

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009679.D
 Acq On : 04 Apr 2022 15:18
 Operator : CG/JU
 Sample : N2229-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUMMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2022
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 23:24:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	239148	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	966258	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	598307	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1227309	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1227789	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1305974	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1860806	135.851	ng	-0.01
7) Phenol-d6	6.922	99	2370190	127.954	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1463769	80.502	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	981111	99.372	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3206161	74.287	ng	-0.02
79) Terphenyl-d14	19.727	244	4891431	71.507	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	251475	46.352	ng	99
3) Pyridine	3.652	79	730850	50.017	ng	99
4) n-Nitrosodimethylamine	3.564	42	323590	60.132	ng	92
6) Aniline	7.058	93	939476	44.500	ng	99
8) 2-Chlorophenol	7.299	128	839358	53.739	ng	98
9) Benzaldehyde	6.875	77	389215	44.885	ng	98
10) Phenol	6.952	94	1054411	56.738	ng	99
11) bis(2-Chloroethyl)ether	7.158	93	769491	52.320	ng	98
12) 1,3-Dichlorobenzene	7.616	146	877885	49.799	ng	99
13) 1,4-Dichlorobenzene	7.757	146	894890	49.650	ng	100
14) 1,2-Dichlorobenzene	8.075	146	857057	49.196	ng	99
15) Benzyl Alcohol	7.975	79	736042	49.837	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	885918	55.568	ng	98
17) 2-Methylphenol	8.193	107	684234	53.429	ng	99
18) Hexachloroethane	8.793	117	317234	50.222	ng	97
19) n-Nitroso-di-n-propyla...	8.540	70	593813	50.682	ng	99
20) 3+4-Methylphenols	8.516	107	925197	52.541	ng	97
22) Acetophenone	8.552	105	1171425	48.982	ng	# 98
24) Nitrobenzene	8.928	77	891704	51.913	ng	98
25) Isophorone	9.457	82	1668860	53.807	ng	99
26) 2-Nitrophenol	9.640	139	449742	50.232	ng	97
27) 2,4-Dimethylphenol	9.716	122	761198	60.251	ng	100
28) bis(2-Chloroethoxy)met...	9.940	93	1009045	49.966	ng	99
29) 2,4-Dichlorophenol	10.187	162	779537	50.585	ng	99
30) 1,2,4-Trichlorobenzene	10.387	180	819190	45.882	ng	99
31) Naphthalene	10.569	128	2404614	48.313	ng	100
32) Benzoic acid	9.922	122	534120	54.075	ng	95
33) 4-Chloroaniline	10.687	127	520712	25.638	ng	99
34) Hexachlorobutadiene	10.851	225	513073	42.412	ng	99
35) Caprolactam	11.498	113	250225m	48.112	ng	
36) 4-Chloro-3-methylphenol	11.840	107	804329	48.572	ng	99
37) 2-Methylnaphthalene	12.187	142	1671204	47.856	ng	99
38) 1-Methylnaphthalene	12.410	142	1608944	47.294	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	917726	46.230	ng	99
41) Hexachlorocyclopentadiene	12.540	237	498557	59.728	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	629132	47.814	ng	99

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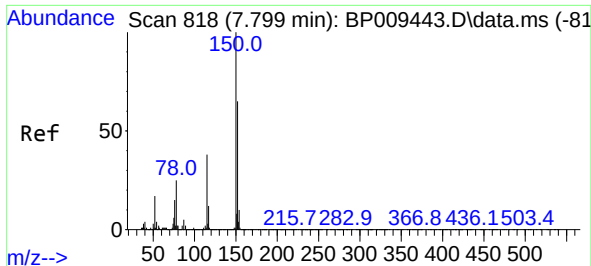
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	668766	46.805	ng	98
46) 1,1'-Biphenyl	13.204	154	2156738	48.320	ng	99
47) 2-Chloronaphthalene	13.245	162	1683975	47.921	ng	100
48) 2-Nitroaniline	13.463	65	510871	53.378	ng	98
49) Acenaphthylene	14.098	152	2803974	51.688	ng	99
50) Dimethylphthalate	13.845	163	2107157	46.479	ng	100
51) 2,6-Dinitrotoluene	13.963	165	468936	49.368	ng	97
52) Acenaphthene	14.439	154	1569147	48.423	ng	99
53) 3-Nitroaniline	14.298	138	307502	30.649	ng	98
54) 2,4-Dinitrophenol	14.522	184	483671	81.835	ng	98
55) Dibenzofuran	14.781	168	2515549	46.207	ng	99
56) 4-Nitrophenol	14.645	139	756973	101.218	ng	99
57) 2,4-Dinitrotoluene	14.763	165	640318	49.026	ng	94
58) Fluorene	15.434	166	2021751	47.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	568640	43.899	ng	96
60) Diethylphthalate	15.216	149	2103704	46.364	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	1043144	44.228	ng	97
62) 4-Nitroaniline	15.469	138	468803	44.493	ng	95
63) Azobenzene	15.722	77	2001018	50.696	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	336582	42.649	ng	97
66) n-Nitrosodiphenylamine	15.645	169	1799909	49.558	ng	98
67) 4-Bromophenyl-phenylether	16.328	248	671630	44.721	ng	97
68) Hexachlorobenzene	16.451	284	756567	43.772	ng	99
69) Atrazine	16.616	200	672361	52.654	ng	98
70) Pentachlorophenol	16.804	266	873653	94.557	ng	99
71) Phenanthrene	17.186	178	3202215	48.741	ng	100
72) Anthracene	17.281	178	3269903	50.411	ng	99
73) Carbazole	17.557	167	3012691	47.491	ng	100
74) Di-n-butylphthalate	18.116	149	3634917	48.898	ng	100
75) Fluoranthene	19.169	202	3830493	48.160	ng	99
77) Benzidine	19.357	184	570821	18.967	ng	99
78) Pyrene	19.527	202	3922756	48.485	ng	99
80) Butylbenzylphthalate	20.410	149	1674035	48.680	ng	98
81) Benzo(a)anthracene	21.251	228	3949670	48.964	ng	99
82) 3,3'-Dichlorobenzidine	21.180	252	1111618	35.672	ng	99
83) Chrysene	21.304	228	3617954	47.366	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2392046	49.905	ng	100
85) Di-n-octyl phthalate	22.092	149	4157810	50.325	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4584903	46.274	ng	97
88) Benzo(b)fluoranthene	22.916	252	3982216	51.078	ng	99
89) Benzo(k)fluoranthene	22.968	252	3958693	51.860	ng	99
90) Benzo(a)pyrene	23.533	252	3938799	59.049	ng	98
91) Dibenzo(a,h)anthracene	26.127	278	4023980	48.730	ng	98
92) Benzo(g,h,i)perylene	26.874	276	3975469	48.938	ng	97

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



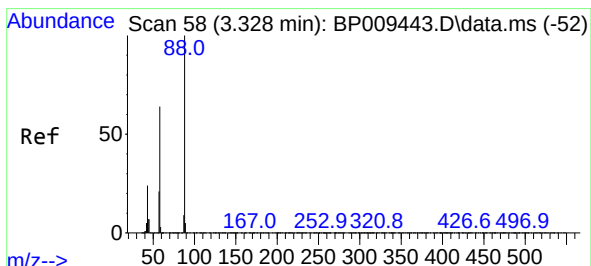
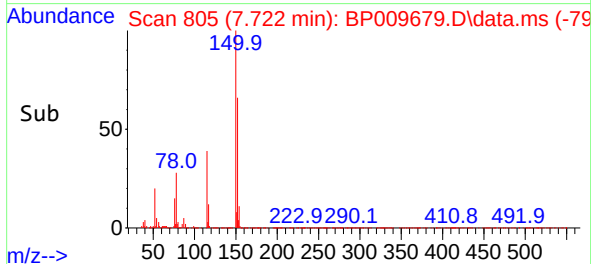
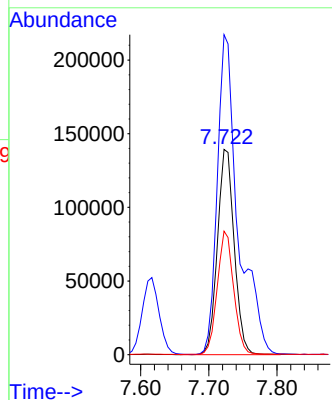
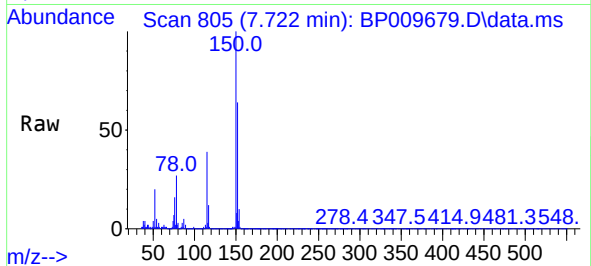
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
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ClientSampleId :
SOIL-DRUMMS

Tgt Ion:152 Resp: 23914
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 60.2 48.2 72.4

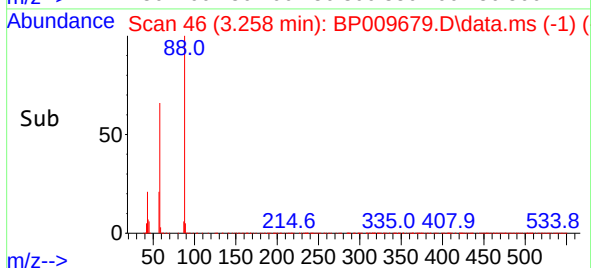
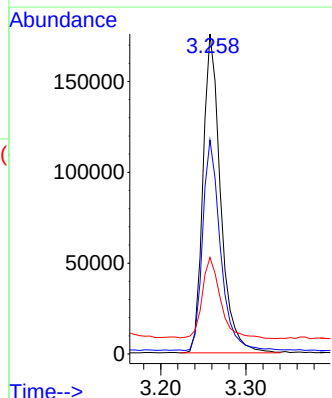
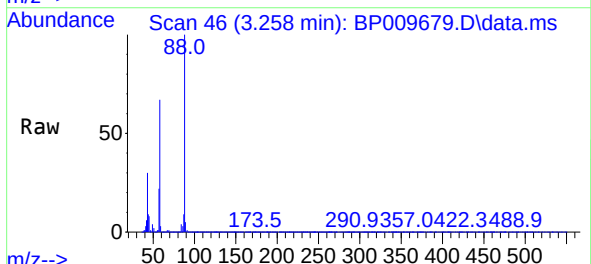
Manual Integrations
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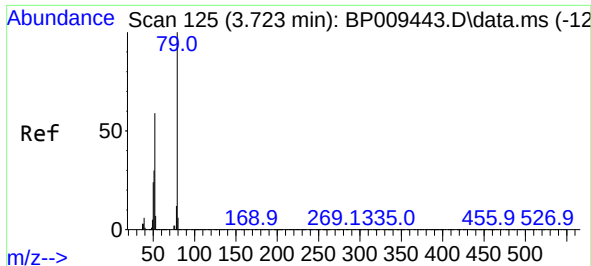
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#2
1,4-Dioxane
Concen: 46.352 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

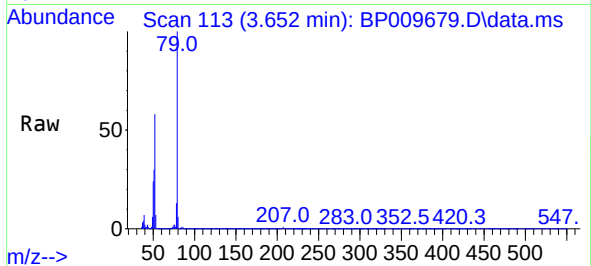
Tgt Ion: 88 Resp: 251475
Ion Ratio Lower Upper
88 100
58 68.1 54.2 81.2
43 26.5 20.4 30.6





#3
Pyridine
Concen: 50.017 ng
RT: 3.652 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

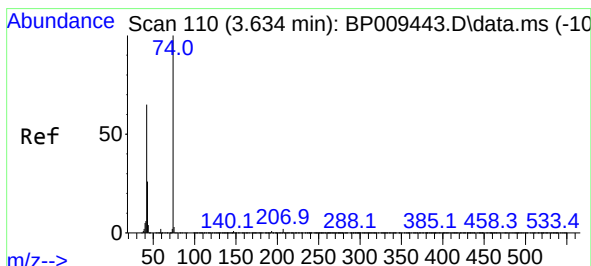
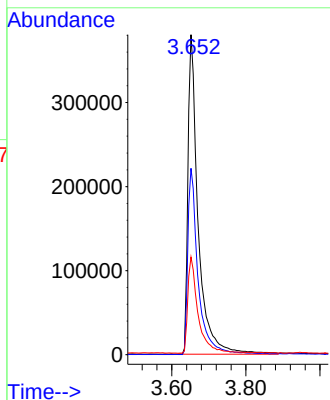
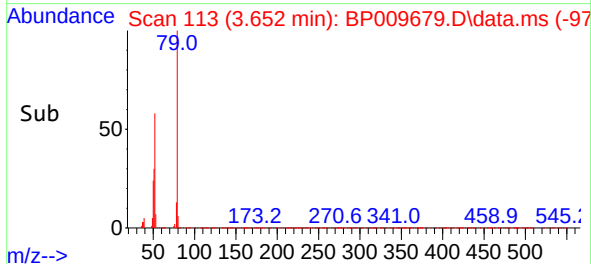
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



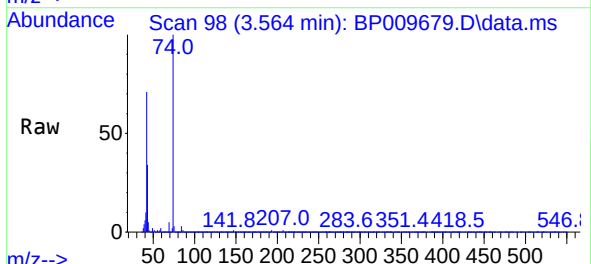
Tgt Ion: 79 Resp: 730850
Ion Ratio Lower Upper
79 100
52 58.3 47.5 71.3
51 30.5 24.1 36.1

Manual Integrations
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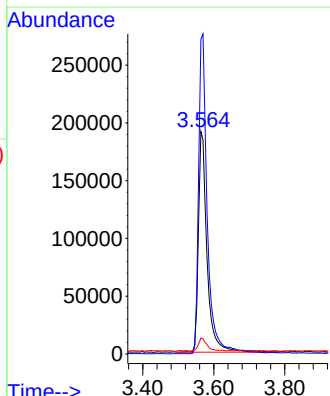
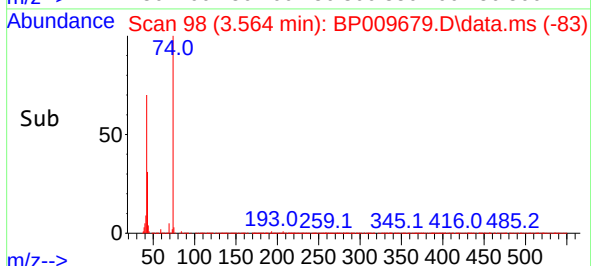
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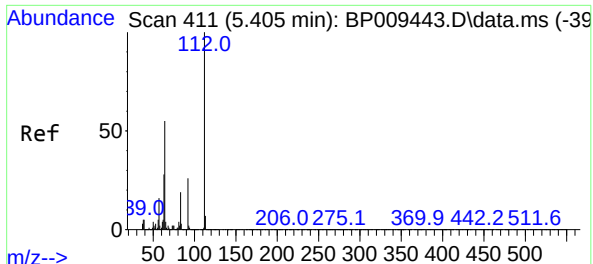


#4
n-Nitrosodimethylamine
Concen: 60.132 ng
RT: 3.564 min Scan# 98
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion: 42 Resp: 323590
Ion Ratio Lower Upper
42 100
74 141.5 122.1 183.1
44 7.2 5.8 8.8





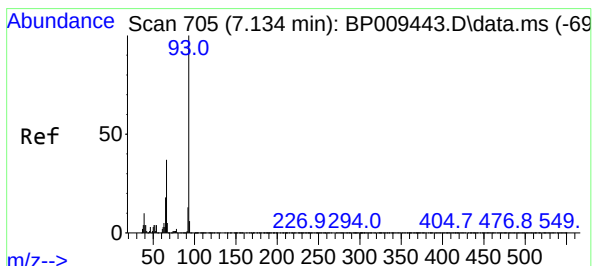
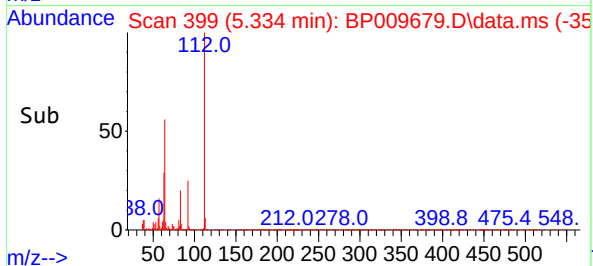
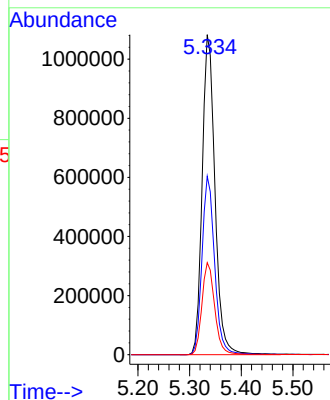
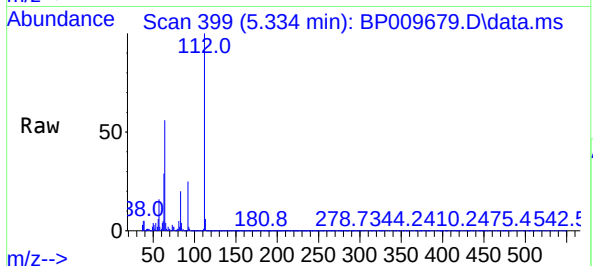
#5
2-Fluorophenol
Concen: 135.851 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:112 Resp: 1860800
Ion Ratio Lower Upper
112 100
64 55.8 45.0 67.4
63 28.8 23.0 34.6

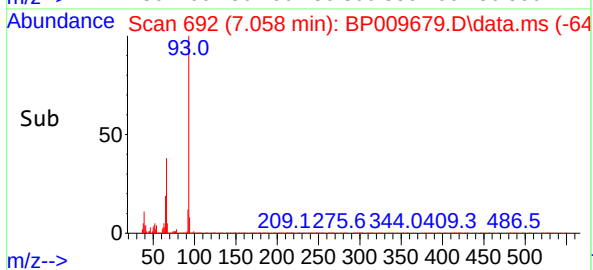
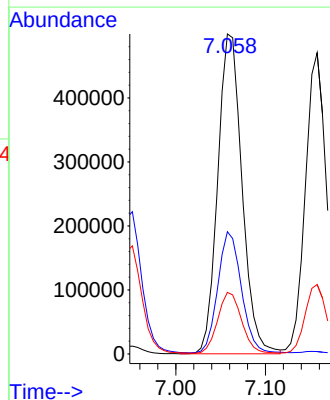
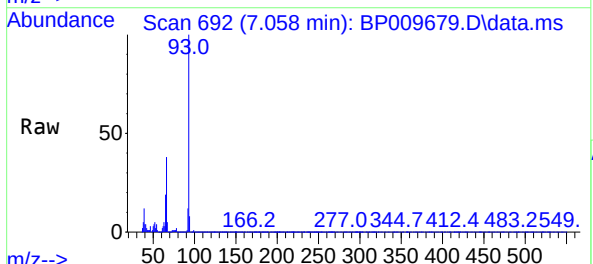
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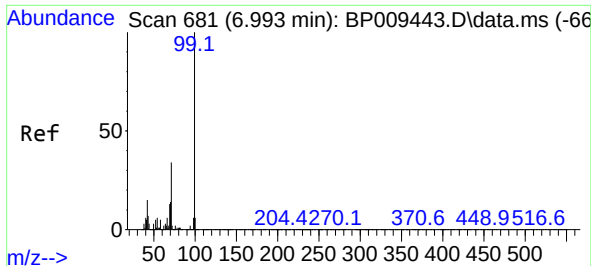
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#6
Aniline
Concen: 44.500 ng
RT: 7.058 min Scan# 692
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

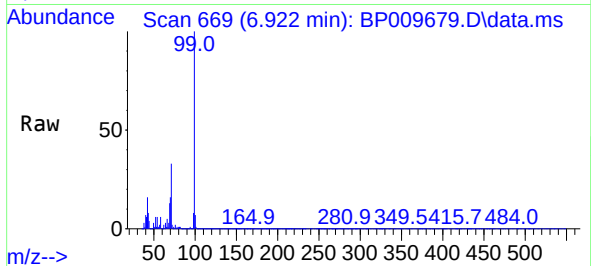
Tgt Ion: 93 Resp: 939476
Ion Ratio Lower Upper
93 100
66 38.2 30.9 46.3
65 19.3 15.8 23.8





#7
Phenol-d6
Concen: 127.954 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

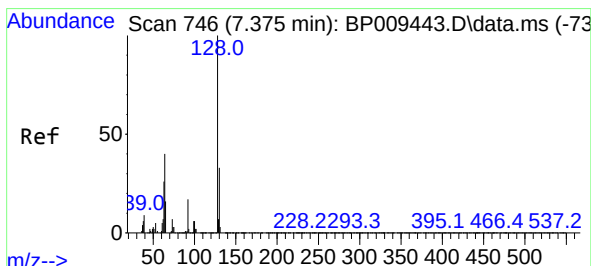
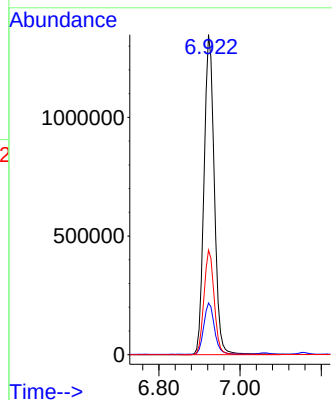
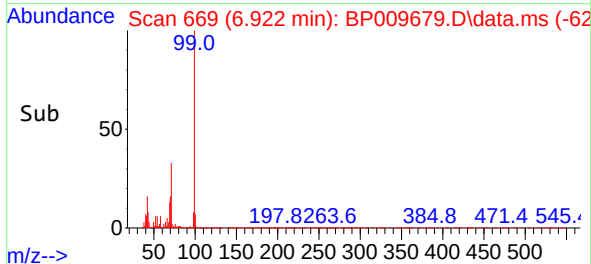
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 2370190
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 32.7 26.3 39.5

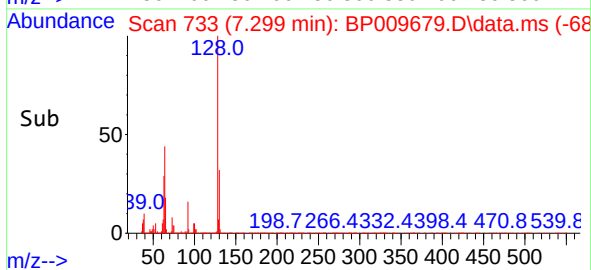
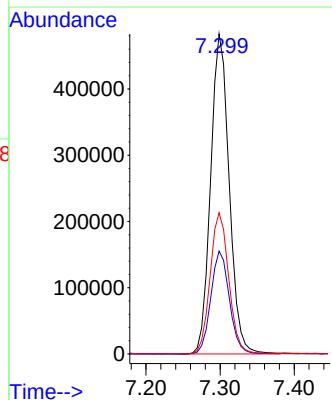
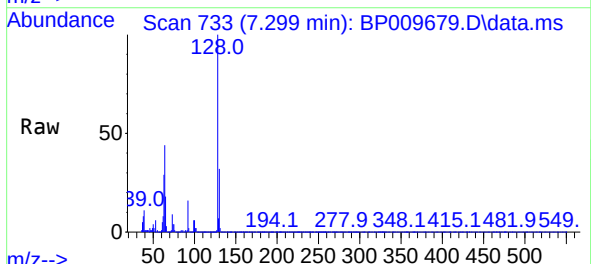
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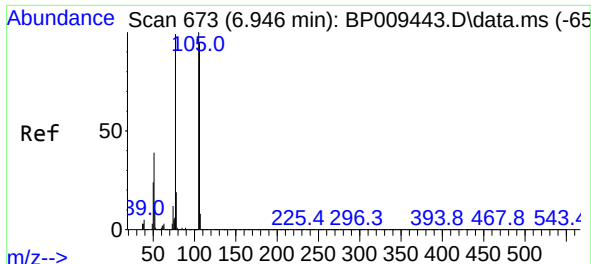
Reviewed By :Christian Giraldo 04/05/2022
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#8
2-Chlorophenol
Concen: 53.739 ng
RT: 7.299 min Scan# 733
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:128 Resp: 839358
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 44.2 26.2 66.2





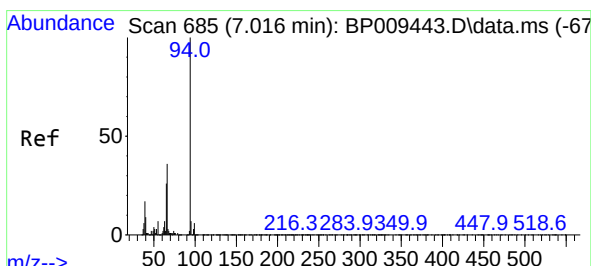
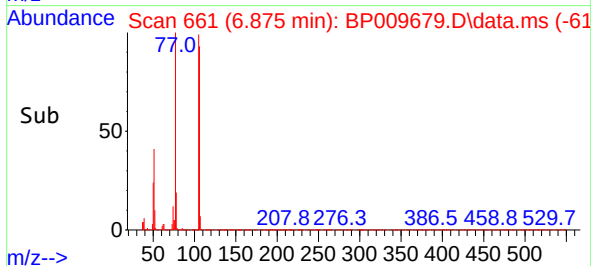
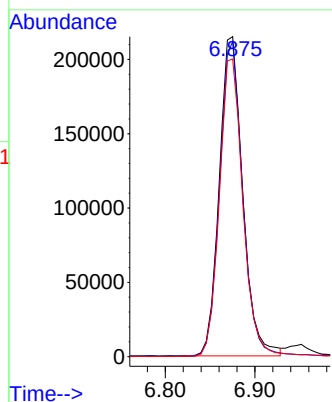
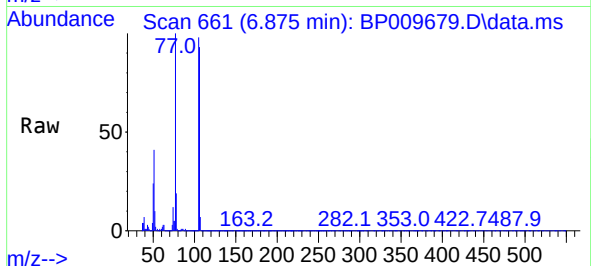
#9
Benzaldehyde
Concen: 44.885 ng
RT: 6.875 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
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ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 77 Resp: 38921
Ion Ratio Lower Upper
77 100
105 98.5 75.2 115.2
106 93.0 72.3 112.3

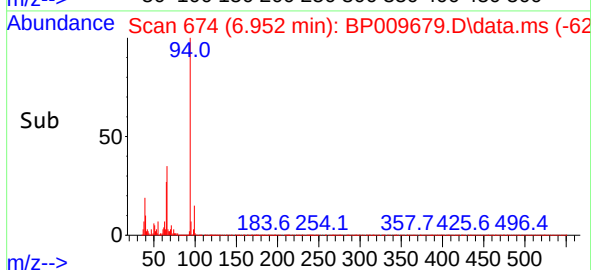
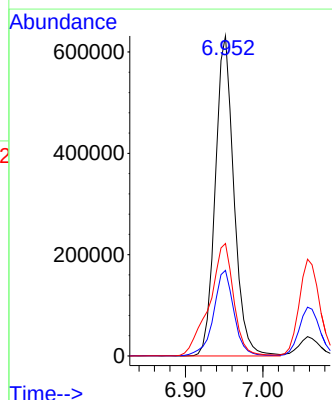
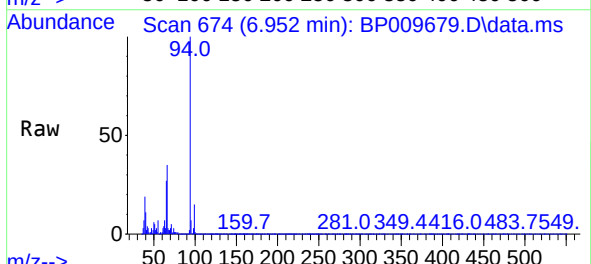
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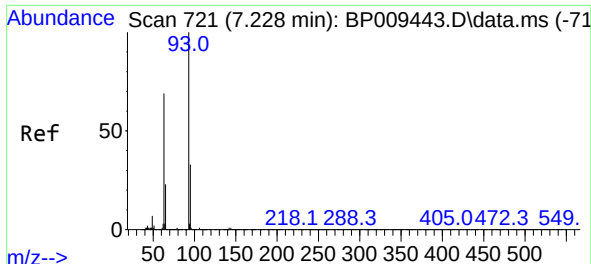
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#10
Phenol
Concen: 56.738 ng
RT: 6.952 min Scan# 674
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion: 94 Resp: 1054411
Ion Ratio Lower Upper
94 100
65 26.7 7.2 47.2
66 35.2 14.3 54.3





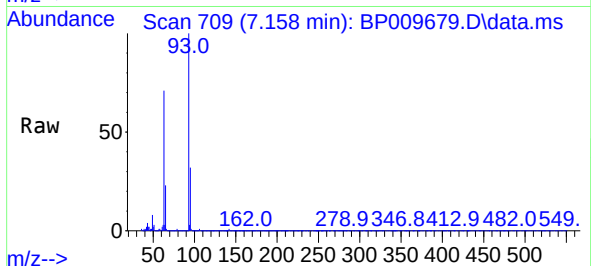
#11
bis(2-Chloroethyl)ether
Concen: 52.320 ng
RT: 7.158 min Scan# 709
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMS

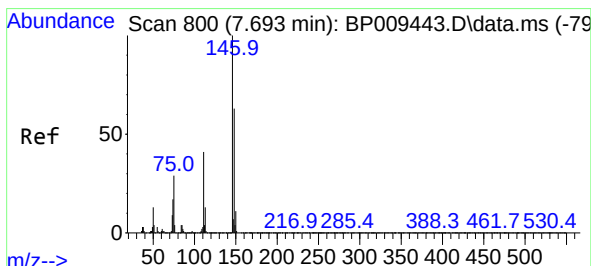
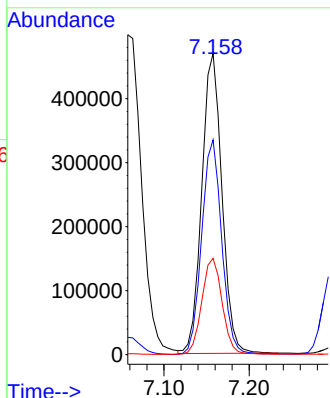
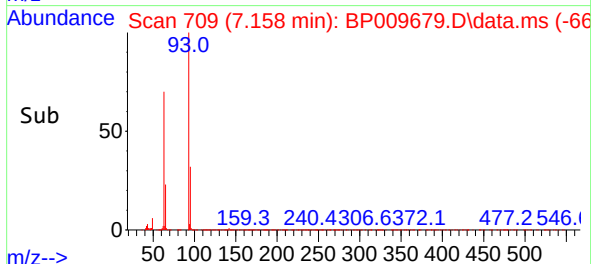


Tgt Ion: 93 Resp: 76949
Ion Ratio Lower Upper
93 100
63 71.3 53.5 93.5
95 32.0 12.0 52.0

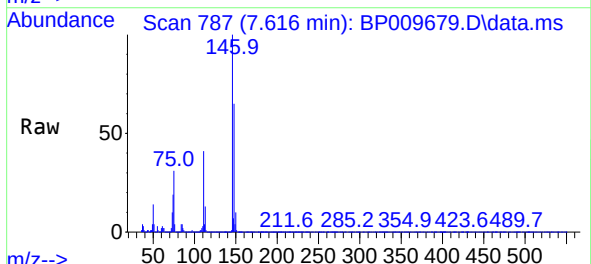
Manual Integrations

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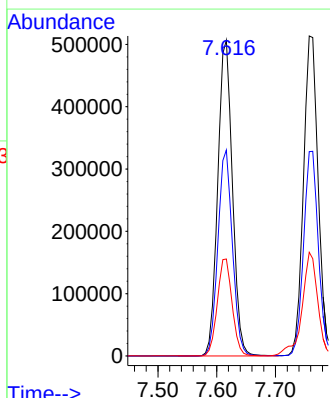
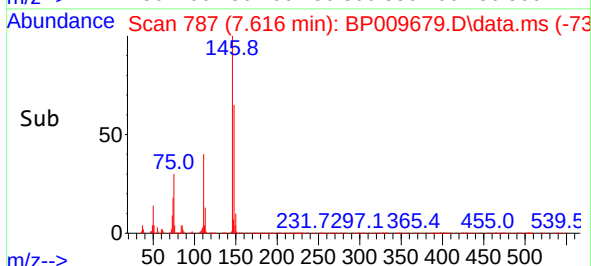
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

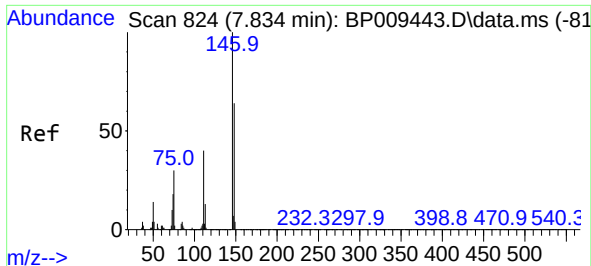


#12
1,3-Dichlorobenzene
Concen: 49.799 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



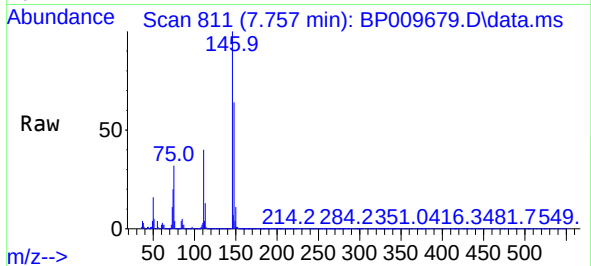
Tgt Ion:146 Resp: 877885
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
75 30.7 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 49.650 ng
RT: 7.757 min Scan# 811
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

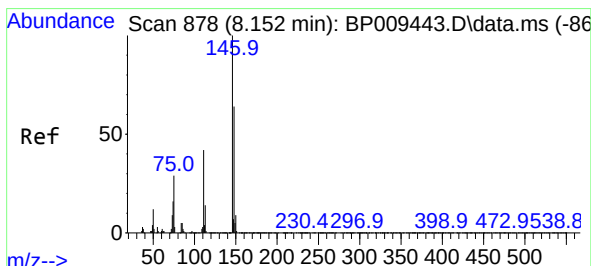
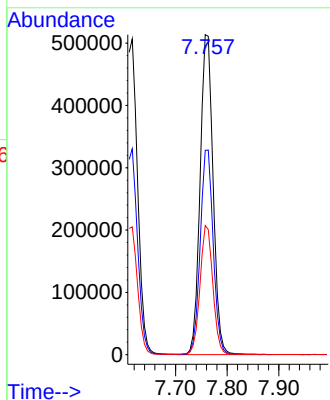
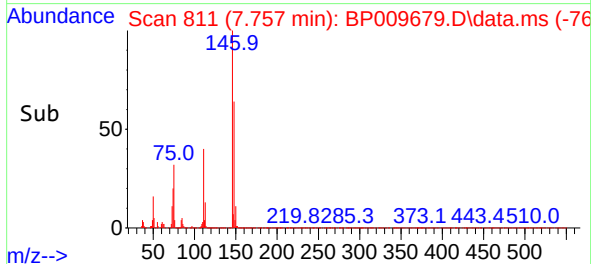
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



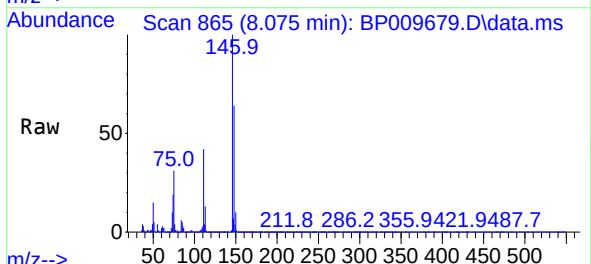
Tgt Ion:146 Resp: 894890
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 40.4 32.1 48.1

Manual Integrations
APPROVED

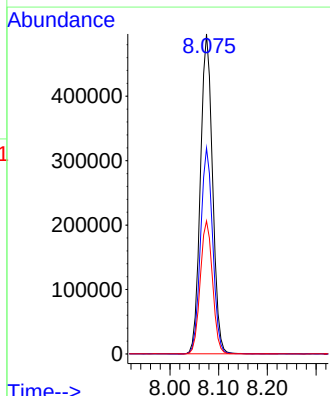
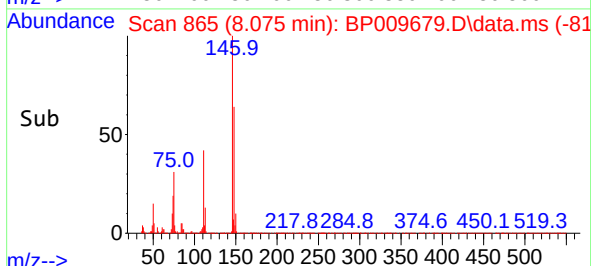
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

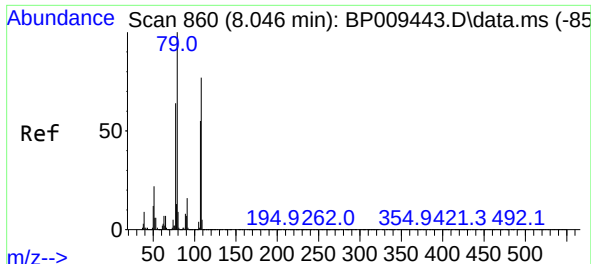


#14
1,2-Dichlorobenzene
Concen: 49.196 ng
RT: 8.075 min Scan# 865
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion:146 Resp: 857057
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 41.6 34.1 51.1





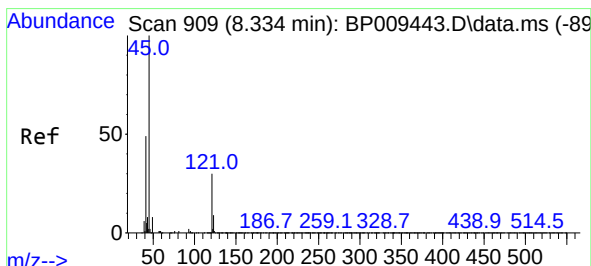
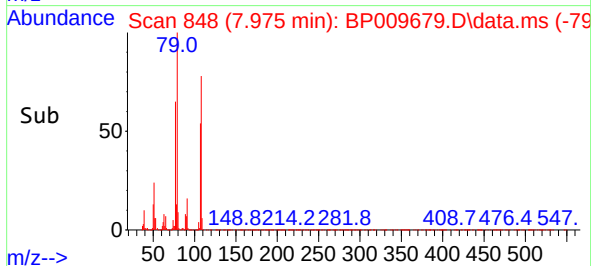
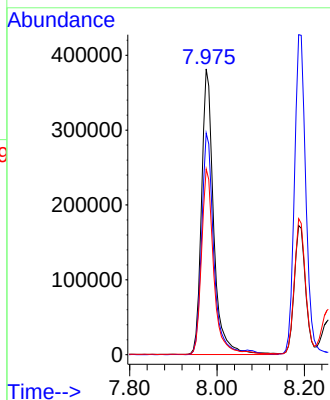
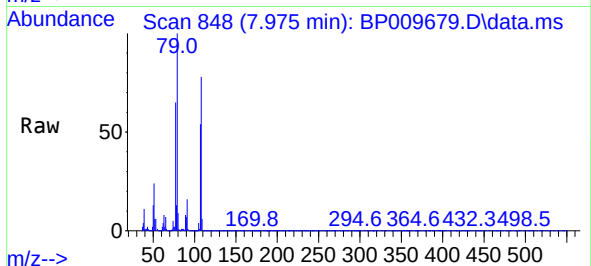
#15
Benzyl Alcohol
Concen: 49.837 ng
RT: 7.975 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 79 Resp: 73604
Ion Ratio Lower Upper
79 100
108 77.5 62.5 93.7
77 65.0 51.7 77.5

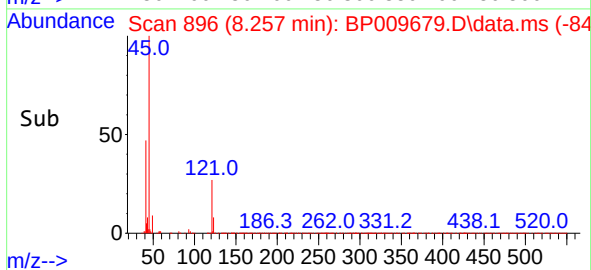
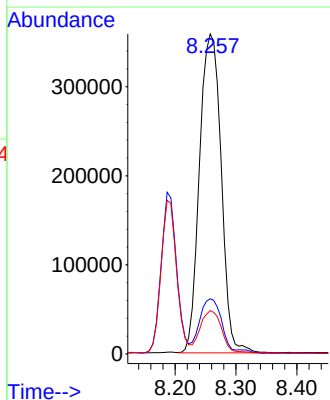
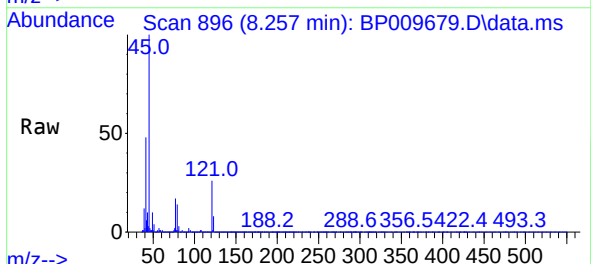
Manual Integrations
APPROVED

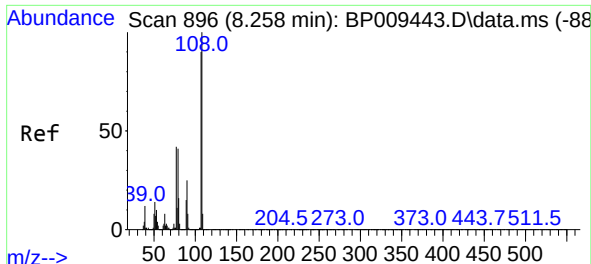
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.568 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion: 45 Resp: 885918
Ion Ratio Lower Upper
45 100
77 17.3 0.0 36.5
79 13.5 0.0 32.4





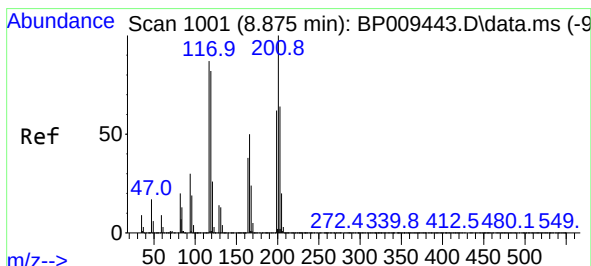
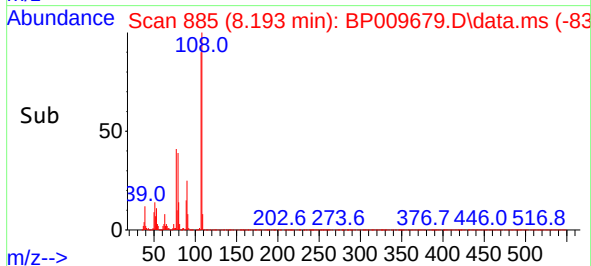
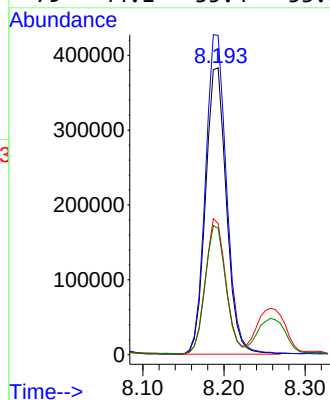
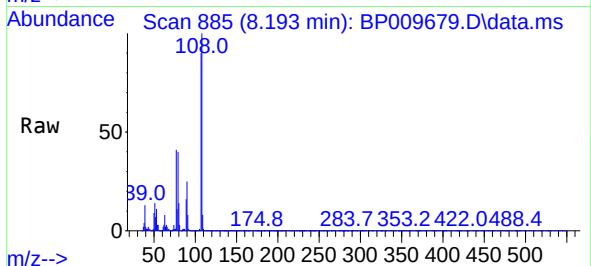
#17
2-Methylphenol
Concen: 53.429 ng
RT: 8.193 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:107 Resp: 684234
Ion Ratio Lower Upper
107 100
108 111.3 90.2 135.2
77 45.7 36.3 54.5
79 44.1 35.4 53.0

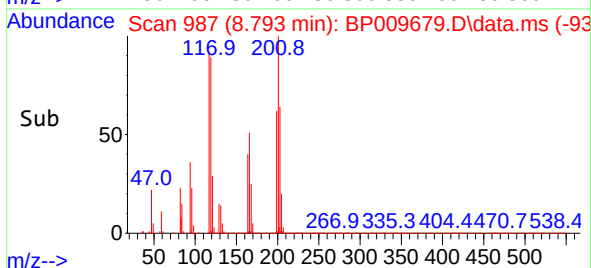
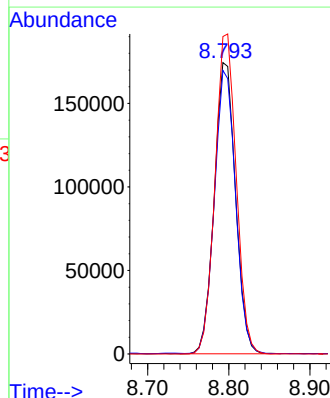
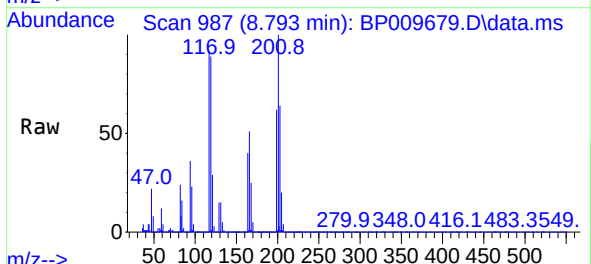
Manual Integrations
APPROVED

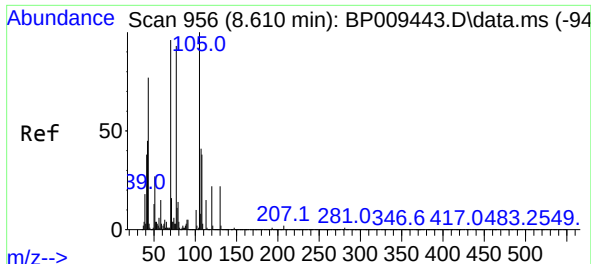
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#18
Hexachloroethane
Concen: 50.222 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

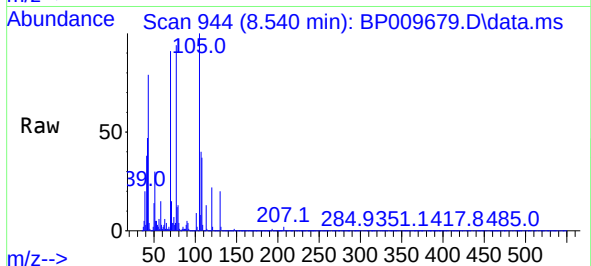
Tgt Ion:117 Resp: 317234
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6
201 109.0 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 50.682 ng
RT: 8.540 min Scan# 94
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

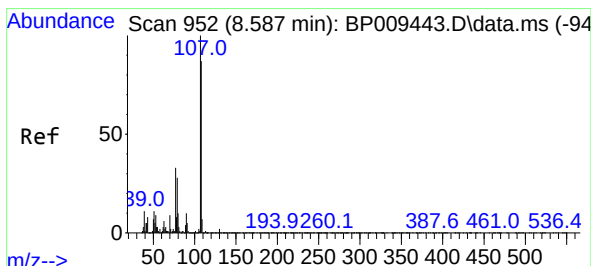
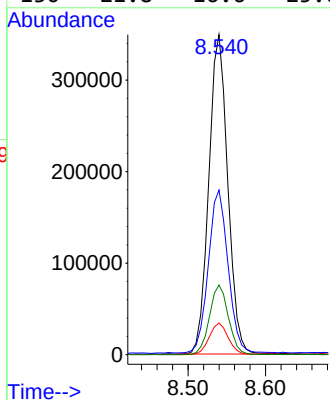
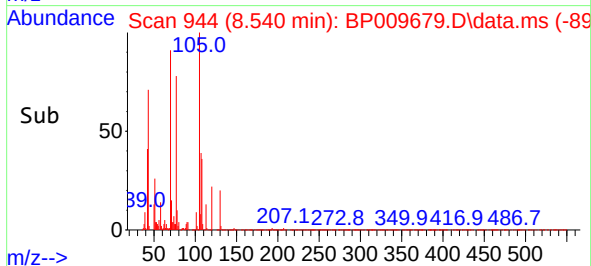
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



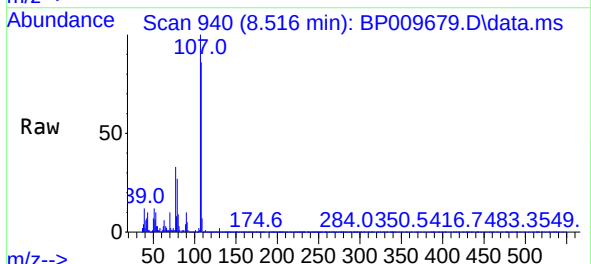
Tgt Ion: 70 Resp: 59381
Ion Ratio Lower Upper
70 100
42 51.5 41.0 61.4
101 9.9 7.9 11.9
130 21.8 16.6 25.0

Manual Integrations
APPROVED

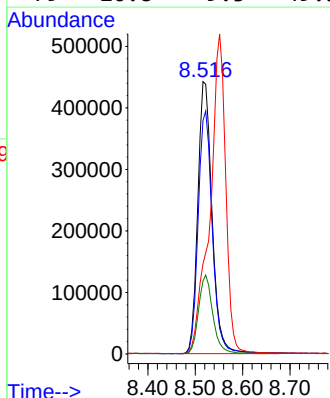
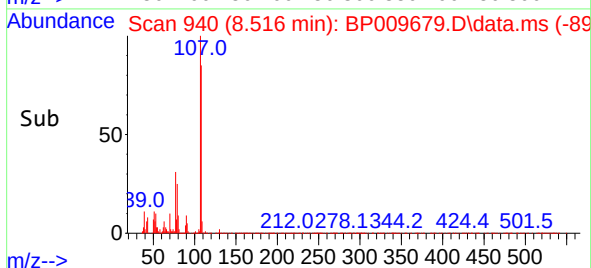
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

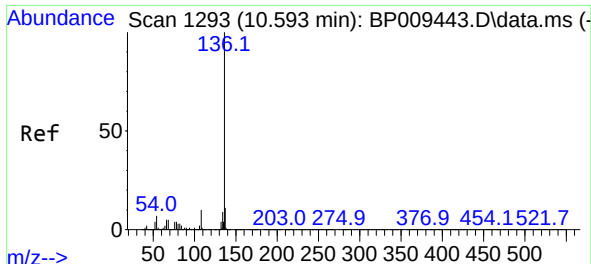


#20
3+4-Methylphenols
Concen: 52.541 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion: 107 Resp: 925197
Ion Ratio Lower Upper
107 100
108 85.7 69.4 109.4
77 33.2 13.6 53.6
79 26.8 9.3 49.3





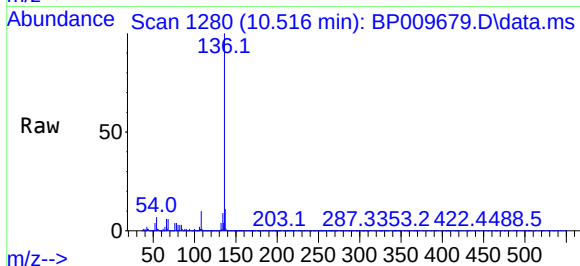
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 10
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMS

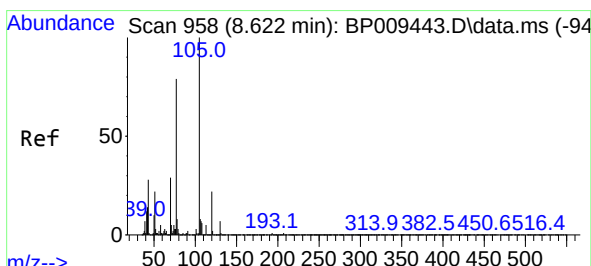
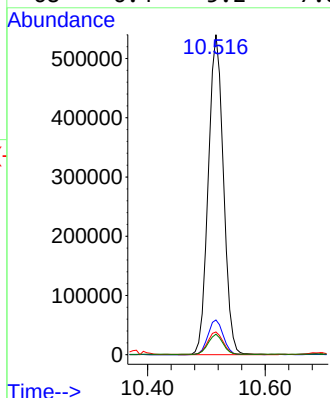
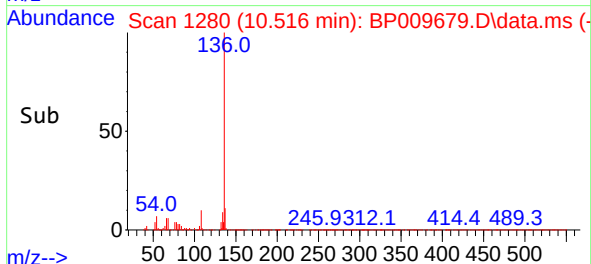


Tgt Ion:136 Resp: 966258
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 5.8 8.8
68 6.4 5.2 7.8

Manual Integrations

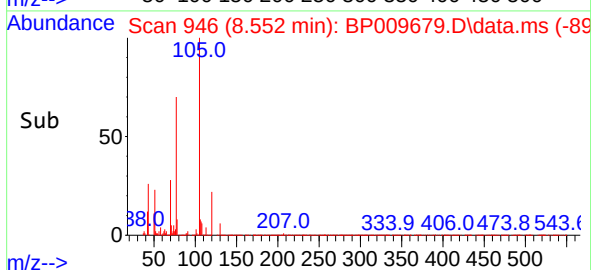
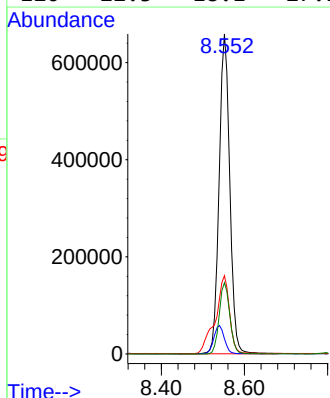
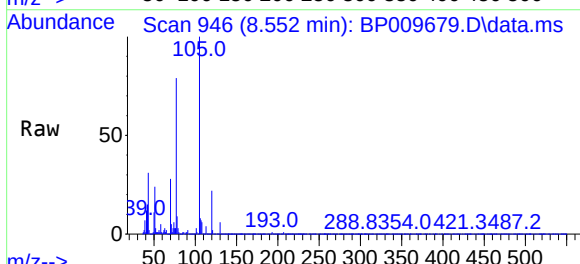
APPROVED

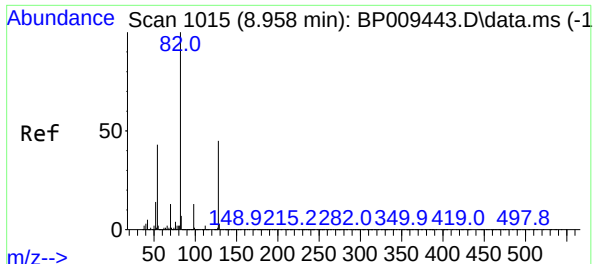
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#22
Acetophenone
Concen: 48.982 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:105 Resp: 1171425
Ion Ratio Lower Upper
105 100
71 4.8 5.5 8.3#
51 24.4 18.9 28.3
120 22.3 18.1 27.1





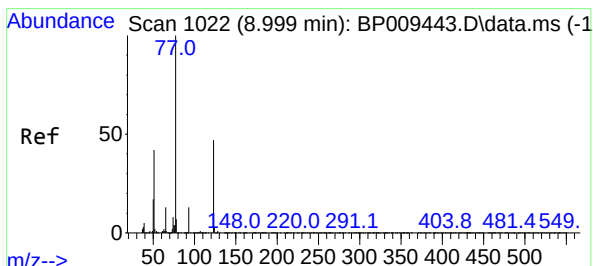
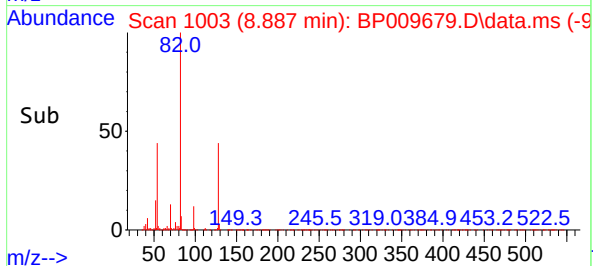
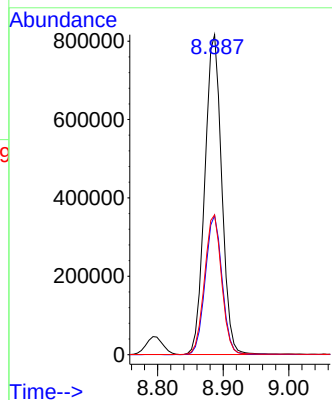
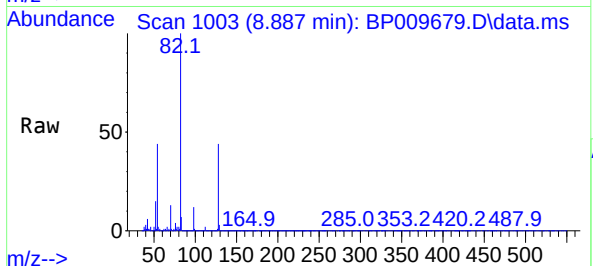
#23
Nitrobenzene-d5
Concen: 80.502 ng
RT: 8.887 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 82 Resp: 1463769
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 43.7 34.7 52.1

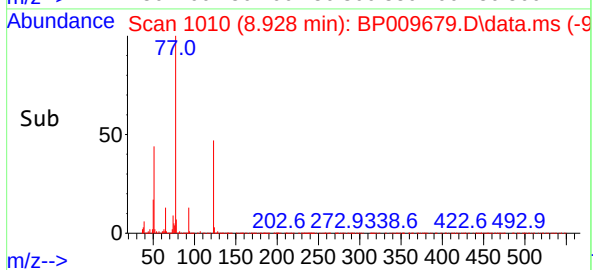
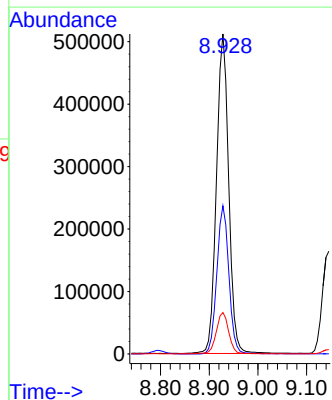
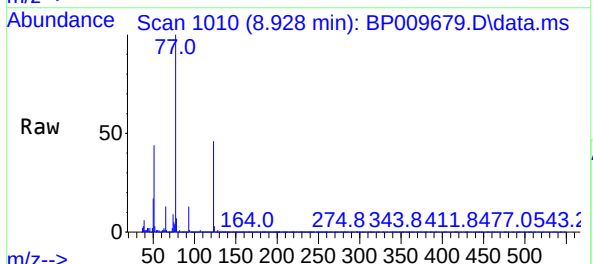
Manual Integrations
APPROVED

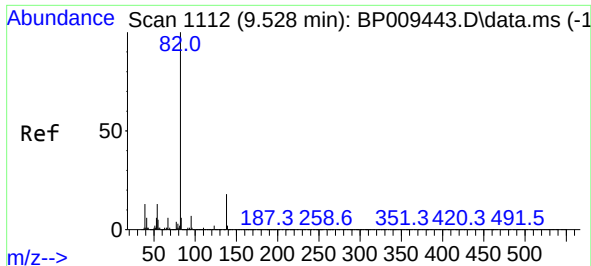
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#24
Nitrobenzene
Concen: 51.913 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion: 77 Resp: 891704
Ion Ratio Lower Upper
77 100
123 46.3 35.5 53.3
65 13.0 10.3 15.5





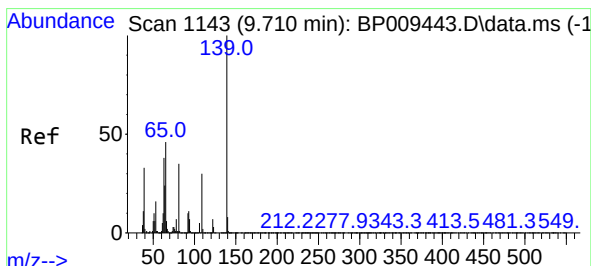
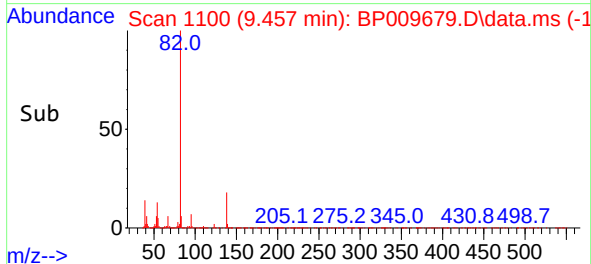
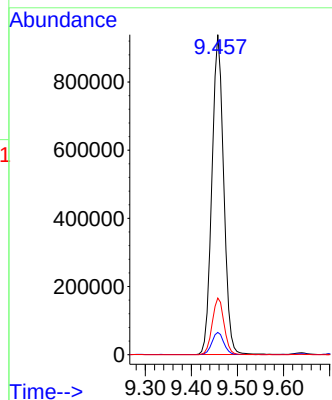
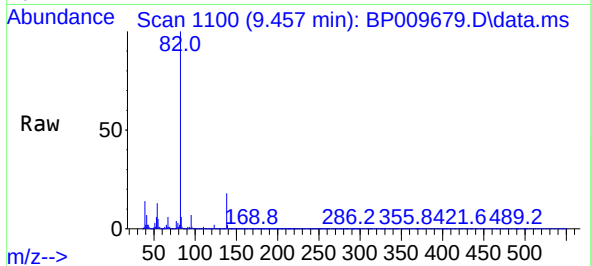
#25
Isophorone
Concen: 53.807 ng
RT: 9.457 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 82 Resp: 1668860
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.7 13.8 20.8

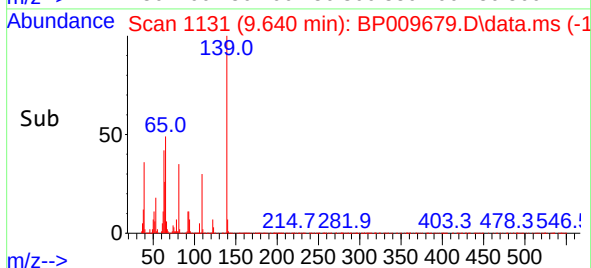
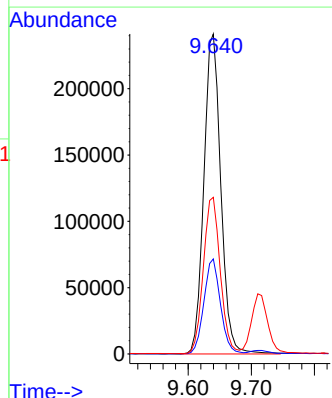
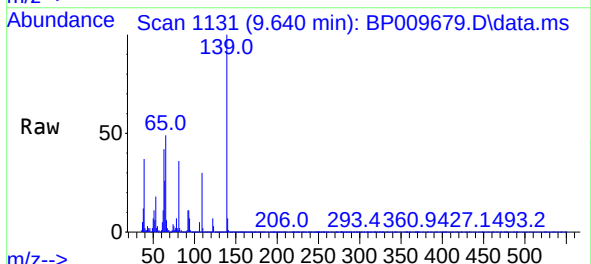
Manual Integrations
APPROVED

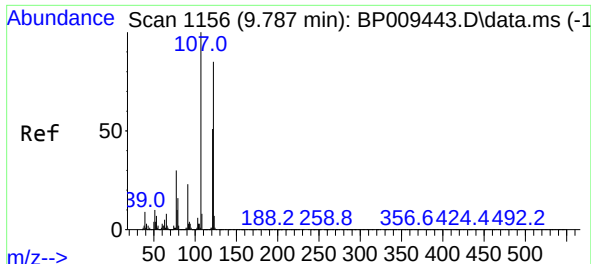
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#26
2-Nitrophenol
Concen: 50.232 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:139 Resp: 449742
Ion Ratio Lower Upper
139 100
109 29.7 23.4 35.0
65 48.9 41.0 61.6





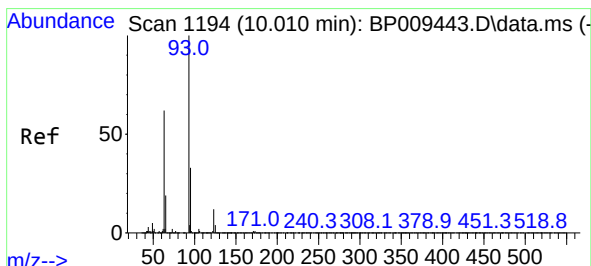
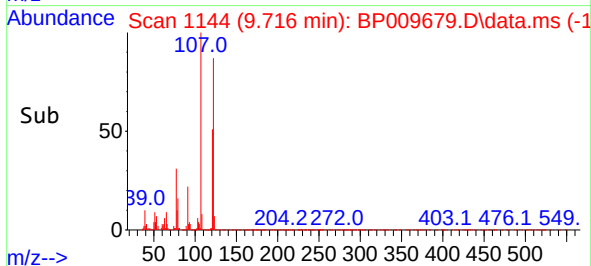
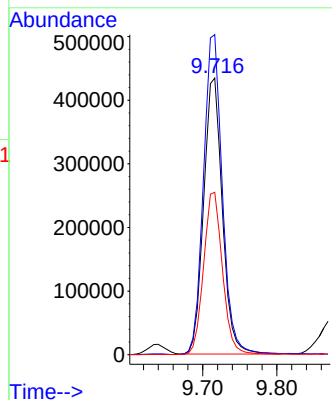
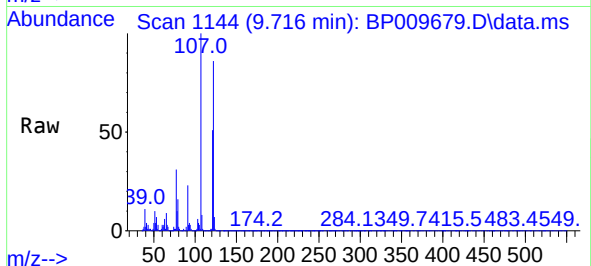
#27
2,4-Dimethylphenol
Concen: 60.251 ng
RT: 9.716 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:122 Resp: 761198
Ion Ratio Lower Upper
122 100
107 115.7 92.6 138.8
121 58.7 46.7 70.1

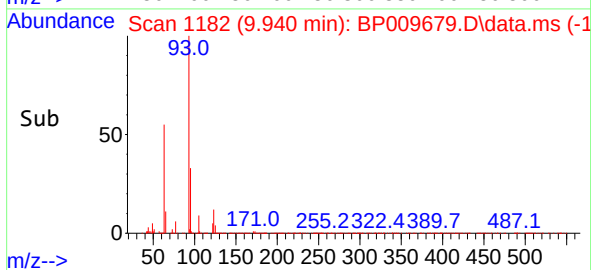
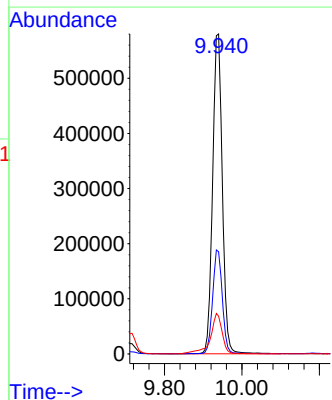
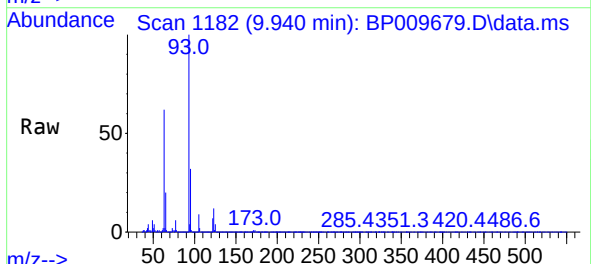
Manual Integrations
APPROVED

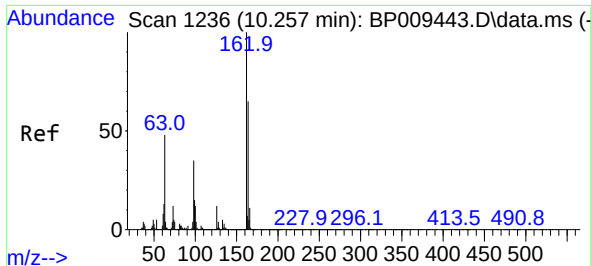
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.966 ng
RT: 9.940 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

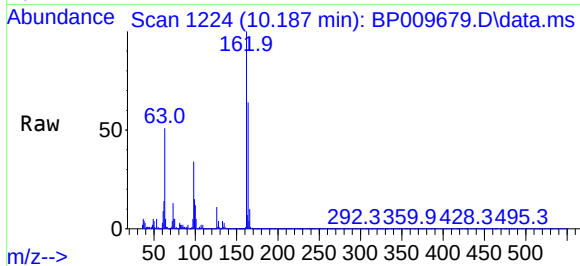
Tgt Ion: 93 Resp: 1009045
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 11.8 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 50.585 ng
RT: 10.187 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

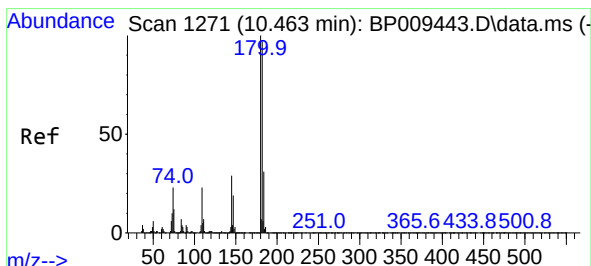
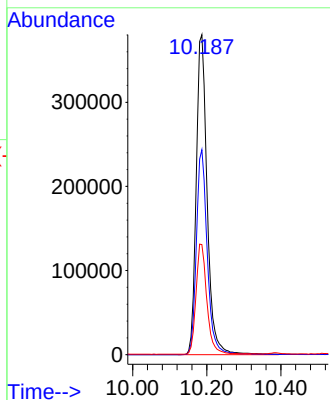
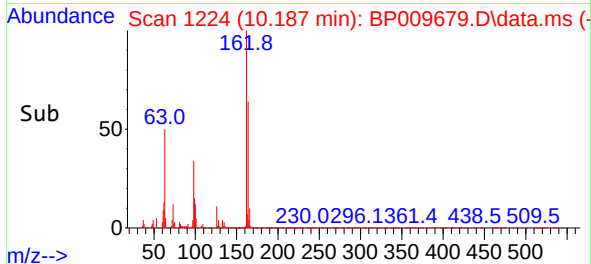
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:162 Resp: 77953
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 34.4 15.6 55.6

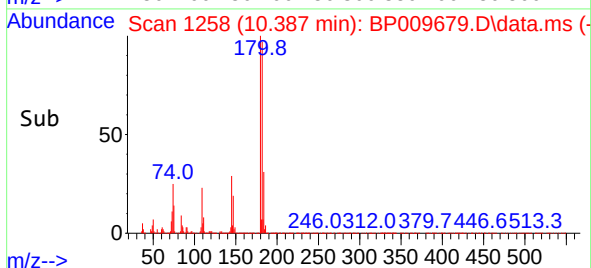
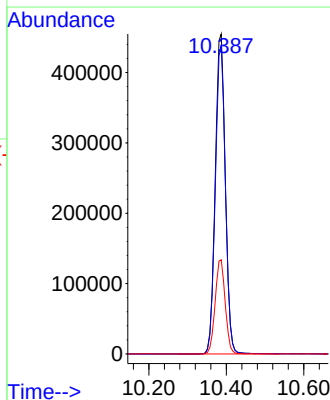
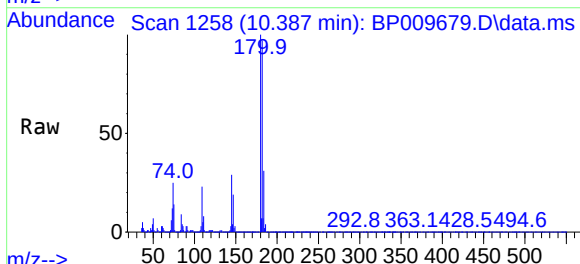
Manual Integrations
APPROVED

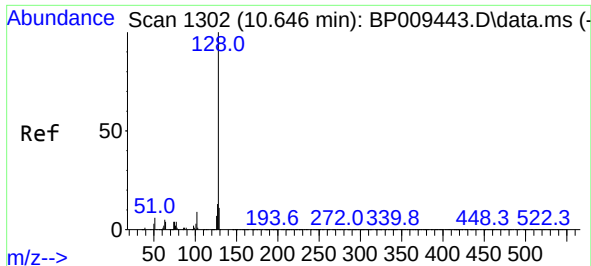
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#30
1,2,4-Trichlorobenzene
Concen: 45.882 ng
RT: 10.387 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:180 Resp: 819190
Ion Ratio Lower Upper
180 100
182 96.6 76.4 114.6
145 29.5 23.8 35.6





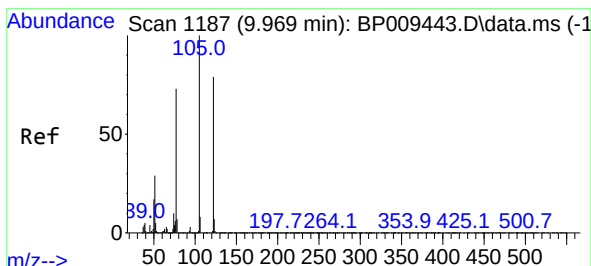
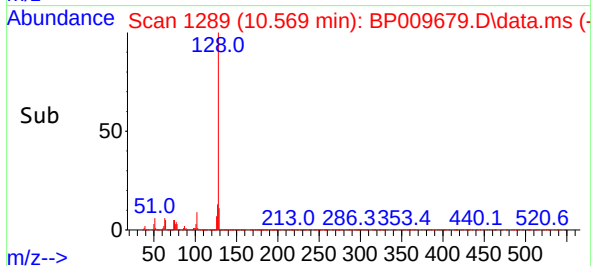
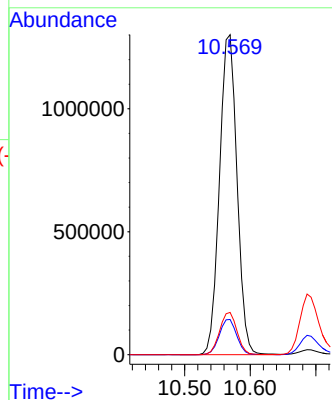
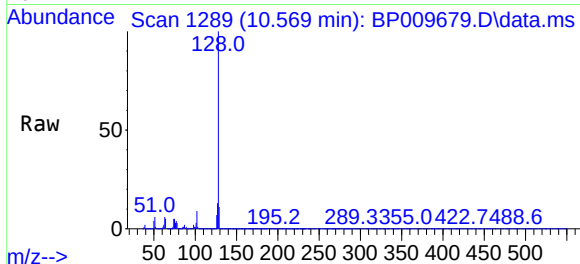
#31
Naphthalene
Concen: 48.313 ng
RT: 10.569 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:128 Resp: 2404614
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.5 15.7

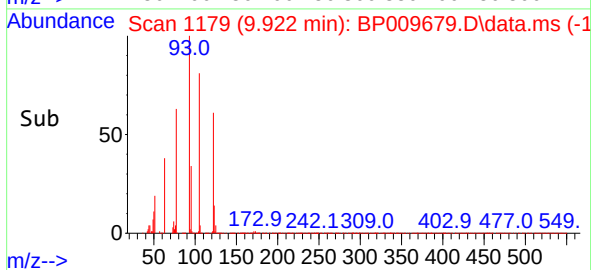
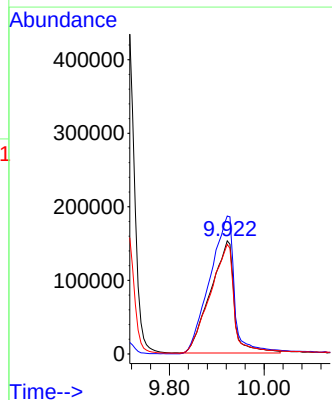
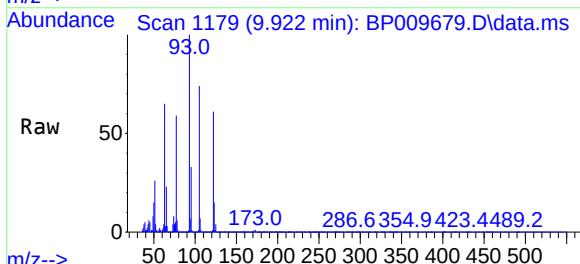
Manual Integrations
APPROVED

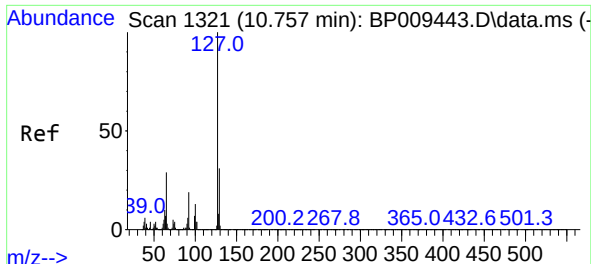
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#32
Benzoic acid
Concen: 54.075 ng
RT: 9.922 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:122 Resp: 534120
Ion Ratio Lower Upper
122 100
105 121.9 110.5 150.5
77 97.0 79.9 119.9





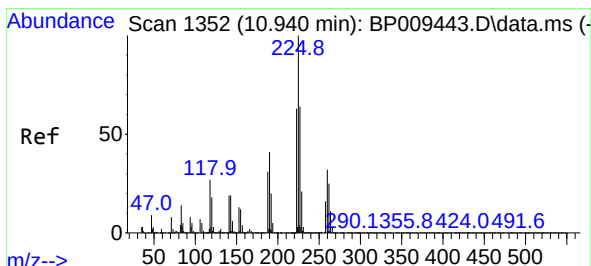
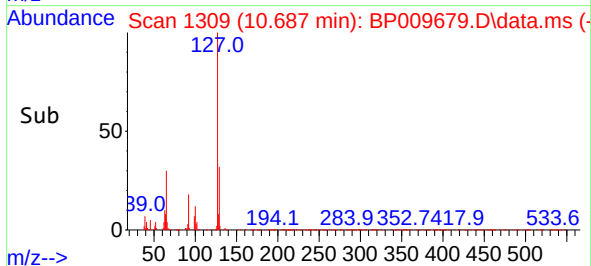
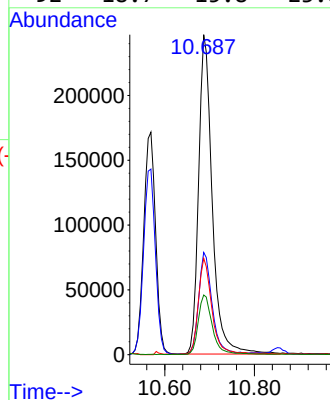
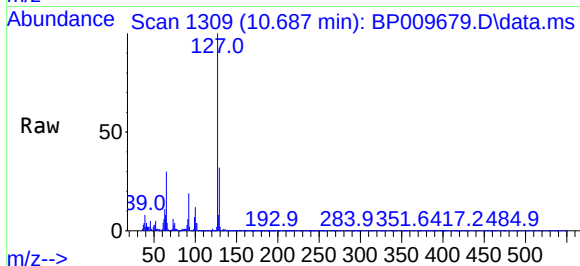
#33
4-Chloroaniline
Concen: 25.638 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:	127	Resp:	52071
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.5	38.3
65	30.1	24.3	36.5
92	18.7	15.8	23.8

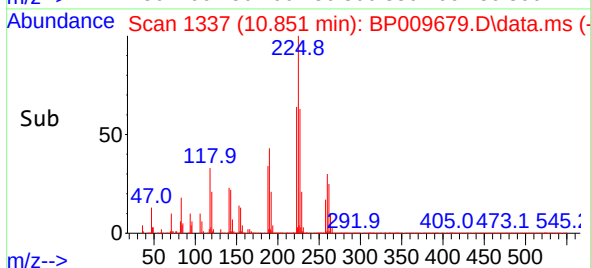
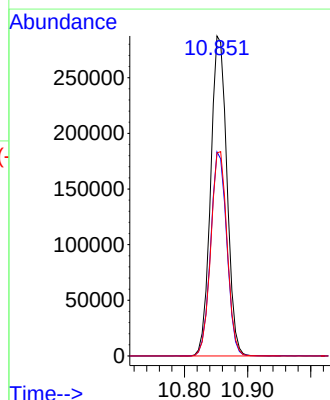
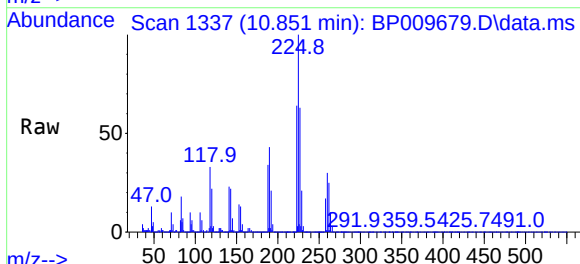
Manual Integrations
APPROVED

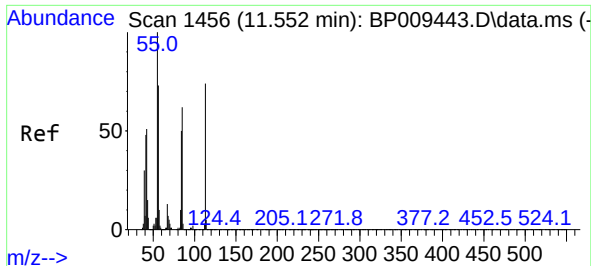
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#34
Hexachlorobutadiene
Concen: 42.412 ng
RT: 10.851 min Scan# 1337
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:	225	Resp:	513073
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.5	75.7
227	63.4	51.2	76.8





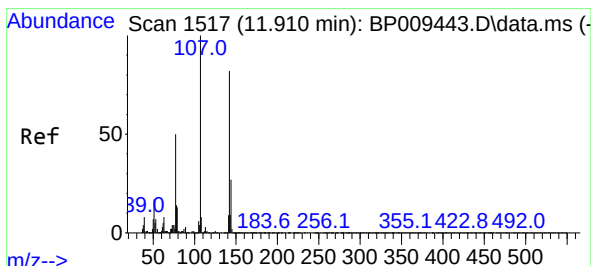
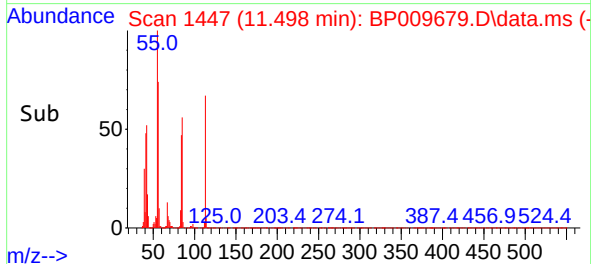
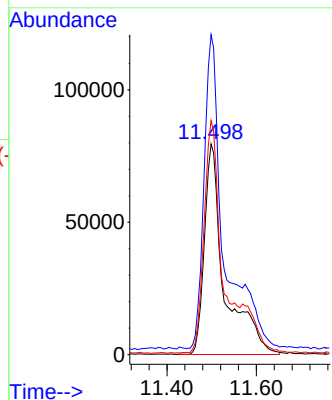
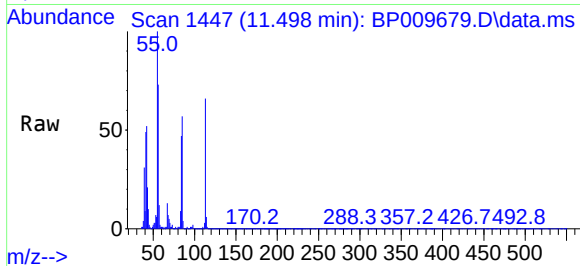
#35
Caprolactam
Concen: 48.112 ng m
RT: 11.498 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:113 Resp: 25022
Ion Ratio Lower Upper
113 100
55 151.8 128.4 168.4
56 111.1 90.9 130.9

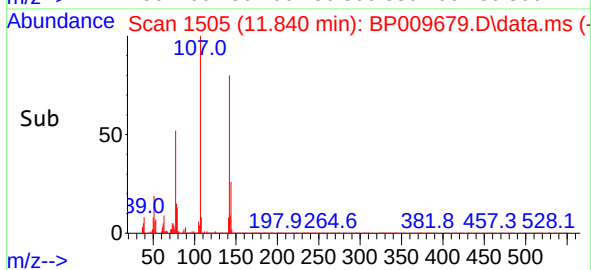
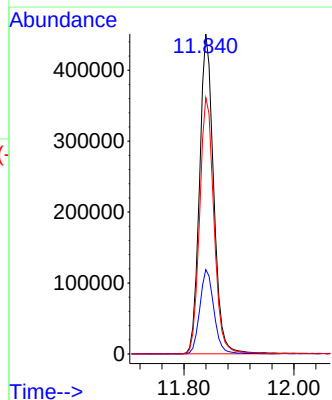
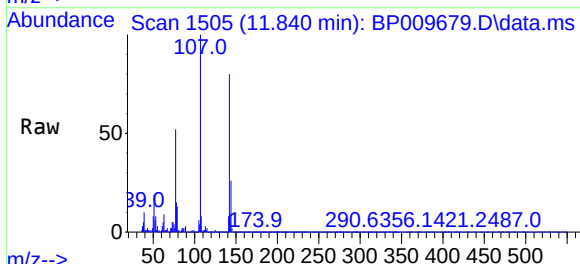
Manual Integrations
APPROVED

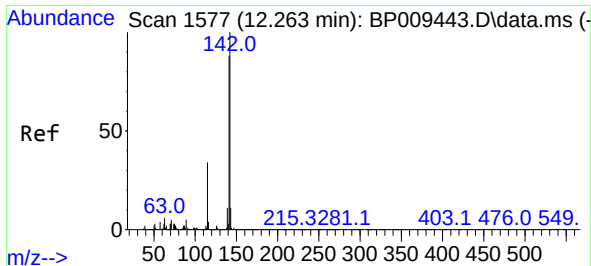
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#36
4-Chloro-3-methylphenol
Concen: 48.572 ng
RT: 11.840 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:107 Resp: 804329
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 80.1 64.9 97.3





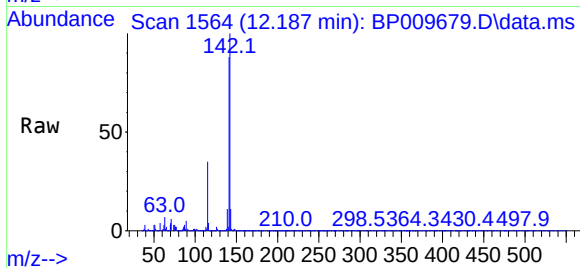
#37
2-Methylnaphthalene
Concen: 47.856 ng
RT: 12.187 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMS

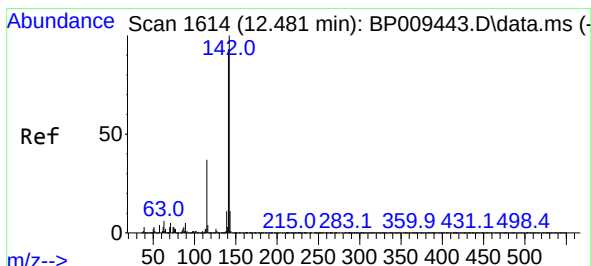
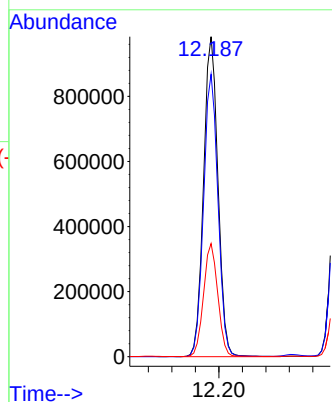
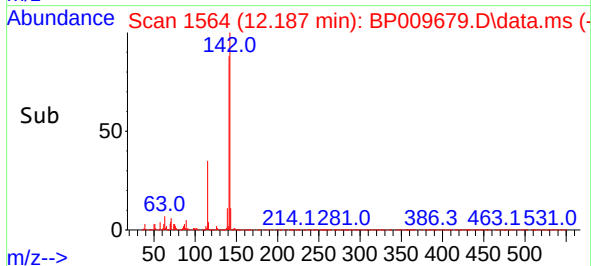


Tgt Ion:142 Resp: 1671204
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 35.4 27.4 41.2

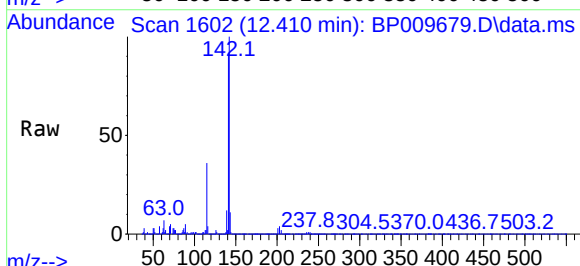
Manual Integrations

APPROVED

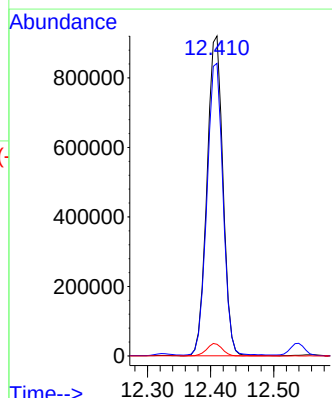
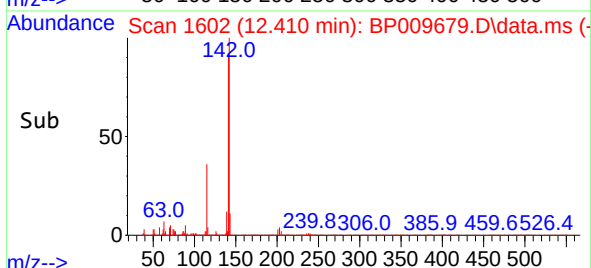
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

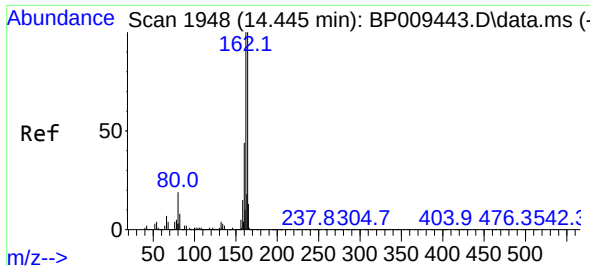


#38
1-Methylnaphthalene
Concen: 47.294 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



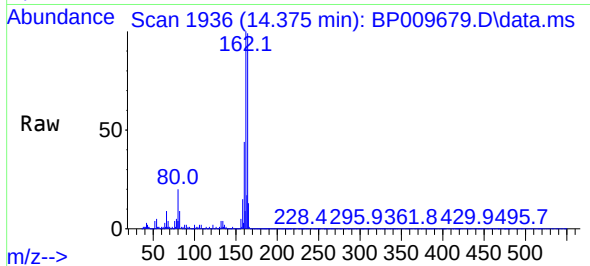
Tgt Ion:142 Resp: 1608944
Ion Ratio Lower Upper
142 100
141 91.5 73.5 110.3
116 3.6 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

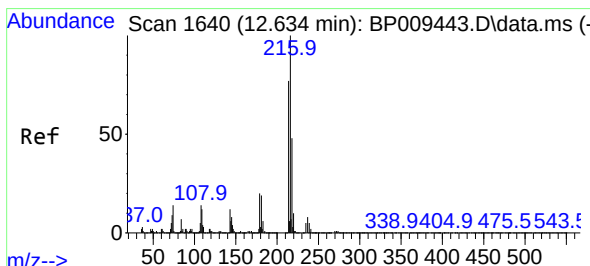
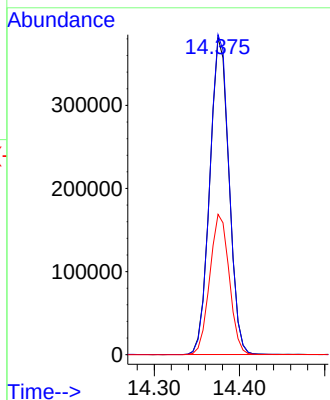
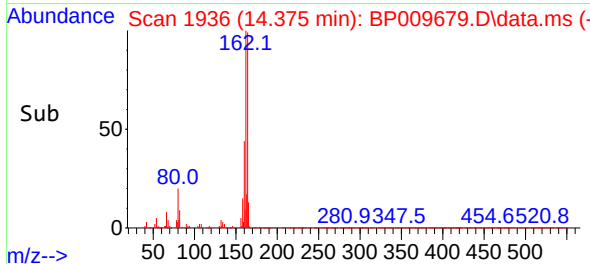
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



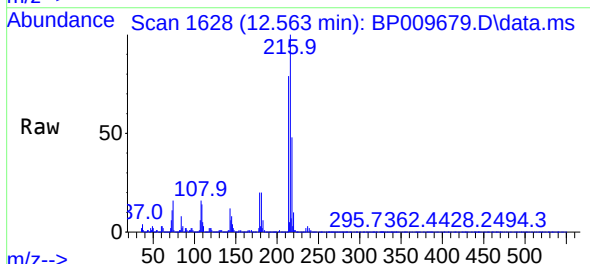
Tgt Ion:164 Resp: 598307
Ion Ratio Lower Upper
164 100
162 101.0 79.1 118.7
160 44.3 34.9 52.3

Manual Integrations
APPROVED

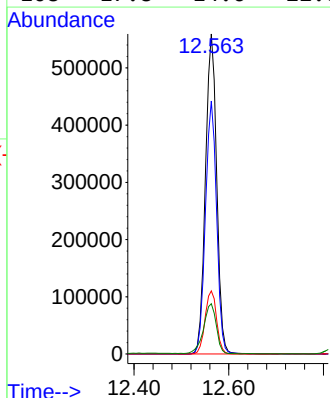
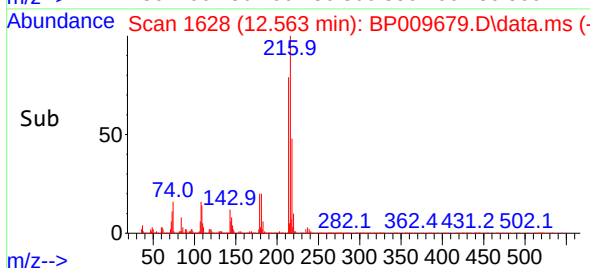
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

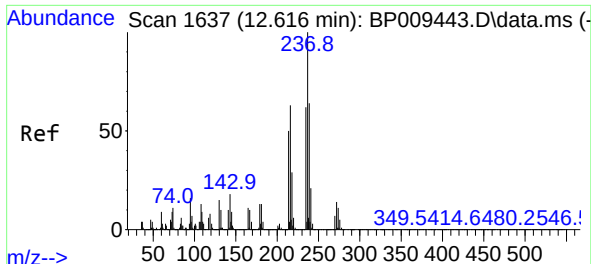


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.230 ng
RT: 12.563 min Scan# 1628
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion:216 Resp: 917726
Ion Ratio Lower Upper
216 100
214 78.6 62.3 93.5
179 20.2 16.8 25.2
108 17.8 14.6 22.0





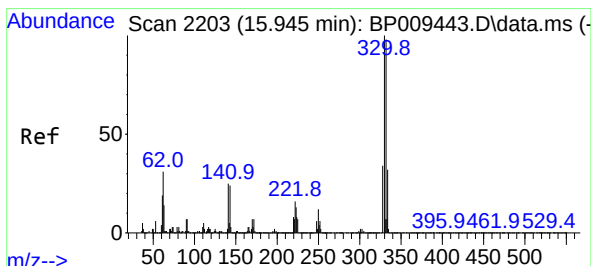
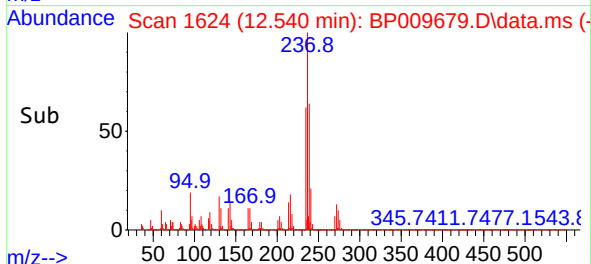
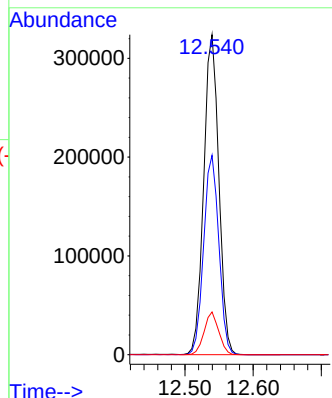
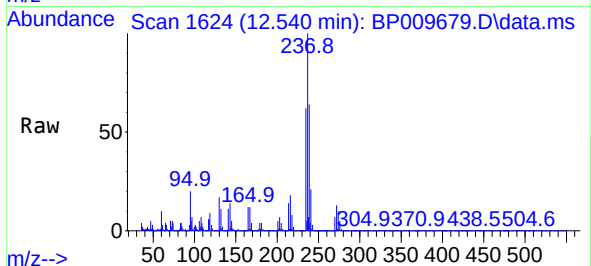
#41
Hexachlorocyclopentadiene
Concen: 59.728 ng
RT: 12.540 min Scan# 10
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion: 237 Resp: 49855
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 13.4 0.0 32.8

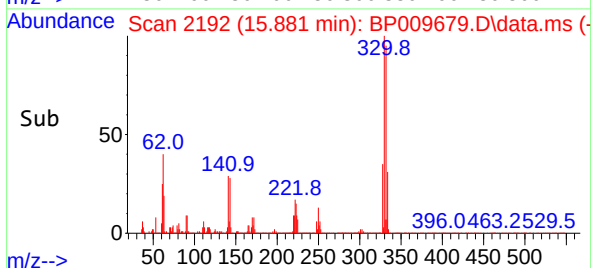
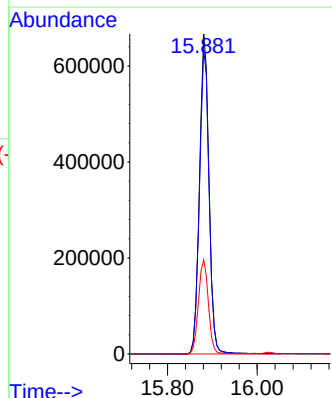
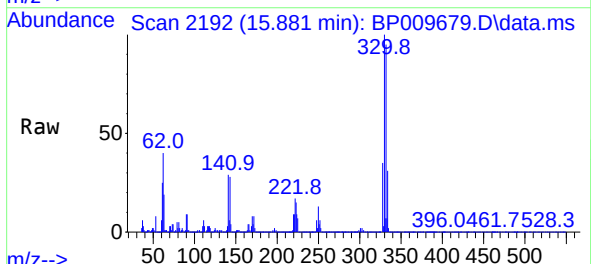
Manual Integrations
APPROVED

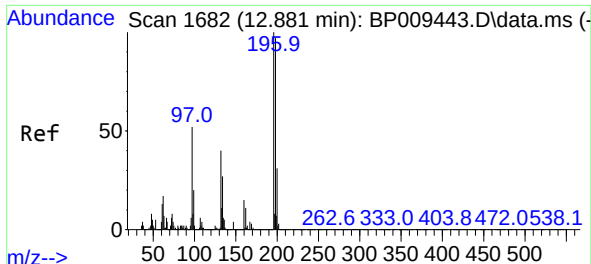
Reviewed By : Christian Giraldo 04/05/2022
Supervised By : Jagrut Upadhyay 04/05/2022



#42
2,4,6-Tribromophenol
Concen: 99.372 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion: 330 Resp: 981111
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.6 27.6 41.4





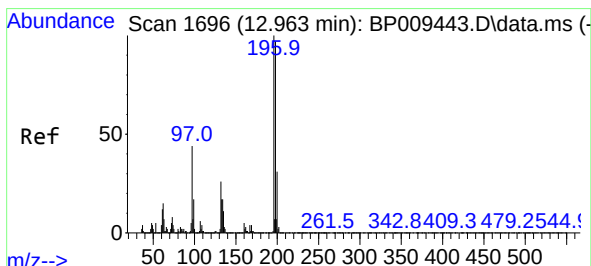
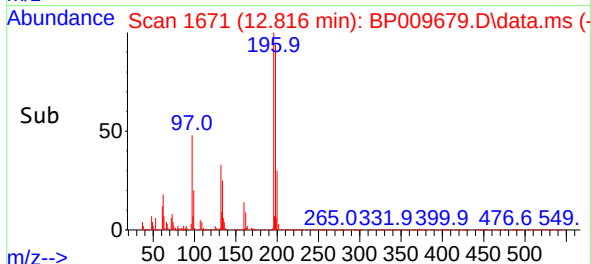
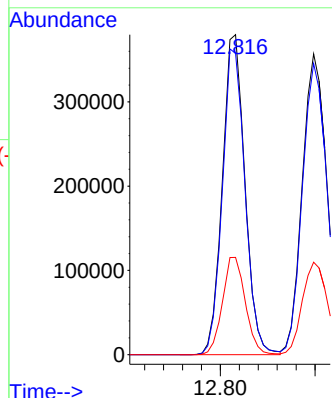
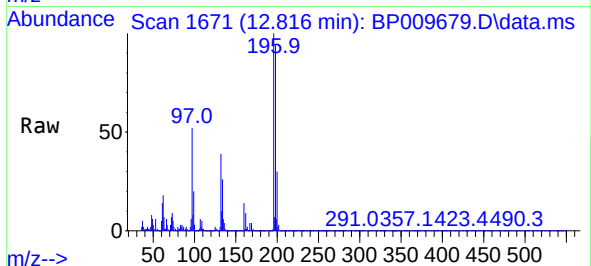
#43
2,4,6-Trichlorophenol
Concen: 47.814 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:196 Resp: 62913
Ion Ratio Lower Upper
196 100
198 94.1 76.2 114.4
200 30.4 24.4 36.6

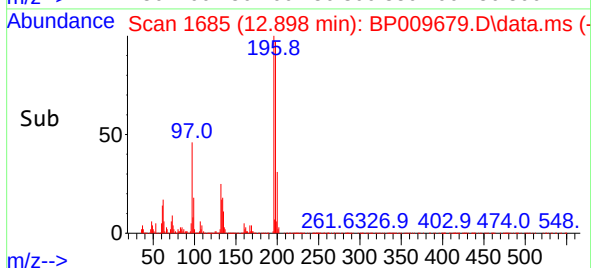
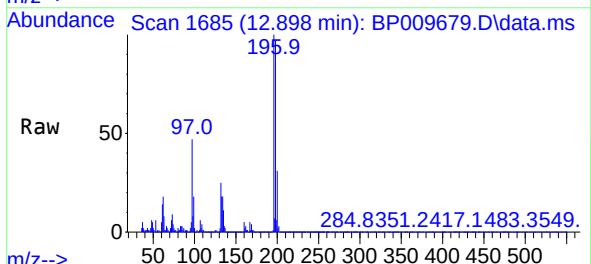
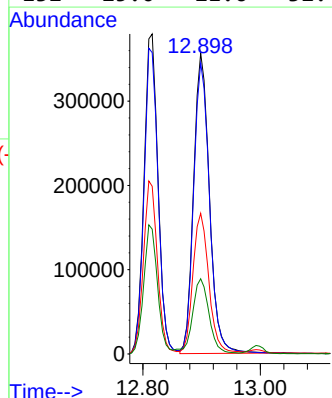
Manual Integrations
APPROVED

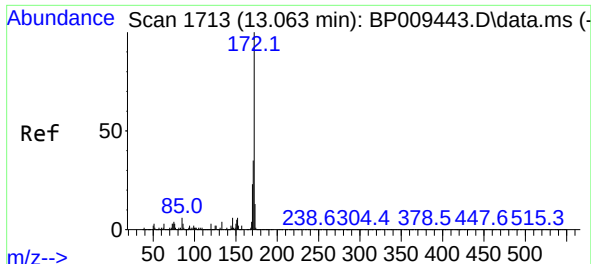
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#44
2,4,5-Trichlorophenol
Concen: 46.805 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:196 Resp: 668766
Ion Ratio Lower Upper
196 100
198 96.7 76.6 114.8
97 46.7 38.3 57.5
132 25.0 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 74.287 ng
RT: 12.993 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

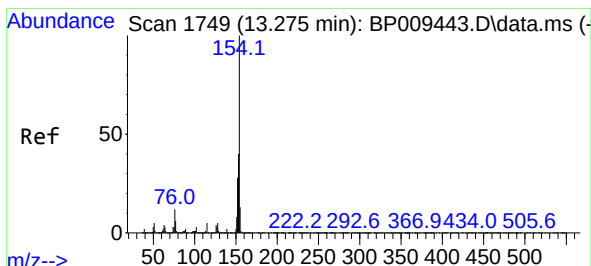
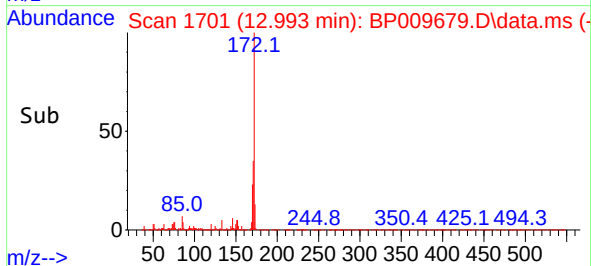
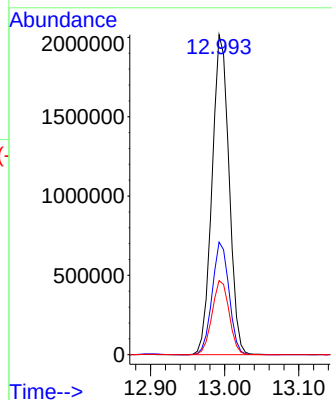
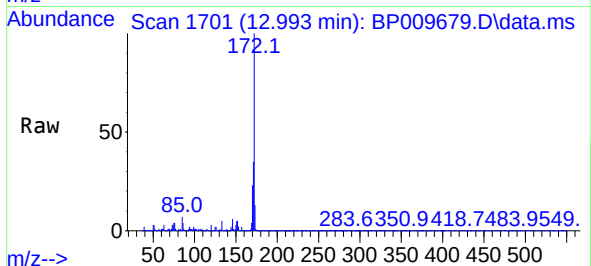
SOIL-DRUMMS

Tgt Ion:172 Resp: 320616
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.2 18.6 27.8

Manual Integrations

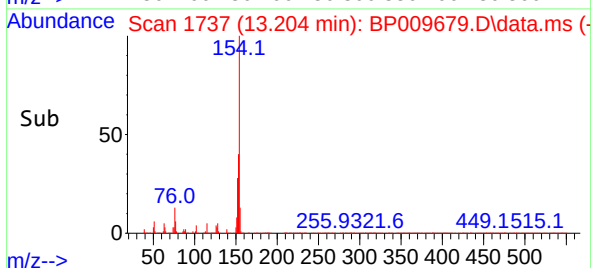
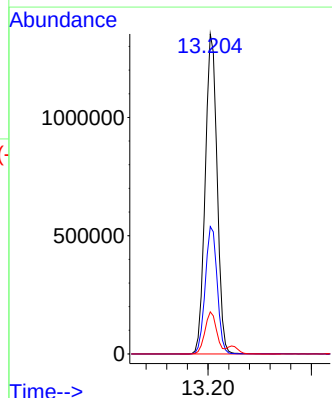
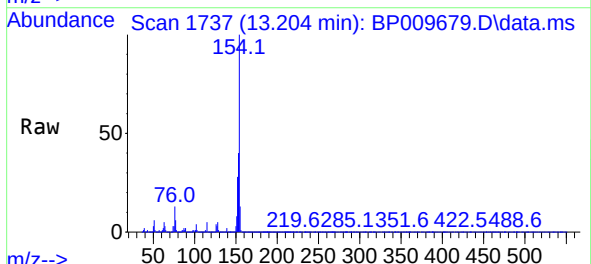
APPROVED

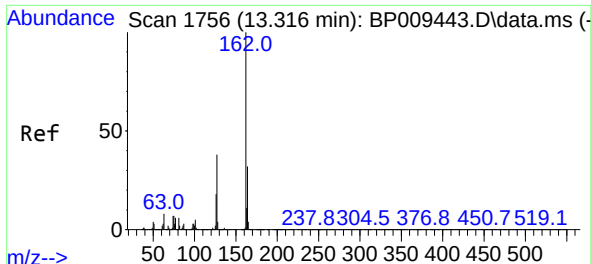
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#46
1,1'-Biphenyl
Concen: 48.320 ng
RT: 13.204 min Scan# 1737
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

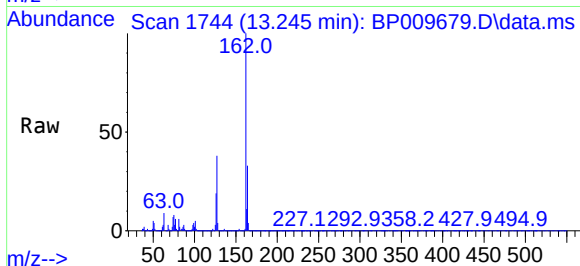
Tgt Ion:154 Resp: 2156738
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 13.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 47.921 ng
RT: 13.245 min Scan# 1756
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

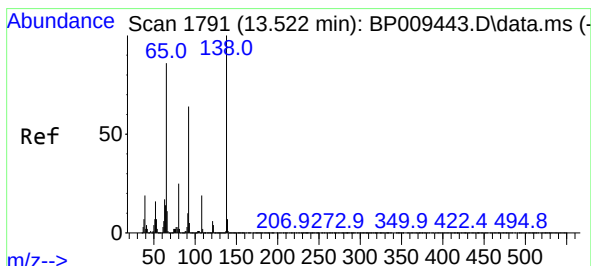
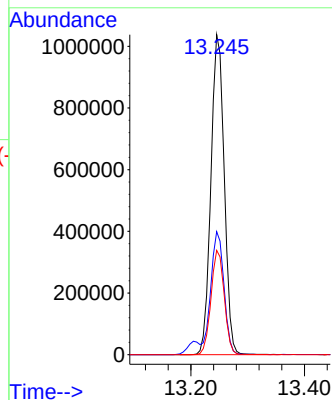
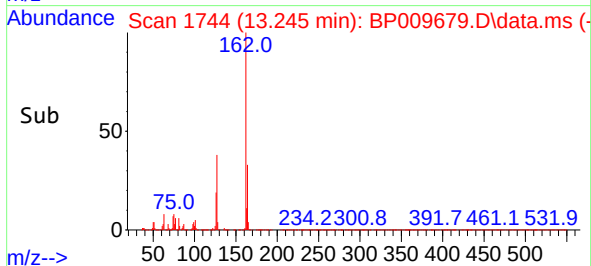
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



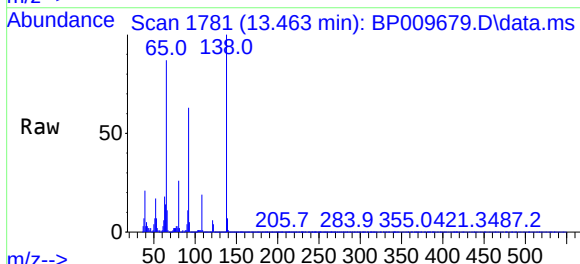
Tgt Ion: 162 Resp: 168397
Ion Ratio Lower Upper
162 100
127 38.4 30.8 46.2
164 32.6 26.3 39.5

Manual Integrations
APPROVED

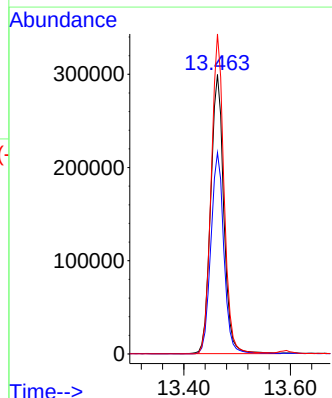
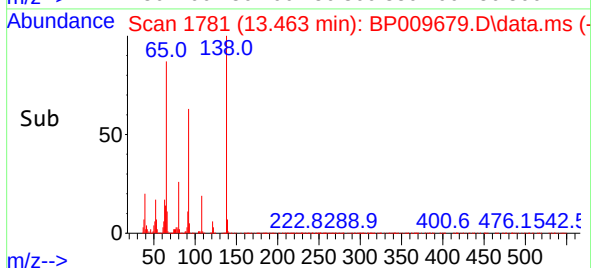
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

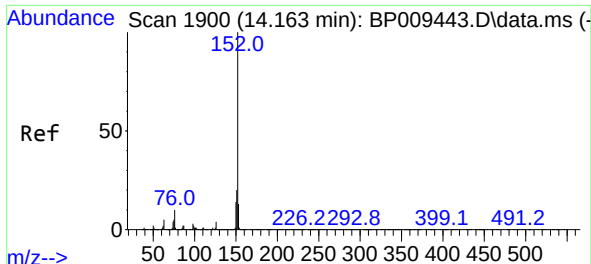


#48
2-Nitroaniline
Concen: 53.378 ng
RT: 13.463 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion: 65 Resp: 510871
Ion Ratio Lower Upper
65 100
92 72.1 56.9 85.3
138 114.6 89.3 133.9





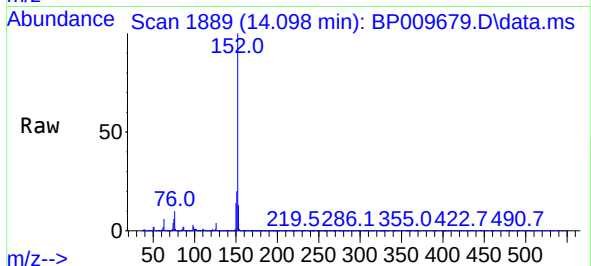
#49
Acenaphthylene
Concen: 51.688 ng
RT: 14.098 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

SOIL-DRUMMS

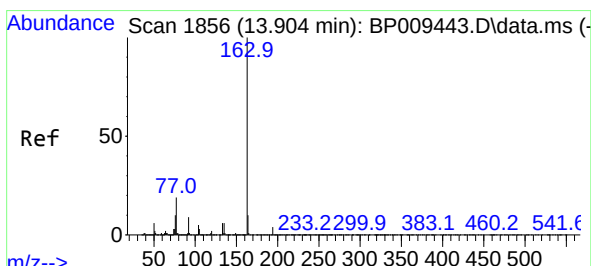
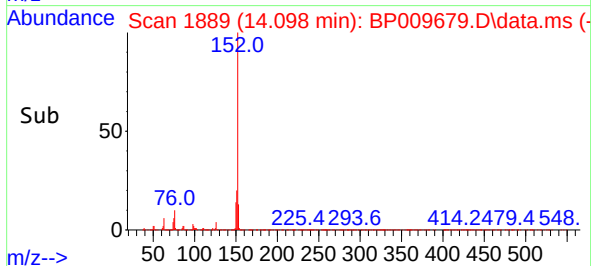
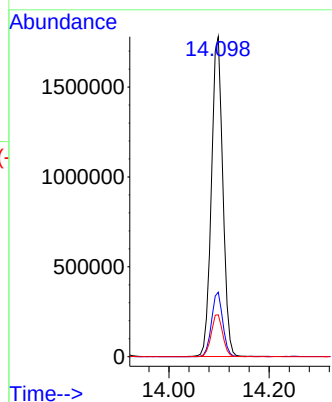


Tgt Ion:152 Resp: 2803974
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.7 16.1

Manual Integrations

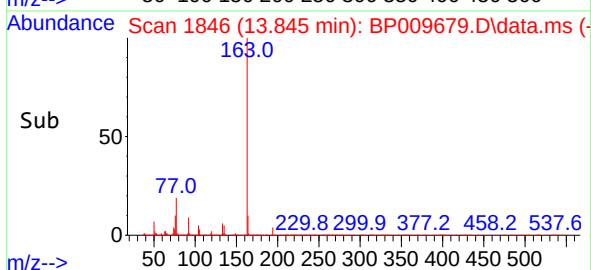
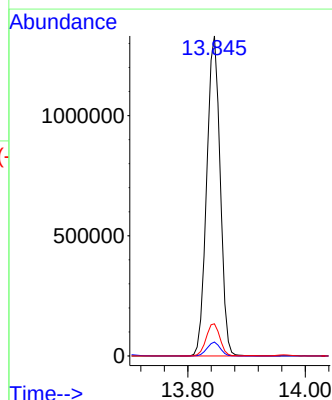
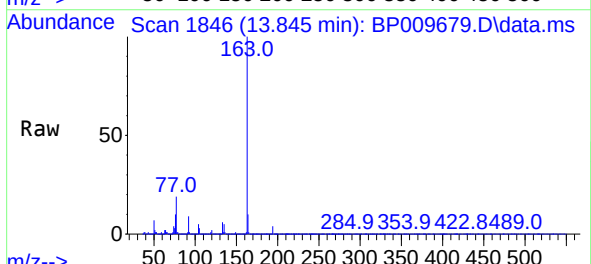
APPROVED

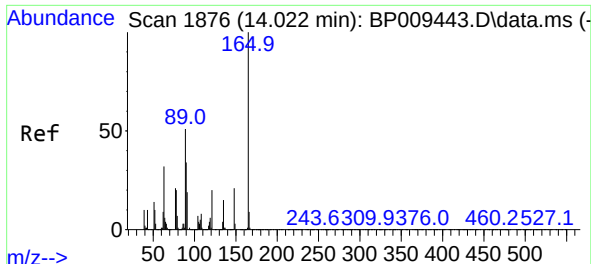
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#50
Dimethylphthalate
Concen: 46.479 ng
RT: 13.845 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

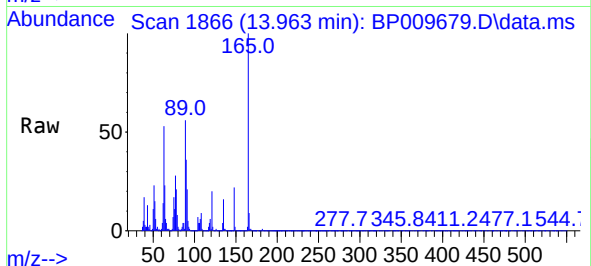
Tgt Ion:163 Resp: 2107157
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.368 ng
RT: 13.963 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

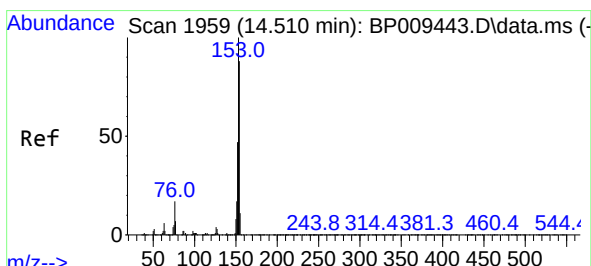
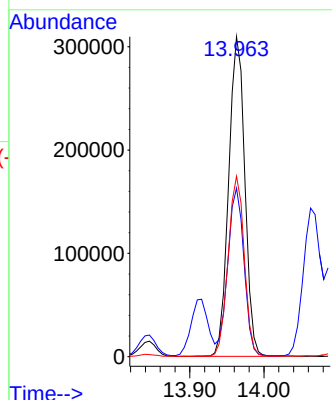
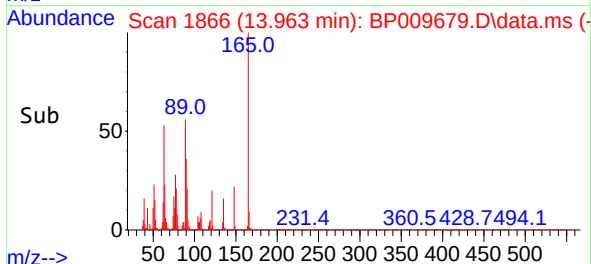
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:165 Resp: 468930
Ion Ratio Lower Upper
165 100
63 52.7 40.9 61.3
89 56.4 43.4 65.2

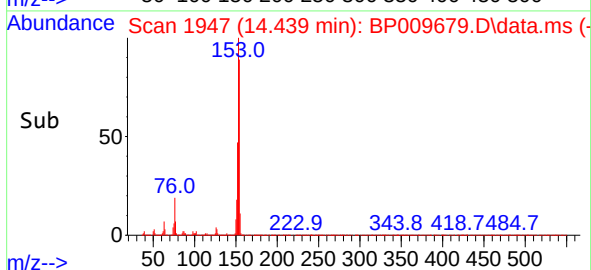
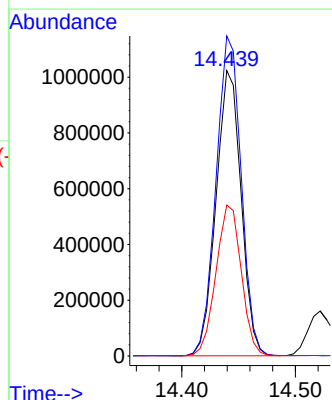
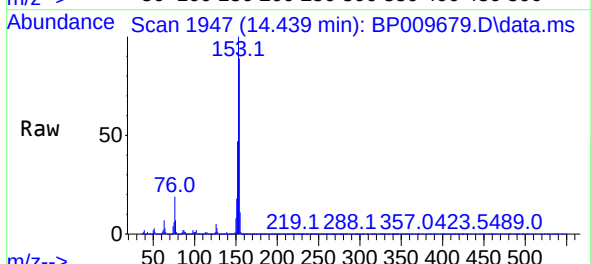
Manual Integrations
APPROVED

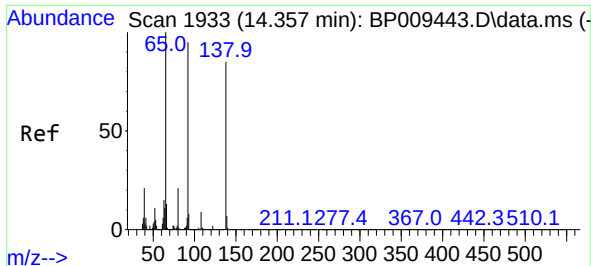
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#52
Acenaphthene
Concen: 48.423 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:154 Resp: 1569147
Ion Ratio Lower Upper
154 100
153 112.1 90.2 135.4
152 52.9 42.7 64.1





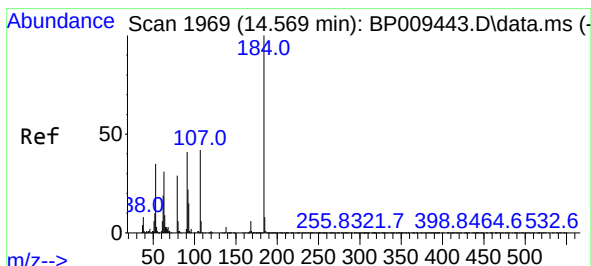
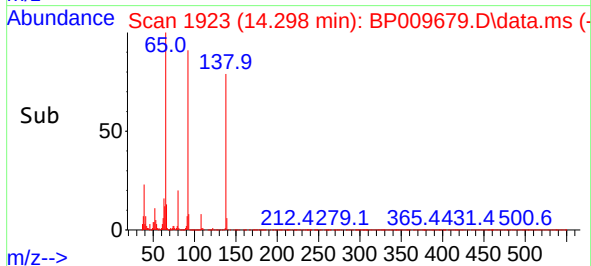
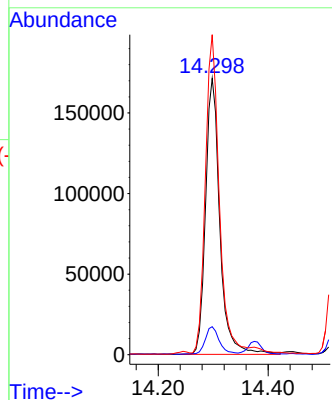
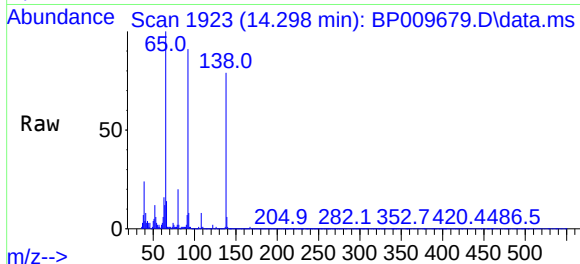
#53
3-Nitroaniline
Concen: 30.649 ng
RT: 14.298 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:138 Resp: 307502
Ion Ratio Lower Upper
138 100
108 10.1 9.7 14.5
92 115.8 94.4 141.6

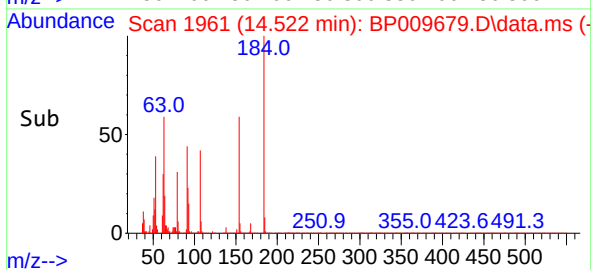
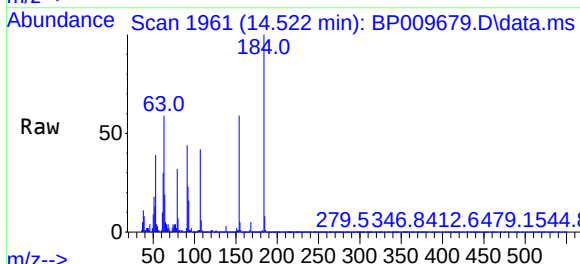
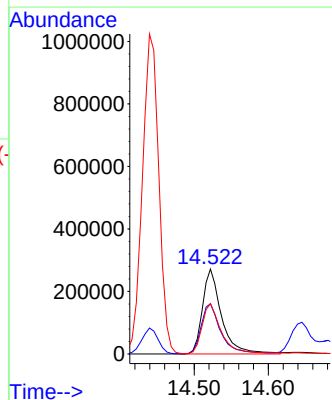
Manual Integrations
APPROVED

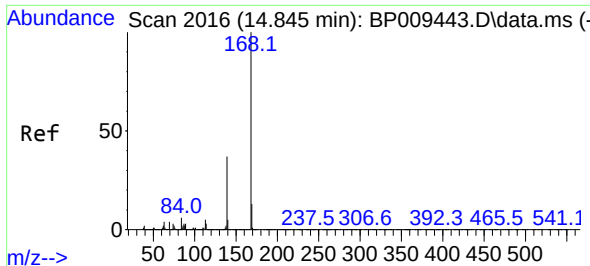
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#54
2,4-Dinitrophenol
Concen: 81.835 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

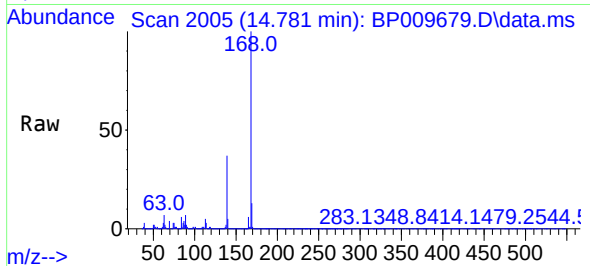
Tgt Ion:184 Resp: 483671
Ion Ratio Lower Upper
184 100
63 59.1 46.3 69.5
154 59.3 45.8 68.6





#55
Dibenzenofuran
Concen: 46.207 ng
RT: 14.781 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

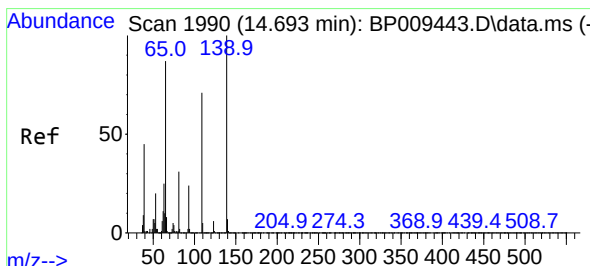
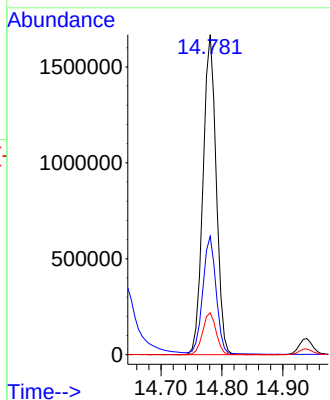
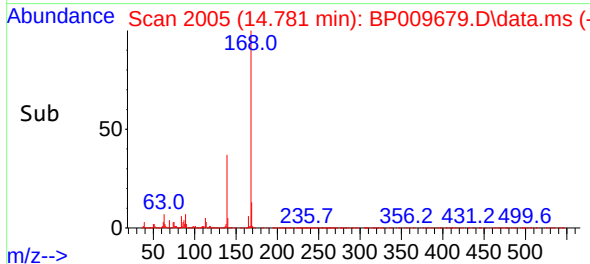
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



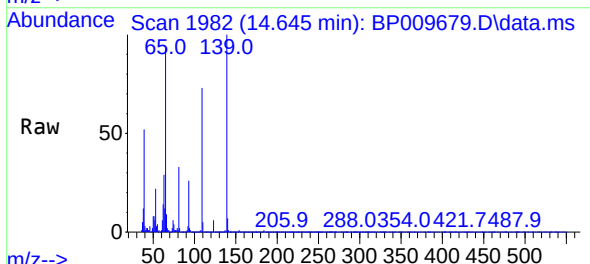
Tgt Ion:168 Resp: 2515549
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7
169 13.1 10.6 16.0

Manual Integrations
APPROVED

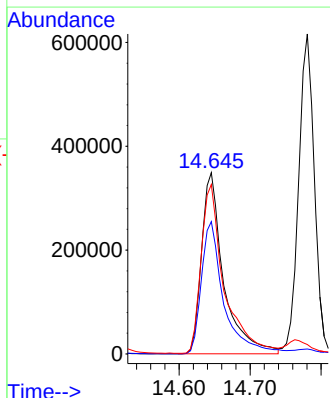
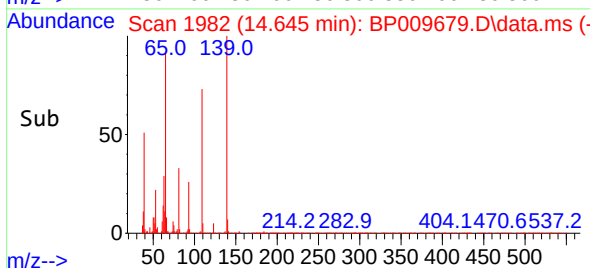
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

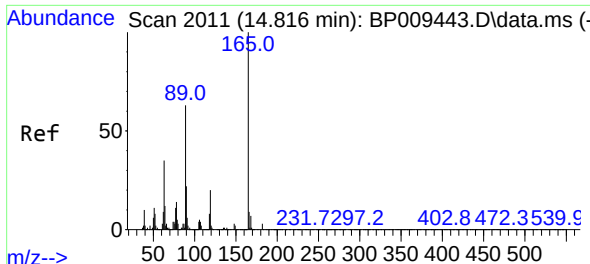


#56
4-Nitrophenol
Concen: 101.218 ng
RT: 14.645 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion:139 Resp: 756973
Ion Ratio Lower Upper
139 100
109 73.0 51.2 91.2
65 93.5 73.2 113.2





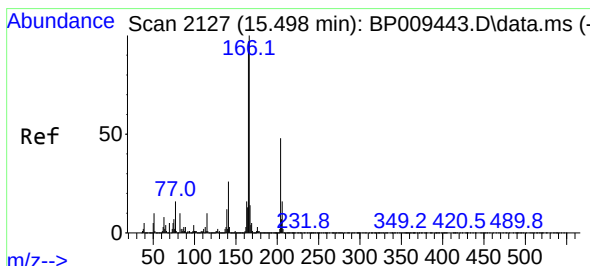
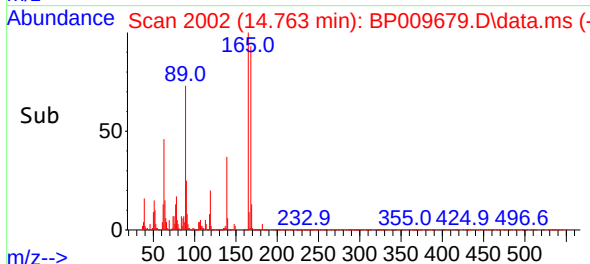
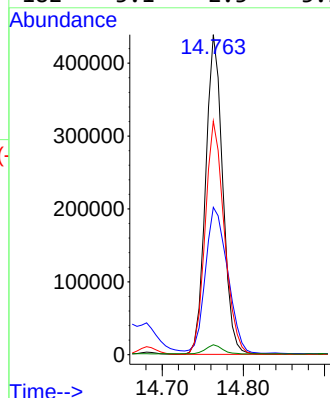
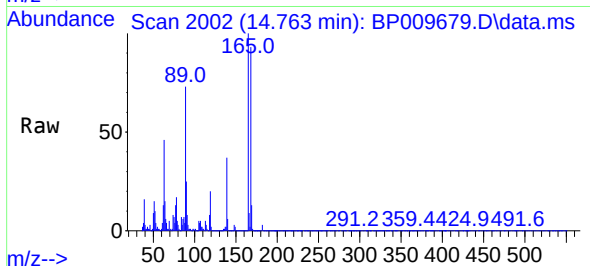
#57
2,4-Dinitrotoluene
Concen: 49.026 ng
RT: 14.763 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:165 Resp: 640318
Ion Ratio Lower Upper
165 100
63 46.0 31.4 47.2
89 73.0 55.9 83.9
182 3.1 2.3 3.5

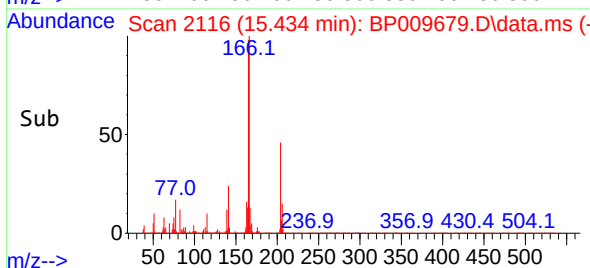
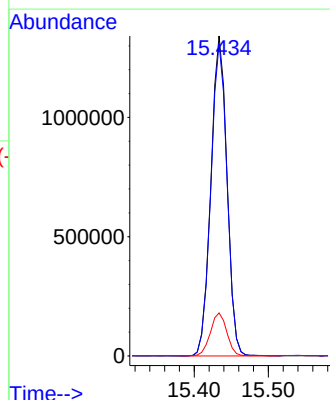
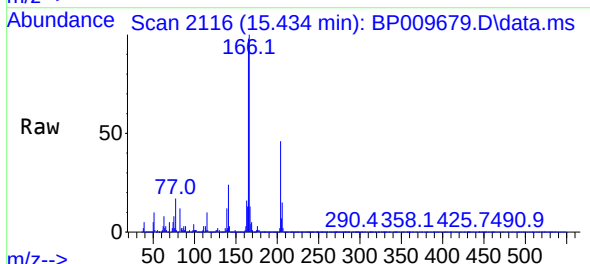
Manual Integrations
APPROVED

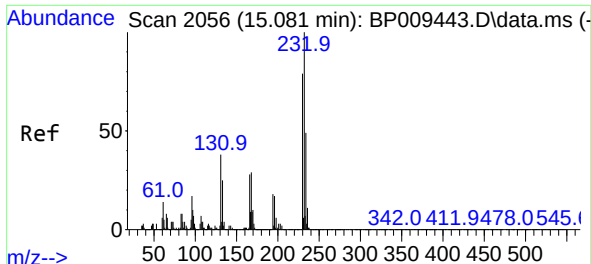
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#58
Fluorene
Concen: 47.220 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

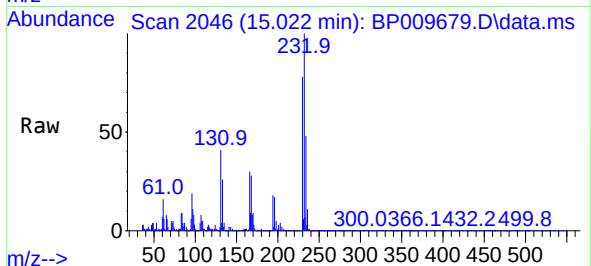
Tgt Ion:166 Resp: 2021751
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.899 ng
RT: 15.022 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

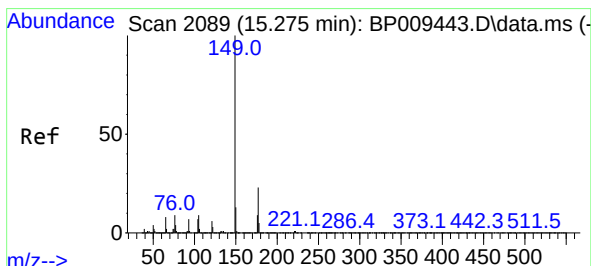
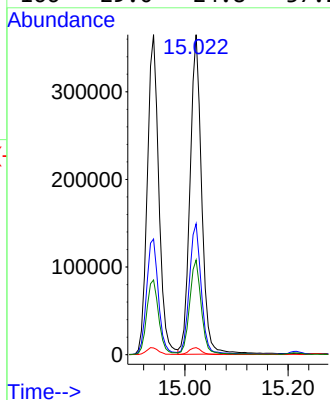
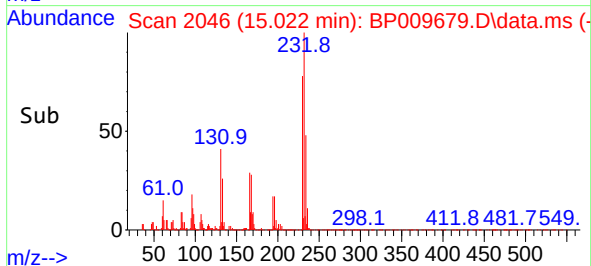
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:232 Resp: 568640
Ion Ratio Lower Upper
232 100
131 41.1 35.5 53.3
130 2.2 1.8 2.8
166 29.0 24.8 37.2

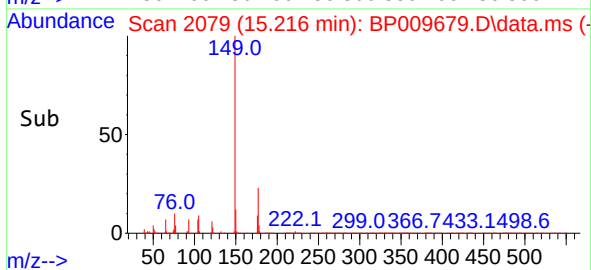
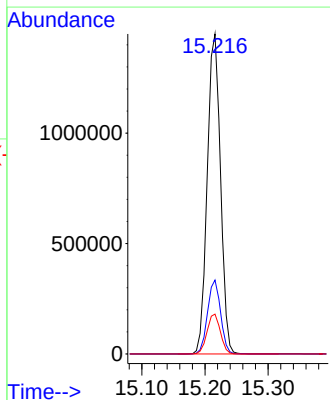
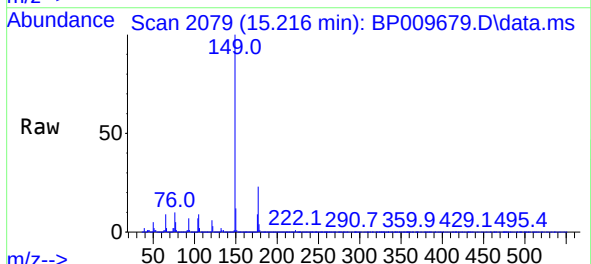
Manual Integrations
APPROVED

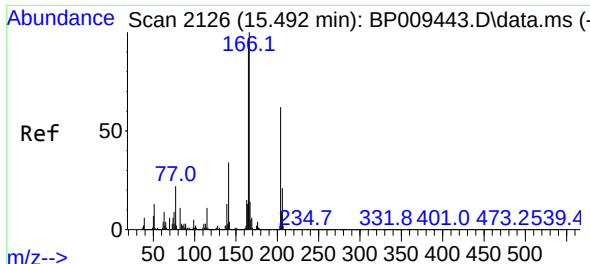
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#60
Diethylphthalate
Concen: 46.364 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:149 Resp: 2103704
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 12.5 9.9 14.9





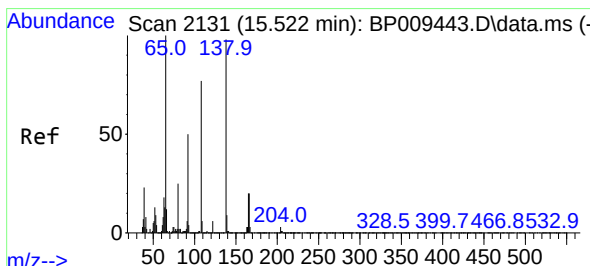
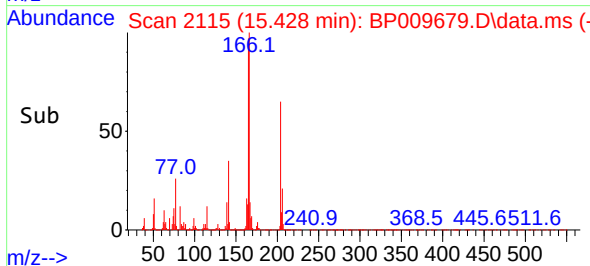
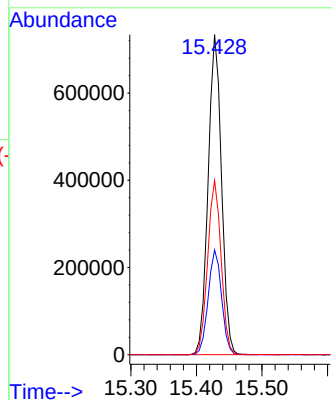
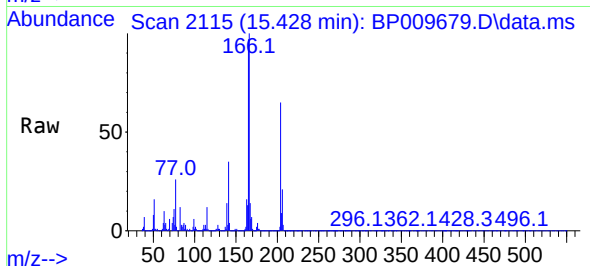
#61
4-Chlorophenyl-phenylether
Concen: 44.228 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:204 Resp: 104314
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 54.5 45.9 68.9

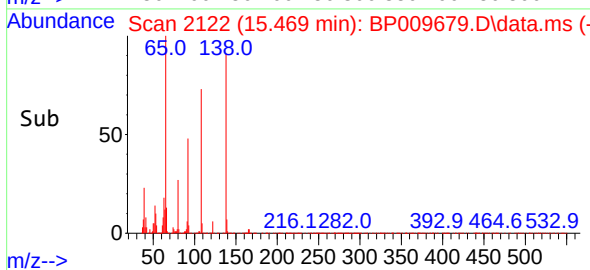
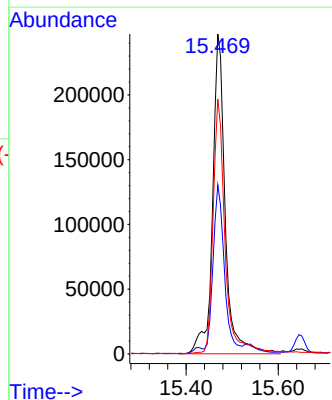
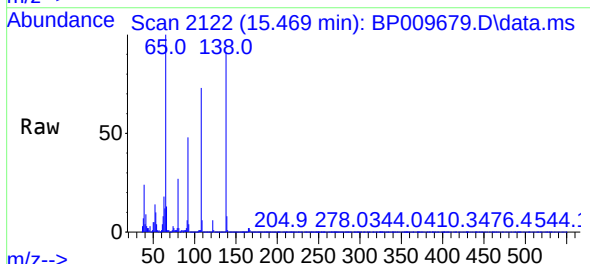
Manual Integrations
APPROVED

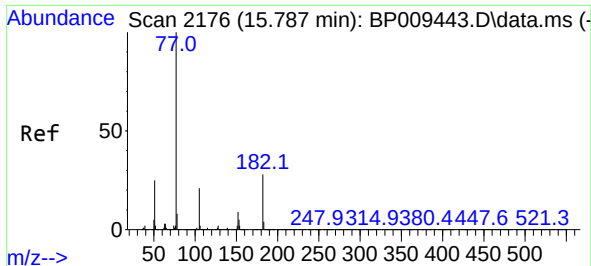
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#62
4-Nitroaniline
Concen: 44.493 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

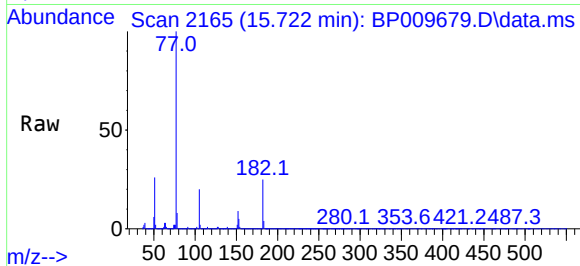
Tgt Ion:138 Resp: 468803
Ion Ratio Lower Upper
138 100
92 52.8 31.2 71.2
108 79.6 54.3 94.3





#63
Azobenzene
Concen: 50.696 ng
RT: 15.722 min Scan# 2176
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

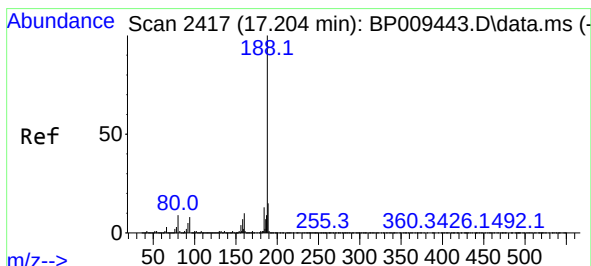
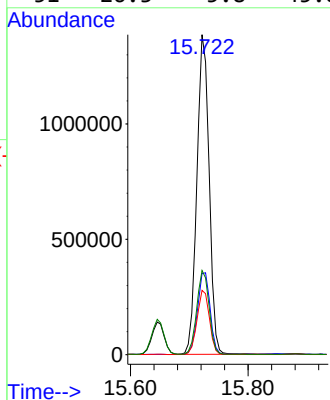
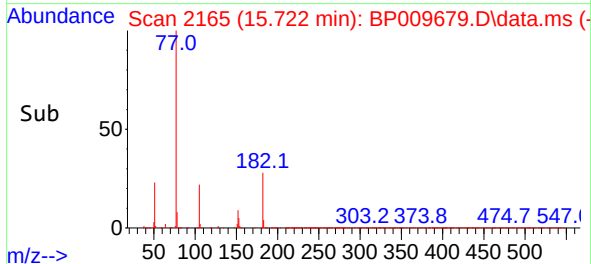
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



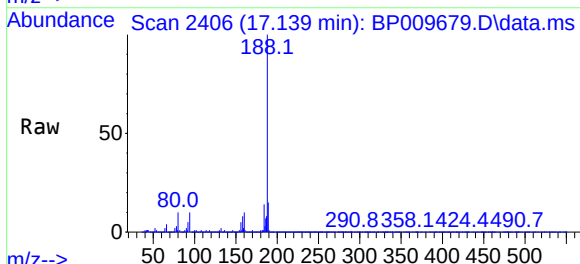
Tgt Ion: 77 Resp: 2001018
Ion Ratio Lower Upper
77 100
182 25.3 5.4 45.4
105 20.1 0.3 40.3
51 26.3 5.8 45.8

Manual Integrations
APPROVED

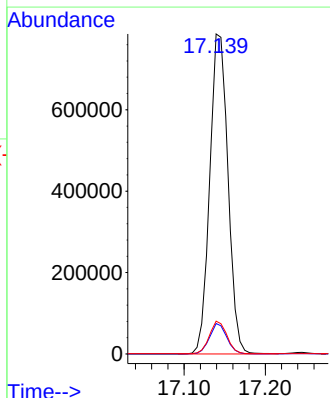
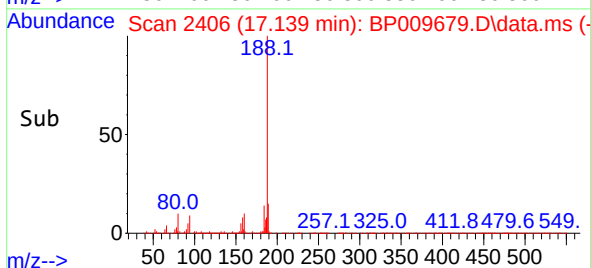
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

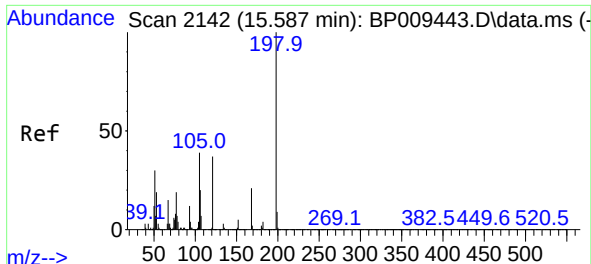


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18



Tgt Ion:188 Resp: 1227309
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 8.8 13.2





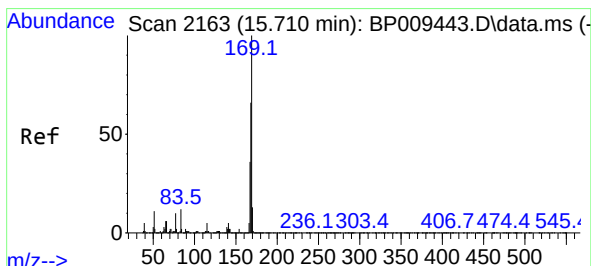
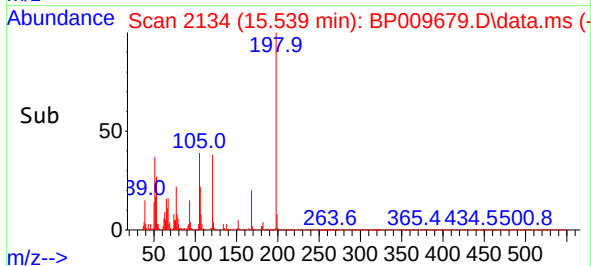
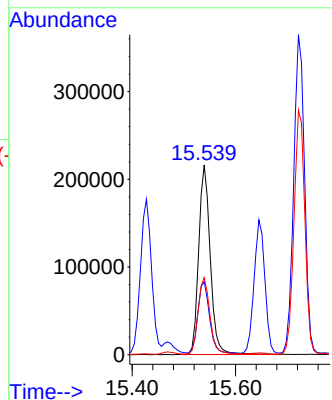
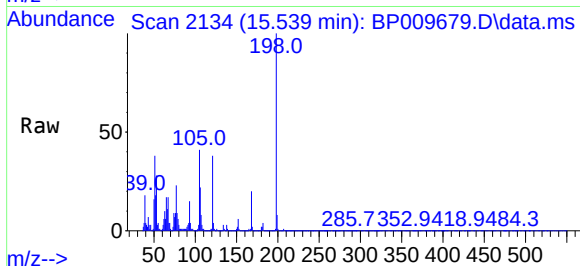
#65
4,6-Dinitro-2-methylphenol
Concen: 42.649 ng
RT: 15.539 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:198 Resp: 33658
Ion Ratio Lower Upper
198 100
51 38.4 17.7 57.7
105 40.7 23.2 63.2

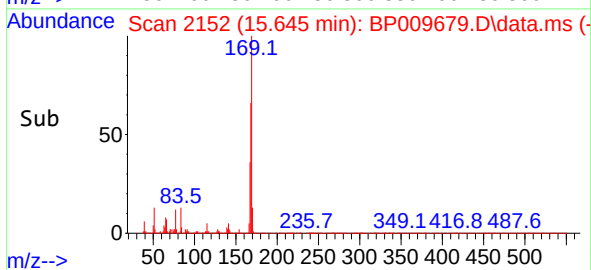
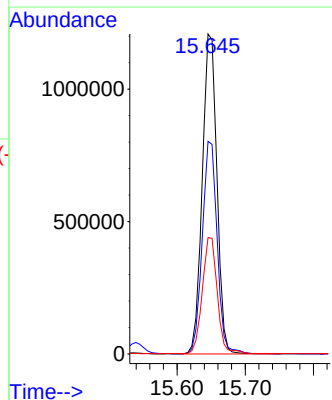
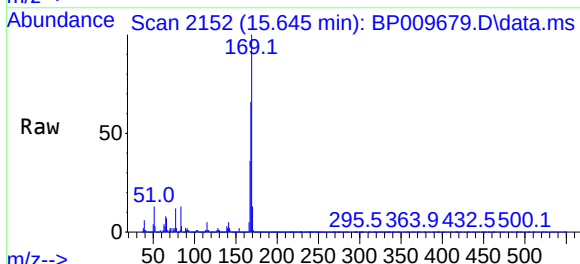
Manual Integrations
APPROVED

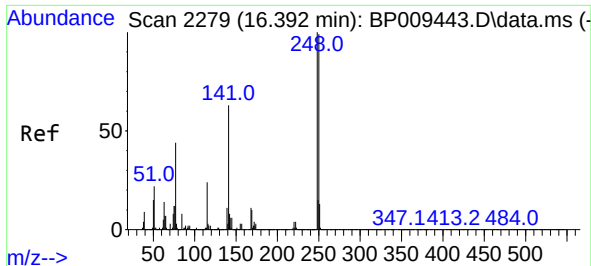
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#66
n-Nitrosodiphenylamine
Concen: 49.558 ng
RT: 15.645 min Scan# 2152
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

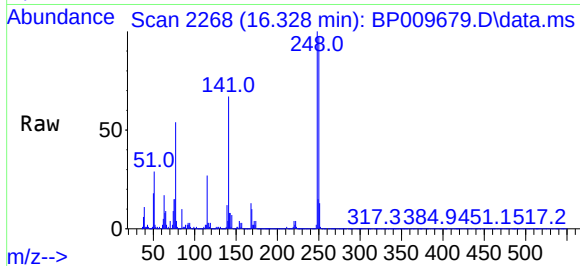
Tgt Ion:169 Resp: 1799909
Ion Ratio Lower Upper
169 100
168 66.4 51.6 77.4
167 36.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 44.721 ng
RT: 16.328 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

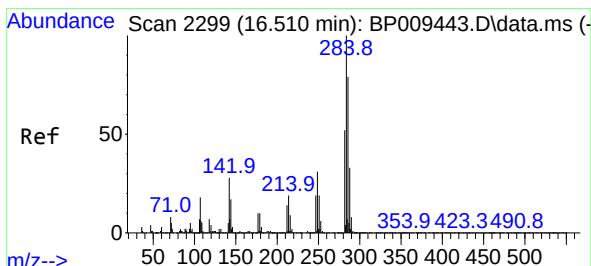
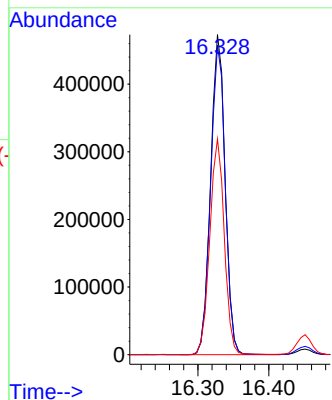
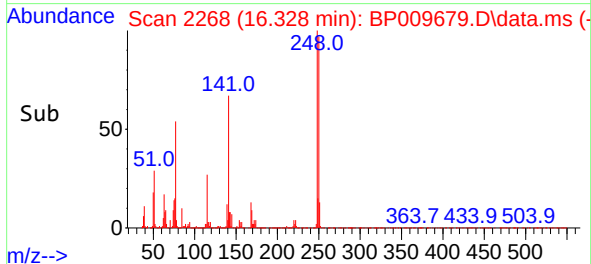
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:248 Resp: 671630
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 67.4 58.3 87.5

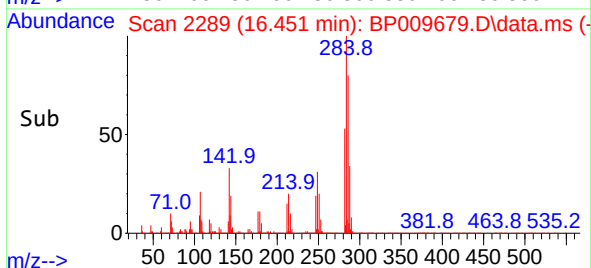
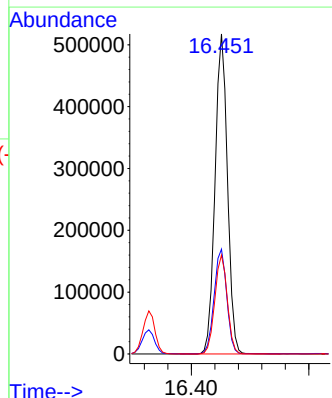
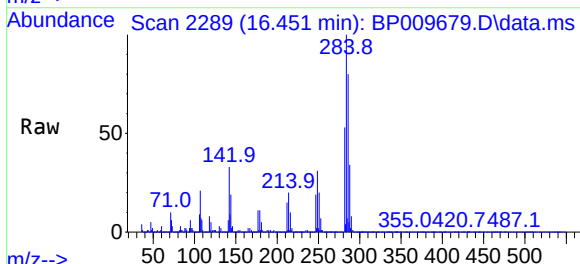
Manual Integrations
APPROVED

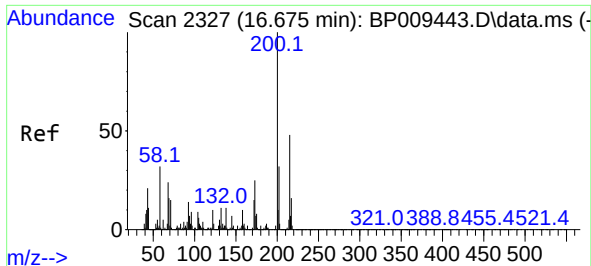
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#68
Hexachlorobenzene
Concen: 43.772 ng
RT: 16.451 min Scan# 2289
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

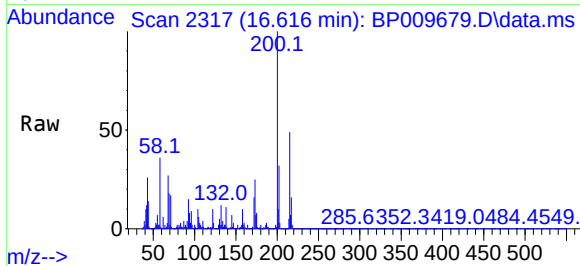
Tgt Ion:284 Resp: 756567
Ion Ratio Lower Upper
284 100
142 32.8 26.8 40.2
249 30.9 24.6 37.0





#69
Atrazine
Concen: 52.654 ng
RT: 16.616 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

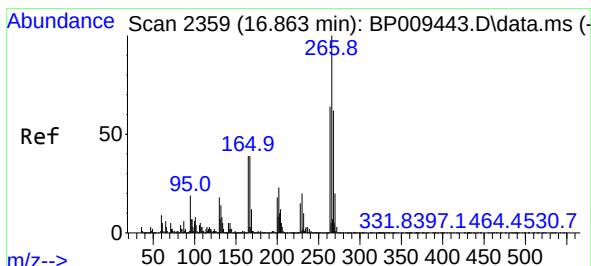
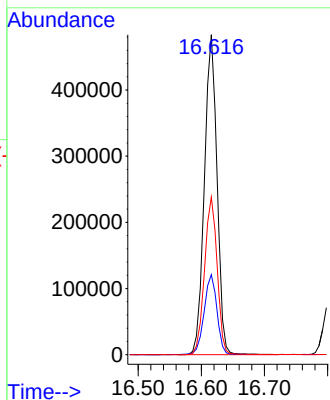
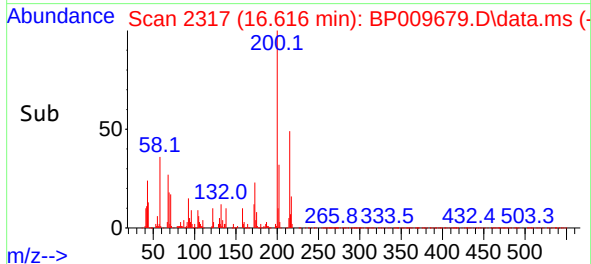
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:200 Resp: 67236
Ion Ratio Lower Upper
200 100
173 25.0 6.2 46.2
215 49.3 28.5 68.5

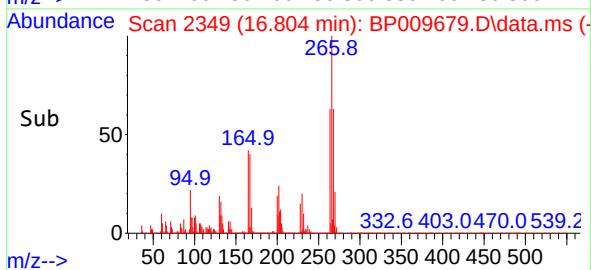
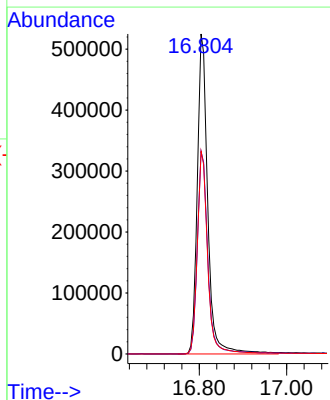
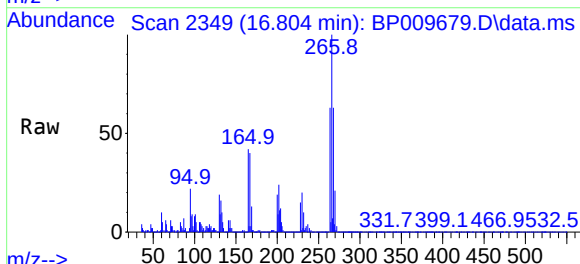
Manual Integrations
APPROVED

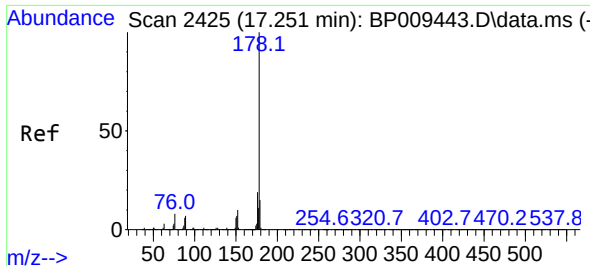
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#70
Pentachlorophenol
Concen: 94.557 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

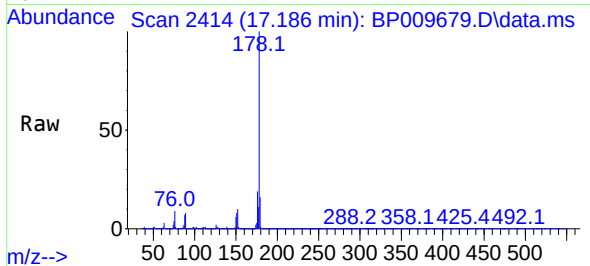
Tgt Ion:266 Resp: 873653
Ion Ratio Lower Upper
266 100
268 63.2 49.8 74.8
264 63.3 50.9 76.3





#71
Phenanthrene
Concen: 48.741 ng
RT: 17.186 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

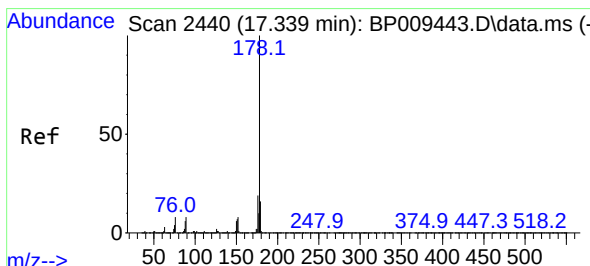
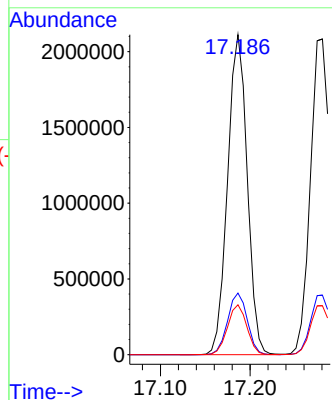
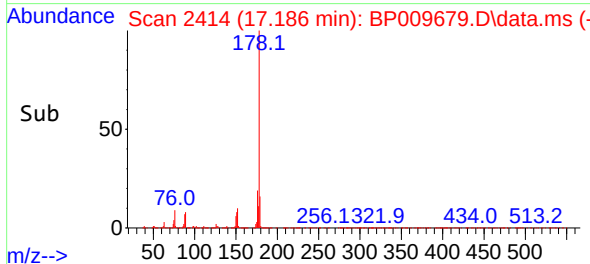
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:178 Resp: 3202215
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.3 18.5

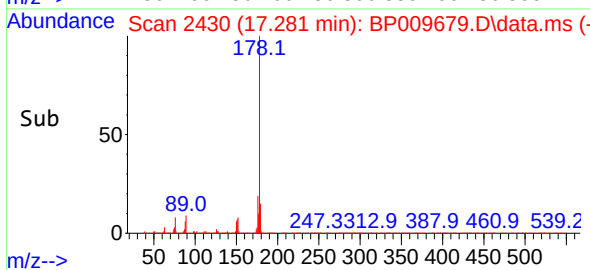
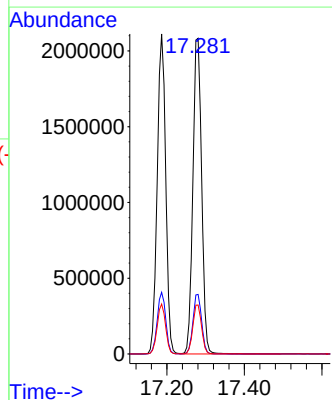
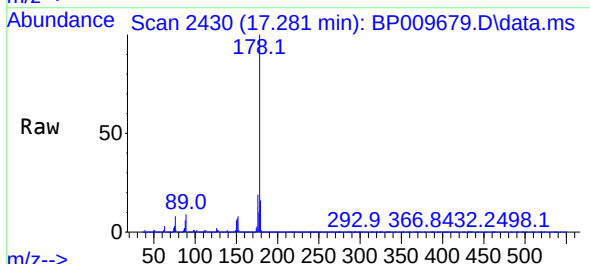
Manual Integrations
APPROVED

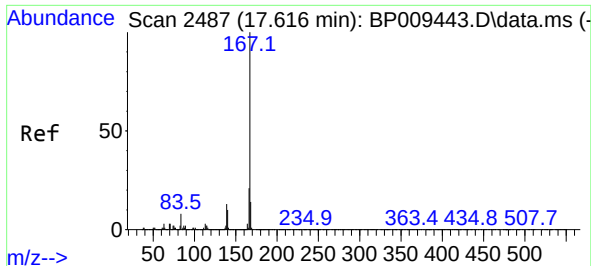
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#72
Anthracene
Concen: 50.411 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

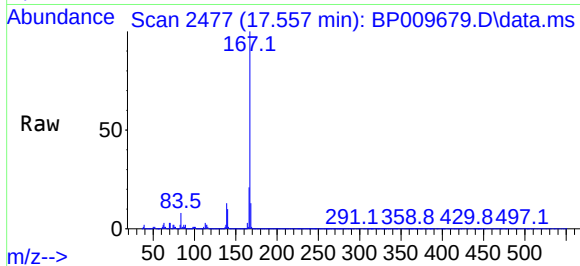
Tgt Ion:178 Resp: 3269903
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 47.491 ng
 RT: 17.557 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BP009679.D
 Acq: 04 Apr 2022 15:18

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DRUMMS

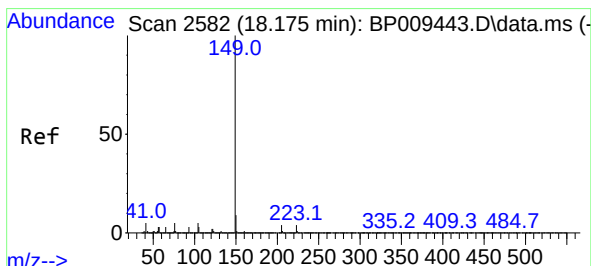
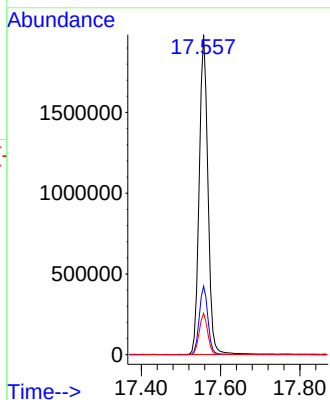
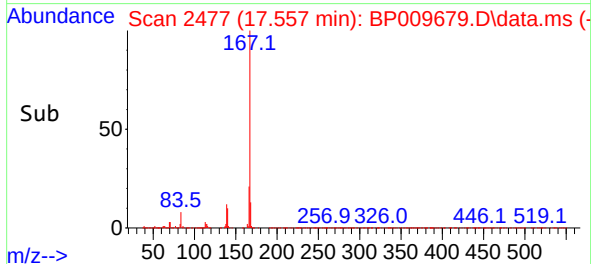


Tgt Ion:167 Resp: 301269

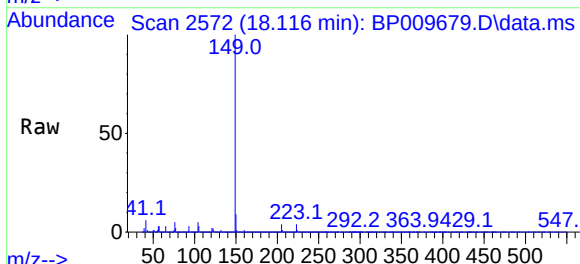
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.0	10.3	15.5

Manual Integrations
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Reviewed By :Christian Giraldo 04/05/2022
 Supervised By :Jagrut Upadhyay 04/05/2022

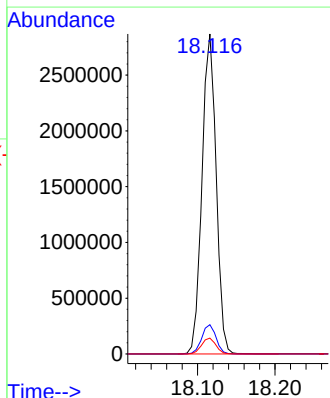
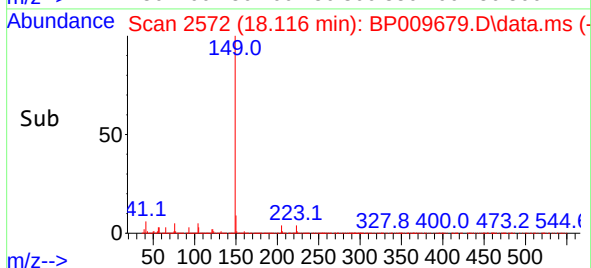


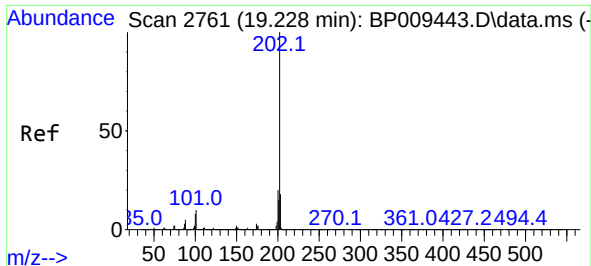
#74
 Di-n-butylphthalate
 Concen: 48.898 ng
 RT: 18.116 min Scan# 2572
 Delta R.T. -0.012 min
 Lab File: BP009679.D
 Acq: 04 Apr 2022 15:18



Tgt Ion:149 Resp: 3634917

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.0	4.2	6.2





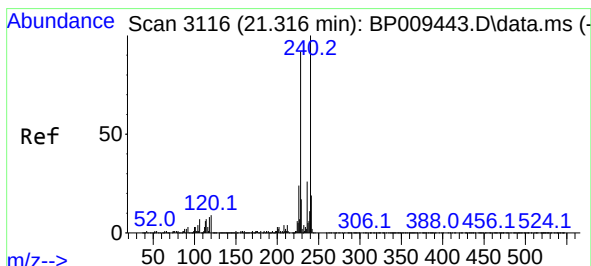
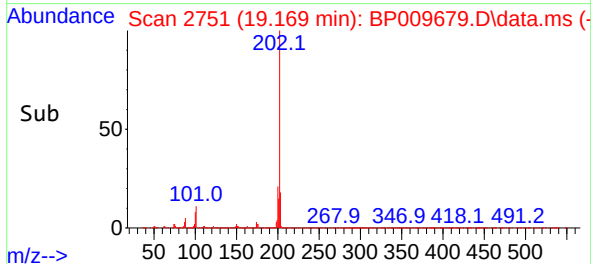
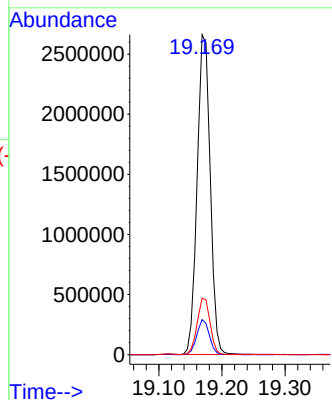
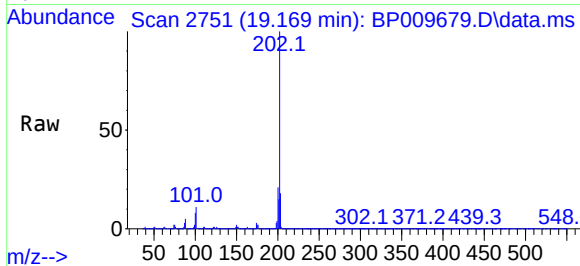
#75
Fluoranthene
Concen: 48.160 ng
RT: 19.169 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:202 Resp: 383049
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.5
203 17.7 0.0 37.8

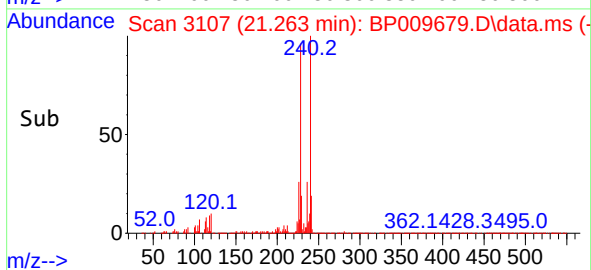
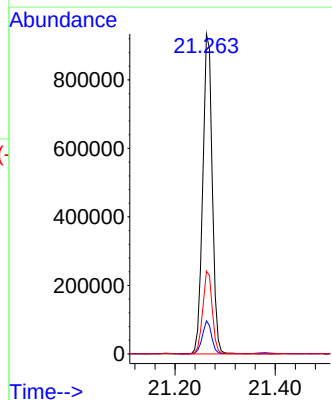
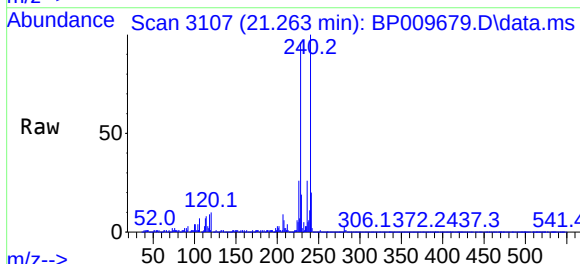
Manual Integrations
APPROVED

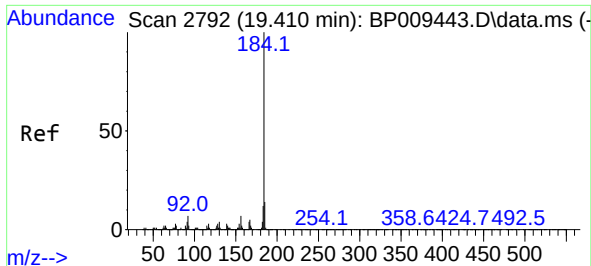
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:240 Resp: 1227789
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.9 20.6 30.8





#77
Benzidine
Concen: 18.967 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

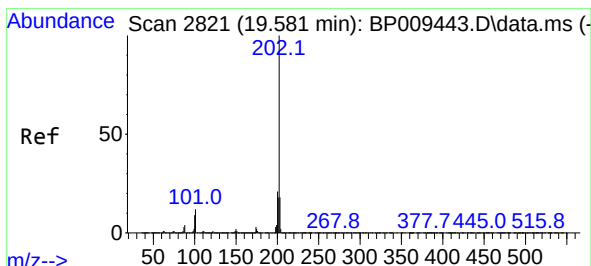
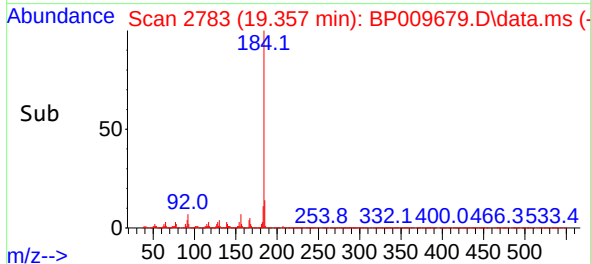
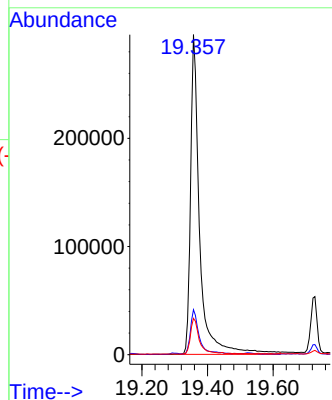
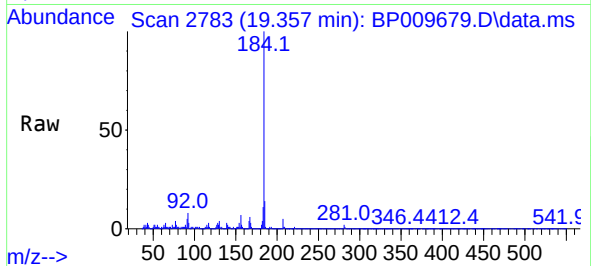
SOIL-DRUMMS

Tgt Ion:184 Resp: 57082
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.4 9.4 14.0

Manual Integrations

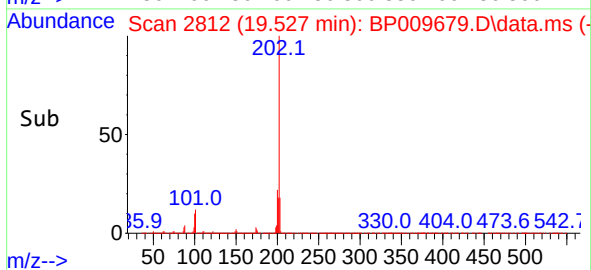
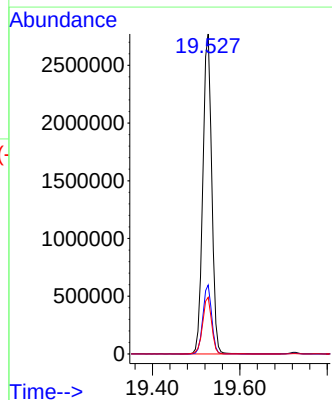
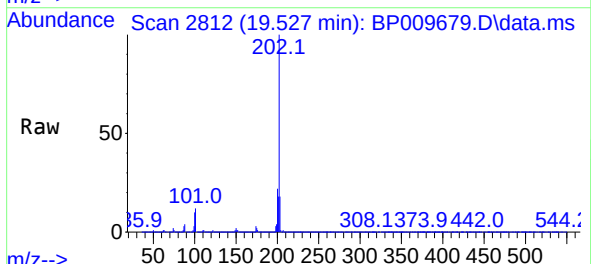
APPROVED

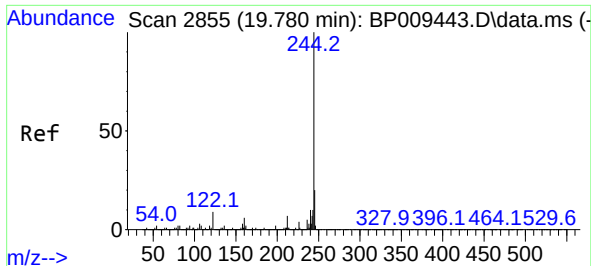
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#78
Pyrene
Concen: 48.485 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:202 Resp: 3922756
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.7 14.2 21.4





#79
 Terphenyl-d14
 Concen: 71.507 ng
 RT: 19.727 min Scan# 2846
 Delta R.T. -0.012 min
 Lab File: BP009679.D
 Acq: 04 Apr 2022 15:18

Instrument :

BNA_P

ClientSampleId :

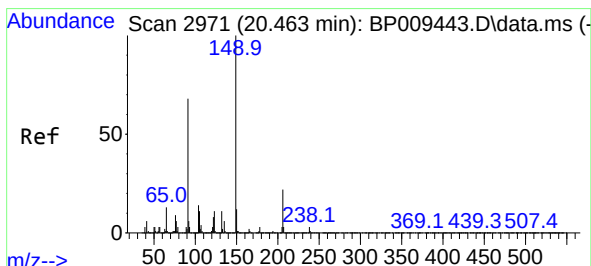
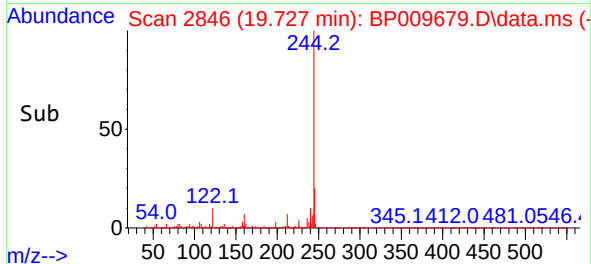
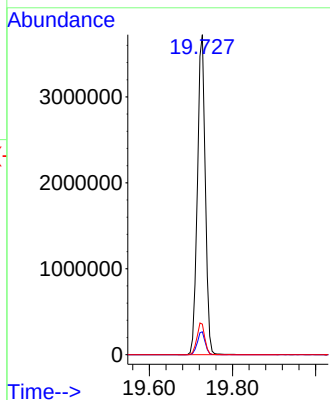
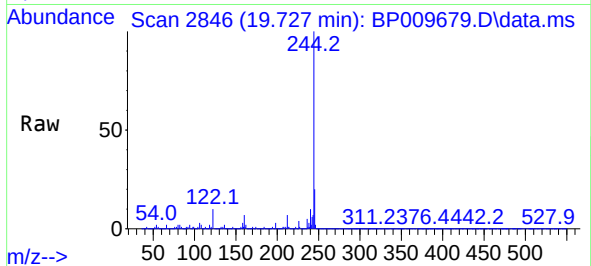
SOIL-DRUMMS

Tgt Ion:244 Resp: 489143
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.5 8.3 12.5

Manual Integrations

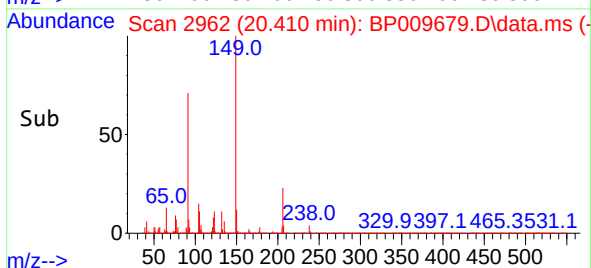
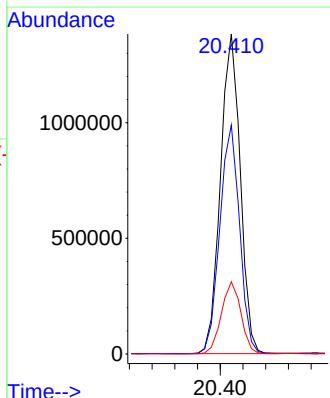
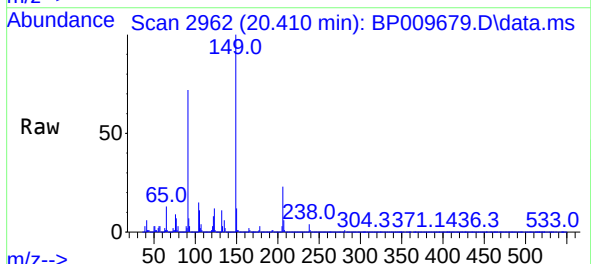
APPROVED

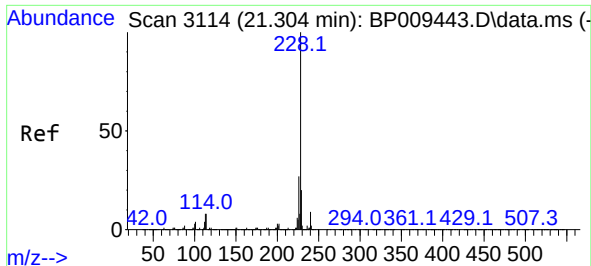
Reviewed By :Christian Giraldo 04/05/2022
 Supervised By :Jagrut Upadhyay 04/05/2022



#80
 Butylbenzylphthalate
 Concen: 48.680 ng
 RT: 20.410 min Scan# 2962
 Delta R.T. -0.012 min
 Lab File: BP009679.D
 Acq: 04 Apr 2022 15:18

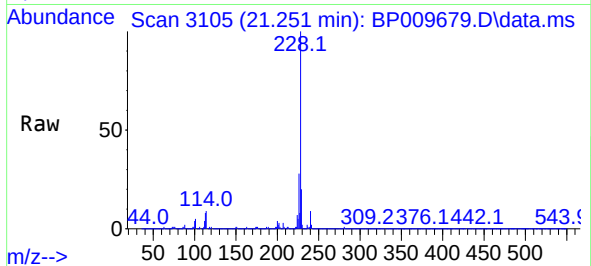
Tgt Ion:149 Resp: 1674035
 Ion Ratio Lower Upper
 149 100
 91 71.5 57.9 86.9
 206 22.6 16.9 25.3





#81
Benzo(a)anthracene
Concen: 48.964 ng
RT: 21.251 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

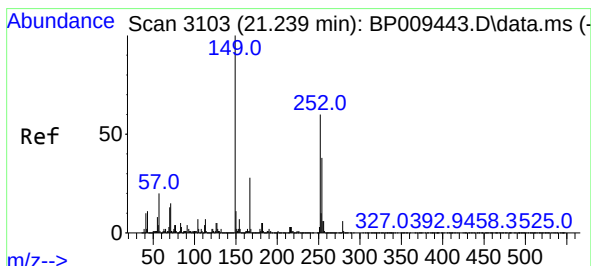
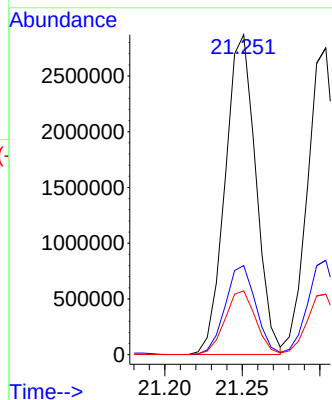
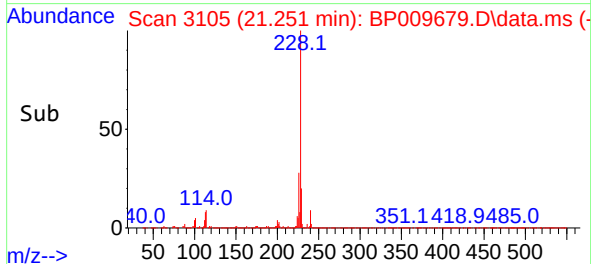
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:228 Resp: 3949670
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.0 16.1 24.1

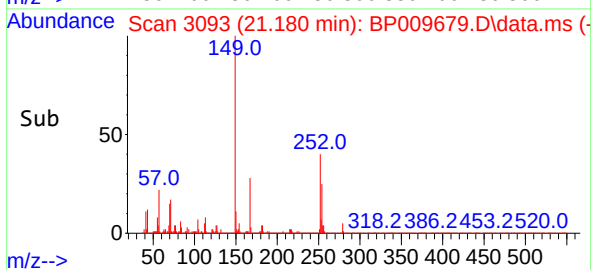
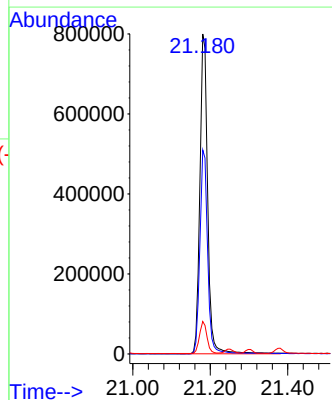
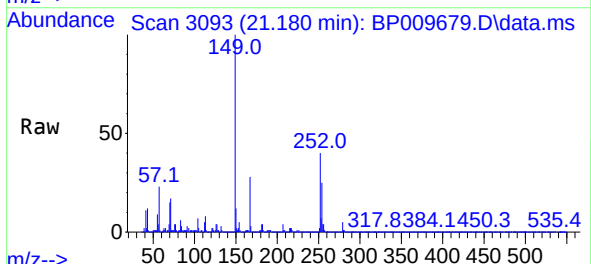
Manual Integrations
APPROVED

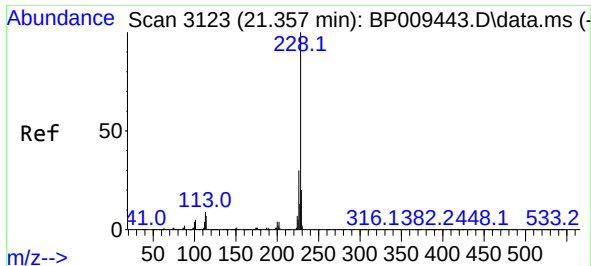
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.672 ng
RT: 21.180 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

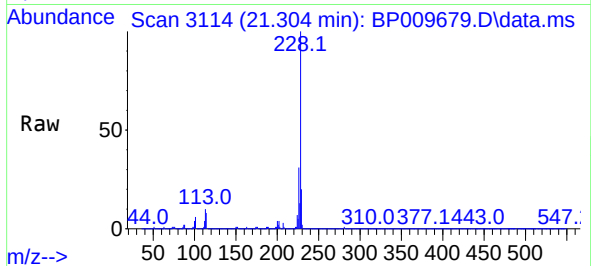
Tgt Ion:252 Resp: 1111618
Ion Ratio Lower Upper
252 100
254 63.7 50.7 76.1
126 10.2 8.9 13.3





#83
Chrysene
Concen: 47.366 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

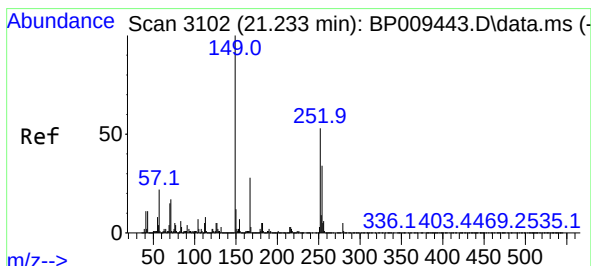
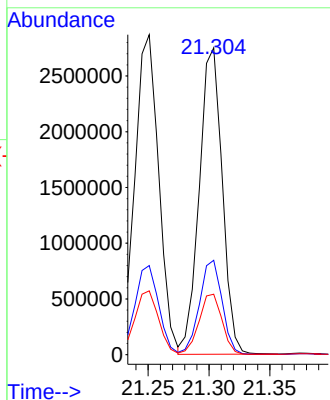
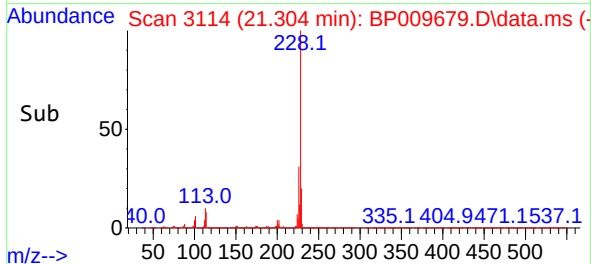
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:228 Resp: 3617954
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 19.7 16.1 24.1

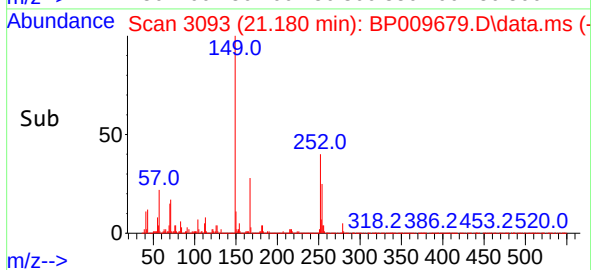
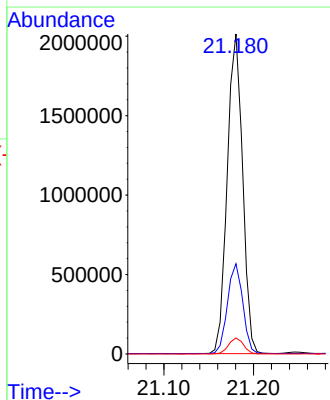
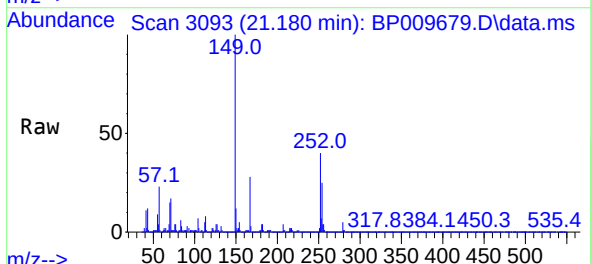
Manual Integrations
APPROVED

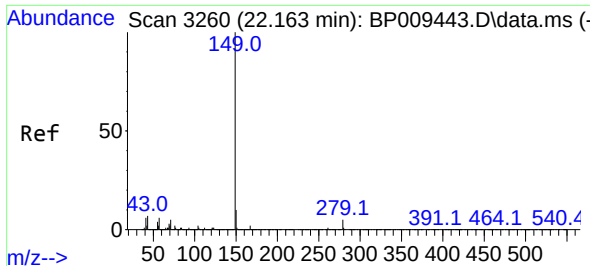
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.905 ng
RT: 21.180 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

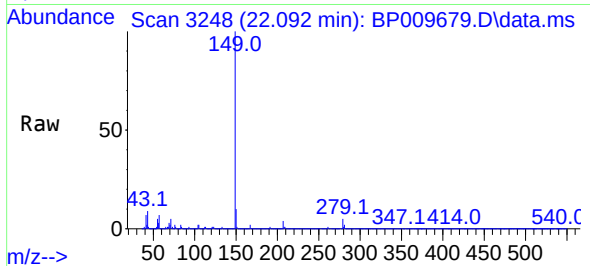
Tgt Ion:149 Resp: 2392046
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 50.325 ng
RT: 22.092 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

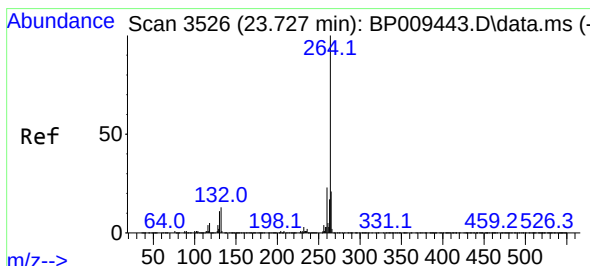
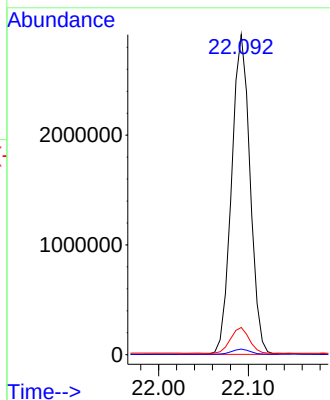
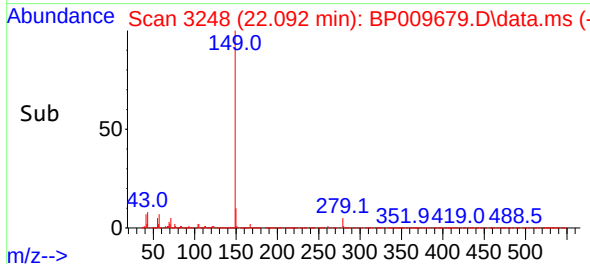
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:149 Resp: 4157810
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 6.9 10.3

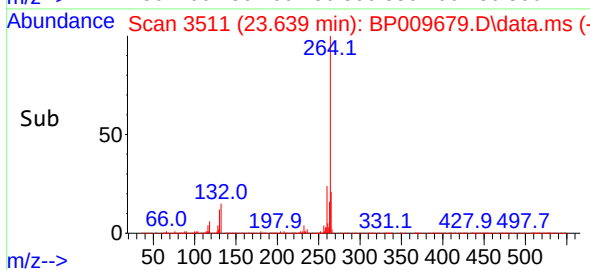
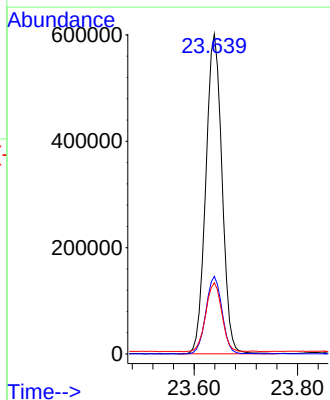
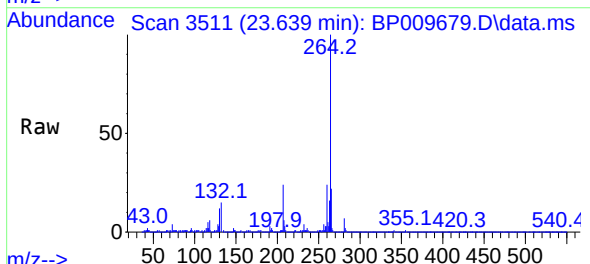
Manual Integrations
APPROVED

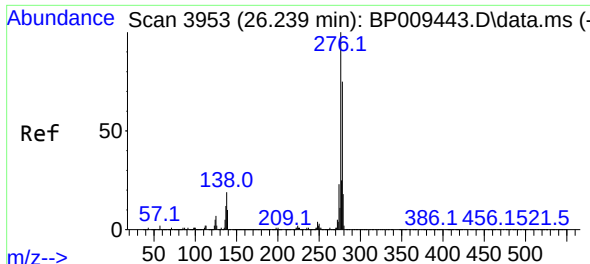
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:264 Resp: 1305974
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 22.3 17.2 25.8





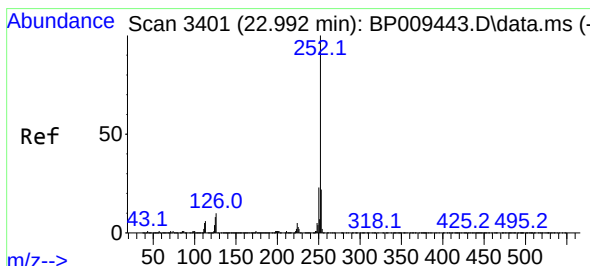
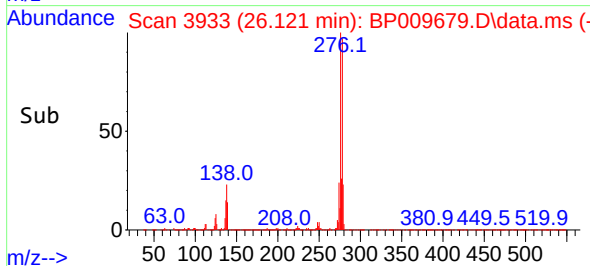
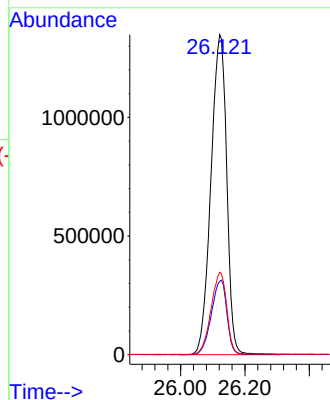
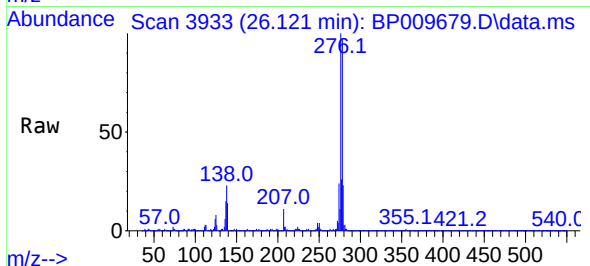
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.274 ng
RT: 26.121 min Scan# 3953
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:276 Resp: 458490
Ion Ratio Lower Upper
276 100
138 22.8 20.5 30.7
277 25.4 20.4 30.6

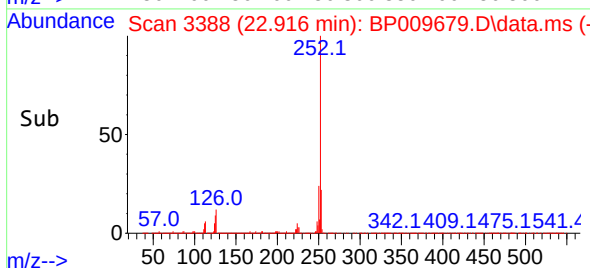
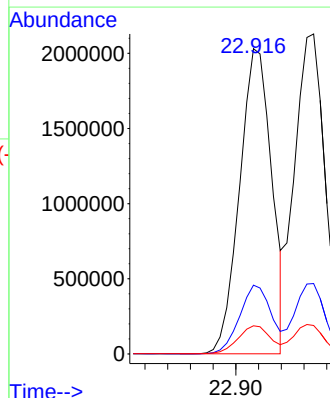
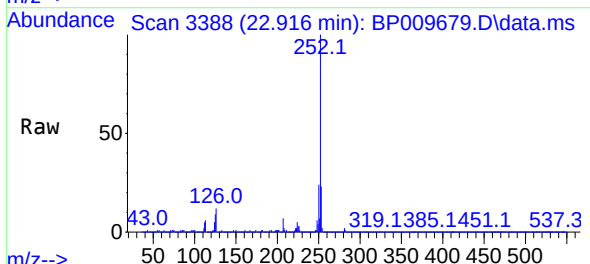
Manual Integrations
APPROVED

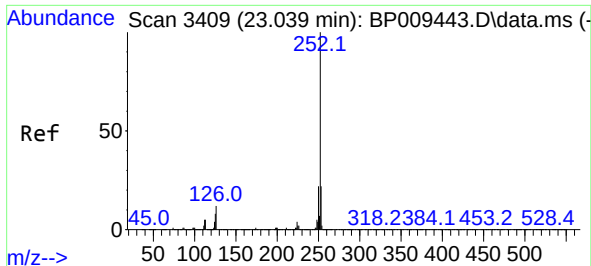
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#88
Benzo(b)fluoranthene
Concen: 51.078 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:252 Resp: 3982216
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.2 8.1 12.1





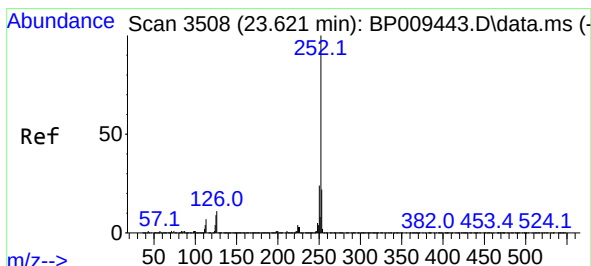
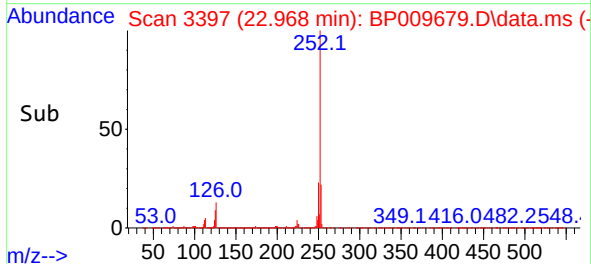
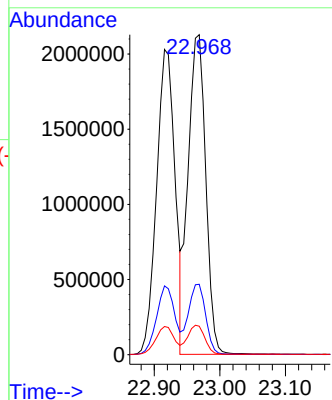
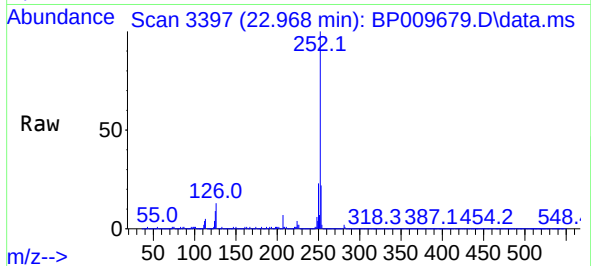
#89
Benzo(k)fluoranthene
Concen: 51.860 ng
RT: 22.968 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Tgt Ion:252 Resp: 395869
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.9 8.3 12.5

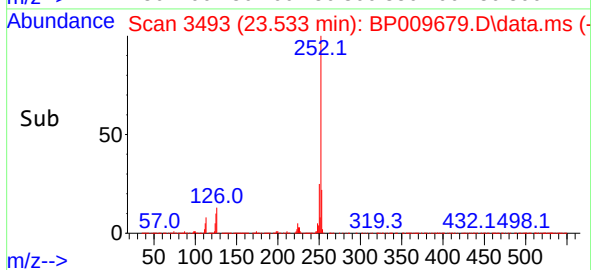
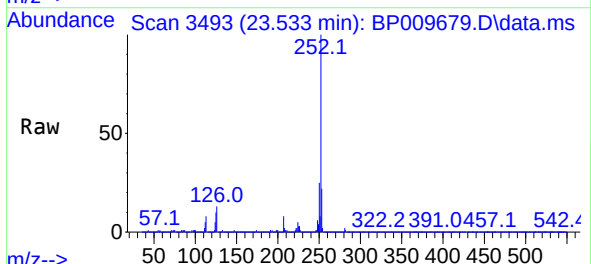
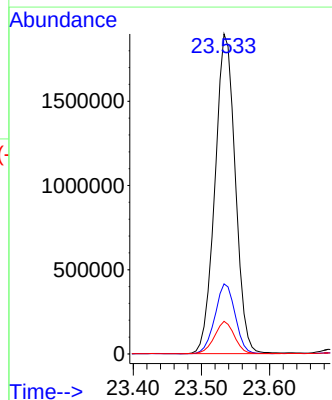
Manual Integrations
APPROVED

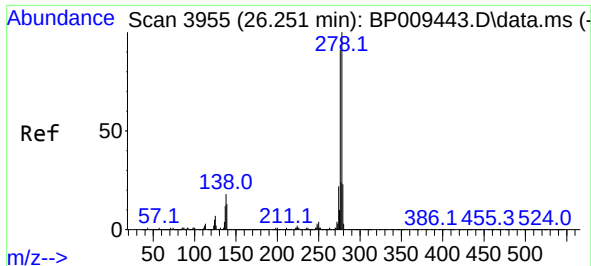
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#90
Benzo(a)pyrene
Concen: 59.049 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.018 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

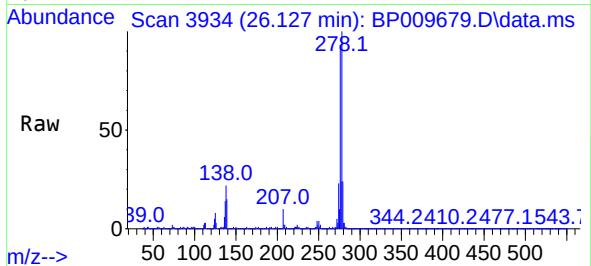
Tgt Ion:252 Resp: 3938799
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.2 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 48.730 ng
RT: 26.127 min Scan# 3955
Delta R.T. -0.024 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

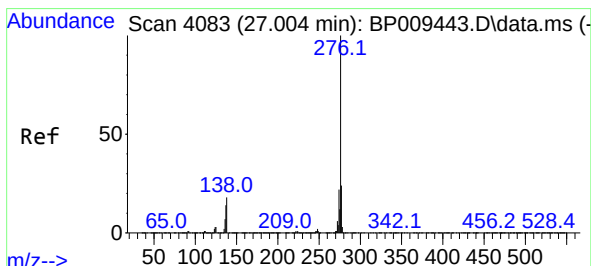
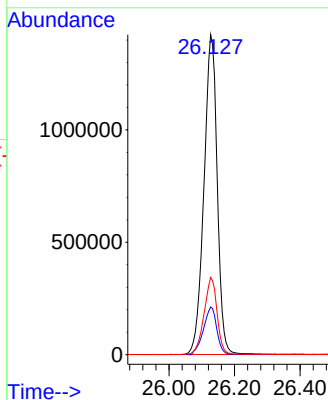
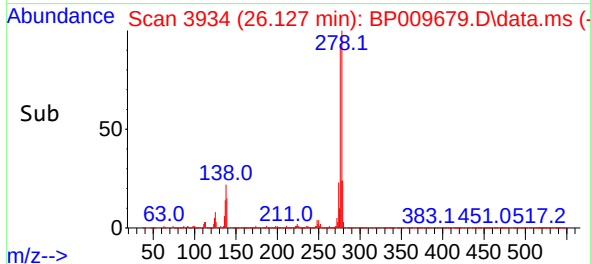
Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS



Tgt Ion:278 Resp: 4023980
Ion Ratio Lower Upper
278 100
139 14.9 13.2 19.8
279 24.1 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#92
Benzo(g,h,i)perylene
Concen: 48.938 ng
RT: 26.874 min Scan# 4061
Delta R.T. -0.024 min
Lab File: BP009679.D
Acq: 04 Apr 2022 15:18

Tgt Ion:276 Resp: 3975469
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 19.7 18.0 27.0

