

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052443.D
 Acq On : 21 Feb 2022 18:45
 Operator : CG/JU
 Sample : N1534-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NAPL-SOCKMSD

Quant Time: Feb 22 00:53:44 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	34468	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	136617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	94226	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	217233	20.000	ng	0.00
76) Chrysene-d12	21.936	240	201441	20.000	ng	# 0.00
86) Perylene-d12	25.390	264	202824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	299320	151.350	ng	0.00
7) Phenol-d6	7.379	99	376613	123.422	ng	0.00
23) Nitrobenzene-d5	9.400	82	300065	95.458	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	207189	153.053	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	674915	99.528	ng	0.00
79) Terphenyl-d14	20.214	244	1140531	99.981	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	36333	39.898	ng	# 42
3) Pyridine	4.013	79	80149	30.347	ng	94
4) n-Nitrosodimethylamine	3.907	42	60938	44.684	ng	92
6) Aniline	7.537	93	57482	16.214	ng	93
8) 2-Chlorophenol	7.790	128	117547	54.030	ng	96
9) Benzaldehyde	7.344	77	55156	29.250	ng	93
10) Phenol	7.402	94	137675	45.409	ng	96
11) bis(2-Chloroethyl)ether	7.626	93	111543	48.132	ng	92
12) 1,3-Dichlorobenzene	8.113	146	127092	51.271	ng	95
13) 1,4-Dichlorobenzene	8.260	146	128312	50.777	ng	99
14) 1,2-Dichlorobenzene	8.583	146	125143	50.214	ng	97
15) Benzyl Alcohol	8.460	79	118506	46.794	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.748	45	152047	45.435	ng	98
17) 2-Methylphenol	8.671	107	102702	51.334	ng	93
18) Hexachloroethane	9.329	117	43809	49.859	ng	90
19) n-Nitroso-di-n-propyla...	9.030	70	102228	44.438	ng	91
20) 3+4-Methylphenols	9.000	107	138594	48.421	ng	94
22) Acetophenone	9.053	105	182963	50.672	ng	# 92
24) Nitrobenzene	9.441	77	150222	50.380	ng	# 90
25) Isophorone	9.969	82	270324	50.542	ng	97
26) 2-Nitrophenol	10.163	139	68720	54.374	ng	88
27) 2,4-Dimethylphenol	10.216	122	113557	60.686	ng	91
28) bis(2-Chloroethoxy)met...	10.445	93	147091	48.459	ng	99
29) 2,4-Dichlorophenol	10.710	162	122244	54.502	ng	97
30) 1,2,4-Trichlorobenzene	10.921	180	135221	51.629	ng	99
31) Naphthalene	11.115	128	395153	55.173	ng	96
32) Benzoic acid	10.375	122	59402	48.960	ng	97
33) 4-Chloroaniline	11.221	127	13119	4.387	ng	96
34) Hexachlorobutadiene	11.397	225	86294	48.787	ng	95
35) Caprolactam	11.990	113	34492m	42.198	ng	
36) 4-Chloro-3-methylphenol	12.337	107	136464	53.480	ng	98
37) 2-Methylnaphthalene	12.707	142	280287	52.689	ng	99
38) 1-Methylnaphthalene	12.930	142	263207	51.062	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.077	216	161868	52.228	ng	98
41) Hexachlorocyclopentadiene	13.054	237	137463	91.286	ng	96
43) 2,4,6-Trichlorophenol	13.312	196	108277	53.419	ng	95

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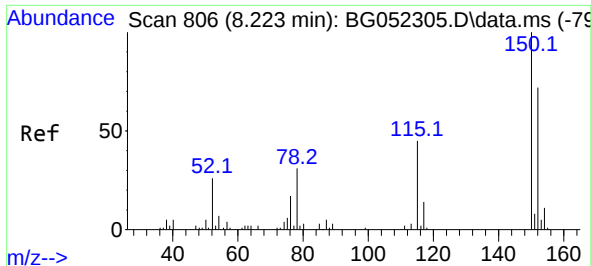
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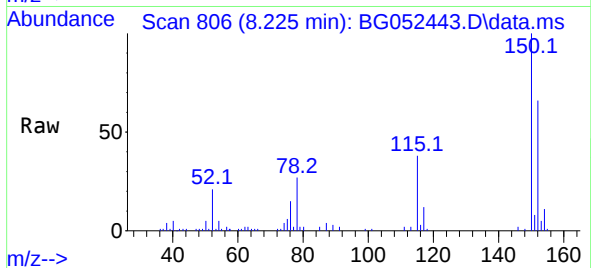
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	116328	52.958	ng	94
46) 1,1'-Biphenyl	13.706	154	394525	57.100	ng	99
47) 2-Chloronaphthalene	13.753	162	281266	52.838	ng	98
48) 2-Nitroaniline	13.946	65	95683	50.488	ng	92
49) Acenaphthylene	14.593	152	464505	53.605	ng	100
50) Dimethylphthalate	14.311	163	365833	50.682	ng	99
51) 2,6-Dinitrotoluene	14.434	165	83287	53.470	ng	# 90
52) Acenaphthene	14.933	154	278597	49.091	ng	98
53) 3-Nitroaniline	14.763	138	28566	17.644	ng	95
54) 2,4-Dinitrophenol	14.974	184	85872	88.470	ng	100
55) Dibenzofuran	15.268	168	446531	50.033	ng	98
56) 4-Nitrophenol	15.080	139	122571	100.808	ng	85
57) 2,4-Dinitrotoluene	15.221	165	120375	54.297	ng	# 88
58) Fluorene	15.914	166	397120	55.738	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.497	232	110129	52.482	ng	# 97
60) Diethylphthalate	15.668	149	356905	48.947	ng	97
61) 4-Chlorophenyl-phenyle...	15.897	204	201789	49.720	ng	97
62) 4-Nitroaniline	15.932	138	78803	46.233	ng	# 84
63) Azobenzene	16.196	77	508165	68.076	ng	91
65) 4,6-Dinitro-2-methylph...	15.991	198	63323	48.457	ng	91
66) n-Nitrosodiphenylamine	16.114	169	321937	53.788	ng	98
67) 4-Bromophenyl-phenylether	16.796	248	135094	51.137	ng	94
68) Hexachlorobenzene	16.931	284	150088	52.382	ng	92
69) Atrazine	17.054	200	129509	53.520	ng	92
70) Pentachlorophenol	17.271	266	164592	117.417	ng	96
71) Phenanthrene	17.665	178	578771	51.683	ng	98
72) Anthracene	17.753	178	584368	53.251	ng	99
73) Carbazole	18.017	167	534013	49.894	ng	99
74) Di-n-butylphthalate	18.558	149	611176	52.411	ng	98
75) Fluoranthene	19.662	202	702202	49.245	ng	98
77) Benzidine	19.833	184	87837	20.407	ng	98
78) Pyrene	20.026	202	706259	52.396	ng	99
80) Butylbenzylphthalate	20.890	149	259518	55.427	ng	96
81) Benzo(a)anthracene	21.912	228	689427	51.719	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	107176	23.031	ng	100
83) Chrysene	21.988	228	640309	50.690	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	368231	56.718	ng	98
85) Di-n-octyl phthalate	23.081	149	614681	56.470	ng	95
87) Indeno(1,2,3-cd)pyrene	29.402	276	783683	52.801	ng	# 94
88) Benzo(b)fluoranthene	24.297	252	721559	57.090	ng	98
89) Benzo(k)fluoranthene	24.368	252	667368	53.451	ng	99
90) Benzo(a)pyrene	25.243	252	676996	63.409	ng	99
91) Dibenzo(a,h)anthracene	29.467	278	674705	55.029	ng	# 96
92) Benzo(g,h,i)perylene	30.665	276	666276	55.372	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

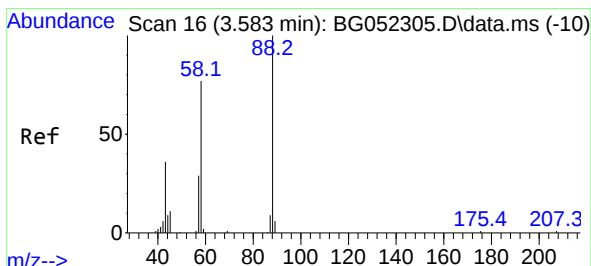
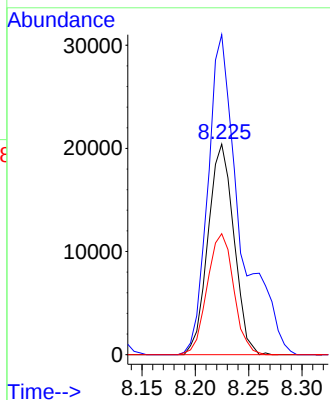
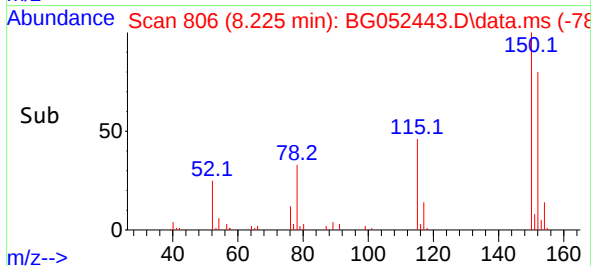
Instrument :
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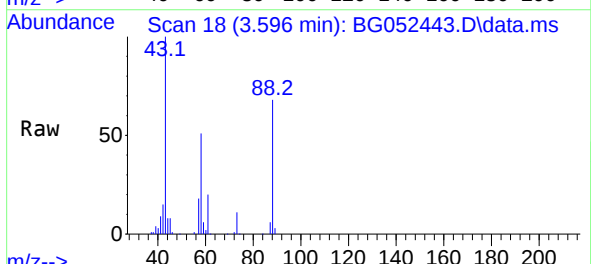
Tgt Ion:152 Resp: 3446
Ion Ratio Lower Upper
152 100
150 152.0 117.8 176.8
115 57.4 50.2 75.2

Manual Integrations
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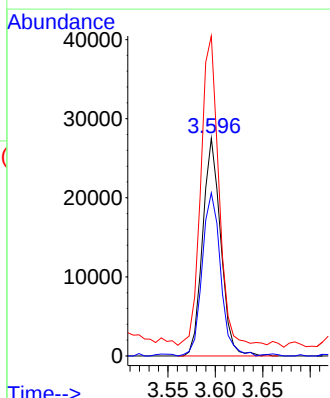
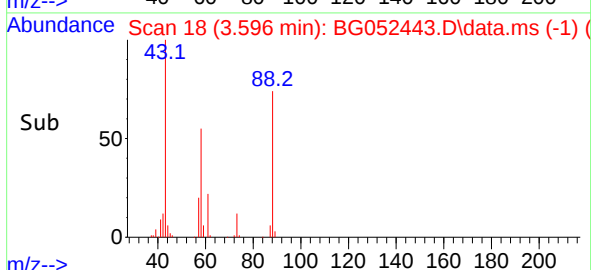
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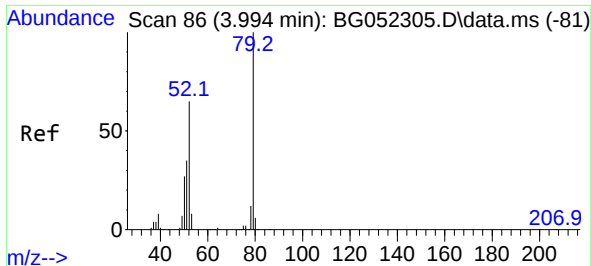


#2
1,4-Dioxane
Concen: 39.898 ng
RT: 3.596 min Scan# 18
Delta R.T. 0.013 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



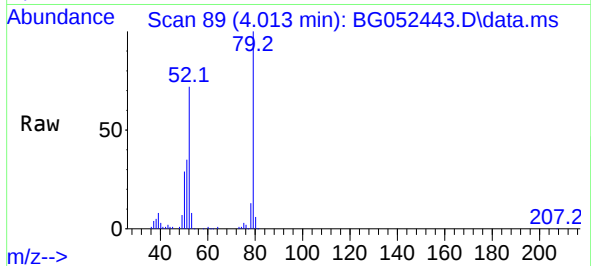
Tgt Ion: 88 Resp: 36333
Ion Ratio Lower Upper
88 100
58 76.6 65.8 98.8
43 140.7 31.6 47.4#





#3
Pyridine
Concen: 30.347 ng
RT: 4.013 min Scan# 89
Delta R.T. 0.019 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

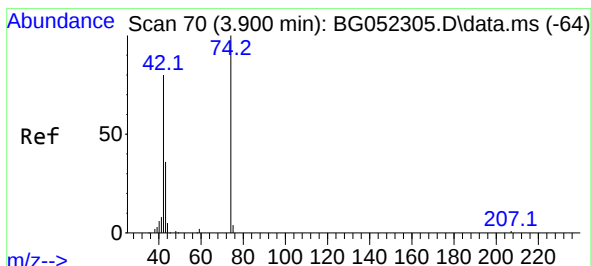
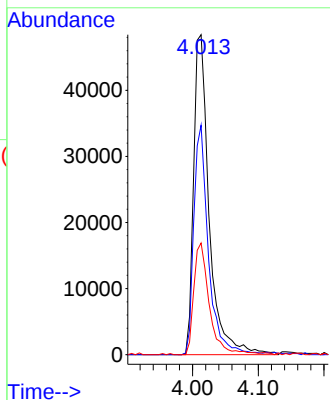
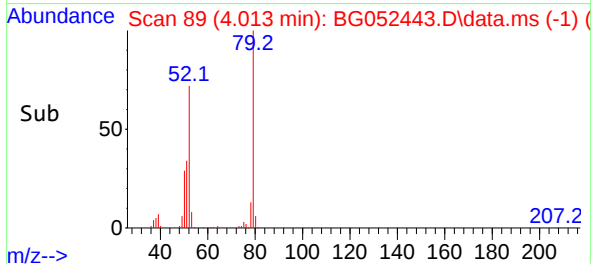
Instrument :
BNA_G
ClientSampleId :
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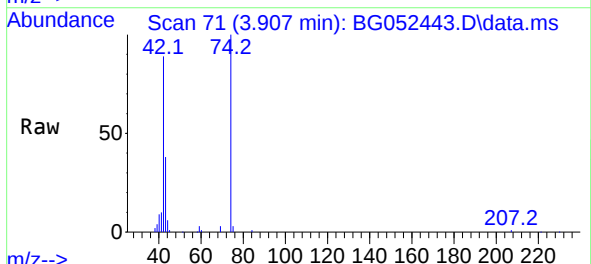
Tgt Ion: 79 Resp: 80149
Ion Ratio Lower Upper
79 100
52 71.7 55.0 82.6
51 34.9 32.5 48.7

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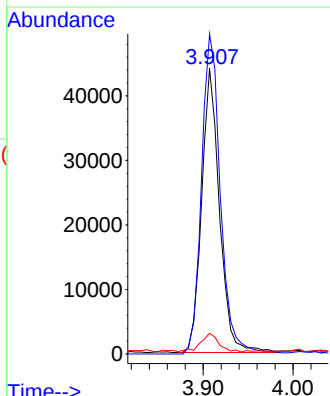
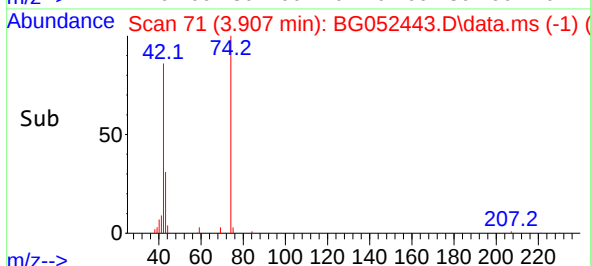
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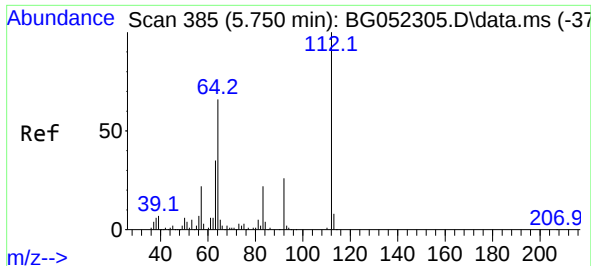


#4
n-Nitrosodimethylamine
Concen: 44.684 ng
RT: 3.907 min Scan# 71
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion: 42 Resp: 60938
Ion Ratio Lower Upper
42 100
74 112.1 83.0 124.4
44 7.3 5.0 7.6





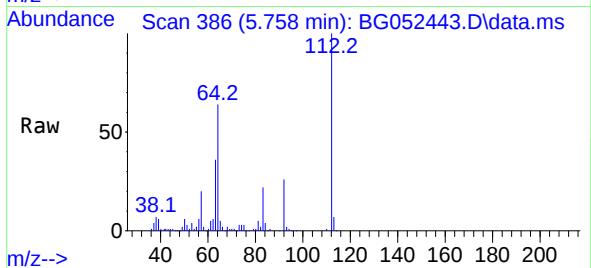
#5
2-Fluorophenol
Concen: 151.350 ng
RT: 5.758 min Scan# 385
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

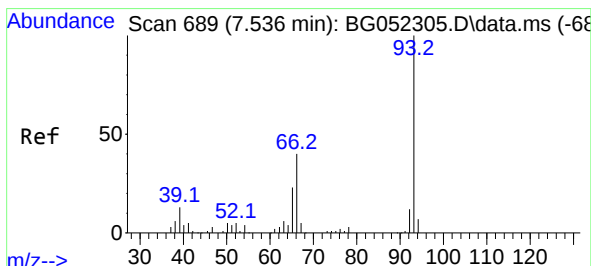
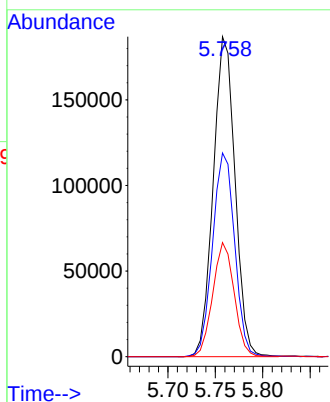
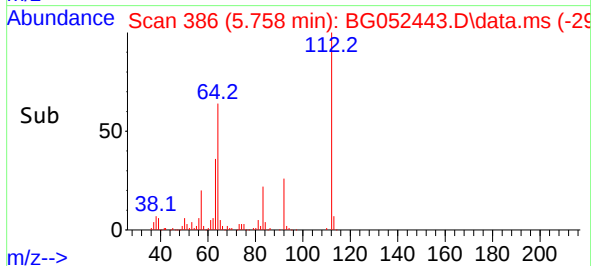


Tgt Ion: 112 Resp: 299320
Ion Ratio Lower Upper
112 100
64 63.7 60.4 90.6
63 35.7 33.3 49.9

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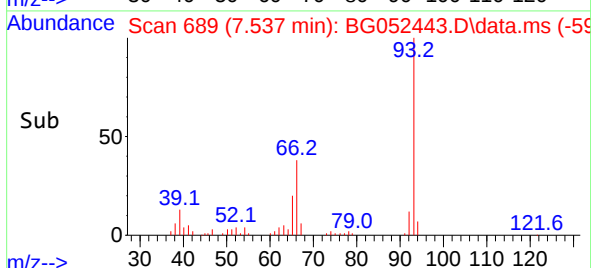
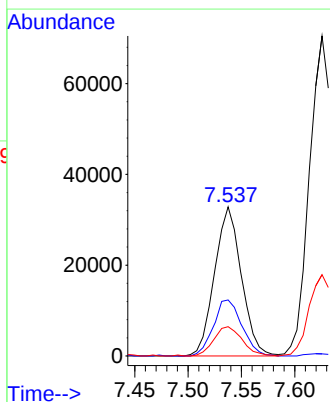
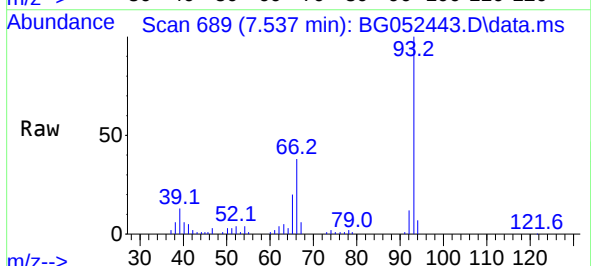
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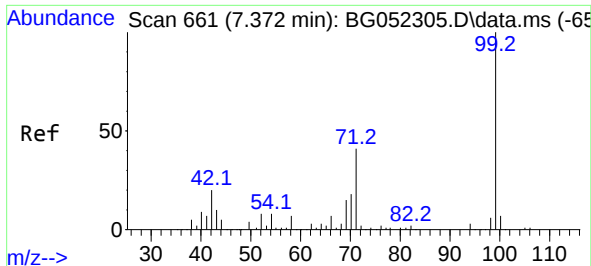
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#6
Aniline
Concen: 16.214 ng
RT: 7.537 min Scan# 689
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

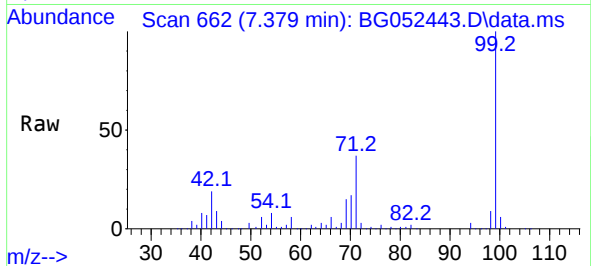
Tgt Ion: 93 Resp: 57482
Ion Ratio Lower Upper
93 100
66 37.6 34.3 51.5
65 19.7 17.6 26.4





#7
Phenol-d6
Concen: 123.422 ng
RT: 7.379 min Scan# 661
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

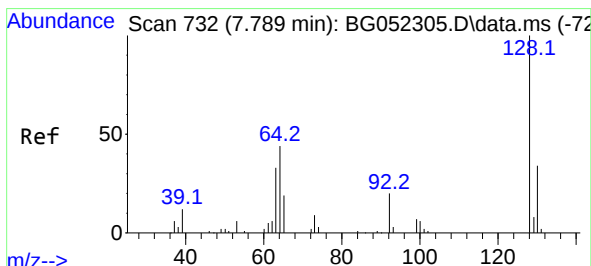
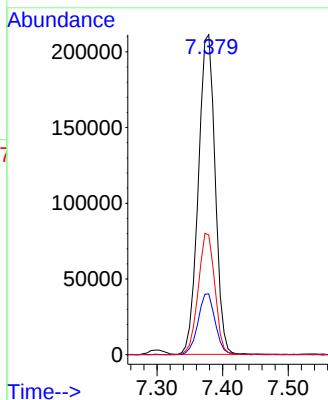
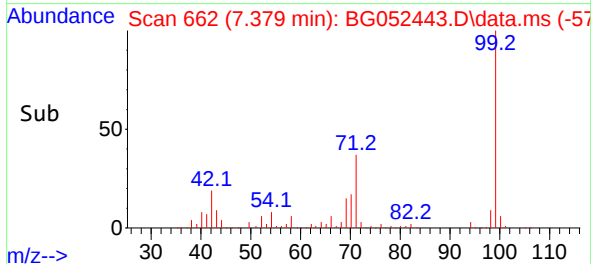
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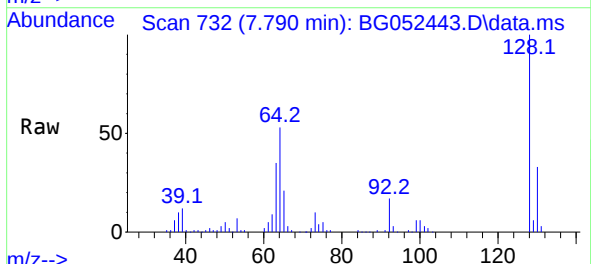
Tgt Ion: 99 Resp: 376611
Ion Ratio Lower Upper
99 100
42 19.0 19.1 28.7
71 37.5 33.4 50.2

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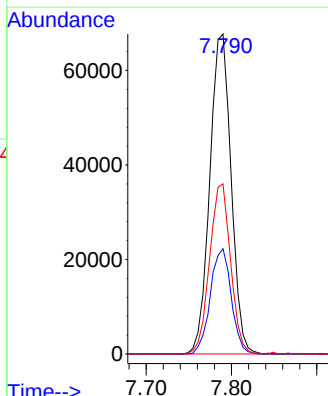
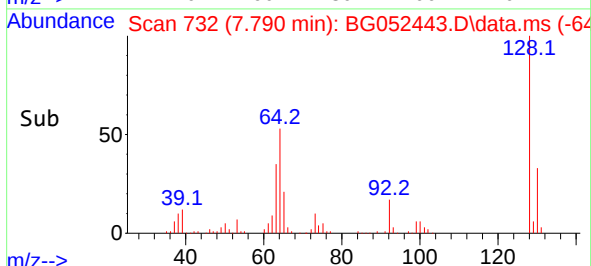
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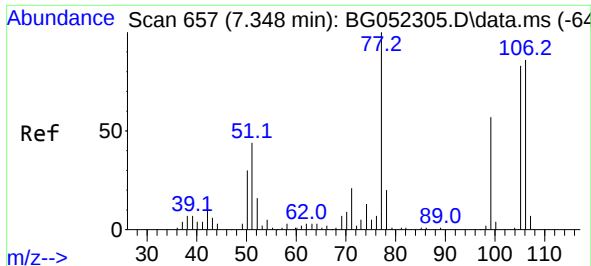


#8
2-Chlorophenol
Concen: 54.030 ng
RT: 7.790 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:128 Resp: 117547
Ion Ratio Lower Upper
128 100
130 32.9 13.6 53.6
64 53.2 37.8 77.8





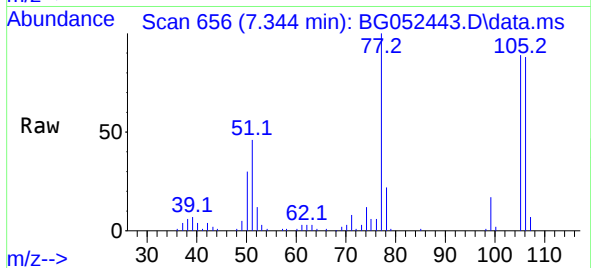
#9
Benzaldehyde
Concen: 29.250 ng
RT: 7.344 min Scan# 611
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

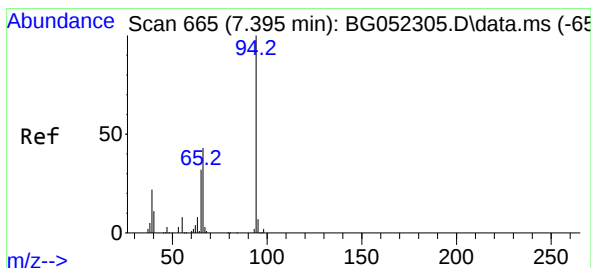
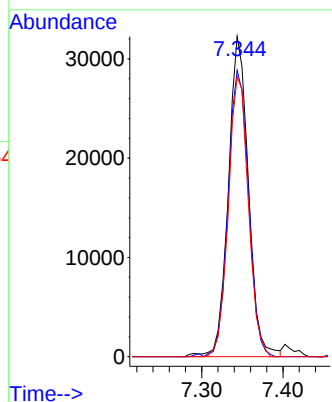


Tgt Ion: 77 Resp: 55150
Ion Ratio Lower Upper
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105 89.5 66.1 106.1
106 87.5 58.1 98.1

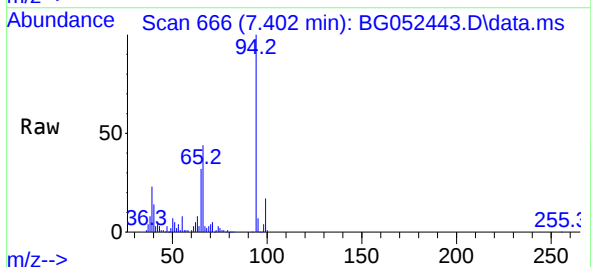
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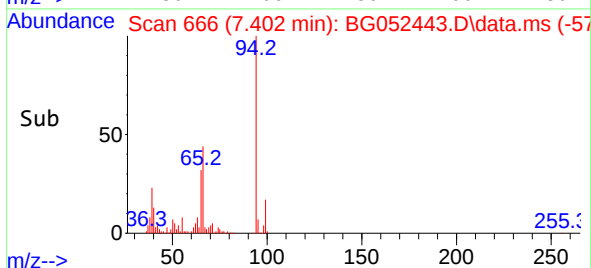
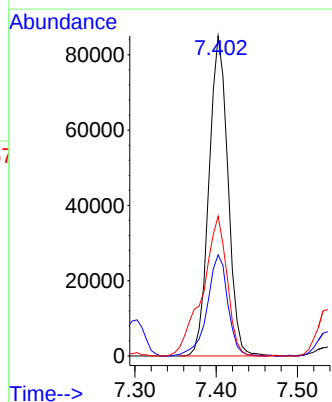
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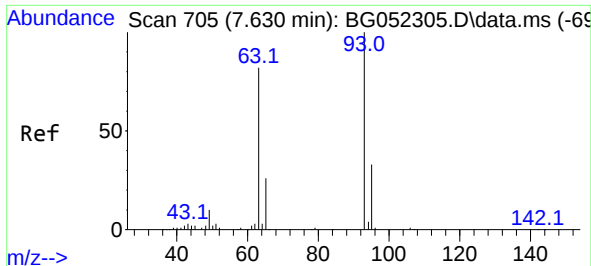


#10
Phenol
Concen: 45.409 ng
RT: 7.402 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion: 94 Resp: 137675
Ion Ratio Lower Upper
94 100
65 31.6 14.1 54.1
66 43.6 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 48.132 ng
RT: 7.626 min Scan# 705
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

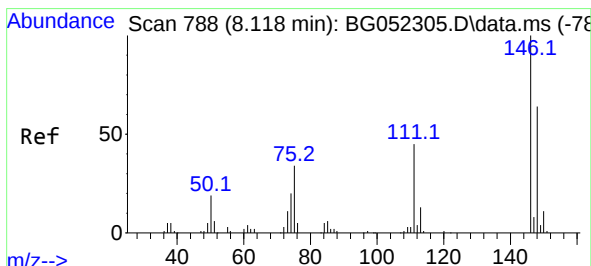
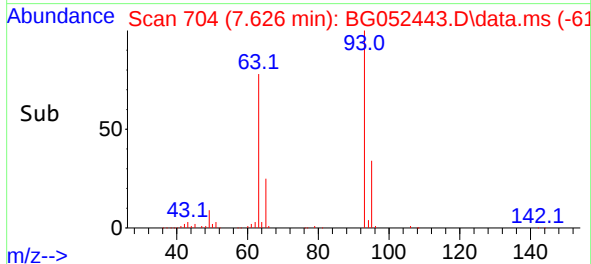
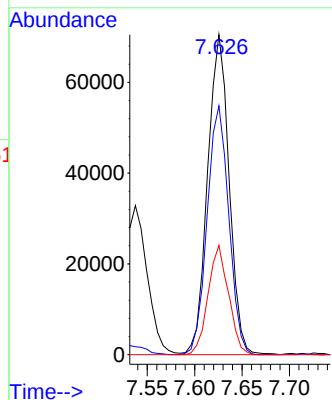
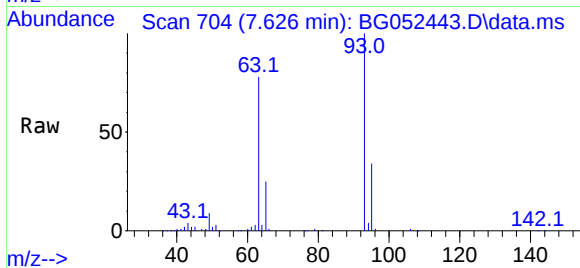
NAPL-SOCKMSD

Tgt Ion: 93 Resp: 11154
Ion Ratio Lower Upper
93 100
63 77.7 67.1 107.1
95 34.1 13.0 53.0

Manual Integrations

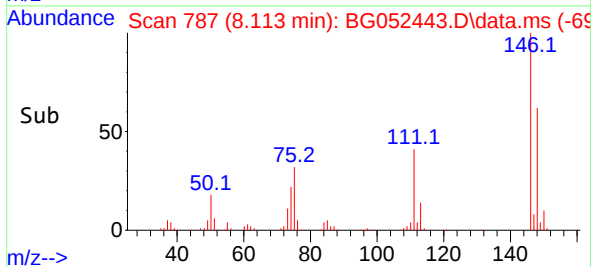
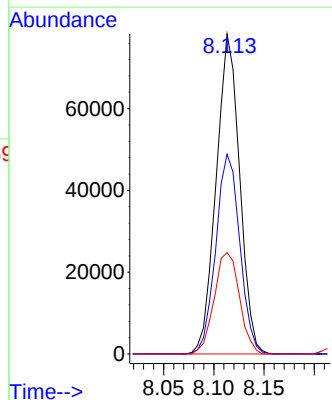
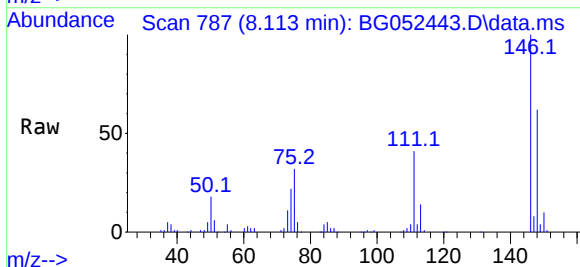
APPROVED

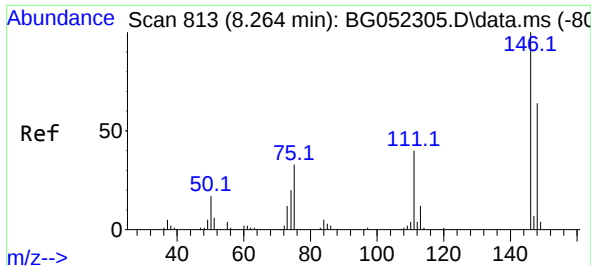
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#12
1,3-Dichlorobenzene
Concen: 51.271 ng
RT: 8.113 min Scan# 787
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

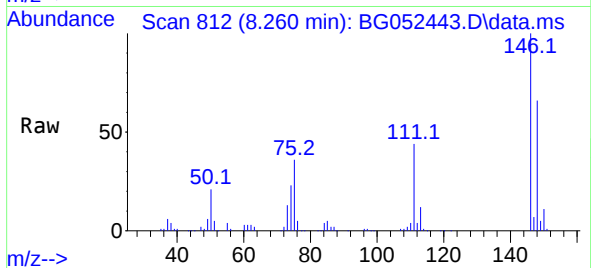
Tgt Ion:146 Resp: 127092
Ion Ratio Lower Upper
146 100
148 62.4 49.1 73.7
75 31.7 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 50.777 ng
RT: 8.260 min Scan# 813
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

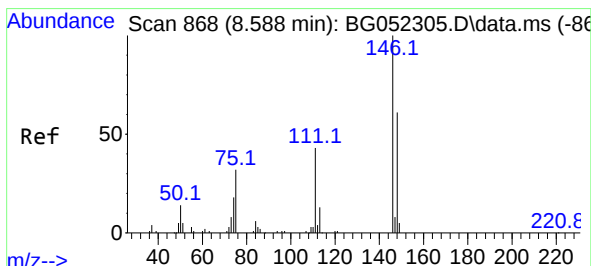
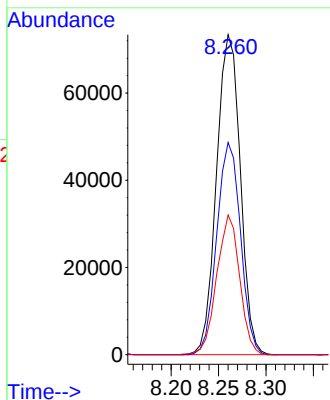
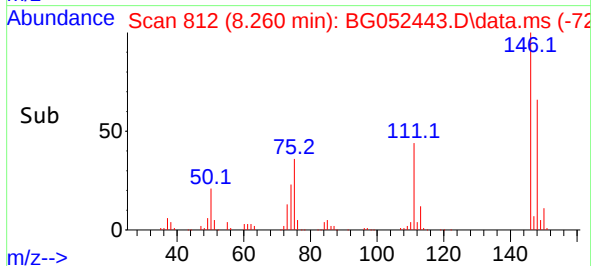
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



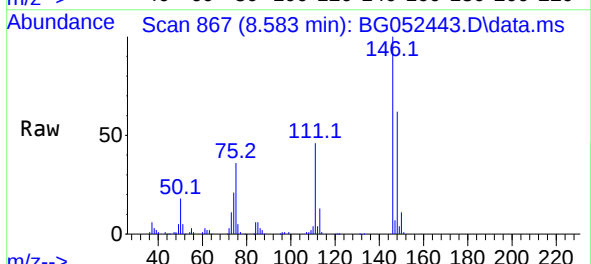
Tgt Ion:146 Resp: 128312
Ion Ratio Lower Upper
146 100
148 66.3 52.6 78.8
111 43.6 33.8 50.8

Manual Integrations
APPROVED

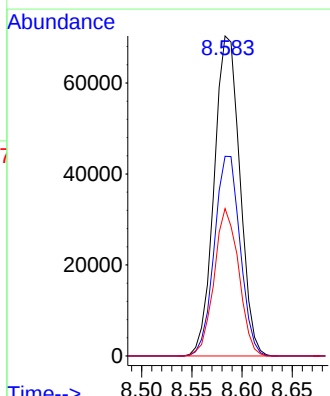
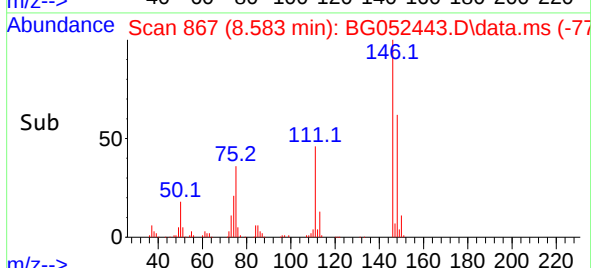
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

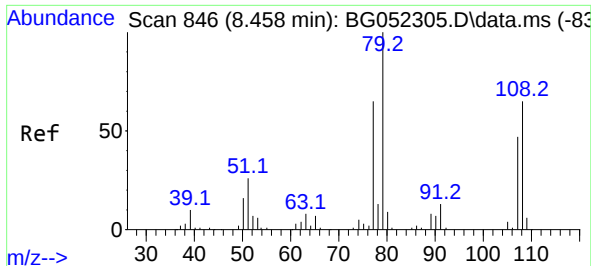


#14
1,2-Dichlorobenzene
Concen: 50.214 ng
RT: 8.583 min Scan# 867
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:146 Resp: 125143
Ion Ratio Lower Upper
146 100
148 62.4 46.5 69.7
111 46.1 37.0 55.4





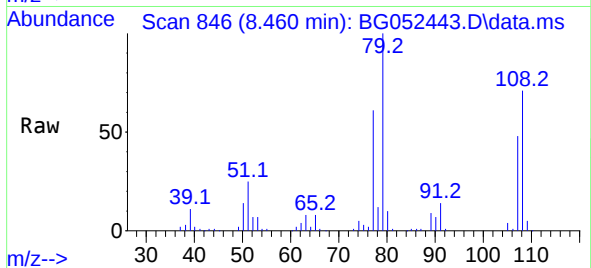
#15
Benzyl Alcohol
Concen: 46.794 ng
RT: 8.460 min Scan# 846
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

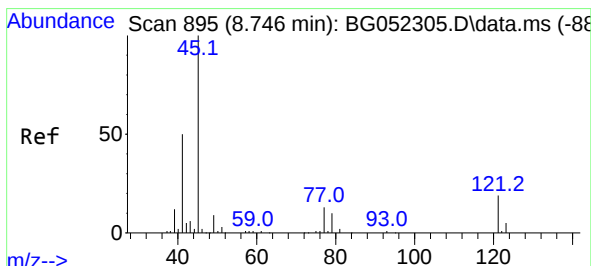
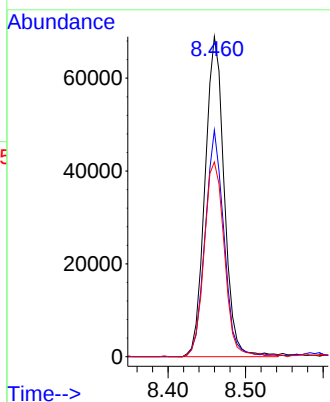
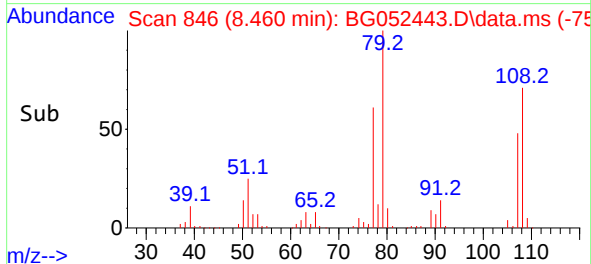
NAPL-SOCKMSD



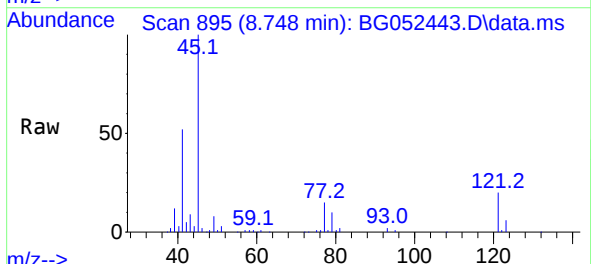
Tgt Ion: 79 Resp: 118500
Ion Ratio Lower Upper
79 100
108 70.8 53.8 80.6
77 60.9 54.4 81.6

Manual Integrations
APPROVED

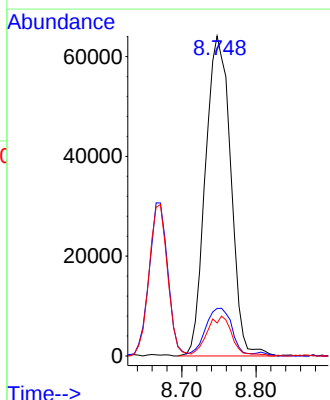
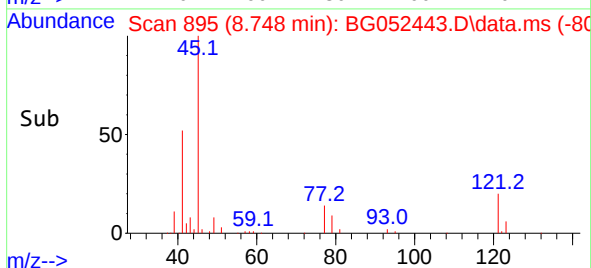
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

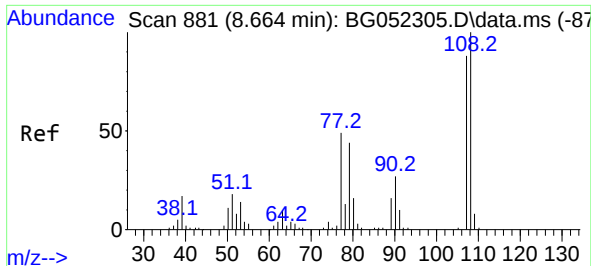


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.435 ng
RT: 8.748 min Scan# 895
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion: 45 Resp: 152047
Ion Ratio Lower Upper
45 100
77 14.9 0.0 33.8
79 10.3 0.0 31.1





#17
2-Methylphenol
Concen: 51.334 ng
RT: 8.671 min Scan# 881
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

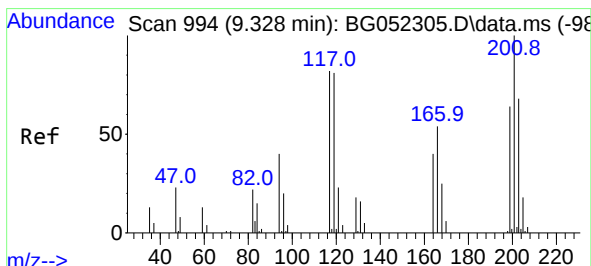
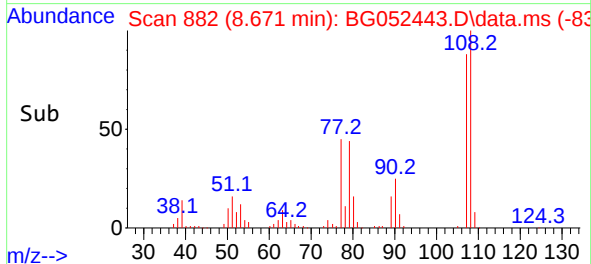
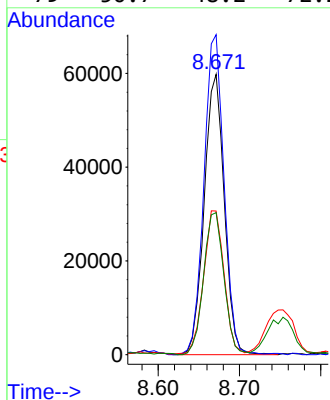
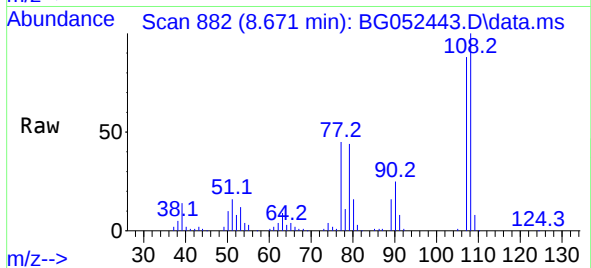
NAPL-SOCKMSD

Tgt Ion:107 Resp: 102702
Ion Ratio Lower Upper
107 100
108 114.2 90.3 135.5
77 51.2 49.0 73.6
79 50.7 48.2 72.2

Manual Integrations

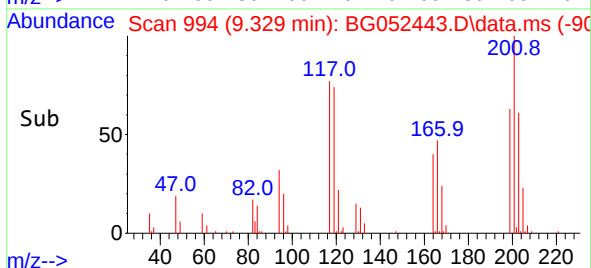
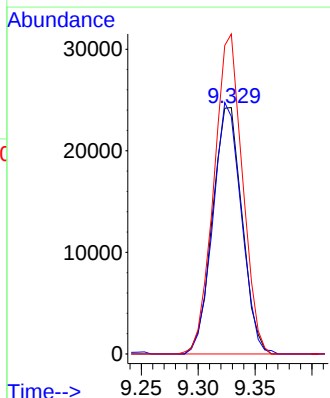
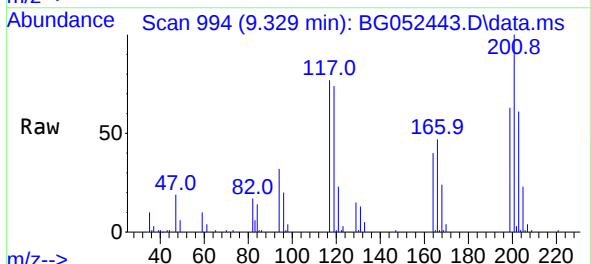
APPROVED

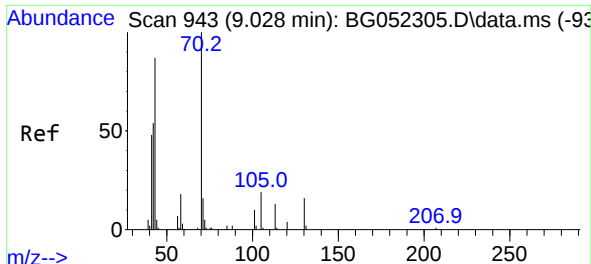
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#18
Hexachloroethane
Concen: 49.859 ng
RT: 9.329 min Scan# 994
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:117 Resp: 43809
Ion Ratio Lower Upper
117 100
119 96.4 73.5 110.3
201 129.8 91.0 136.6





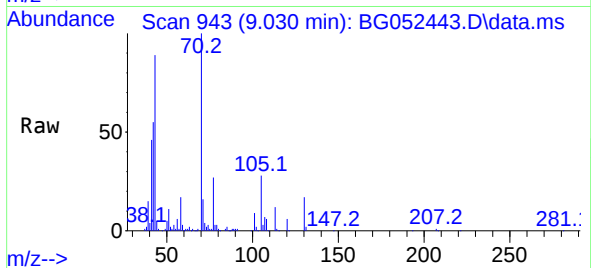
#19
n-Nitroso-di-n-propylamine
Concen: 44.438 ng
RT: 9.030 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

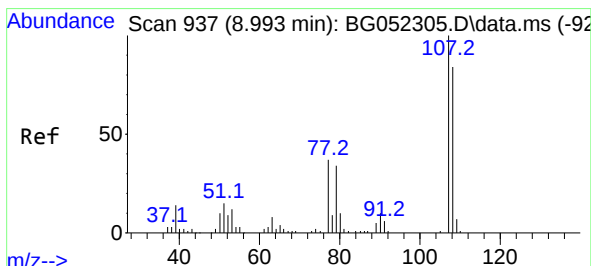
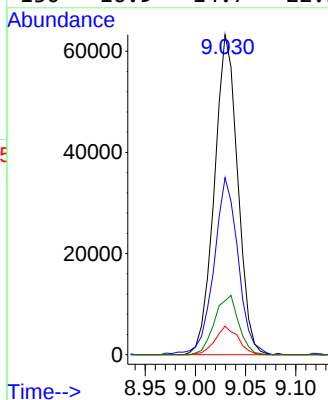
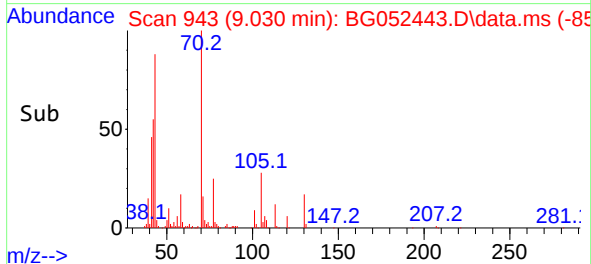


Tgt Ion: 70 Resp: 102228
Ion Ratio Lower Upper
70 100
42 55.3 51.8 77.6
101 8.9 6.6 10.0
130 16.9 14.7 22.1

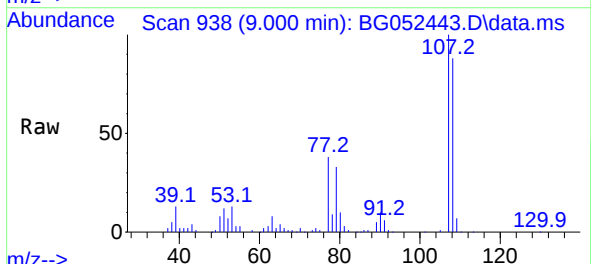
Manual Integrations

APPROVED

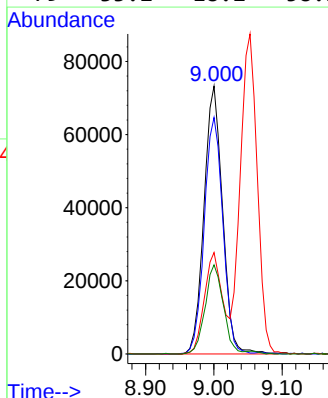
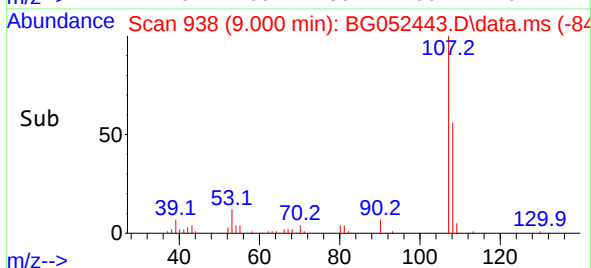
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

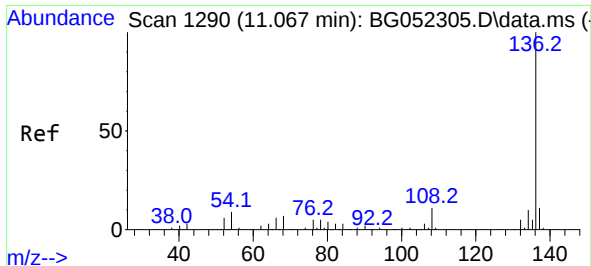


#20
3+4-Methylphenols
Concen: 48.421 ng
RT: 9.000 min Scan# 938
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:107 Resp: 138594
Ion Ratio Lower Upper
107 100
108 88.3 71.9 111.9
77 37.9 24.6 64.6
79 33.2 18.2 58.2





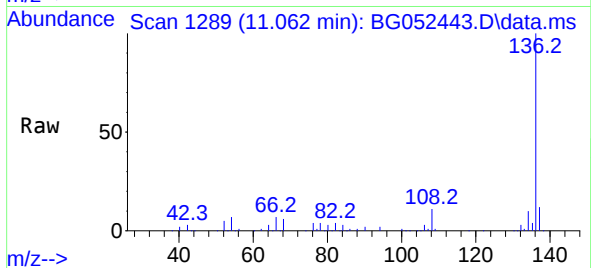
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

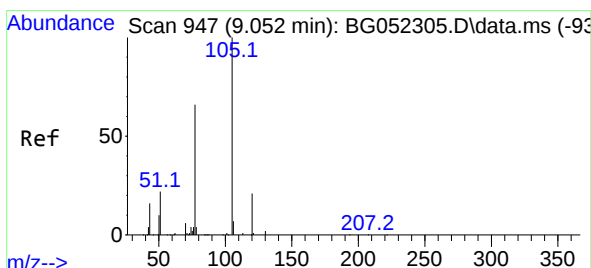
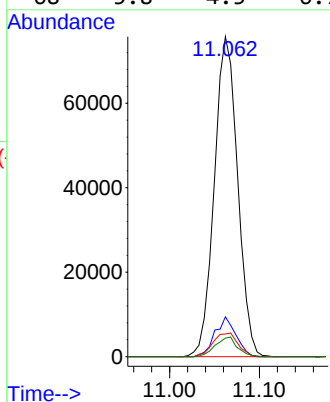
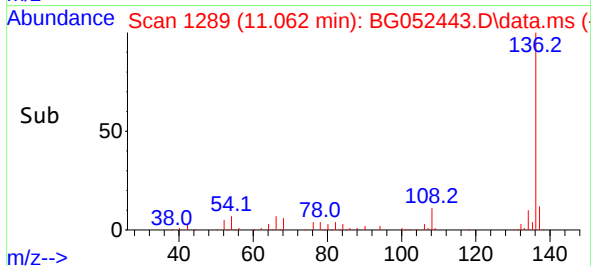


Tgt Ion:136 Resp: 136617
Ion Ratio Lower Upper
136 100
137 12.5 9.1 13.7
54 7.1 8.3 12.5
68 5.8 4.5 6.7

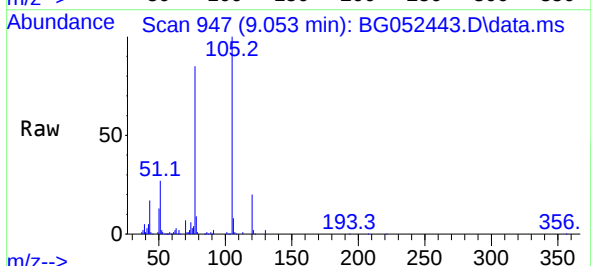
Manual Integrations

APPROVED

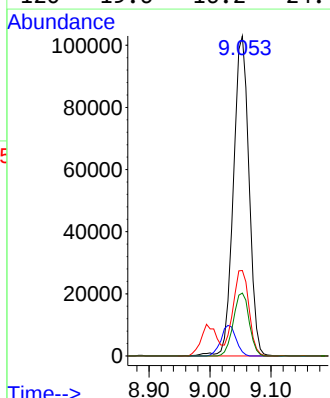
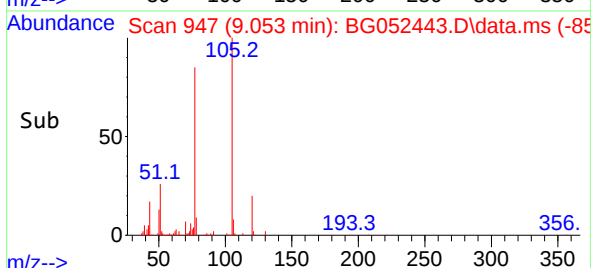
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

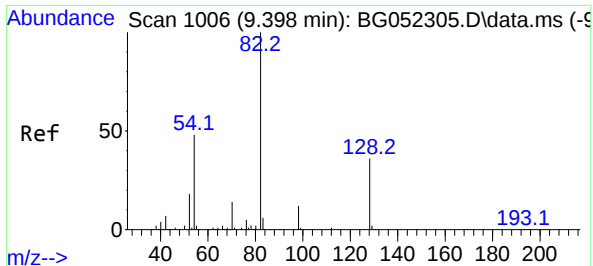


#22
Acetophenone
Concen: 50.672 ng
RT: 9.053 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:105 Resp: 182963
Ion Ratio Lower Upper
105 100
71 1.3 1.8 2.6#
51 26.7 27.0 40.4#
120 19.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 95.458 ng

RT: 9.400 min Scan# 1006

Delta R.T. 0.001 min

Lab File: BG052443.D

Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

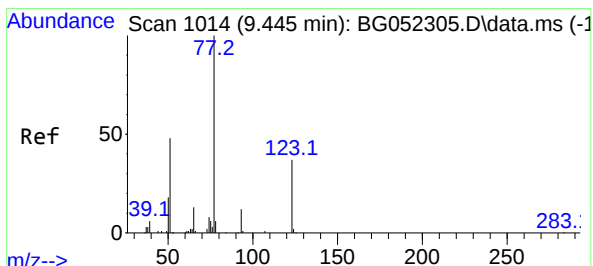
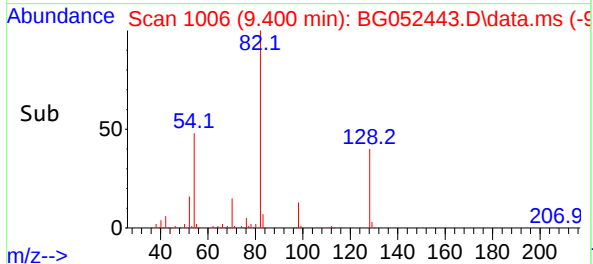
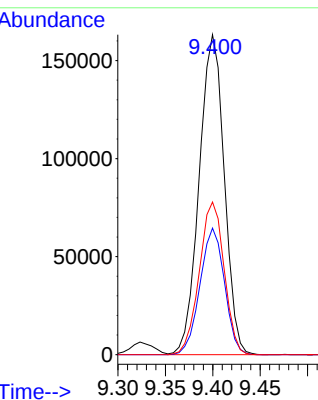
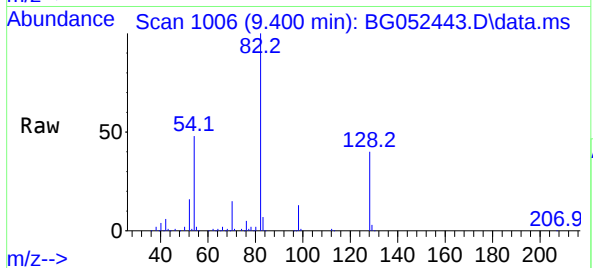
Tgt Ion: 82 Resp: 30006

Ion	Ratio	Lower	Upper
82	100		
128	39.6	27.0	40.4
54	47.7	41.0	61.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 50.380 ng

RT: 9.441 min Scan# 1013

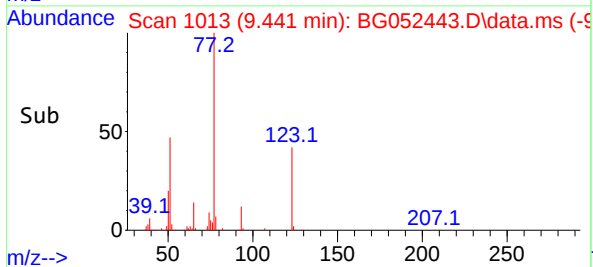
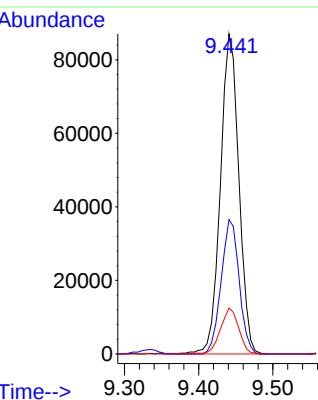
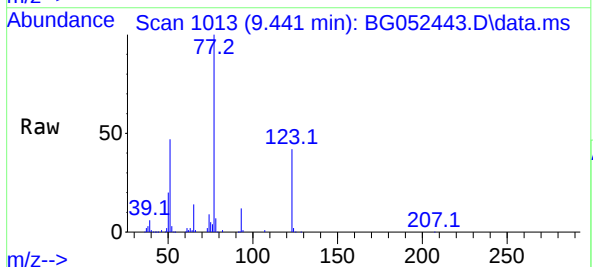
Delta R.T. -0.004 min

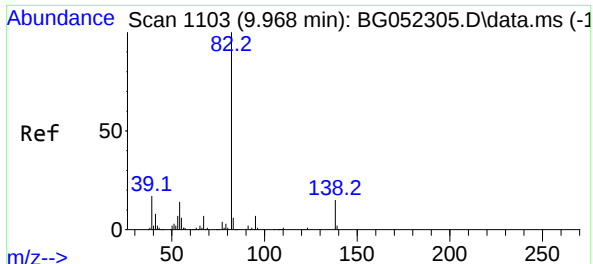
Lab File: BG052443.D

Acq: 21 Feb 2022 18:45

Tgt Ion: 77 Resp: 150222

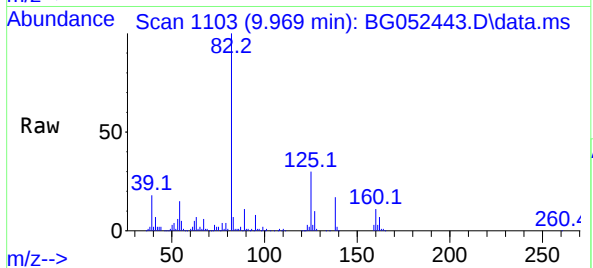
Ion	Ratio	Lower	Upper
77	100		
123	42.0	27.1	40.7#
65	14.3	11.2	16.8





#25
Isophorone
Concen: 50.542 ng
RT: 9.969 min Scan# 1103
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

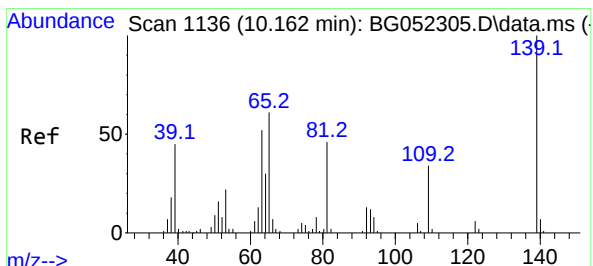
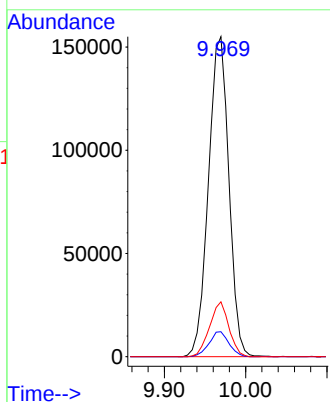
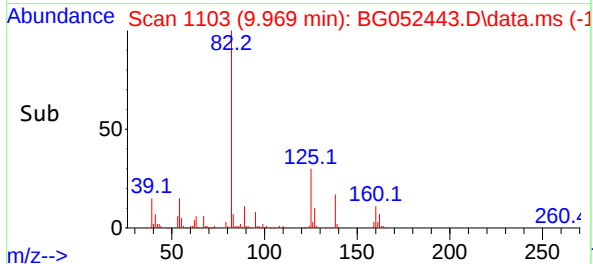
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



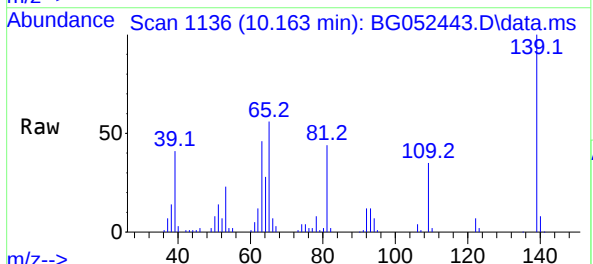
Tgt Ion: 82 Resp: 270324
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 17.2 12.5 18.7

Manual Integrations
APPROVED

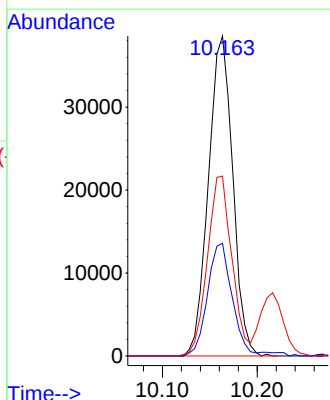
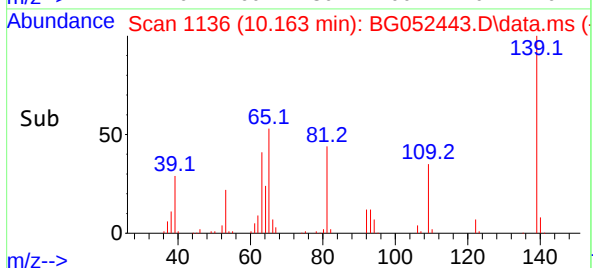
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

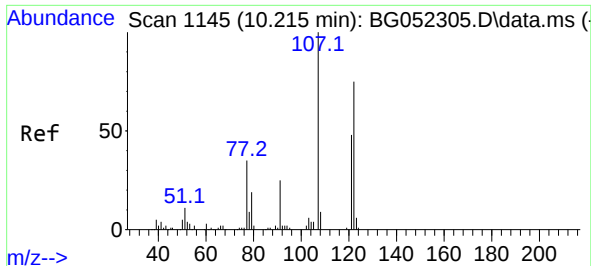


#26
2-Nitrophenol
Concen: 54.374 ng
RT: 10.163 min Scan# 1136
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:139 Resp: 68720
Ion Ratio Lower Upper
139 100
109 35.2 30.4 45.6
65 56.2 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 60.686 ng
RT: 10.216 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

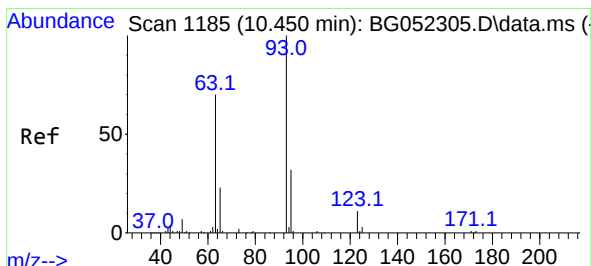
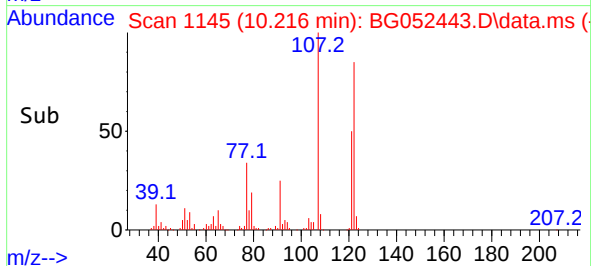
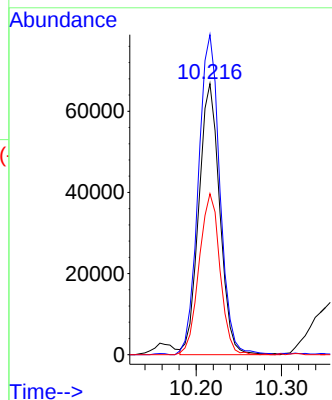
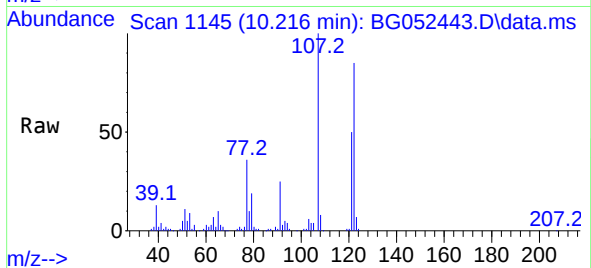
NAPL-SOCKMSD

Tgt Ion:122 Resp: 11355
Ion Ratio Lower Upper
122 100
107 118.1 105.8 158.8
121 59.4 48.6 72.8

Manual Integrations

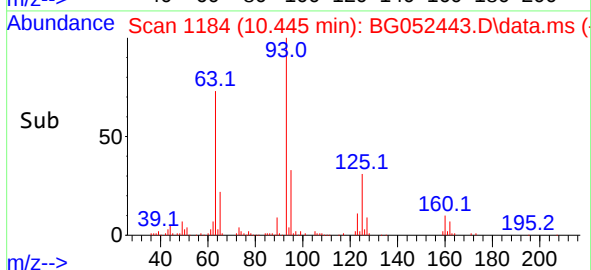
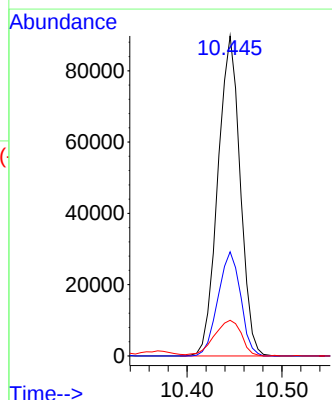
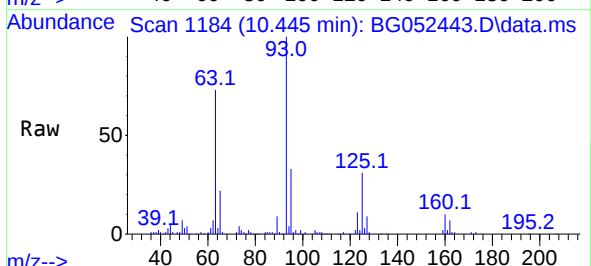
APPROVED

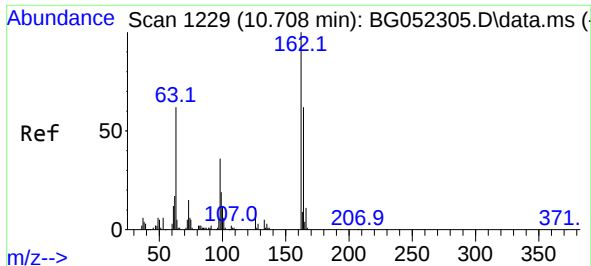
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.459 ng
RT: 10.445 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

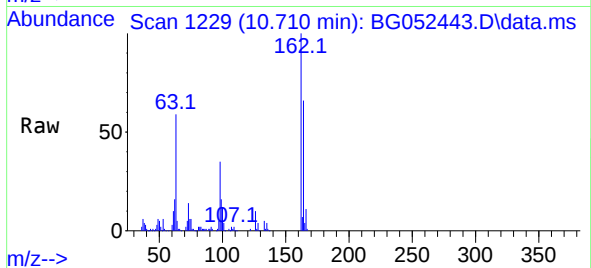
Tgt Ion: 93 Resp: 147091
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.1 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 54.502 ng
RT: 10.710 min Scan# 1229
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

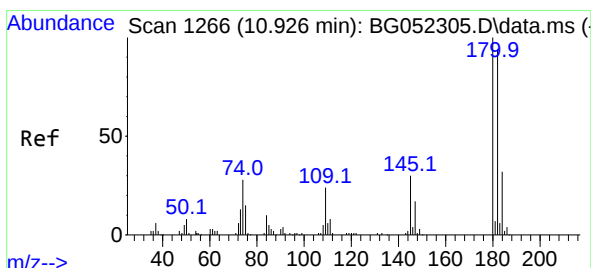
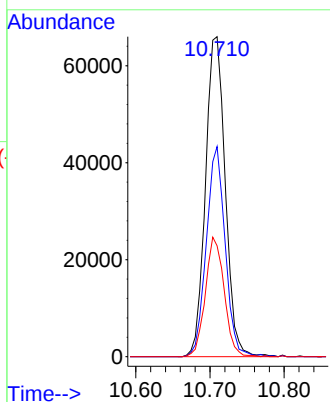
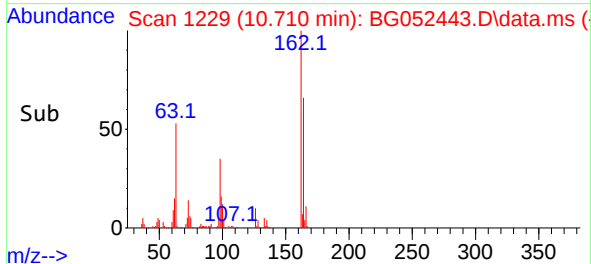
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



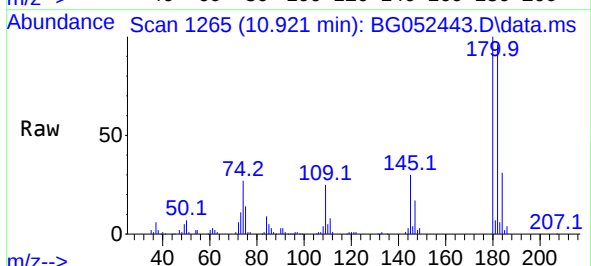
Tgt Ion:162 Resp: 122244
Ion Ratio Lower Upper
162 100
164 65.6 44.3 84.3
98 34.6 17.2 57.2

Manual Integrations
APPROVED

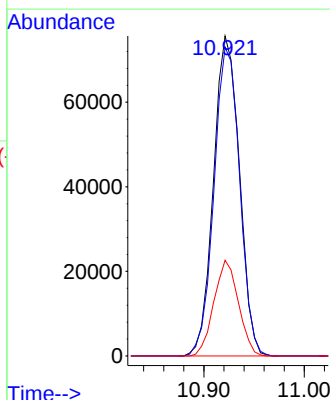
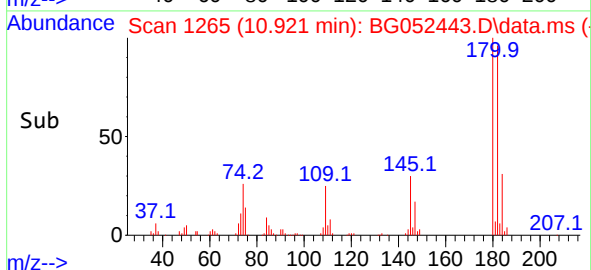
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

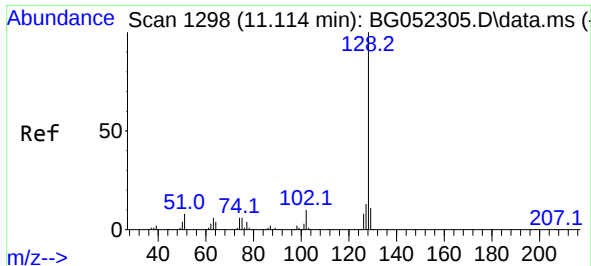


#30
1,2,4-Trichlorobenzene
Concen: 51.629 ng
RT: 10.921 min Scan# 1265
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:180 Resp: 135221
Ion Ratio Lower Upper
180 100
182 96.4 76.1 114.1
145 29.9 24.0 36.0





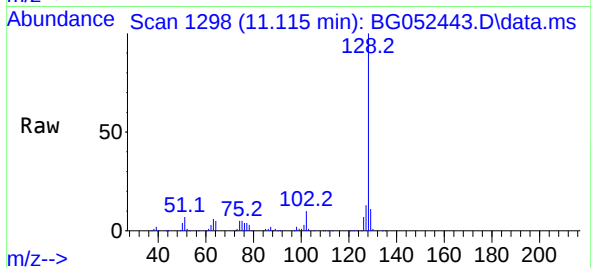
#31
Naphthalene
Concen: 55.173 ng
RT: 11.115 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

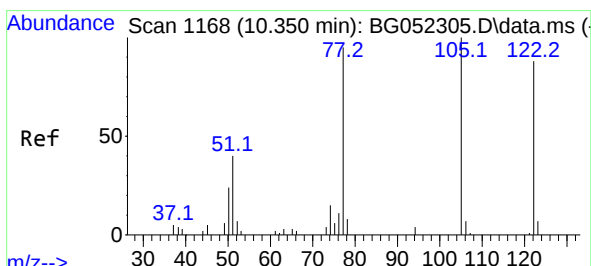
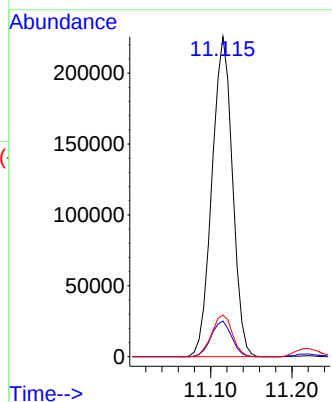
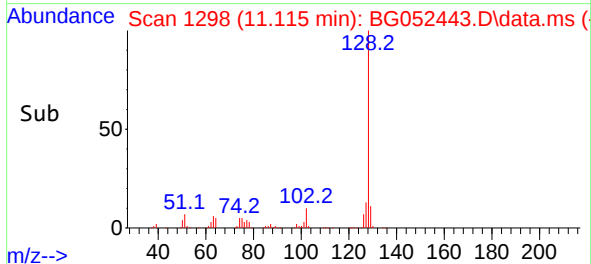


Tgt Ion:128 Resp: 39515
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 13.0 12.0 18.0

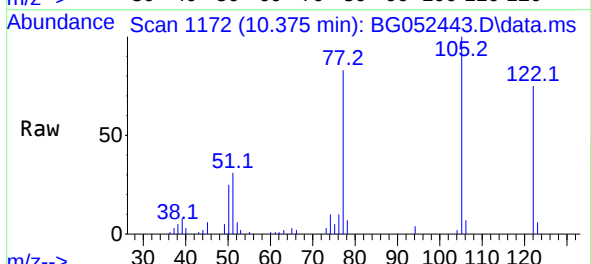
Manual Integrations

APPROVED

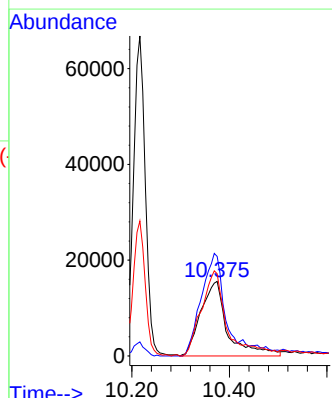
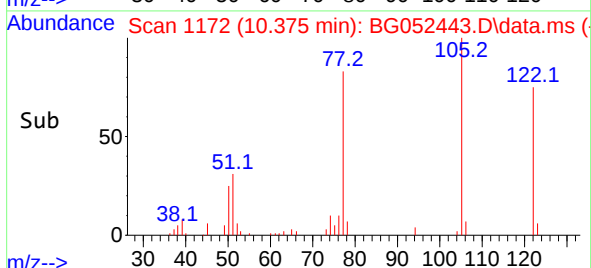
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

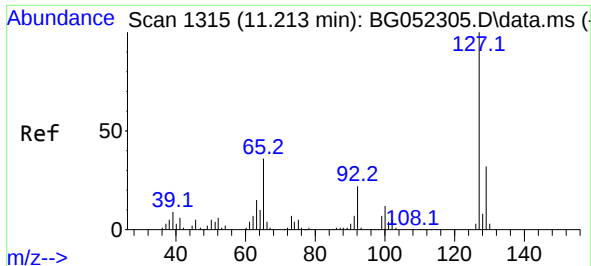


#32
Benzoic acid
Concen: 48.960 ng
RT: 10.375 min Scan# 1172
Delta R.T. 0.025 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:122 Resp: 59402
Ion Ratio Lower Upper
122 100
105 133.6 109.2 149.2
77 110.4 92.8 132.8





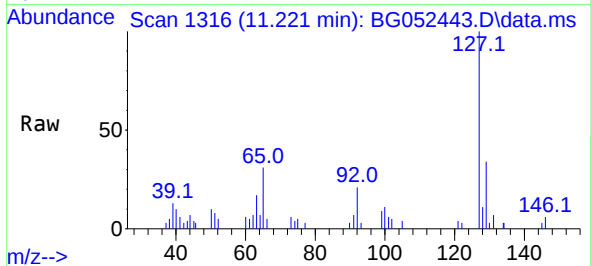
#33
4-Chloroaniline
Concen: 4.387 ng
RT: 11.221 min Scan# 1315
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

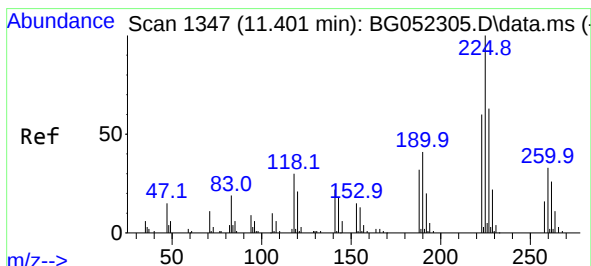
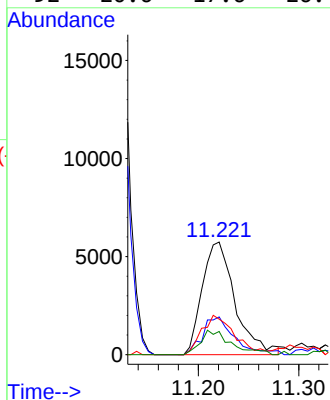
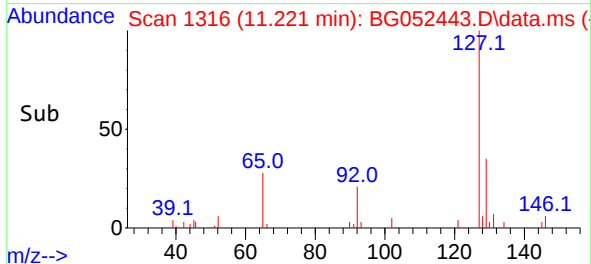


Tgt Ion:127 Resp: 13119
Ion Ratio Lower Upper
127 100
129 33.5 27.0 40.6
65 31.5 28.7 43.1
92 20.6 17.6 26.4

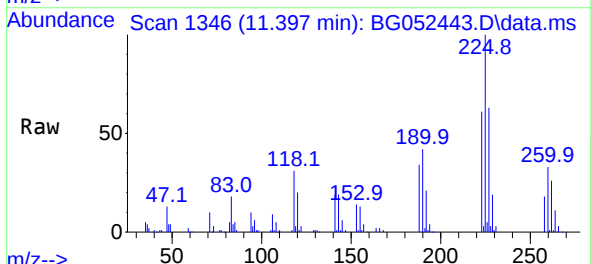
Manual Integrations

APPROVED

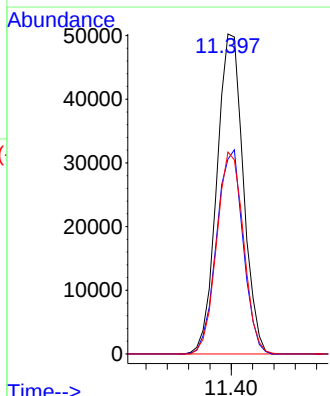
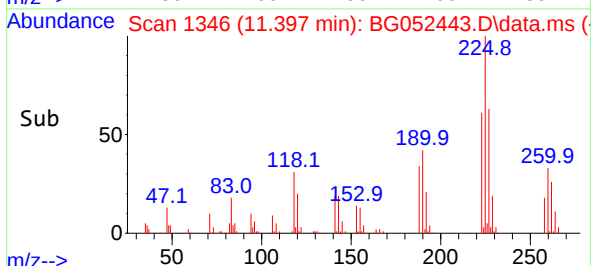
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

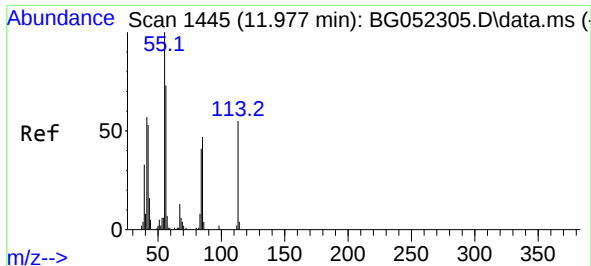


#34
Hexachlorobutadiene
Concen: 48.787 ng
RT: 11.397 min Scan# 1346
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



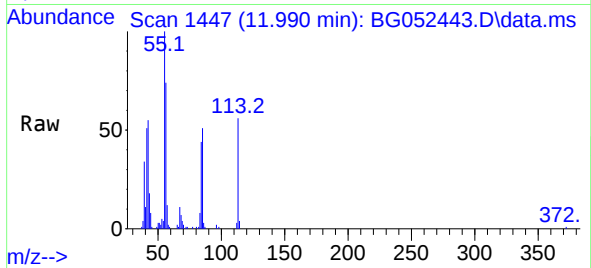
Tgt Ion:225 Resp: 86294
Ion Ratio Lower Upper
225 100
223 60.9 51.6 77.4
227 63.1 53.9 80.9





#35
Caprolactam
Concen: 42.198 ng m
RT: 11.990 min Scan# 1447
Delta R.T. 0.013 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

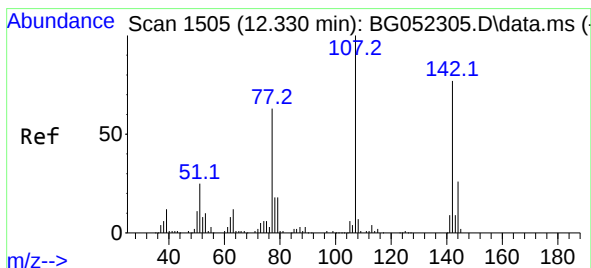
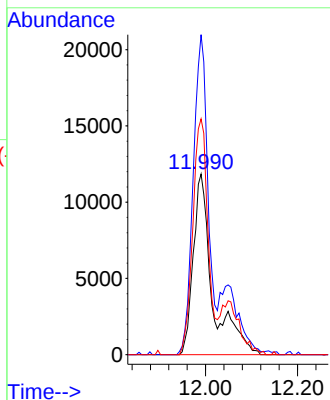
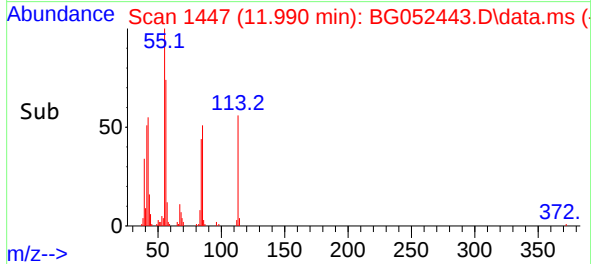
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



Tgt Ion:113 Resp: 3449
Ion Ratio Lower Upper
113 100
55 177.2 161.4 201.4
56 130.6 132.6 172.6

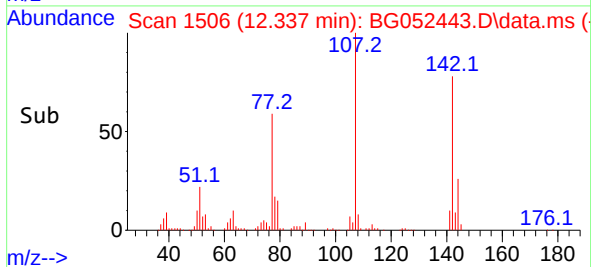
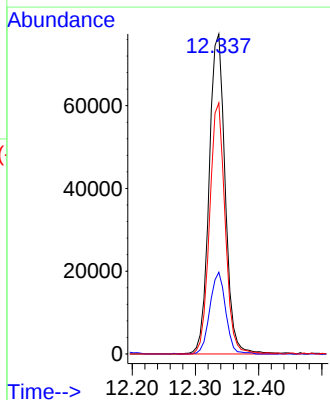
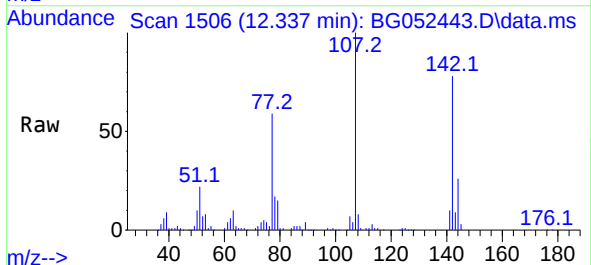
Manual Integrations
APPROVED

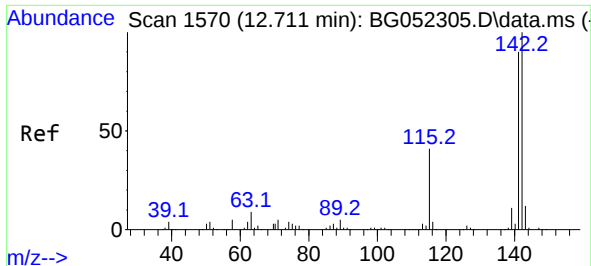
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#36
4-Chloro-3-methylphenol
Concen: 53.480 ng
RT: 12.337 min Scan# 1506
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:107 Resp: 136464
Ion Ratio Lower Upper
107 100
144 25.6 19.3 28.9
142 78.5 63.9 95.9





#37

2-Methylnaphthalene

Concen: 52.689 ng

RT: 12.707 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG052443.D

Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

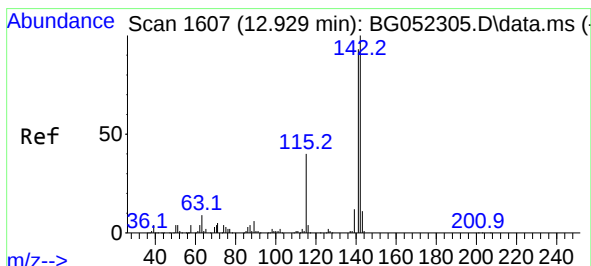
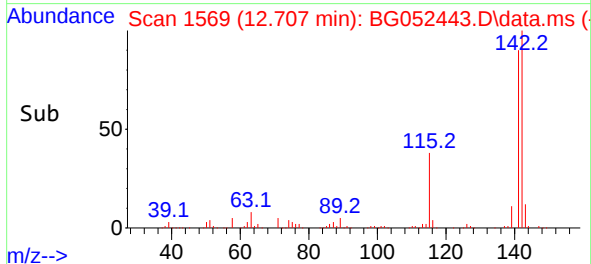
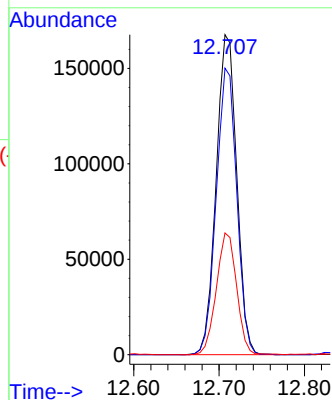
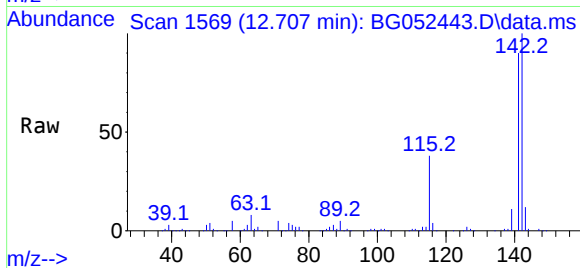
Tgt Ion:142 Resp: 28028

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	38.1	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: 51.062 ng

RT: 12.930 min Scan# 1607

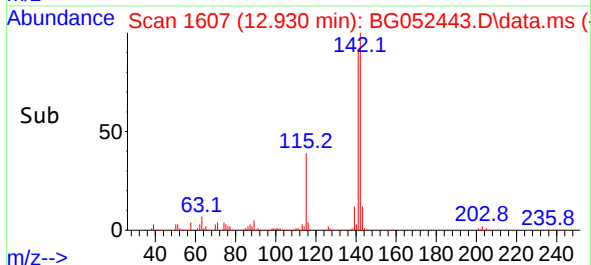
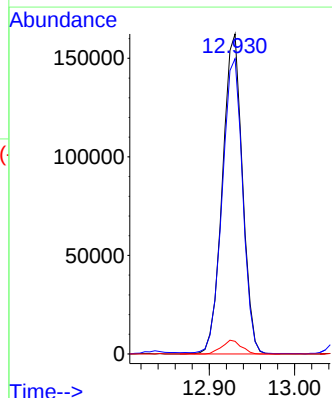
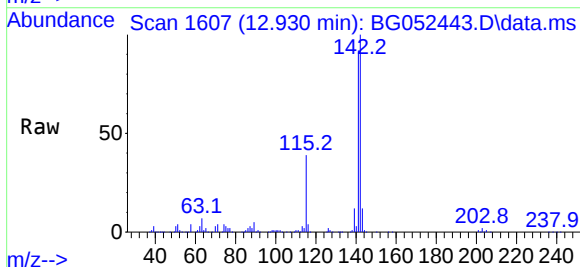
Delta R.T. 0.001 min

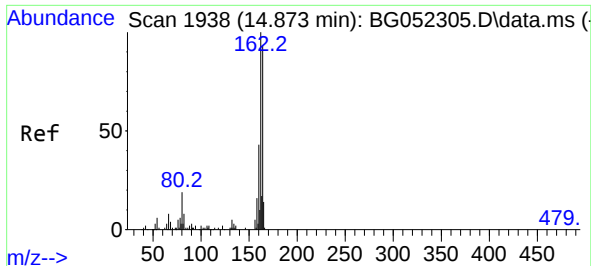
Lab File: BG052443.D

Acq: 21 Feb 2022 18:45

Tgt Ion:142 Resp: 263207

Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.0	112.4
116	3.9	4.2	6.4





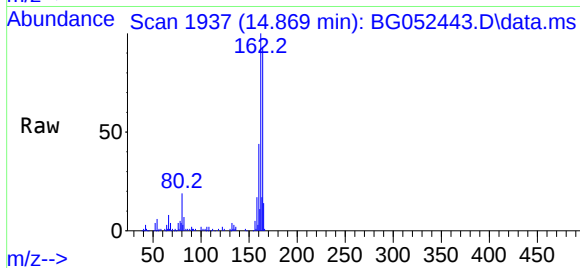
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

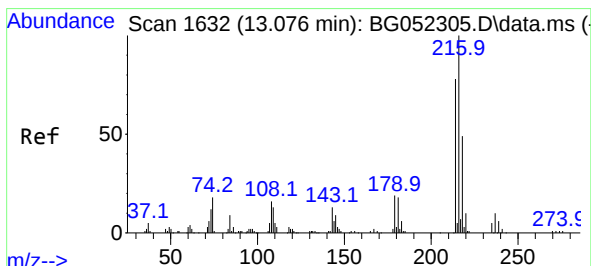
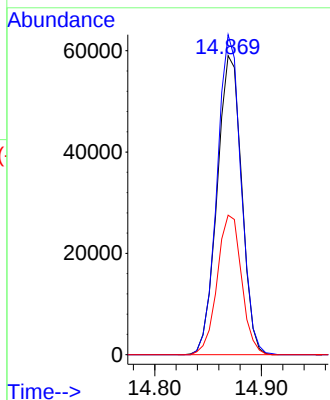
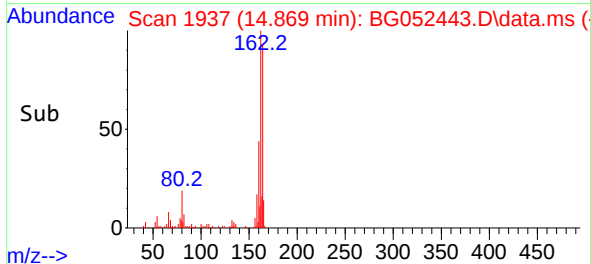


Tgt Ion:164 Resp: 94220
Ion Ratio Lower Upper
164 100
162 107.0 82.2 123.2
160 46.6 36.2 54.2

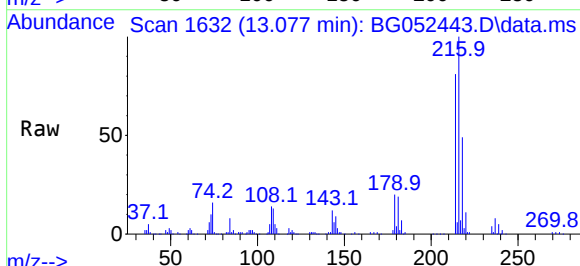
Manual Integrations

APPROVED

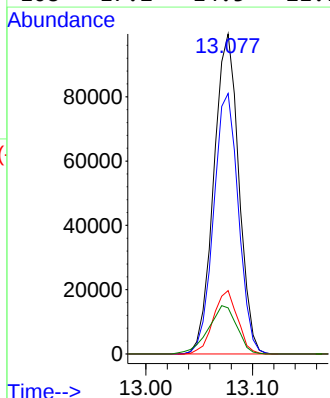
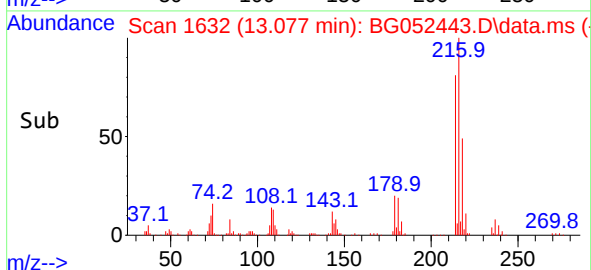
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

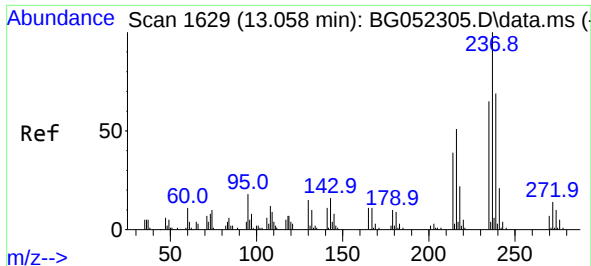


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.228 ng
RT: 13.077 min Scan# 1632
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:216 Resp: 161868
Ion Ratio Lower Upper
216 100
214 80.7 63.2 94.8
179 19.3 16.3 24.5
108 17.2 14.5 21.7





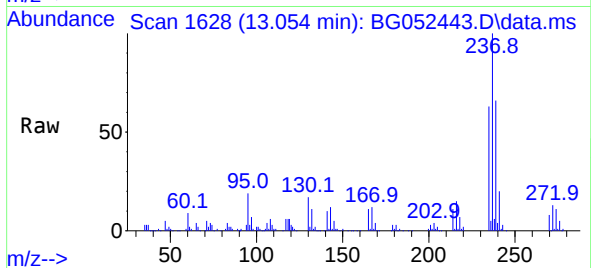
#41
Hexachlorocyclopentadiene
Concen: 91.286 ng
RT: 13.054 min Scan# 1629
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

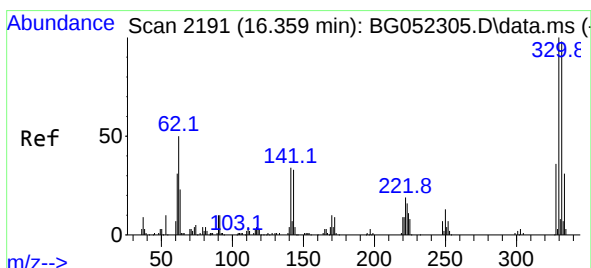
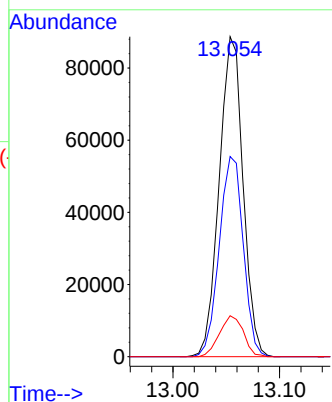
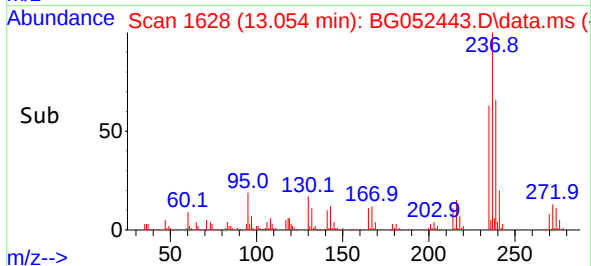


Tgt Ion:237 Resp: 137463
Ion Ratio Lower Upper
237 100
235 62.6 45.9 85.9
272 12.8 0.0 33.0

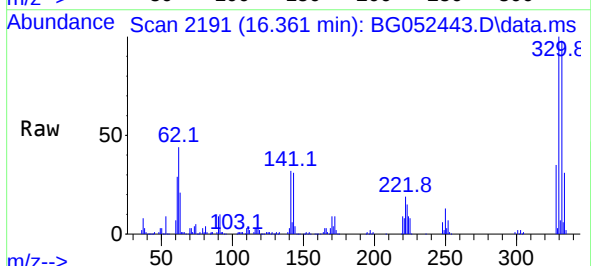
Manual Integrations

APPROVED

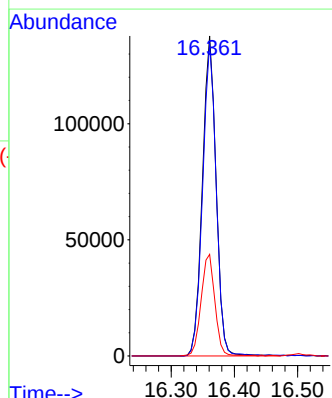
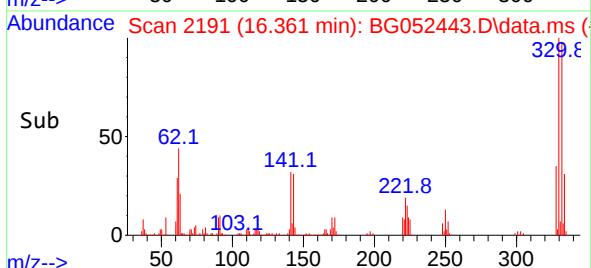
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

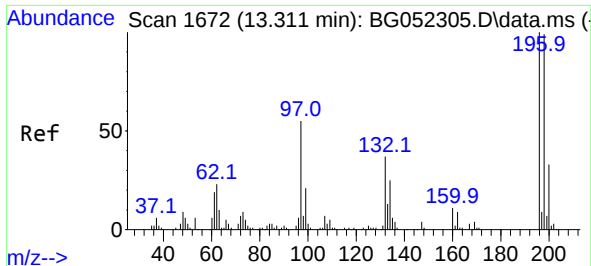


#42
2,4,6-Tribromophenol
Concen: 153.053 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:330 Resp: 207189
Ion Ratio Lower Upper
330 100
332 96.7 78.6 117.8
141 32.0 28.8 43.2





#43
2,4,6-Trichlorophenol
Concen: 53.419 ng
RT: 13.312 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

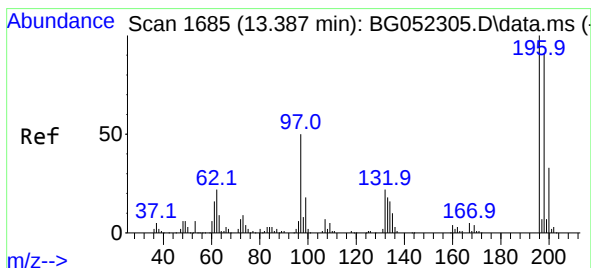
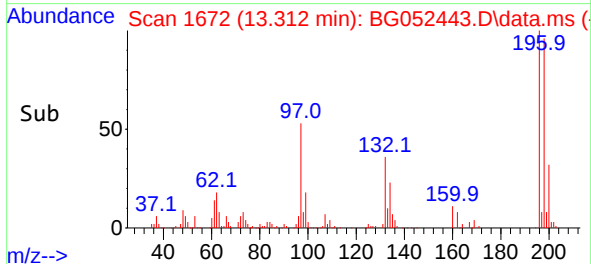
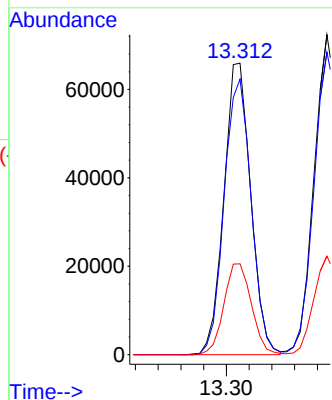
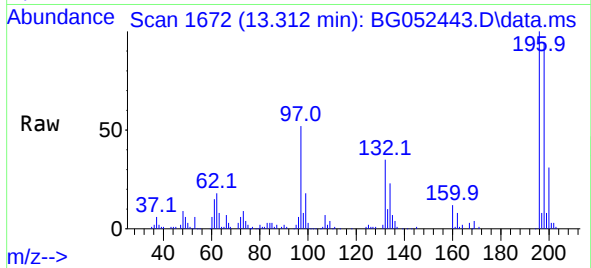
NAPL-SOCKMSD

Tgt Ion:196 Resp: 10827
Ion Ratio Lower Upper
196 100
198 94.5 78.4 117.6
200 31.2 28.5 42.7

Manual Integrations

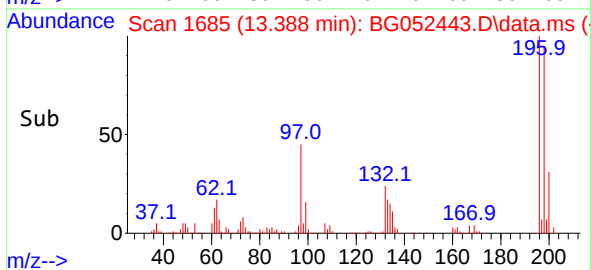
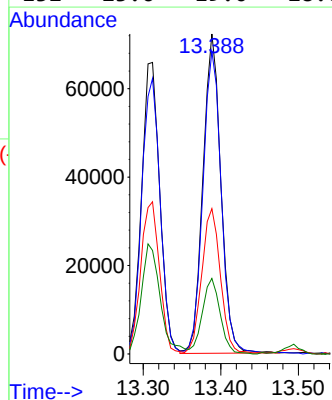
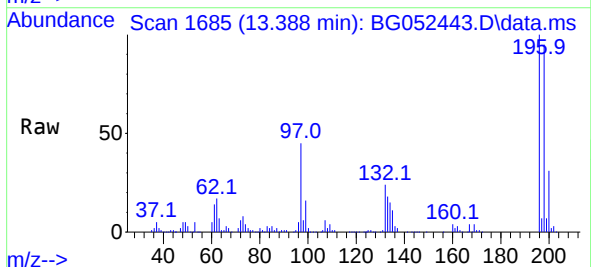
APPROVED

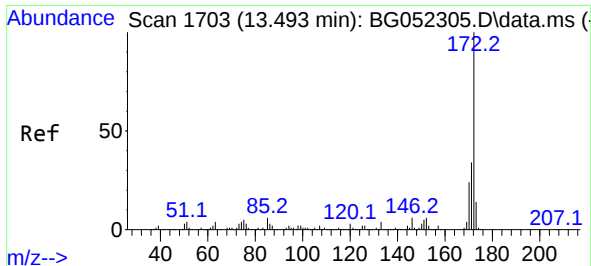
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#44
2,4,5-Trichlorophenol
Concen: 52.958 ng
RT: 13.388 min Scan# 1685
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:196 Resp: 116328
Ion Ratio Lower Upper
196 100
198 94.5 78.6 118.0
97 45.4 43.8 65.8
132 23.6 19.0 28.6





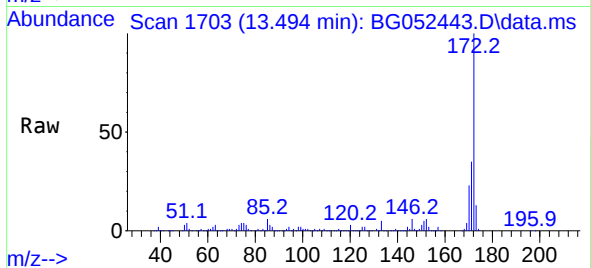
#45
2-Fluorobiphenyl
Concen: 99.528 ng
RT: 13.494 min Scan# 1703
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

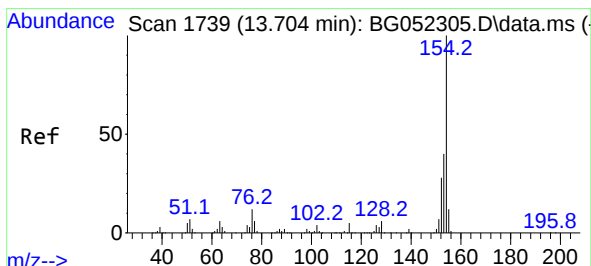
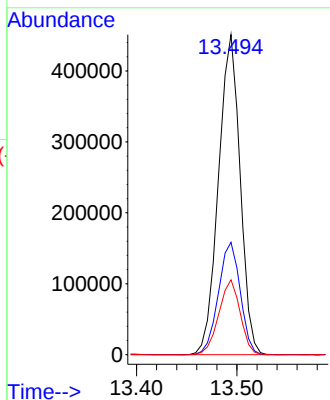
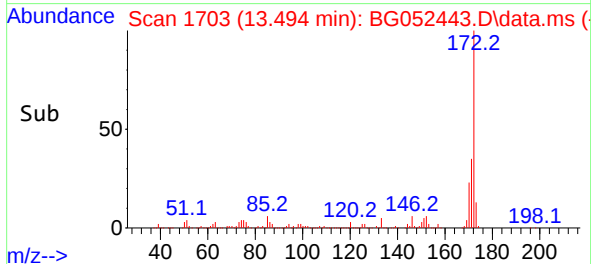


Tgt Ion:172 Resp: 674915
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 18.3 27.5

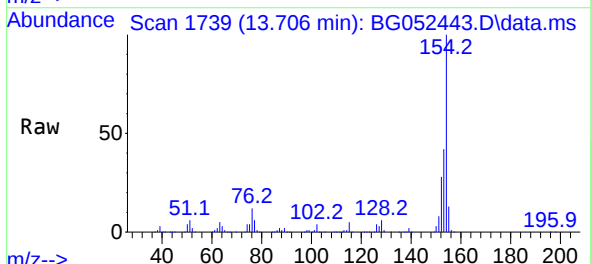
Manual Integrations

APPROVED

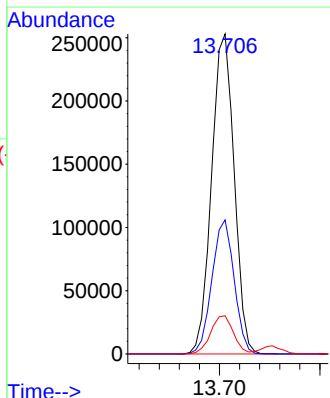
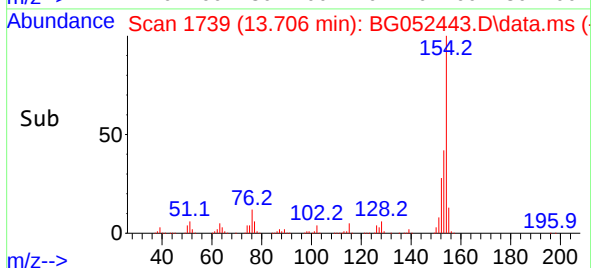
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

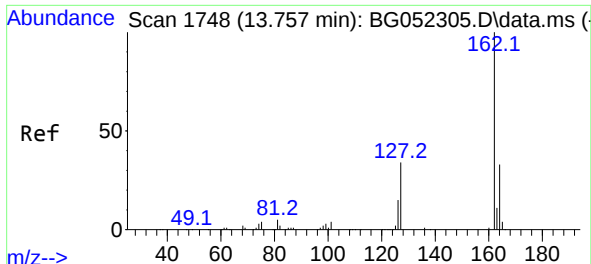


#46
1,1'-Biphenyl
Concen: 57.100 ng
RT: 13.706 min Scan# 1739
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:154 Resp: 394525
Ion Ratio Lower Upper
154 100
153 41.9 21.1 61.1
76 11.9 0.0 32.6





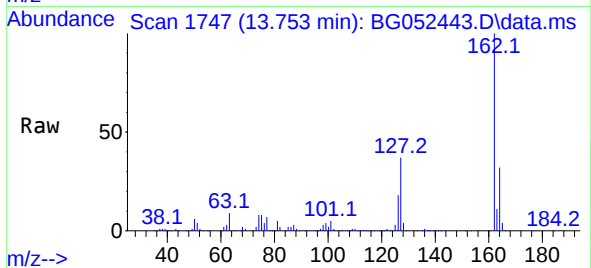
#47
2-Chloronaphthalene
Concen: 52.838 ng
RT: 13.753 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

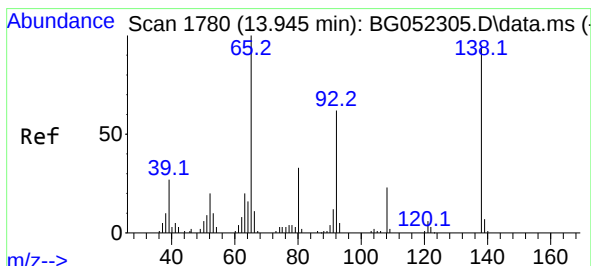
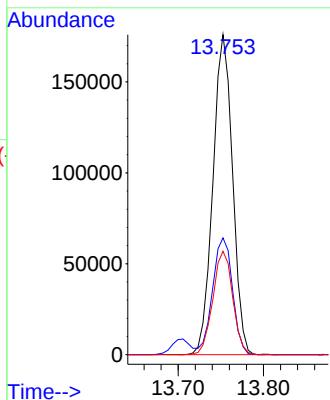
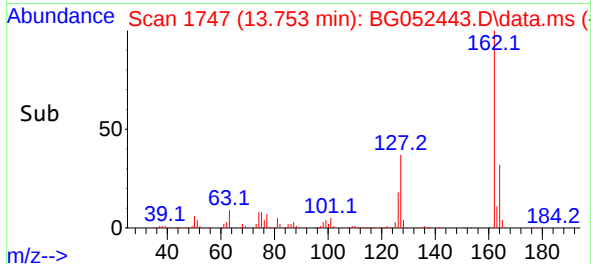


Tgt Ion:162 Resp: 281260
Ion Ratio Lower Upper
162 100
127 36.5 30.4 45.6
164 32.3 25.0 37.4

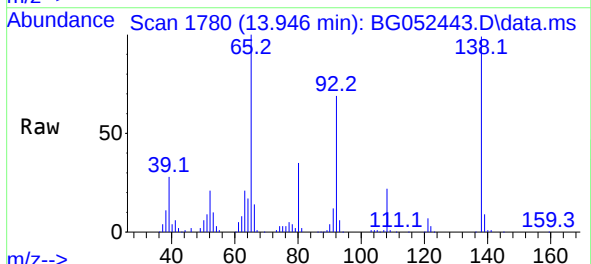
Manual Integrations

APPROVED

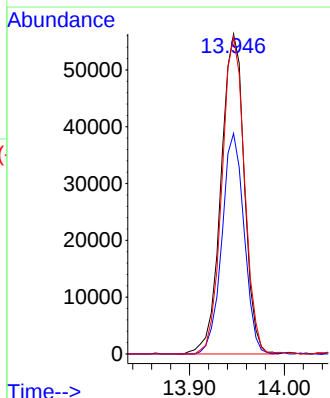
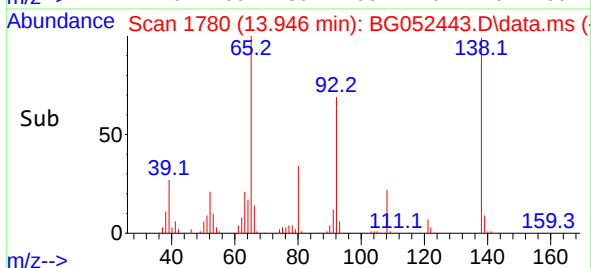
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

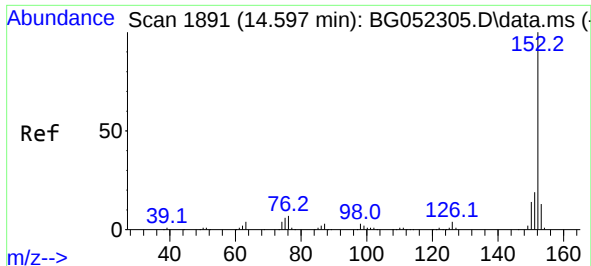


#48
2-Nitroaniline
Concen: 50.488 ng
RT: 13.946 min Scan# 1780
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion: 65 Resp: 95683
Ion Ratio Lower Upper
65 100
92 68.9 51.0 76.6
138 99.1 72.4 108.6





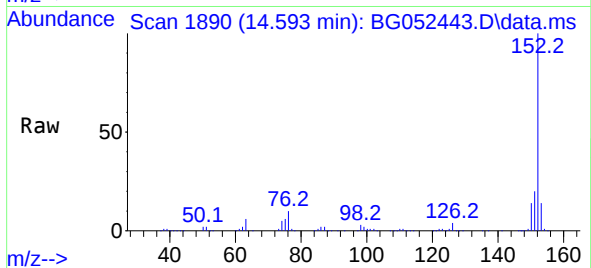
#49
Acenaphthylene
Concen: 53.605 ng
RT: 14.593 min Scan# 1890
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

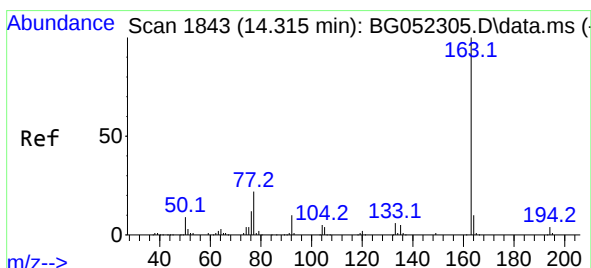
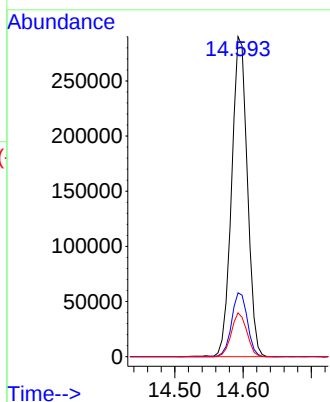
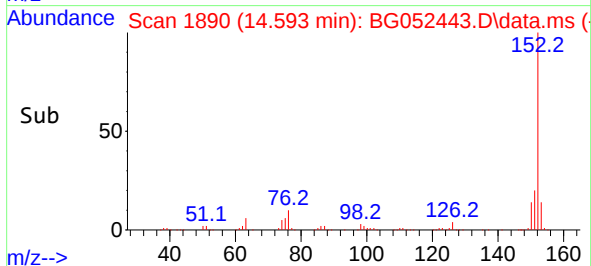


Tgt Ion:152 Resp: 46450
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.7 10.8 16.2

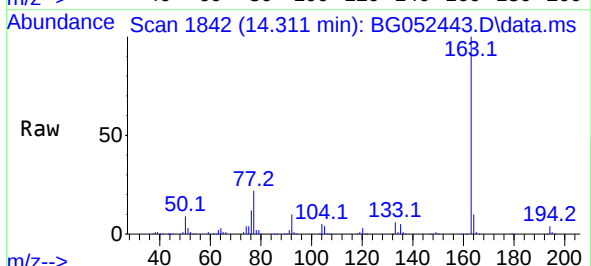
Manual Integrations

APPROVED

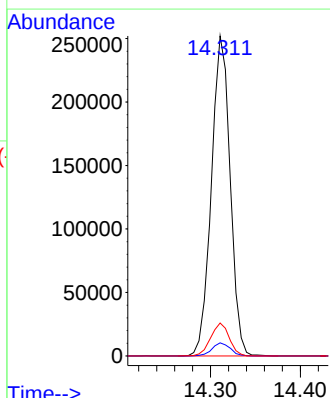
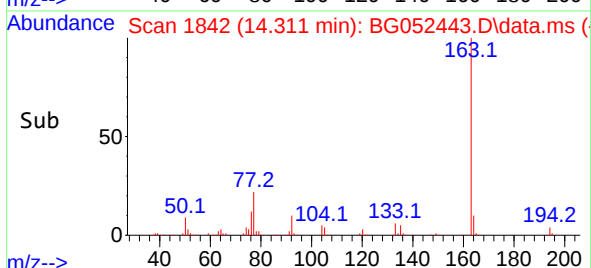
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

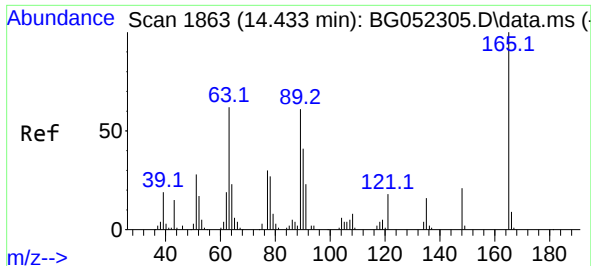


#50
Dimethylphthalate
Concen: 50.682 ng
RT: 14.311 min Scan# 1842
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:163 Resp: 365833
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.4 12.6





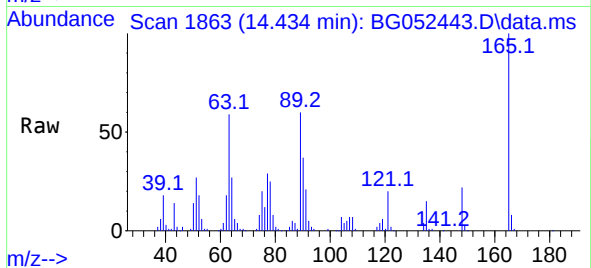
#51
2,6-Dinitrotoluene
Concen: 53.470 ng
RT: 14.434 min Scan# 1863
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

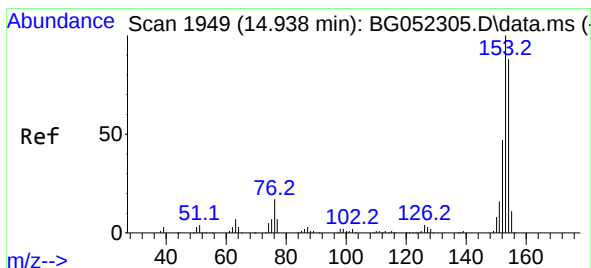
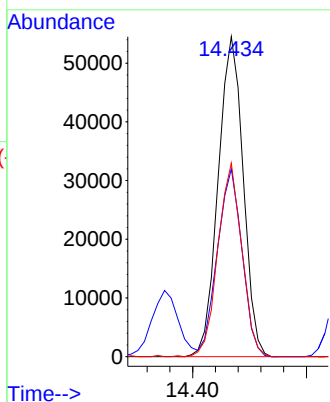
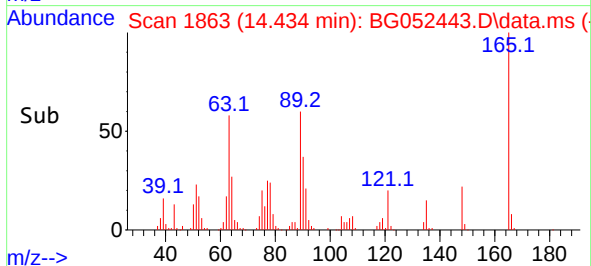


Tgt Ion:165 Resp: 8328
Ion Ratio Lower Upper
165 100
63 58.7 59.0 88.4
89 60.5 49.4 74.0

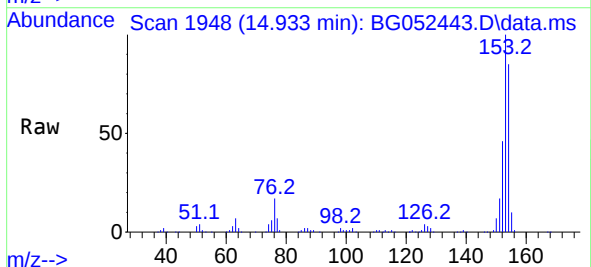
Manual Integrations

APPROVED

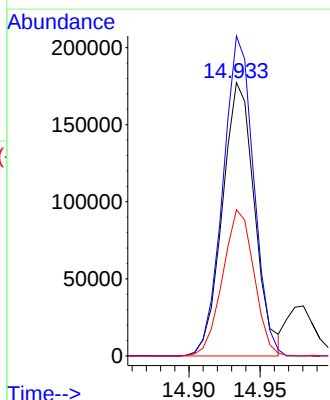
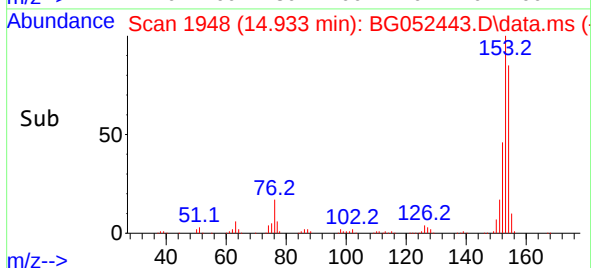
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

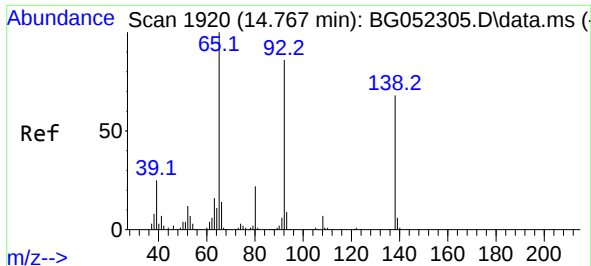


#52
Acenaphthene
Concen: 49.091 ng
RT: 14.933 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:154 Resp: 278597
Ion Ratio Lower Upper
154 100
153 117.0 91.9 137.9
152 53.5 43.4 65.2





#53
3-Nitroaniline
Concen: 17.644 ng
RT: 14.763 min Scan# 1920
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

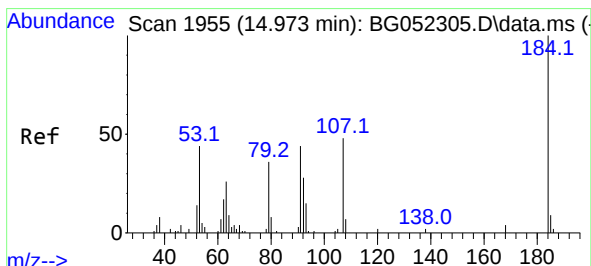
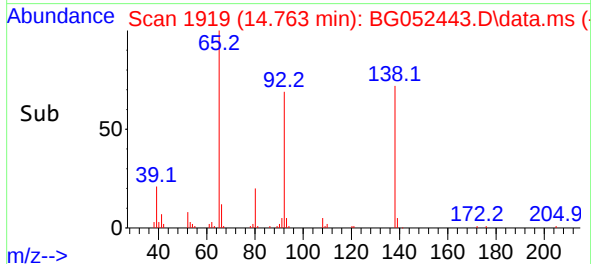
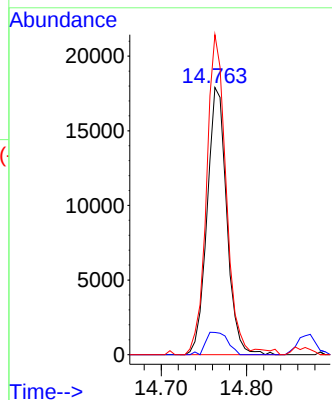
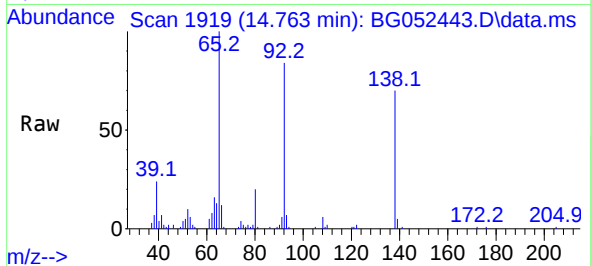
NAPL-SOCKMSD

Tgt Ion:138 Resp: 2856
Ion Ratio Lower Upper
138 100
108 8.3 7.8 11.8
92 119.7 100.4 150.6

Manual Integrations

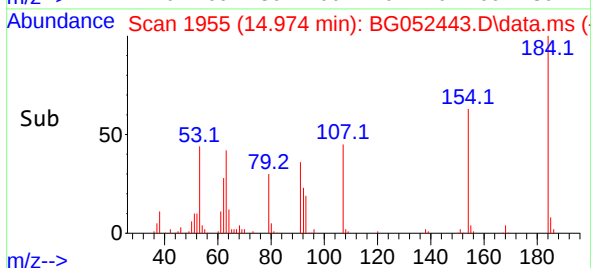
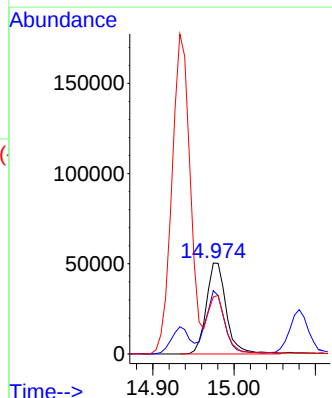
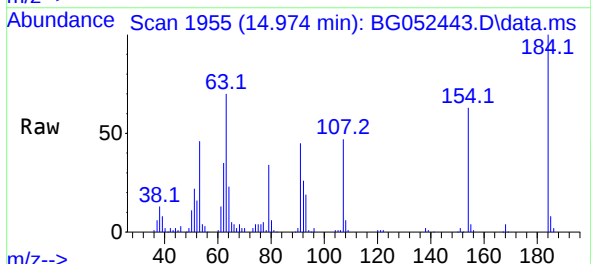
APPROVED

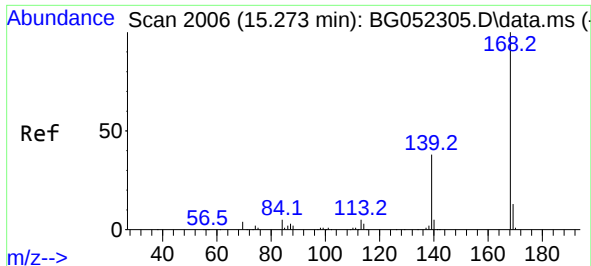
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#54
2,4-Dinitrophenol
Concen: 88.470 ng
RT: 14.974 min Scan# 1955
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:184 Resp: 85872
Ion Ratio Lower Upper
184 100
63 69.8 56.0 84.0
154 62.8 50.2 75.2





#55
Dibenzofuran
Concen: 50.033 ng
RT: 15.268 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

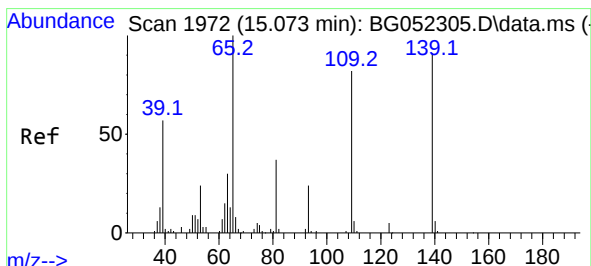
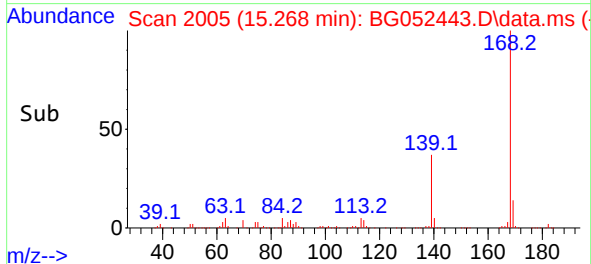
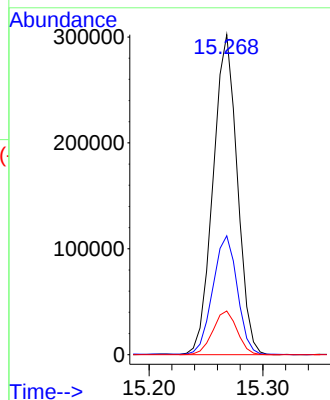
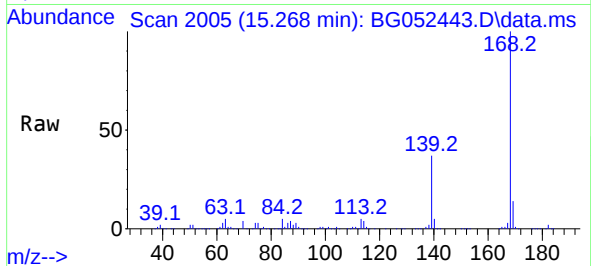
NAPL-SOCKMSD

Tgt Ion:168 Resp: 44653
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 13.7 10.9 16.3

Manual Integrations

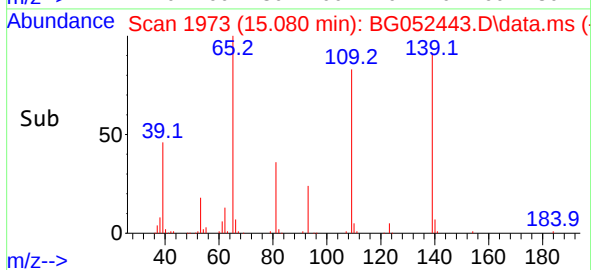
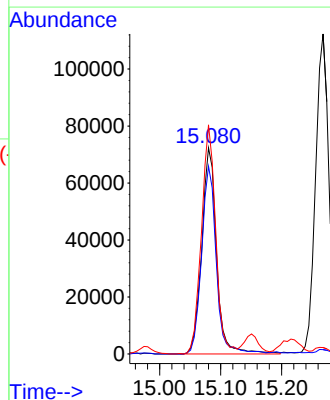
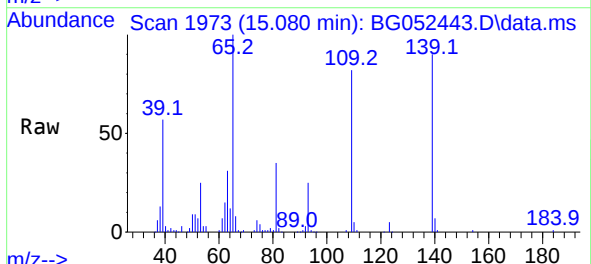
APPROVED

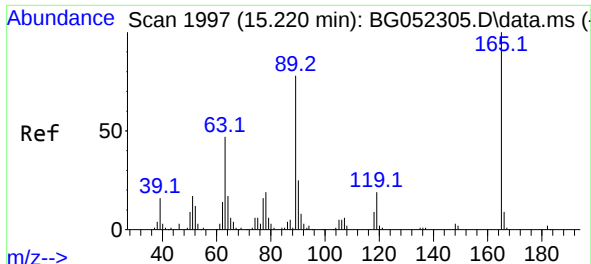
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#56
4-Nitrophenol
Concen: 100.808 ng
RT: 15.080 min Scan# 1973
Delta R.T. 0.007 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:139 Resp: 122571
Ion Ratio Lower Upper
139 100
109 91.1 84.9 124.9
65 111.1 109.9 149.9





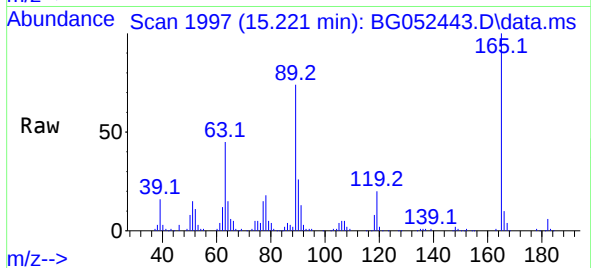
#57
2,4-Dinitrotoluene
Concen: 54.297 ng
RT: 15.221 min Scan# 1997
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

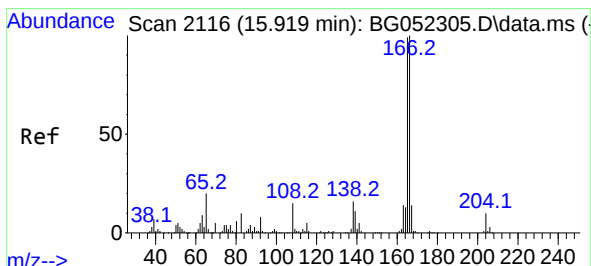
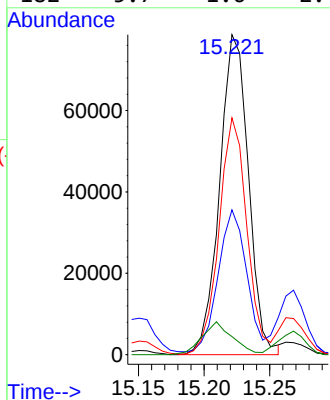
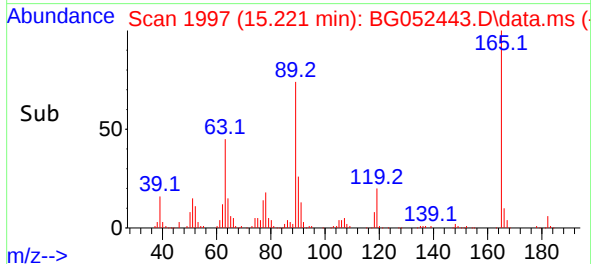


Tgt Ion:165 Resp: 120379
Ion Ratio Lower Upper
165 100
63 45.2 44.6 66.8
89 74.0 67.4 101.0
182 5.7 1.6 2.4#

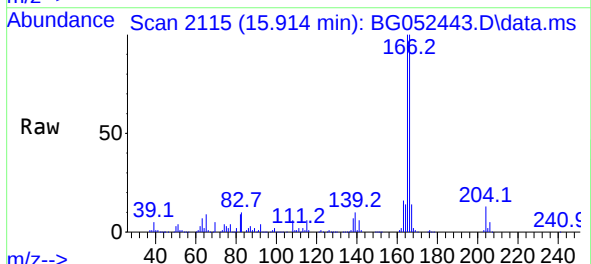
Manual Integrations

APPROVED

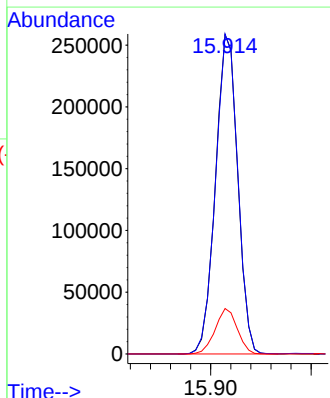
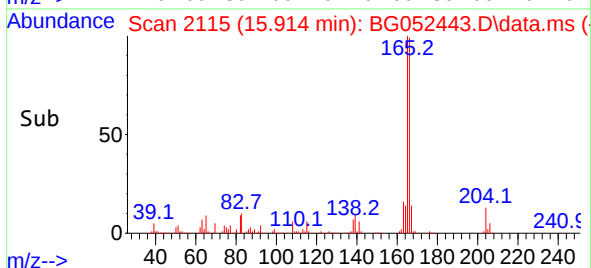
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

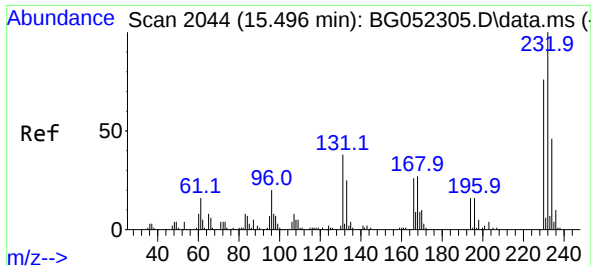


#58
Fluorene
Concen: 55.738 ng
RT: 15.914 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:166 Resp: 397120
Ion Ratio Lower Upper
166 100
165 100.2 80.0 120.0
167 14.2 11.1 16.7





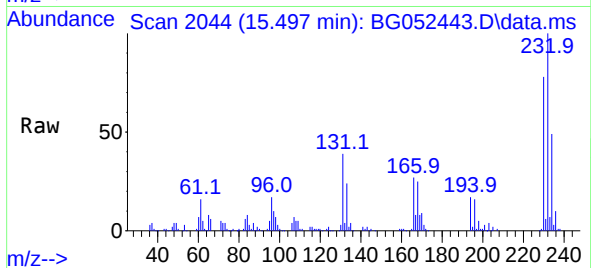
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.482 ng
RT: 15.497 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

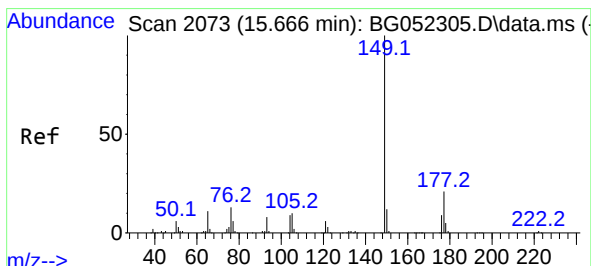
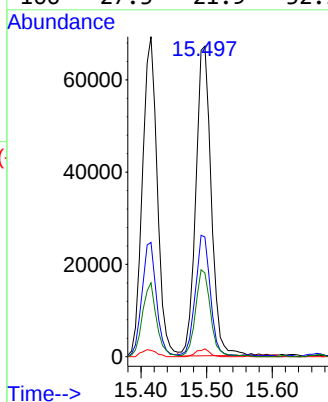
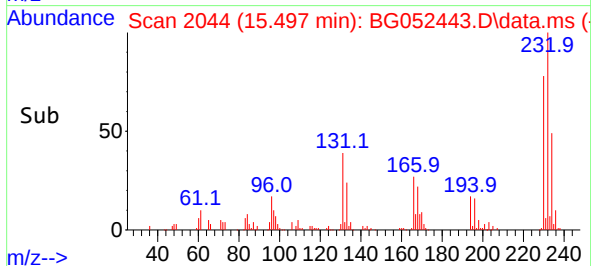


Tgt Ion:232 Resp: 110129
Ion Ratio Lower Upper
232 100
131 37.3 32.2 48.4
130 2.1 2.2 3.4
166 27.3 21.9 32.9

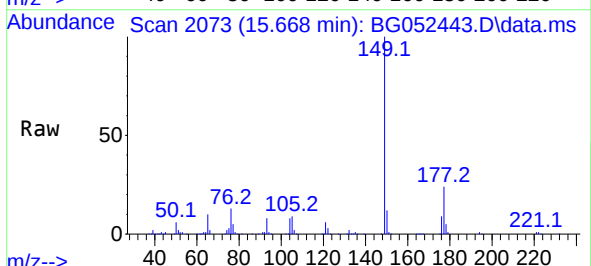
Manual Integrations

APPROVED

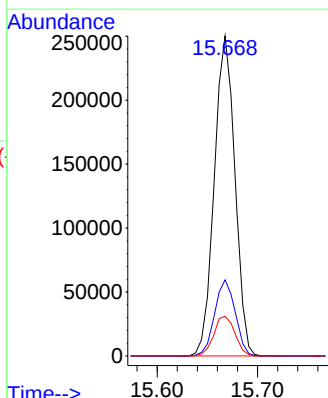
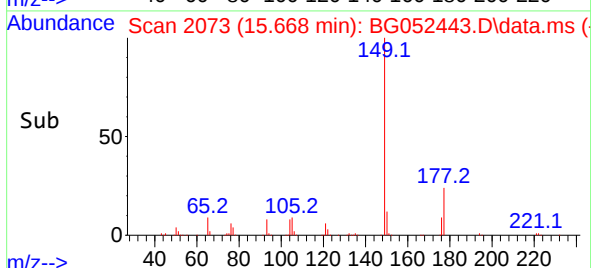
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

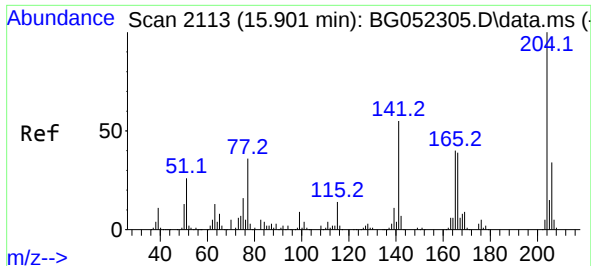


#60
Diethylphthalate
Concen: 48.947 ng
RT: 15.668 min Scan# 2073
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:149 Resp: 356905
Ion Ratio Lower Upper
149 100
177 23.8 17.8 26.6
150 12.4 9.2 13.8





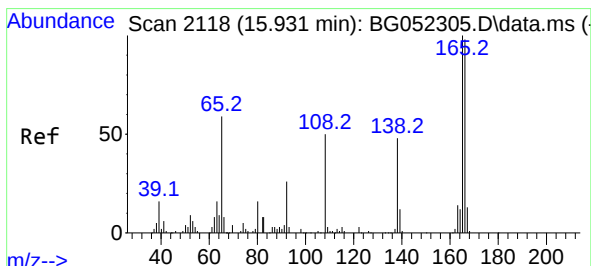
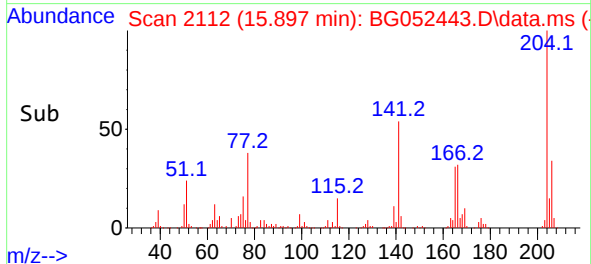
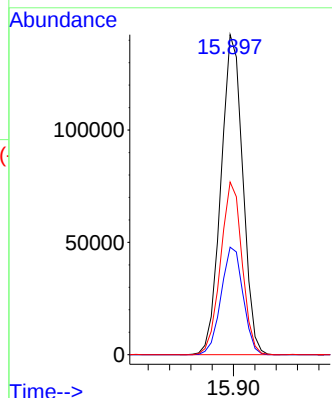
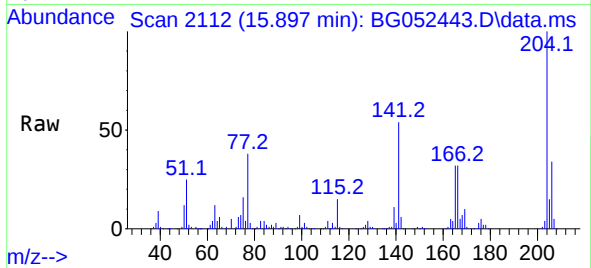
#61
4-Chlorophenyl-phenylether
Concen: 49.720 ng
RT: 15.897 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD

Tgt Ion:204 Resp: 201789
Ion Ratio Lower Upper
204 100
206 33.6 28.4 42.6
141 54.0 41.8 62.6

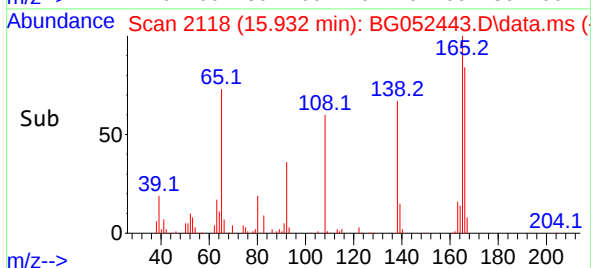
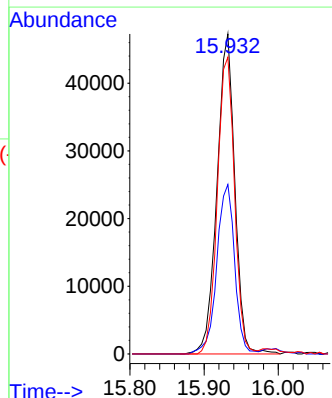
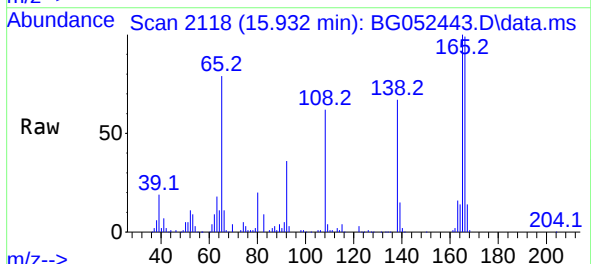
Manual Integrations
APPROVED

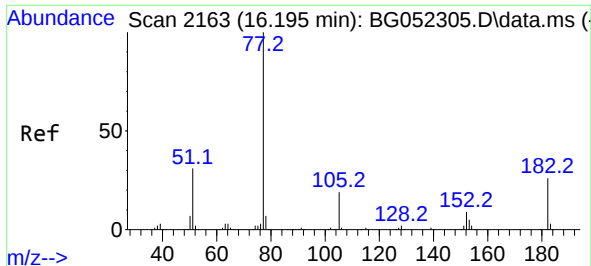
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#62
4-Nitroaniline
Concen: 46.233 ng
RT: 15.932 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:138 Resp: 78803
Ion Ratio Lower Upper
138 100
92 53.0 35.5 75.5
108 92.7 96.4 136.4#





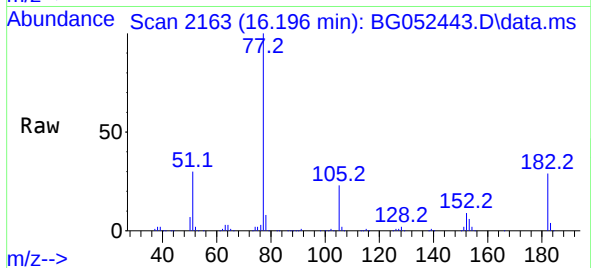
#63
Azobenzene
Concen: 68.076 ng
RT: 16.196 min Scan# 2163
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

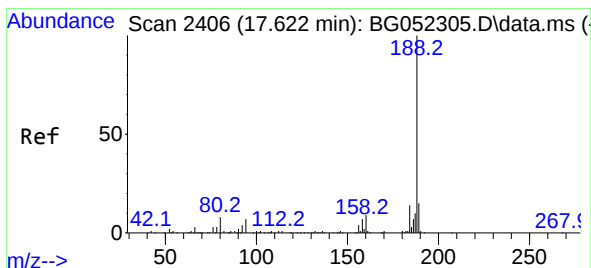
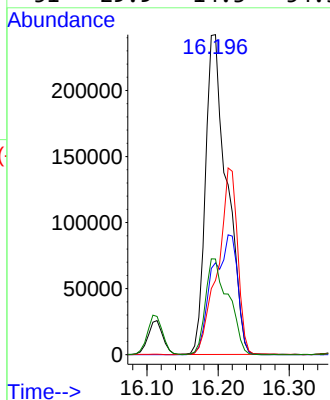
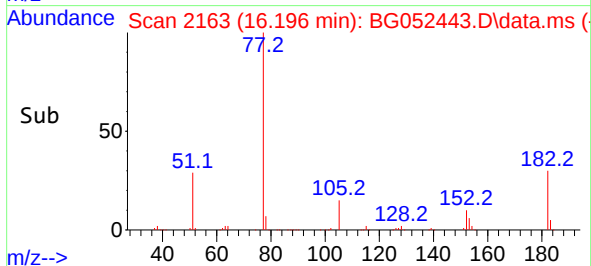


Tgt Ion: 77 Resp: 50816
Ion Ratio Lower Upper
77 100
182 28.7 4.1 44.1
105 23.2 0.0 37.5
51 29.9 14.3 54.3

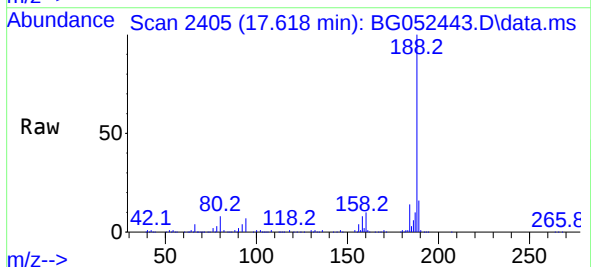
Manual Integrations

APPROVED

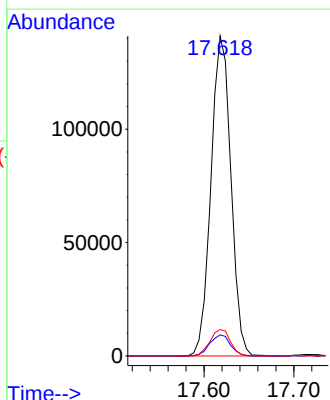
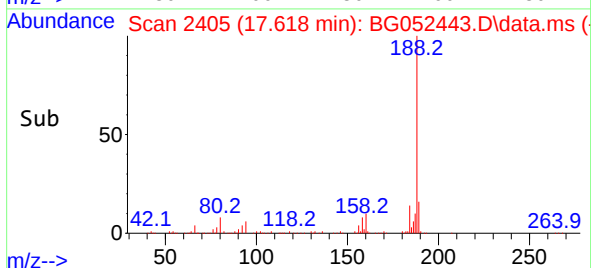
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

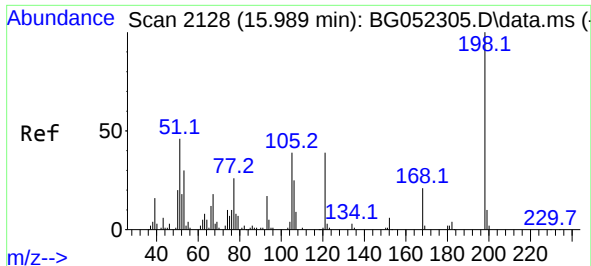


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:188 Resp: 217233
Ion Ratio Lower Upper
188 100
94 6.6 5.9 8.9
80 8.2 6.6 10.0





#65
4,6-Dinitro-2-methylphenol
Concen: 48.457 ng
RT: 15.991 min Scan# 2128
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

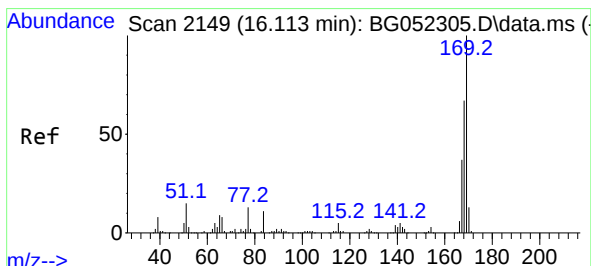
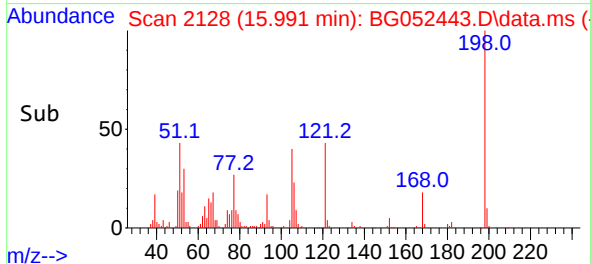
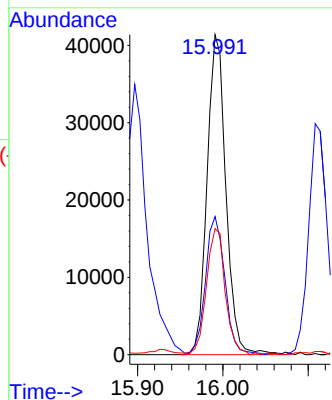
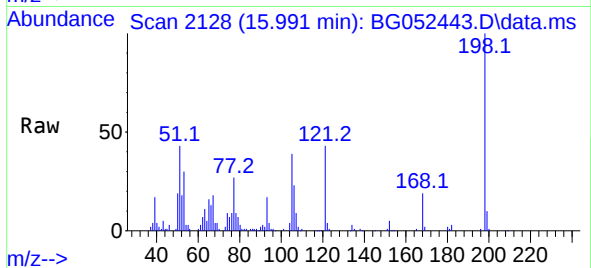
NAPL-SOCKMSD

Tgt Ion:198 Resp: 6332
Ion Ratio Lower Upper
198 100
51 43.2 31.6 71.6
105 39.4 22.3 62.3

Manual Integrations

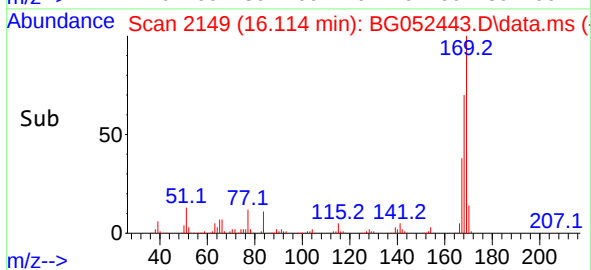
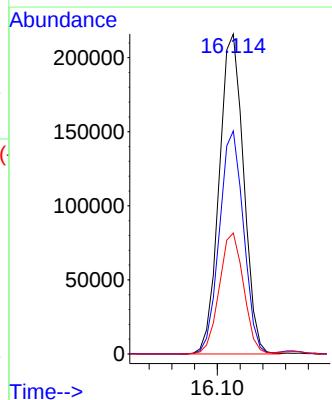
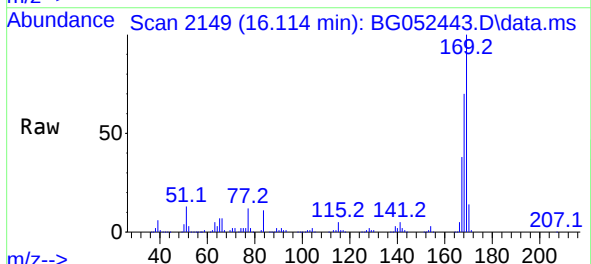
APPROVED

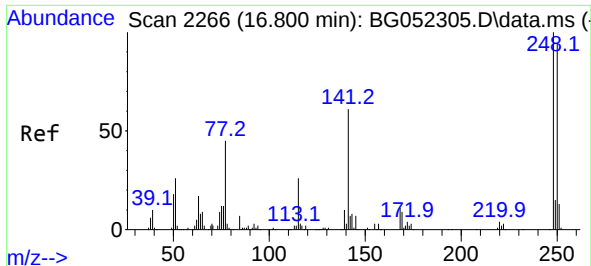
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#66
n-Nitrosodiphenylamine
Concen: 53.788 ng
RT: 16.114 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:169 Resp: 321937
Ion Ratio Lower Upper
169 100
168 69.7 57.4 86.0
167 37.8 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 51.137 ng
RT: 16.796 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

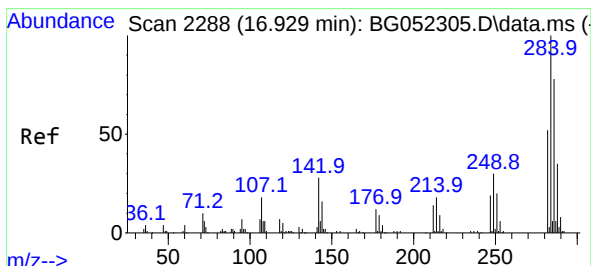
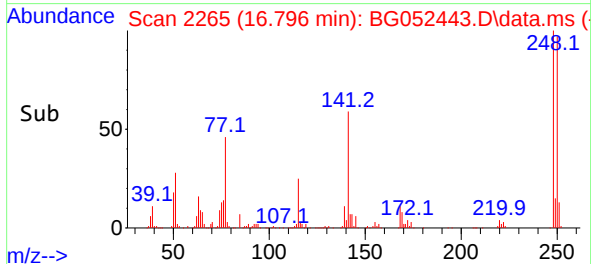
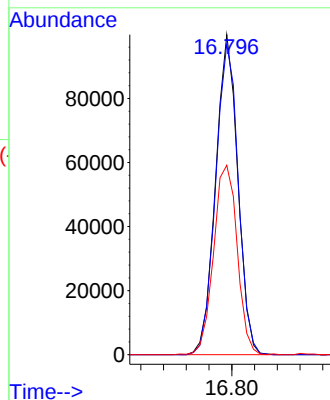
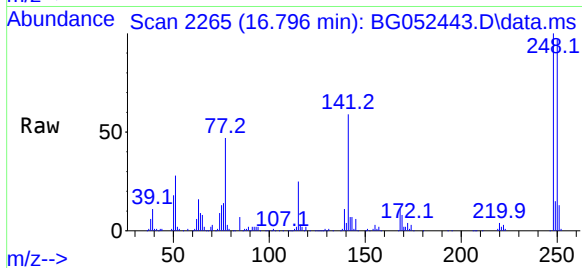
NAPL-SOCKMSD

Tgt Ion:248 Resp: 135094
Ion Ratio Lower Upper
248 100
250 97.1 79.6 119.4
141 59.2 54.6 81.8

Manual Integrations

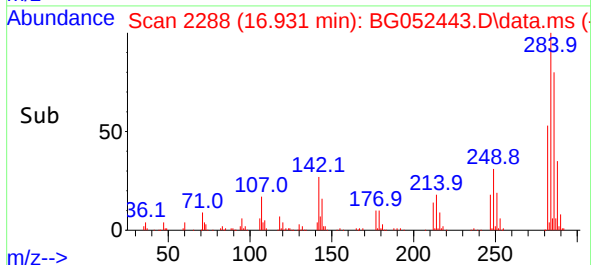
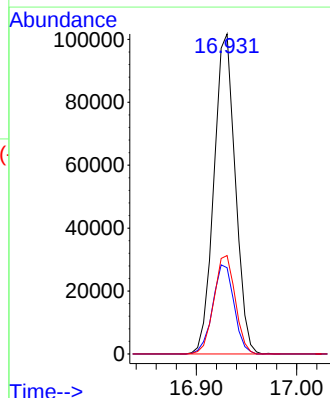
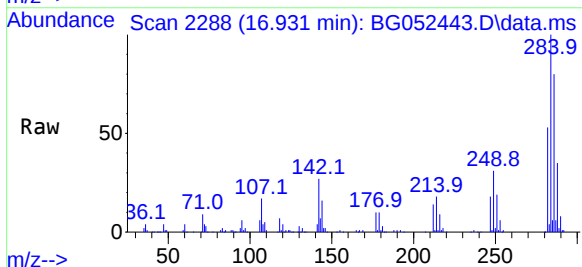
APPROVED

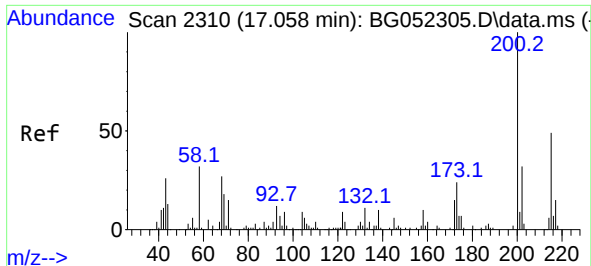
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#68
Hexachlorobenzene
Concen: 52.382 ng
RT: 16.931 min Scan# 2288
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:284 Resp: 150088
Ion Ratio Lower Upper
284 100
142 27.0 26.2 39.2
249 30.8 26.9 40.3





#69
Atrazine
Concen: 53.520 ng
RT: 17.054 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

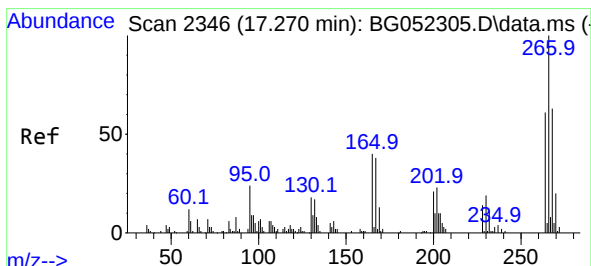
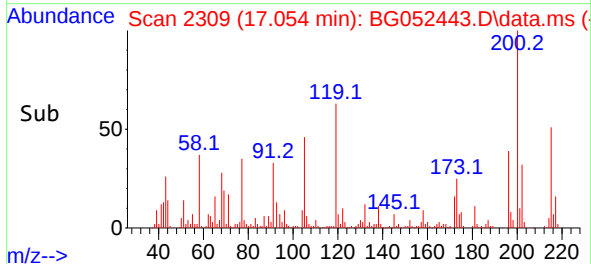
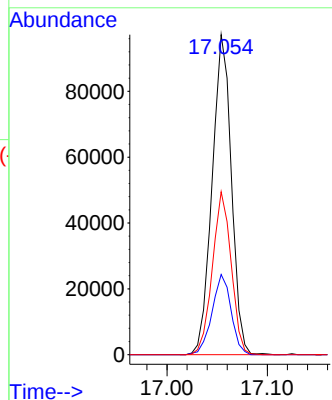
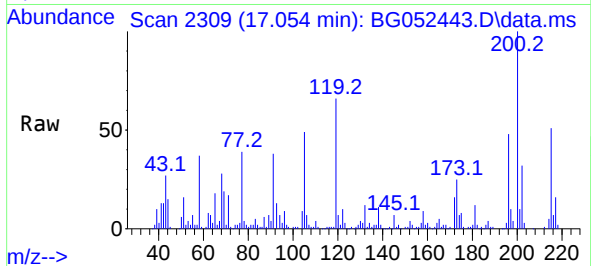
NAPL-SOCKMSD

Tgt Ion:200 Resp: 129509
Ion Ratio Lower Upper
200 100
173 25.1 3.3 43.3
215 50.9 24.4 64.4

Manual Integrations

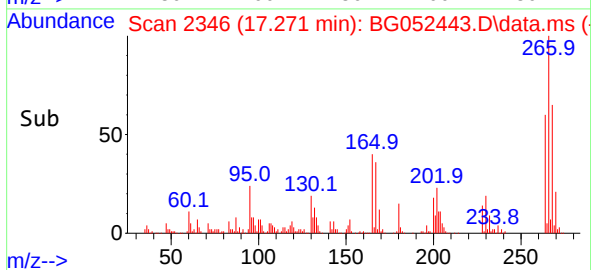
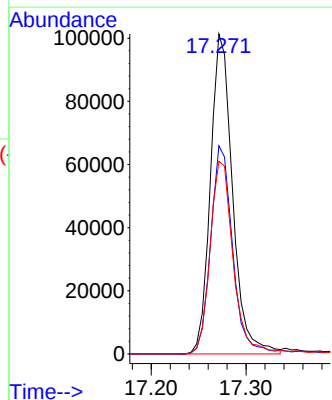
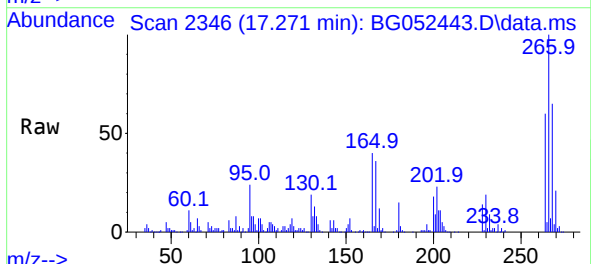
APPROVED

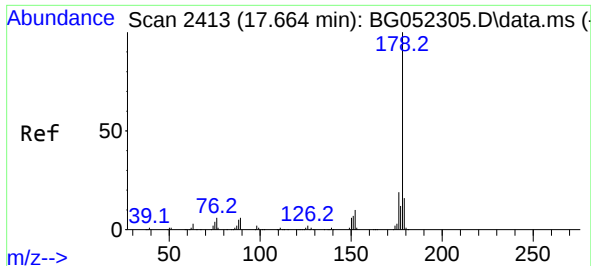
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#70
Pentachlorophenol
Concen: 117.417 ng
RT: 17.271 min Scan# 2346
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

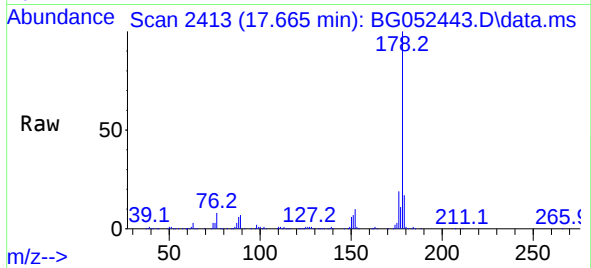
Tgt Ion:266 Resp: 164592
Ion Ratio Lower Upper
266 100
268 65.1 50.6 75.8
264 60.2 52.2 78.2





#71
Phenanthrene
Concen: 51.683 ng
RT: 17.665 min Scan# 2413
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

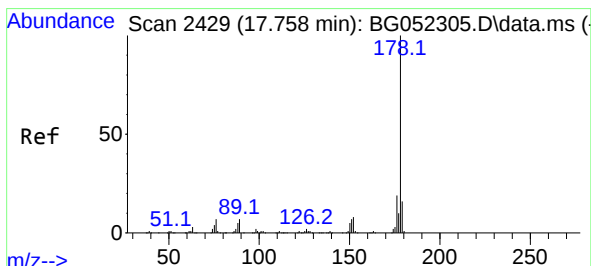
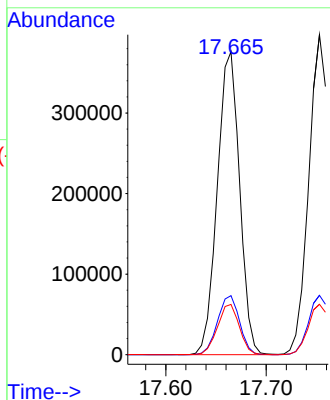
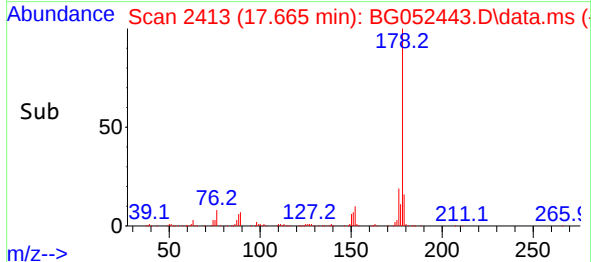
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



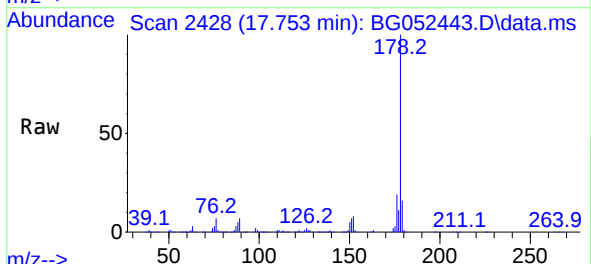
Tgt Ion:178 Resp: 57877
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 16.6 12.6 18.8

Manual Integrations
APPROVED

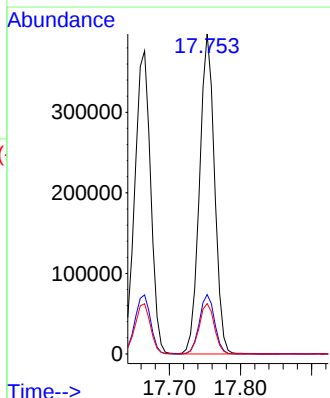
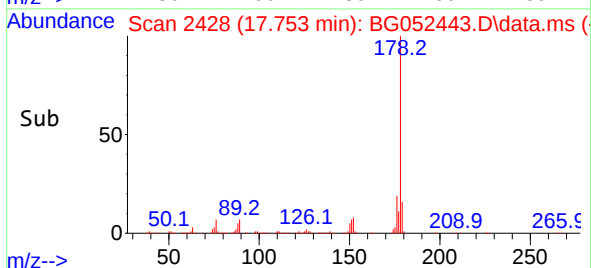
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

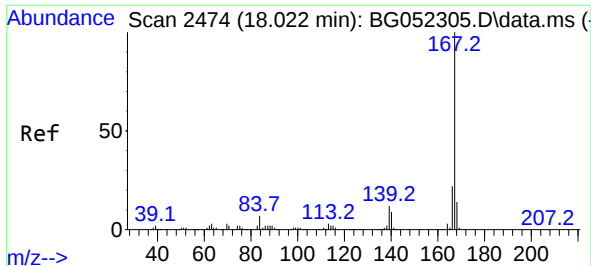


#72
Anthracene
Concen: 53.251 ng
RT: 17.753 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:178 Resp: 584368
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.8 13.1 19.7





#73
 Carbazole
 Concen: 49.894 ng
 RT: 18.017 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BG052443.D
 Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

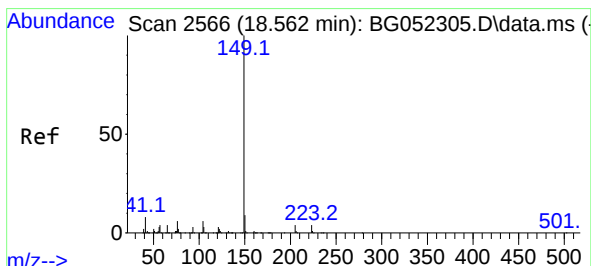
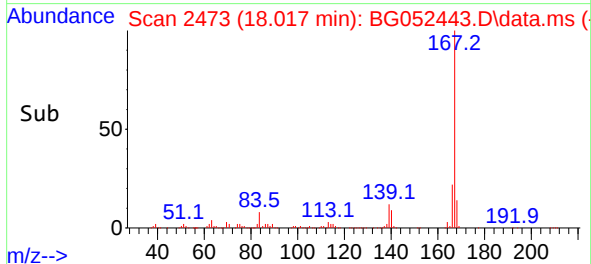
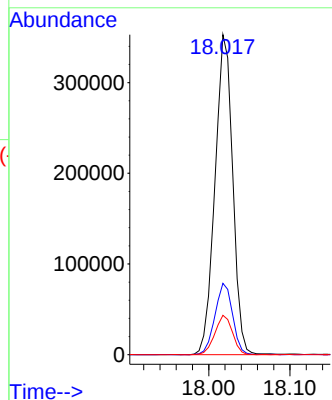
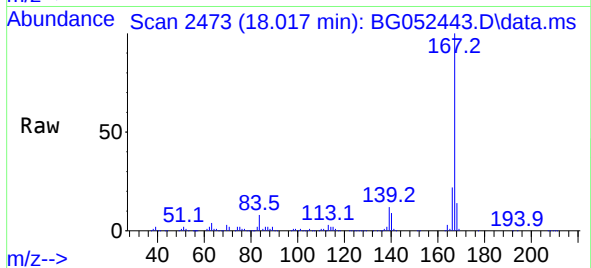
NAPL-SOCKMSD

Tgt Ion:167 Resp: 53401
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 12.3 10.6 16.0

Manual Integrations

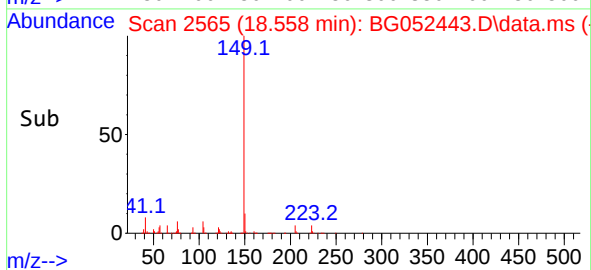
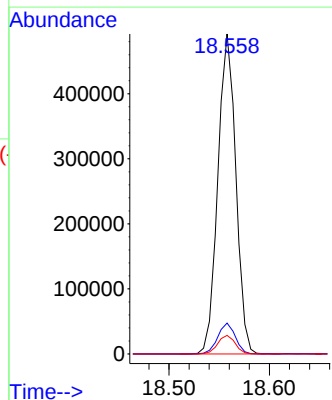
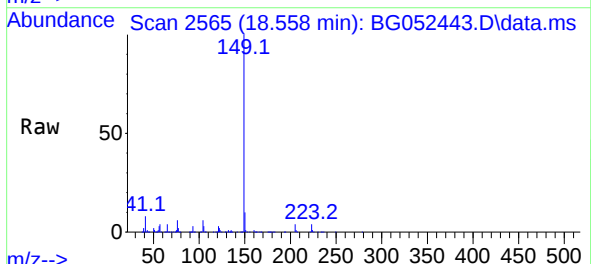
APPROVED

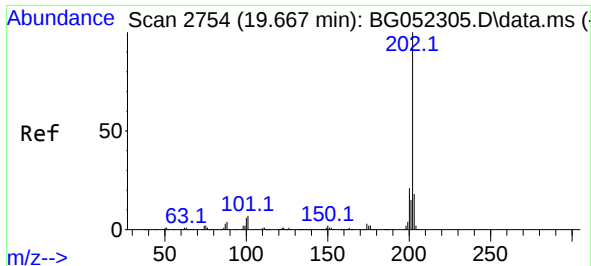
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#74
 Di-n-butylphthalate
 Concen: 52.411 ng
 RT: 18.558 min Scan# 2565
 Delta R.T. -0.004 min
 Lab File: BG052443.D
 Acq: 21 Feb 2022 18:45

Tgt Ion:149 Resp: 611176
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.0
 104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 49.245 ng
RT: 19.662 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

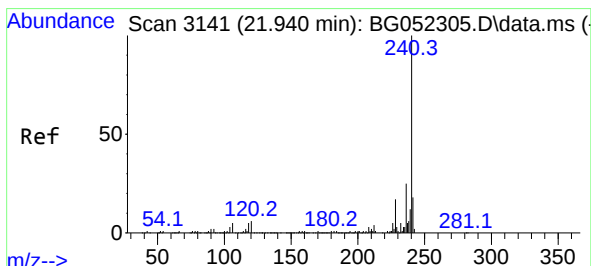
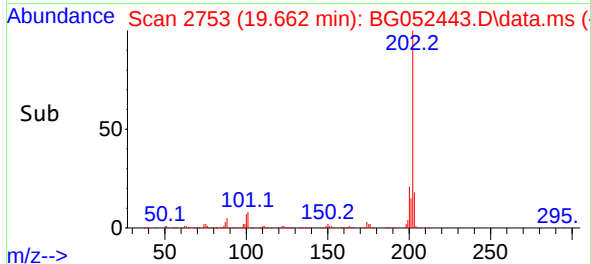
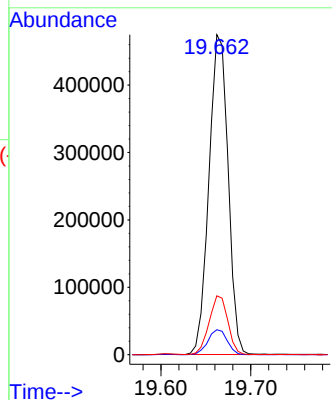
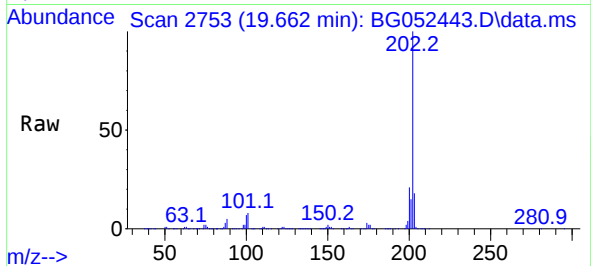
NAPL-SOCKMSD

Tgt Ion:202 Resp: 70220
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 18.4 0.0 37.8

Manual Integrations

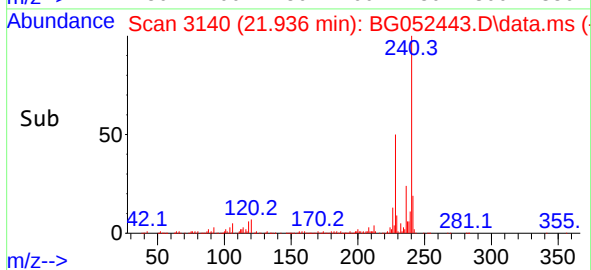
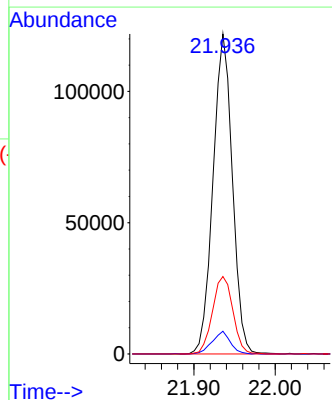
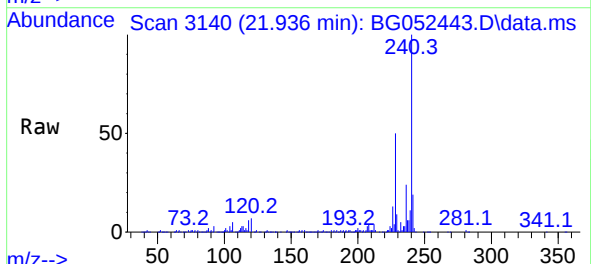
APPROVED

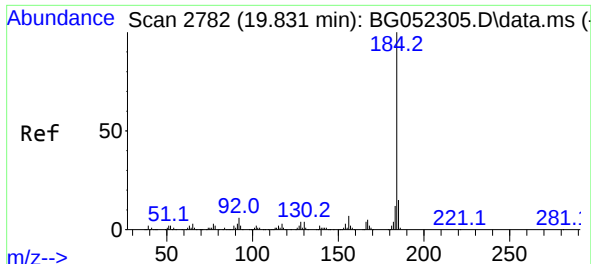
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:240 Resp: 201441
Ion Ratio Lower Upper
240 100
120 7.1 4.4 6.6#
236 24.2 20.8 31.2





#77
Benzidine
Concen: 20.407 ng
RT: 19.833 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

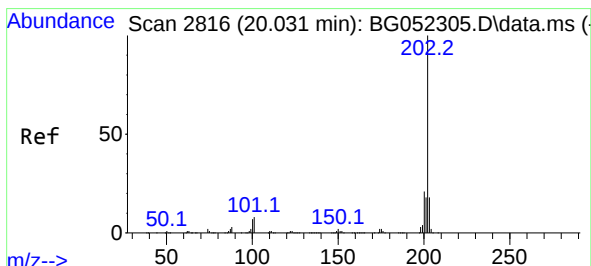
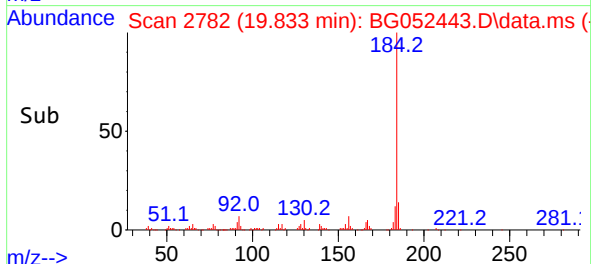
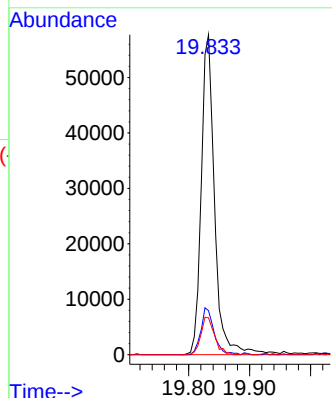
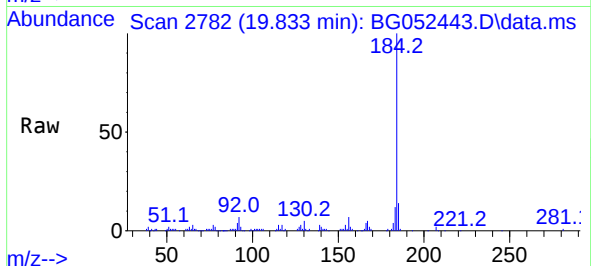
NAPL-SOCKMSD

Tgt Ion:184 Resp: 8783
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 11.5 9.8 14.6

Manual Integrations

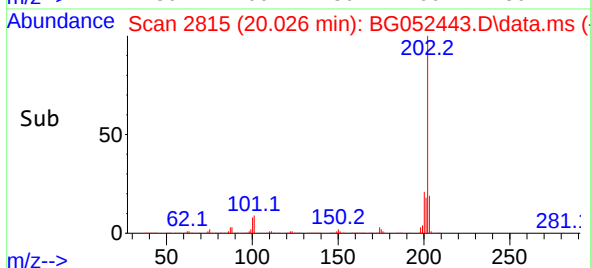
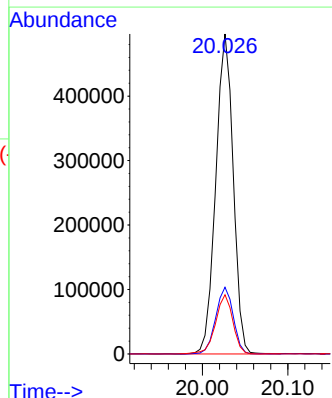
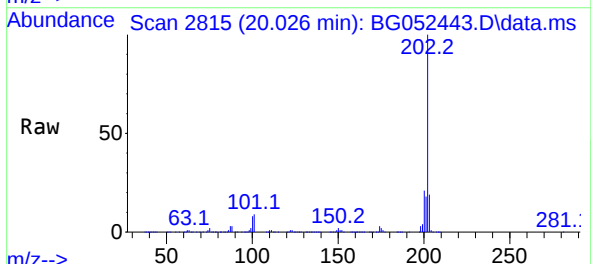
APPROVED

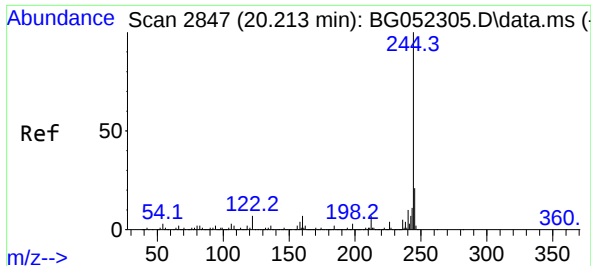
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#78
Pyrene
Concen: 52.396 ng
RT: 20.026 min Scan# 2815
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:202 Resp: 706259
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 18.5 14.5 21.7





#79
 Terphenyl-d14
 Concen: 99.981 ng
 RT: 20.214 min Scan# 214
 Delta R.T. 0.001 min
 Lab File: BG052443.D
 Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

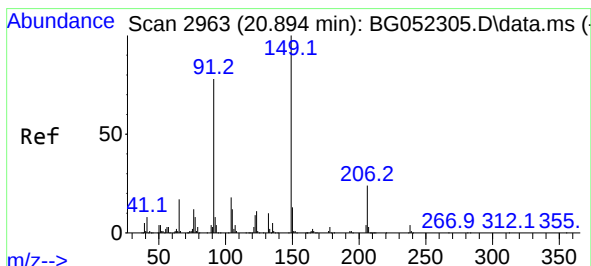
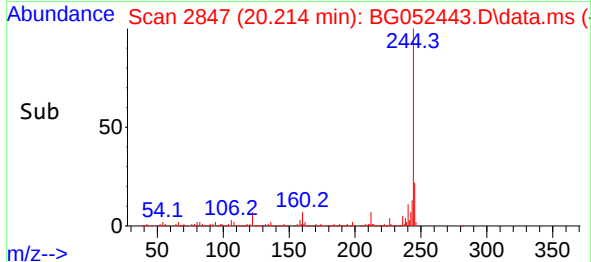
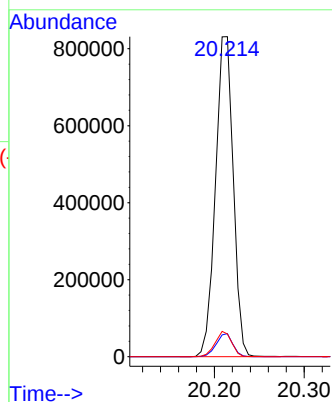
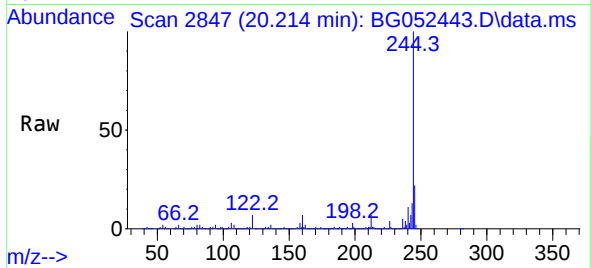
NAPL-SOCKMSD

Tgt Ion:244 Resp: 114053
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.1 6.2 9.4

Manual Integrations

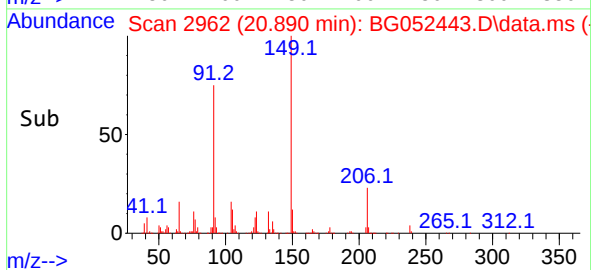
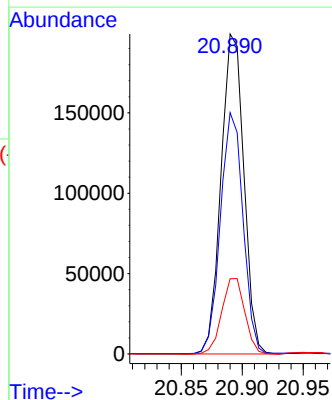
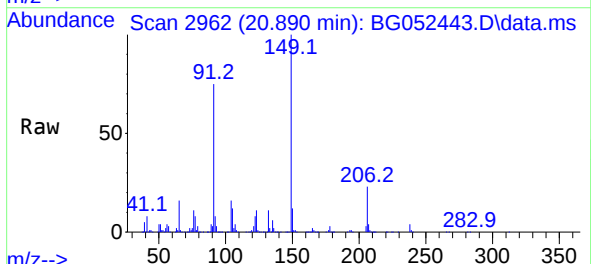
APPROVED

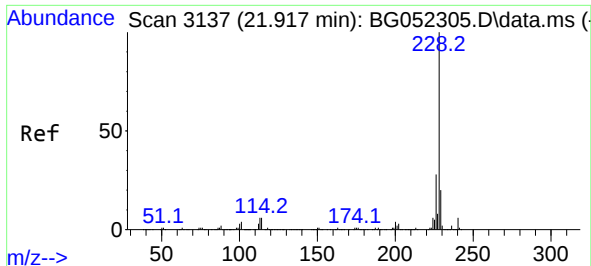
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#80
 Butylbenzylphthalate
 Concen: 55.427 ng
 RT: 20.890 min Scan# 2962
 Delta R.T. -0.004 min
 Lab File: BG052443.D
 Acq: 21 Feb 2022 18:45

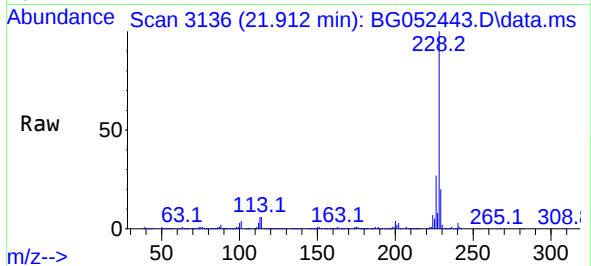
Tgt Ion:149 Resp: 259518
 Ion Ratio Lower Upper
 149 100
 91 75.4 64.0 96.0
 206 23.5 19.3 28.9





#81
Benzo(a)anthracene
Concen: 51.719 ng
RT: 21.912 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

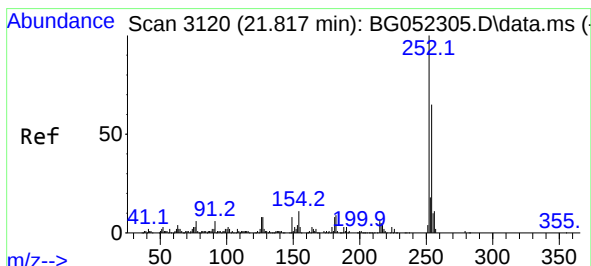
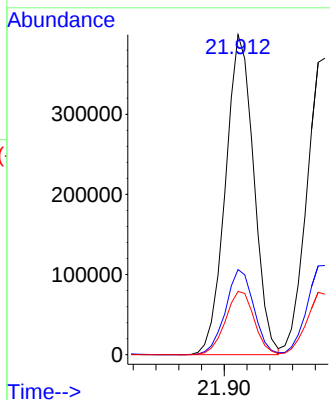
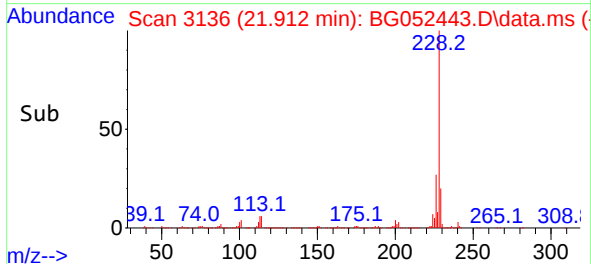
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



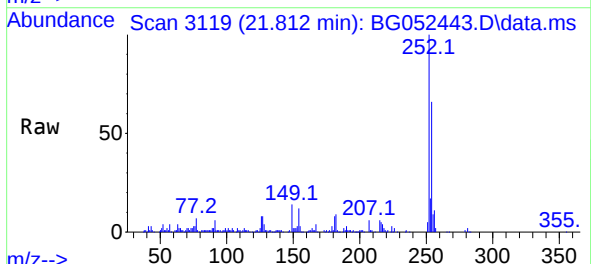
Tgt Ion:228 Resp: 68942
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.7 16.0 24.0

Manual Integrations
APPROVED

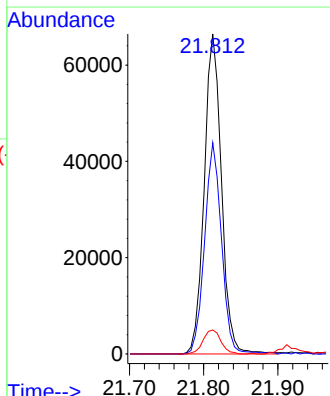
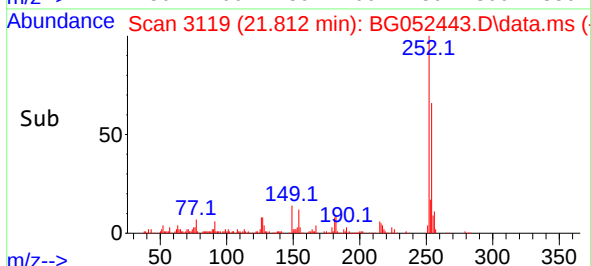
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

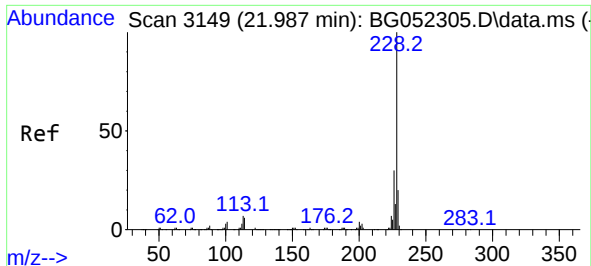


#82
3,3'-Dichlorobenzidine
Concen: 23.031 ng
RT: 21.812 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



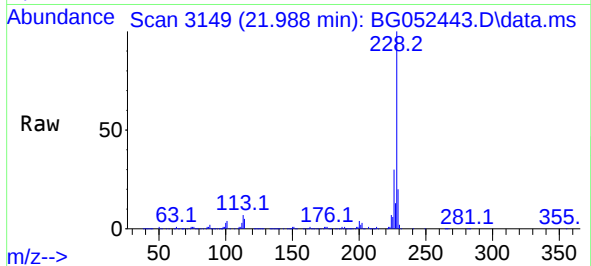
Tgt Ion:252 Resp: 107176
Ion Ratio Lower Upper
252 100
254 66.0 52.6 79.0
126 7.5 6.4 9.6





#83
Chrysene
Concen: 50.690 ng
RT: 21.988 min Scan# 3149
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

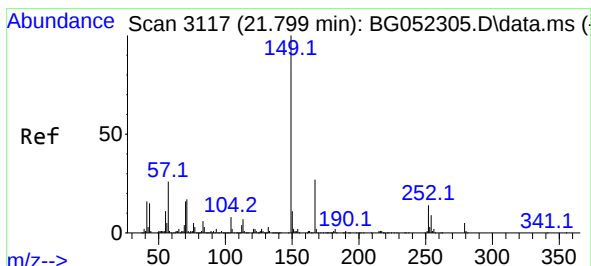
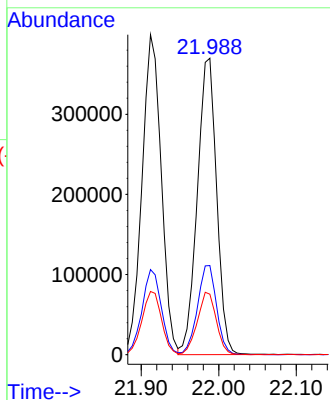
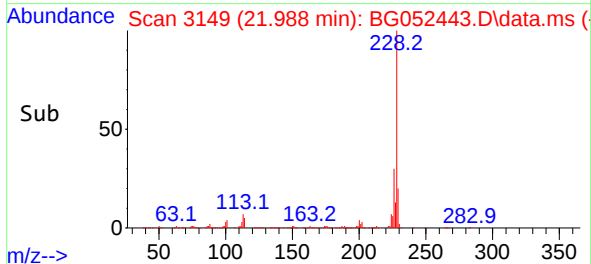
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



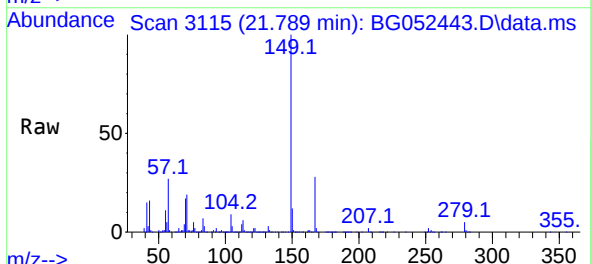
Tgt Ion:228 Resp: 640309
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.4 16.4 24.6

Manual Integrations
APPROVED

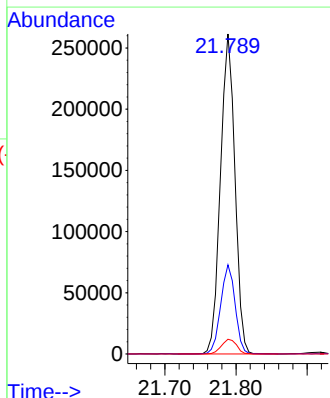
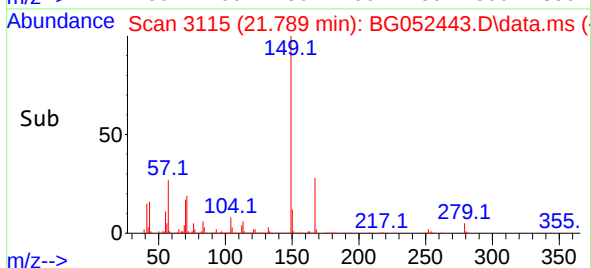
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

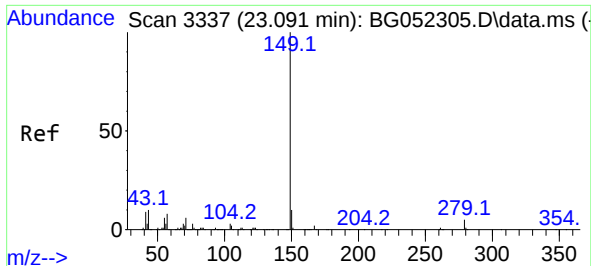


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.718 ng
RT: 21.789 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



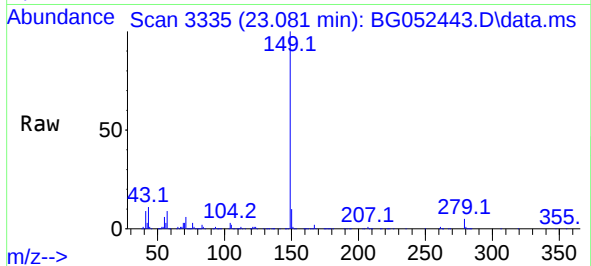
Tgt Ion:149 Resp: 368231
Ion Ratio Lower Upper
149 100
167 27.9 21.4 32.0
279 4.6 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 56.470 ng
RT: 23.081 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

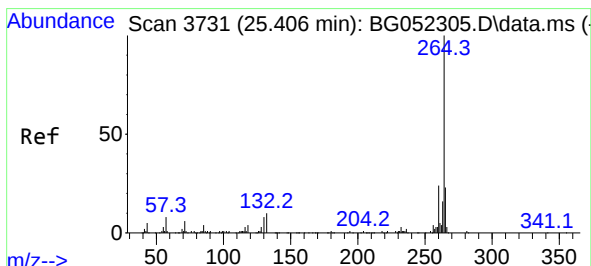
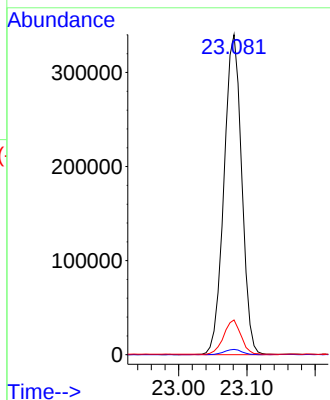
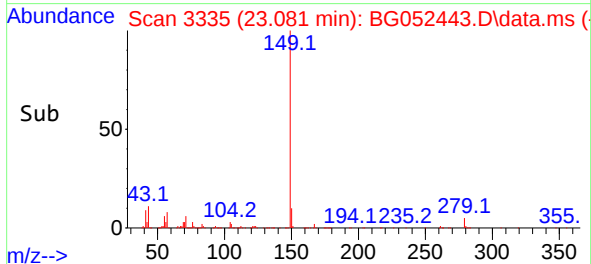
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



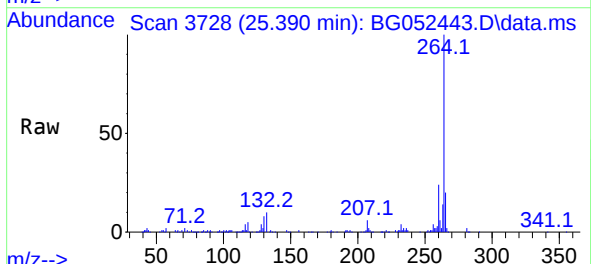
Tgt Ion:149 Resp: 61468
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.4 10.0 15.0

Manual Integrations
APPROVED

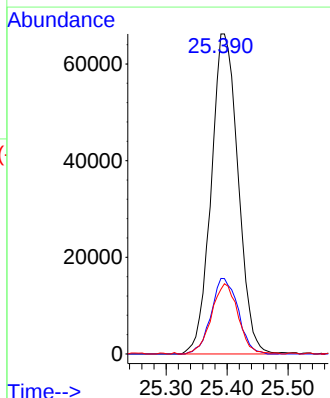
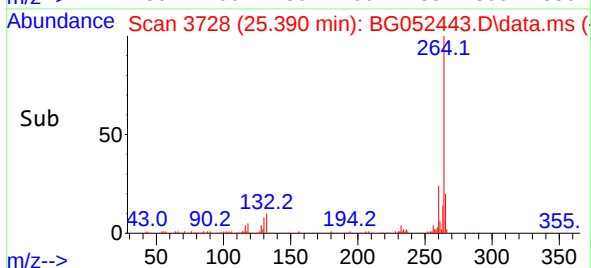
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

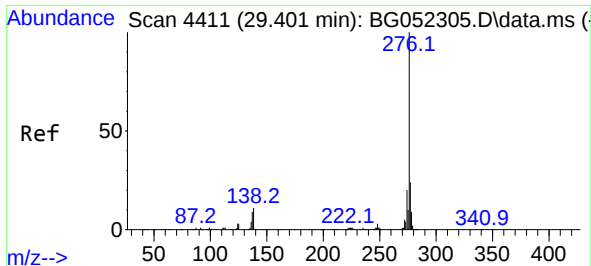


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.390 min Scan# 3728
Delta R.T. -0.016 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



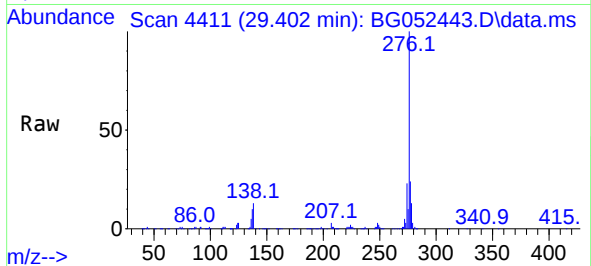
Tgt Ion:264 Resp: 202824
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 20.2 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.801 ng
RT: 29.402 min Scan# 4411
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

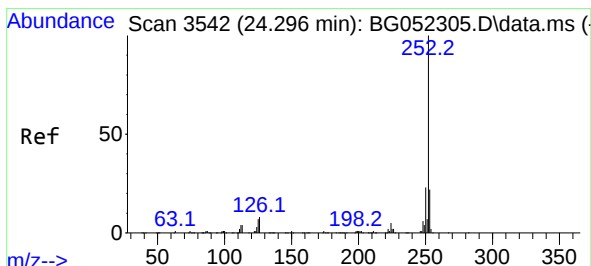
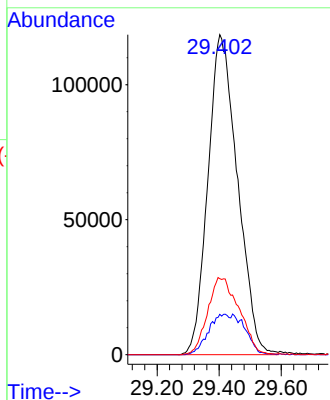
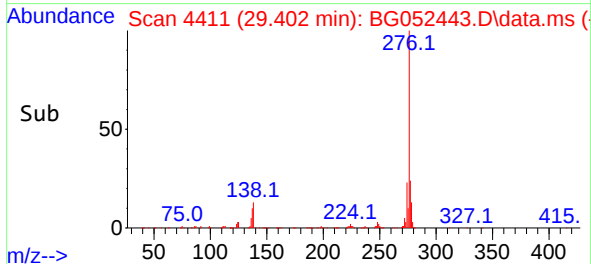
Instrument :
BNA_G
ClientSampleId :
NAPL-SOCKMSD



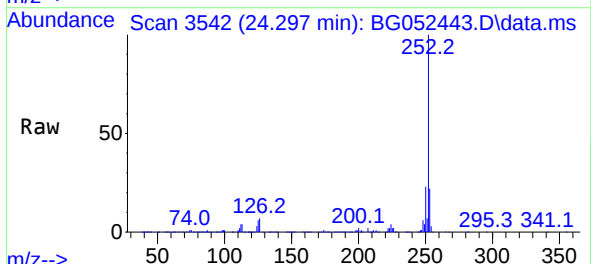
Tgt Ion:276 Resp: 78368
Ion Ratio Lower Upper
276 100
138 0.0 6.1 9.1
277 25.7 20.2 30.4

Manual Integrations
APPROVED

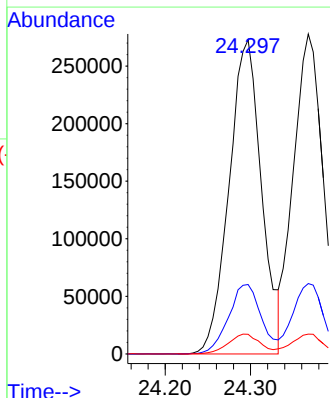
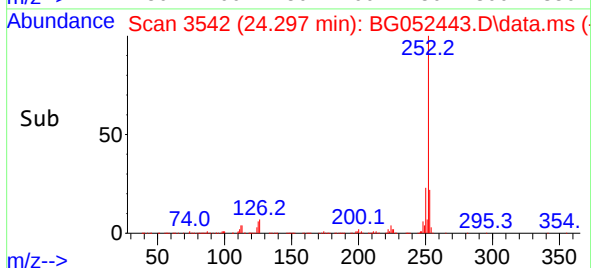
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

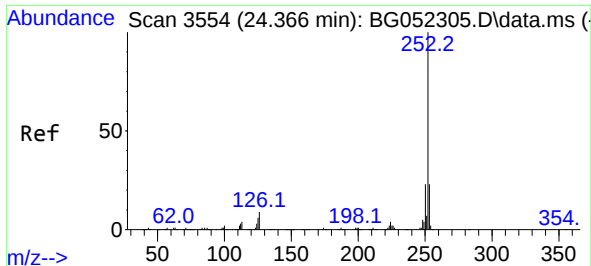


#88
Benzo(b)fluoranthene
Concen: 57.090 ng
RT: 24.297 min Scan# 3542
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:252 Resp: 721559
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 6.3 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 53.451 ng
RT: 24.368 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

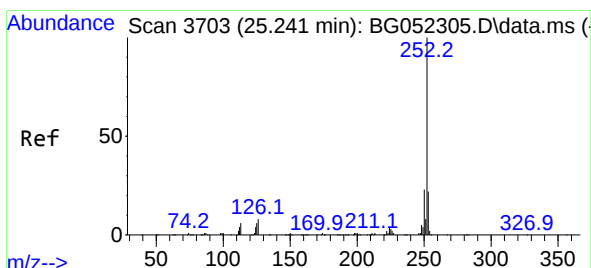
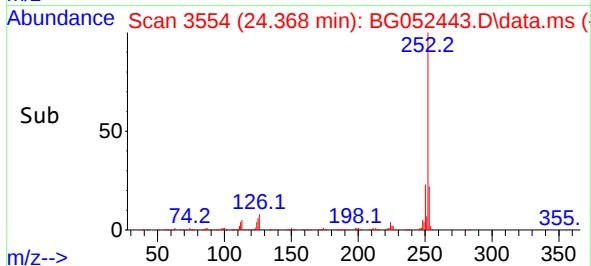
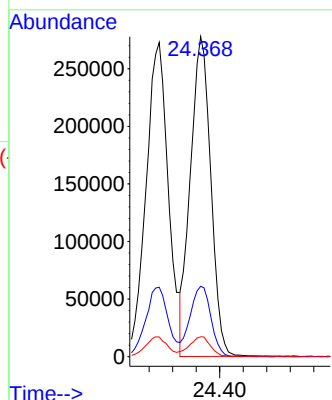
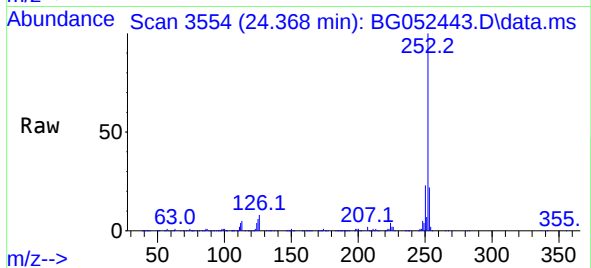
NAPL-SOCKMSD

Tgt Ion:252 Resp: 667368
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 6.2 4.6 7.0

Manual Integrations

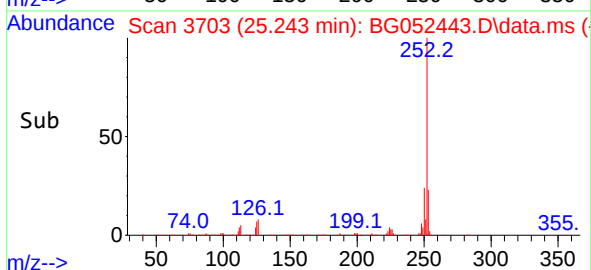
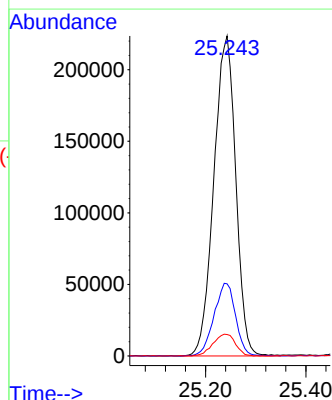
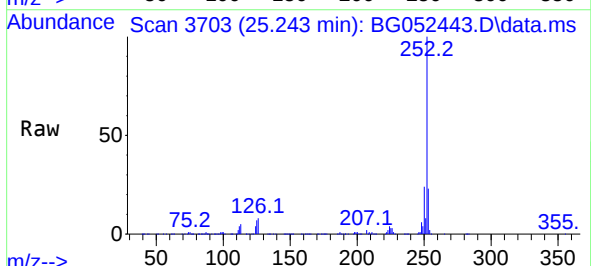
APPROVED

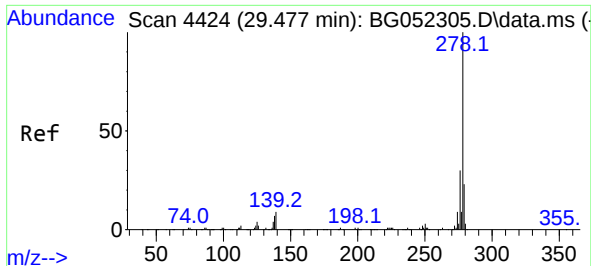
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#90
Benzo(a)pyrene
Concen: 63.409 ng
RT: 25.243 min Scan# 3703
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Tgt Ion:252 Resp: 676996
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 6.7 5.0 7.6





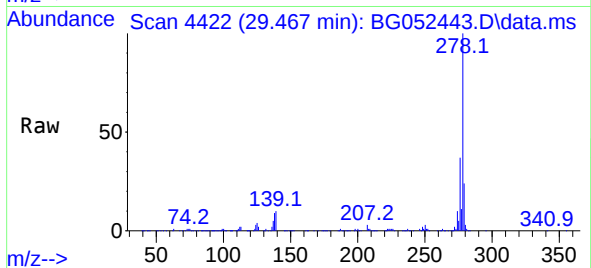
#91
Dibenzo(a,h)anthracene
Concen: 55.029 ng
RT: 29.467 min Scan# 4424
Delta R.T. -0.010 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

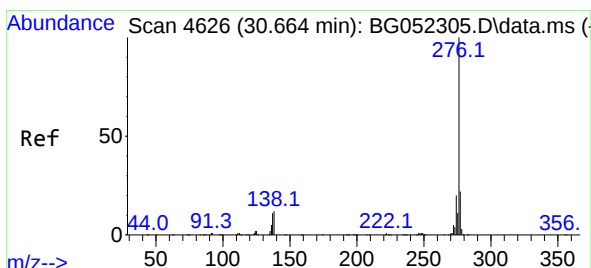
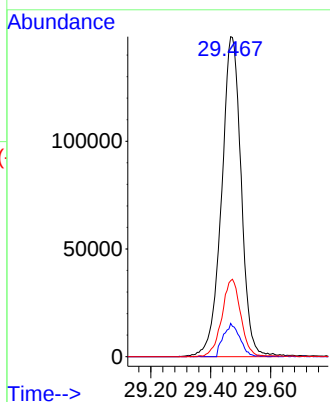
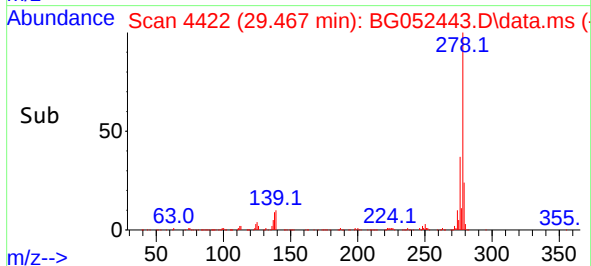


Tgt Ion:278 Resp: 67470
Ion Ratio Lower Upper
278 100
139 10.4 6.4 9.6
279 23.8 20.1 30.1

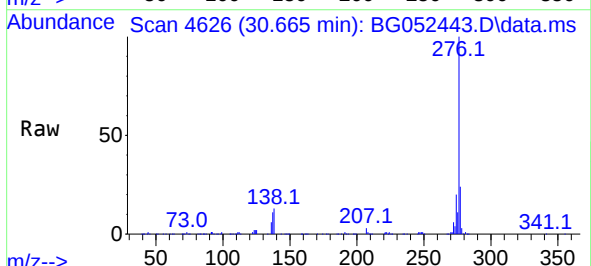
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.372 ng
RT: 30.665 min Scan# 4626
Delta R.T. 0.001 min
Lab File: BG052443.D
Acq: 21 Feb 2022 18:45



Tgt Ion:276 Resp: 666276
Ion Ratio Lower Upper
276 100
277 24.4 18.2 27.2
138 12.6 9.1 13.7

