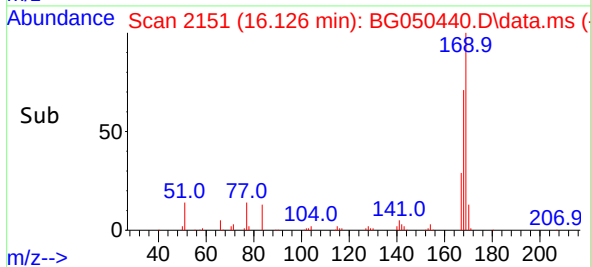
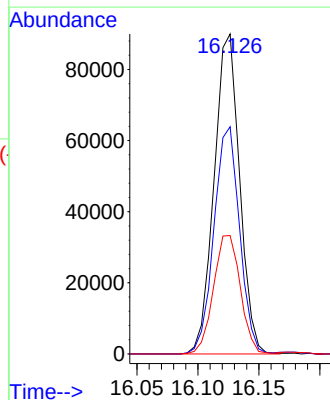
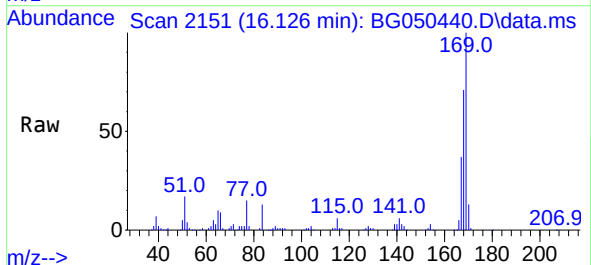
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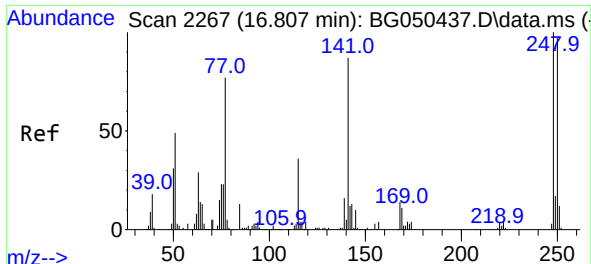
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#67
N-Nitrosodiphenylamine
Concen: 14.07 ng/ul
RT: 16.126 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

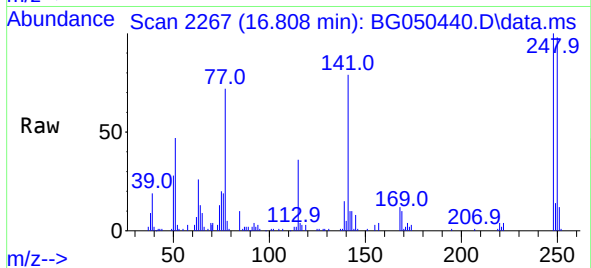
Tgt Ion:169 Resp: 131294
Ion Ratio Lower Upper
169 100
168 71.0 58.3 87.5
167 37.0 31.4 47.2





#68
4-Bromophenyl-phenylether
Concen: 13.90 ng/ul
RT: 16.808 min Scan# 2267
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

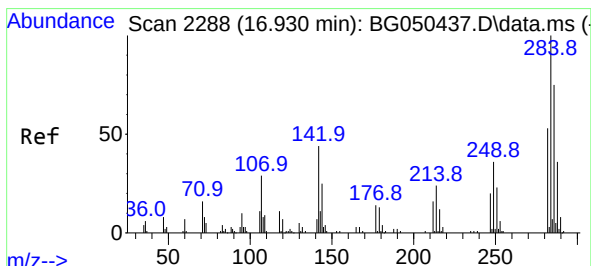
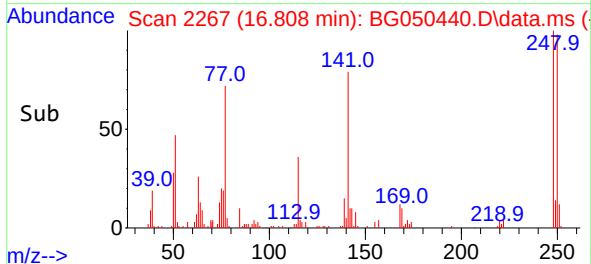
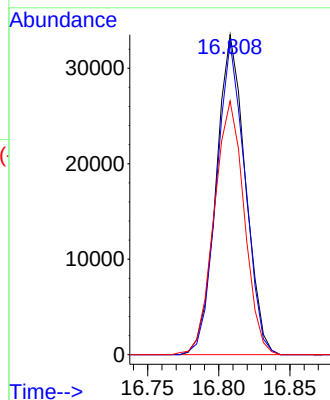
Instrument :
BNA_G
ClientSampled :
EW411MS



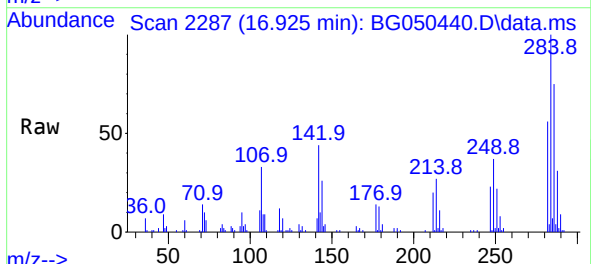
Tgt Ion:248 Resp: 47780
Ion Ratio Lower Upper
248 100
250 97.8 73.3 109.9
141 79.3 60.2 90.2

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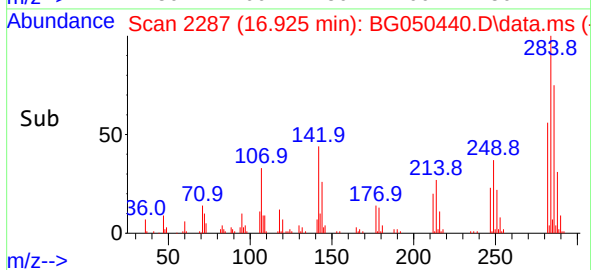
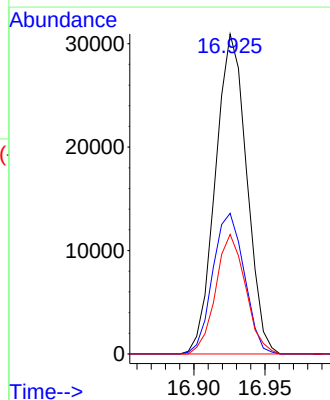
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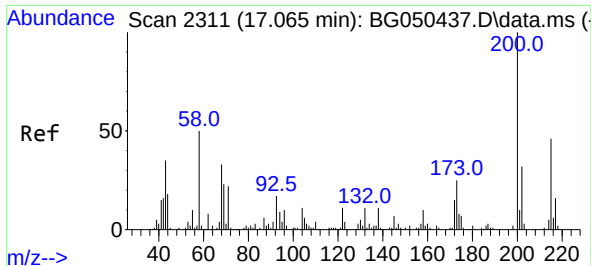


#69
Hexachlorobenzene
Concen: 13.09 ng/ul
RT: 16.925 min Scan# 2287
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



Tgt Ion:284 Resp: 47364
Ion Ratio Lower Upper
284 100
142 44.0 33.3 49.9
249 37.3 28.3 42.5





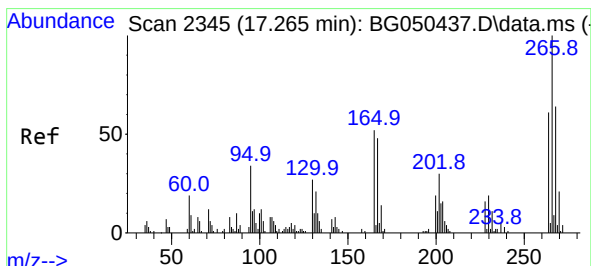
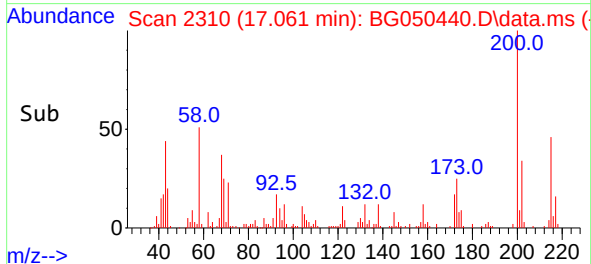
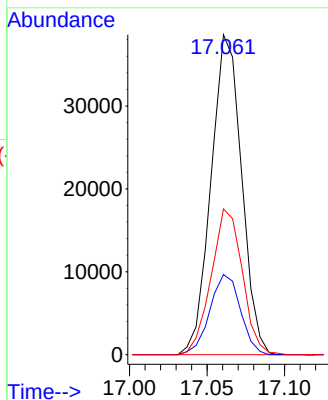
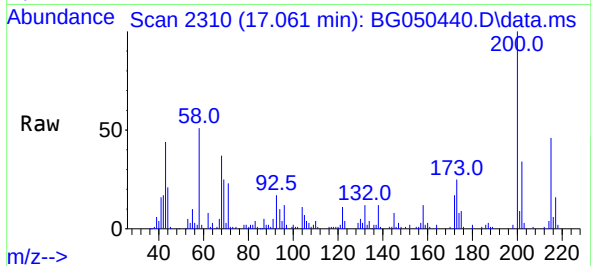
#70
Atrazine
Concen: 13.29 ng/ul
RT: 17.061 min Scan# 2310
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:200 Resp: 52820
Ion Ratio Lower Upper
200 100
173 25.0 19.9 29.9
215 45.6 40.4 60.6

Instrument :
BNA_G
ClientSampled :
EW411MS

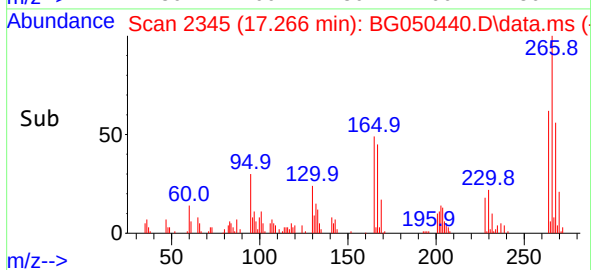
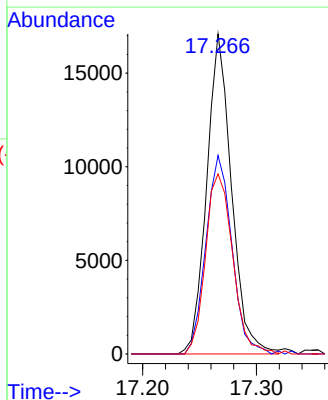
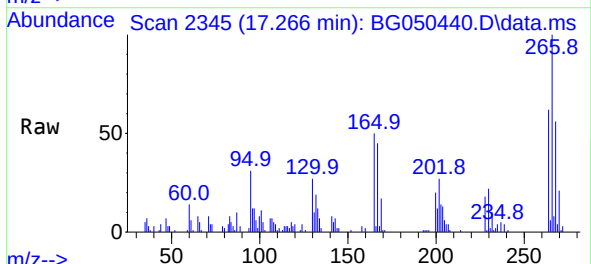
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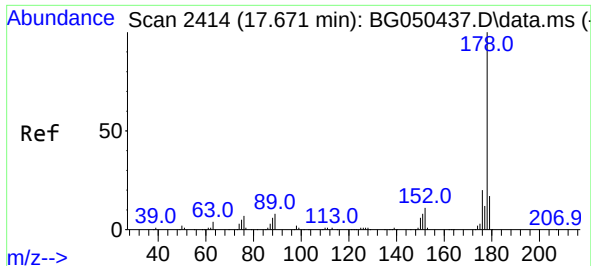
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#71
Pentachlorophenol
Concen: 10.96 ng/ul
RT: 17.266 min Scan# 2345
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

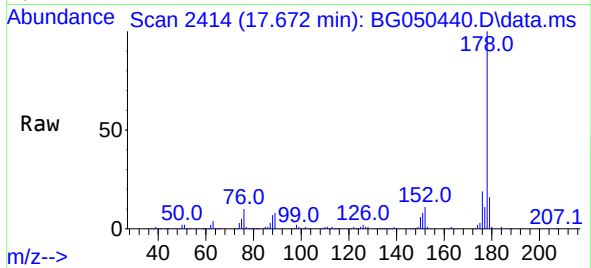
Tgt Ion:266 Resp: 25969
Ion Ratio Lower Upper
266 100
264 62.0 51.0 76.4
268 56.3 51.1 76.7





#72
Phenanthrene
Concen: 13.61 ng/ul
RT: 17.672 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

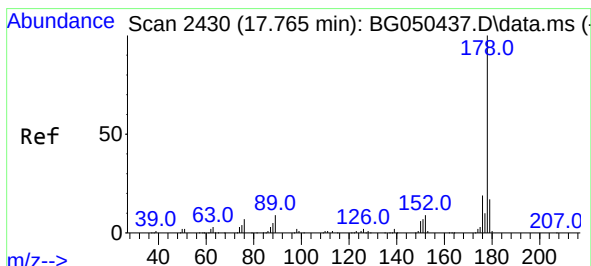
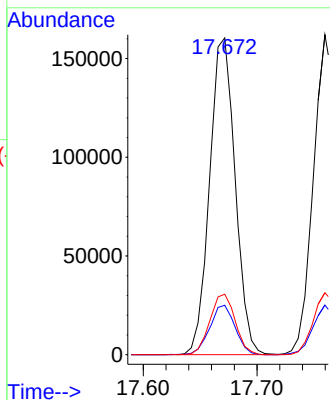
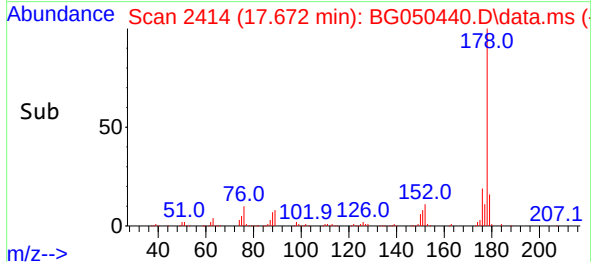
Instrument :
BNA_G
ClientSampled :
EW411MS



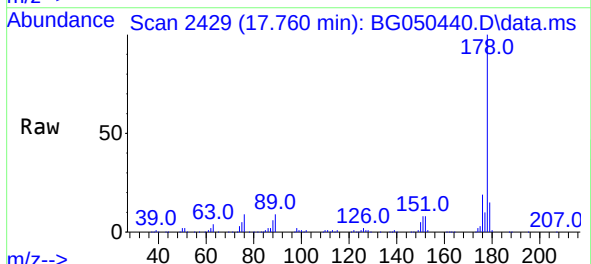
Tgt Ion:178 Resp: 250790
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.1 16.2 24.2

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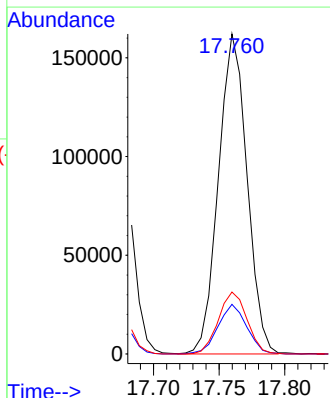
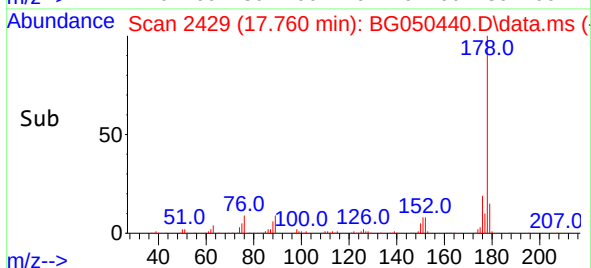
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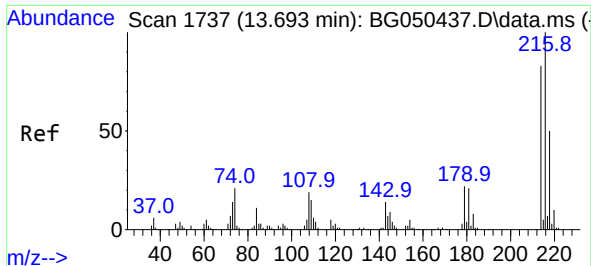


#74
Anthracene
Concen: 13.45 ng/ul
RT: 17.760 min Scan# 2429
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



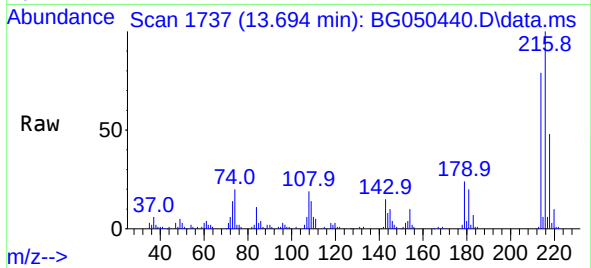
Tgt Ion:178 Resp: 245393
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.3 15.0 22.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 13.62 ng/uL
RT: 13.694 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

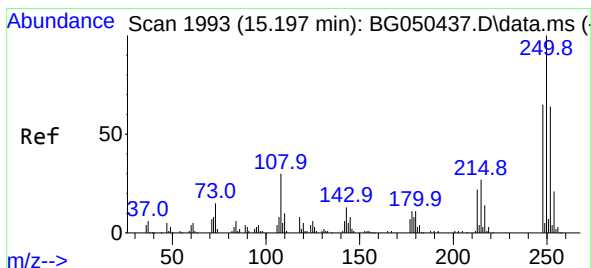
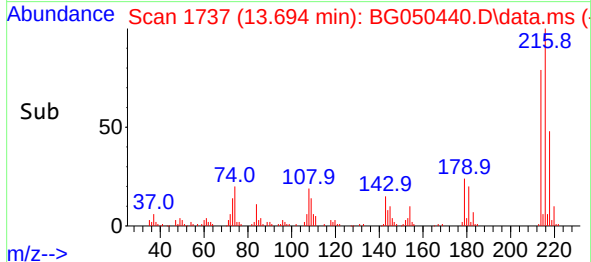
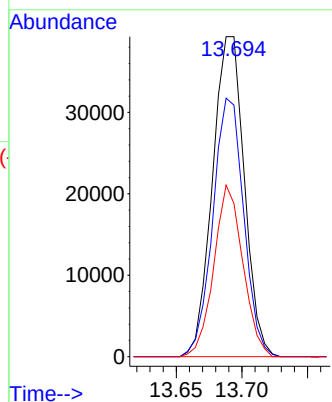
Instrument :
BNA_G
ClientSampled :
EW411MS



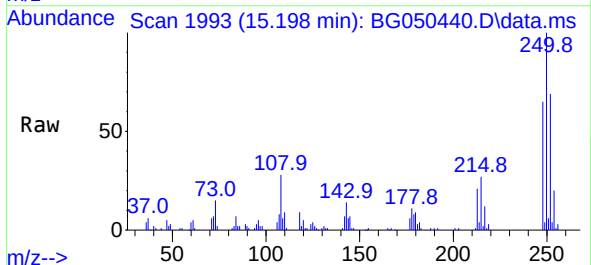
Tgt Ion:216 Resp: 66302
Ion Ratio Lower Upper
216 100
214 78.6 61.0 91.6
218 47.8 37.1 55.7

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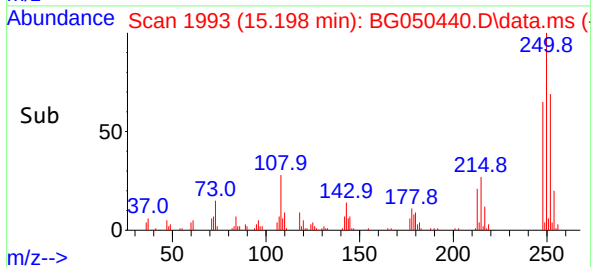
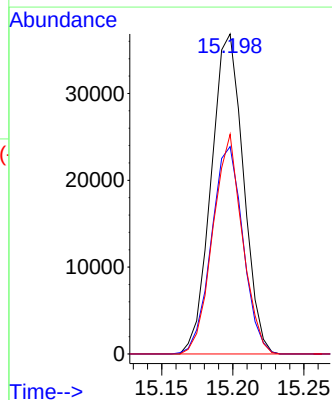
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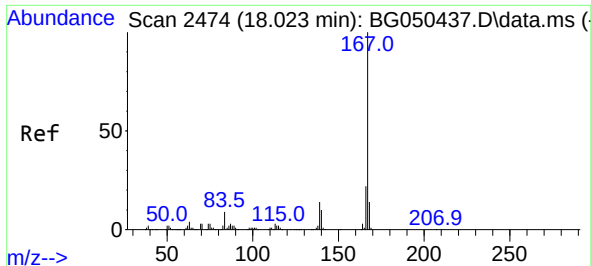


#76
Pentachlorobenzene
Concen: 13.04 ng/uL
RT: 15.198 min Scan# 1993
Delta R.T. -0.005 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

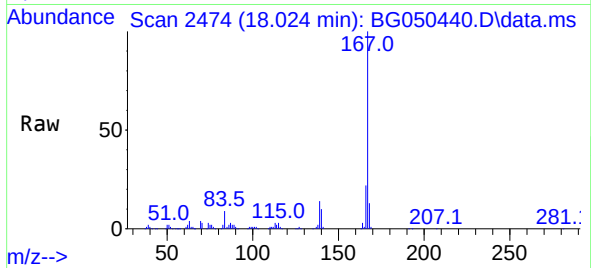


Tgt Ion:250 Resp: 57960
Ion Ratio Lower Upper
250 100
248 64.8 50.2 75.2
252 68.7 51.9 77.9



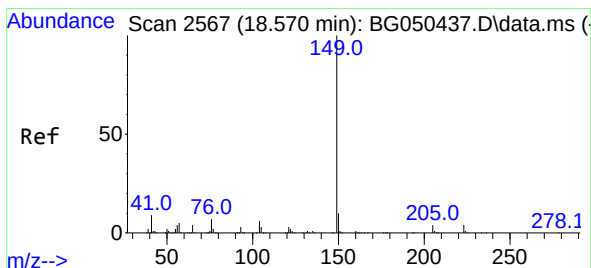
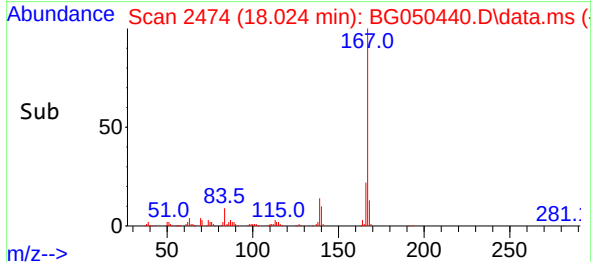
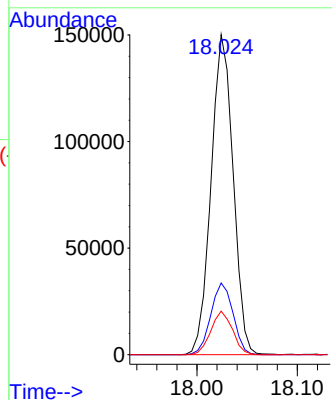


#77
 Carbazole
 Concen: 14.05 ng/ul
 RT: 18.024 min Scan# 2474
 Delta R.T. -0.011 min
 Lab File: BG050440.D
 Acq: 5 Oct 2021 10:47

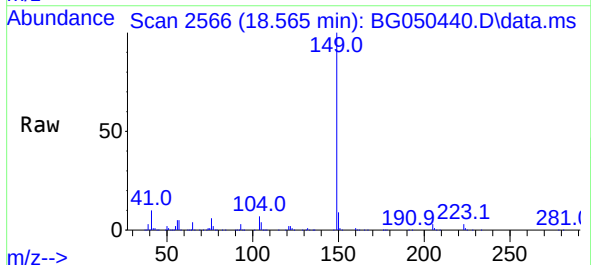


Tgt Ion:167 Resp: 229412

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.6	10.5	15.7

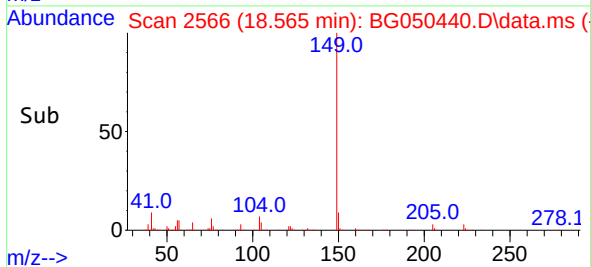
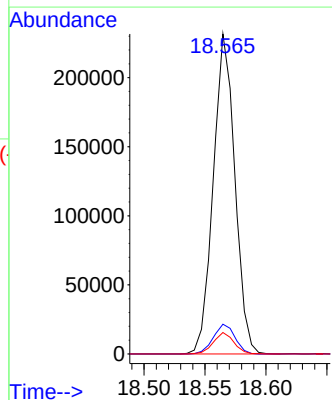


#78
 Di-n-butylphthalate
 Concen: 14.75 ng/ul
 RT: 18.565 min Scan# 2566
 Delta R.T. -0.017 min
 Lab File: BG050440.D
 Acq: 5 Oct 2021 10:47



Tgt Ion:149 Resp: 285472

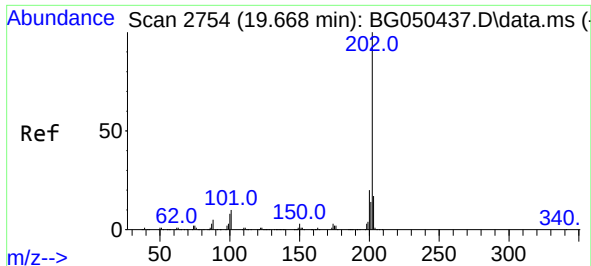
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.7	4.9	7.3



Instrument :
 BNA_G
 ClientSampled :
 EW411MS

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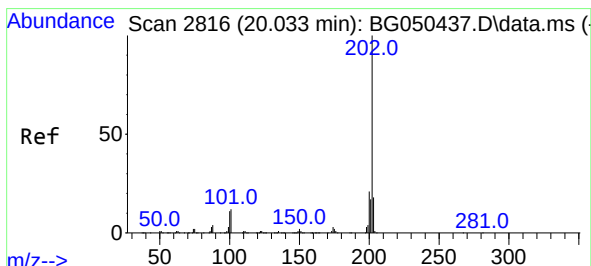
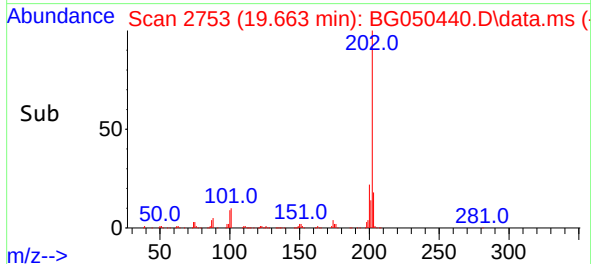
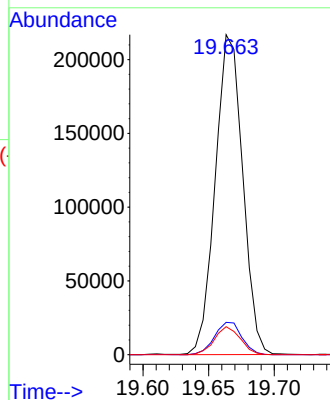
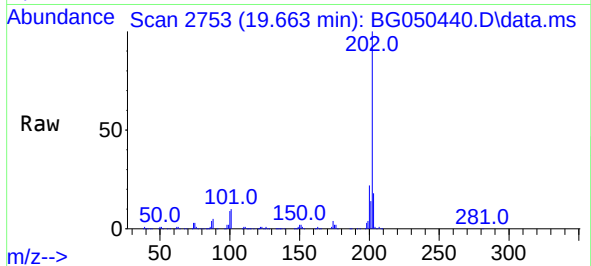
#80
Fluoranthene
Concen: 14.19 ng/ul
RT: 19.663 min Scan# 2753
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampleId :
EW411MS

Tgt Ion:202 Resp: 314954
Ion Ratio Lower Upper
202 100
101 10.1 7.7 11.5
100 8.8 6.6 10.0

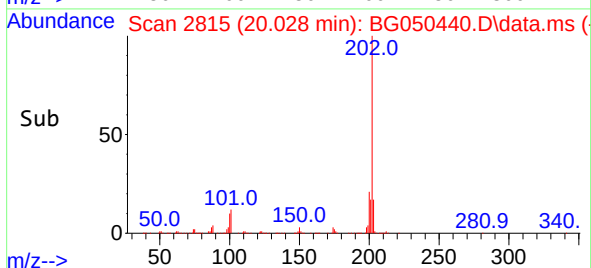
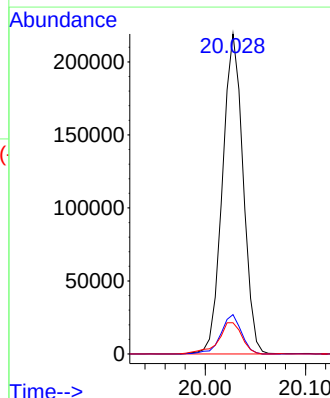
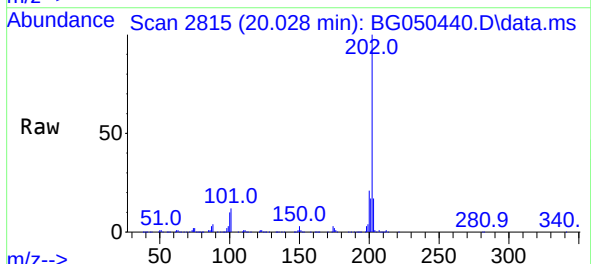
Manual Integrations
APPROVED

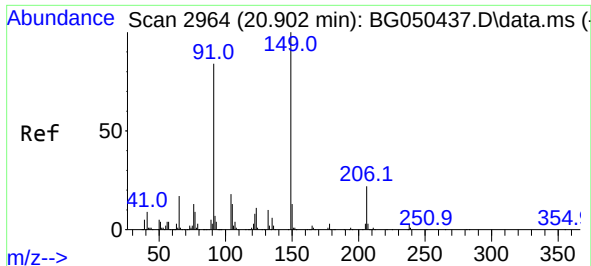
mohammad
10/8/2021 8:31:08 AM



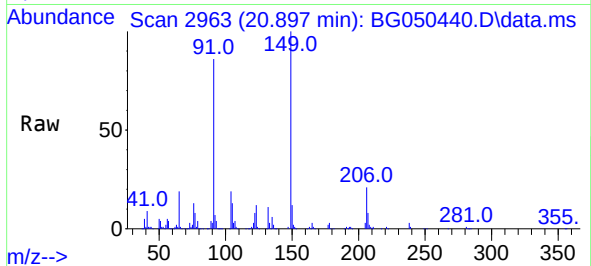
#82
Pyrene
Concen: 14.28 ng/ul
RT: 20.028 min Scan# 2815
Delta R.T. -0.011 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:202 Resp: 312468
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.7 7.6 11.4

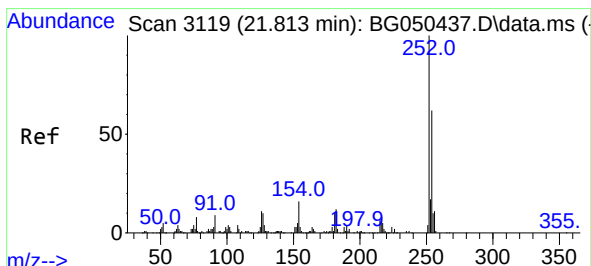
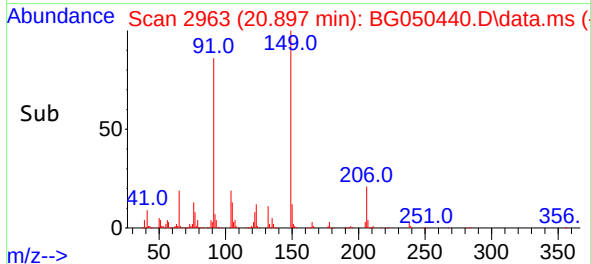
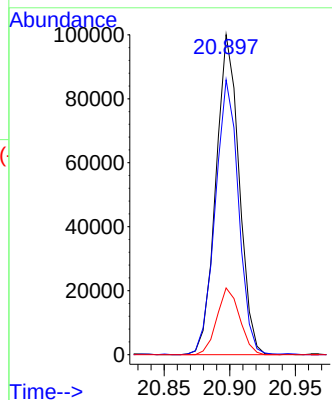




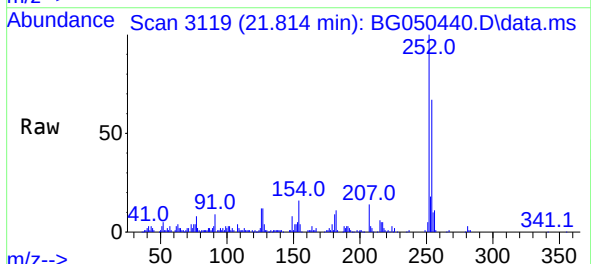
#83
Butylbenzylphthalate
Concen: 15.22 ng/ul
RT: 20.897 min Scan# 2963
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



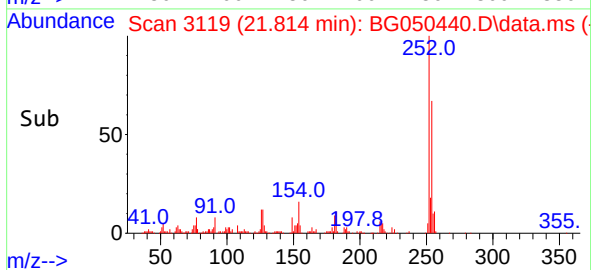
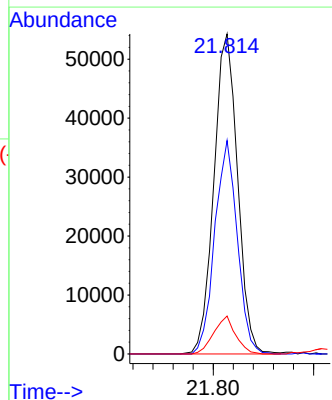
Tgt Ion:149 Resp: 122799
Ion Ratio Lower Upper
149 100
91 85.9 65.8 98.6
206 20.9 17.2 25.8



#84
3,3'-Dichlorobenzidine
Concen: 12.99 ng/ul
RT: 21.814 min Scan# 3119
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



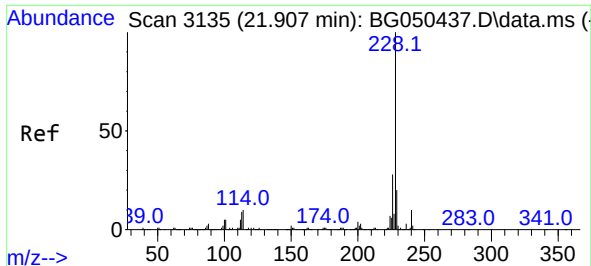
Tgt Ion:252 Resp: 88987
Ion Ratio Lower Upper
252 100
254 66.7 52.2 78.2
126 11.9 8.3 12.5



Instrument :
BNA_G
ClientSampleId :
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#85
Benzo(a)anthracene
Concen: 14.22 ng/ul
RT: 21.908 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

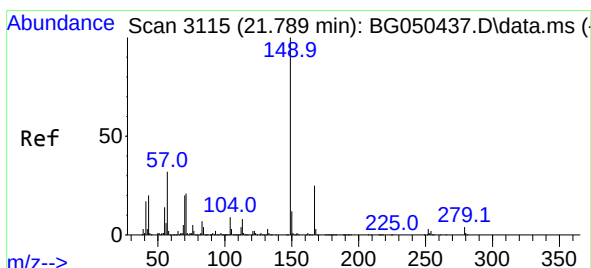
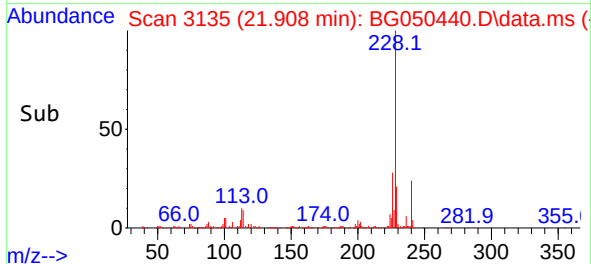
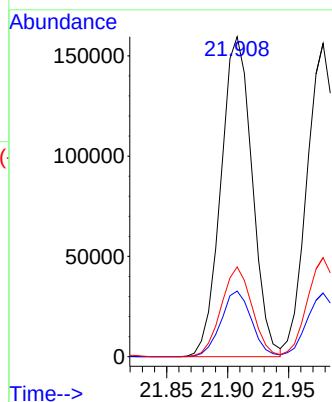
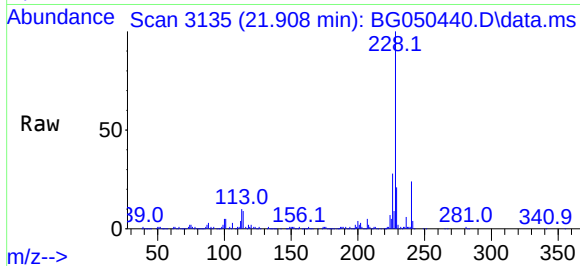
Tgt Ion:228 Resp: 284962

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	28.1	22.2	33.2

Instrument :
BNA_G
ClientSampled :
EW411MS

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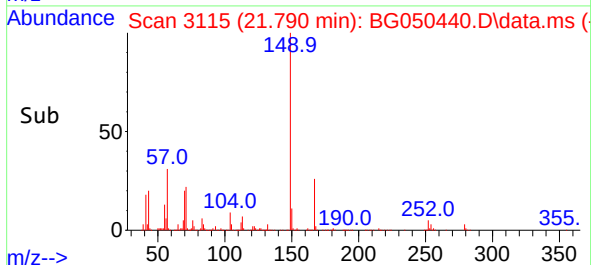
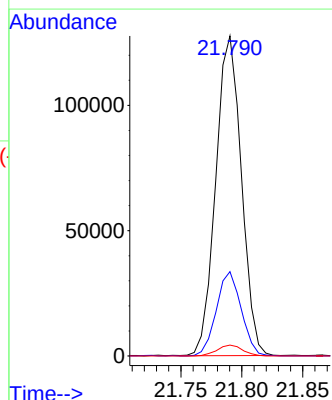
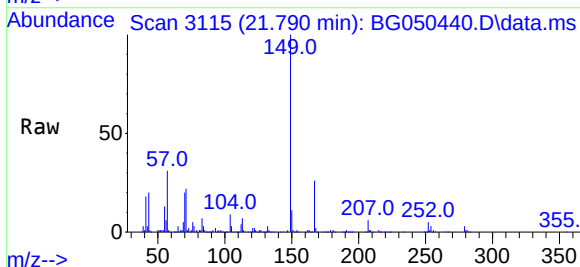
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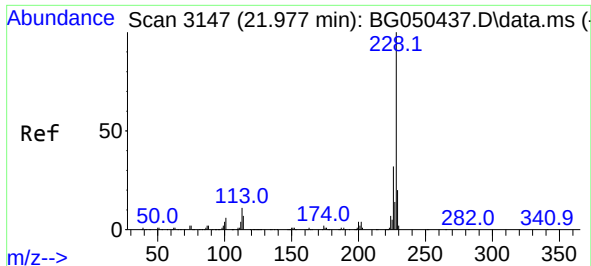


#86
Bis(2-ethylhexyl)phthalate
Concen: 16.10 ng/ul
RT: 21.790 min Scan# 3115
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

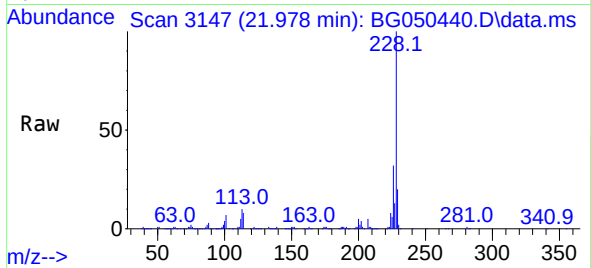
Tgt Ion:149 Resp: 186633

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	2.8	4.2



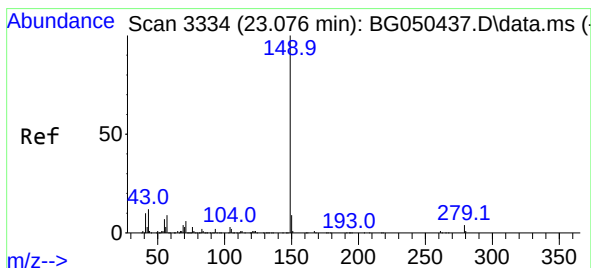
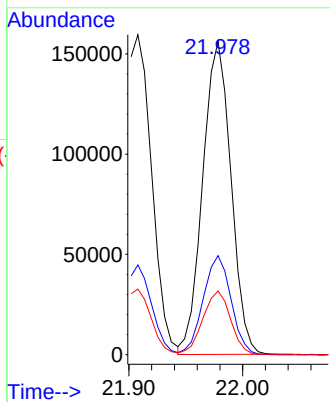
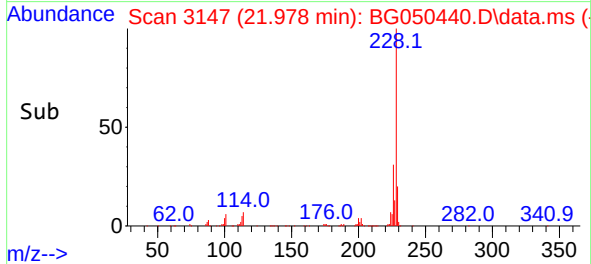


#87
Chrysene
Concen: 14.03 ng/ul
RT: 21.978 min Scan# 3147
Delta R.T. -0.017 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

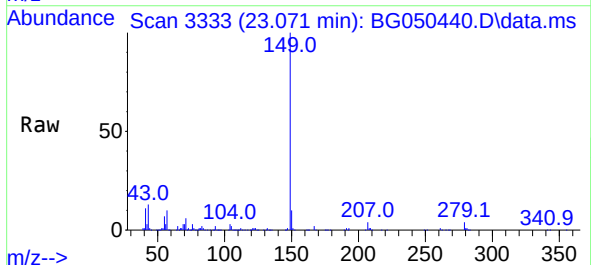


Tgt Ion:228 Resp: 269404

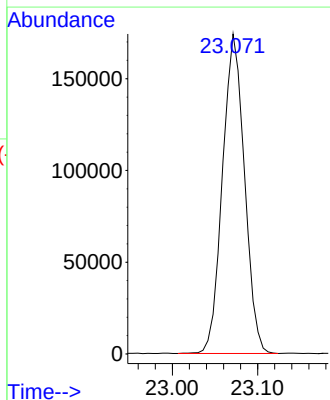
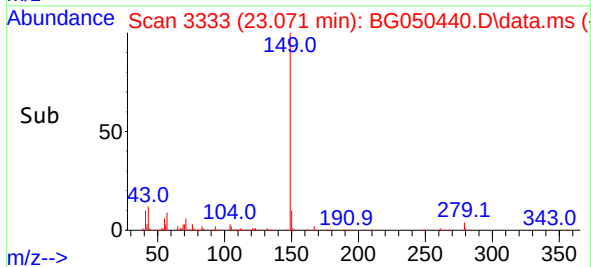
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	20.3	16.2	24.2



#89
Di-n-octyl phthalate
Concen: 16.35 ng/ul
RT: 23.071 min Scan# 3333
Delta R.T. -0.029 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



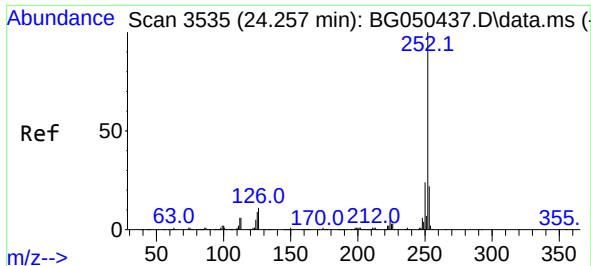
Tgt Ion:149 Resp: 312832



Instrument :
BNA_G
ClientSampleId :
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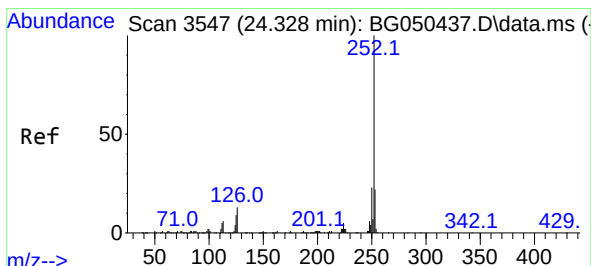
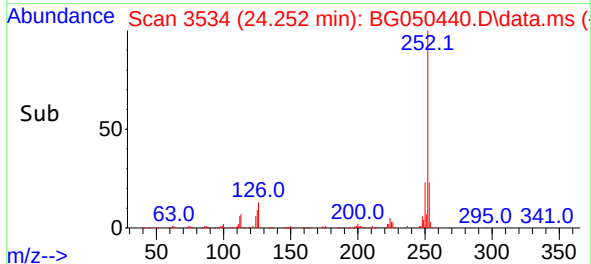
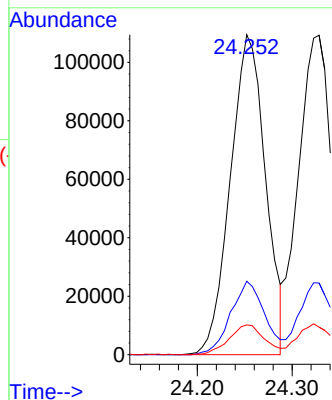
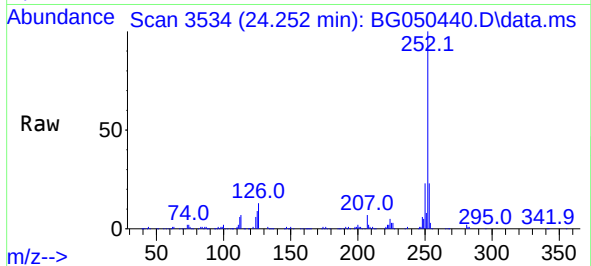
#90
Benzo(b)fluoranthene
Concen: 13.91 ng/ul
RT: 24.252 min Scan# 3534
Delta R.T. -0.029 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Instrument :
BNA_G
ClientSampled :
EW411MS

Tgt Ion:252 Resp: 282091
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.3 6.7 10.1

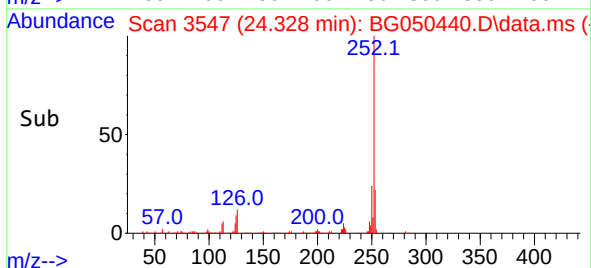
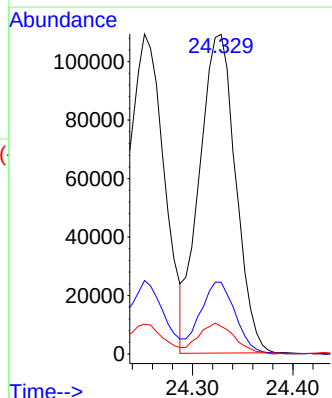
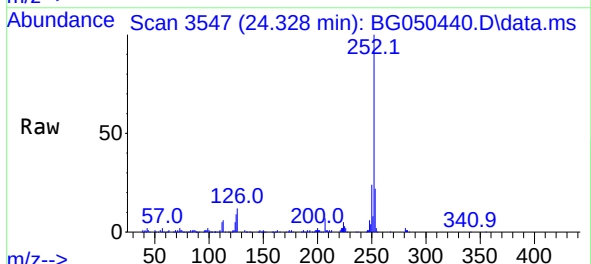
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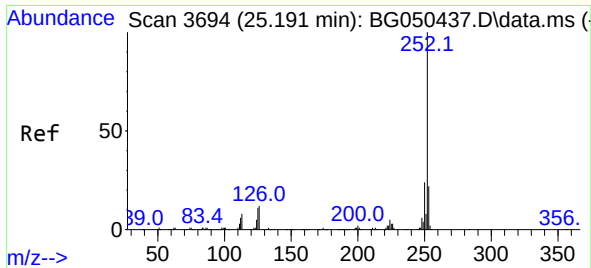
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#91
Benzo(k)fluoranthene
Concen: 14.51 ng/ul
RT: 24.328 min Scan# 3547
Delta R.T. -0.023 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:252 Resp: 273892
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 8.6 7.4 11.0





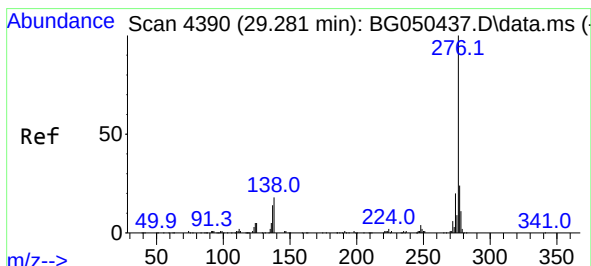
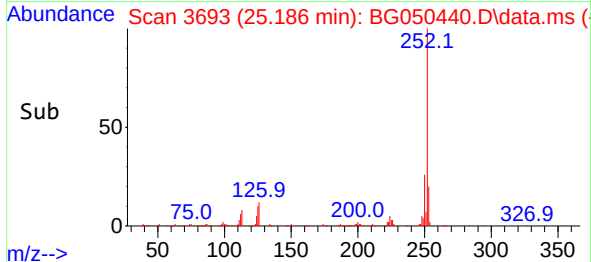
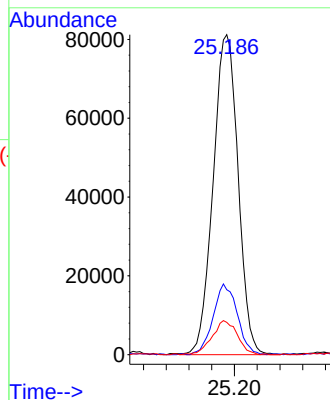
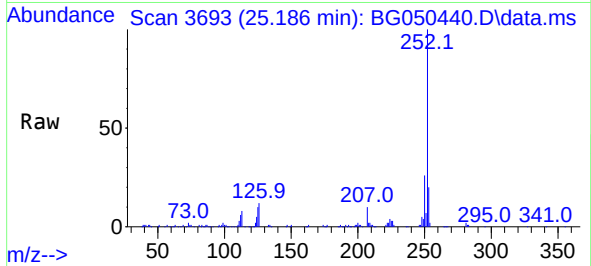
#93
Benzo(a)pyrene
Concen: 12.78 ng/ul
RT: 25.186 min Scan# 3693
Delta R.T. -0.029 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

Tgt Ion:	252	Resp:	247395
Ion Ratio	Lower	Upper	
252	100		
253	20.3	17.8	26.6
125	10.1	8.3	12.5

Instrument :
BNA_G
ClientSampleId :
EW411MS

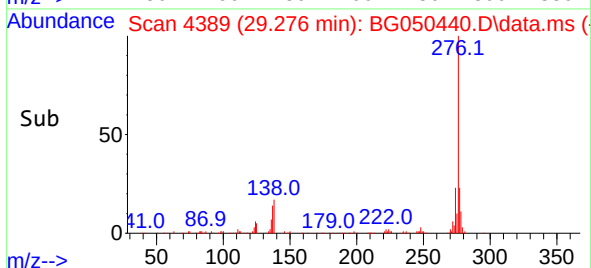
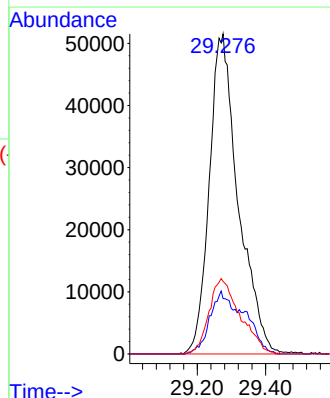
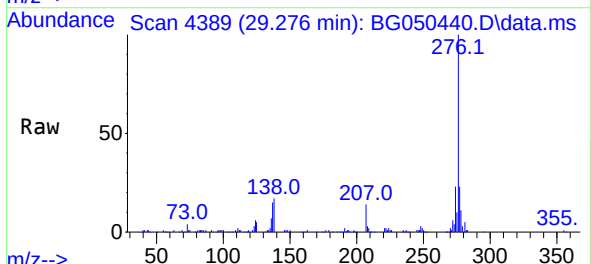
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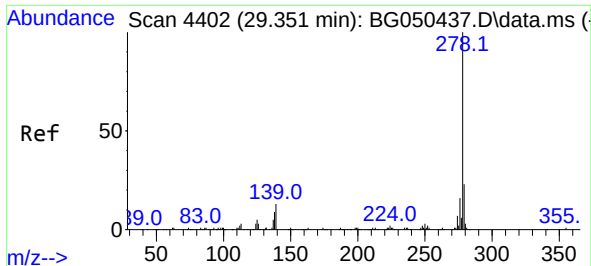
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#94
Indeno(1,2,3-cd)pyrene
Concen: 13.95 ng/ul m
RT: 29.276 min Scan# 4389
Delta R.T. -0.041 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

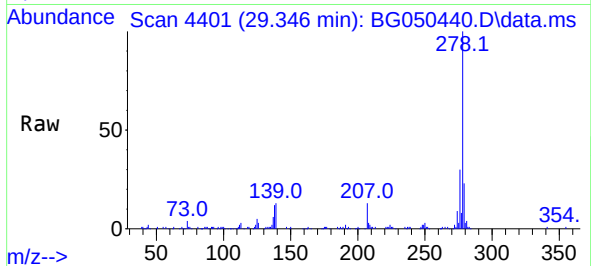
Tgt Ion:	276	Resp:	303035
Ion Ratio	Lower	Upper	
276	100		
138	17.3	12.4	18.6
277	22.7	18.5	27.7





#95
Dibenzo(a,h)anthracene
Concen: 13.88 ng/ul
RT: 29.346 min Scan# 4401
Delta R.T. -0.046 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47

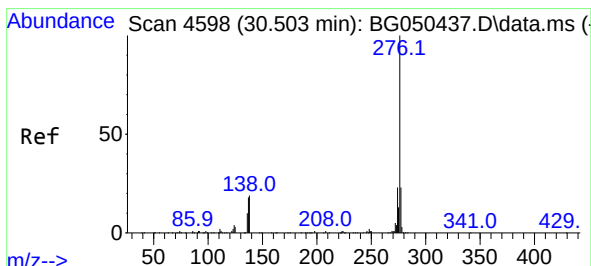
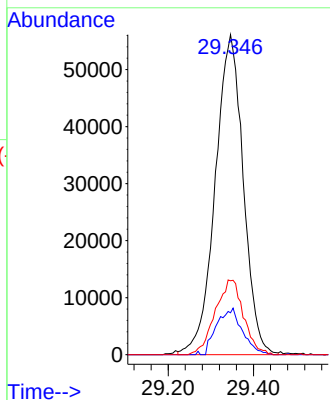
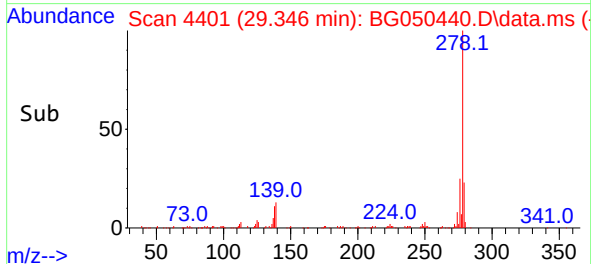
Instrument :
BNA_G
ClientSampleId :
EW411MS



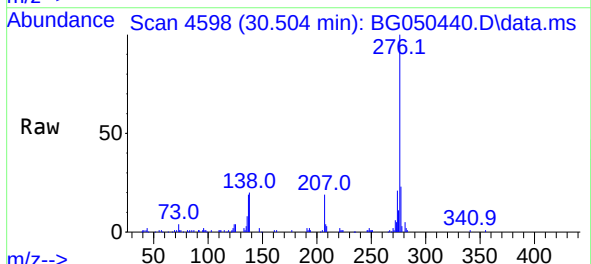
Tgt Ion:278 Resp: 256636
Ion Ratio Lower Upper
278 100
139 13.1 11.3 16.9
279 23.1 18.3 27.5

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#96
Benzo(g,h,i)perylene
Concen: 12.15 ng/ul
RT: 30.504 min Scan# 4598
Delta R.T. -0.052 min
Lab File: BG050440.D
Acq: 5 Oct 2021 10:47



Tgt Ion:276 Resp: 222465
Ion Ratio Lower Upper
276 100
138 20.4 14.1 21.1
277 23.0 17.9 26.9

