

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052442.D
 Acq On : 21 Feb 2022 18:06
 Operator : CG/JU
 Sample : N1534-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NAPL-SOCKMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 00:52:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	36185	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	148131	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	100301	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	220540	20.000	ng	0.00
76) Chrysene-d12	21.934	240	201349	20.000	ng	0.00
86) Perylene-d12	25.400	264	208330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	318510	153.411	ng	0.01
7) Phenol-d6	7.377	99	407382	127.170	ng	0.00
23) Nitrobenzene-d5	9.398	82	320324	93.982	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	214795	149.061	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	714199	98.942	ng	0.00
79) Terphenyl-d14	20.213	244	1146794	100.576	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	37887	39.630	ng	# 44
3) Pyridine	4.011	79	87109	31.417	ng	91
4) n-Nitrosodimethylamine	3.906	42	64200	44.843	ng	83
6) Aniline	7.536	93	55713	14.970	ng	96
8) 2-Chlorophenol	7.789	128	125756	55.060	ng	91
9) Benzaldehyde	7.348	77	58199	29.440	ng	91
10) Phenol	7.407	94	145606	45.746	ng	93
11) bis(2-Chloroethyl)ether	7.624	93	117928	48.472	ng	92
12) 1,3-Dichlorobenzene	8.112	146	136007	52.264	ng	97
13) 1,4-Dichlorobenzene	8.259	146	136139	51.318	ng	98
14) 1,2-Dichlorobenzene	8.588	146	135028	51.610	ng	94
15) Benzyl Alcohol	8.464	79	125879	47.346	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.746	45	164013	46.685	ng	97
17) 2-Methylphenol	8.670	107	108552	51.684	ng	94
18) Hexachloroethane	9.328	117	48771	52.872	ng	90
19) n-Nitroso-di-n-propyla...	9.034	70	109951	45.527	ng	91
20) 3+4-Methylphenols	8.999	107	149994	49.917	ng	93
22) Acetophenone	9.052	105	193757	49.491	ng	# 95
24) Nitrobenzene	9.439	77	161370	49.912	ng	94
25) Isophorone	9.968	82	287748	49.618	ng	99
26) 2-Nitrophenol	10.162	139	72547	52.940	ng	# 85
27) 2,4-Dimethylphenol	10.215	122	121139	59.706	ng	94
28) bis(2-Chloroethoxy)met...	10.444	93	158099	48.037	ng	99
29) 2,4-Dichlorophenol	10.708	162	126514	52.022	ng	98
30) 1,2,4-Trichlorobenzene	10.920	180	144400	50.848	ng	97
31) Naphthalene	11.114	128	420106	54.098	ng	96
32) Benzoic acid	10.379	122	60980	46.672	ng	93
33) 4-Chloroaniline	11.219	127	11279	3.479	ng	95
34) Hexachlorobutadiene	11.396	225	92586	48.276	ng	97
35) Caprolactam	11.995	113	36865m	41.596	ng	
36) 4-Chloro-3-methylphenol	12.335	107	141379	51.099	ng	99
37) 2-Methylnaphthalene	12.711	142	297631	51.601	ng	98
38) 1-Methylnaphthalene	12.929	142	277299	49.614	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.076	216	175687	53.254	ng	98
41) Hexachlorocyclopentadiene	13.058	237	150268	93.604	ng	97
43) 2,4,6-Trichlorophenol	13.311	196	115832	53.685	ng	97

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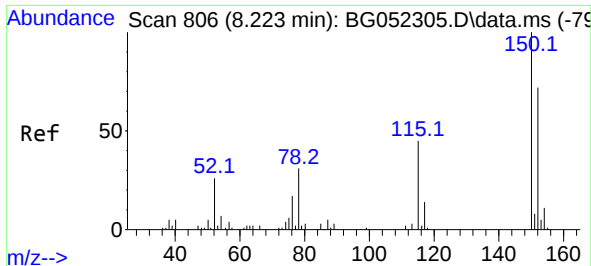
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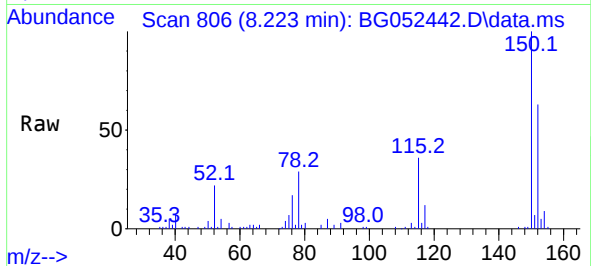
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.387	196	125204	53.547	ng	93
46) 1,1'-Biphenyl	13.704	154	415885	56.545	ng	99
47) 2-Chloronaphthalene	13.751	162	295200	52.096	ng	97
48) 2-Nitroaniline	13.945	65	100944	50.038	ng	95
49) Acenaphthylene	14.597	152	491476	53.282	ng	100
50) Dimethylphthalate	14.309	163	379610	49.405	ng	100
51) 2,6-Dinitrotoluene	14.433	165	87517	52.783	ng	# 86
52) Acenaphthene	14.938	154	289427	47.911	ng	99
53) 3-Nitroaniline	14.762	138	26455	15.350	ng	96
54) 2,4-Dinitrophenol	14.979	184	87464	84.864	ng	97
55) Dibenzofuran	15.267	168	466499	49.104	ng	99
56) 4-Nitrophenol	15.079	139	123657	95.542	ng	86
57) 2,4-Dinitrotoluene	15.226	165	124366	52.699	ng	# 80
58) Fluorene	15.919	166	415462	54.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.496	232	113099	50.633	ng	97
60) Diethylphthalate	15.666	149	376639	48.525	ng	97
61) 4-Chlorophenyl-phenyle...	15.895	204	210876	48.812	ng	96
62) 4-Nitroaniline	15.931	138	80728	44.494	ng	# 87
63) Azobenzene	16.195	77	531372	66.874	ng	91
65) 4,6-Dinitro-2-methylph...	15.989	198	63956	48.207	ng	90
66) n-Nitrosodiphenylamine	16.113	169	339129	55.810	ng	96
67) 4-Bromophenyl-phenylether	16.794	248	140895	52.534	ng	95
68) Hexachlorobenzene	16.929	284	154416	53.084	ng	93
69) Atrazine	17.058	200	134423	54.718	ng	96
70) Pentachlorophenol	17.276	266	169624	119.193	ng	99
71) Phenanthrene	17.664	178	587659	51.690	ng	97
72) Anthracene	17.752	178	602161	54.050	ng	99
73) Carbazole	18.022	167	536364	49.362	ng	98
74) Di-n-butylphthalate	18.556	149	614311	51.890	ng	98
75) Fluoranthene	19.667	202	707103	48.845	ng	99
77) Benzidine	19.831	184	89112	20.712	ng	98
78) Pyrene	20.025	202	707683	52.526	ng	99
80) Butylbenzylphthalate	20.894	149	259514	55.452	ng	93
81) Benzo(a)anthracene	21.917	228	696550	52.278	ng	99
82) 3,3'-Dichlorobenzidine	21.817	252	100680	21.645	ng	97
83) Chrysene	21.987	228	641160	50.781	ng	99
84) Bis(2-ethylhexyl)phtha...	21.787	149	369357	56.917	ng	99
85) Di-n-octyl phthalate	23.080	149	618646	56.861	ng	95
87) Indeno(1,2,3-cd)pyrene	29.412	276	789922	51.815	ng	# 98
88) Benzo(b)fluoranthene	24.296	252	716650	55.203	ng	100
89) Benzo(k)fluoranthene	24.366	252	680876	53.091	ng	98
90) Benzo(a)pyrene	25.241	252	685931	62.548	ng	99
91) Dibenzo(a,h)anthracene	29.477	278	675891	53.669	ng	97
92) Benzo(g,h,i)perylene	30.658	276	674865	54.603	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

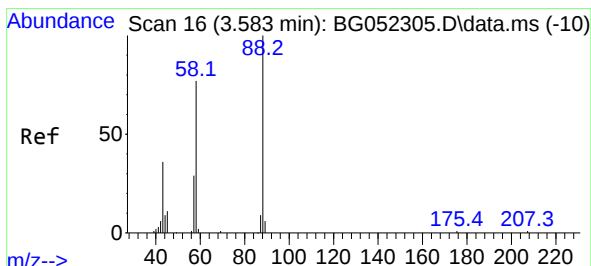
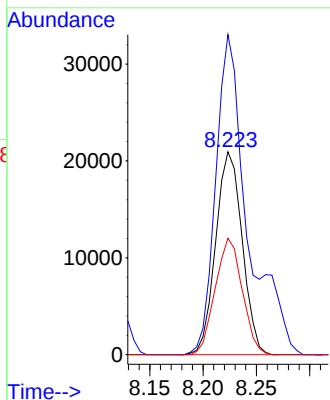
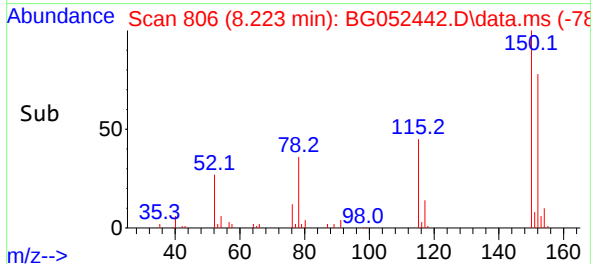
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BNA_G
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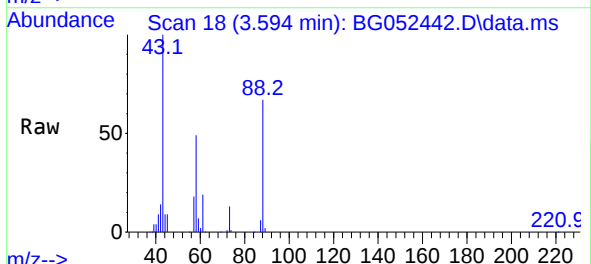
Tgt Ion:152 Resp: 3618
Ion Ratio Lower Upper
152 100
150 157.7 117.8 176.8
115 57.4 50.2 75.2

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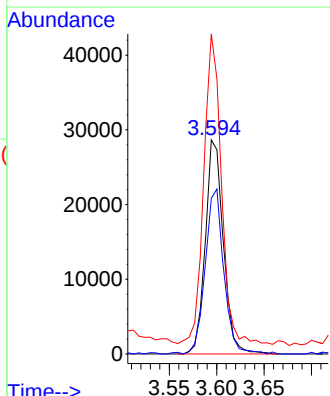
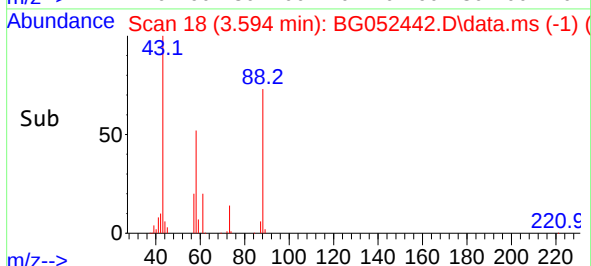
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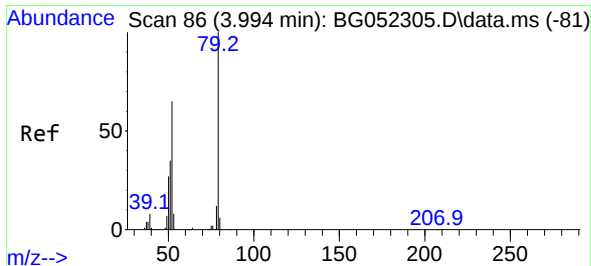


#2
1,4-Dioxane
Concen: 39.630 ng
RT: 3.594 min Scan# 18
Delta R.T. 0.012 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



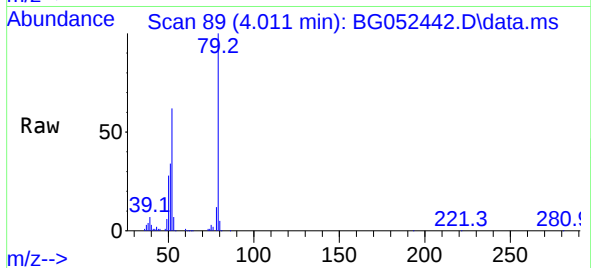
Tgt Ion: 88 Resp: 37887
Ion Ratio Lower Upper
88 100
58 79.8 65.8 98.8
43 141.2 31.6 47.4#





#3
Pyridine
Concen: 31.417 ng
RT: 4.011 min Scan# 89
Delta R.T. 0.018 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

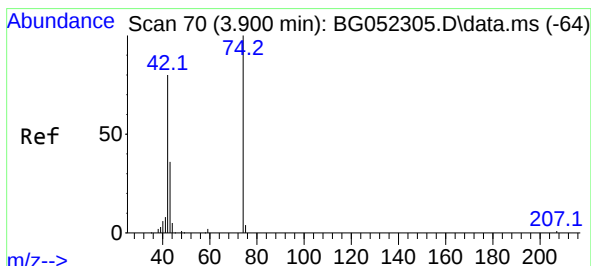
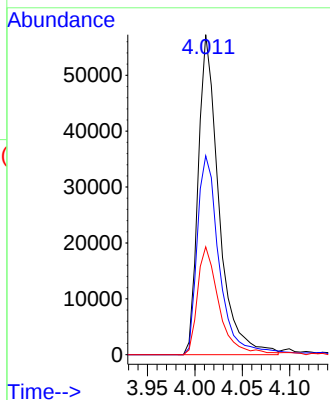
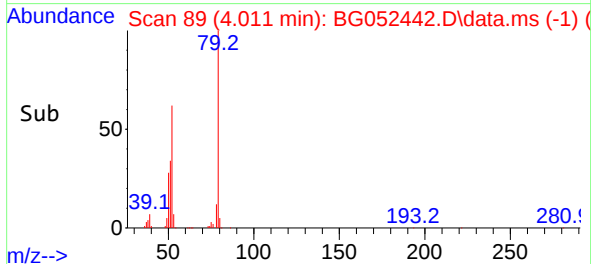
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



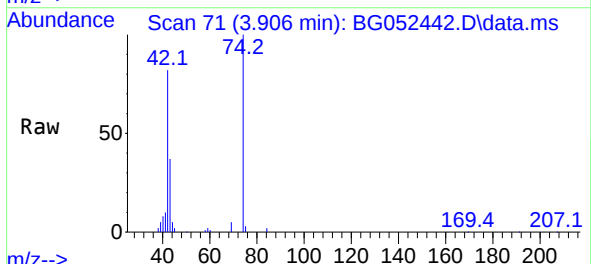
Tgt Ion: 79 Resp: 87109
Ion Ratio Lower Upper
79 100
52 62.2 55.0 82.6
51 33.7 32.5 48.7

Manual Integrations
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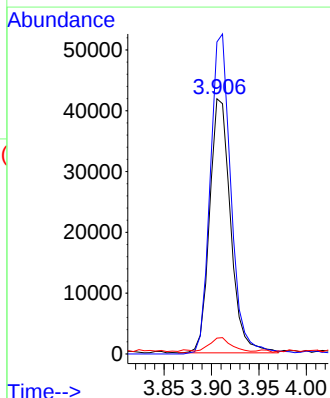
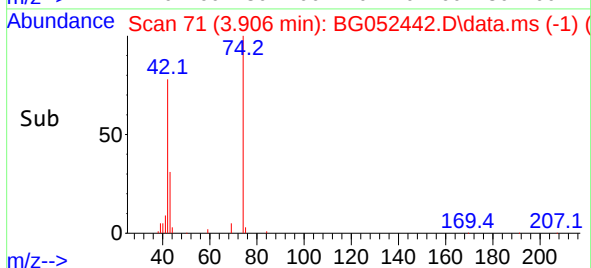
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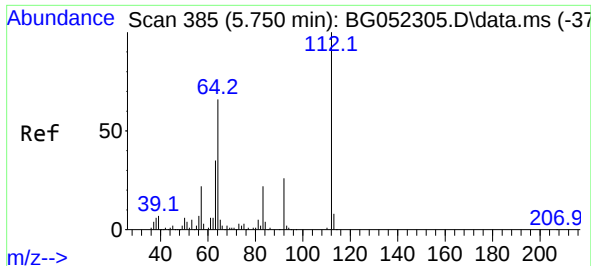


#4
n-Nitrosodimethylamine
Concen: 44.843 ng
RT: 3.906 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



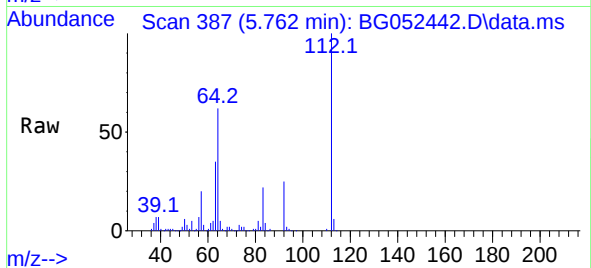
Tgt Ion: 42 Resp: 64200
Ion Ratio Lower Upper
42 100
74 122.3 83.0 124.4
44 6.2 5.0 7.6





#5
2-Fluorophenol
Concen: 153.411 ng
RT: 5.762 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

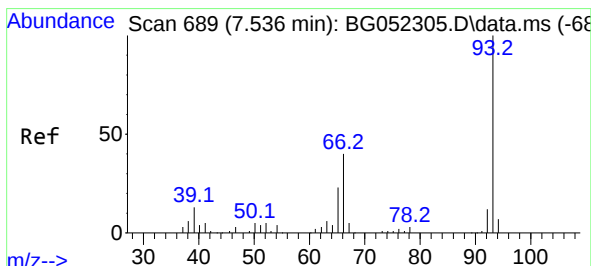
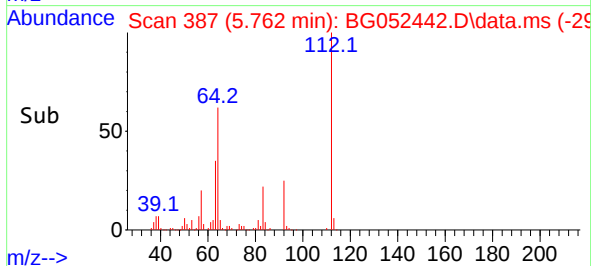
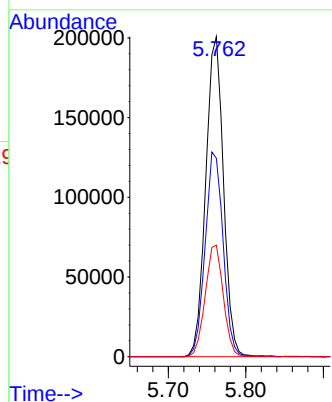
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Tgt Ion:112 Resp: 318510
Ion Ratio Lower Upper
112 100
64 62.0 60.4 90.6
63 34.9 33.3 49.9

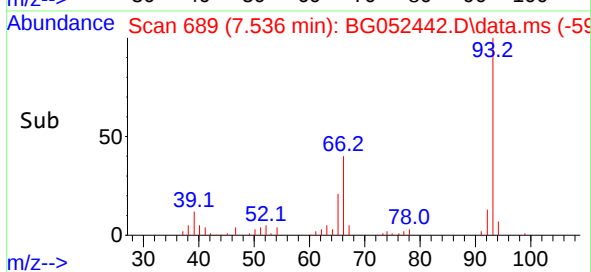
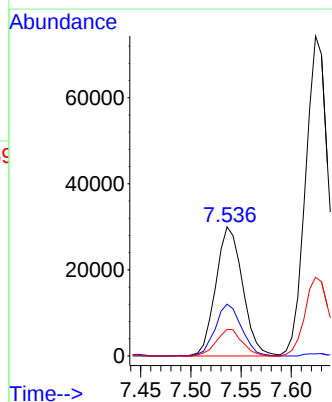
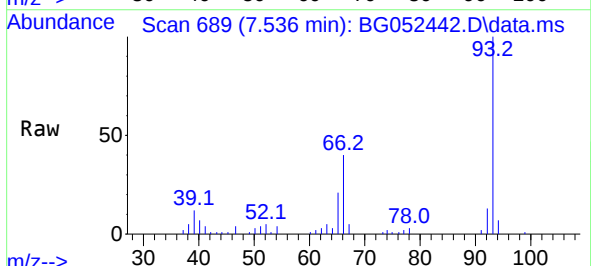
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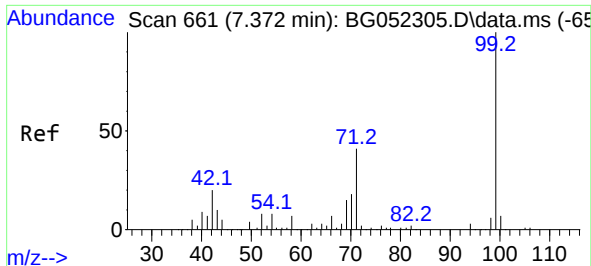
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#6
Aniline
Concen: 14.970 ng
RT: 7.536 min Scan# 689
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

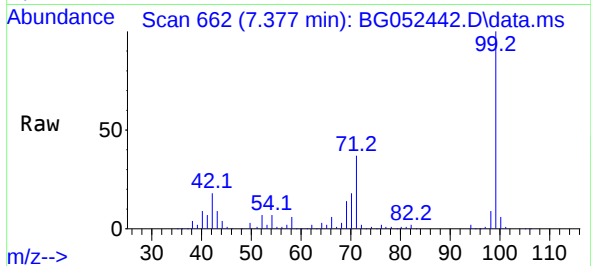
Tgt Ion: 93 Resp: 55713
Ion Ratio Lower Upper
93 100
66 40.2 34.3 51.5
65 20.5 17.6 26.4





#7
Phenol-d6
Concen: 127.170 ng
RT: 7.377 min Scan# 661
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

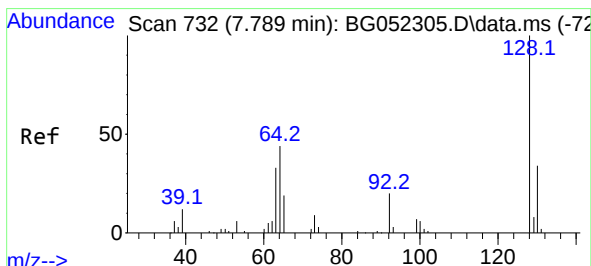
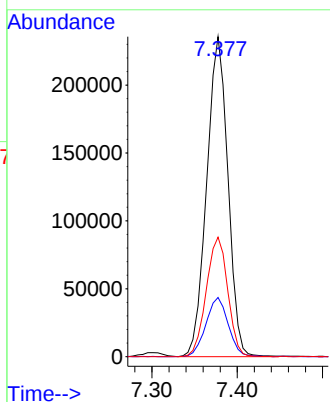
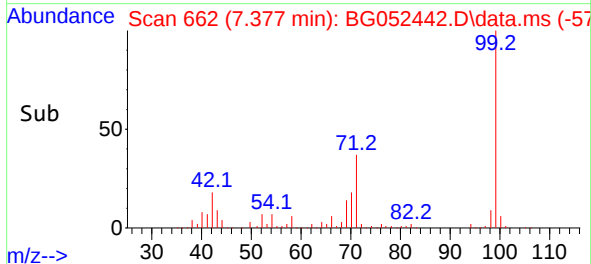
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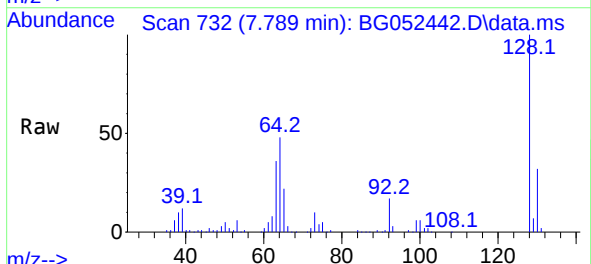
Tgt Ion: 99 Resp: 40738
Ion Ratio Lower Upper
99 100
42 18.5 19.1 28.7
71 37.3 33.4 50.2

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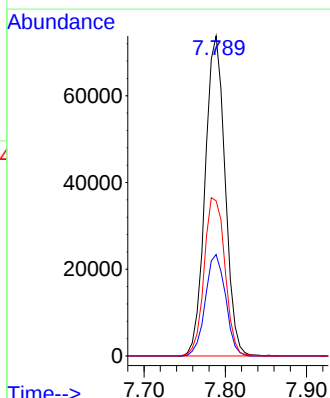
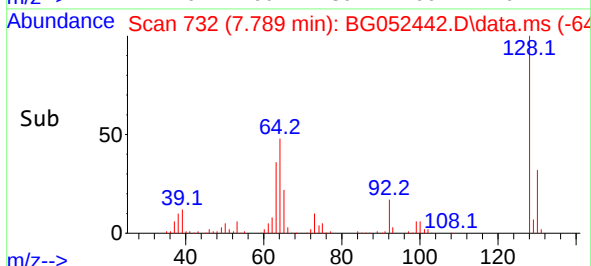
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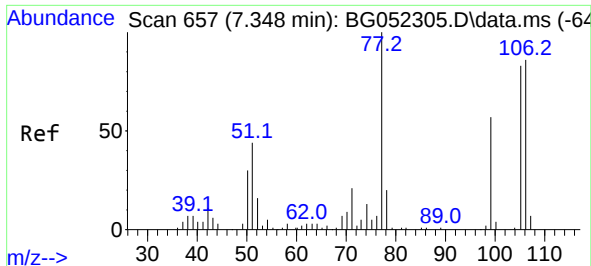


#8
2-Chlorophenol
Concen: 55.060 ng
RT: 7.789 min Scan# 732
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:128 Resp: 125756
Ion Ratio Lower Upper
128 100
130 31.7 13.6 53.6
64 48.5 37.8 77.8





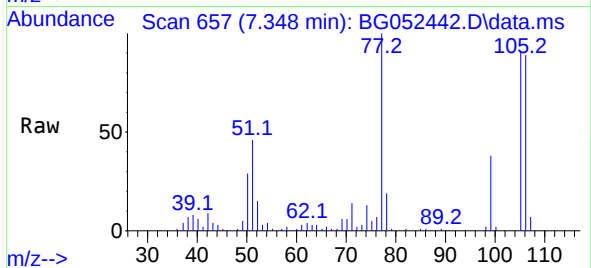
#9
Benzaldehyde
Concen: 29.440 ng
RT: 7.348 min Scan# 657
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

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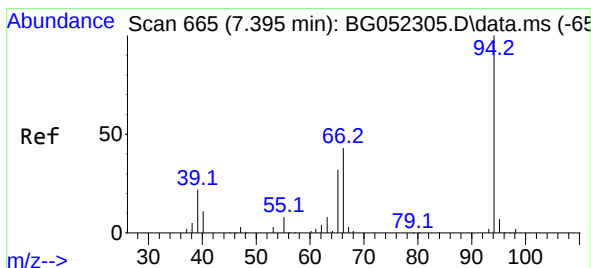
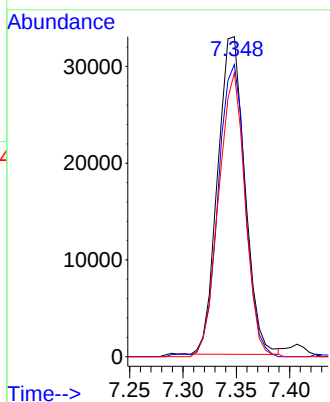
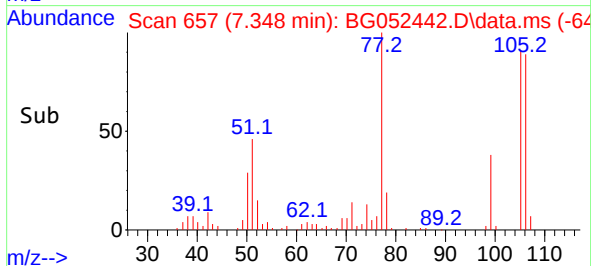


Tgt Ion: 77 Resp: 58199
Ion Ratio Lower Upper
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105 91.3 66.1 106.1
106 88.7 58.1 98.1

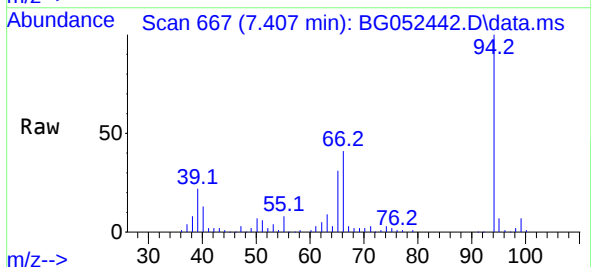
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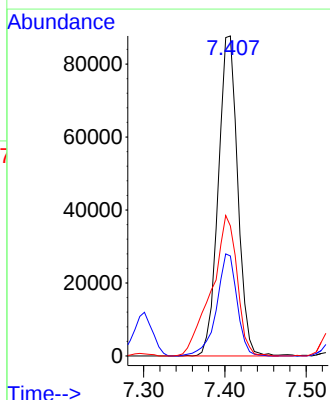
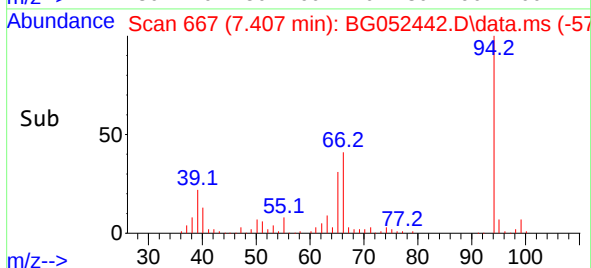
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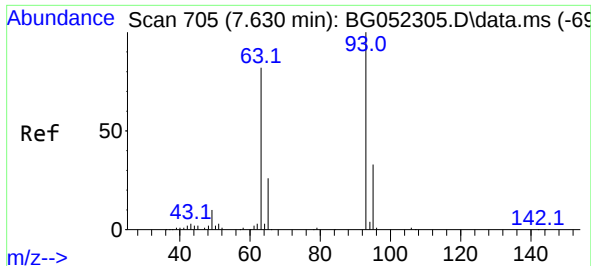


#10
Phenol
Concen: 45.746 ng
RT: 7.407 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion: 94 Resp: 145606
Ion Ratio Lower Upper
94 100
65 31.3 14.1 54.1
66 40.6 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 48.472 ng
RT: 7.624 min Scan# 705
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

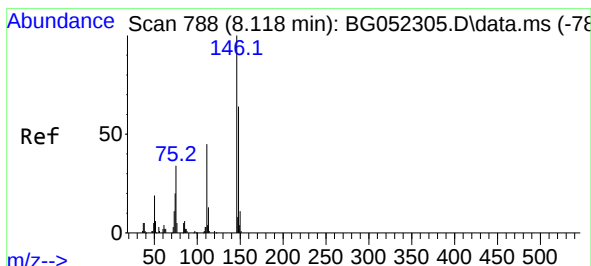
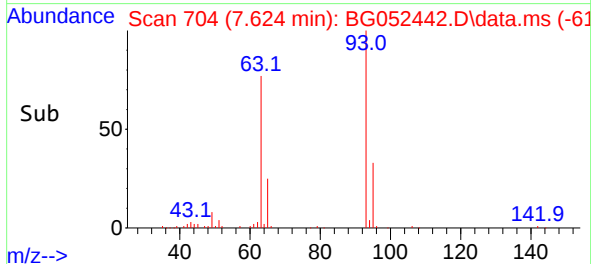
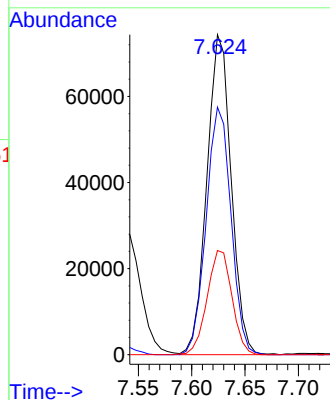
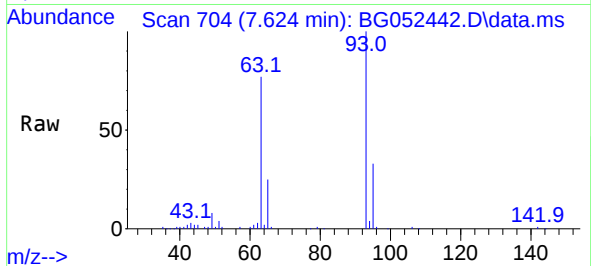
NAPL-SOCKMS

Tgt Ion: 93 Resp: 117928
Ion Ratio Lower Upper
93 100
63 77.4 67.1 107.1
95 32.5 13.0 53.0

Manual Integrations

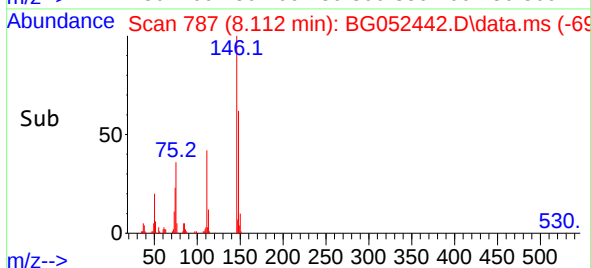
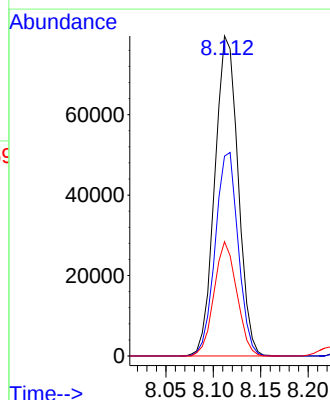
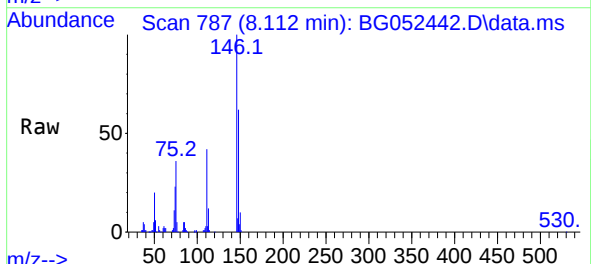
APPROVED

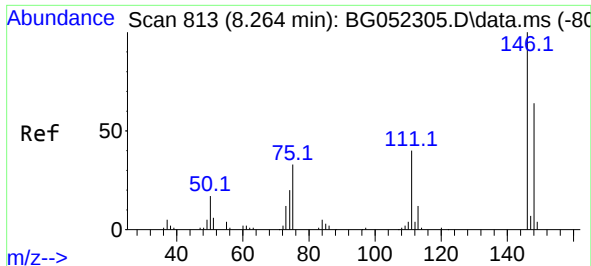
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#12
1,3-Dichlorobenzene
Concen: 52.264 ng
RT: 8.112 min Scan# 787
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

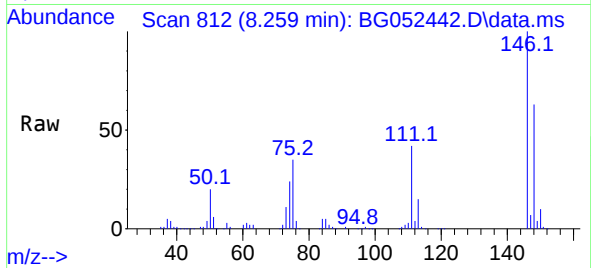
Tgt Ion:146 Resp: 136007
Ion Ratio Lower Upper
146 100
148 62.5 49.1 73.7
75 35.7 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 51.318 ng
RT: 8.259 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

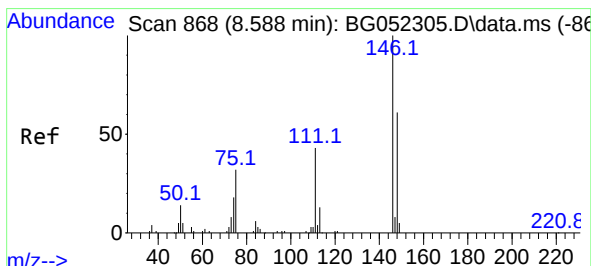
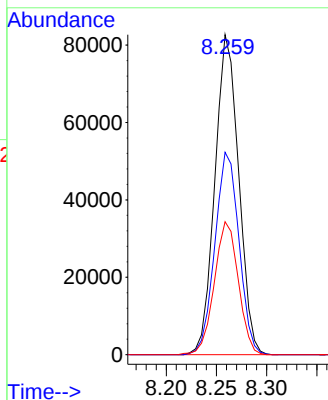
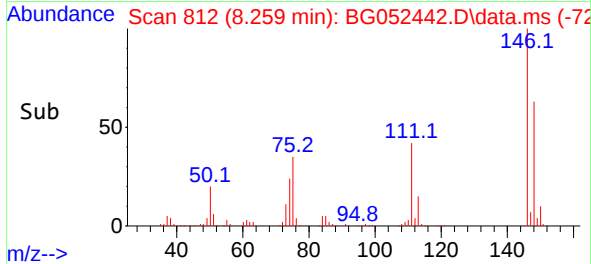
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



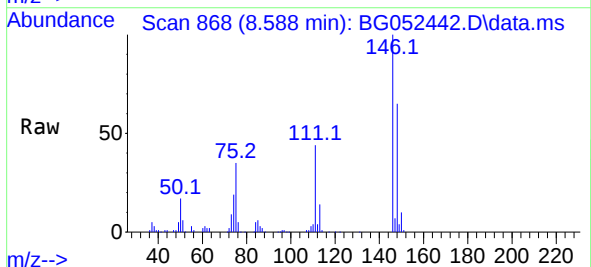
Tgt Ion:146 Resp: 136139
Ion Ratio Lower Upper
146 100
148 63.2 52.6 78.8
111 41.6 33.8 50.8

Manual Integrations
APPROVED

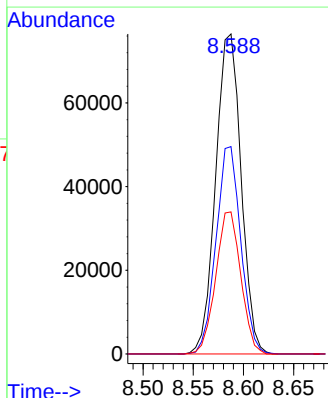
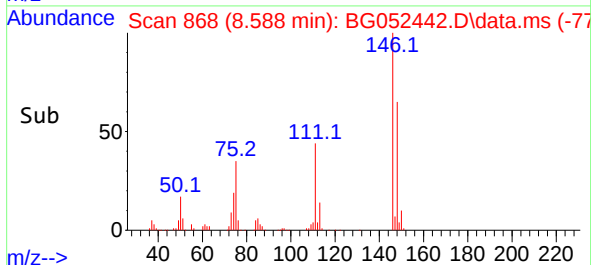
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

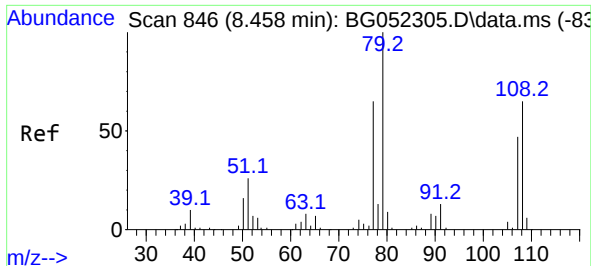


#14
1,2-Dichlorobenzene
Concen: 51.610 ng
RT: 8.588 min Scan# 868
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:146 Resp: 135028
Ion Ratio Lower Upper
146 100
148 64.8 46.5 69.7
111 44.4 37.0 55.4





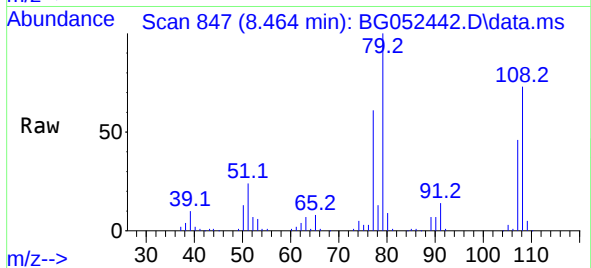
#15
Benzyl Alcohol
Concen: 47.346 ng
RT: 8.464 min Scan# 847
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

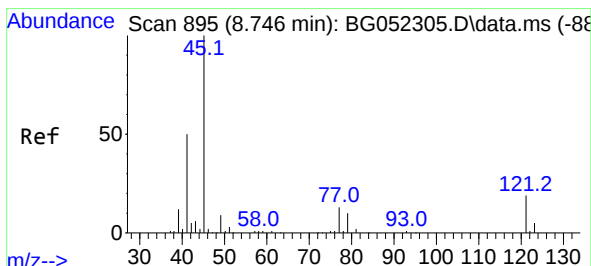
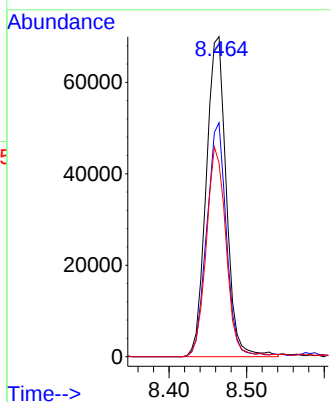
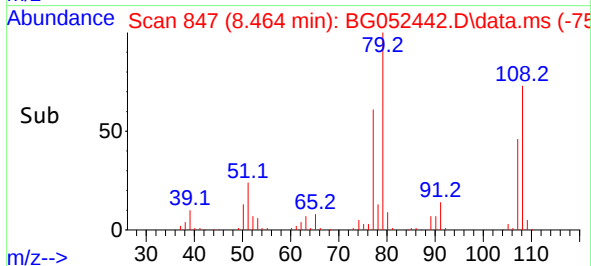


Tgt Ion: 79 Resp: 125879
Ion Ratio Lower Upper
79 100
108 73.1 53.8 80.6
77 60.6 54.4 81.6

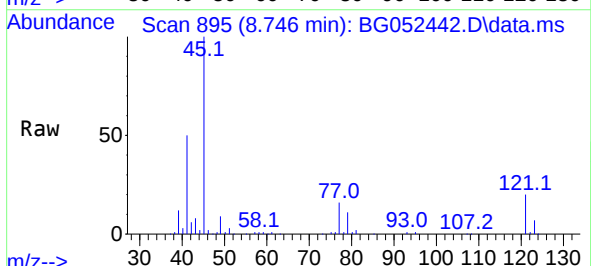
Manual Integrations

APPROVED

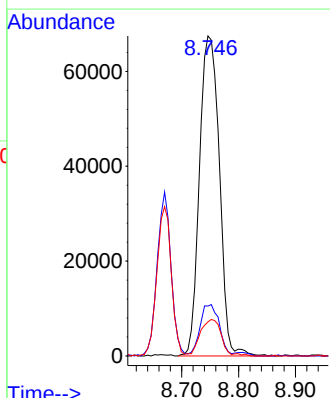
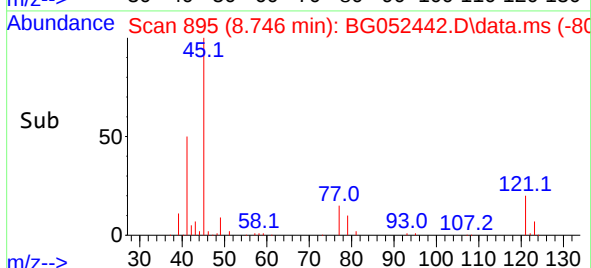
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

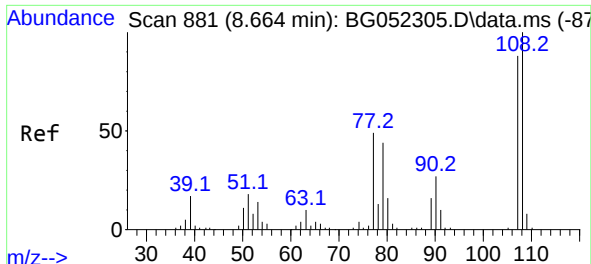


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.685 ng
RT: 8.746 min Scan# 895
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion: 45 Resp: 164013
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.8
79 10.6 0.0 31.1





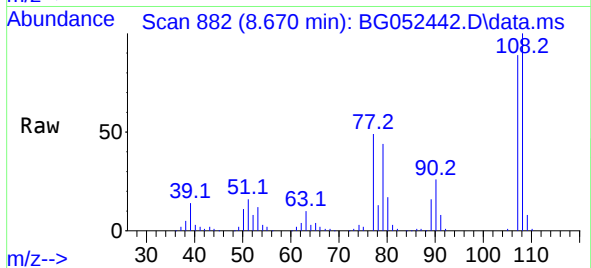
#17
2-Methylphenol
Concen: 51.684 ng
RT: 8.670 min Scan# 881
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

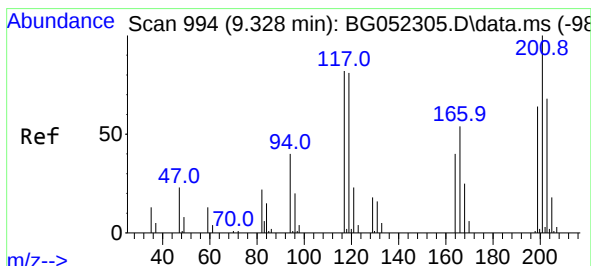
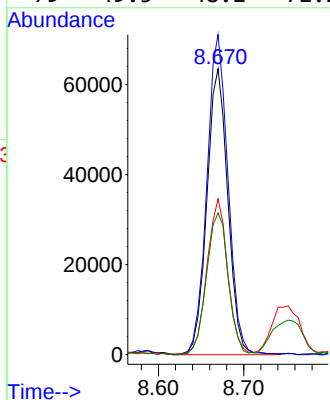
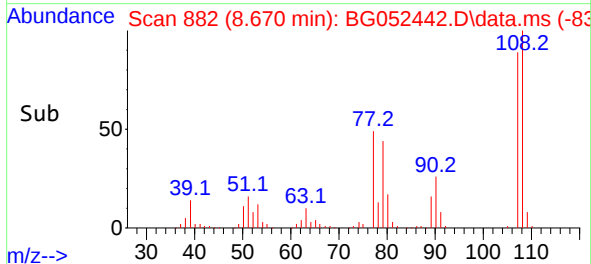


Tgt Ion:107 Resp: 108552
Ion Ratio Lower Upper
107 100
108 111.9 90.3 135.5
77 54.5 49.0 73.6
79 49.5 48.2 72.2

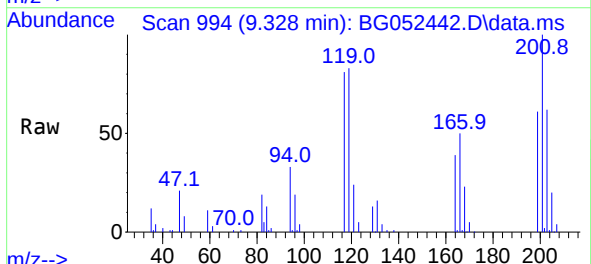
Manual Integrations

APPROVED

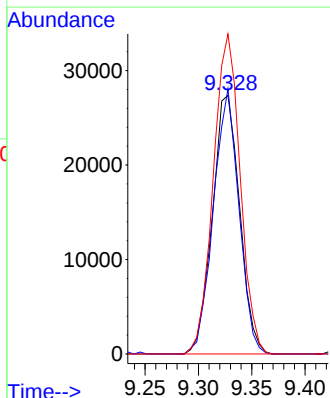
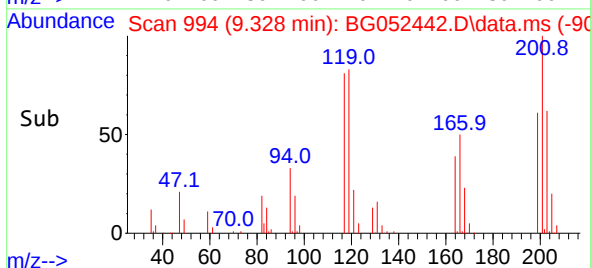
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

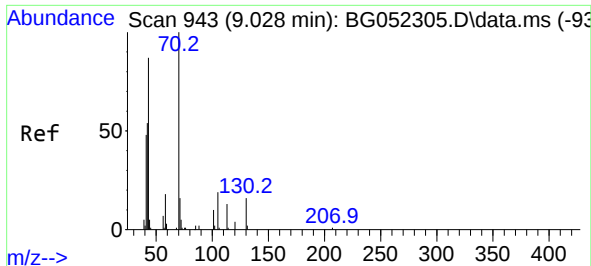


#18
Hexachloroethane
Concen: 52.872 ng
RT: 9.328 min Scan# 994
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:117 Resp: 48771
Ion Ratio Lower Upper
117 100
119 102.5 73.5 110.3
201 123.7 91.0 136.6





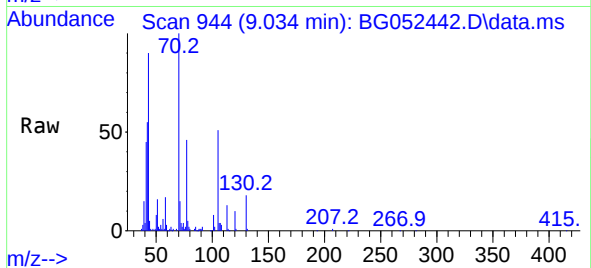
#19
n-Nitroso-di-n-propylamine
Concen: 45.527 ng
RT: 9.034 min Scan# 943
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

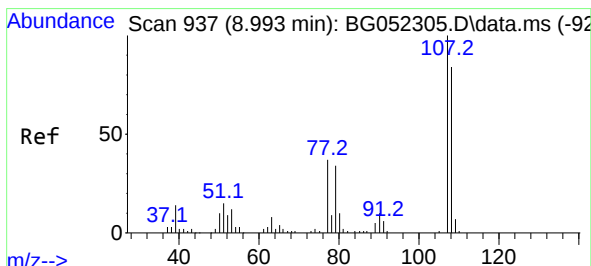
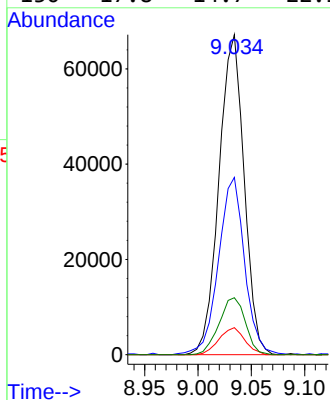
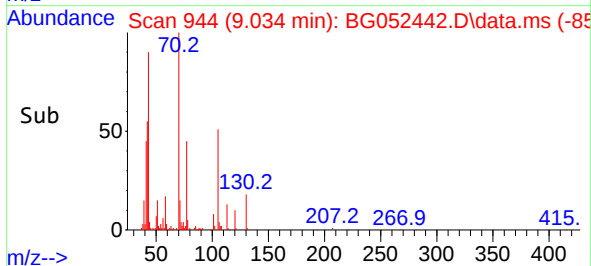


Tgt Ion: 70 Resp: 10995
Ion Ratio Lower Upper
70 100
42 55.4 51.8 77.6
101 8.4 6.6 10.0
130 17.8 14.7 22.1

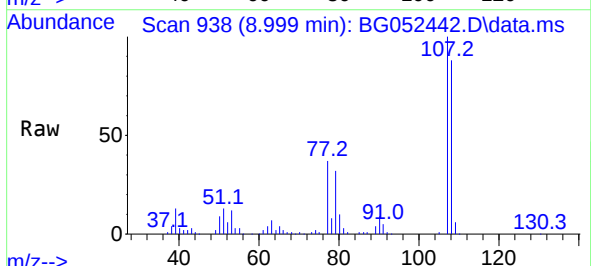
Manual Integrations

APPROVED

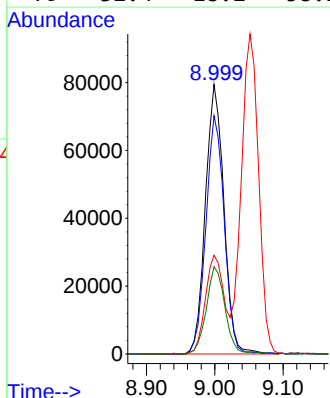
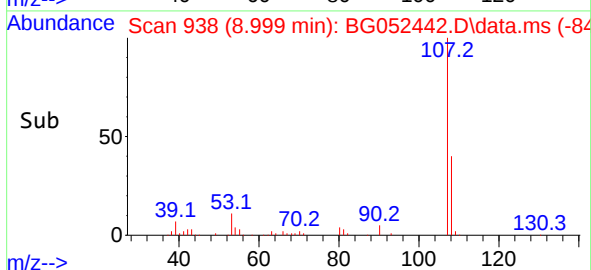
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

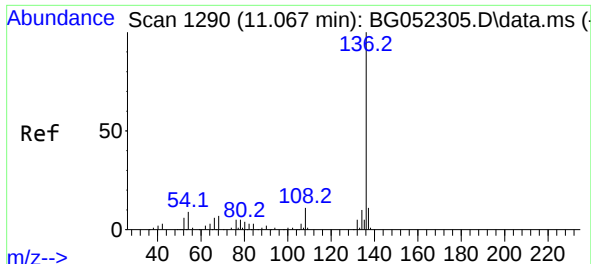


#20
3+4-Methylphenols
Concen: 49.917 ng
RT: 8.999 min Scan# 938
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:107 Resp: 149994
Ion Ratio Lower Upper
107 100
108 88.4 71.9 111.9
77 36.6 24.6 64.6
79 32.4 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

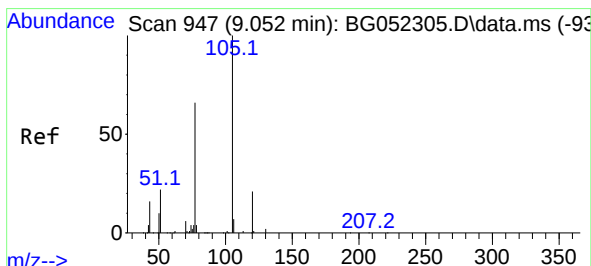
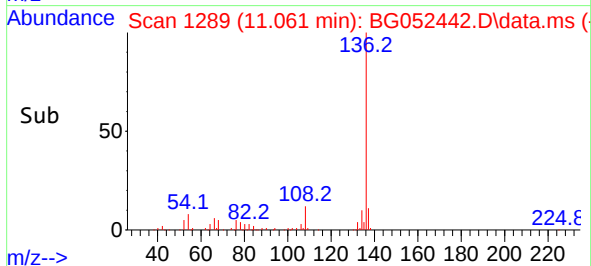
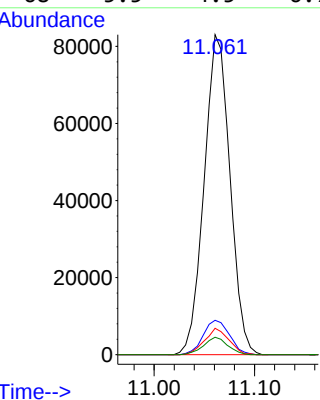
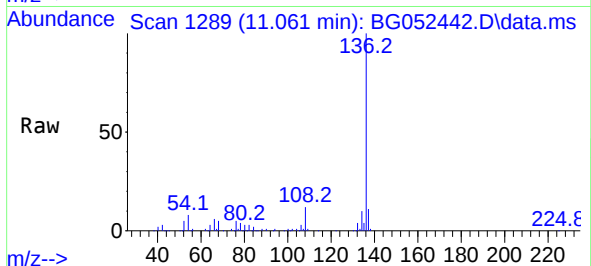
NAPL-SOCKMS

Tgt Ion:136 Resp: 14813
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.3 8.3 12.5
68 5.5 4.5 6.7

Manual Integrations

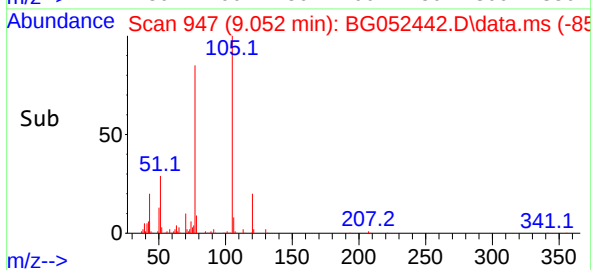
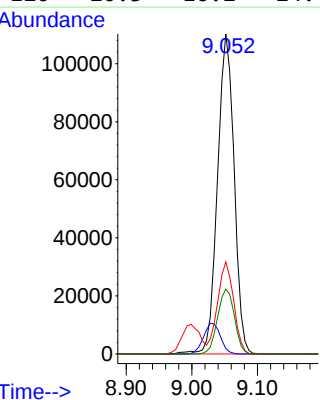
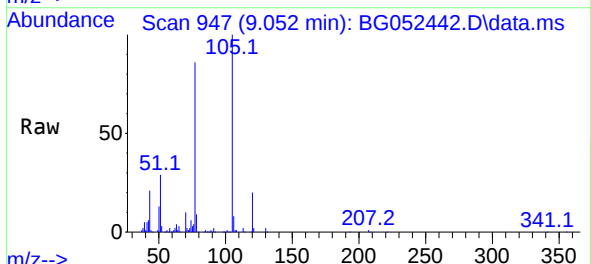
APPROVED

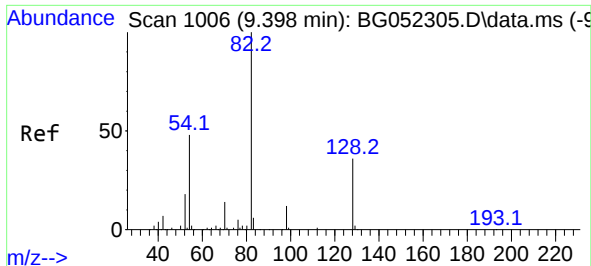
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#22
Acetophenone
Concen: 49.491 ng
RT: 9.052 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:105 Resp: 193757
Ion Ratio Lower Upper
105 100
71 1.7 1.8 2.6#
51 28.8 27.0 40.4
120 20.3 16.2 24.4





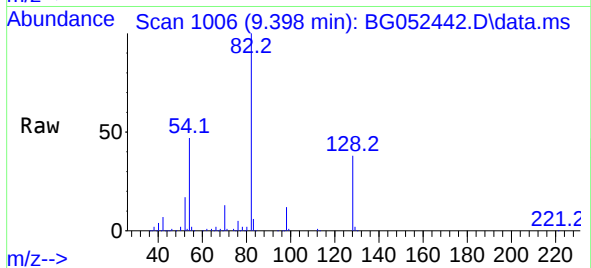
#23
Nitrobenzene-d5
Concen: 93.982 ng
RT: 9.398 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

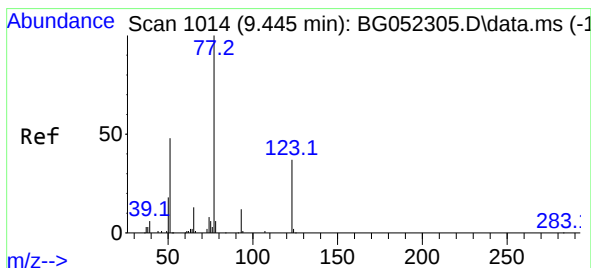
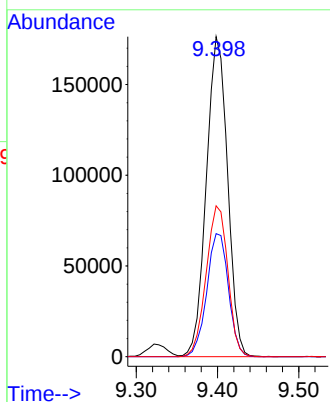
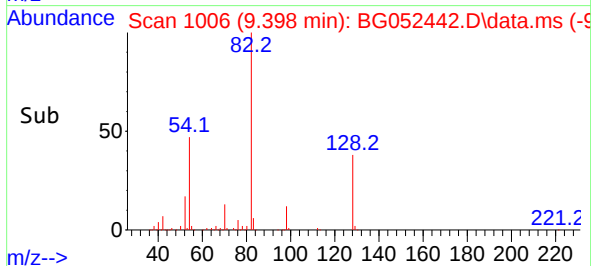


Tgt Ion: 82 Resp: 320324
Ion Ratio Lower Upper
82 100
128 38.4 27.0 40.4
54 47.2 41.0 61.6

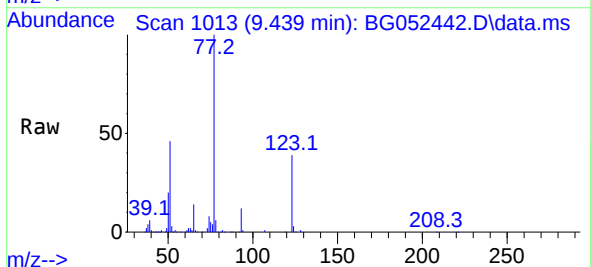
Manual Integrations

APPROVED

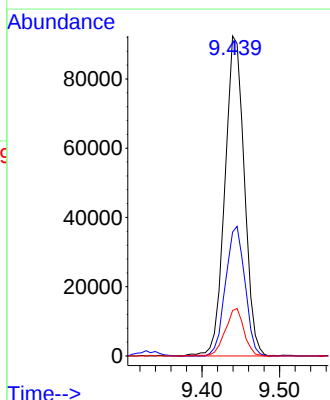
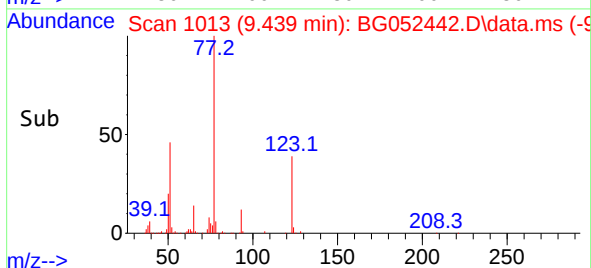
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

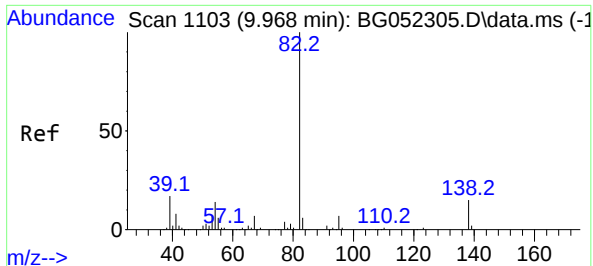


#24
Nitrobenzene
Concen: 49.912 ng
RT: 9.439 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion: 77 Resp: 161370
Ion Ratio Lower Upper
77 100
123 38.7 27.1 40.7
65 14.2 11.2 16.8





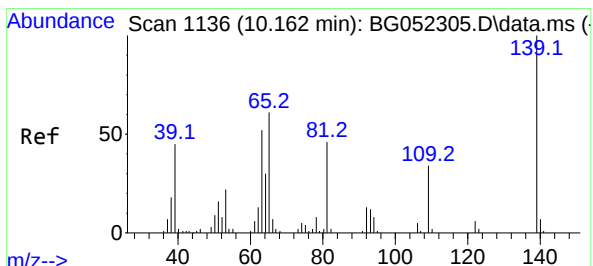
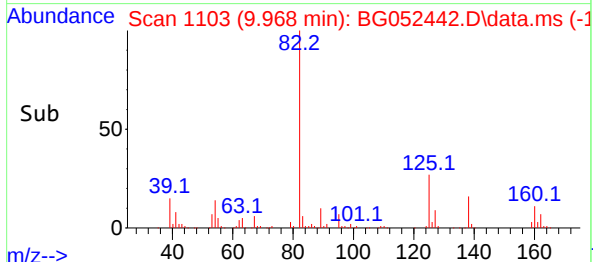
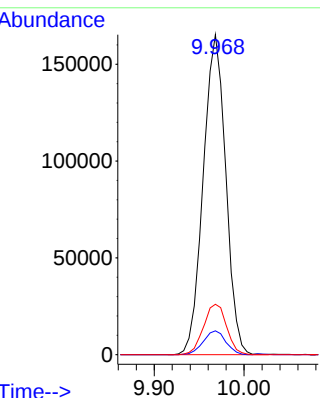
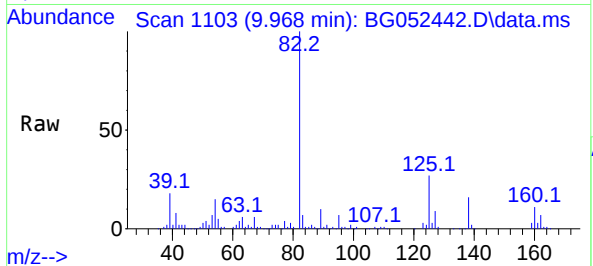
#25
Isophorone
Concen: 49.618 ng
RT: 9.968 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS

Tgt Ion: 82 Resp: 28774
Ion Ratio Lower Upper
82 100
95 7.5 6.6 9.8
138 15.7 12.5 18.7

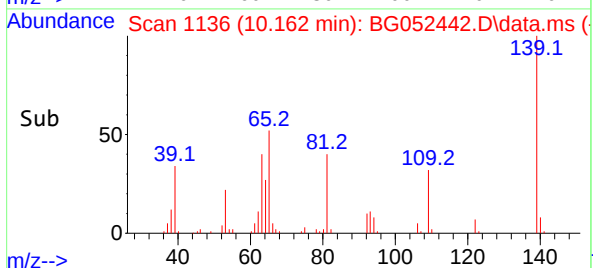
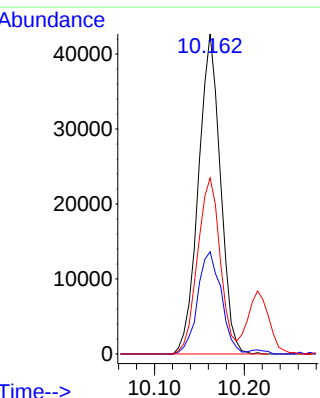
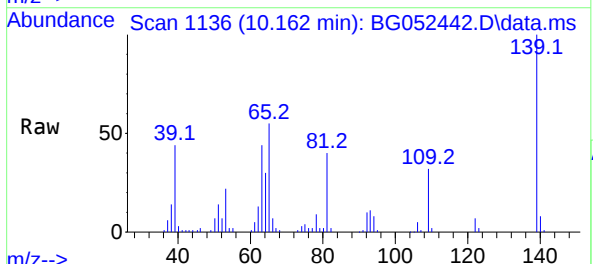
Manual Integrations
APPROVED

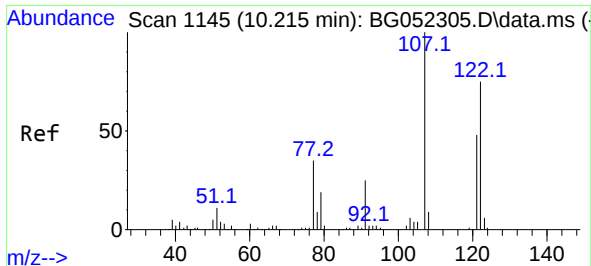
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#26
2-Nitrophenol
Concen: 52.940 ng
RT: 10.162 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:139 Resp: 72547
Ion Ratio Lower Upper
139 100
109 32.0 30.4 45.6
65 55.0 55.7 83.5#





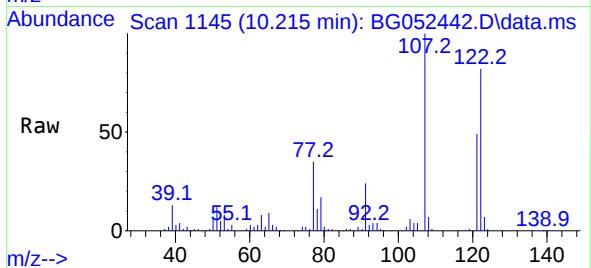
#27
2,4-Dimethylphenol
Concen: 59.706 ng
RT: 10.215 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

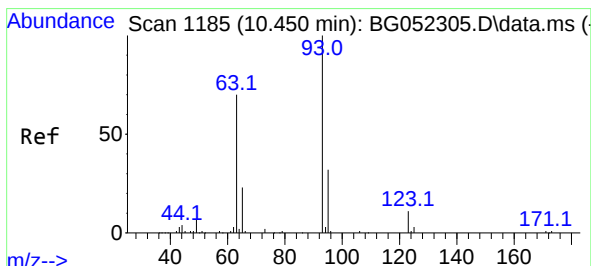
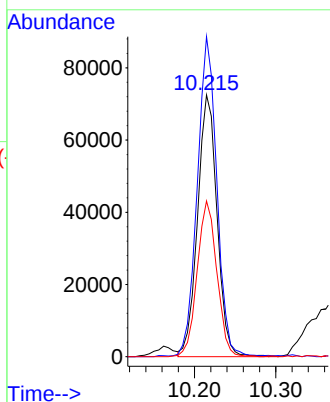
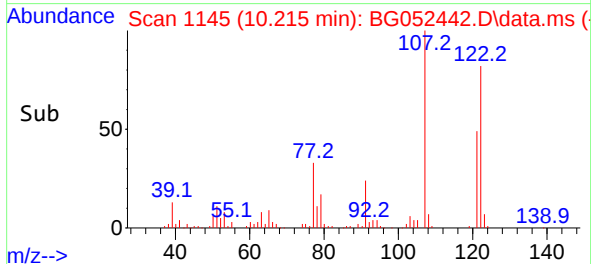


Tgt Ion:122 Resp: 121139
Ion Ratio Lower Upper
122 100
107 122.2 105.8 158.8
121 59.5 48.6 72.8

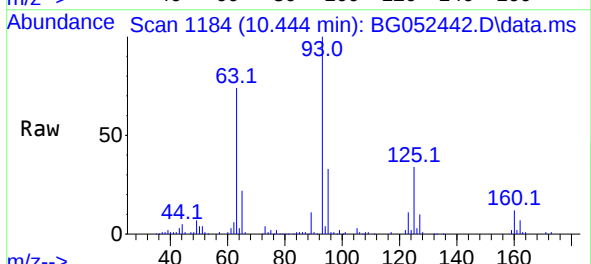
Manual Integrations

APPROVED

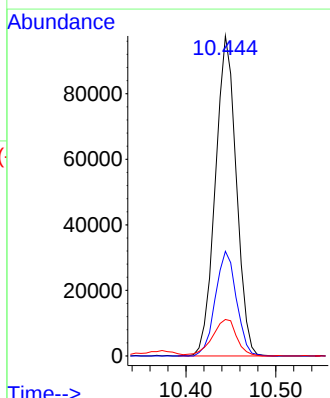
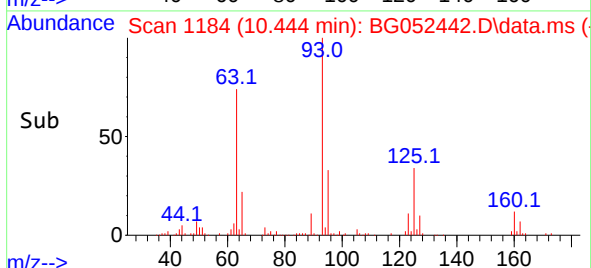
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

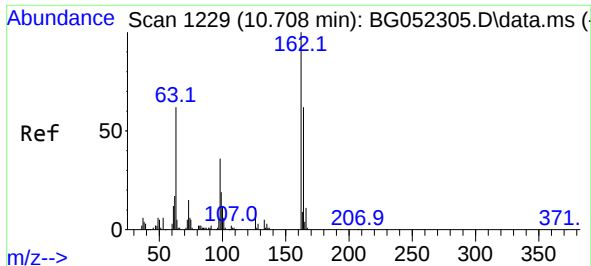


#28
bis(2-Chloroethoxy)methane
Concen: 48.037 ng
RT: 10.444 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



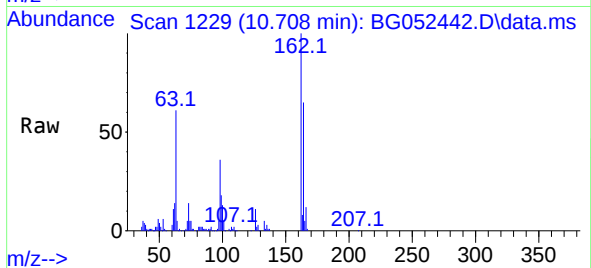
Tgt Ion: 93 Resp: 158099
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.4 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 52.022 ng
RT: 10.708 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

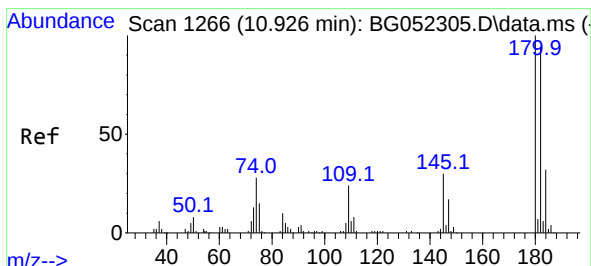
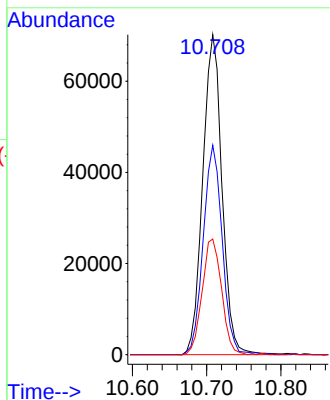
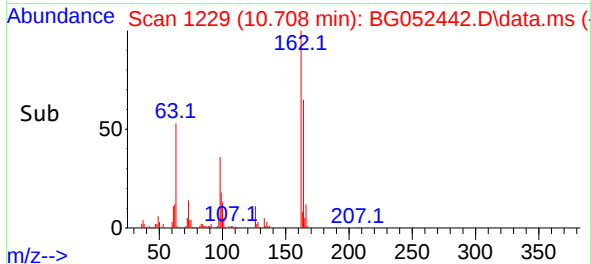
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



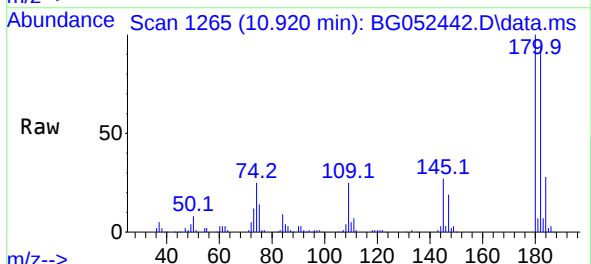
Tgt Ion:162 Resp: 126514
Ion Ratio Lower Upper
162 100
164 65.5 44.3 84.3
98 36.2 17.2 57.2

Manual Integrations
APPROVED

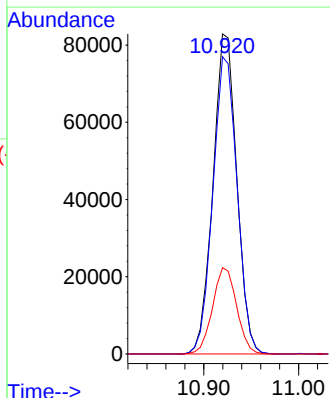
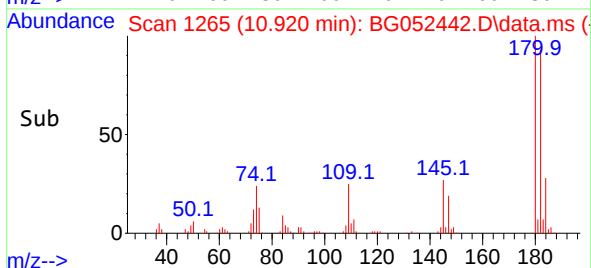
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

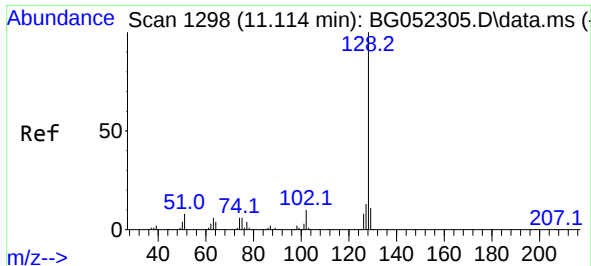


#30
1,2,4-Trichlorobenzene
Concen: 50.848 ng
RT: 10.920 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



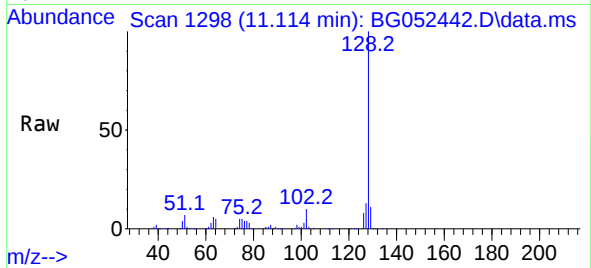
Tgt Ion:180 Resp: 144400
Ion Ratio Lower Upper
180 100
182 92.9 76.1 114.1
145 27.0 24.0 36.0





#31
Naphthalene
Concen: 54.098 ng
RT: 11.114 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

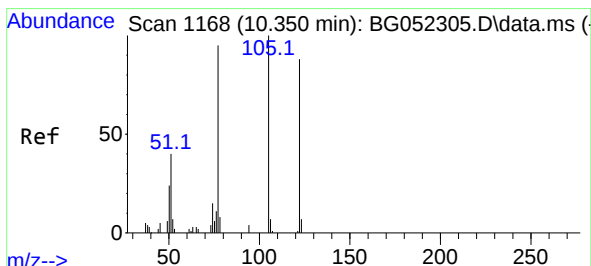
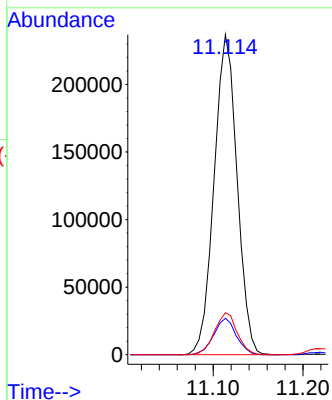
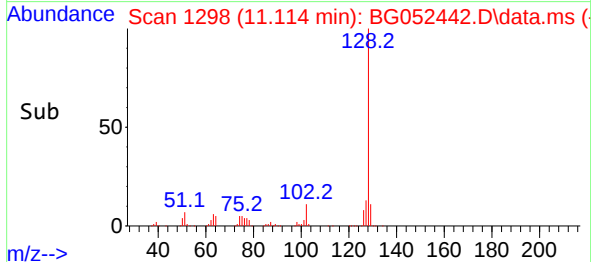
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



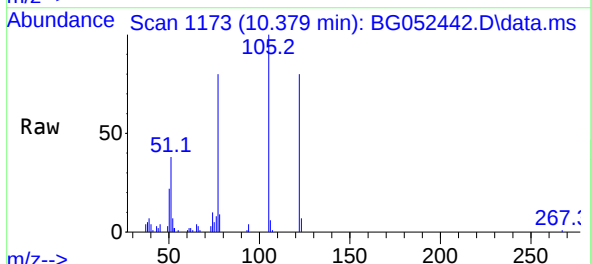
Tgt Ion:128 Resp: 420100
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.6
127 13.1 12.0 18.0

Manual Integrations
APPROVED

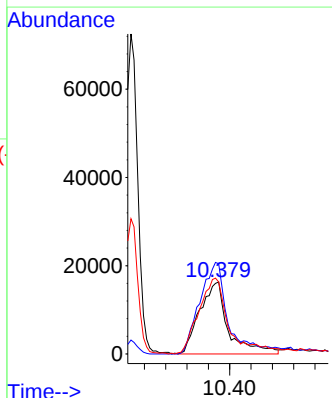
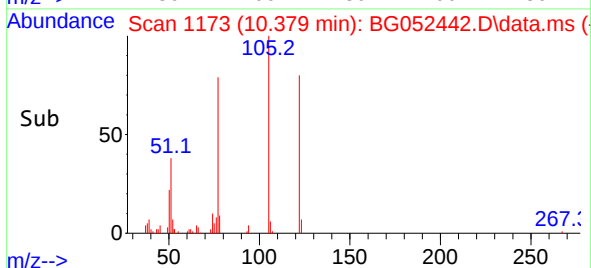
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

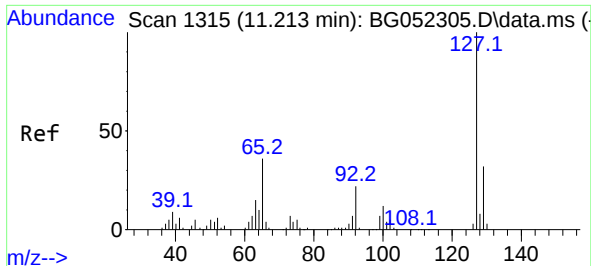


#32
Benzoic acid
Concen: 46.672 ng
RT: 10.379 min Scan# 1173
Delta R.T. 0.029 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:122 Resp: 60980
Ion Ratio Lower Upper
122 100
105 125.2 109.2 149.2
77 99.9 92.8 132.8





#33
4-Chloroaniline
Concen: 3.479 ng
RT: 11.219 min Scan# 11279
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

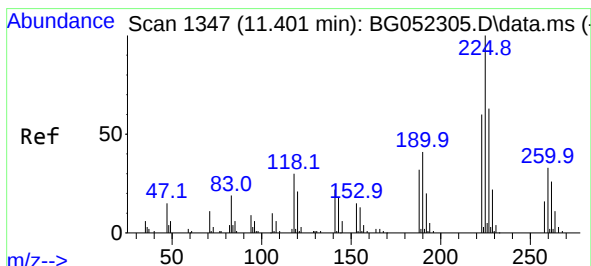
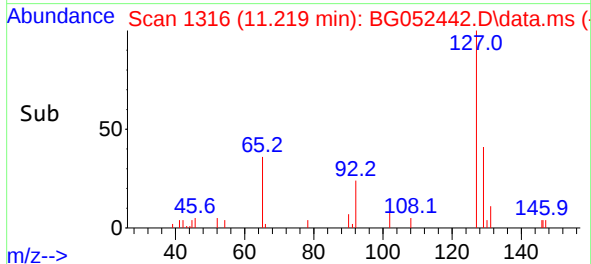
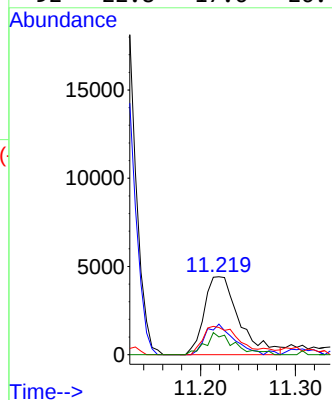
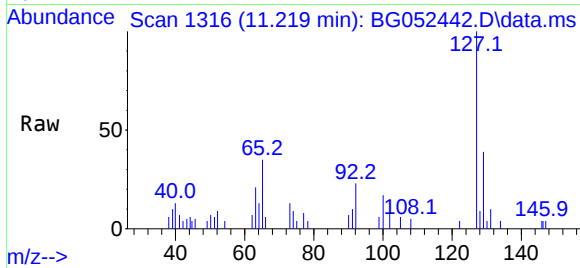
Tgt Ion:127 Resp: 11279

Ion	Ratio	Lower	Upper
127	100		
129	39.1	27.0	40.6
65	34.9	28.7	43.1
92	22.8	17.6	26.4

Manual Integrations

APPROVED

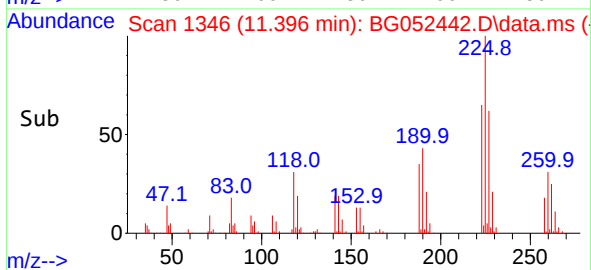
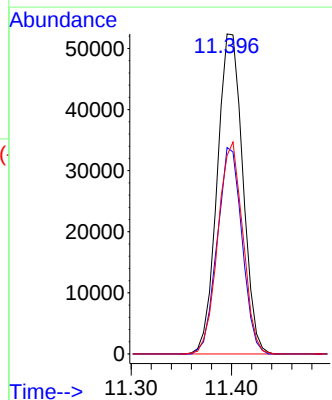
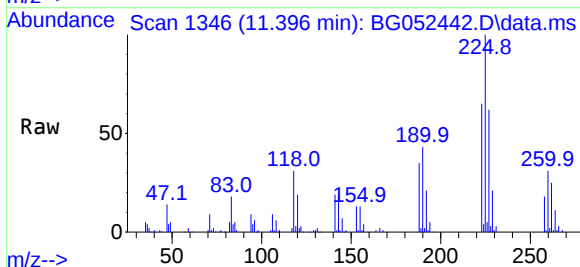
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

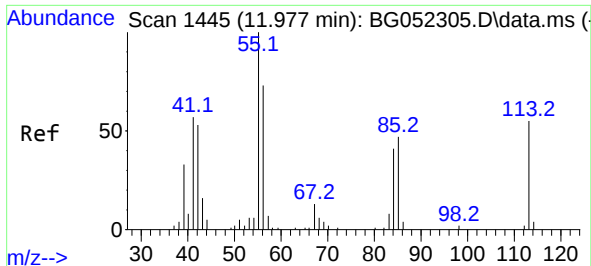


#34
Hexachlorobutadiene
Concen: 48.276 ng
RT: 11.396 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:225 Resp: 92586

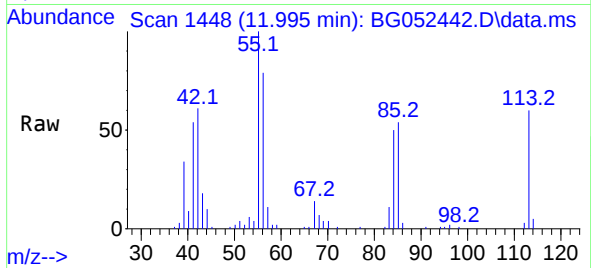
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.6	77.4
227	62.0	53.9	80.9





#35
Caprolactam
Concen: 41.596 ng m
RT: 11.995 min Scan# 1448
Delta R.T. 0.018 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

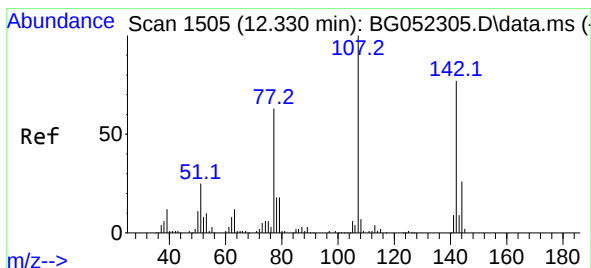
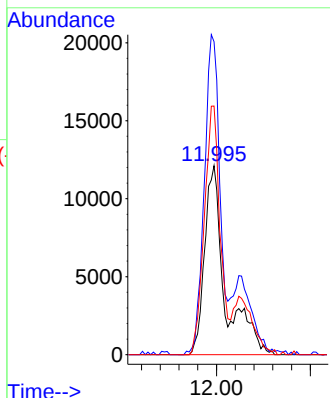
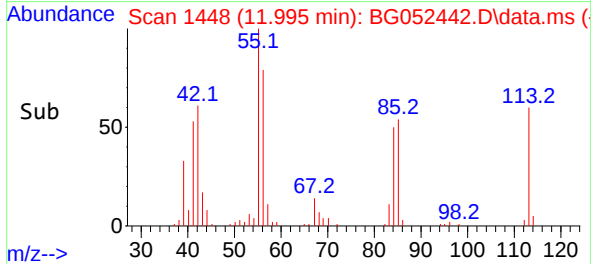
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



Tgt Ion:113 Resp: 3686
Ion Ratio Lower Upper
113 100
55 165.6 161.4 201.4
56 131.6 132.6 172.6

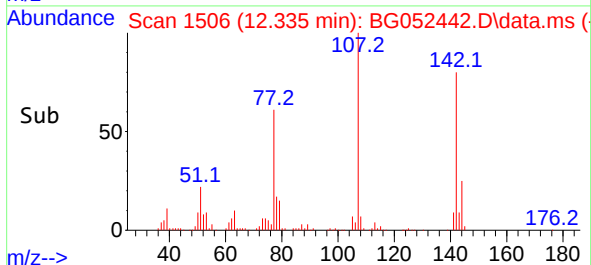
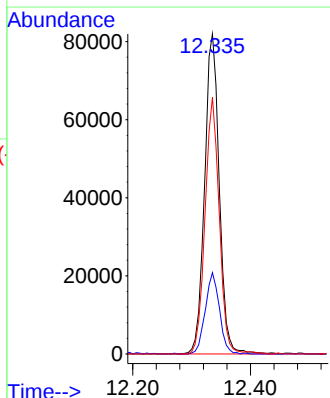
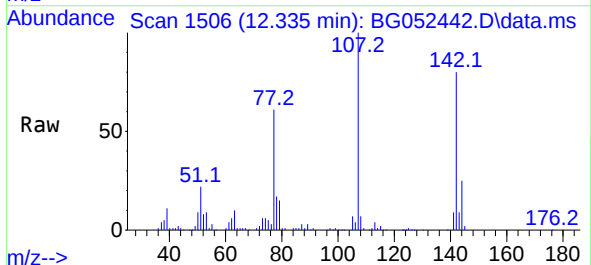
Manual Integrations
APPROVED

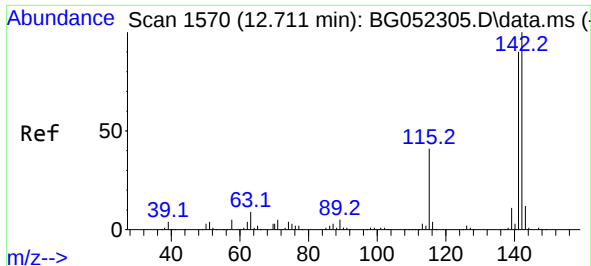
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#36
4-Chloro-3-methylphenol
Concen: 51.099 ng
RT: 12.335 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:107 Resp: 141379
Ion Ratio Lower Upper
107 100
144 25.4 19.3 28.9
142 80.2 63.9 95.9





#37
2-Methylnaphthalene
Concen: 51.601 ng
RT: 12.711 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

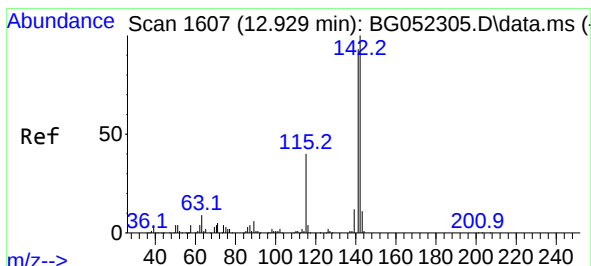
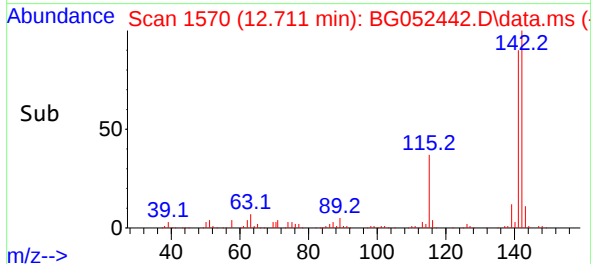
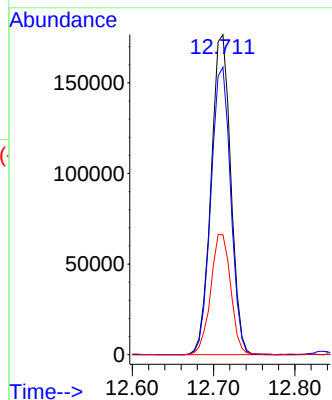
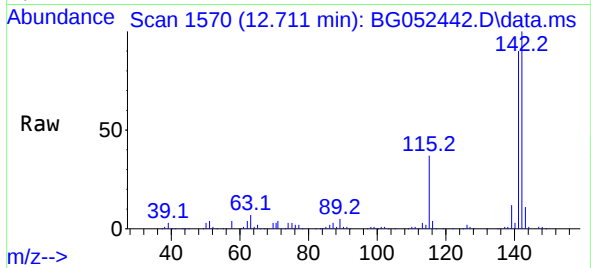
NAPL-SOCKMS

Tgt Ion:142 Resp: 29763
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5
115 37.5 32.2 48.4

Manual Integrations

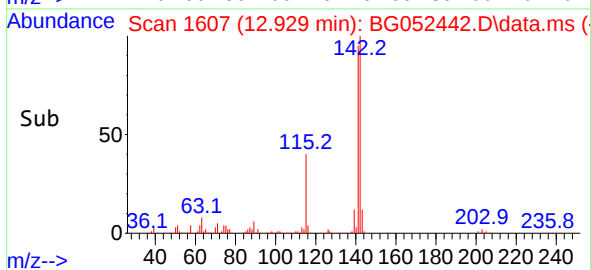
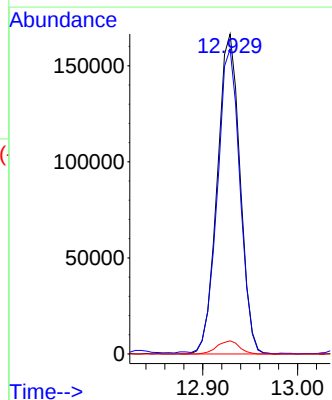
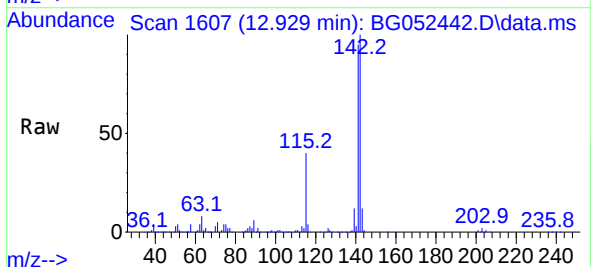
APPROVED

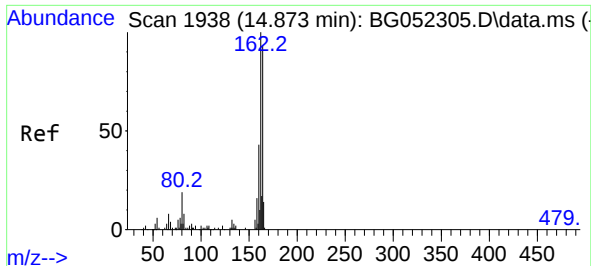
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#38
1-Methylnaphthalene
Concen: 49.614 ng
RT: 12.929 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:142 Resp: 277299
Ion Ratio Lower Upper
142 100
141 95.3 75.0 112.4
116 4.1 4.2 6.4#





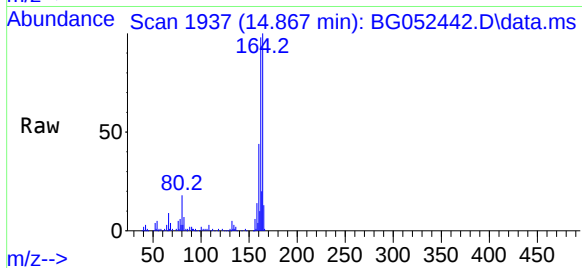
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

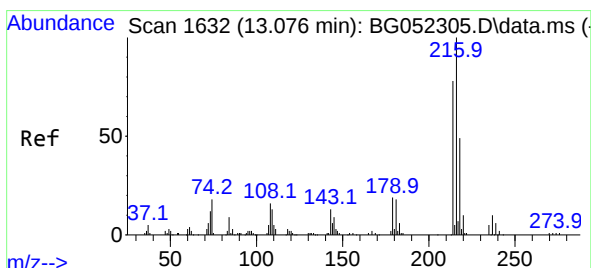
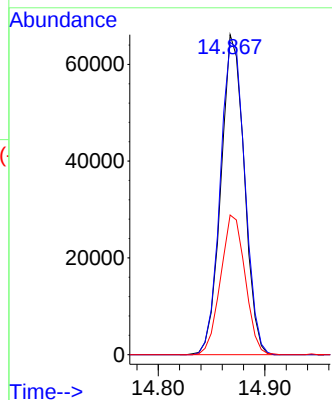
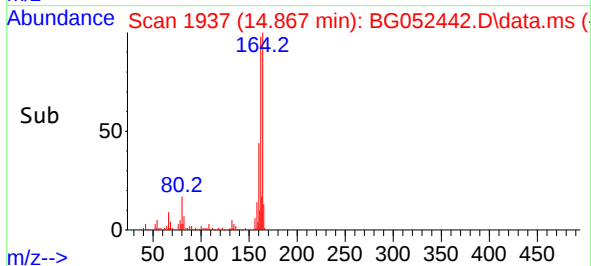


Tgt Ion:164 Resp: 10030
Ion Ratio Lower Upper
164 100
162 97.6 82.2 123.2
160 43.7 36.2 54.2

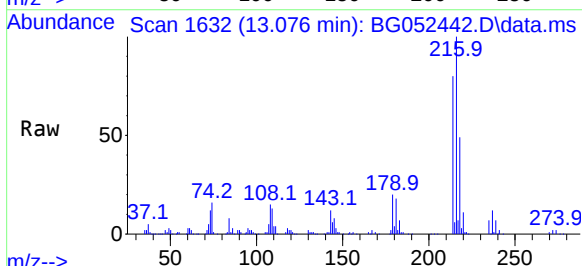
Manual Integrations

APPROVED

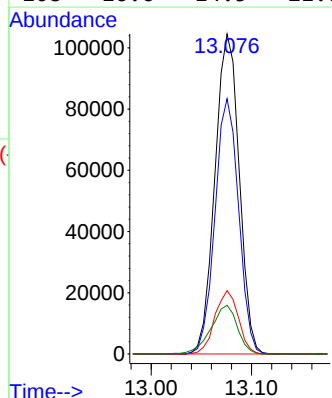
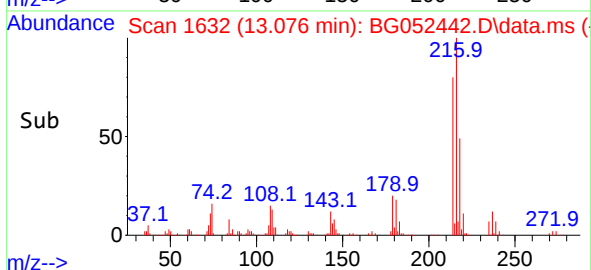
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

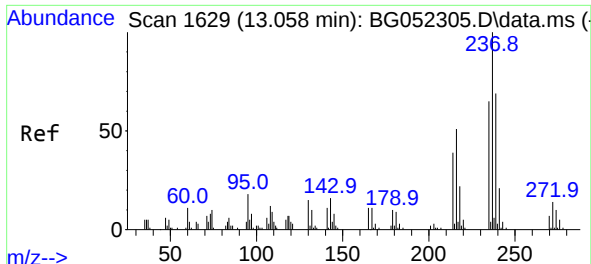


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.254 ng
RT: 13.076 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



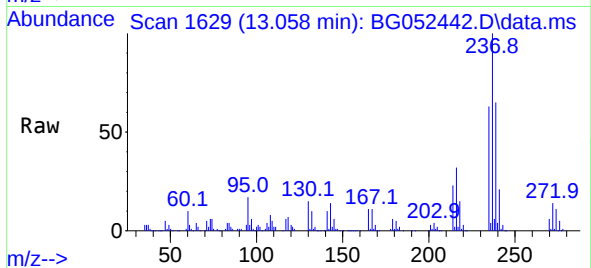
Tgt Ion:216 Resp: 175687
Ion Ratio Lower Upper
216 100
214 77.6 63.2 94.8
179 19.1 16.3 24.5
108 16.6 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 93.604 ng
RT: 13.058 min Scan# 10
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

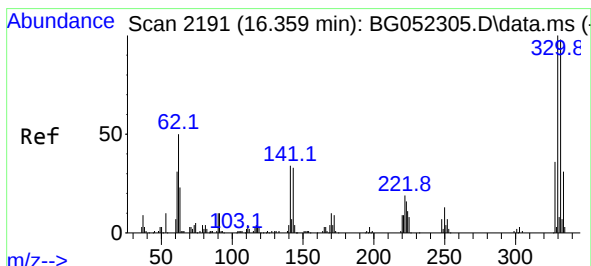
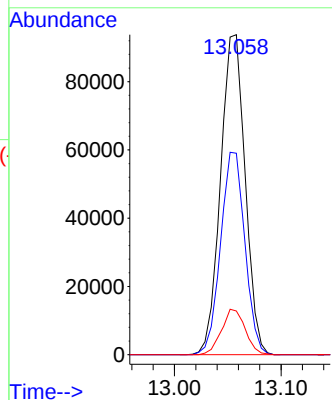
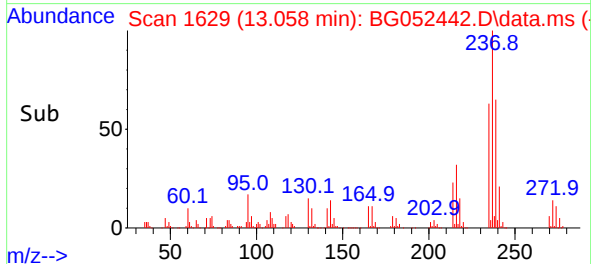
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



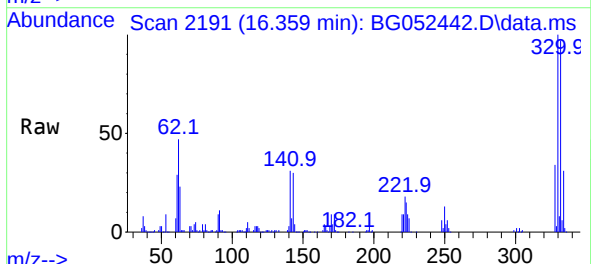
Tgt Ion:237 Resp: 150268
Ion Ratio Lower Upper
237 100
235 62.9 45.9 85.9
272 13.6 0.0 33.0

Manual Integrations
APPROVED

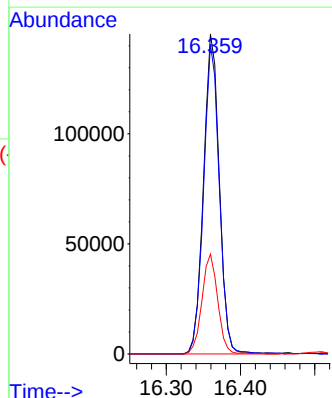
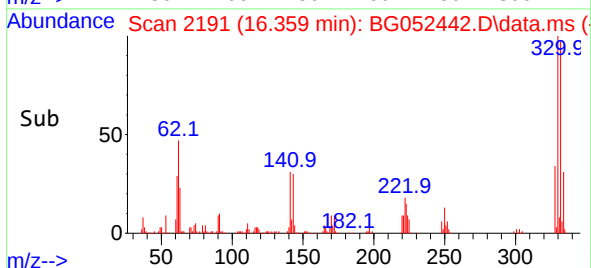
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

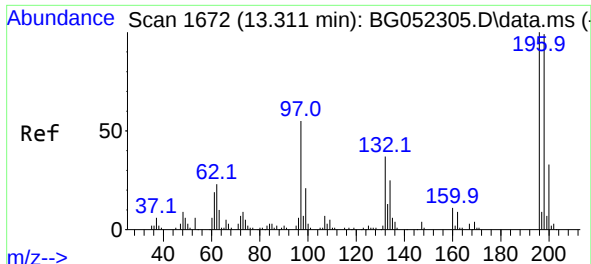


#42
2,4,6-Tribromophenol
Concen: 149.061 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:330 Resp: 214795
Ion Ratio Lower Upper
330 100
332 96.4 78.6 117.8
141 31.2 28.8 43.2





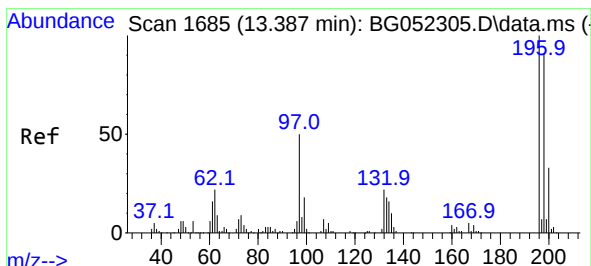
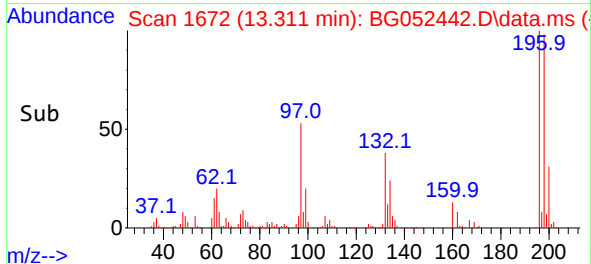
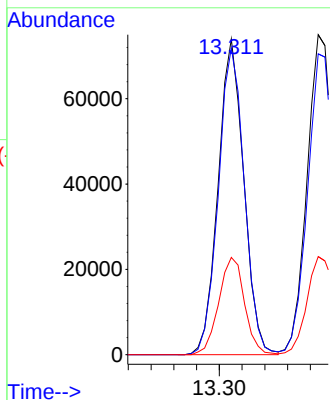
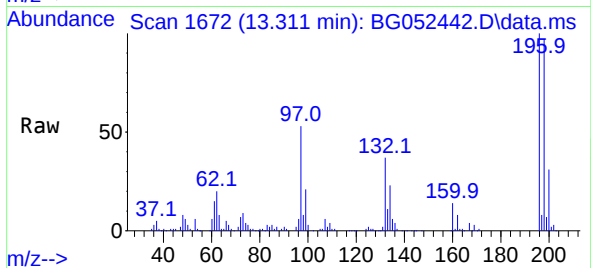
#43
2,4,6-Trichlorophenol
Concen: 53.685 ng
RT: 13.311 min Scan# 1672
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS

Tgt Ion:196 Resp: 11583
Ion Ratio Lower Upper
196 100
198 97.2 78.4 117.6
200 30.8 28.5 42.7

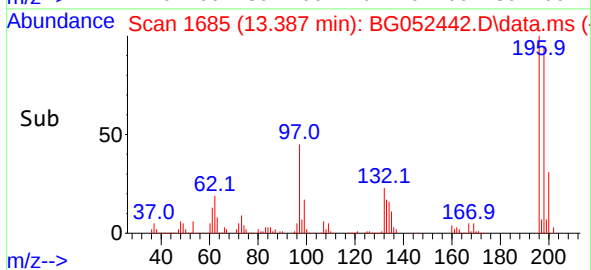
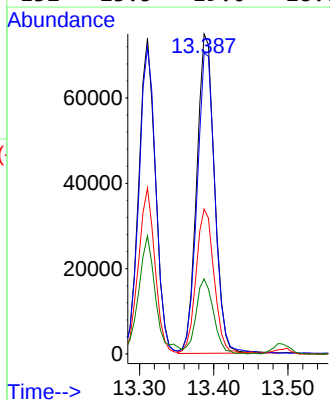
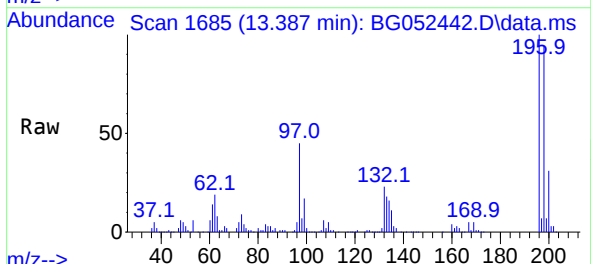
Manual Integrations
APPROVED

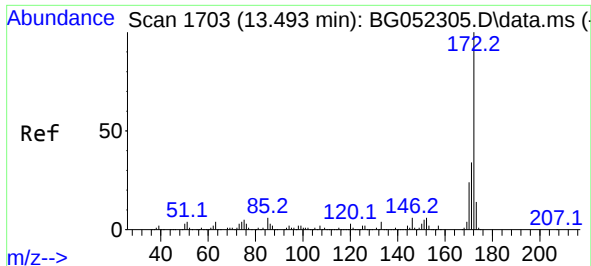
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#44
2,4,5-Trichlorophenol
Concen: 53.547 ng
RT: 13.387 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:196 Resp: 125204
Ion Ratio Lower Upper
196 100
198 94.0 78.6 118.0
97 45.3 43.8 65.8
132 23.5 19.0 28.6





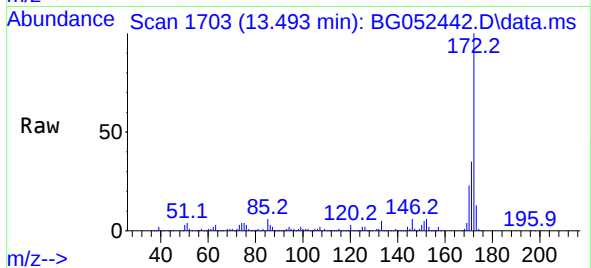
#45
2-Fluorobiphenyl
Concen: 98.942 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

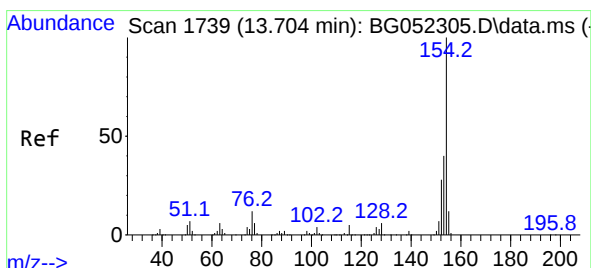
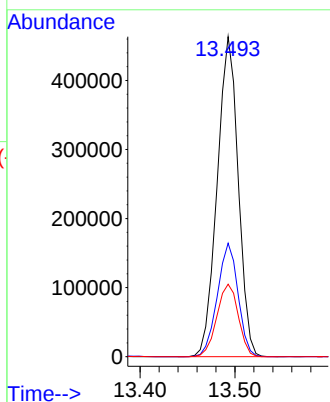
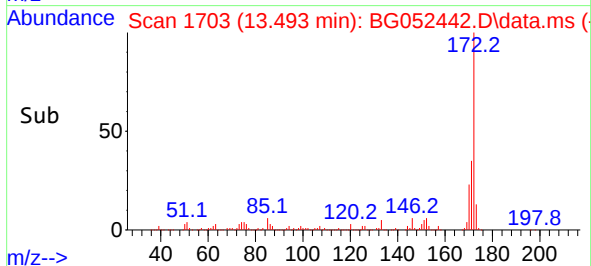


Tgt Ion:172 Resp: 714199
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.6 18.3 27.5

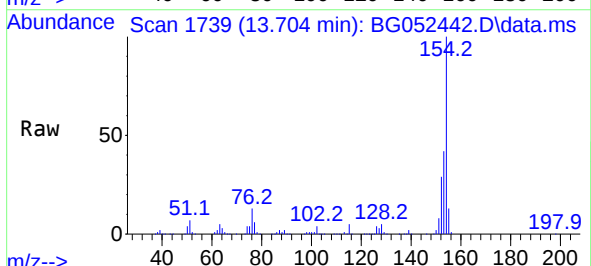
Manual Integrations

APPROVED

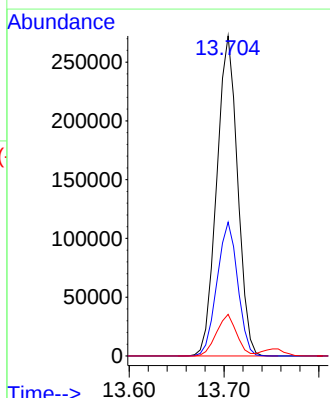
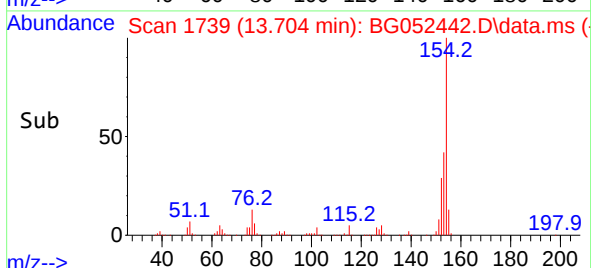
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

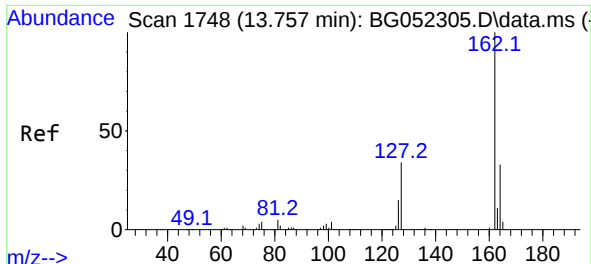


#46
1,1'-Biphenyl
Concen: 56.545 ng
RT: 13.704 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:154 Resp: 415885
Ion Ratio Lower Upper
154 100
153 41.8 21.1 61.1
76 13.0 0.0 32.6





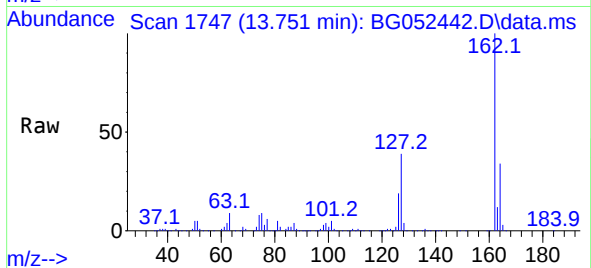
#47
2-Chloronaphthalene
Concen: 52.096 ng
RT: 13.751 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

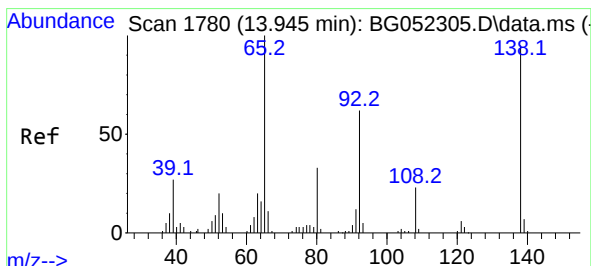
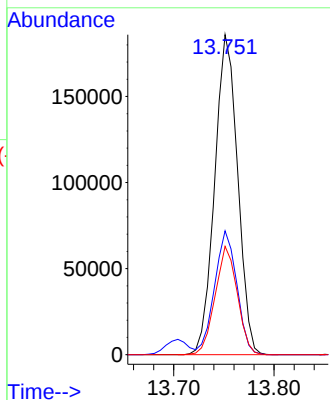
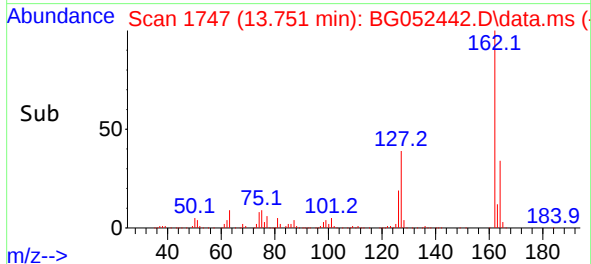


Tgt Ion:162 Resp: 295200
Ion Ratio Lower Upper
162 100
127 38.7 30.4 45.6
164 33.8 25.0 37.4

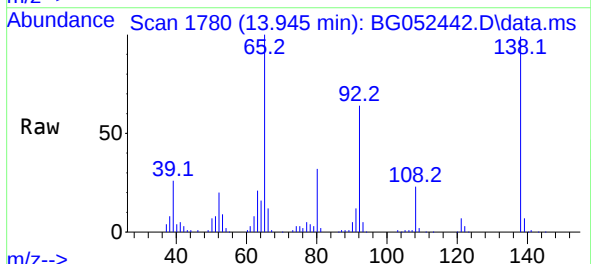
Manual Integrations

APPROVED

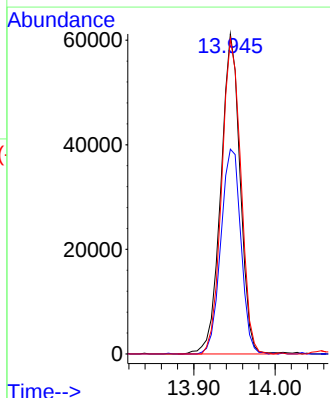
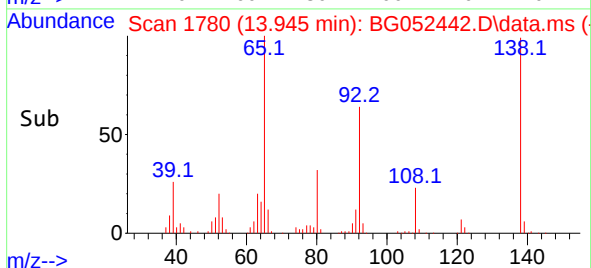
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

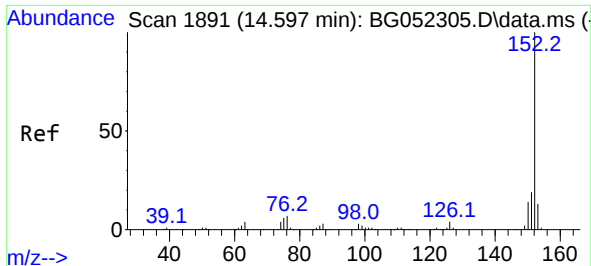


#48
2-Nitroaniline
Concen: 50.038 ng
RT: 13.945 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion: 65 Resp: 100944
Ion Ratio Lower Upper
65 100
92 64.0 51.0 76.6
138 98.5 72.4 108.6





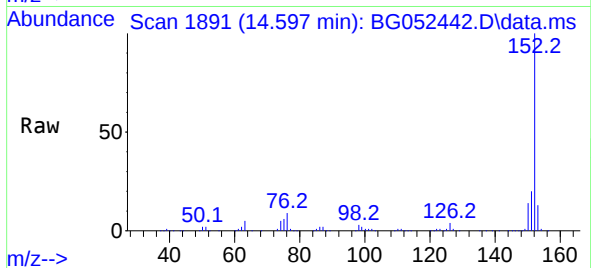
#49
Acenaphthylene
Concen: 53.282 ng
RT: 14.597 min Scan# 1891
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

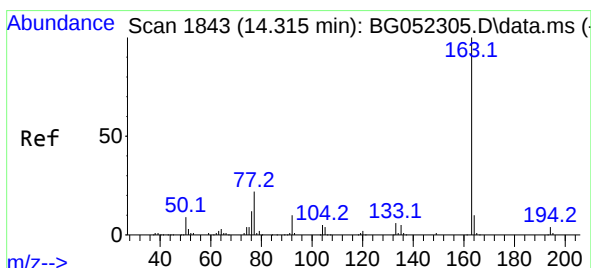
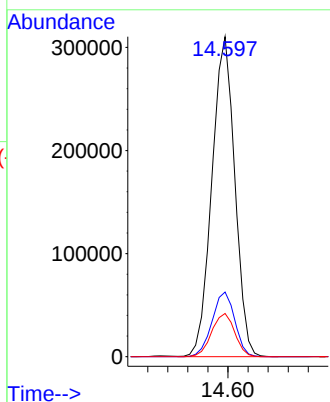
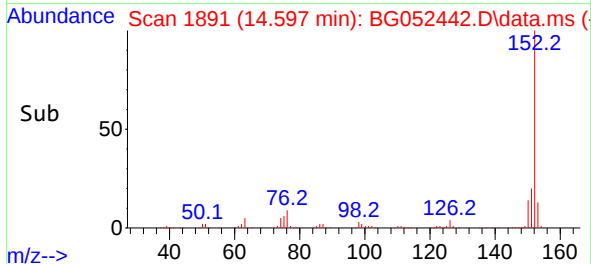


Tgt Ion:152 Resp: 491470
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.5 10.8 16.2

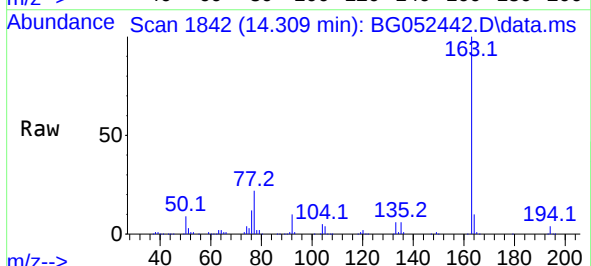
Manual Integrations

APPROVED

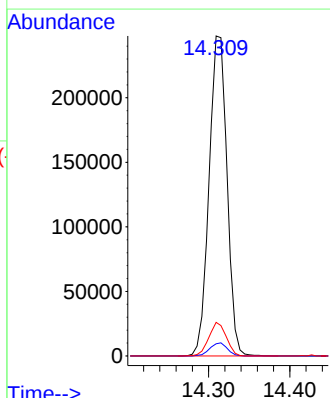
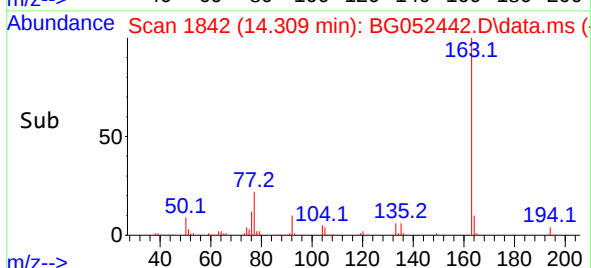
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

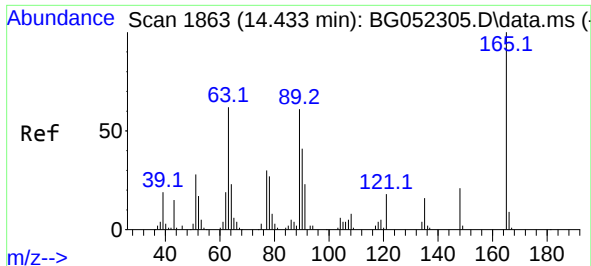


#50
Dimethylphthalate
Concen: 49.405 ng
RT: 14.309 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:163 Resp: 379610
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.5 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 52.783 ng
RT: 14.433 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

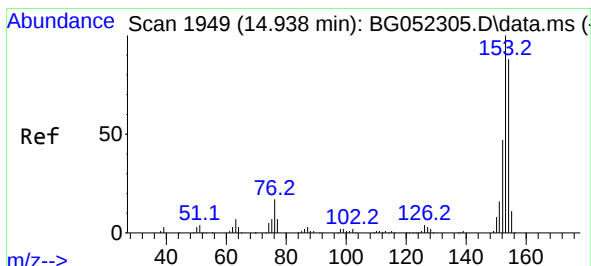
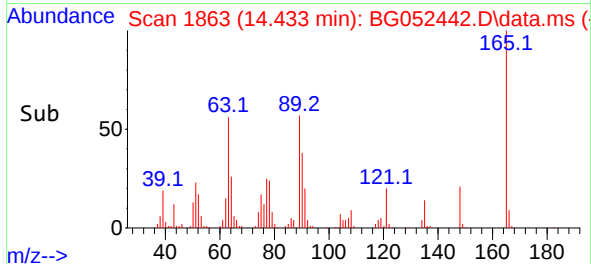
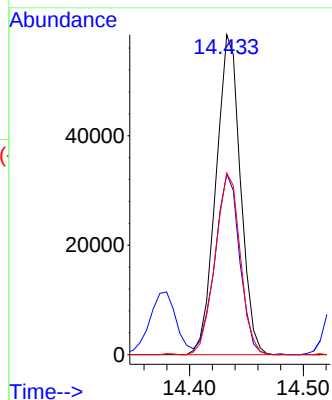
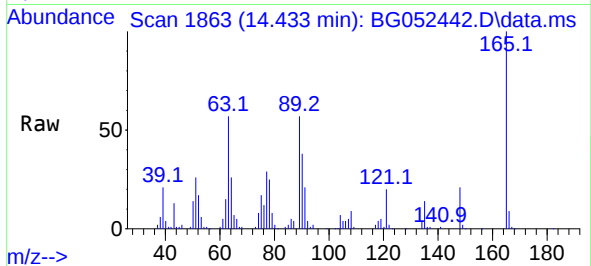
NAPL-SOCKMS

Tgt Ion:165 Resp: 8751
Ion Ratio Lower Upper
165 100
63 56.5 59.0 88.4
89 56.7 49.4 74.0

Manual Integrations

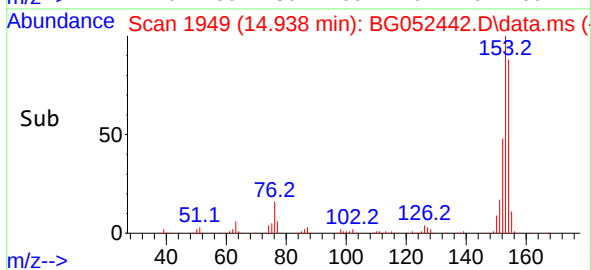
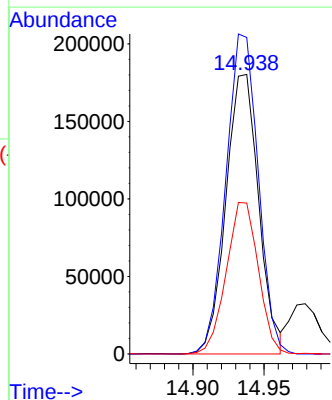
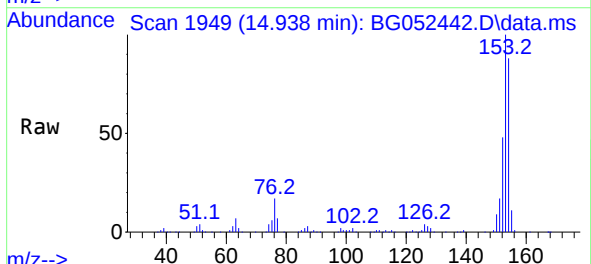
APPROVED

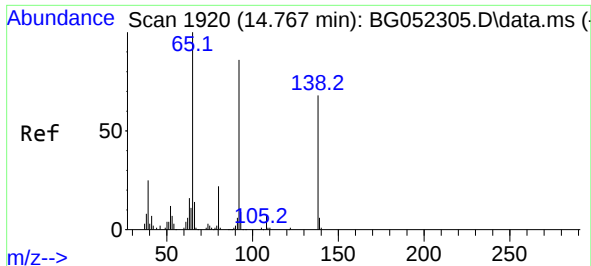
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#52
Acenaphthene
Concen: 47.911 ng
RT: 14.938 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

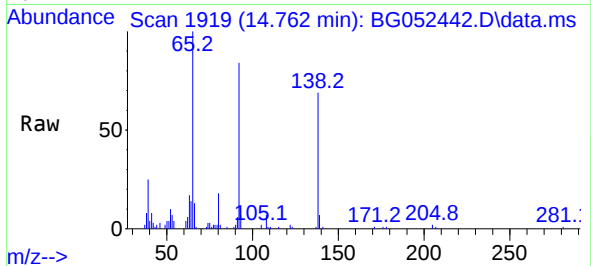
Tgt Ion:154 Resp: 289427
Ion Ratio Lower Upper
154 100
153 113.2 91.9 137.9
152 54.0 43.4 65.2





#53
3-Nitroaniline
Concen: 15.350 ng
RT: 14.762 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

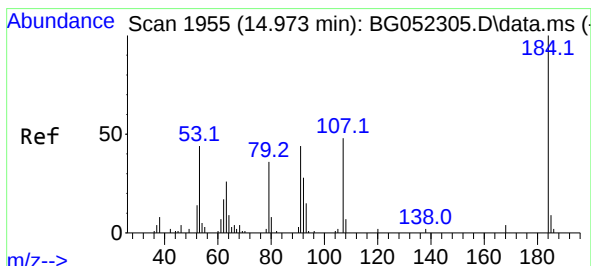
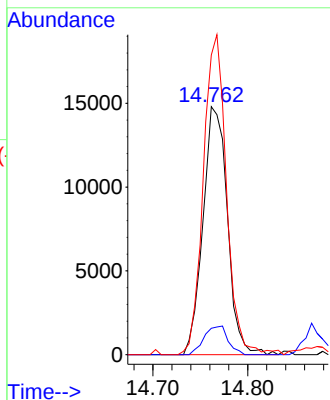
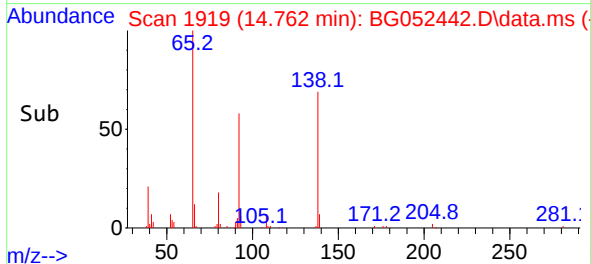
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



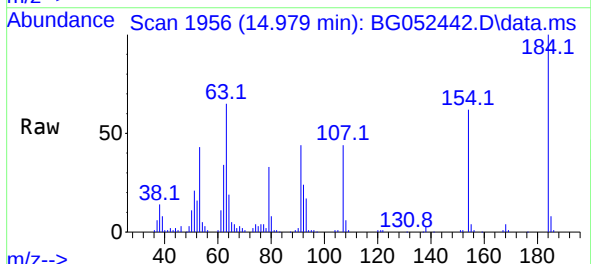
Tgt Ion:138 Resp: 2645
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.8
92 120.8 100.4 150.6

Manual Integrations
APPROVED

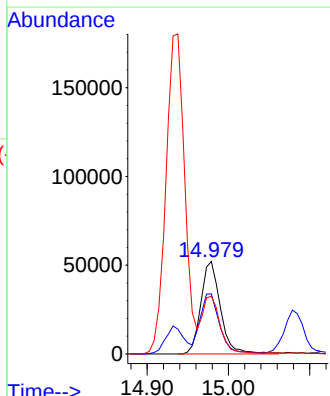
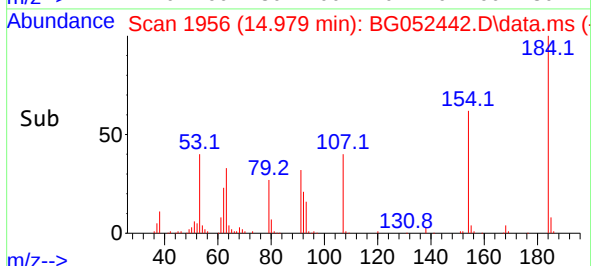
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

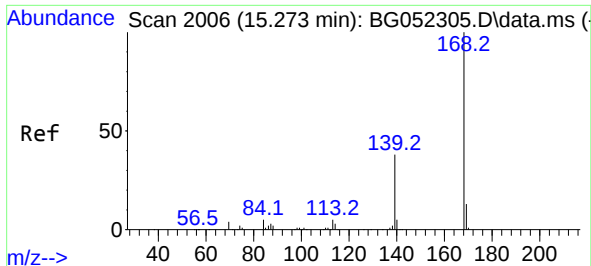


#54
2,4-Dinitrophenol
Concen: 84.864 ng
RT: 14.979 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:184 Resp: 87464
Ion Ratio Lower Upper
184 100
63 65.1 56.0 84.0
154 62.3 50.2 75.2





#55
Dibenzofuran
Concen: 49.104 ng
RT: 15.267 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

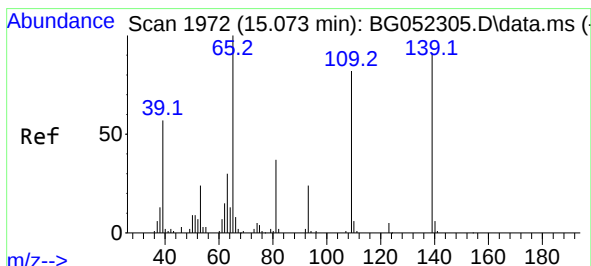
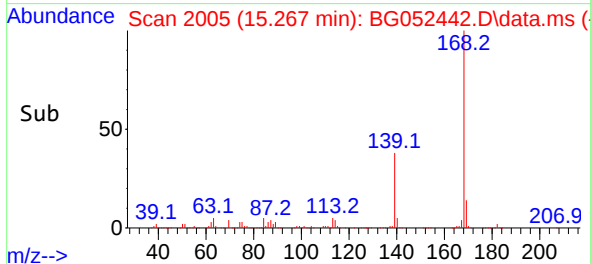
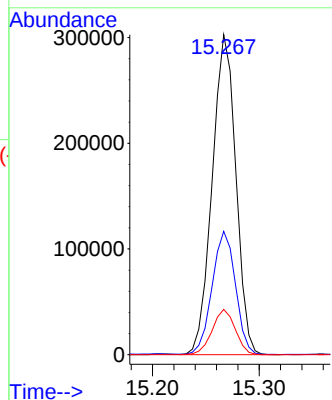
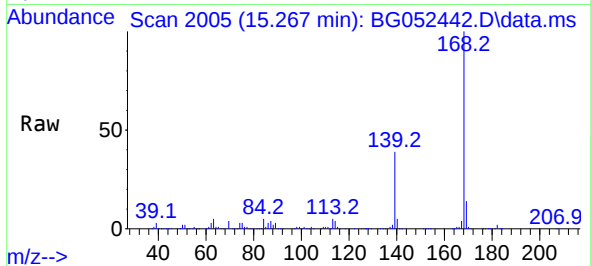
NAPL-SOCKMS

Tgt Ion:168 Resp: 466499
Ion Ratio Lower Upper
168 100
139 38.6 30.7 46.1
169 14.2 10.9 16.3

Manual Integrations

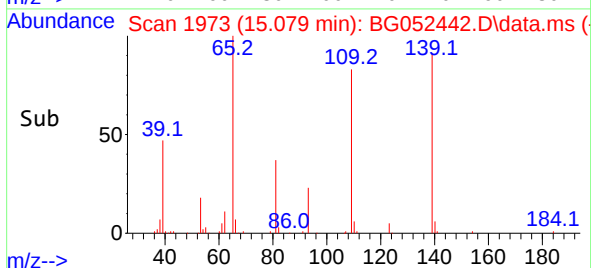
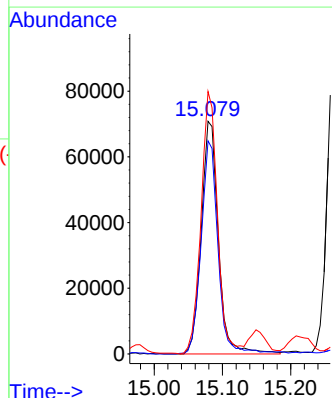
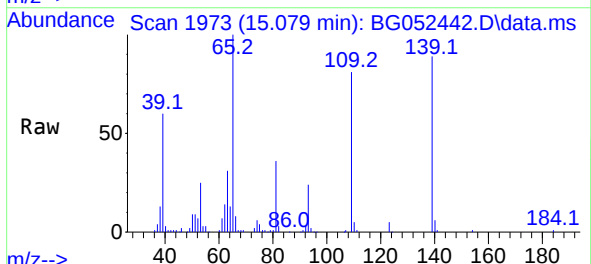
APPROVED

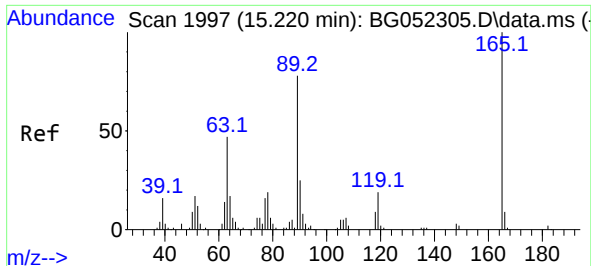
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#56
4-Nitrophenol
Concen: 95.542 ng
RT: 15.079 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

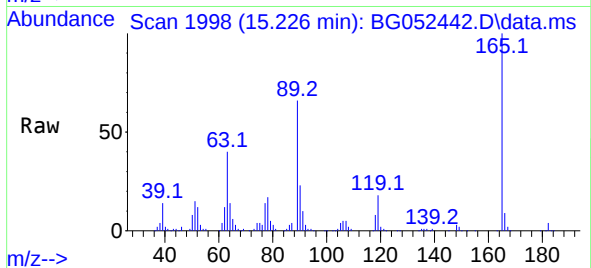
Tgt Ion:139 Resp: 123657
Ion Ratio Lower Upper
139 100
109 91.6 84.9 124.9
65 112.8 109.9 149.9





#57
2,4-Dinitrotoluene
Concen: 52.699 ng
RT: 15.226 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

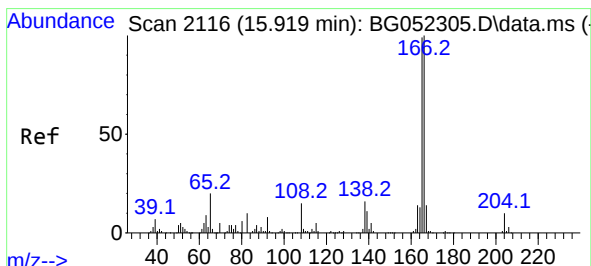
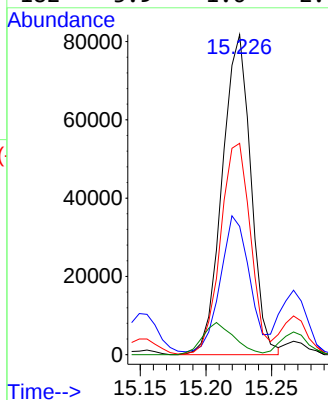
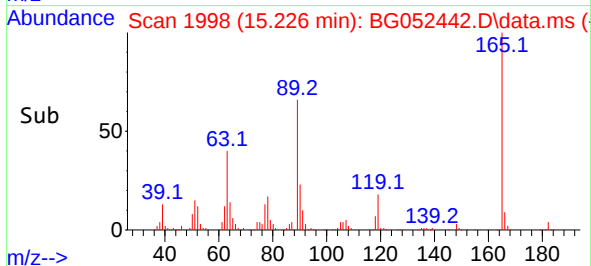
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



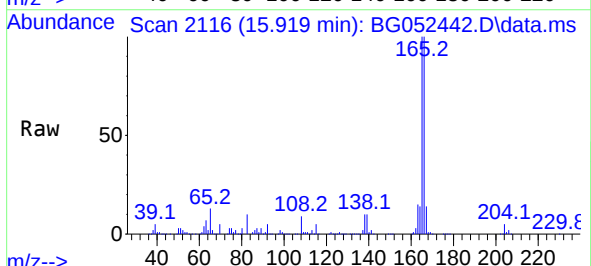
Tgt Ion:165 Resp: 124360
Ion Ratio Lower Upper
165 100
63 40.1 44.6 66.8
89 66.1 67.4 101.0
182 3.9 1.6 2.4

Manual Integrations
APPROVED

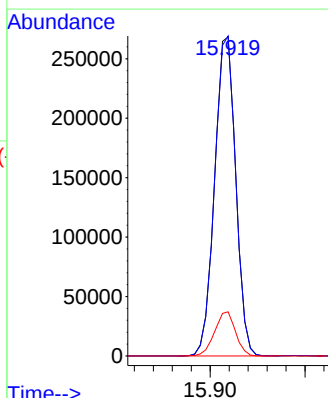
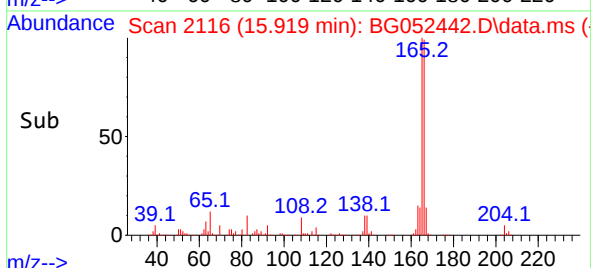
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

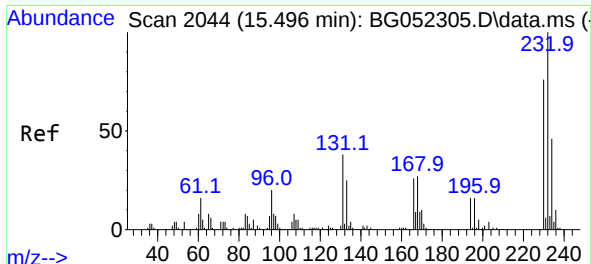


#58
Fluorene
Concen: 54.781 ng
RT: 15.919 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:166 Resp: 415462
Ion Ratio Lower Upper
166 100
165 100.3 80.0 120.0
167 13.8 11.1 16.7





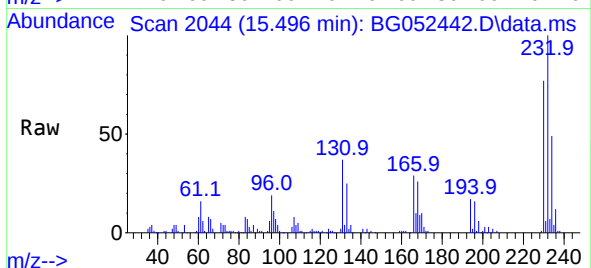
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.633 ng
RT: 15.496 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

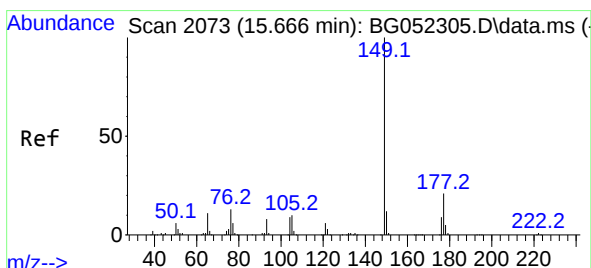
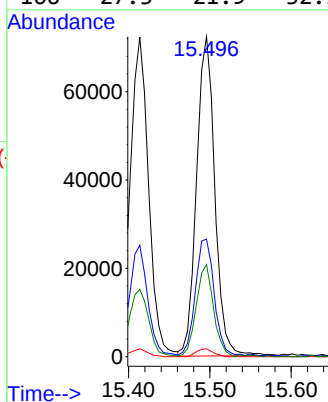
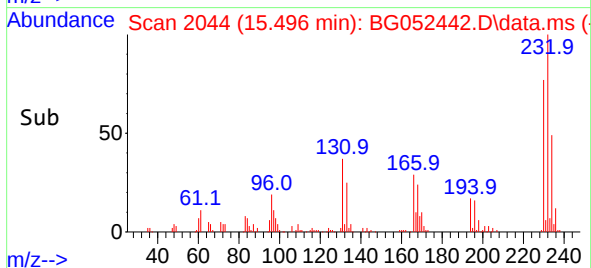


Tgt Ion:232 Resp: 113095
Ion Ratio Lower Upper
232 100
131 37.6 32.2 48.4
130 2.3 2.2 3.4
166 27.3 21.9 32.9

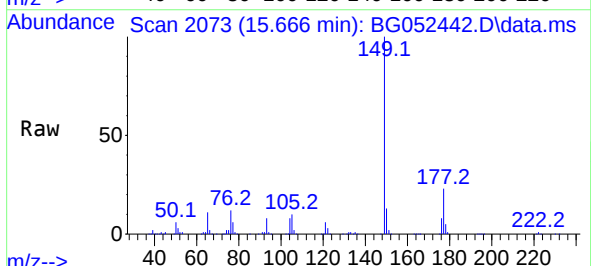
Manual Integrations

APPROVED

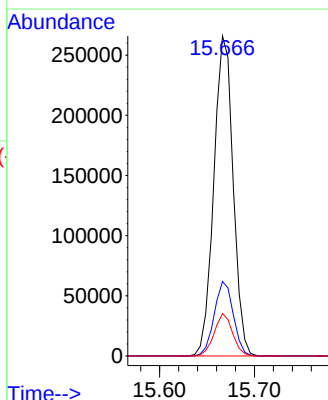
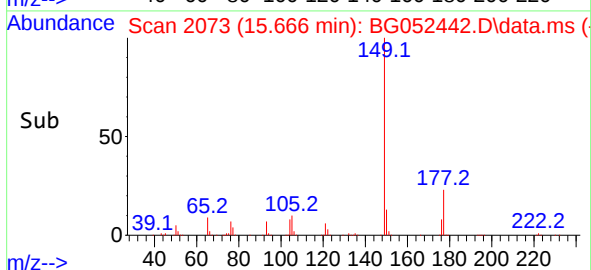
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

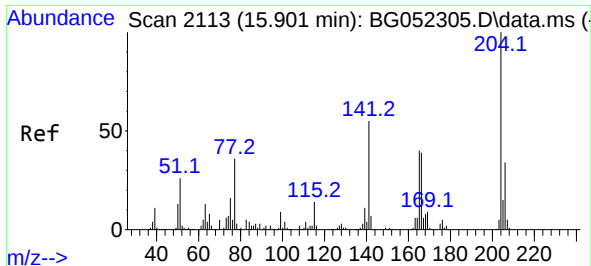


#60
Diethylphthalate
Concen: 48.525 ng
RT: 15.666 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:149 Resp: 376639
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.6
150 13.2 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 48.812 ng
RT: 15.895 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

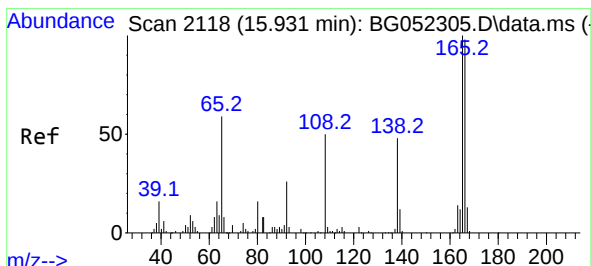
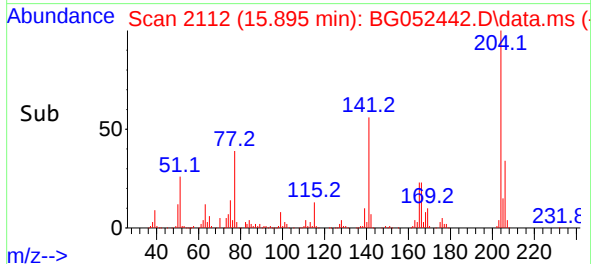
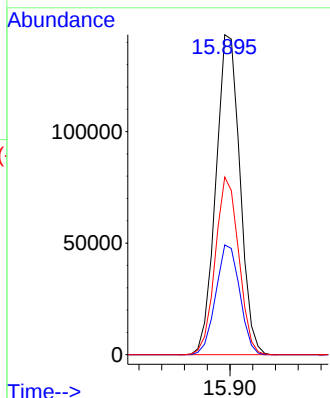
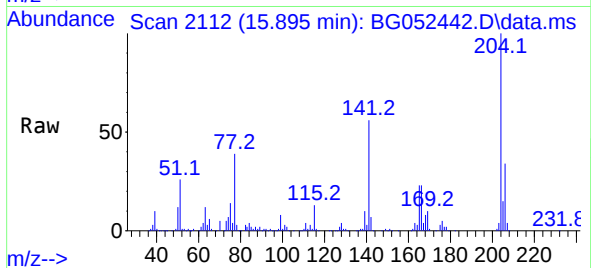
NAPL-SOCKMS

Tgt Ion:204 Resp: 210870
Ion Ratio Lower Upper
204 100
206 34.3 28.4 42.6
141 55.5 41.8 62.6

Manual Integrations

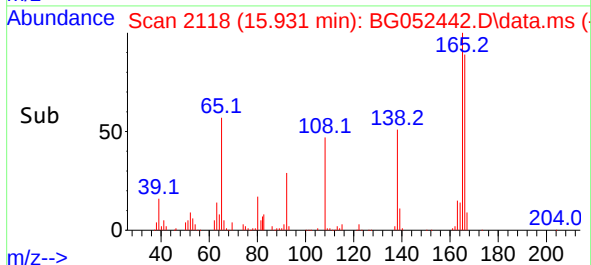
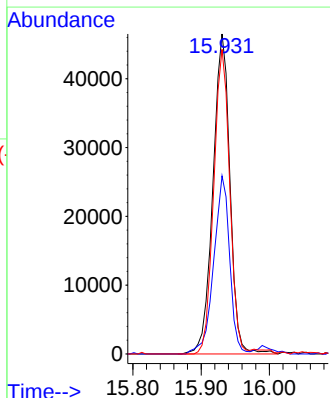
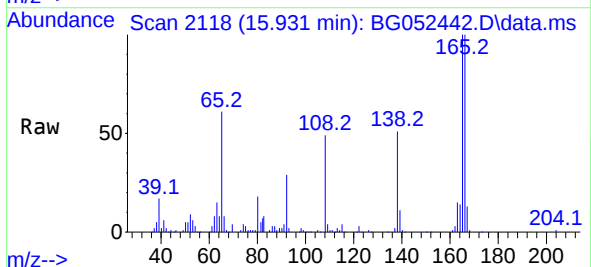
APPROVED

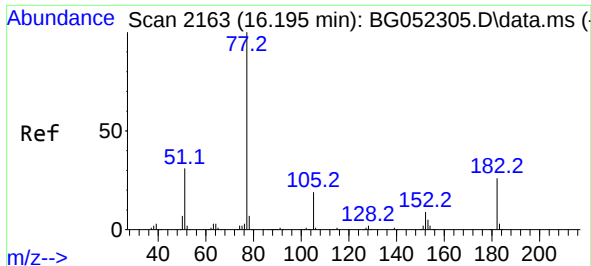
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#62
4-Nitroaniline
Concen: 44.494 ng
RT: 15.931 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:138 Resp: 80728
Ion Ratio Lower Upper
138 100
92 55.6 35.5 75.5
108 95.2 96.4 136.4#





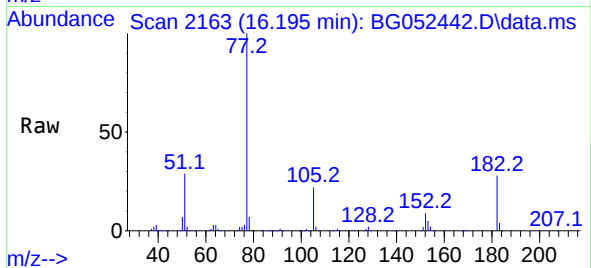
#63
Azobenzene
Concen: 66.874 ng
RT: 16.195 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

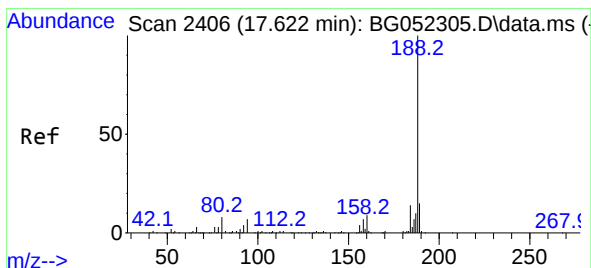
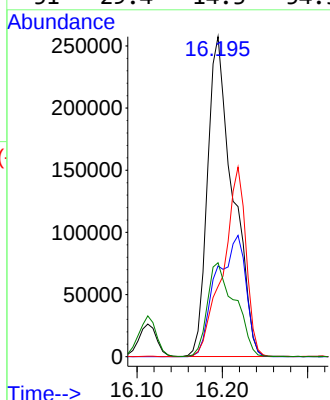
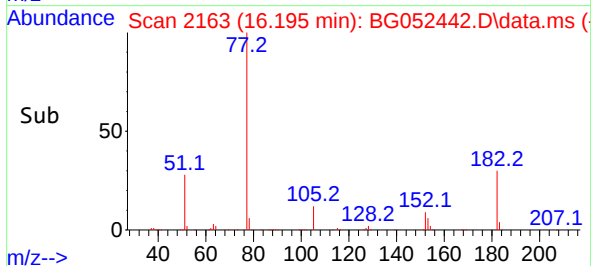


Tgt Ion: 77 Resp: 531372
Ion Ratio Lower Upper
77 100
182 28.4 4.1 44.1
105 22.0 0.0 37.5
51 29.4 14.3 54.3

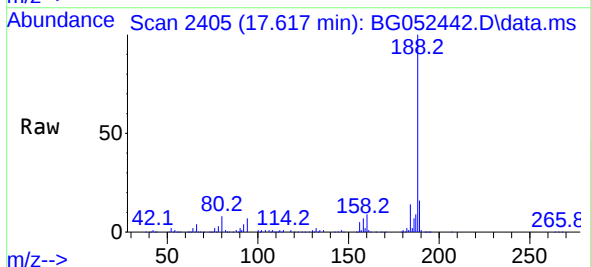
Manual Integrations

APPROVED

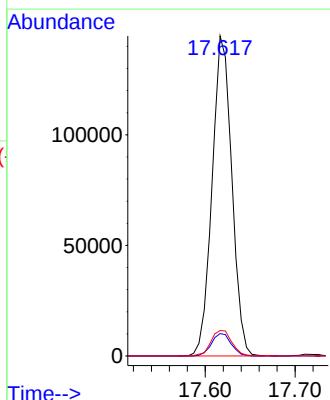
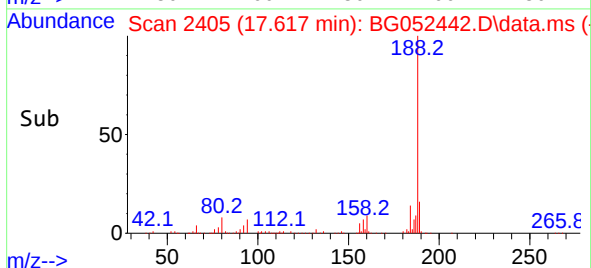
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

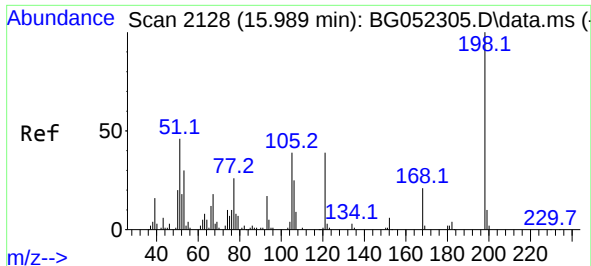


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.617 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:188 Resp: 220540
Ion Ratio Lower Upper
188 100
94 7.0 5.9 8.9
80 8.0 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.207 ng
RT: 15.989 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

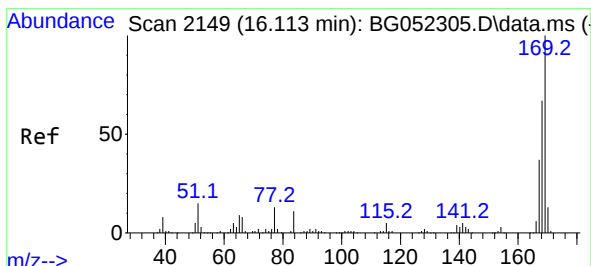
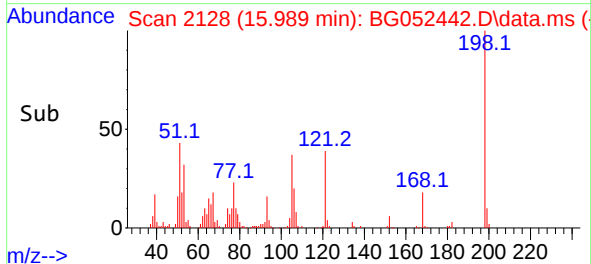
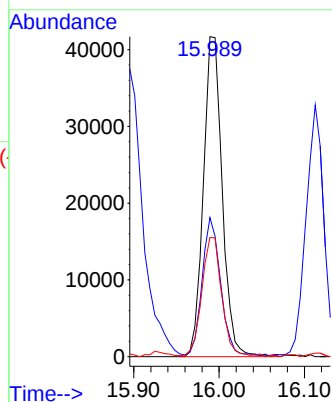
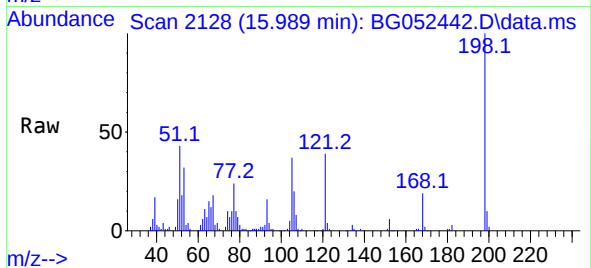
NAPL-SOCKMS

Tgt Ion:198 Resp: 63950
Ion Ratio Lower Upper
198 100
51 43.5 31.6 71.6
105 37.2 22.3 62.3

Manual Integrations

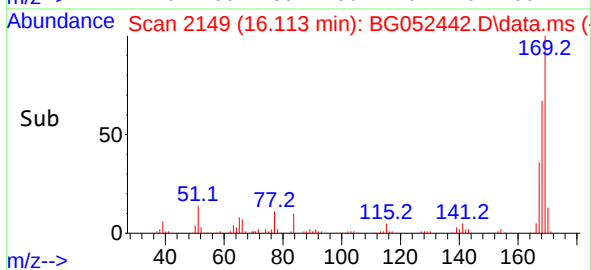
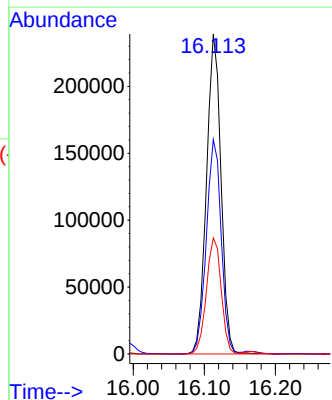
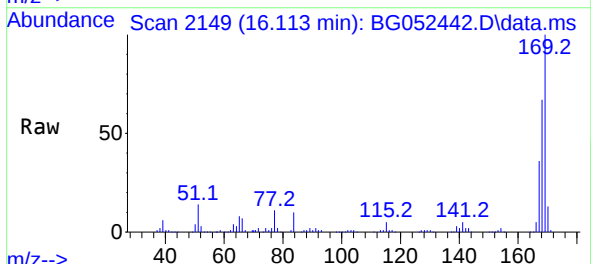
APPROVED

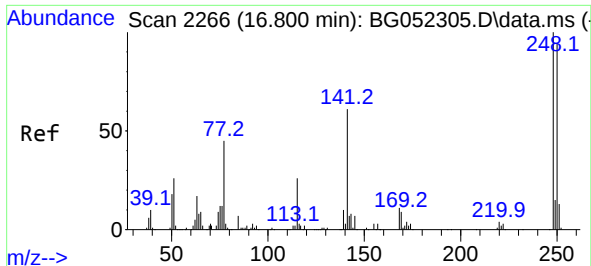
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#66
n-Nitrosodiphenylamine
Concen: 55.810 ng
RT: 16.113 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:169 Resp: 339129
Ion Ratio Lower Upper
169 100
168 67.0 57.4 86.0
167 36.3 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 52.534 ng
RT: 16.794 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

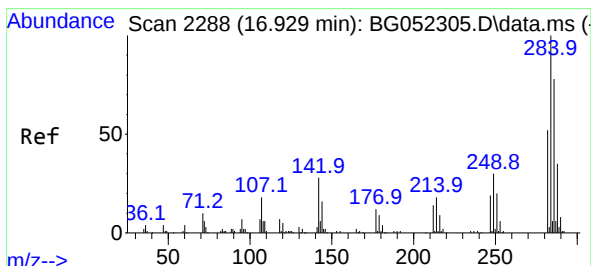
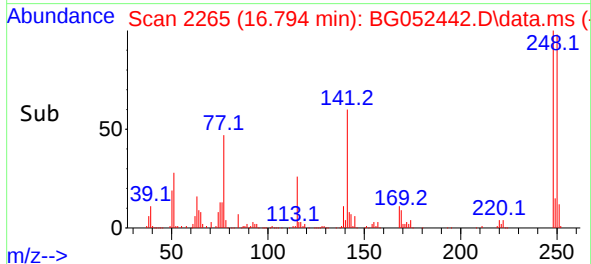
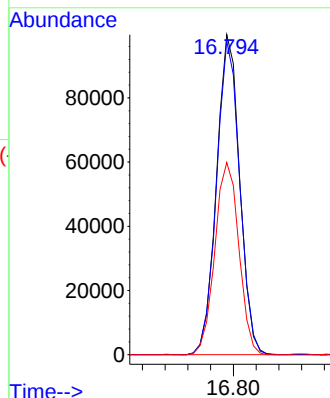
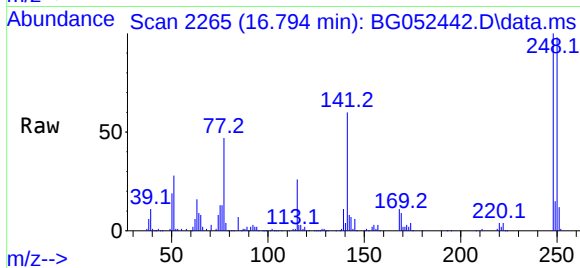
NAPL-SOCKMS

Tgt Ion:248 Resp: 14089
Ion Ratio Lower Upper
248 100
250 98.1 79.6 119.4
141 60.0 54.6 81.8

Manual Integrations

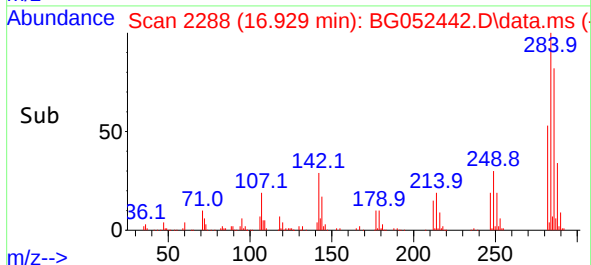
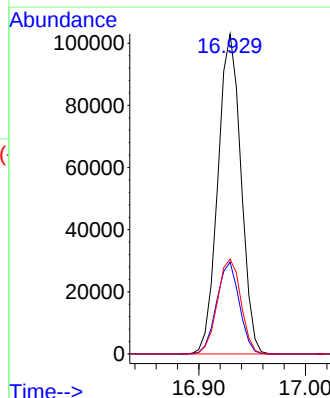
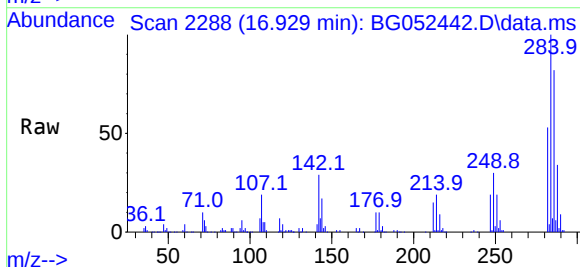
APPROVED

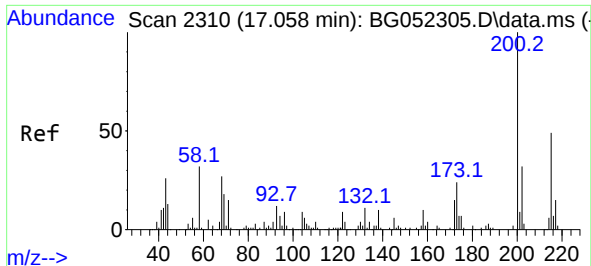
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#68
Hexachlorobenzene
Concen: 53.084 ng
RT: 16.929 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:284 Resp: 154416
Ion Ratio Lower Upper
284 100
142 28.7 26.2 39.2
249 29.7 26.9 40.3





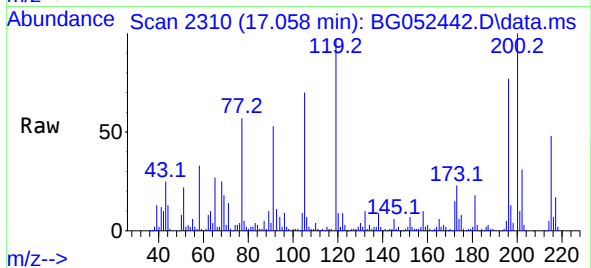
#69
Atrazine
Concen: 54.718 ng
RT: 17.058 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

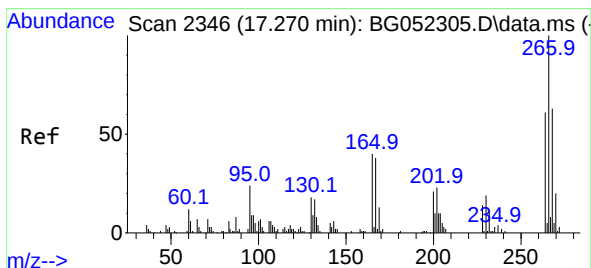
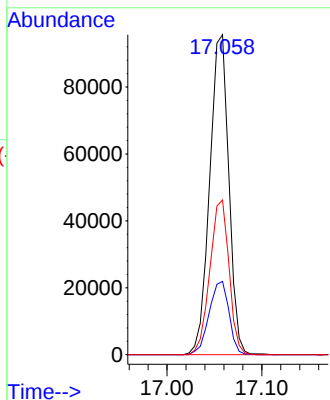
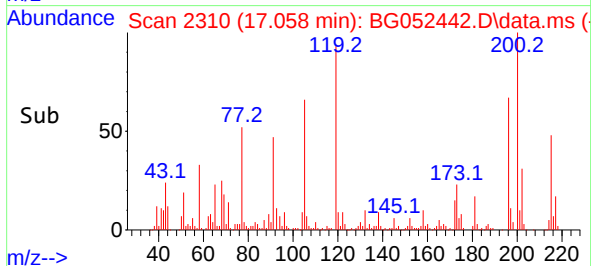


Tgt Ion:200 Resp: 13442
Ion Ratio Lower Upper
200 100
173 22.9 3.3 43.3
215 48.4 24.4 64.4

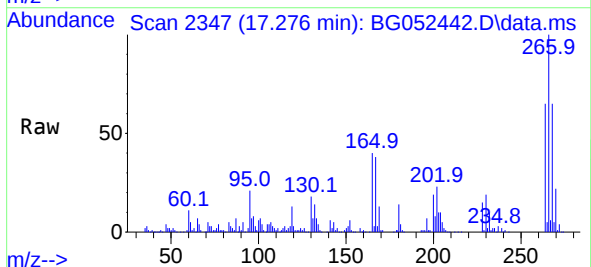
Manual Integrations

APPROVED

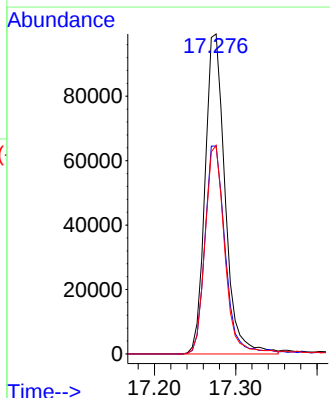
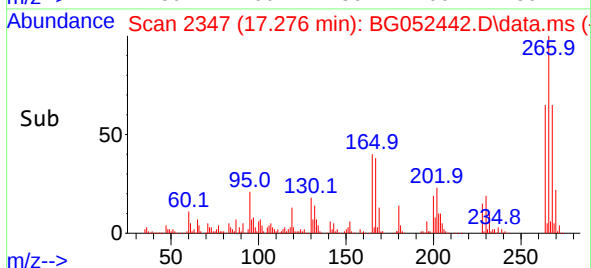
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

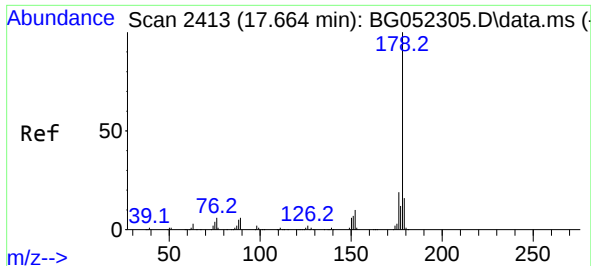


#70
Pentachlorophenol
Concen: 119.193 ng
RT: 17.276 min Scan# 2347
Delta R.T. 0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:266 Resp: 169624
Ion Ratio Lower Upper
266 100
268 65.0 50.6 75.8
264 65.2 52.2 78.2





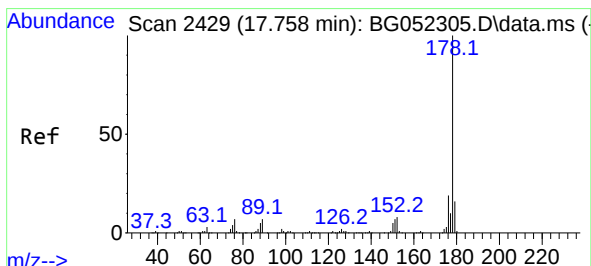
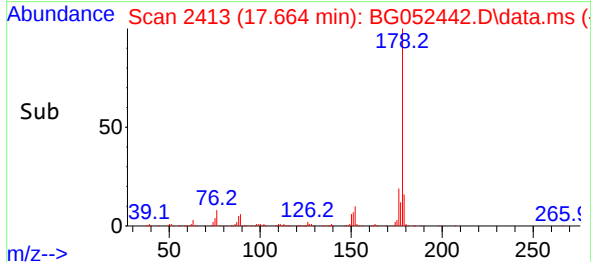
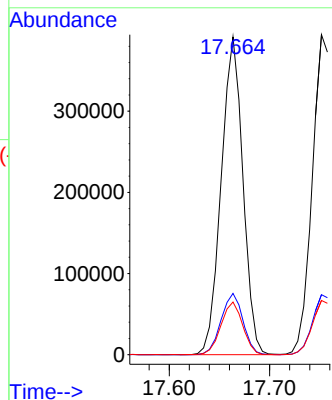
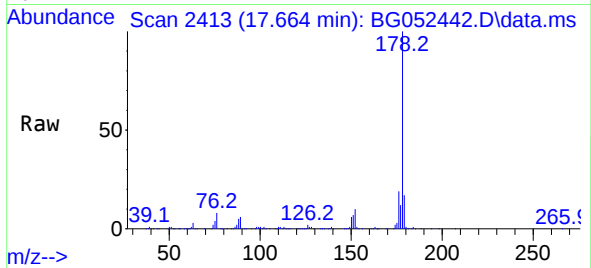
#71
Phenanthrene
Concen: 51.690 ng
RT: 17.664 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS

Tgt Ion:178 Resp: 587659
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 16.6 12.6 18.8

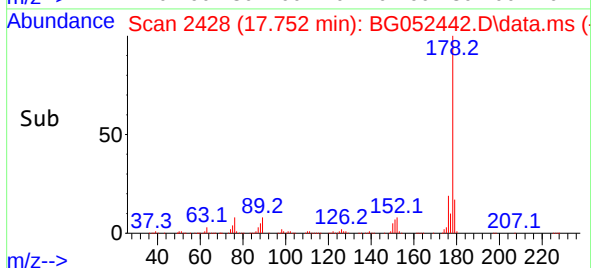
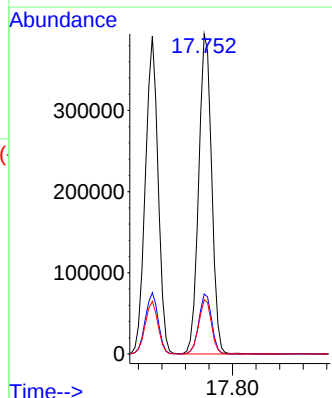
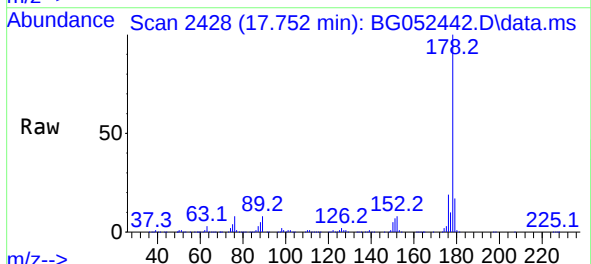
Manual Integrations
APPROVED

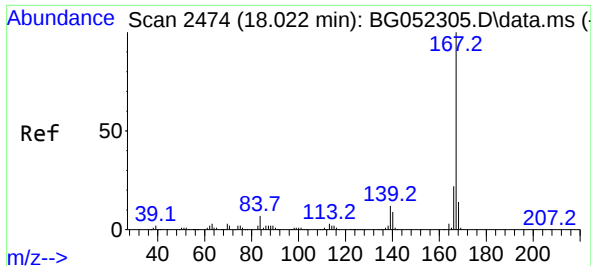
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#72
Anthracene
Concen: 54.050 ng
RT: 17.752 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

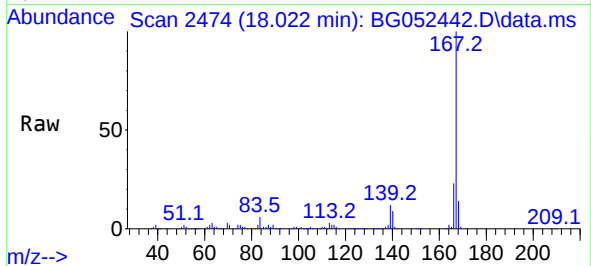
Tgt Ion:178 Resp: 602161
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 17.0 13.1 19.7





#73
 Carbazole
 Concen: 49.362 ng
 RT: 18.022 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06

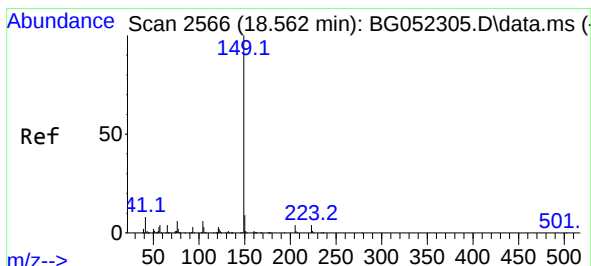
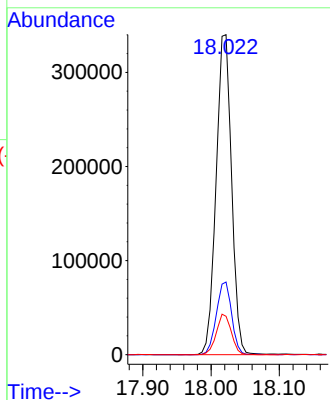
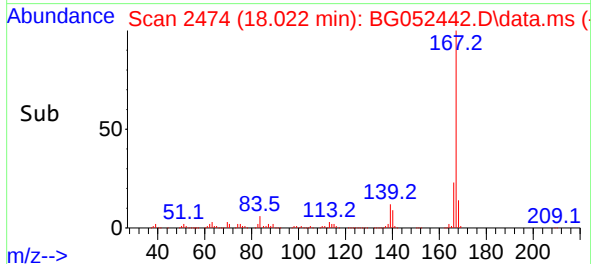
Instrument :
 BNA_G
 ClientSampleId :
 NAPL-SOCKMS



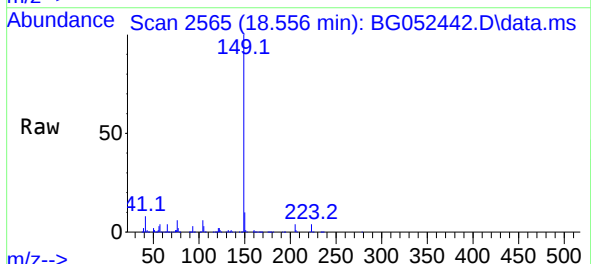
Tgt Ion:167 Resp: 536364
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 12.0 10.6 16.0

Manual Integrations
 APPROVED

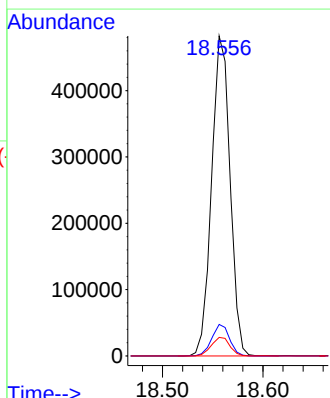
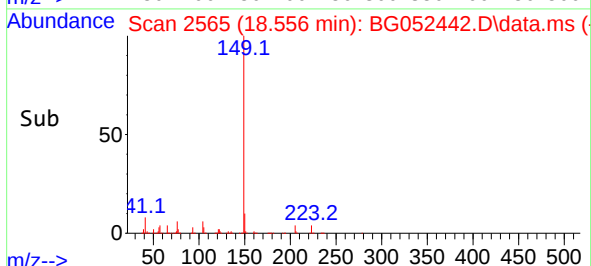
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

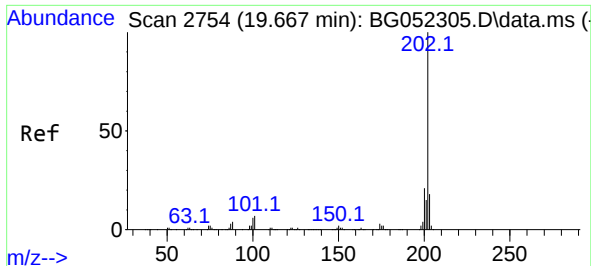


#74
 Di-n-butylphthalate
 Concen: 51.890 ng
 RT: 18.556 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06



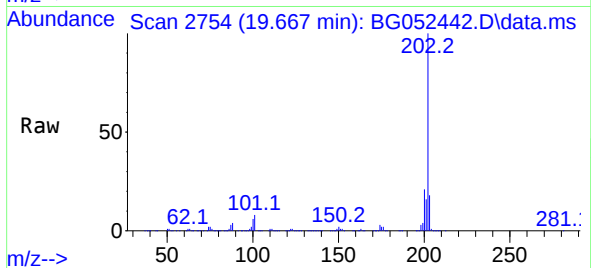
Tgt Ion:149 Resp: 614311
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 48.845 ng
RT: 19.667 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

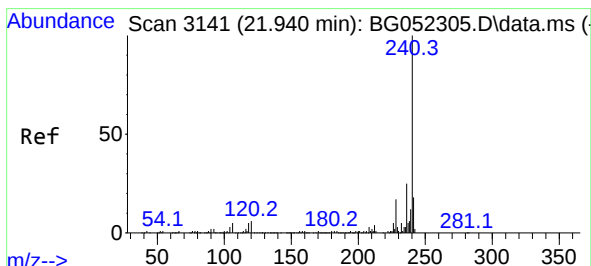
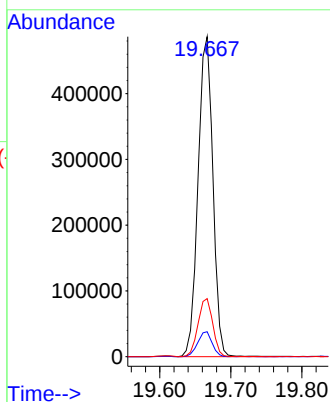
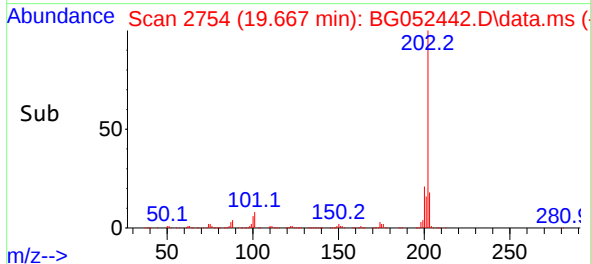
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



Tgt Ion:202 Resp: 70710
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.1 0.0 37.8

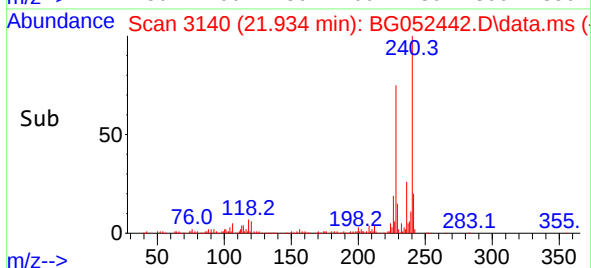
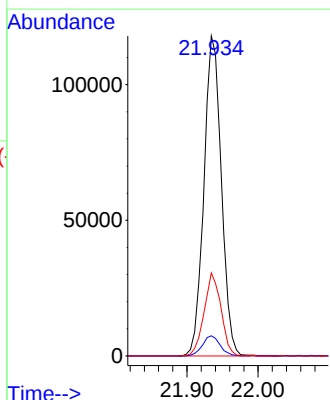
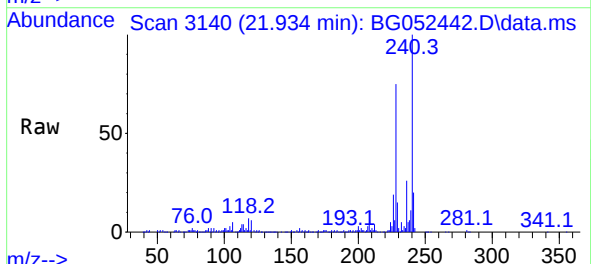
Manual Integrations
APPROVED

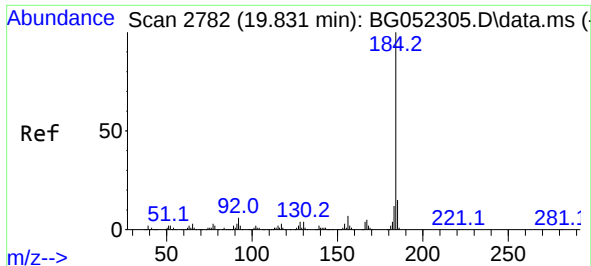
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:240 Resp: 201349
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 26.0 20.8 31.2





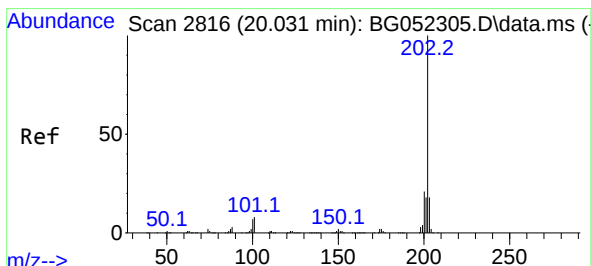
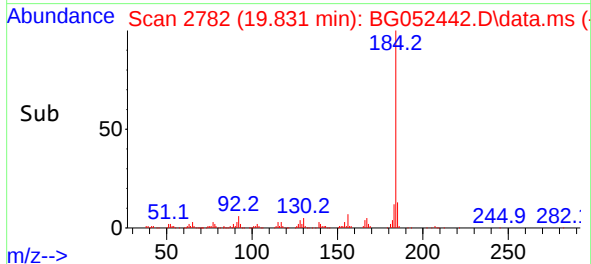
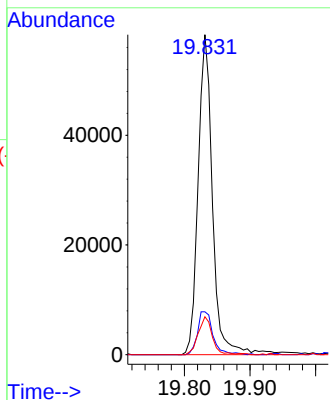
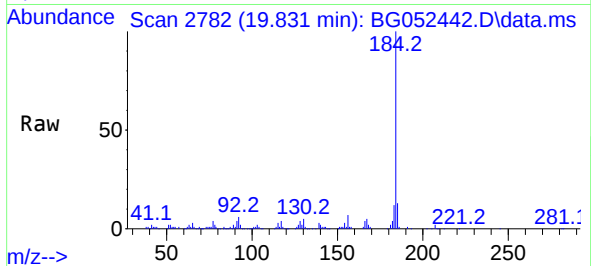
#77
Benzidine
Concen: 20.712 ng
RT: 19.831 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS

Tgt Ion:184 Resp: 8911
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.8
183 11.8 9.8 14.6

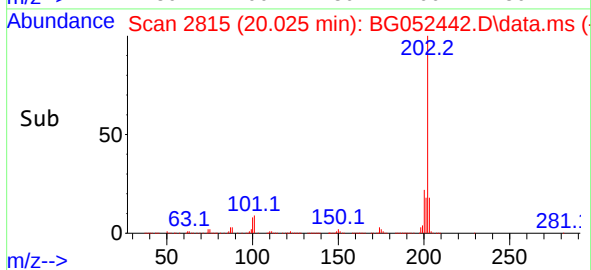
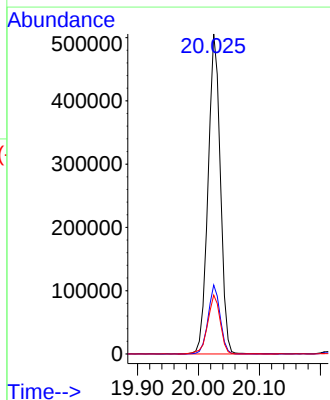
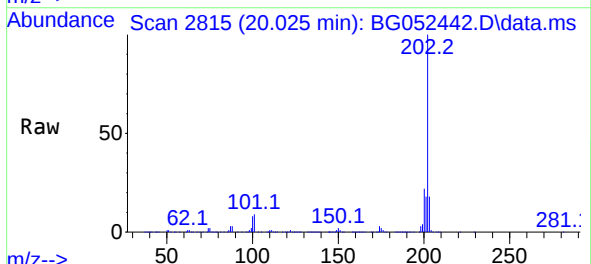
Manual Integrations
APPROVED

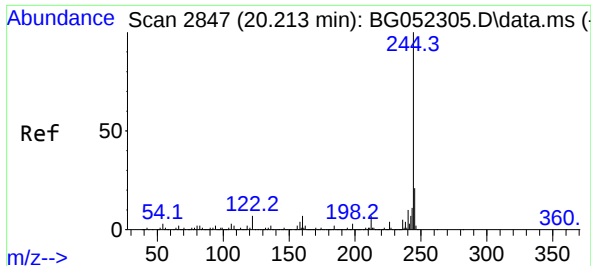
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#78
Pyrene
Concen: 52.526 ng
RT: 20.025 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Tgt Ion:202 Resp: 707683
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.4 14.5 21.7





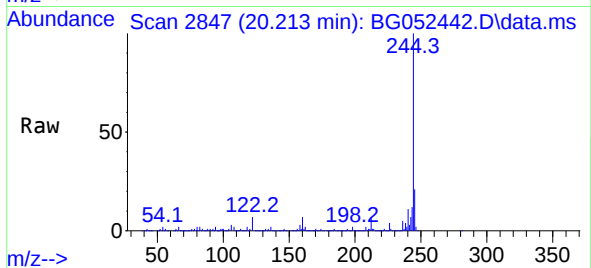
#79
 Terphenyl-d14
 Concen: 100.576 ng
 RT: 20.213 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

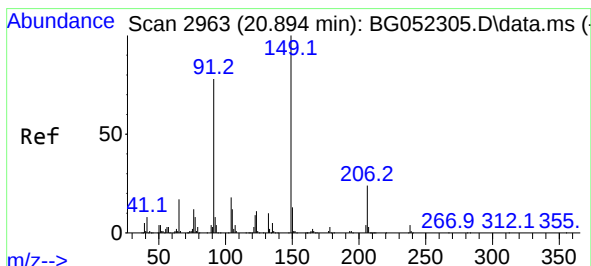
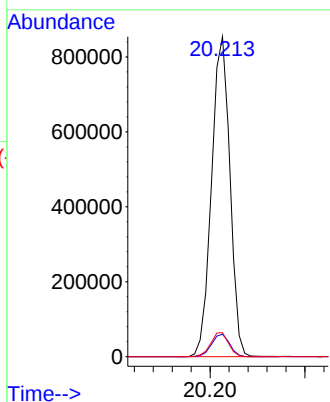
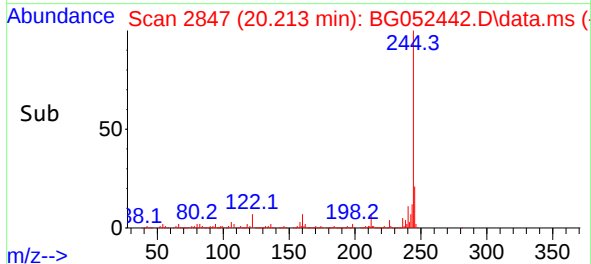


Tgt Ion:244 Resp: 1146794
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.5 6.2 9.4

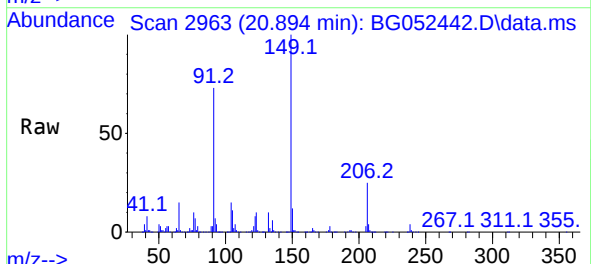
Manual Integrations

APPROVED

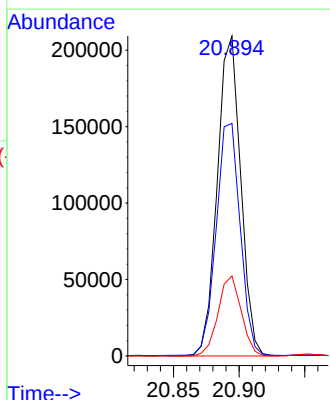
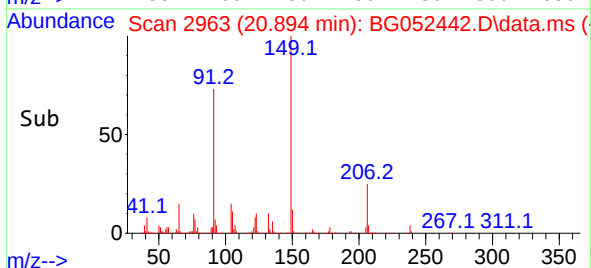
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

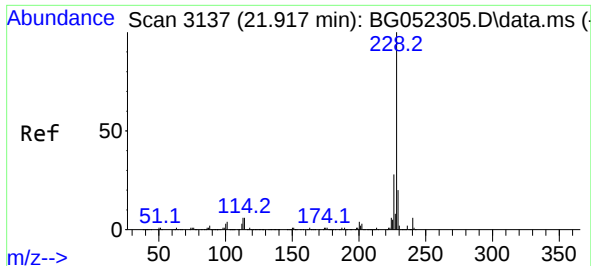


#80
 Butylbenzylphthalate
 Concen: 55.452 ng
 RT: 20.894 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06



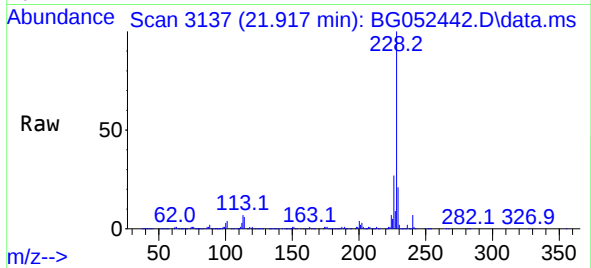
Tgt Ion:149 Resp: 259514
 Ion Ratio Lower Upper
 149 100
 91 72.7 64.0 96.0
 206 25.0 19.3 28.9





#81
Benzo(a)anthracene
Concen: 52.278 ng
RT: 21.917 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

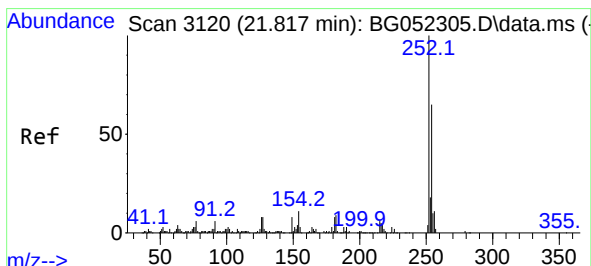
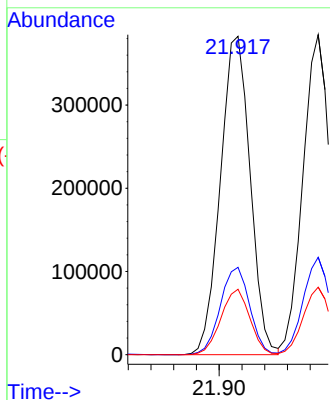
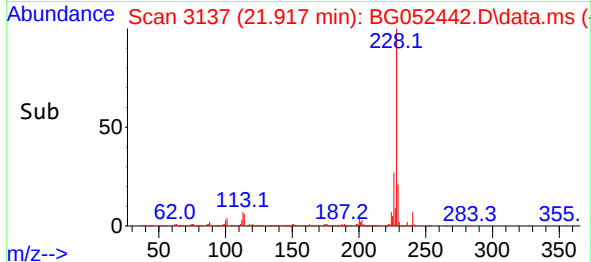
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



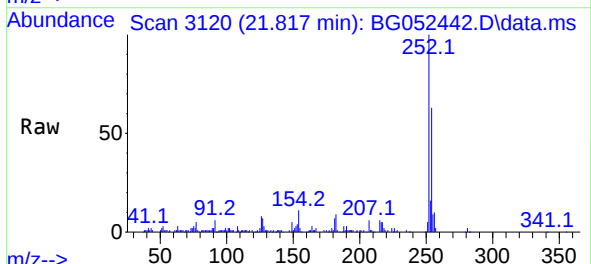
Tgt Ion:228 Resp: 696550
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.5 16.0 24.0

Manual Integrations
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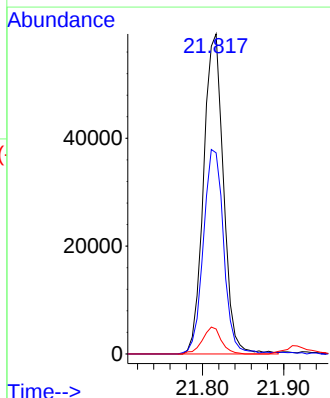
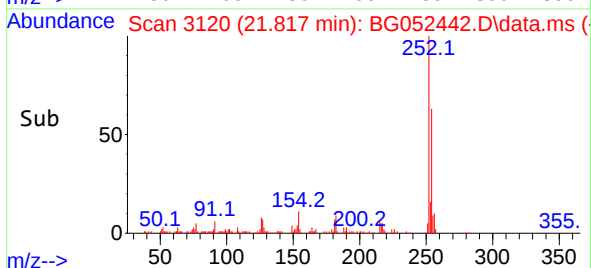
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

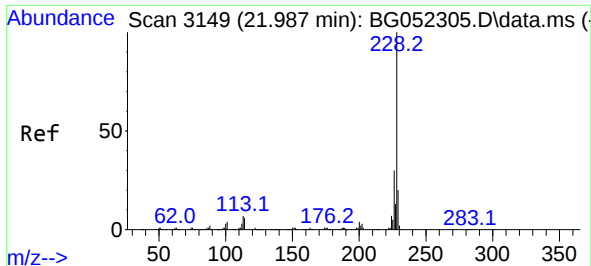


#82
3,3'-Dichlorobenzidine
Concen: 21.645 ng
RT: 21.817 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



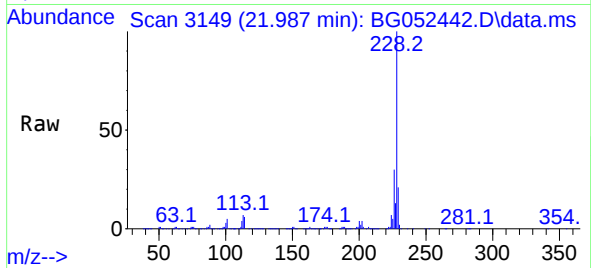
Tgt Ion:252 Resp: 100680
Ion Ratio Lower Upper
252 100
254 62.8 52.6 79.0
126 7.8 6.4 9.6





#83
Chrysene
Concen: 50.781 ng
RT: 21.987 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

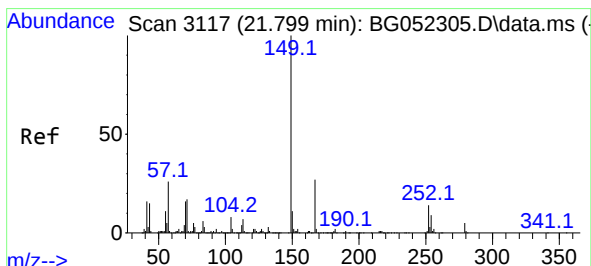
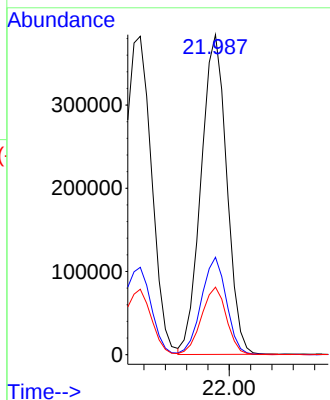
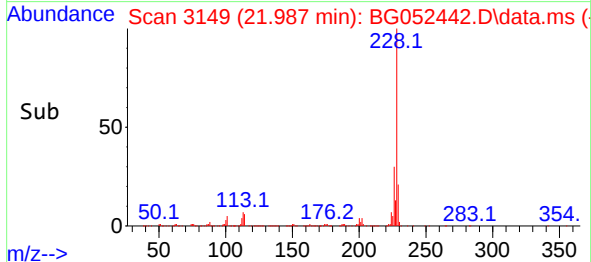
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



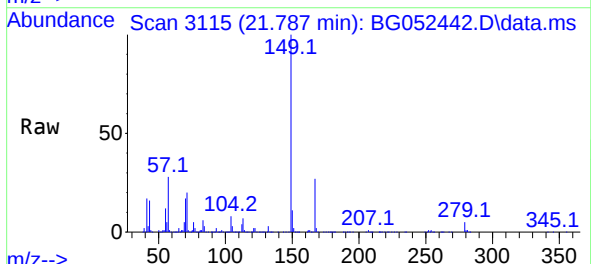
Tgt Ion:228 Resp: 641160
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.1 16.4 24.6

Manual Integrations
APPROVED

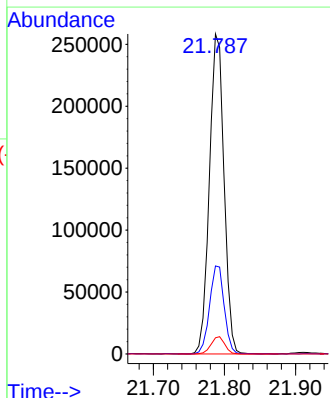
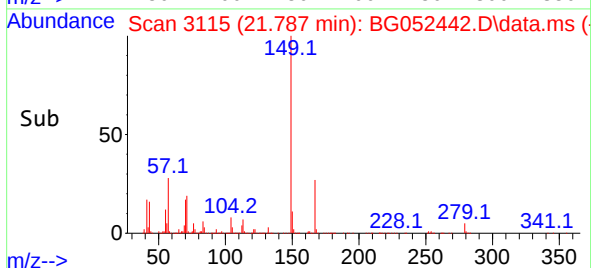
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

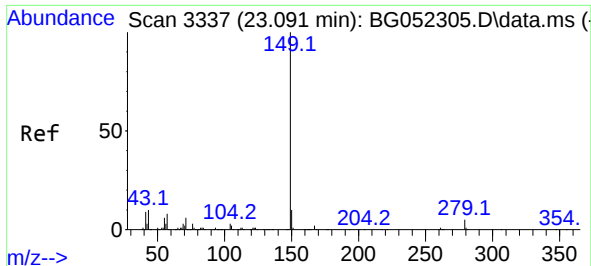


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.917 ng
RT: 21.787 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



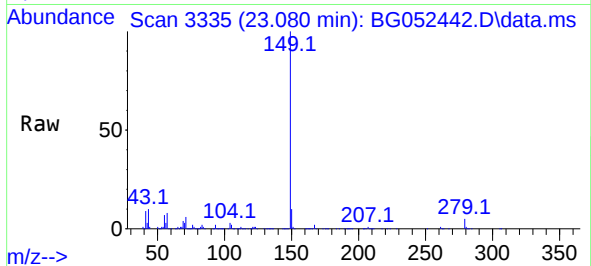
Tgt Ion:149 Resp: 369357
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 5.1 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 56.861 ng
RT: 23.080 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

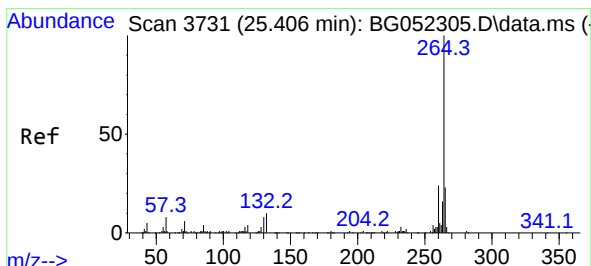
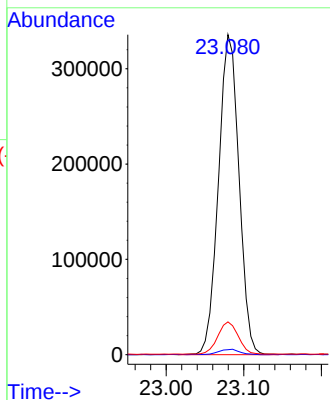
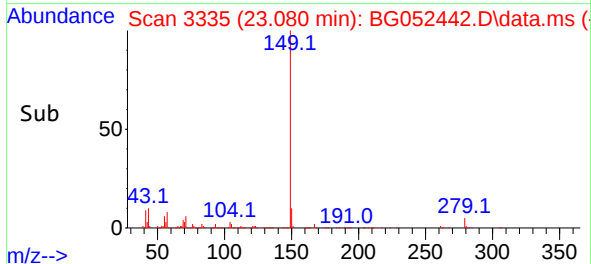
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



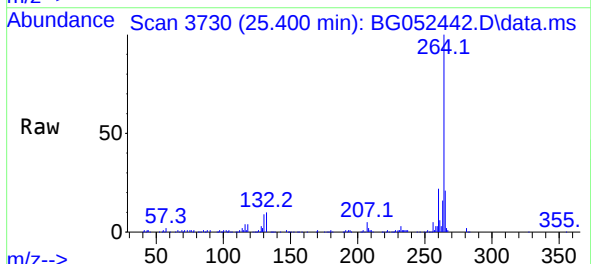
Tgt Ion:149 Resp: 618640
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 10.0 15.0

Manual Integrations
APPROVED

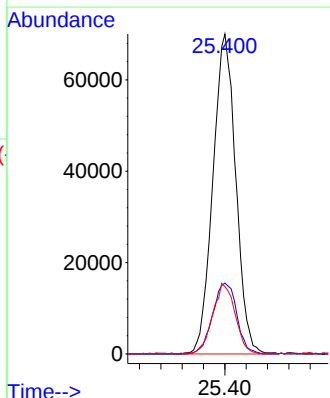
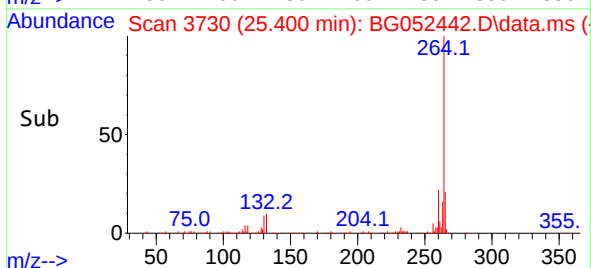
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

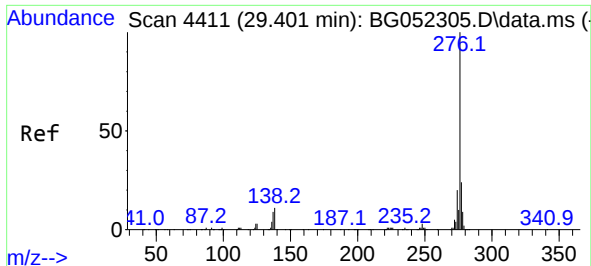


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:264 Resp: 208330
Ion Ratio Lower Upper
264 100
260 22.2 18.5 27.7
265 21.1 17.8 26.6





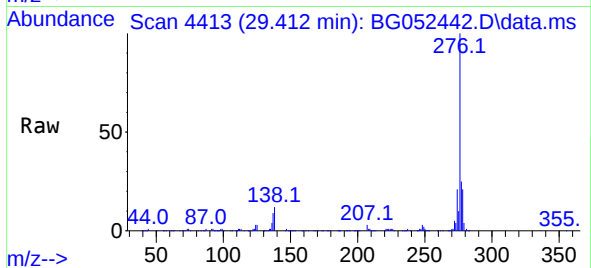
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.815 ng
 RT: 29.412 min Scan# 4411
 Delta R.T. 0.012 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMS

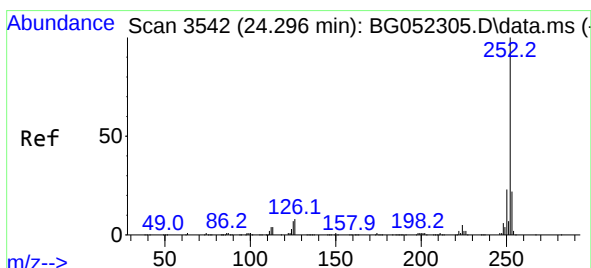
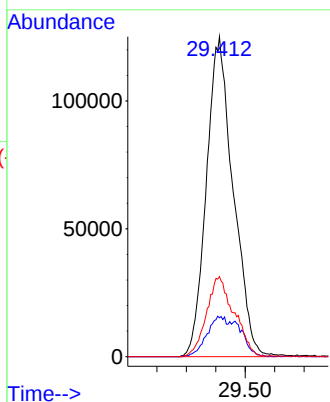
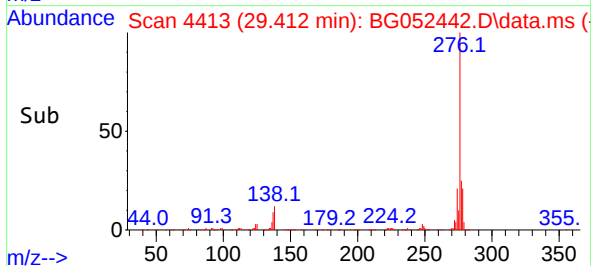


Tgt Ion:276 Resp: 78992
 Ion Ratio Lower Upper
 276 100
 138 9.4 6.1 9.1
 277 25.8 20.2 30.4

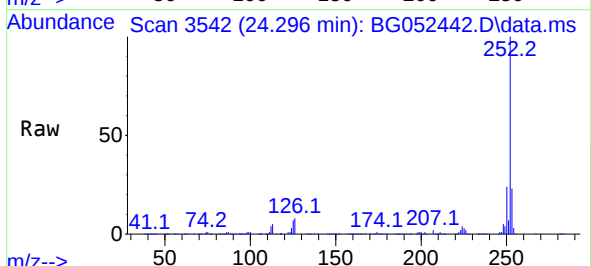
Manual Integrations

APPROVED

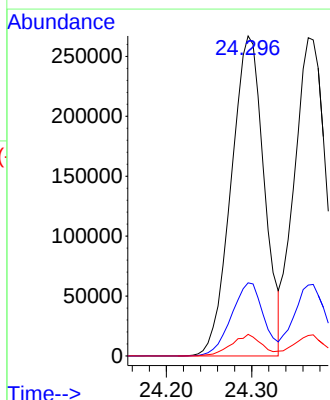
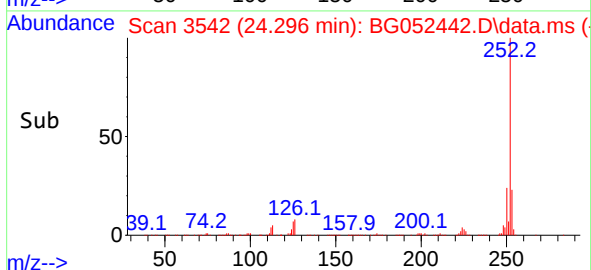
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

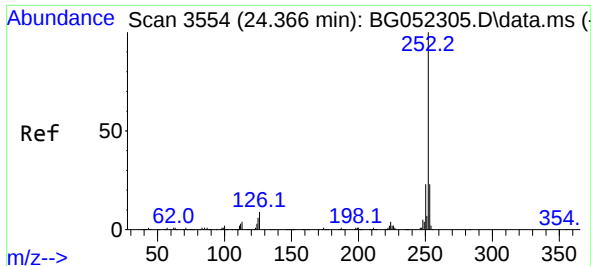


#88
 Benzo(b)fluoranthene
 Concen: 55.203 ng
 RT: 24.296 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: BG052442.D
 Acq: 21 Feb 2022 18:06



Tgt Ion:252 Resp: 716650
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.3 27.5
 125 6.8 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 53.091 ng
RT: 24.366 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

Instrument :

BNA_G

ClientSampleId :

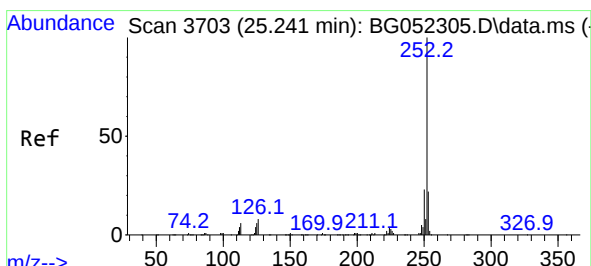
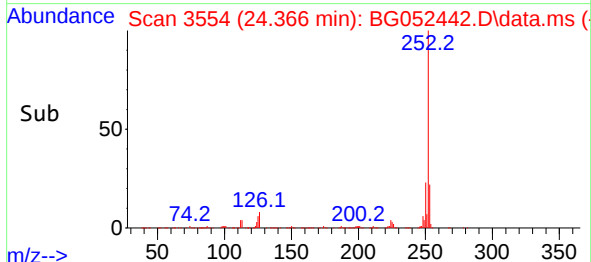
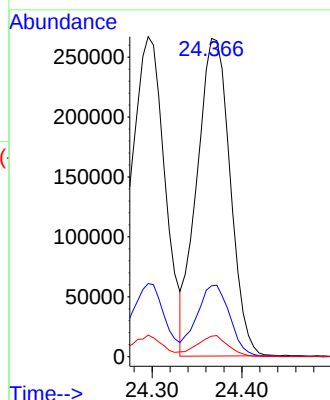
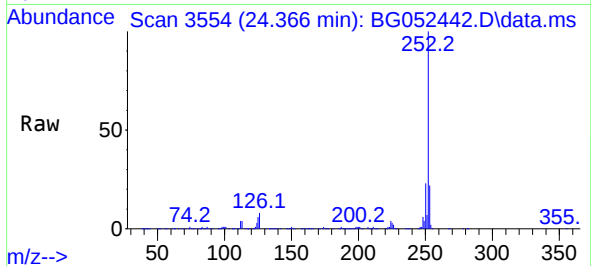
NAPL-SOCKMS

Tgt Ion:252 Resp: 680870
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 6.4 4.6 7.0

Manual Integrations

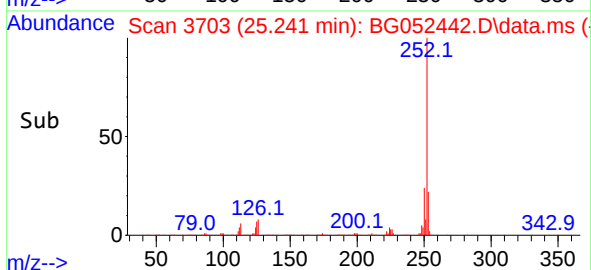
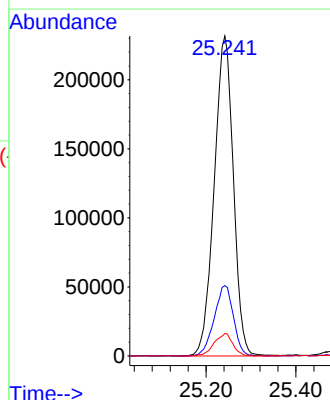
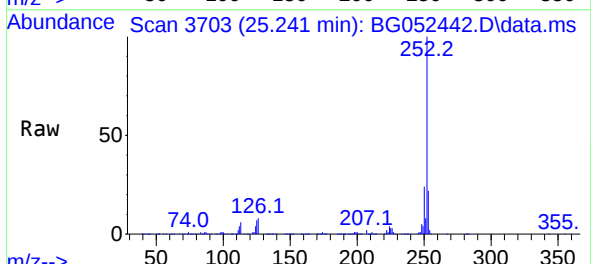
APPROVED

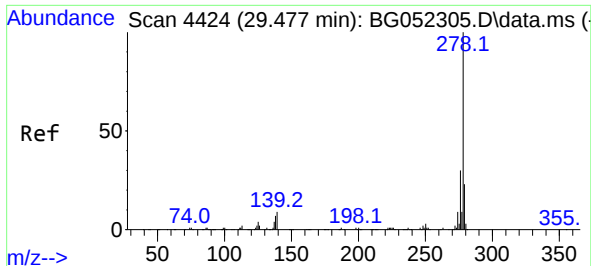
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#90
Benzo(a)pyrene
Concen: 62.548 ng
RT: 25.241 min Scan# 3703
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

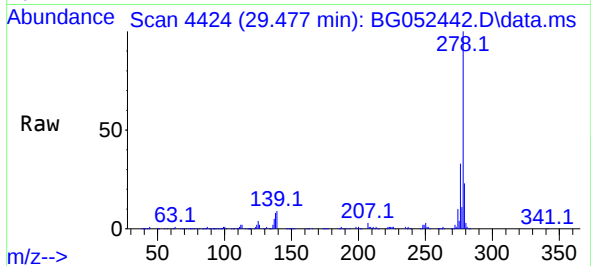
Tgt Ion:252 Resp: 685931
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 7.0 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 53.669 ng
RT: 29.477 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06

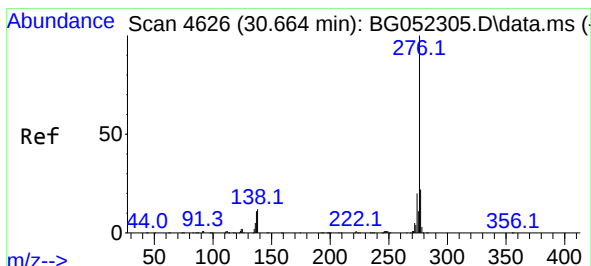
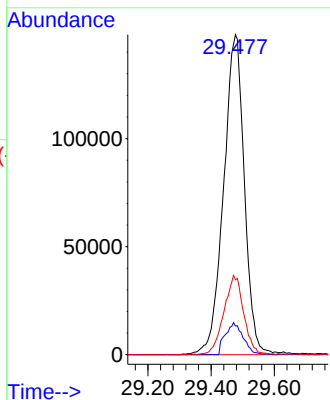
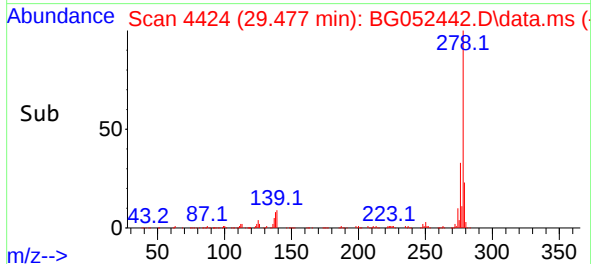
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMS



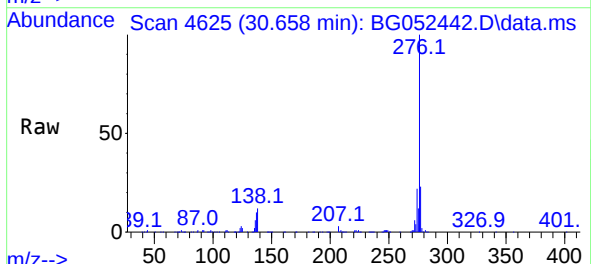
Tgt Ion:278 Resp: 67589
Ion Ratio Lower Upper
278 100
139 8.9 6.4 9.6
279 23.4 20.1 30.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#92
Benzo(g,h,i)perylene
Concen: 54.603 ng
RT: 30.658 min Scan# 4625
Delta R.T. -0.006 min
Lab File: BG052442.D
Acq: 21 Feb 2022 18:06



Tgt Ion:276 Resp: 674865
Ion Ratio Lower Upper
276 100
277 22.6 18.2 27.2
138 12.0 9.1 13.7

