

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009453.D
 Acq On : 18 Mar 2022 12:27
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

Quant Time: Mar 18 14:30:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:30:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	256655	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	957327	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	633125	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1351281	20.000	ng	0.00
76) Chrysene-d12	21.315	240	1482276	20.000	ng	# 0.00
86) Perylene-d12	23.715	264	1547002	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	2311256	157.227	ng	0.00
7) Phenol-d6	6.987	99	2991775	150.493	ng	0.00
23) Nitrobenzene-d5	8.951	82	1569340	87.113	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1630241	156.039	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3942113	86.317	ng	0.00
79) Terphenyl-d14	19.780	244	6939389	84.029	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	23677	4.066	ng	95
3) Pyridine	3.740	79	52695	3.360	ng	# 94
4) n-Nitrosodimethylamine	3.640	42	20301	3.515	ng	# 91
6) Aniline	7.134	93	92757	4.094	ng	96
8) 2-Chlorophenol	7.369	128	64501	3.848	ng	93
9) Benzaldehyde	6.946	77	57425m	5.450	ng	
10) Phenol	7.016	94	76151	3.818	ng	84
11) bis(2-Chloroethyl)ether	7.228	93	60966	3.862	ng	98
12) 1,3-Dichlorobenzene	7.687	146	75352	3.983	ng	99
13) 1,4-Dichlorobenzene	7.834	146	75212	3.888	ng	98
14) 1,2-Dichlorobenzene	8.151	146	73274	3.919	ng	98
15) Benzyl Alcohol	8.116	79	74076m	4.674	ng	
16) 2,2'-oxybis(1-Chloropr...	8.328	45	66800	3.904	ng	87
17) 2-Methylphenol	8.263	107	47509	3.457	ng	93
18) Hexachloroethane	8.875	117	26454	3.902	ng	86
19) n-Nitroso-di-n-propyla...	8.610	70	42129	3.350	ng	97
20) 3+4-Methylphenols	8.604	107	54411	2.879	ng	# 69
22) Acetophenone	8.622	105	89349	3.771	ng	# 96
24) Nitrobenzene	8.993	77	73360	4.311	ng	97
25) Isophorone	9.528	82	118808	3.866	ng	98
26) 2-Nitrophenol	9.716	139	28111	3.169	ng	96
27) 2,4-Dimethylphenol	9.810	122	40746	3.255	ng	89
28) bis(2-Chloroethoxy)met...	10.022	93	66266	3.312	ng	# 98
29) 2,4-Dichlorophenol	10.292	162	43326	2.838	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	68035	3.846	ng	98
31) Naphthalene	10.640	128	193493	3.924	ng	99
32) Benzoic acid	10.069	122	18763m	1.917	ng	
33) 4-Chloroaniline	10.781	127	54567	2.712	ng	98
34) Hexachlorobutadiene	10.934	225	46633	3.891	ng	95
35) Caprolactam	11.545	113	17505	3.397	ng	89
36) 4-Chloro-3-methylphenol	11.922	107	54612	3.329	ng	94
37) 2-Methylnaphthalene	12.263	142	121585	3.514	ng	99
38) 1-Methylnaphthalene	12.481	142	126511	3.753	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	76953	3.663	ng	# 97
41) Hexachlorocyclopentadiene	12.610	237	8271	1.118	ng	93
43) 2,4,6-Trichlorophenol	12.892	196	43803	3.146	ng	98

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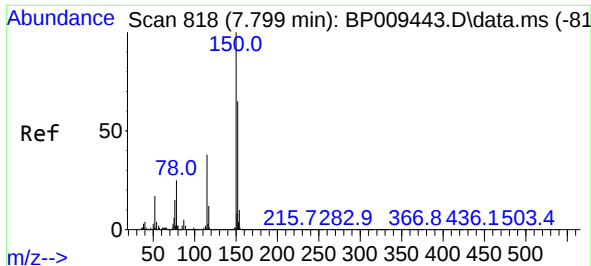
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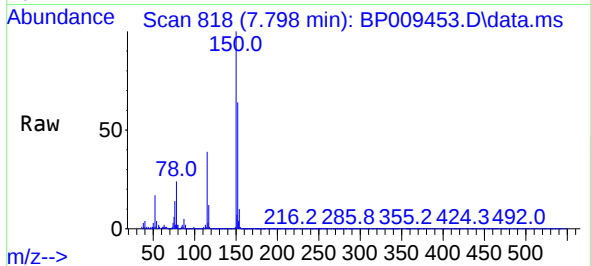
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	49099	3.247	ng	93
46) 1,1'-Biphenyl	13.275	154	194346	4.115	ng	98
47) 2-Chloronaphthalene	13.310	162	144359	3.882	ng	98
48) 2-Nitroaniline	13.533	65	32582	3.217	ng	95
49) Acenaphthylene	14.163	152	239595	4.174	ng	99
50) Dimethylphthalate	13.904	163	180383	3.760	ng	100
51) 2,6-Dinitrotoluene	14.016	165	35578	3.540	ng	98
52) Acenaphthene	14.504	154	137318	4.004	ng	100
53) 3-Nitroaniline	14.363	138	33353	3.142	ng	# 99
54) 2,4-Dinitrophenol	14.610	184	7488m	1.356	ng	
55) Dibenzofuran	14.839	168	224457	3.896	ng	98
56) 4-Nitrophenol	14.775	139	8307	1.050	ng	# 83
57) 2,4-Dinitrotoluene	14.816	165	44491	3.219	ng	95
58) Fluorene	15.492	166	178751	3.945	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.086	232	43945	3.206	ng	95
60) Diethylphthalate	15.269	149	179282	3.734	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	95458	3.825	ng	96
62) 4-Nitroaniline	15.545	138	24946	2.237	ng	98
63) Azobenzene	15.786	77	153009	3.663	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	16707	1.923	ng	96
66) n-Nitrosodiphenylamine	15.710	169	153444	3.837	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	60079	3.633	ng	96
68) Hexachlorobenzene	16.510	284	73044	3.838	ng	96
69) Atrazine	16.674	200	55634	3.957	ng	99
70) Pentachlorophenol	16.892	266	24709	2.429	ng	# 86
71) Phenanthrene	17.245	178	287773	3.978	ng	99
72) Anthracene	17.339	178	277317	3.883	ng	99
73) Carbazole	17.622	167	244567	3.502	ng	99
74) Di-n-butylphthalate	18.174	149	293856	3.590	ng	99
75) Fluoranthene	19.227	202	345931	3.950	ng	97
77) Benzidine	19.427	184	106916	2.943	ng	99
78) Pyrene	19.580	202	364364	3.730	ng	99
80) Butylbenzylphthalate	20.463	149	144671	3.485	ng	92
81) Benzo(a)anthracene	21.298	228	382881	3.932	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	135756	3.609	ng	98
83) Chrysene	21.351	228	362854	3.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	213797	3.695	ng	98
85) Di-n-octyl phthalate	22.157	149	358482	3.594	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	435002	3.706	ng	96
88) Benzo(b)fluoranthene	22.986	252	374949	4.060	ng	99
89) Benzo(k)fluoranthene	23.033	252	379723	4.199	ng	98
90) Benzo(a)pyrene	23.609	252	364763	4.616	ng	99
91) Dibenzo(a,h)anthracene	26.239	278	377339	3.858	ng	98
92) Benzo(g,h,i)perylene	26.992	276	378467	3.933	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

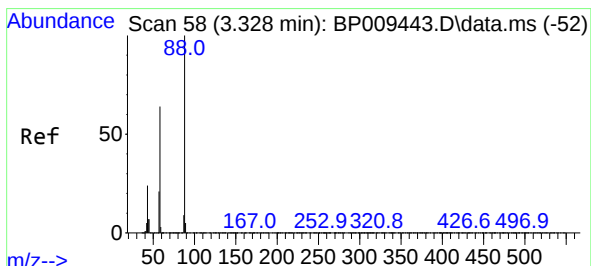
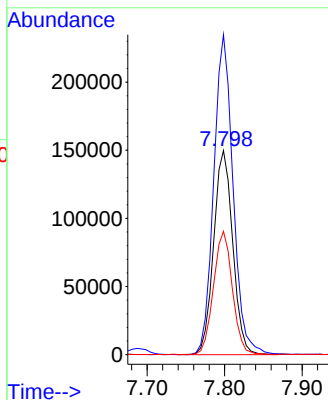
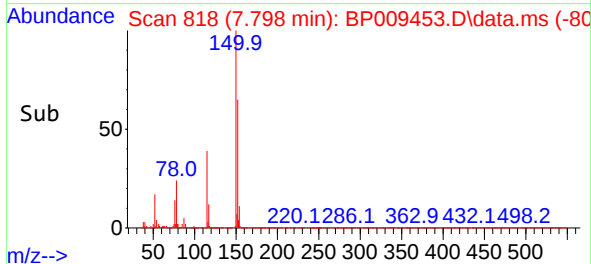
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:152 Resp: 25665
Ion Ratio Lower Upper
152 100
150 156.8 124.5 186.7
115 60.5 48.2 72.4

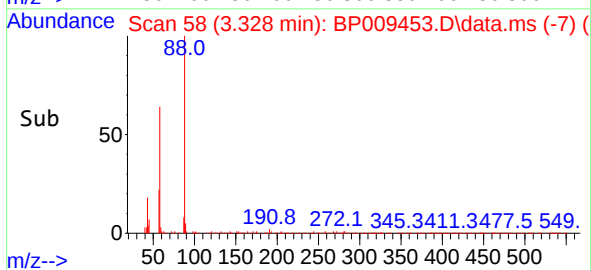
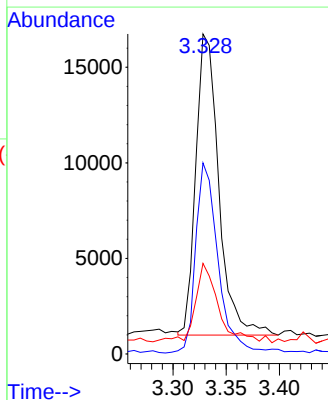
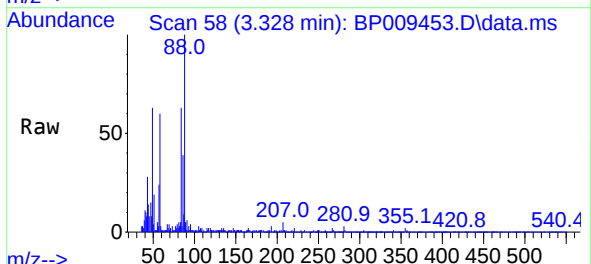
Manual Integrations
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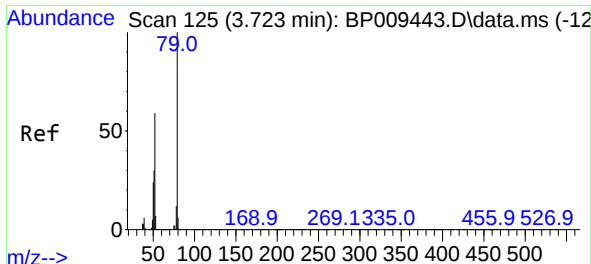
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 4.066 ng
RT: 3.328 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

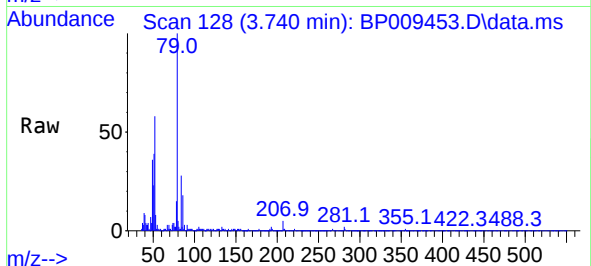
Tgt Ion: 88 Resp: 23677
Ion Ratio Lower Upper
88 100
58 62.0 54.2 81.2
43 25.9 20.4 30.6





#3
Pyridine
Concen: 3.360 ng
RT: 3.740 min Scan# 110
Delta R.T. 0.017 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

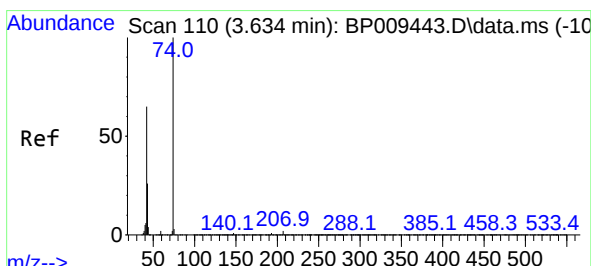
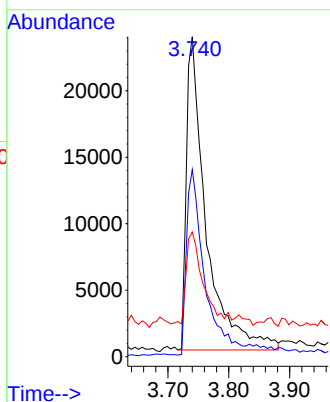
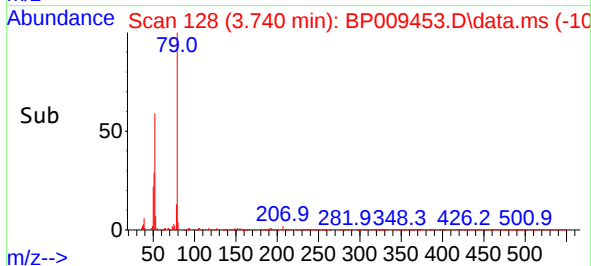
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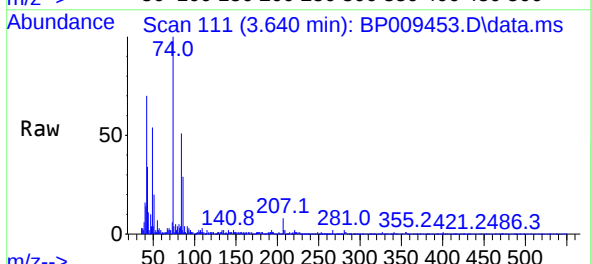
Tgt Ion: 79 Resp: 5269
Ion Ratio Lower Upper
79 100
52 58.4 47.5 71.3
51 39.0 24.1 36.1

Manual Integrations
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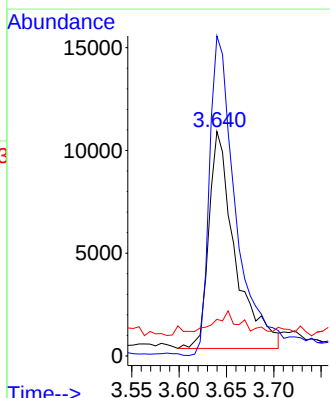
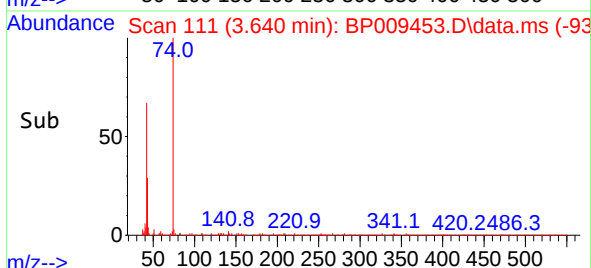
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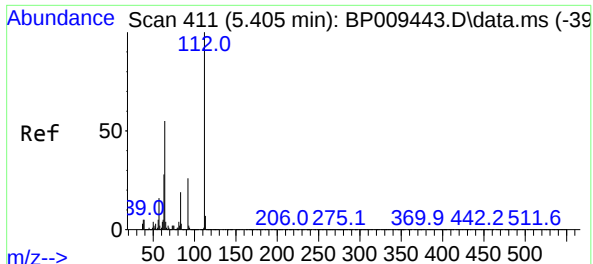


#4
n-Nitrosodimethylamine
Concen: 3.515 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



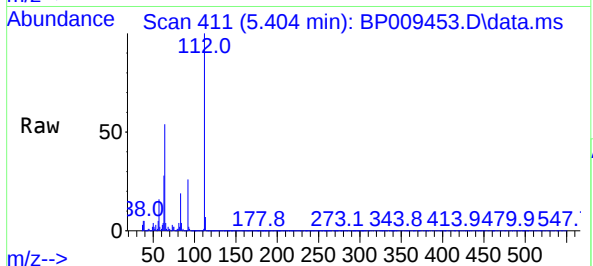
Tgt Ion: 42 Resp: 20301
Ion Ratio Lower Upper
42 100
74 142.5 122.1 183.1
44 16.3 5.8 8.8





#5
2-Fluorophenol
Concen: 157.227 ng
RT: 5.404 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

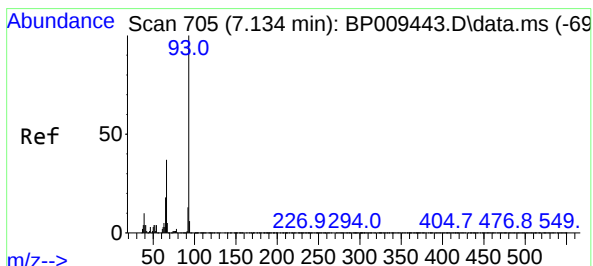
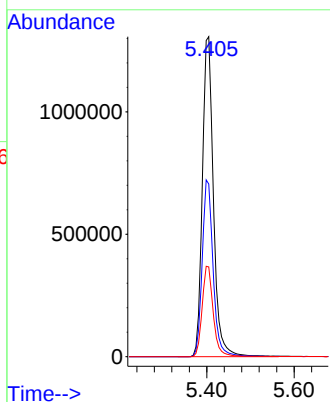
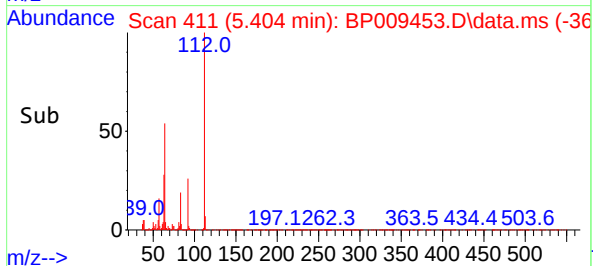
Instrument :
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LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:112 Resp: 2311250
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.1 23.0 34.6

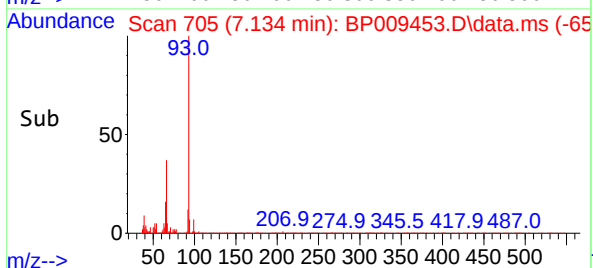
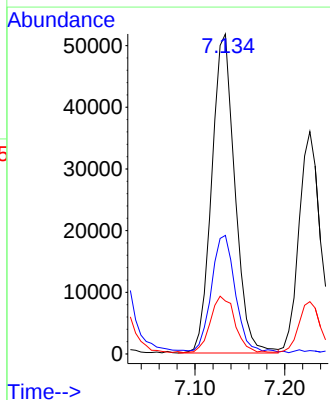
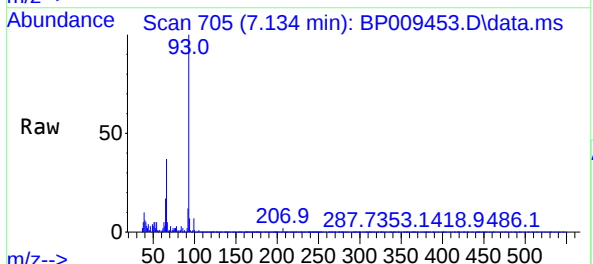
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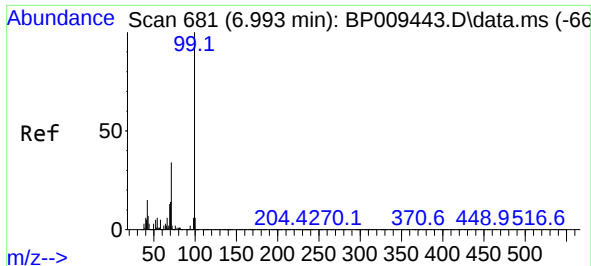
Reviewed By :Christian Giraldo 03/21/2022
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#6
Aniline
Concen: 4.094 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP009453.D
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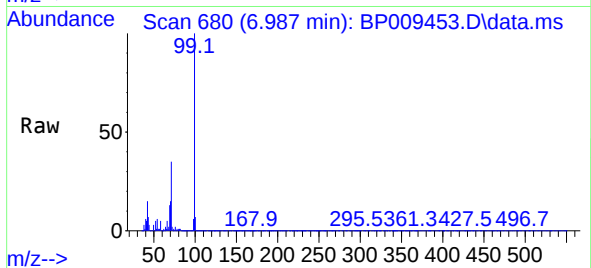
Tgt Ion: 93 Resp: 92757
Ion Ratio Lower Upper
93 100
66 37.0 30.9 46.3
65 16.5 15.8 23.8





#7
Phenol-d6
Concen: 150.493 ng
RT: 6.987 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

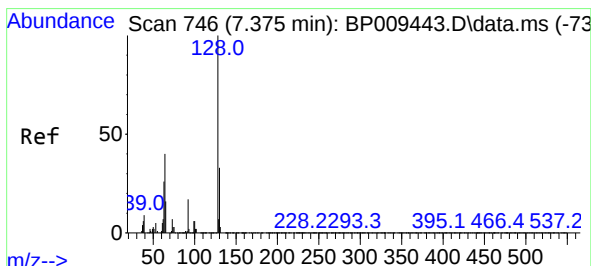
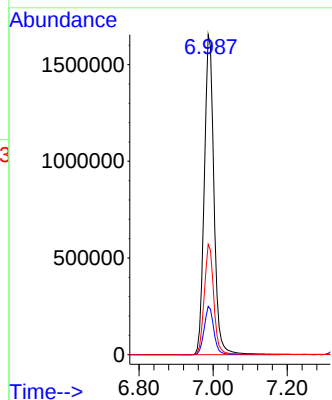
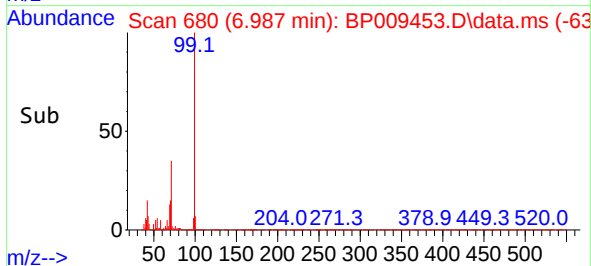
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Tgt Ion: 99 Resp: 2991775
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 34.5 26.3 39.5

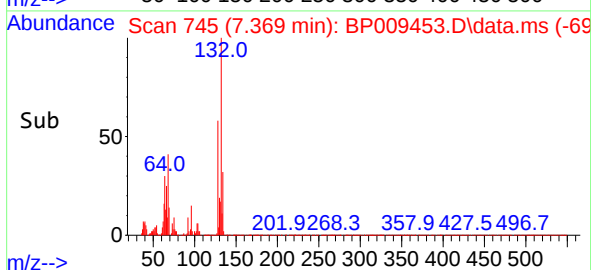
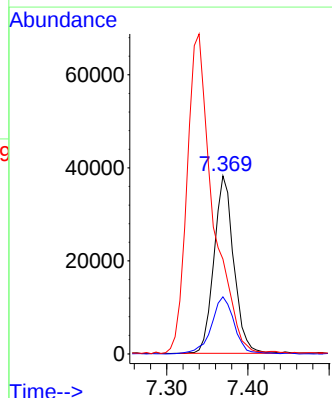
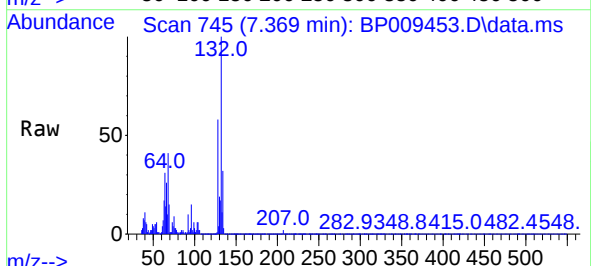
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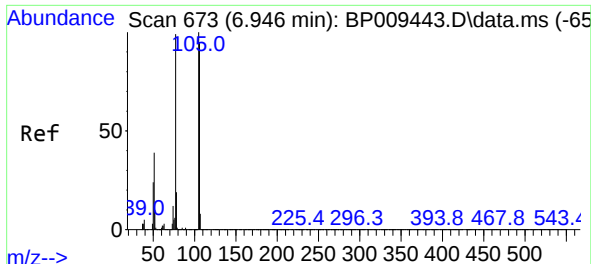
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#8
2-Chlorophenol
Concen: 3.848 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion:128 Resp: 64501
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 53.3 26.2 66.2





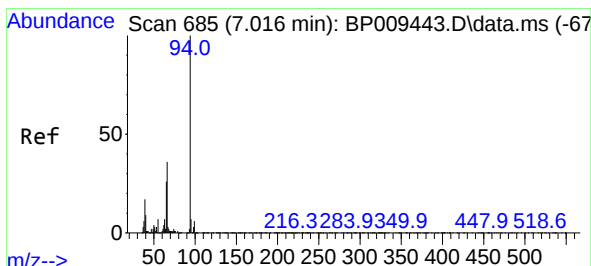
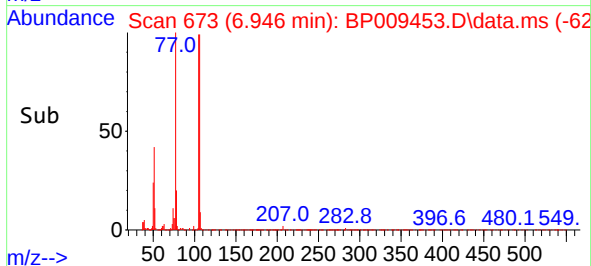
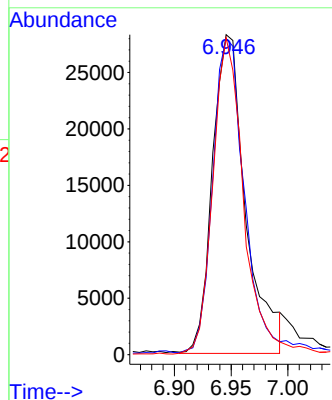
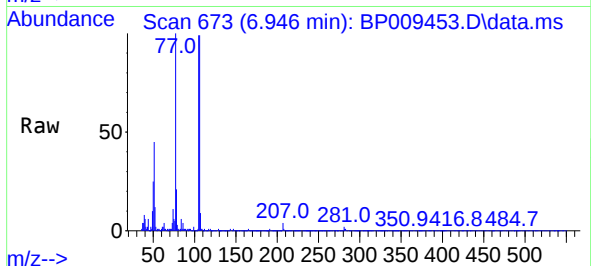
#9
Benzaldehyde
Concen: 5.450 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 77 Resp: 5742
Ion Ratio Lower Upper
77 100
105 98.8 75.2 115.2
106 99.1 72.3 112.3

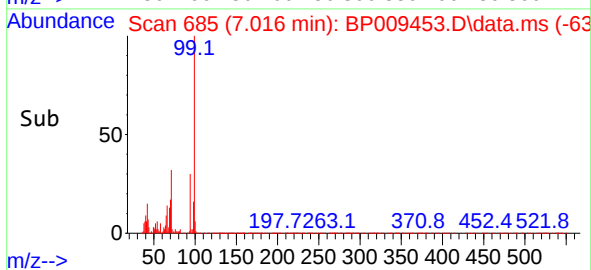
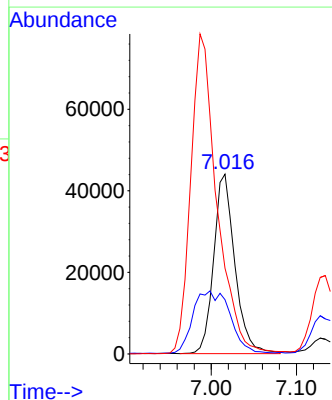
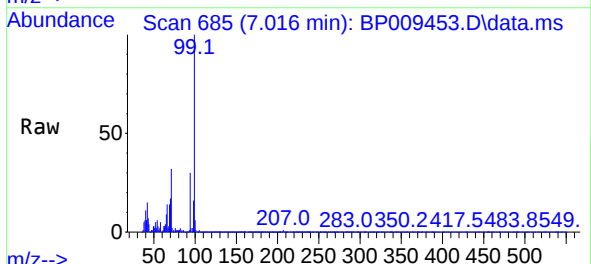
Manual Integrations
APPROVED

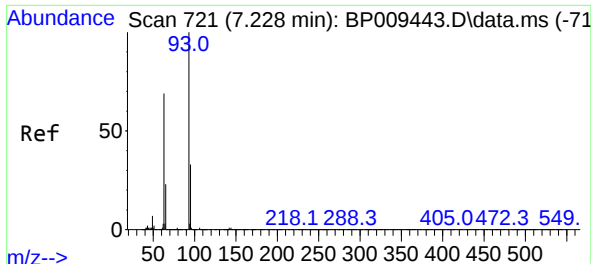
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#10
Phenol
Concen: 3.818 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

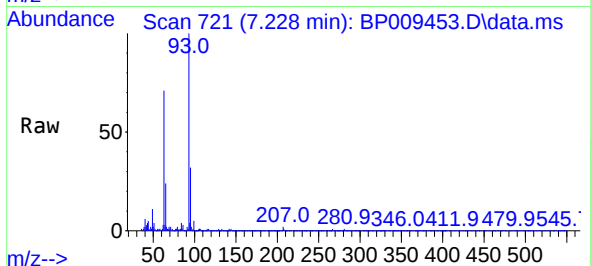
Tgt Ion: 94 Resp: 76151
Ion Ratio Lower Upper
94 100
65 30.2 7.2 47.2
66 47.7 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 3.862 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

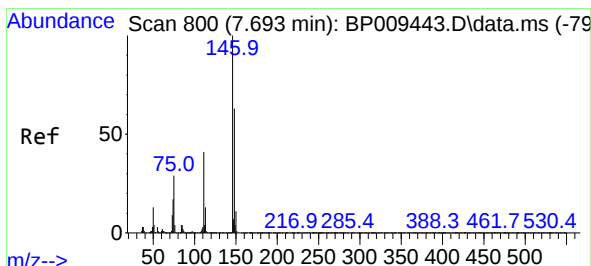
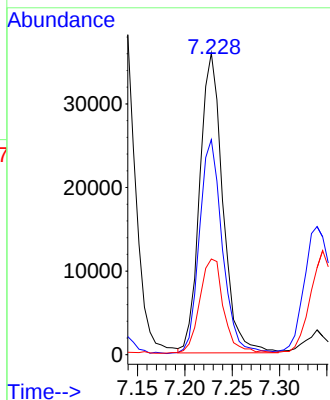
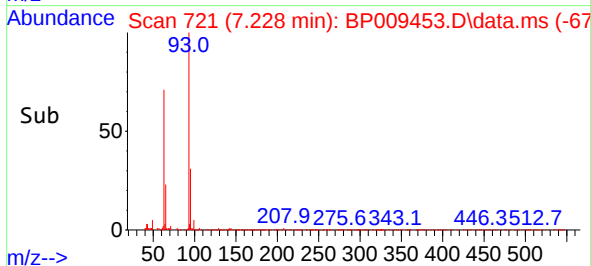
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



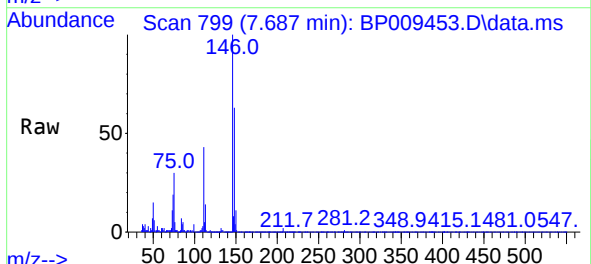
Tgt Ion: 93 Resp: 6096
Ion Ratio Lower Upper
93 100
63 71.3 53.5 93.5
95 31.7 12.0 52.0

Manual Integrations
APPROVED

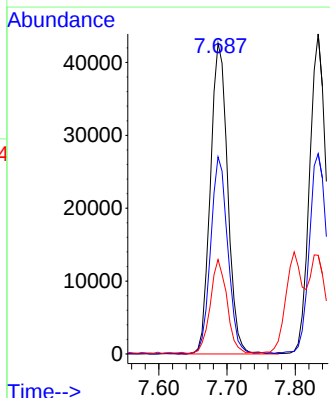
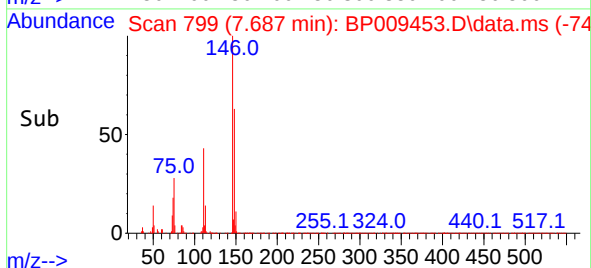
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

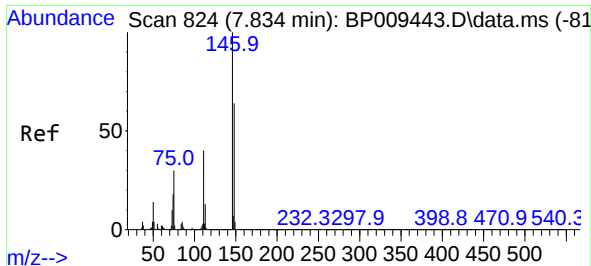


#12
1,3-Dichlorobenzene
Concen: 3.983 ng
RT: 7.687 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



Tgt Ion:146 Resp: 75352
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 30.4 25.3 37.9





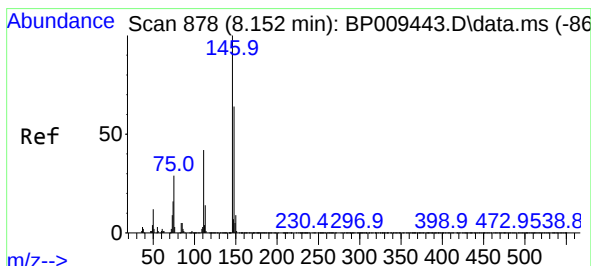
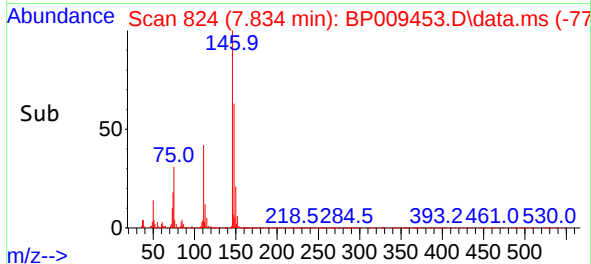
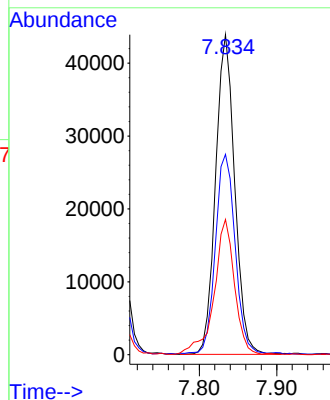
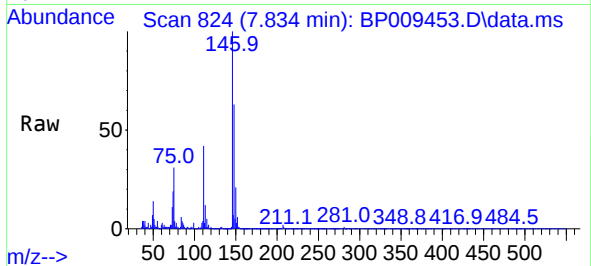
#13
1,4-Dichlorobenzene
Concen: 3.888 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:146 Resp: 7521
Ion Ratio Lower Upper
146 100
148 62.6 51.1 76.7
111 42.3 32.1 48.1

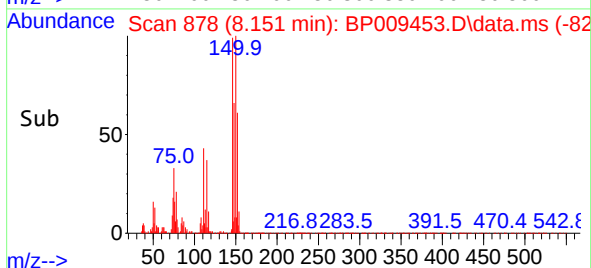
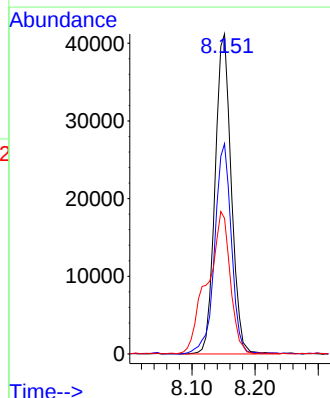
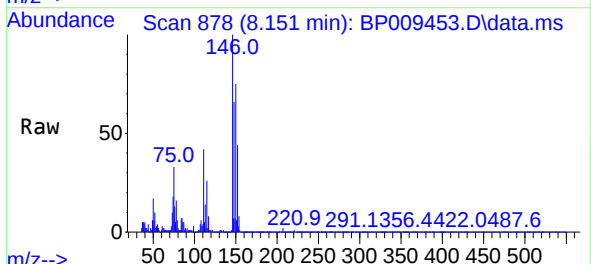
Manual Integrations
APPROVED

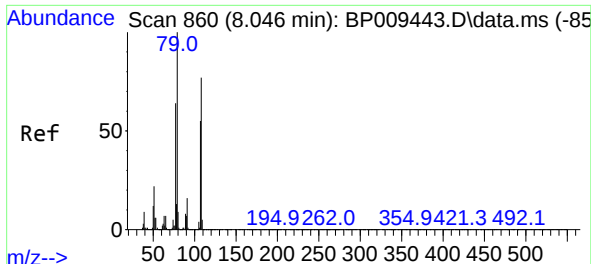
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#14
1,2-Dichlorobenzene
Concen: 3.919 ng
RT: 8.151 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

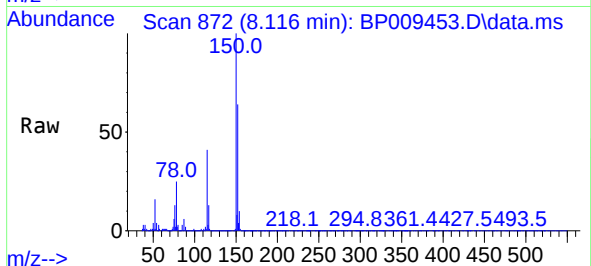
Tgt Ion:146 Resp: 73274
Ion Ratio Lower Upper
146 100
148 65.7 50.9 76.3
111 42.4 34.1 51.1





#15
Benzyl Alcohol
Concen: 4.674 ng m
RT: 8.116 min Scan# 81
Delta R.T. 0.070 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

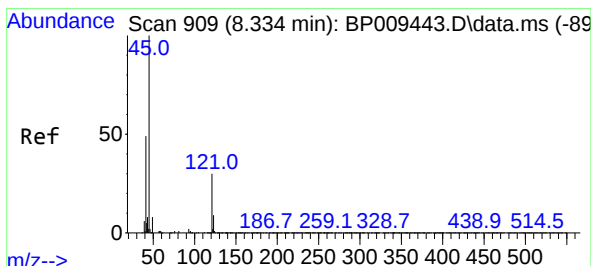
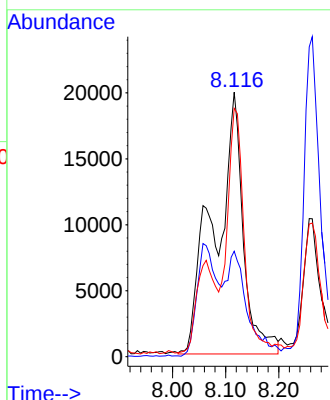
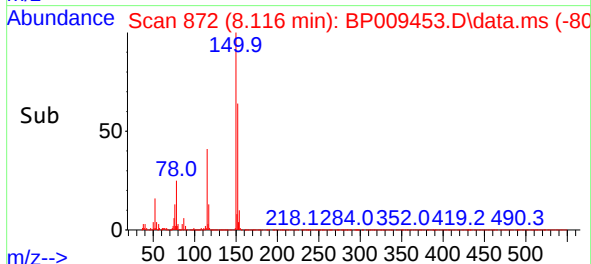
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



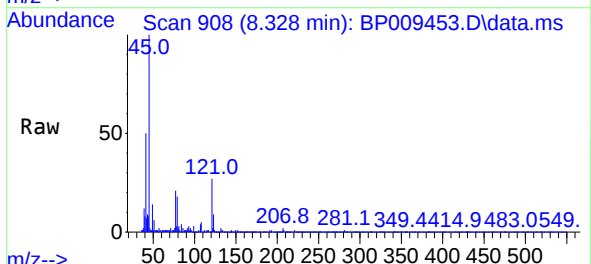
Tgt Ion: 79 Resp: 74070
Ion Ratio Lower Upper
79 100
108 39.9 62.5 93.7
77 93.9 51.7 77.5

Manual Integrations
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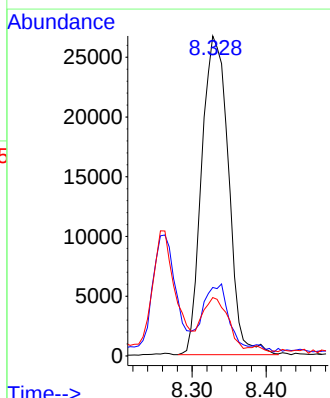
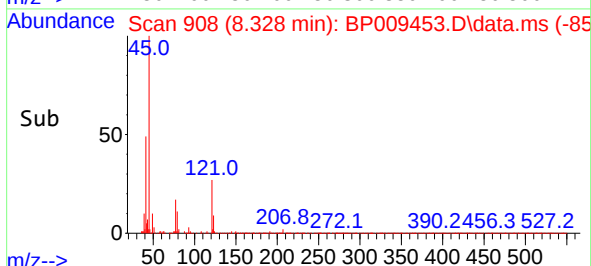
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

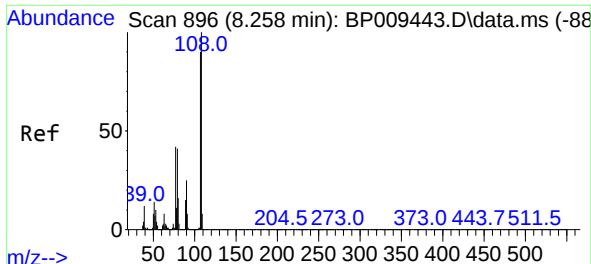


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.904 ng
RT: 8.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



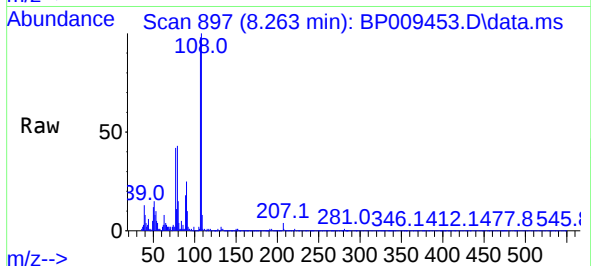
Tgt Ion: 45 Resp: 66800
Ion Ratio Lower Upper
45 100
77 21.4 0.0 36.5
79 18.3 0.0 32.4





#17
2-Methylphenol
Concen: 3.457 ng
RT: 8.263 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

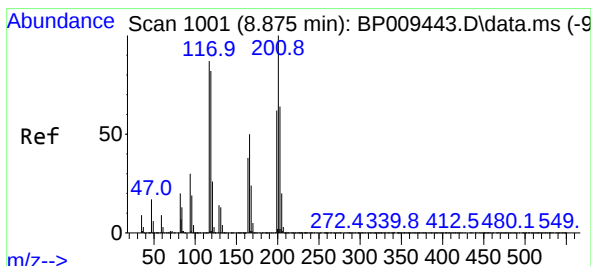
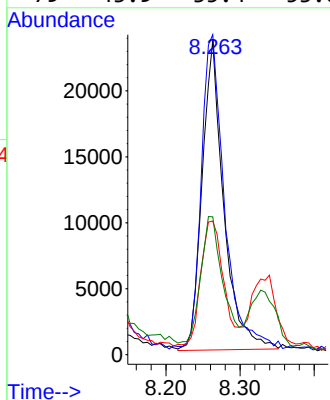
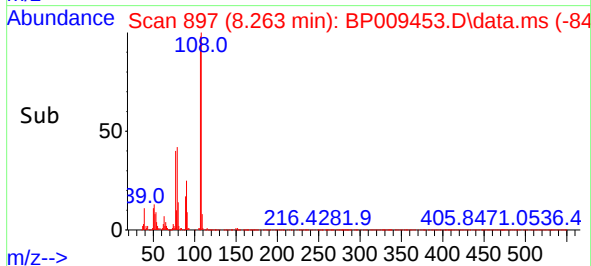
Instrument :
BNA_P
Client Sample Id :
LOD-MDL-SOIL-01-QT1-2022



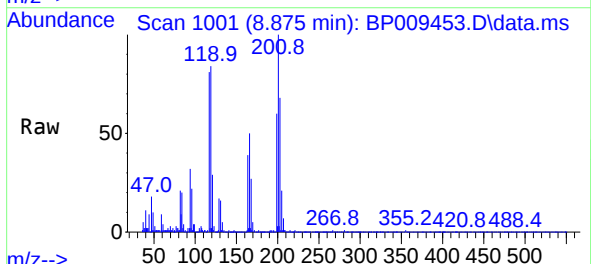
Tgt Ion:107 Resp: 47509
Ion Ratio Lower Upper
107 100
108 101.8 90.2 135.2
77 42.5 36.3 54.5
79 43.9 35.4 53.0

Manual Integrations
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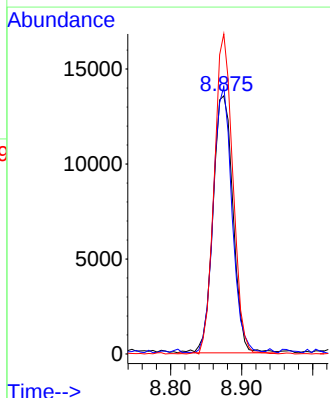
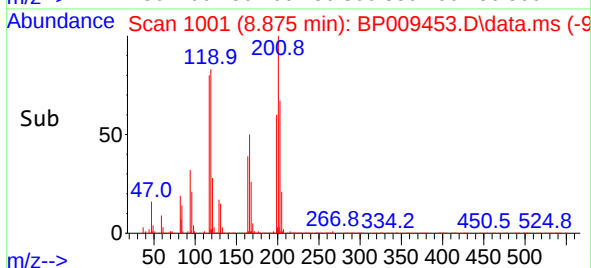
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

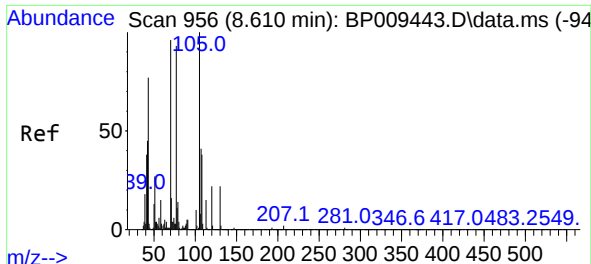


#18
Hexachloroethane
Concen: 3.902 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



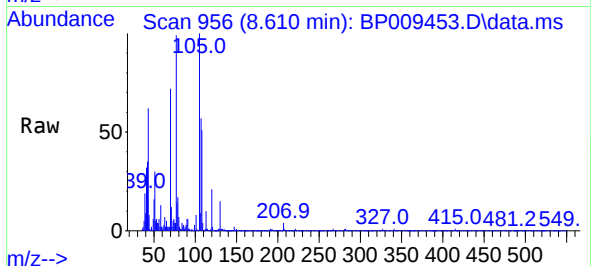
Tgt Ion:117 Resp: 26454
Ion Ratio Lower Upper
117 100
119 103.6 76.4 114.6
201 124.0 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 3.350 ng
RT: 8.610 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

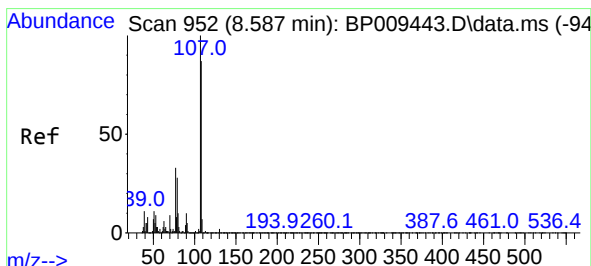
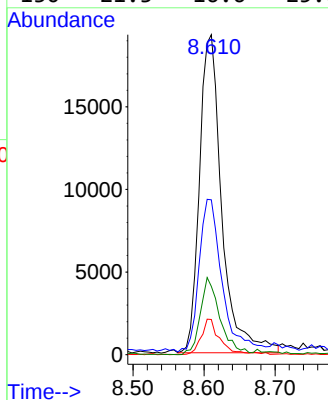
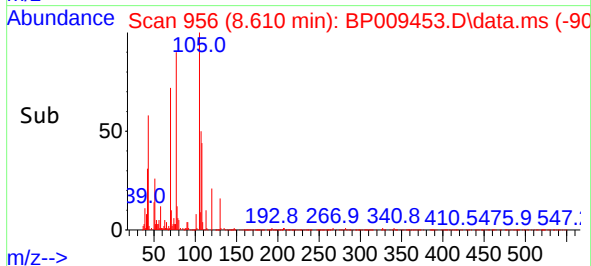
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



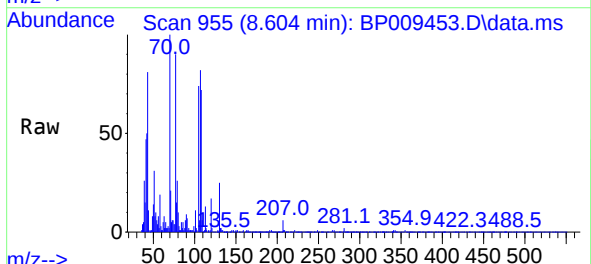
Tgt Ion: 70 Resp: 42129
Ion Ratio Lower Upper
70 100
42 48.4 41.0 61.4
101 11.0 7.9 11.9
130 21.3 16.6 25.0

Manual Integrations
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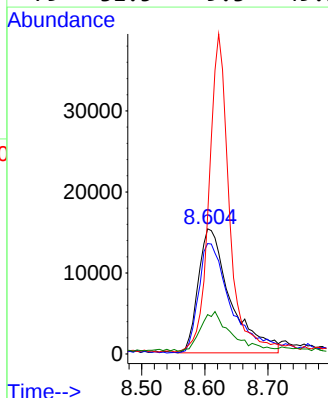
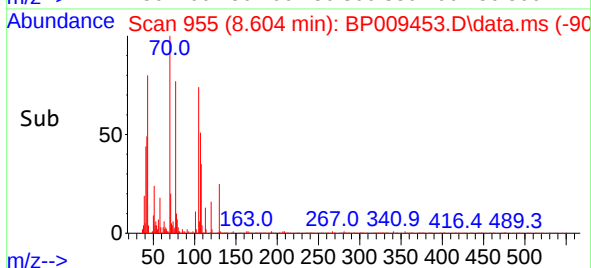
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

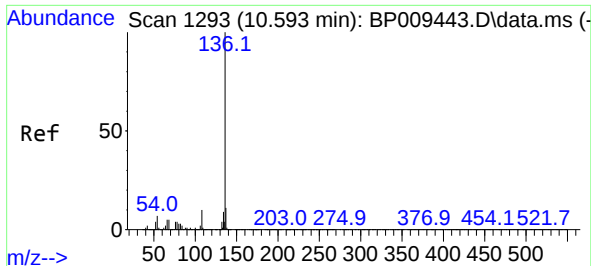


#20
3+4-Methylphenols
Concen: 2.879 ng
RT: 8.604 min Scan# 955
Delta R.T. 0.017 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



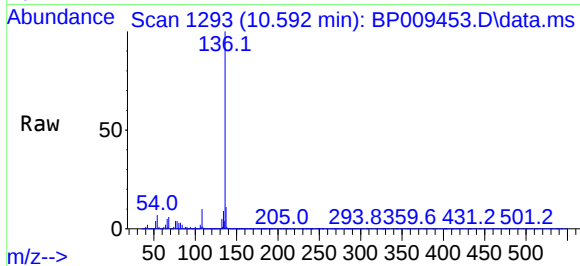
Tgt Ion: 107 Resp: 54411
Ion Ratio Lower Upper
107 100
108 88.2 69.4 109.4
77 110.4 13.6 53.6#
79 31.5 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

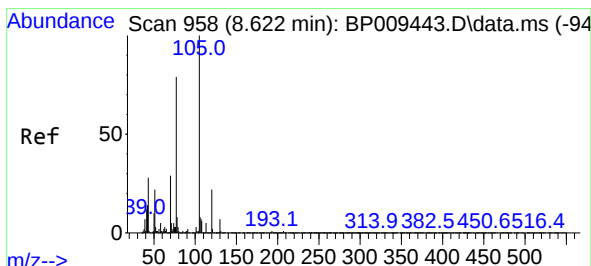
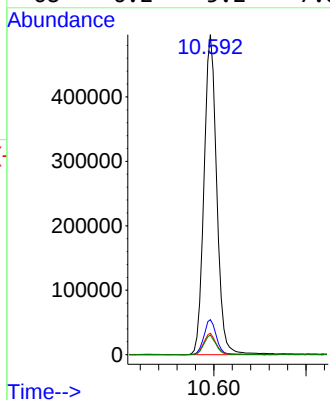
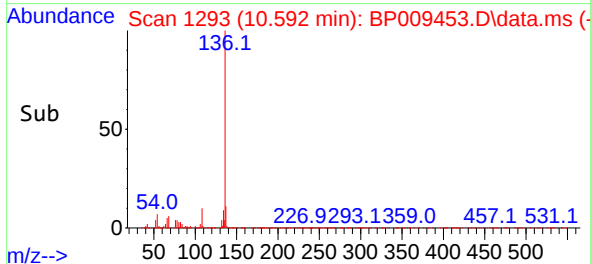
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



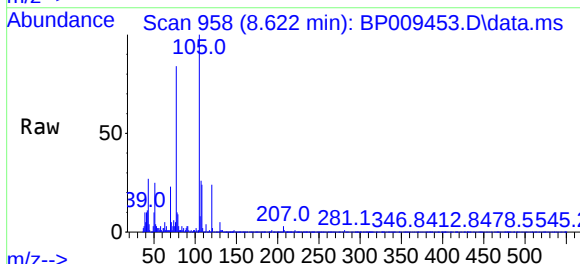
Tgt Ion:136 Resp: 95732
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 5.8 8.8
68 6.2 5.2 7.8

Manual Integrations
APPROVED

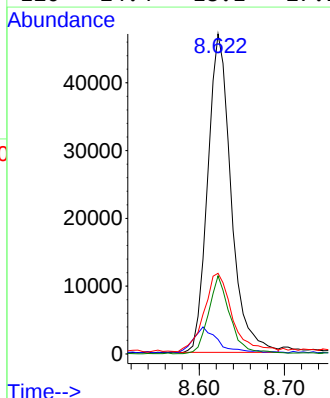
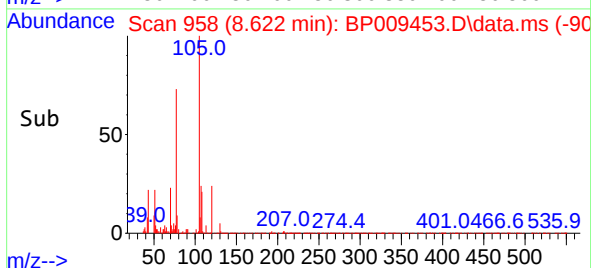
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

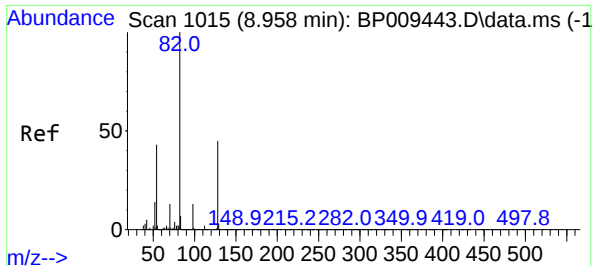


#22
Acetophenone
Concen: 3.771 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



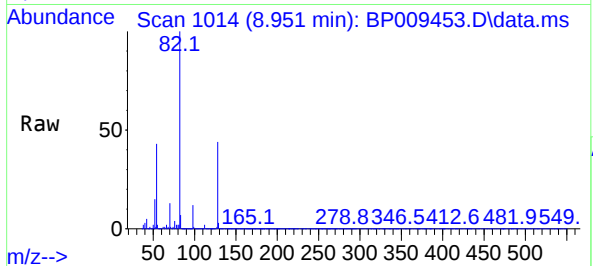
Tgt Ion:105 Resp: 89349
Ion Ratio Lower Upper
105 100
71 4.6 5.5 8.3#
51 25.2 18.9 28.3
120 24.4 18.1 27.1





#23
Nitrobenzene-d5
Concen: 87.113 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

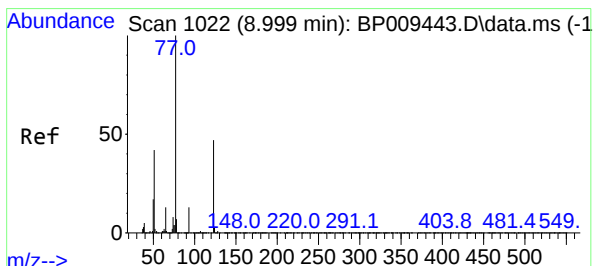
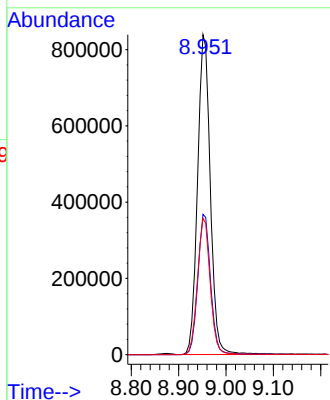
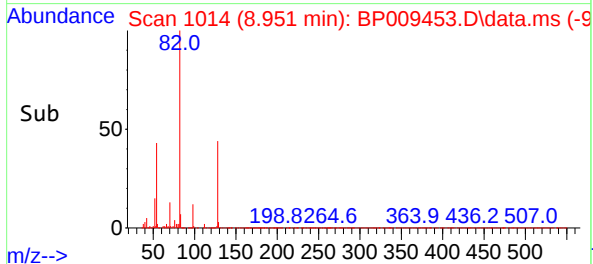
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 82 Resp: 1569340
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 42.6 34.7 52.1

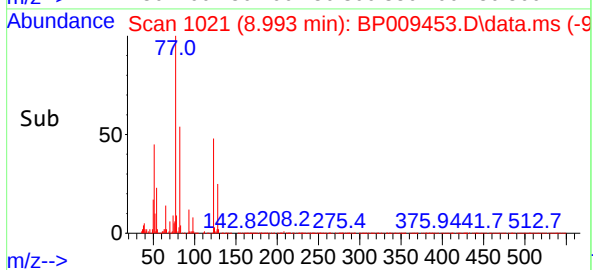
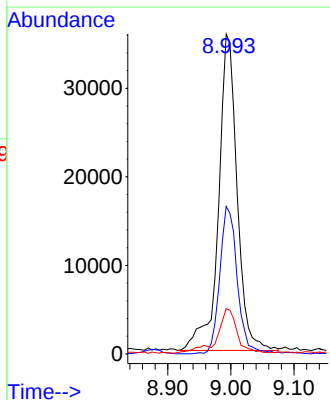
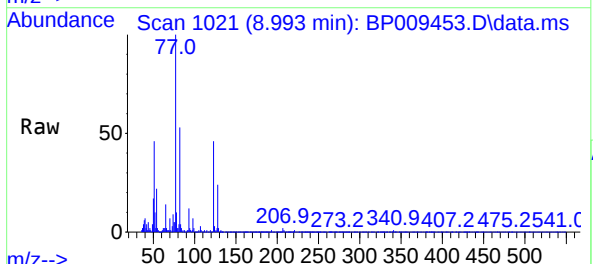
Manual Integrations
APPROVED

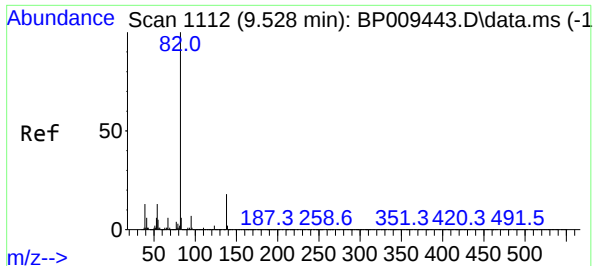
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#24
Nitrobenzene
Concen: 4.311 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

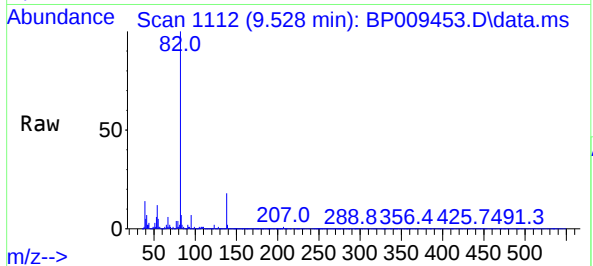
Tgt Ion: 77 Resp: 73360
Ion Ratio Lower Upper
77 100
123 46.1 35.5 53.3
65 14.2 10.3 15.5





#25
Isophorone
Concen: 3.866 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

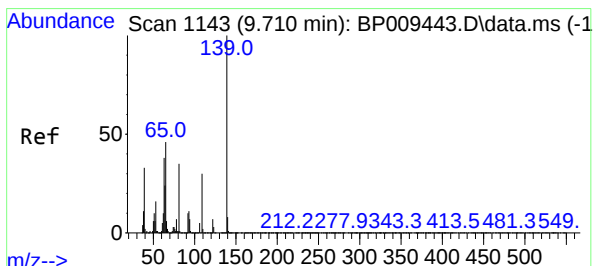
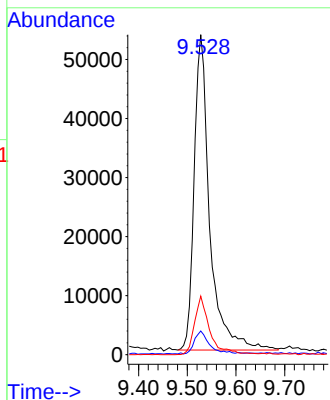
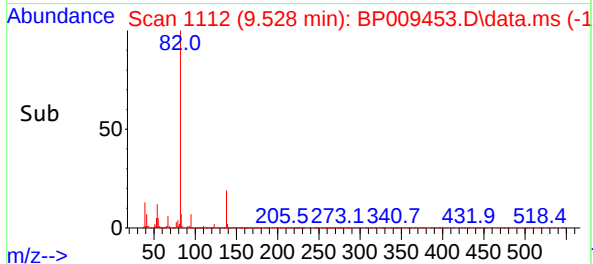
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



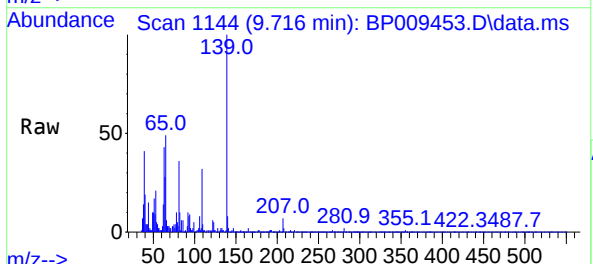
Tgt Ion: 82 Resp: 11880
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.3 13.8 20.8

Manual Integrations
APPROVED

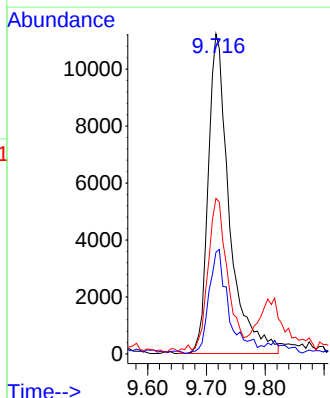
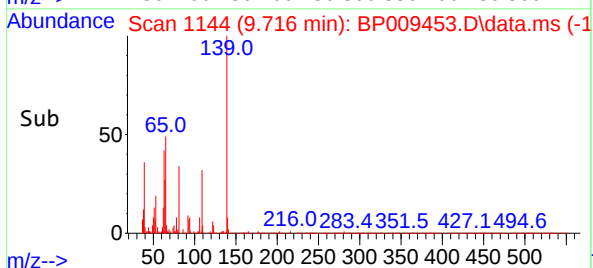
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

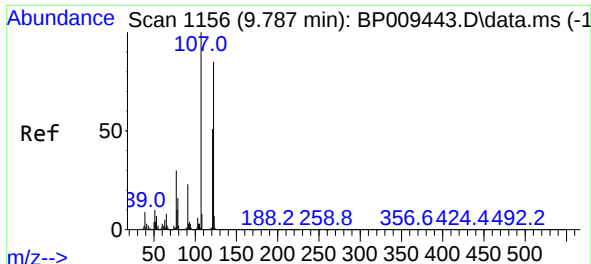


#26
2-Nitrophenol
Concen: 3.169 ng
RT: 9.716 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



Tgt Ion:139 Resp: 28111
Ion Ratio Lower Upper
139 100
109 31.8 23.4 35.0
65 48.6 41.0 61.6





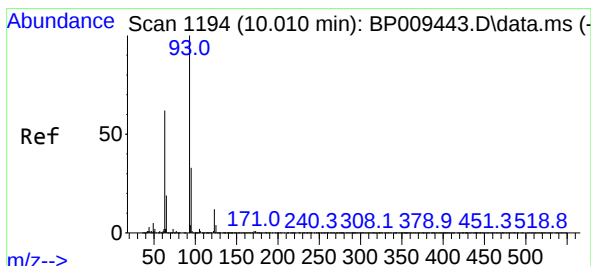
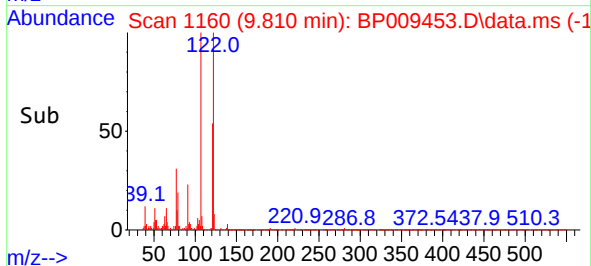
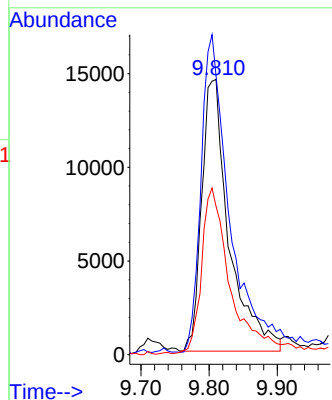
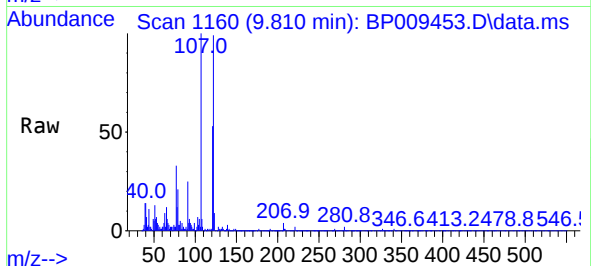
#27
2,4-Dimethylphenol
Concen: 3.255 ng
RT: 9.810 min Scan# 1156
Delta R.T. 0.023 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:122 Resp: 40740
Ion Ratio Lower Upper
122 100
107 101.3 92.6 138.8
121 53.9 46.7 70.1

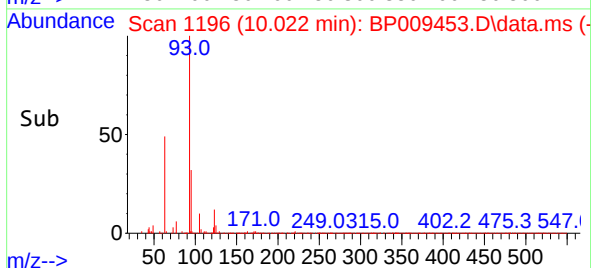
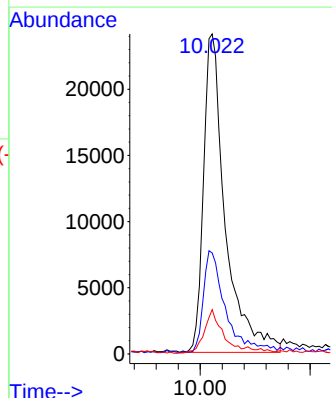
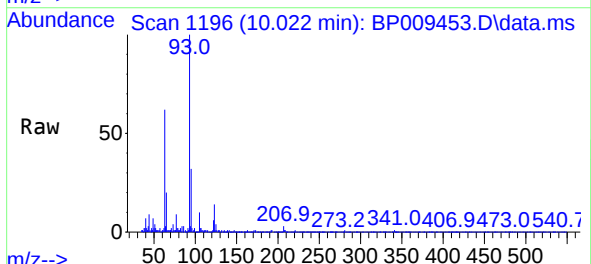
Manual Integrations
APPROVED

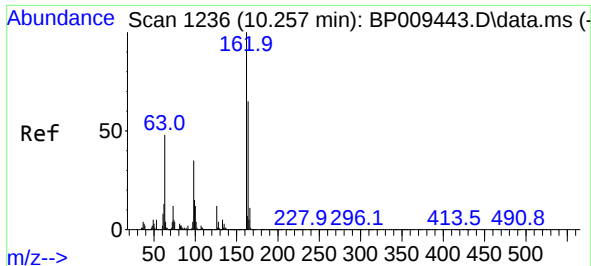
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 3.312 ng
RT: 10.022 min Scan# 1196
Delta R.T. 0.011 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion: 93 Resp: 66266
Ion Ratio Lower Upper
93 100
95 31.5 25.5 38.3
123 13.8 8.9 13.3#





#29

2,4-Dichlorophenol

Concen: 2.838 ng

RT: 10.292 min Scan# 1

Delta R.T. 0.035 min

Lab File: BP009453.D

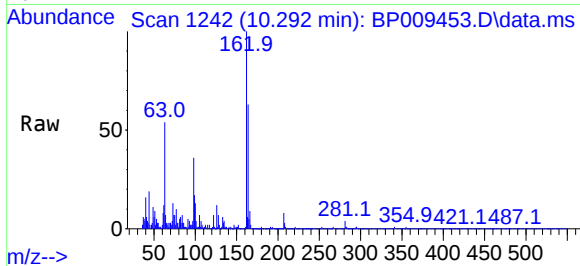
Acq: 18 Mar 2022 12:27

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



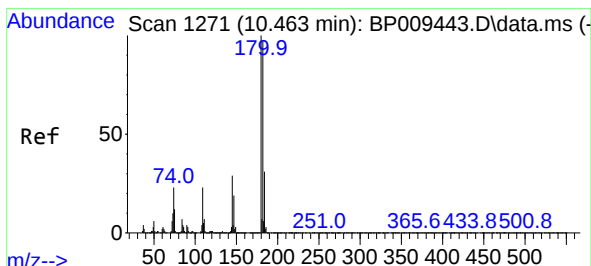
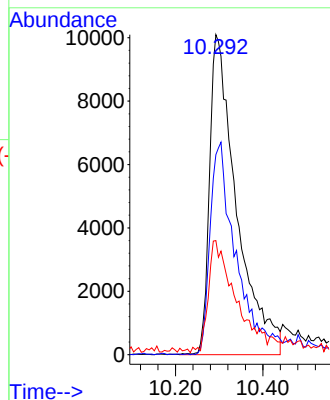
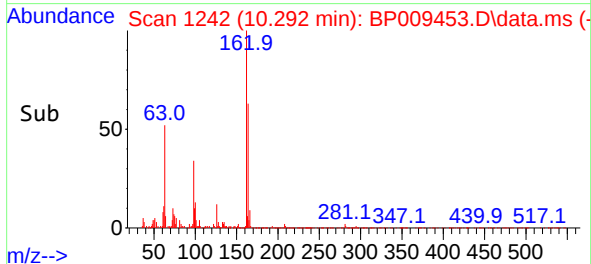
Tgt Ion:	162	Resp:	43320
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.3	84.3
98	35.7	15.6	55.6

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 03/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.846 ng

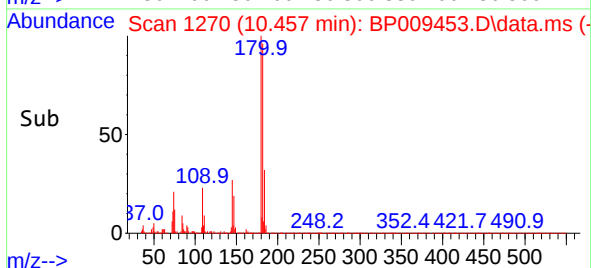
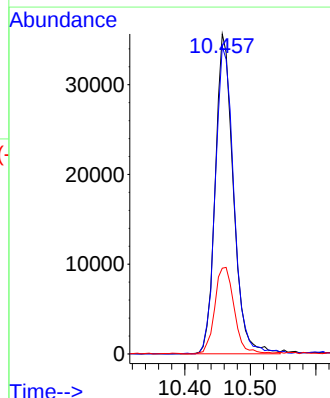
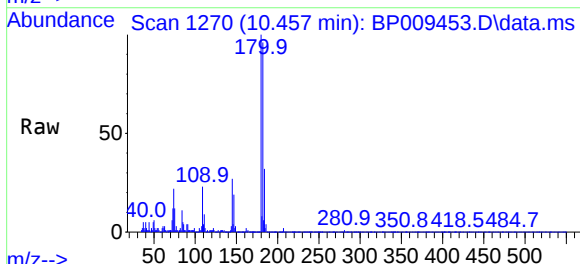
RT: 10.457 min Scan# 1270

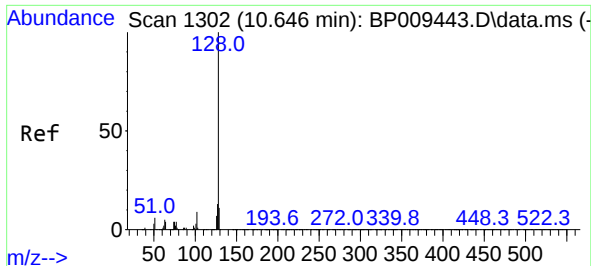
Delta R.T. -0.006 min

Lab File: BP009453.D

Acq: 18 Mar 2022 12:27

Tgt Ion:	180	Resp:	68035
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	26.8	23.8	35.6





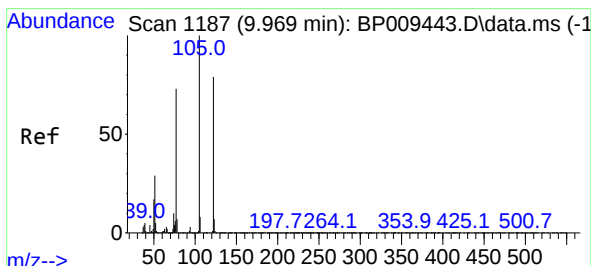
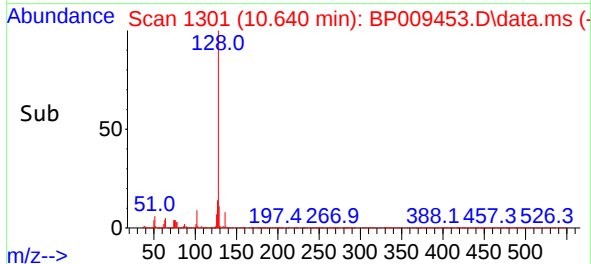
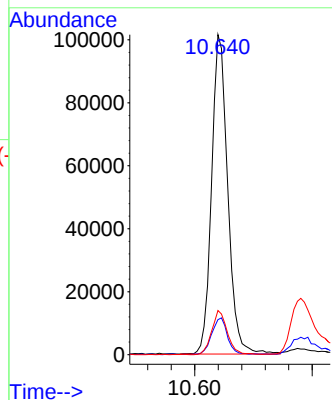
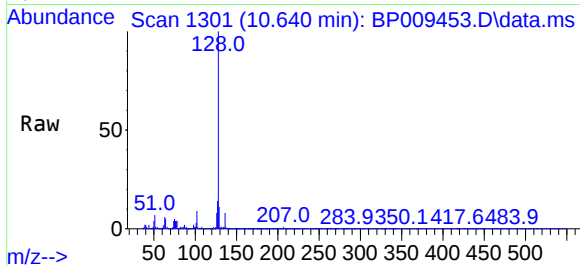
#31
Naphthalene
Concen: 3.924 ng
RT: 10.640 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:128 Resp: 19349
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.8 10.5 15.7

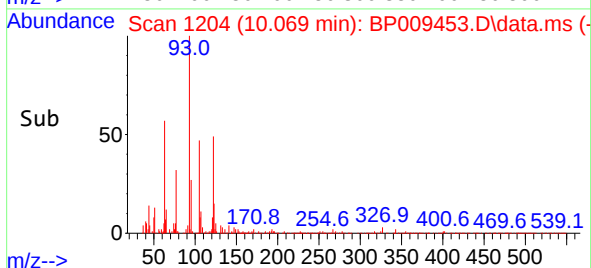
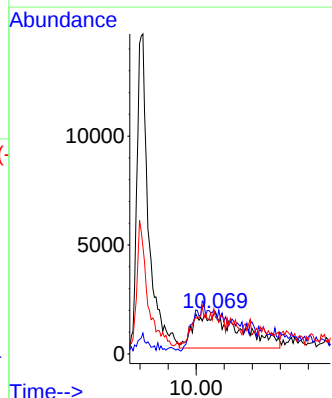
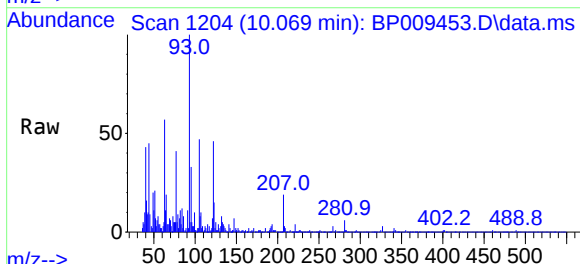
Manual Integrations
APPROVED

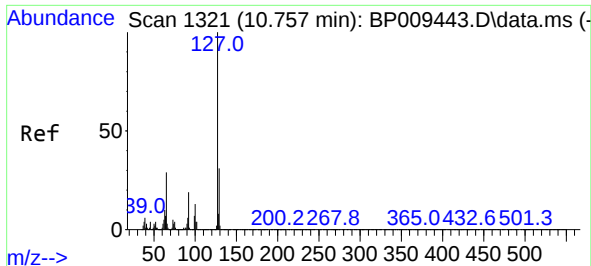
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 1.917 ng m
RT: 10.069 min Scan# 1204
Delta R.T. 0.100 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion:122 Resp: 18763
Ion Ratio Lower Upper
122 100
105 102.3 110.5 150.5#
77 88.3 79.9 119.9





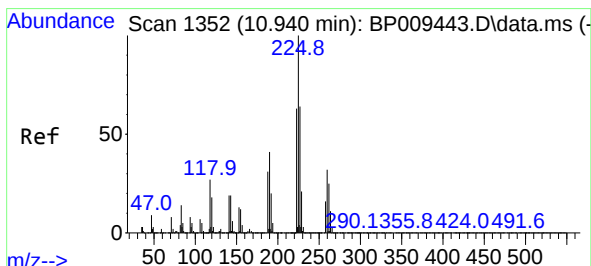
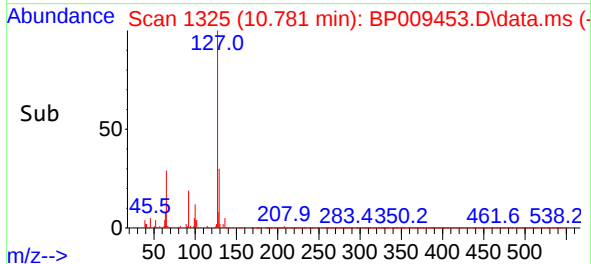
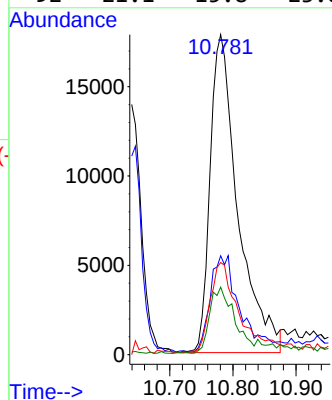
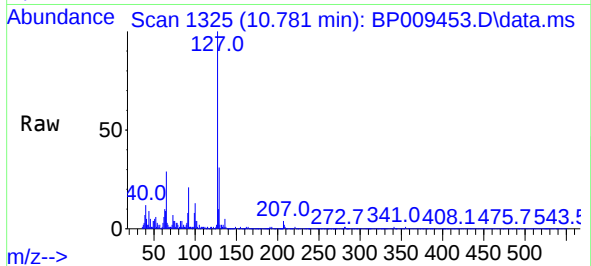
#33
4-Chloroaniline
Concen: 2.712 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.023 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:	127	Resp:	5456
Ion Ratio	Lower	Upper	
127	100		
129	30.9	25.5	38.3
65	28.8	24.3	36.5
92	21.1	15.8	23.8

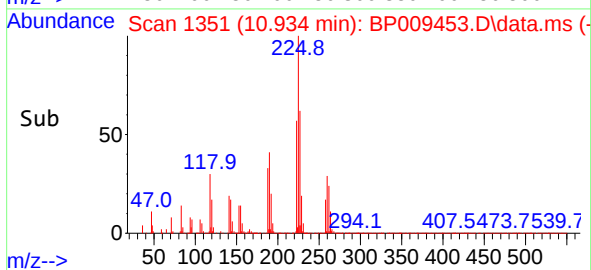
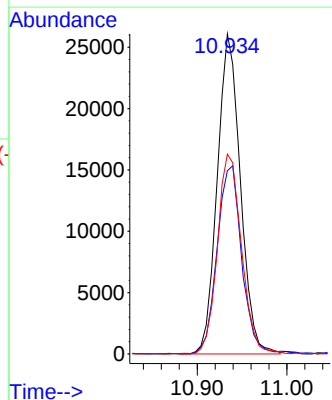
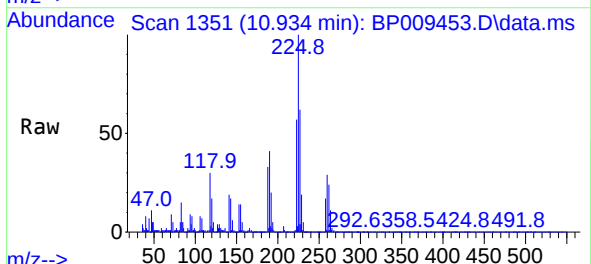
Manual Integrations
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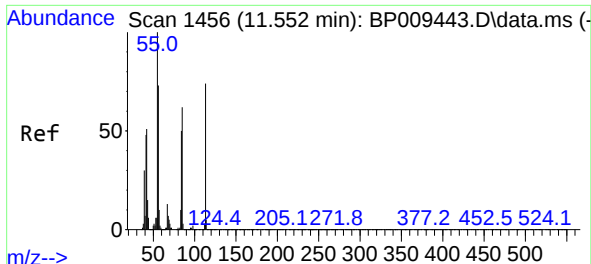
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 3.891 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion:	225	Resp:	46633
Ion Ratio	Lower	Upper	
225	100		
223	57.3	50.5	75.7
227	62.5	51.2	76.8





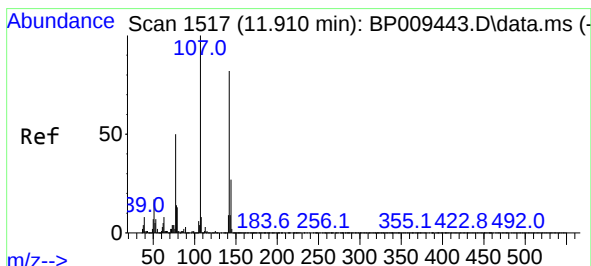
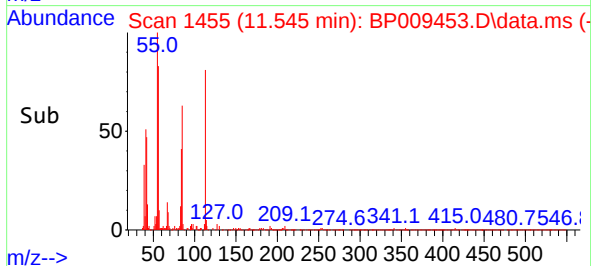
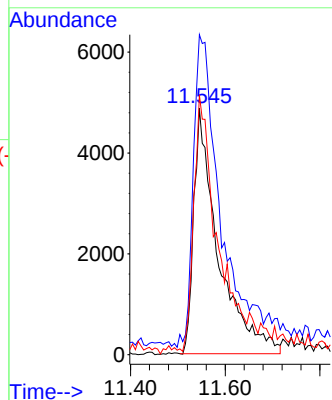
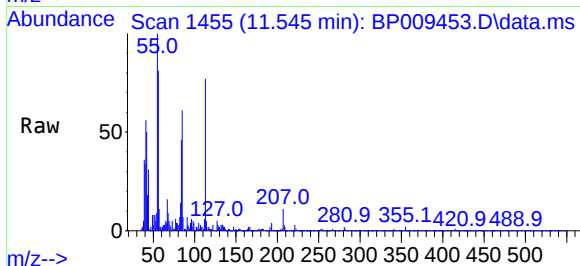
#35
Caprolactam
Concen: 3.397 ng
RT: 11.545 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:113 Resp: 1750
Ion Ratio Lower Upper
113 100
55 129.8 128.4 168.4
56 105.4 90.9 130.9

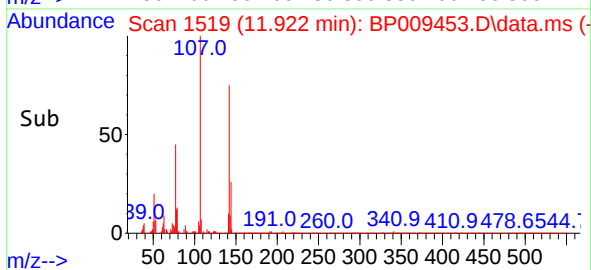
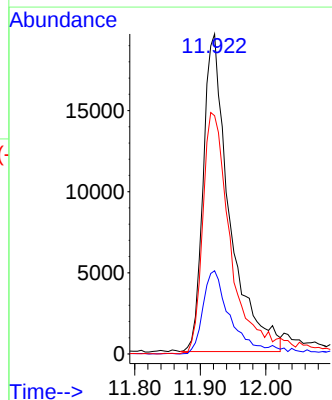
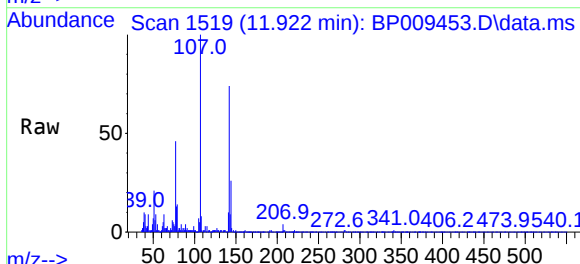
Manual Integrations
APPROVED

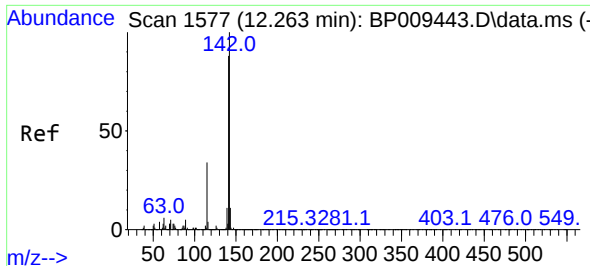
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#36
4-Chloro-3-methylphenol
Concen: 3.329 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

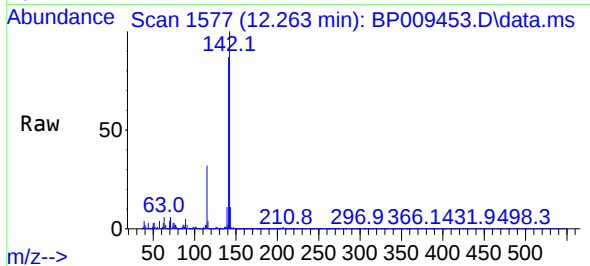
Tgt Ion:107 Resp: 54612
Ion Ratio Lower Upper
107 100
144 26.0 21.0 31.4
142 74.4 64.9 97.3





#37
2-Methylnaphthalene
Concen: 3.514 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

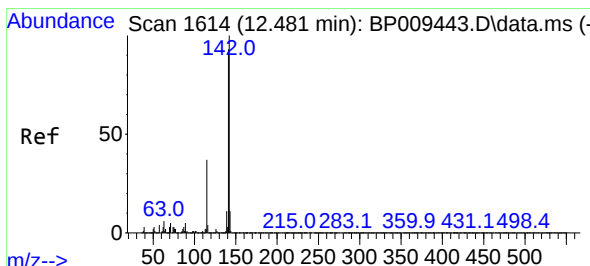
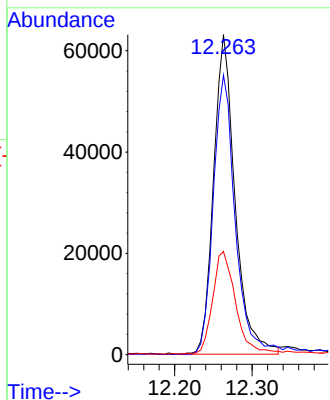
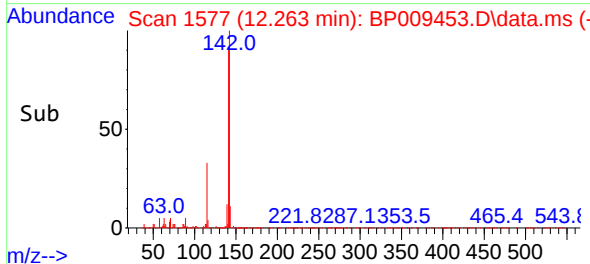
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



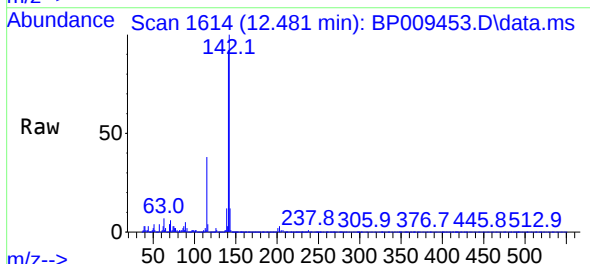
Tgt Ion:142 Resp: 121585
Ion Ratio Lower Upper
142 100
141 87.4 70.2 105.4
115 32.3 27.4 41.2

Manual Integrations
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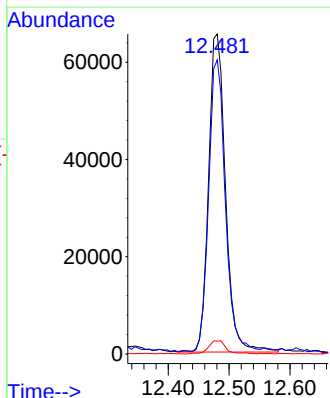
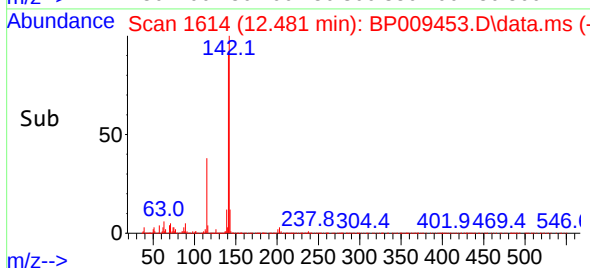
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

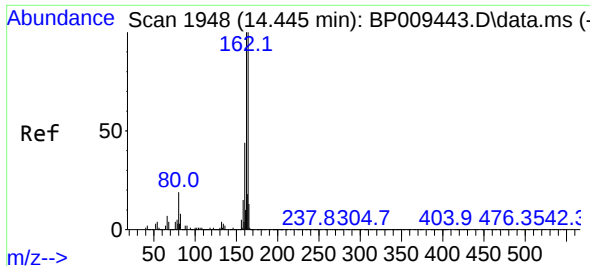


#38
1-Methylnaphthalene
Concen: 3.753 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



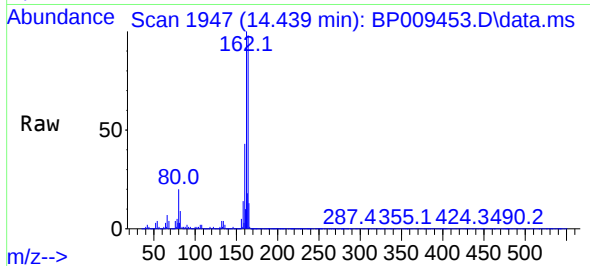
Tgt Ion:142 Resp: 126511
Ion Ratio Lower Upper
142 100
141 91.9 73.5 110.3
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

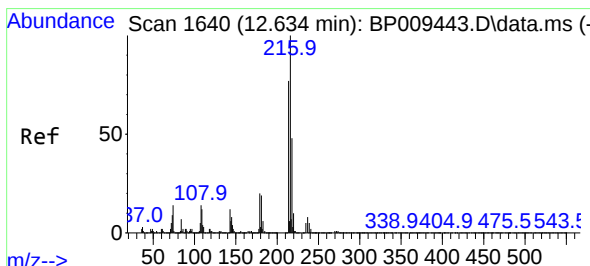
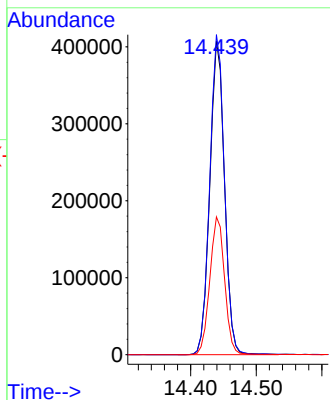
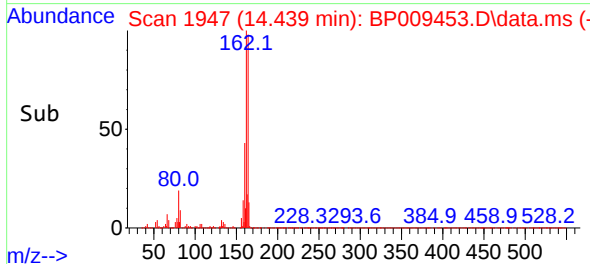
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:164 Resp: 63312
Ion Ratio Lower Upper
164 100
162 102.1 79.1 118.7
160 43.9 34.9 52.3

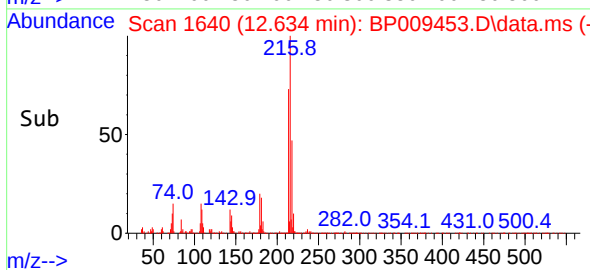
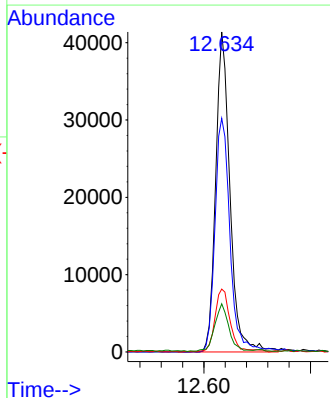
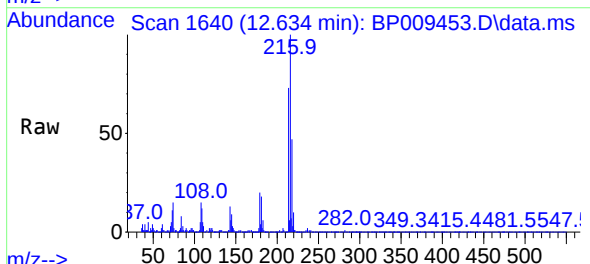
Manual Integrations
APPROVED

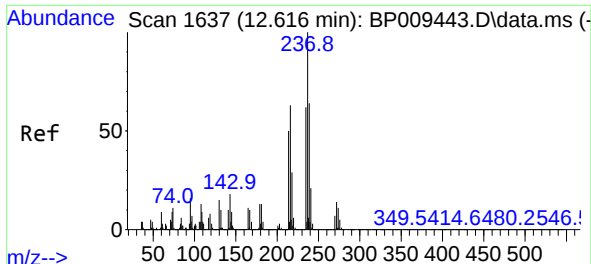
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.663 ng
RT: 12.634 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

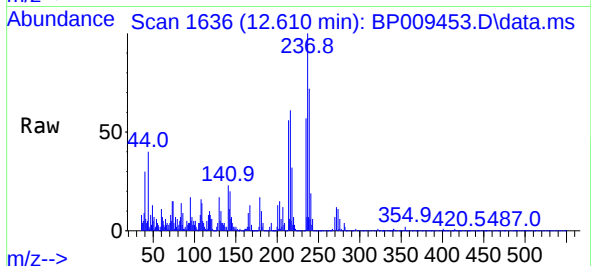
Tgt Ion:216 Resp: 76953
Ion Ratio Lower Upper
216 100
214 76.3 62.3 93.5
179 21.3 16.8 25.2
108 14.6 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 1.118 ng
RT: 12.610 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

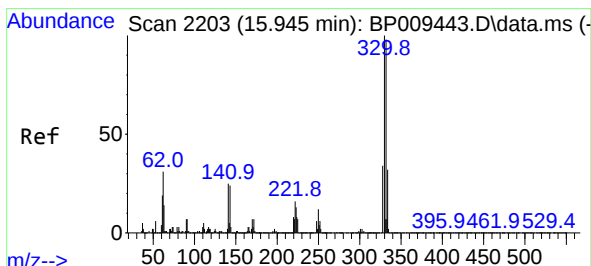
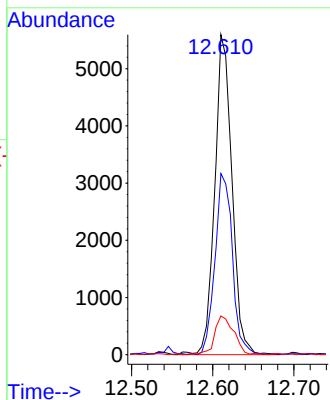
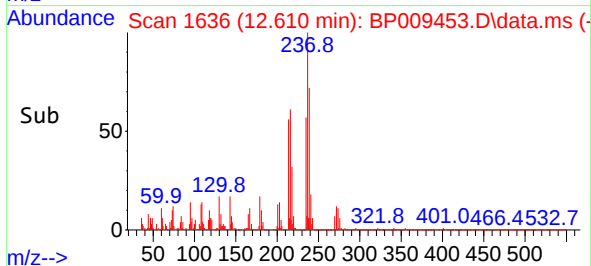
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



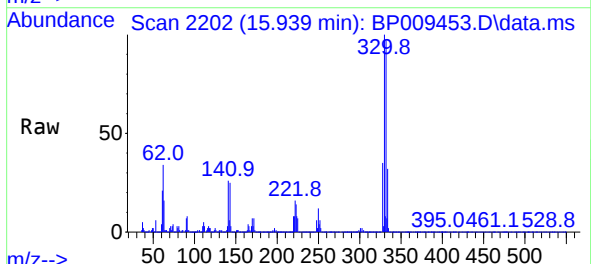
Tgt Ion: 237 Resp: 827
Ion Ratio Lower Upper
237 100
235 56.6 42.6 82.6
272 12.1 0.0 32.8

Manual Integrations
APPROVED

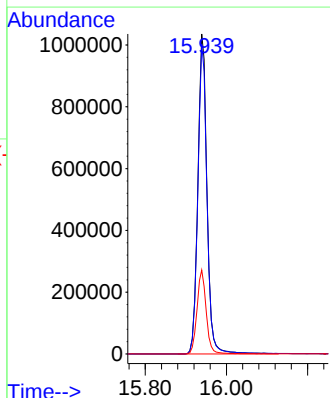
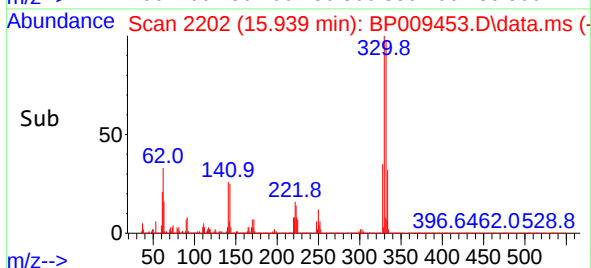
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022

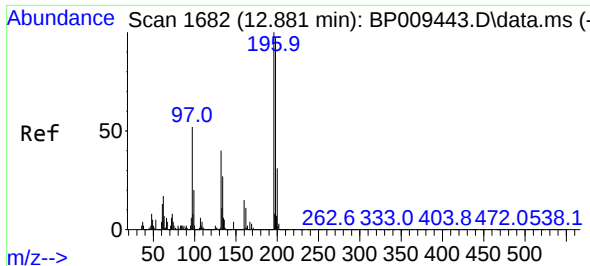


#42
2,4,6-Tribromophenol
Concen: 156.039 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



Tgt Ion: 330 Resp: 1630241
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 26.3 27.6 41.4#





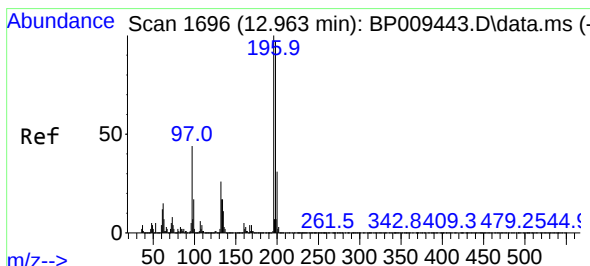
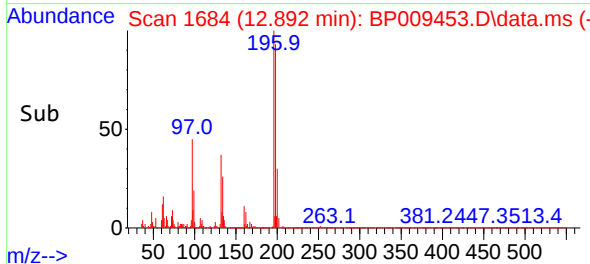
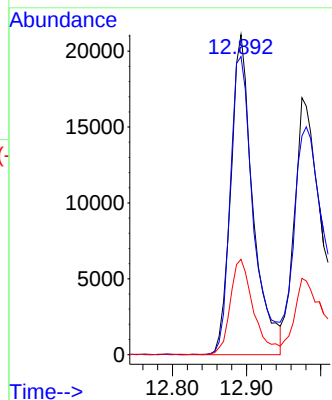
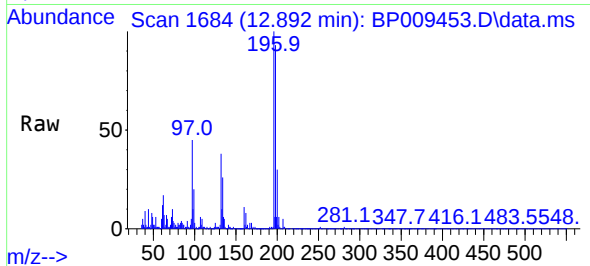
#43
2,4,6-Trichlorophenol
Concen: 3.146 ng
RT: 12.892 min Scan# 1682
Delta R.T. 0.011 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:196 Resp: 4380
Ion Ratio Lower Upper
196 100
198 93.1 76.2 114.4
200 29.8 24.4 36.6

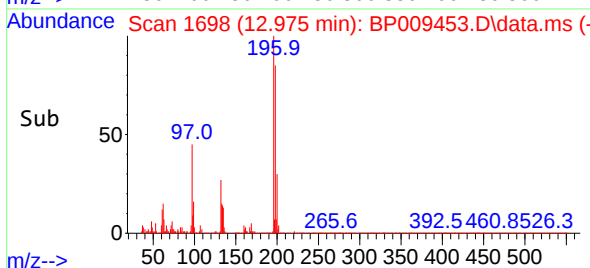
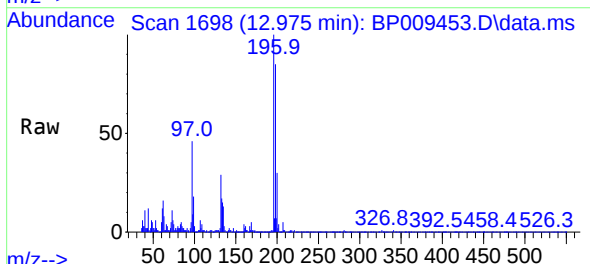
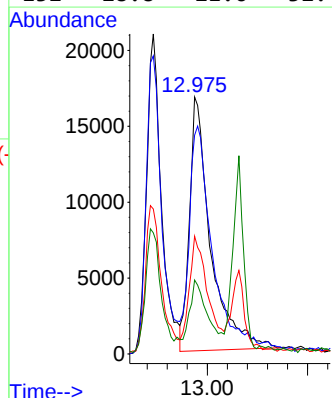
Manual Integrations
APPROVED

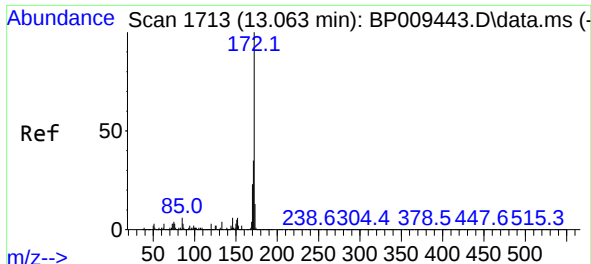
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#44
2,4,5-Trichlorophenol
Concen: 3.247 ng
RT: 12.975 min Scan# 1698
Delta R.T. 0.011 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

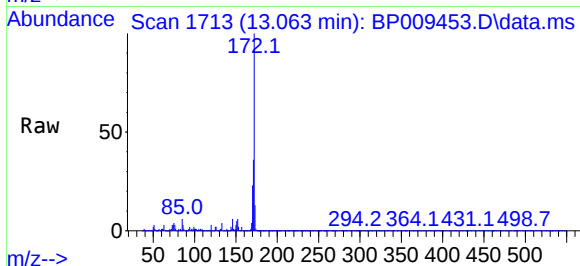
Tgt Ion:196 Resp: 49099
Ion Ratio Lower Upper
196 100
198 85.1 76.6 114.8
97 45.8 38.3 57.5
132 28.8 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 86.317 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

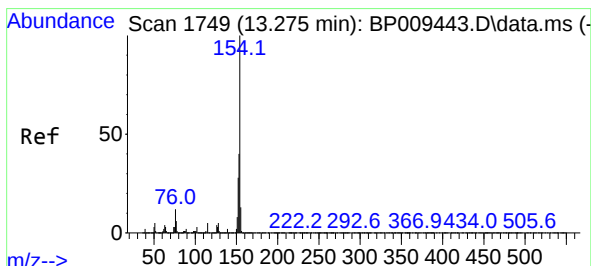
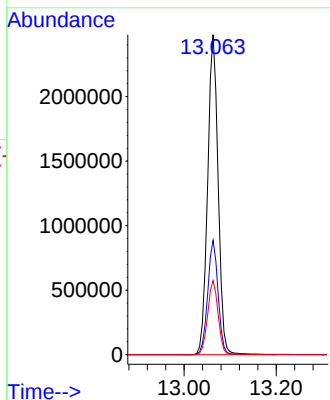
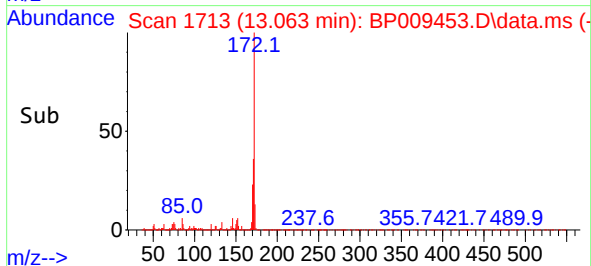
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



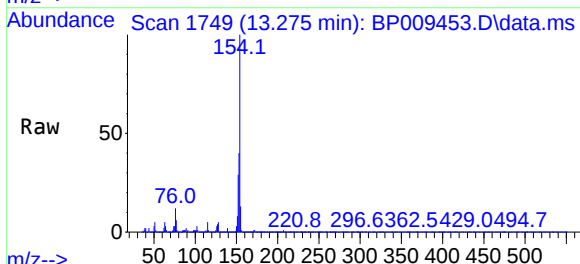
Tgt Ion:172 Resp: 394211
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.1 18.6 27.8

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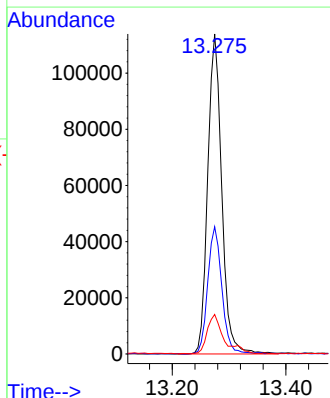
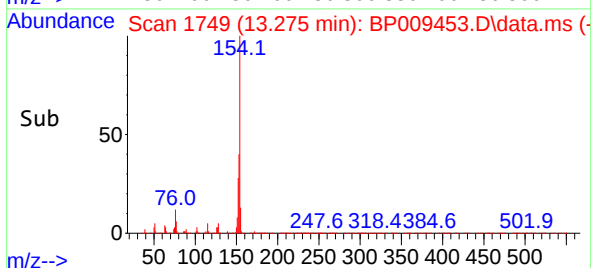
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

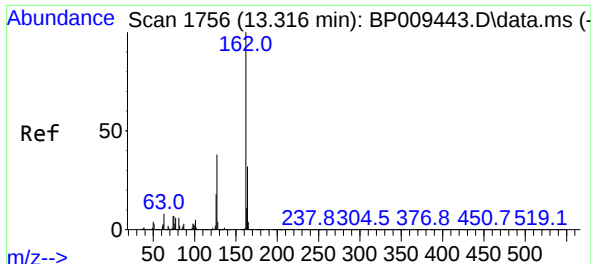


#46
1,1'-Biphenyl
Concen: 4.115 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



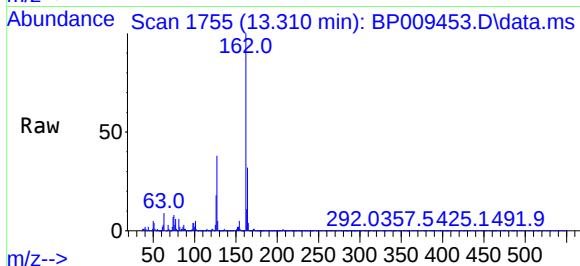
Tgt Ion:154 Resp: 194346
Ion Ratio Lower Upper
154 100
153 39.8 20.2 60.2
76 12.3 0.0 34.0





#47
2-Chloronaphthalene
Concen: 3.882 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

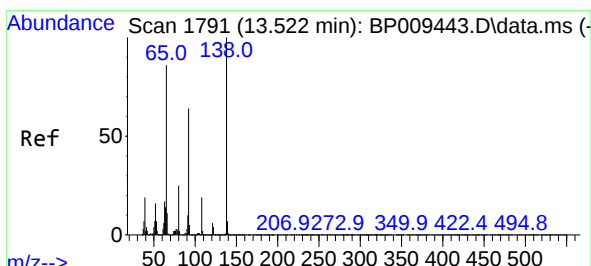
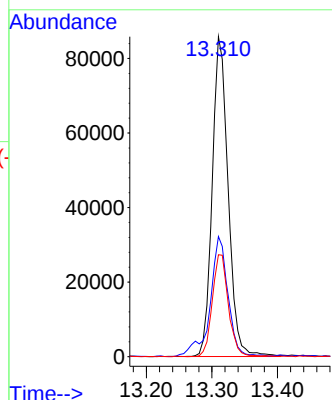
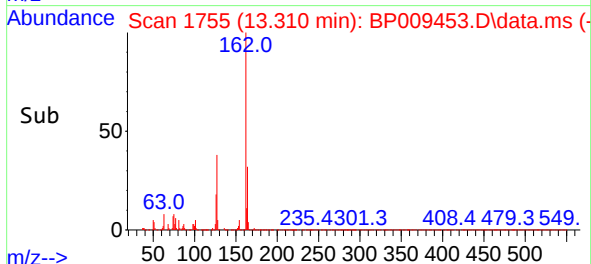
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



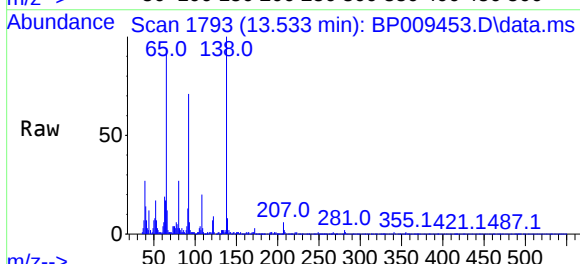
Tgt Ion: 162 Resp: 144359
Ion Ratio Lower Upper
162 100
127 37.6 30.8 46.2
164 31.9 26.3 39.5

Manual Integrations
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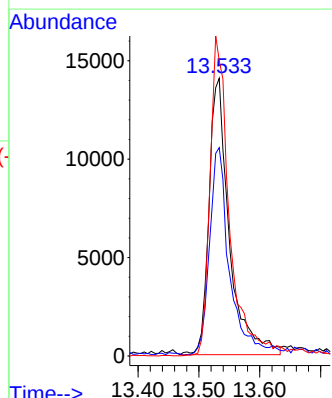
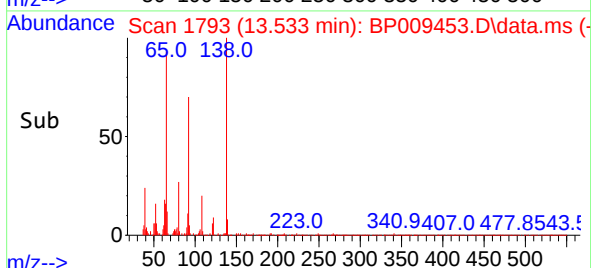
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022

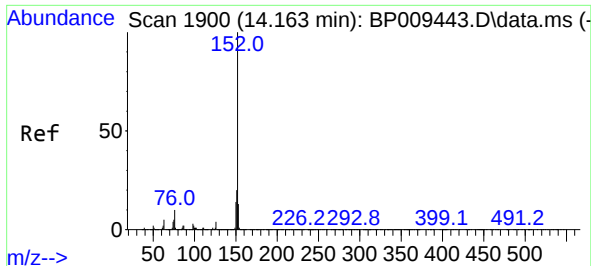


#48
2-Nitroaniline
Concen: 3.217 ng
RT: 13.533 min Scan# 1793
Delta R.T. 0.011 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



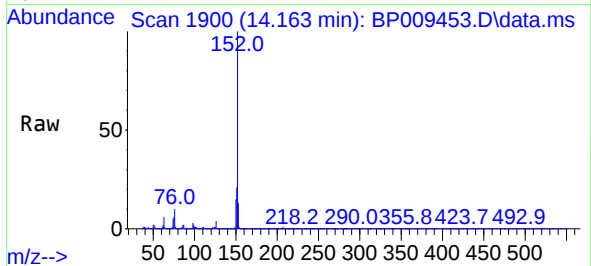
Tgt Ion: 65 Resp: 32582
Ion Ratio Lower Upper
65 100
92 75.0 56.9 85.3
138 106.4 89.3 133.9





#49
Acenaphthylene
Concen: 4.174 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

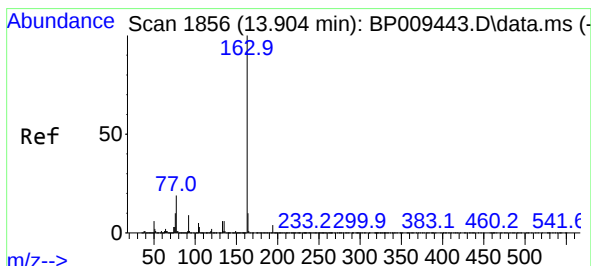
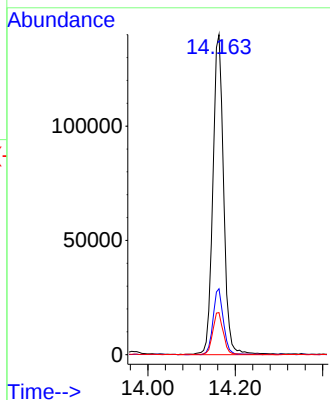
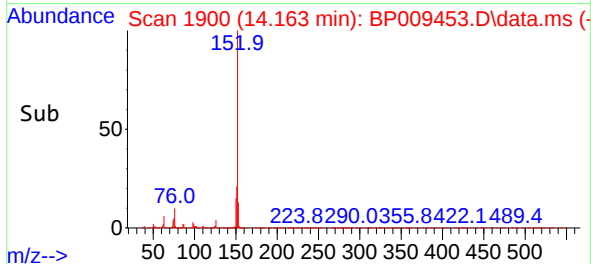
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



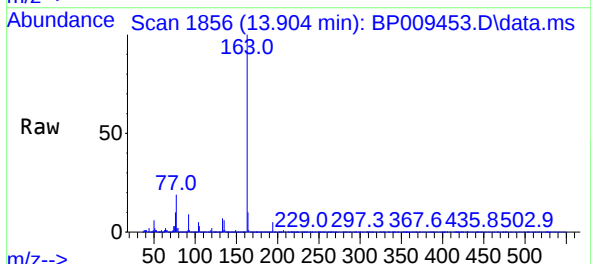
Tgt Ion:152 Resp: 23959
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.1 10.7 16.1

Manual Integrations
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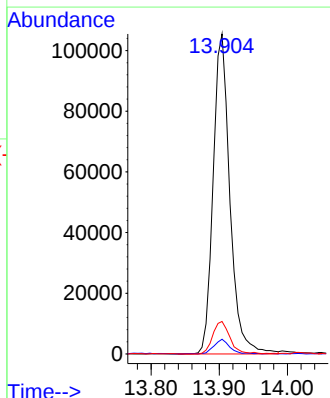
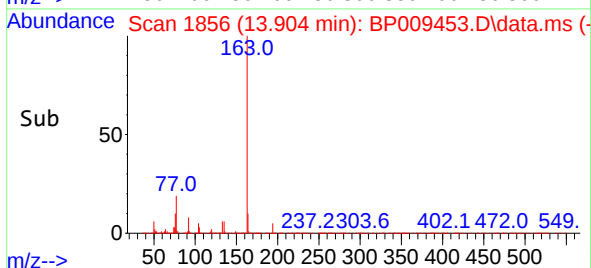
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

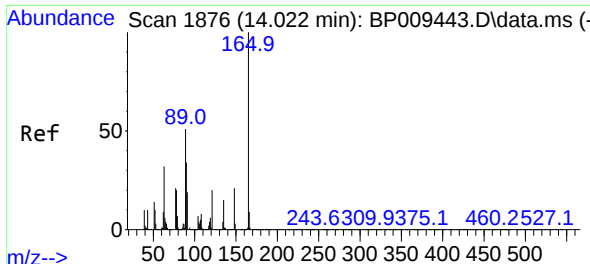


#50
Dimethylphthalate
Concen: 3.760 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



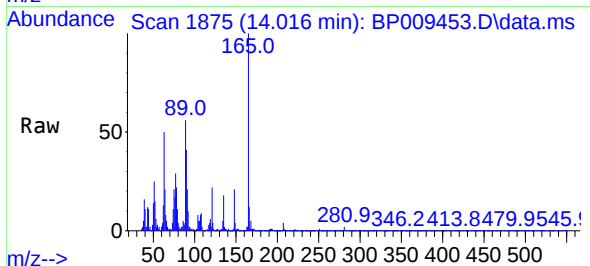
Tgt Ion:163 Resp: 180383
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.540 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

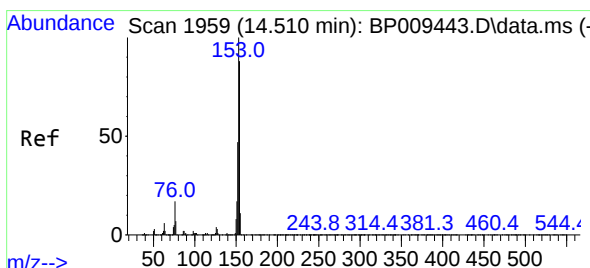
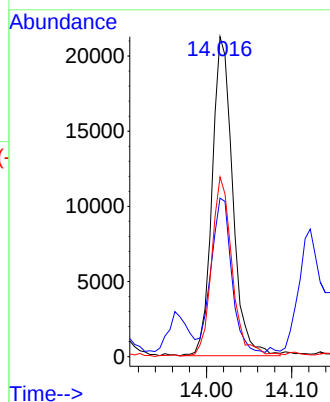
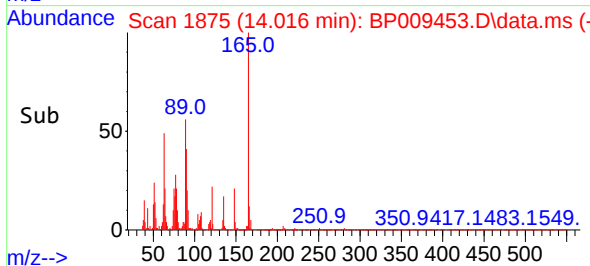
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



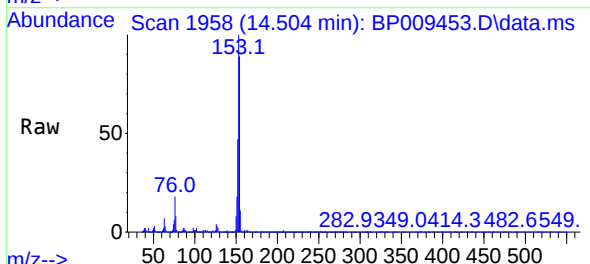
Tgt Ion:165 Resp: 35578
Ion Ratio Lower Upper
165 100
63 49.6 40.9 61.3
89 56.2 43.4 65.2

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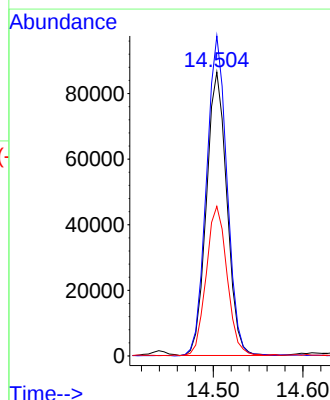
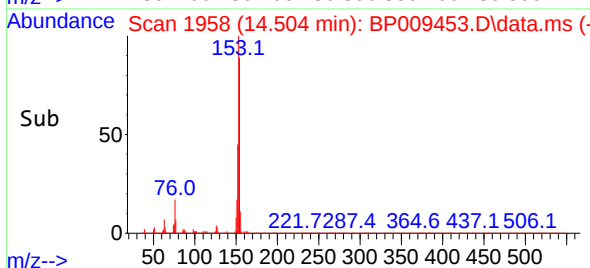
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

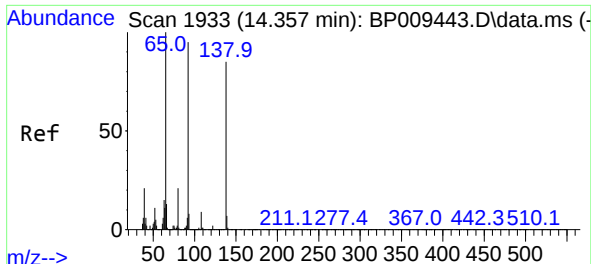


#52
Acenaphthene
Concen: 4.004 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



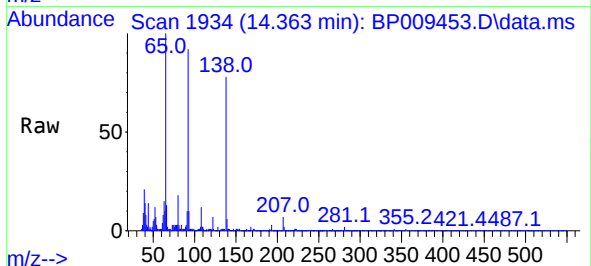
Tgt Ion:154 Resp: 137318
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 52.7 42.7 64.1





#53
3-Nitroaniline
Concen: 3.142 ng
RT: 14.363 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

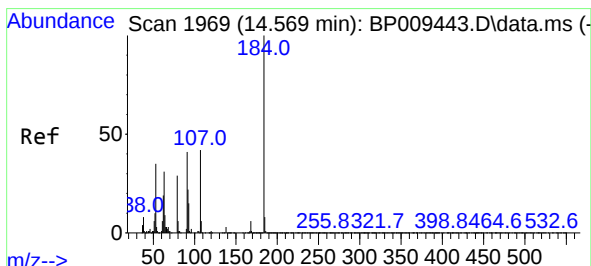
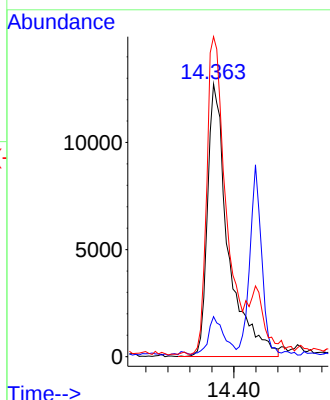
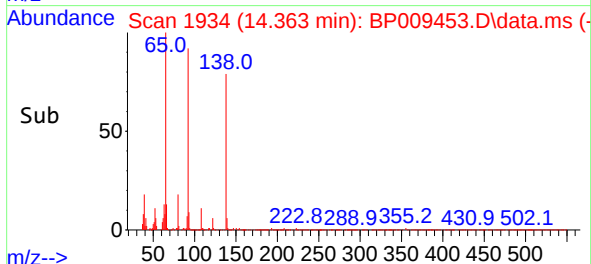
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



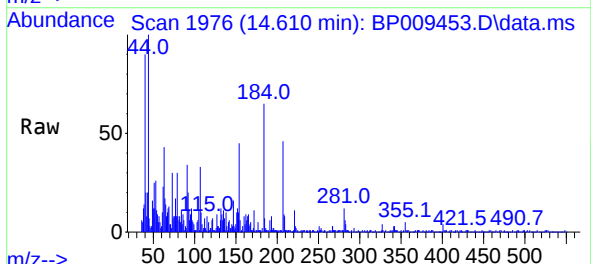
Tgt Ion:138 Resp: 3335
Ion Ratio Lower Upper
138 100
108 14.7 9.7 14.5
92 117.4 94.4 141.6

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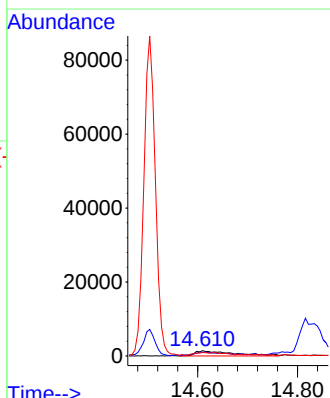
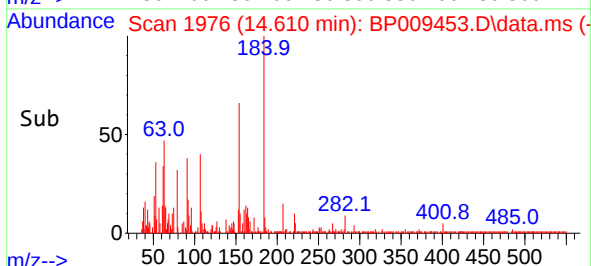
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

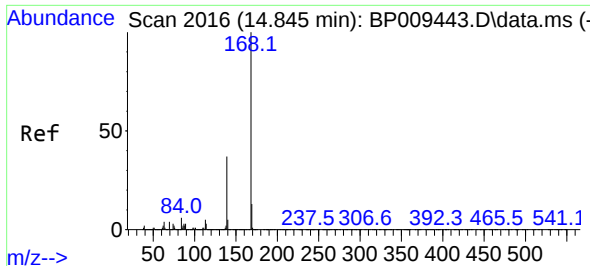


#54
2,4-Dinitrophenol
Concen: 1.356 ng m
RT: 14.610 min Scan# 1976
Delta R.T. 0.041 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



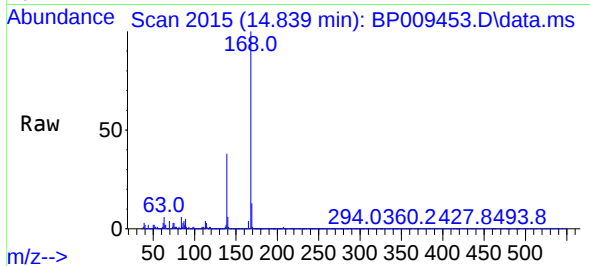
Tgt Ion:184 Resp: 7488
Ion Ratio Lower Upper
184 100
63 66.7 46.3 69.5
154 69.1 45.8 68.6





#55
Dibenzenofuran
Concen: 3.896 ng
RT: 14.839 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

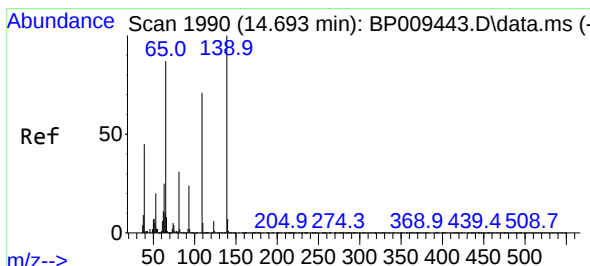
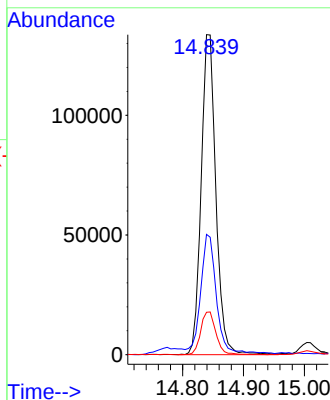
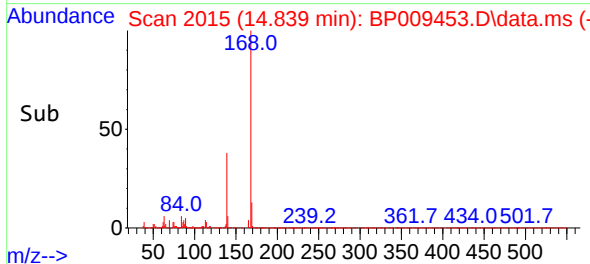
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:168 Resp: 22445
Ion Ratio Lower Upper
168 100
139 37.6 29.1 43.7
169 13.2 10.6 16.0

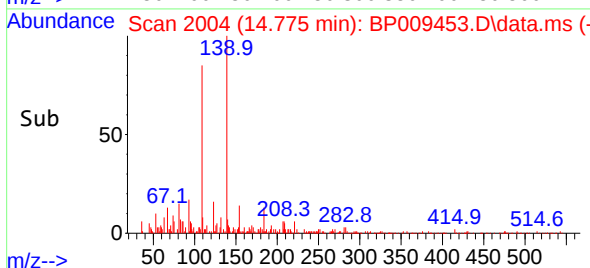
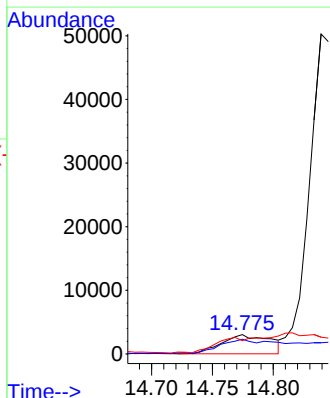
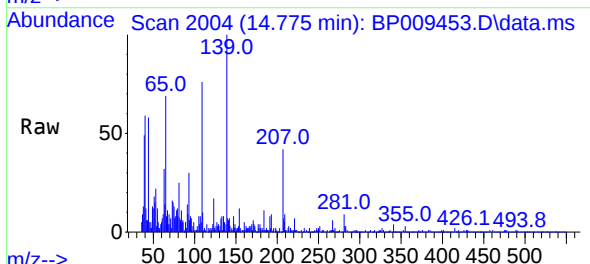
Manual Integrations
APPROVED

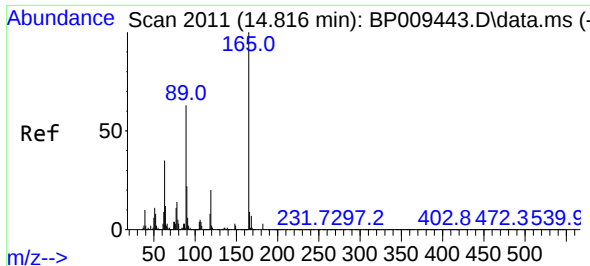
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#56
4-Nitrophenol
Concen: 1.050 ng
RT: 14.775 min Scan# 2004
Delta R.T. 0.082 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

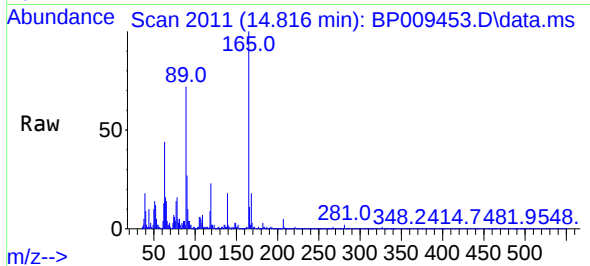
Tgt Ion:139 Resp: 8307
Ion Ratio Lower Upper
139 100
109 75.9 51.2 91.2
65 68.6 73.2 113.2#





#57
2,4-Dinitrotoluene
Concen: 3.219 ng
RT: 14.816 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

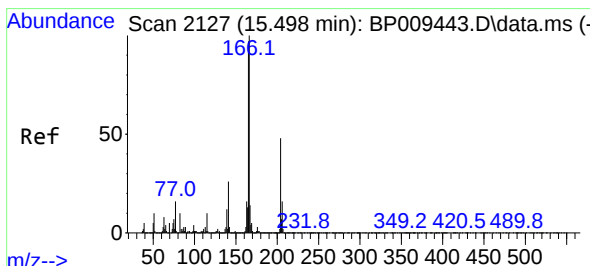
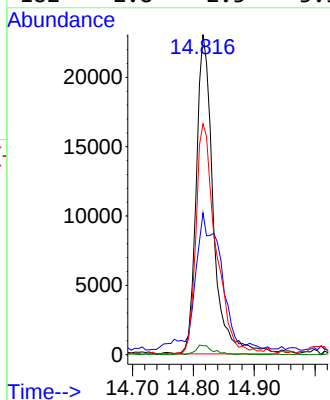
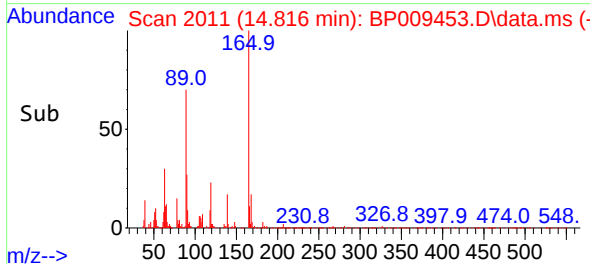
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:165 Resp: 4449
Ion Ratio Lower Upper
165 100
63 44.3 31.4 47.2
89 72.1 55.9 83.9
182 2.8 2.3 3.5

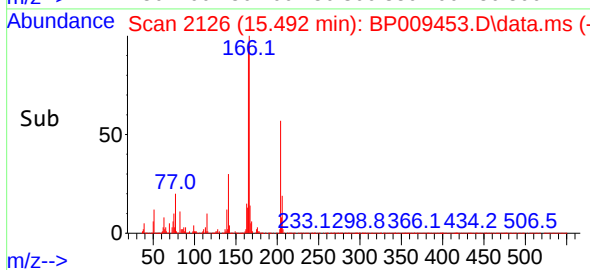
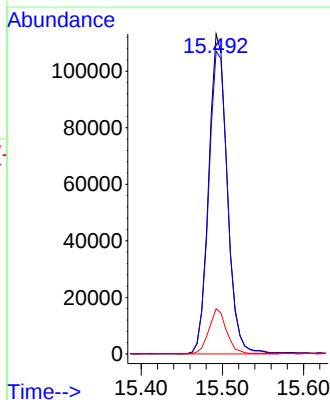
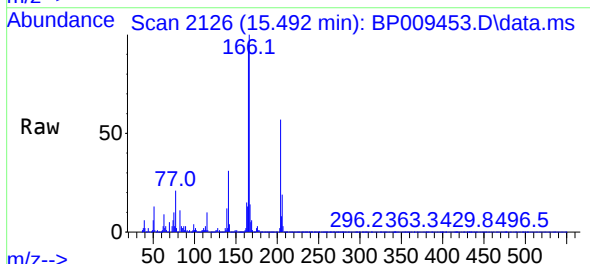
Manual Integrations
APPROVED

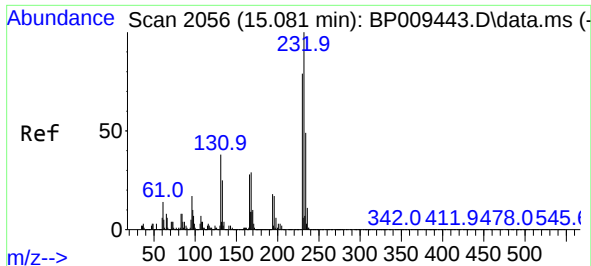
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 3.945 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

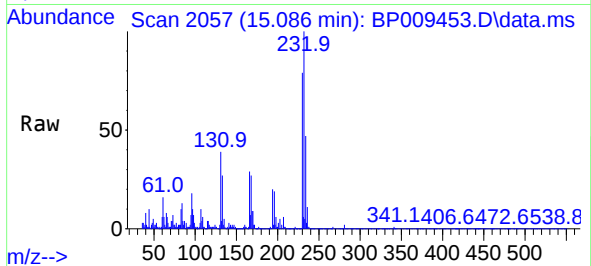
Tgt Ion:166 Resp: 178751
Ion Ratio Lower Upper
166 100
165 94.6 79.2 118.8
167 14.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.206 ng
RT: 15.086 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

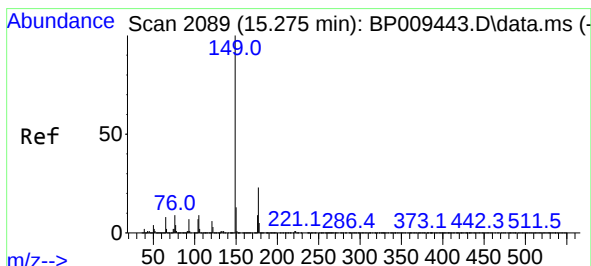
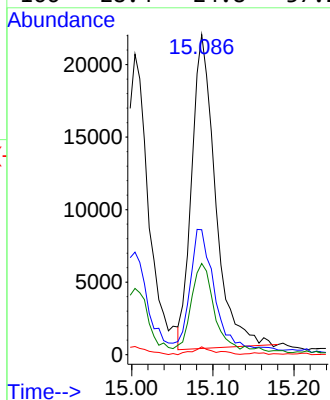
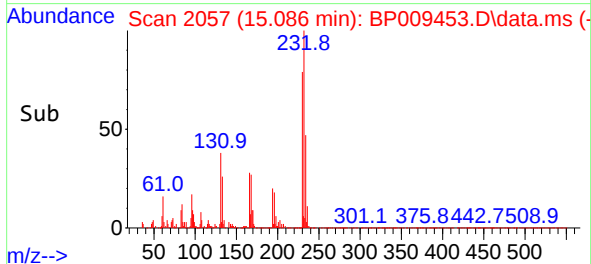
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:232 Resp: 4394
Ion Ratio Lower Upper
232 100
131 41.1 35.5 53.3
130 2.3 1.8 2.8
166 28.4 24.8 37.2

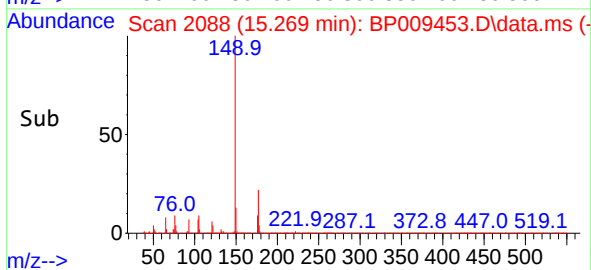
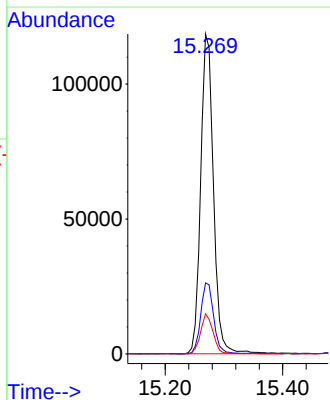
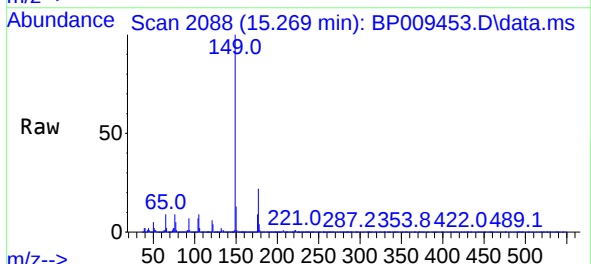
Manual Integrations
APPROVED

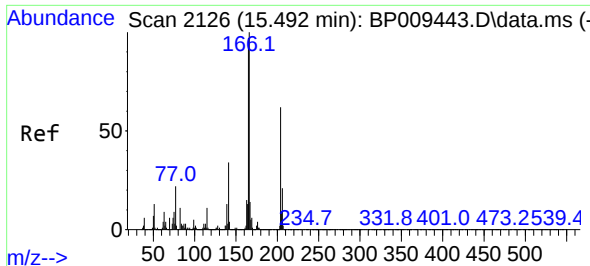
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#60
Diethylphthalate
Concen: 3.734 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

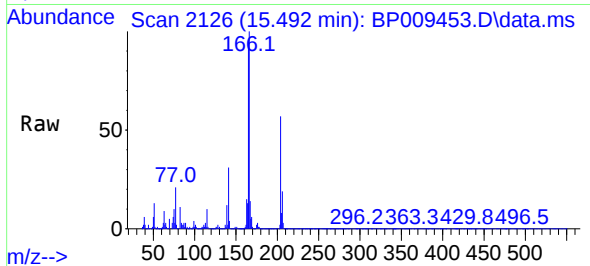
Tgt Ion:149 Resp: 179282
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 3.825 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

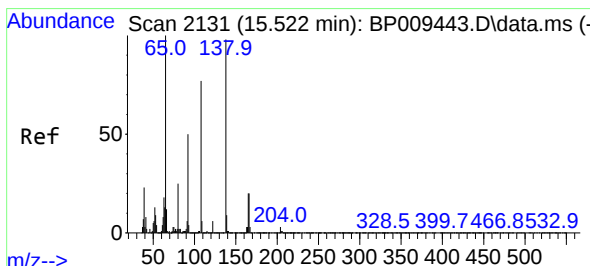
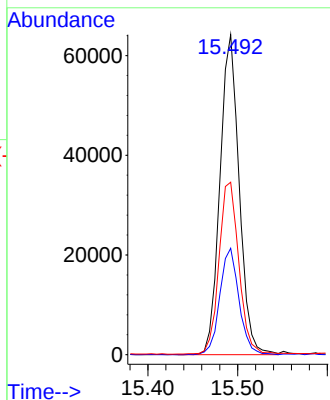
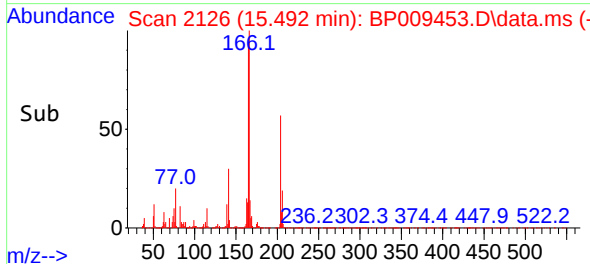
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:204 Resp: 95458
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 53.9 45.9 68.9

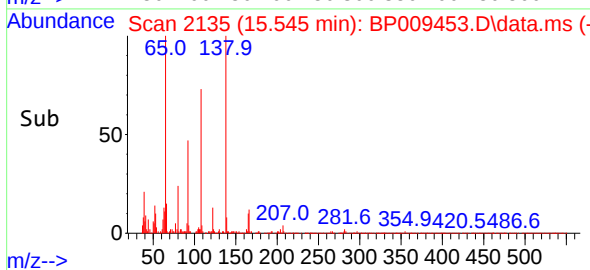
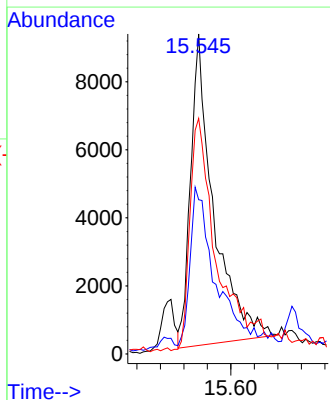
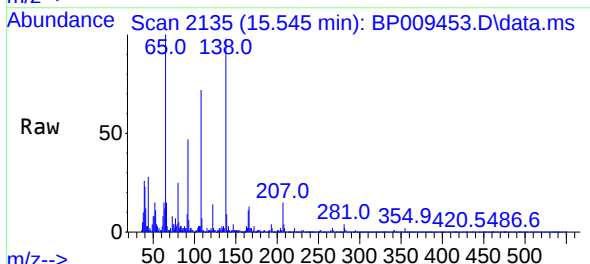
Manual Integrations
APPROVED

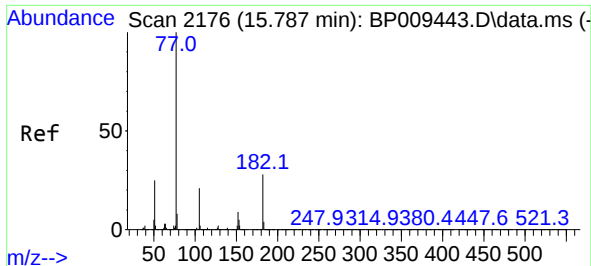
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 2.237 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.023 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

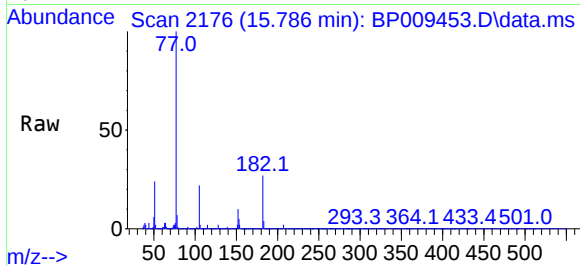
Tgt Ion:138 Resp: 24946
Ion Ratio Lower Upper
138 100
92 48.2 31.2 71.2
108 73.6 54.3 94.3





#63
Azobenzene
Concen: 3.663 ng
RT: 15.786 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

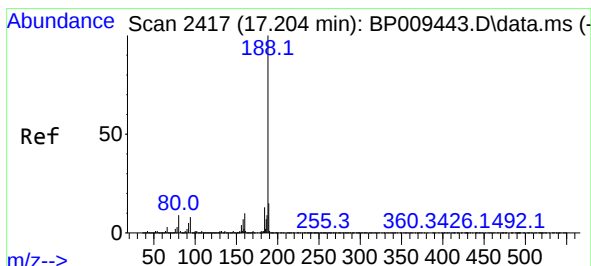
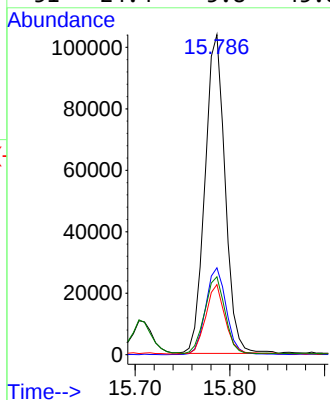
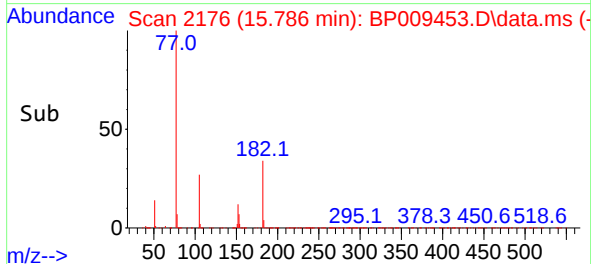
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 77 Resp: 153009
Ion Ratio Lower Upper
77 100
182 27.2 5.4 45.4
105 21.9 0.3 40.3
51 24.4 5.8 45.8

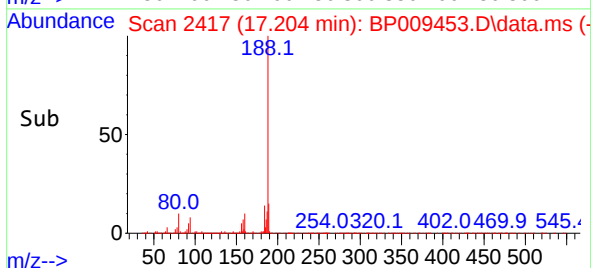
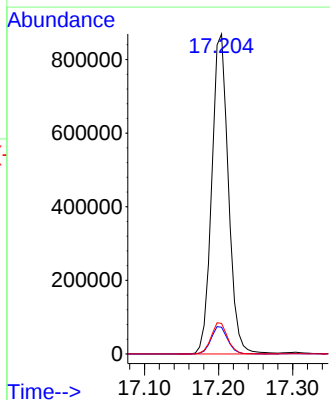
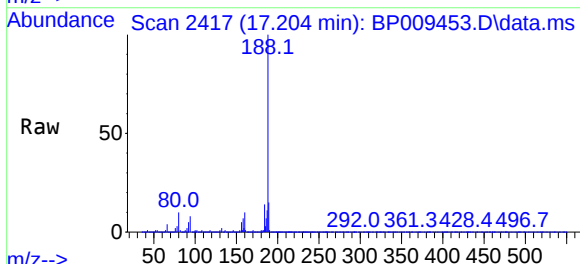
Manual Integrations
APPROVED

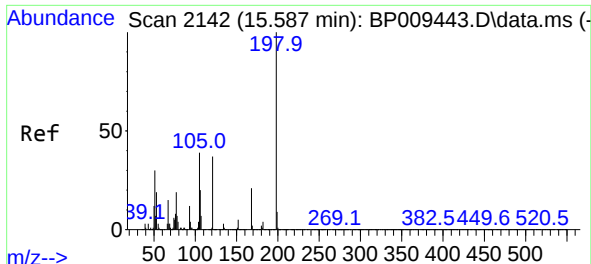
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

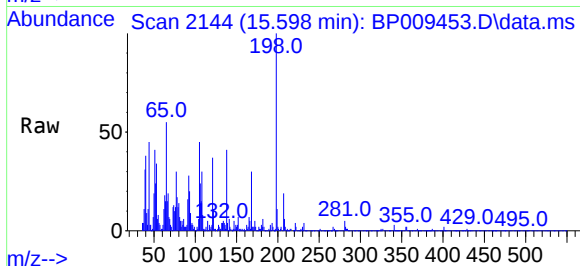
Tgt Ion:188 Resp: 1351281
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.6 8.8 13.2





#65
4,6-Dinitro-2-methylphenol
Concen: 1.923 ng
RT: 15.598 min Scan# 2144
Delta R.T. 0.011 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

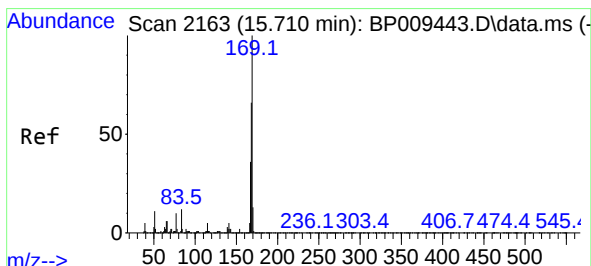
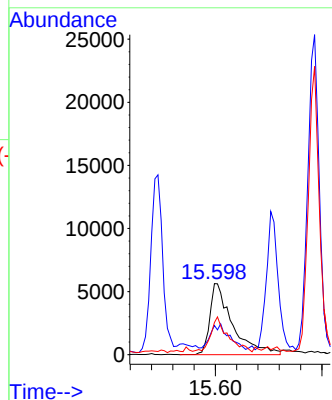
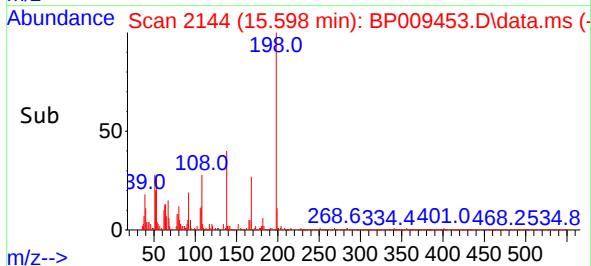
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



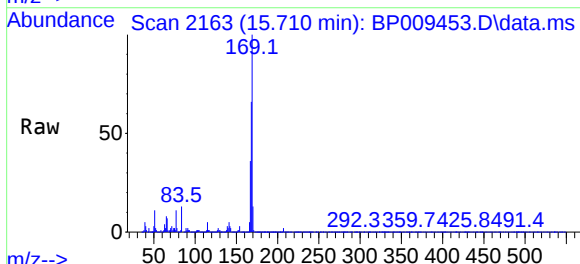
Tgt Ion:198 Resp: 1670
Ion Ratio Lower Upper
198 100
51 41.1 17.7 57.7
105 45.4 23.2 63.2

Manual Integrations
APPROVED

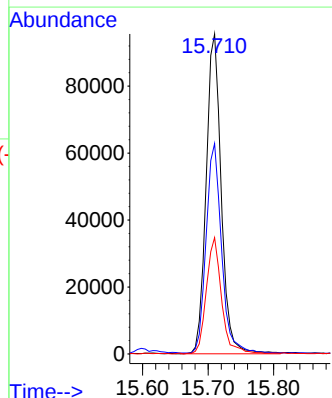
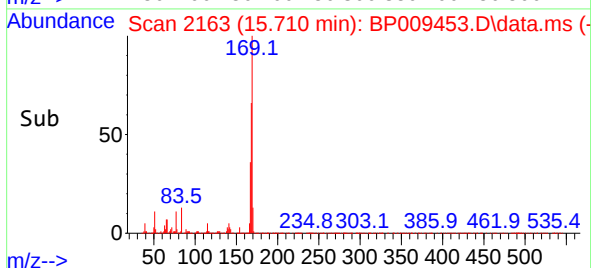
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

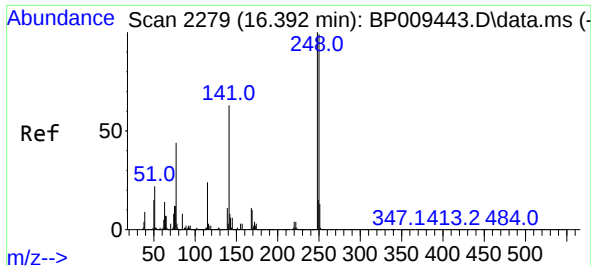


#66
n-Nitrosodiphenylamine
Concen: 3.837 ng
RT: 15.710 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



Tgt Ion:169 Resp: 153444
Ion Ratio Lower Upper
169 100
168 65.7 51.6 77.4
167 36.4 29.0 43.4





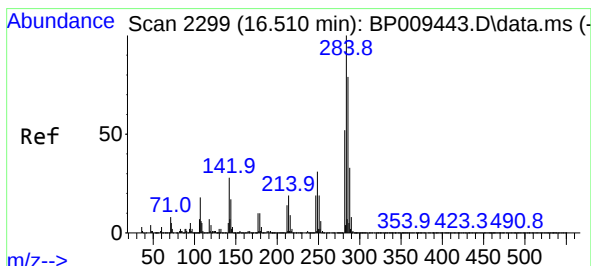
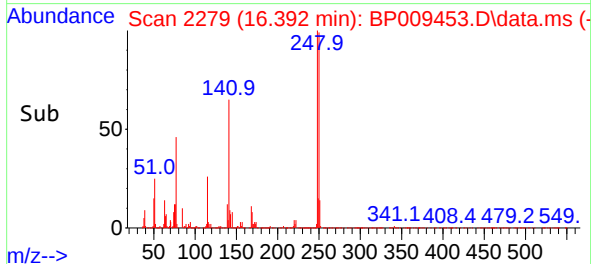
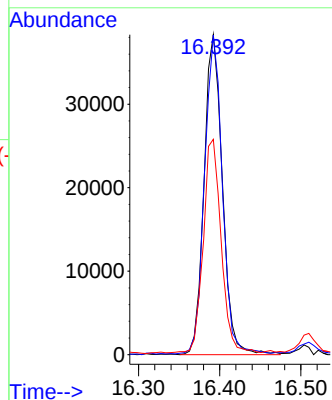
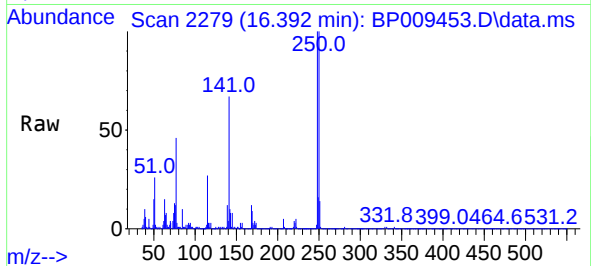
#67
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:248 Resp: 60079
Ion Ratio Lower Upper
248 100
250 99.8 77.7 116.5
141 67.3 58.3 87.5

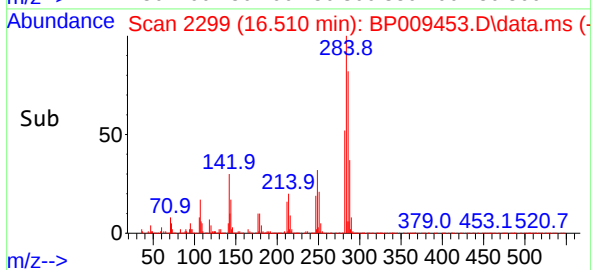
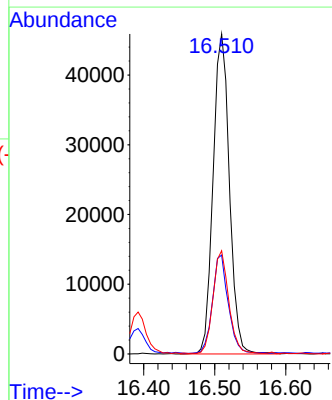
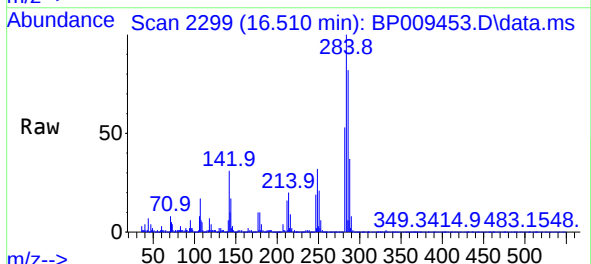
Manual Integrations
APPROVED

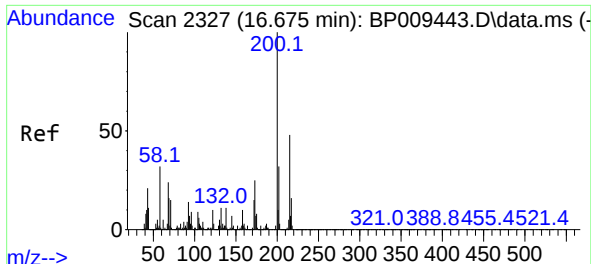
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#68
Hexachlorobenzene
Concen: 3.838 ng
RT: 16.510 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

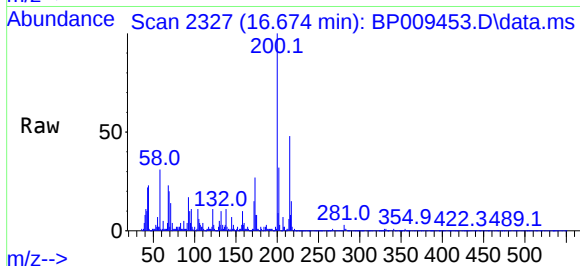
Tgt Ion:284 Resp: 73044
Ion Ratio Lower Upper
284 100
142 30.9 26.8 40.2
249 32.3 24.6 37.0





#69
Atrazine
Concen: 3.957 ng
RT: 16.674 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

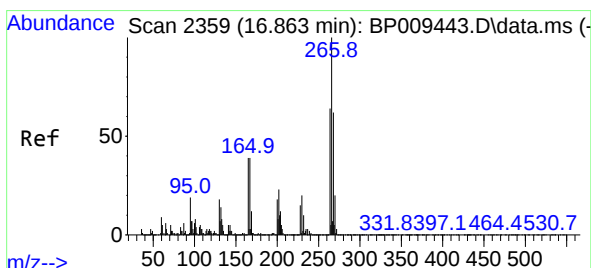
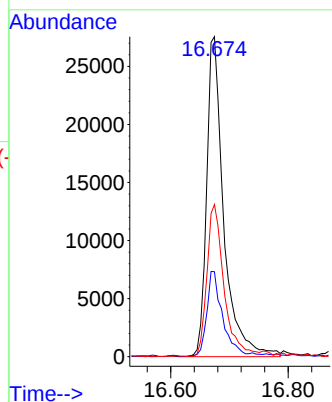
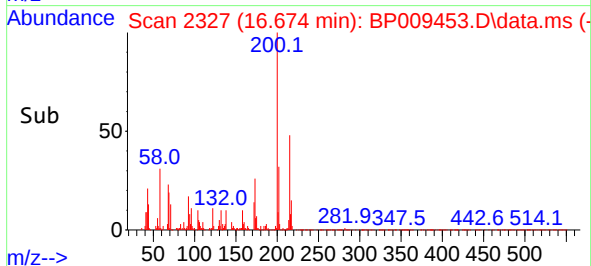
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



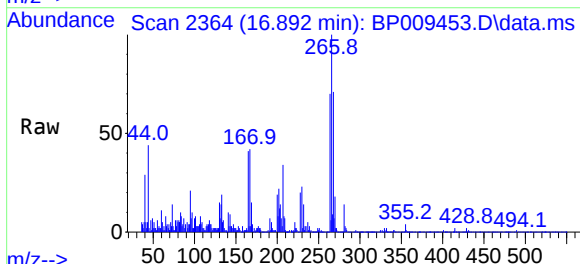
Tgt Ion:200 Resp: 55634
Ion Ratio Lower Upper
200 100
173 26.6 6.2 46.2
215 47.5 28.5 68.5

Manual Integrations
APPROVED

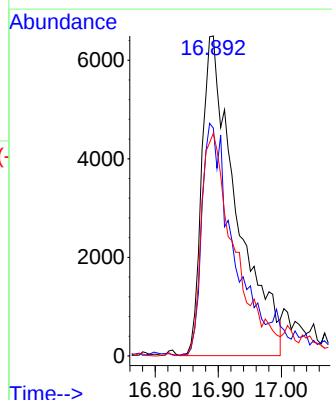
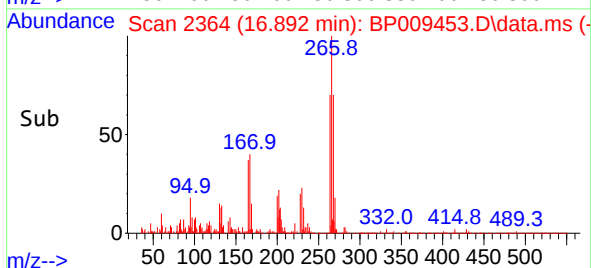
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

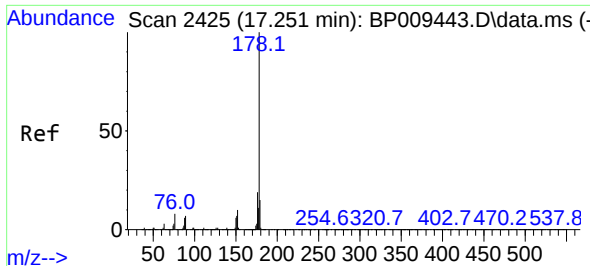


#70
Pentachlorophenol
Concen: 2.429 ng
RT: 16.892 min Scan# 2364
Delta R.T. 0.029 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



Tgt Ion:266 Resp: 24709
Ion Ratio Lower Upper
266 100
268 77.9 49.8 74.8#
264 69.6 50.9 76.3





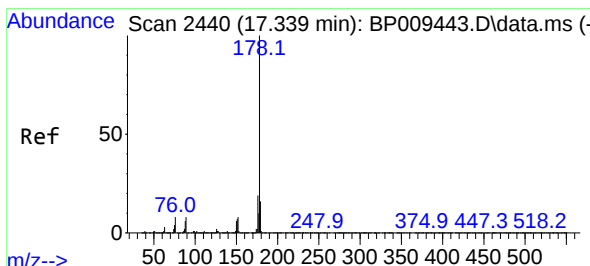
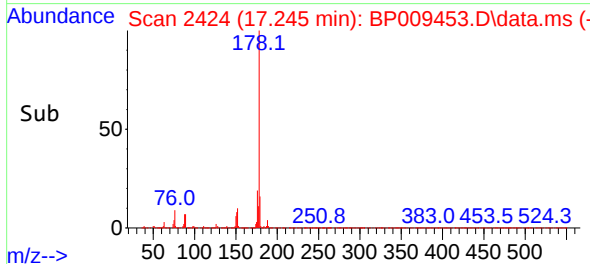
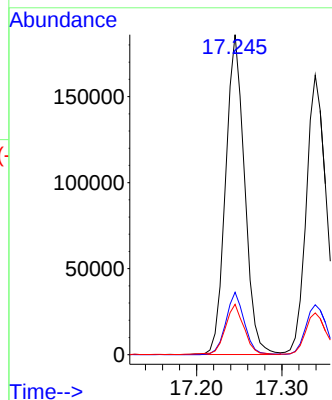
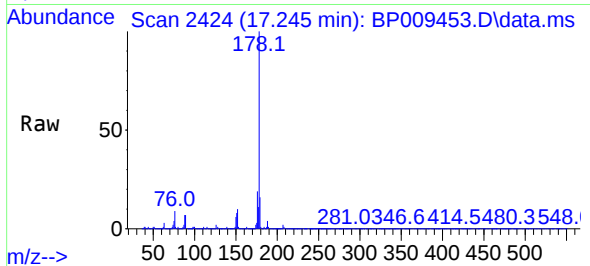
#71
Phenanthrene
Concen: 3.978 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:178 Resp: 28777
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.8 12.3 18.5

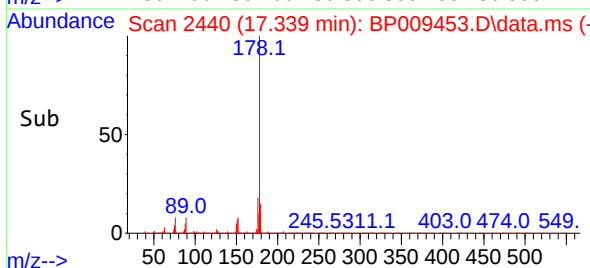
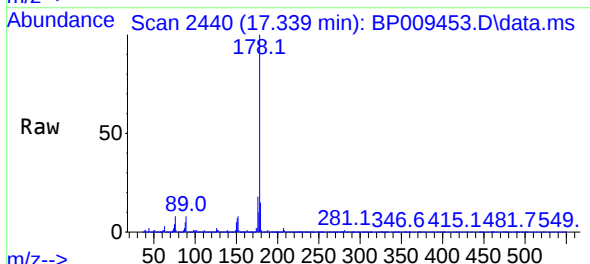
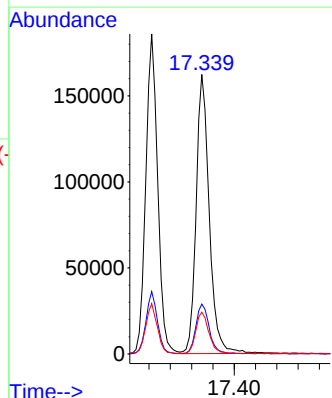
Manual Integrations
APPROVED

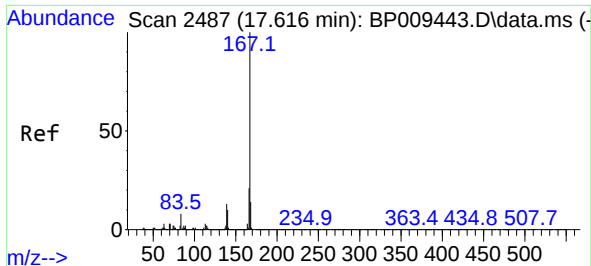
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#72
Anthracene
Concen: 3.883 ng
RT: 17.339 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

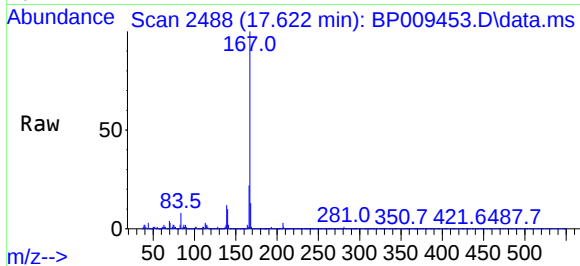
Tgt Ion:178 Resp: 277317
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 14.9 12.2 18.4





#73
 Carbazole
 Concen: 3.502 ng
 RT: 17.622 min Scan# 2487
 Delta R.T. 0.006 min
 Lab File: BP009453.D
 Acq: 18 Mar 2022 12:27

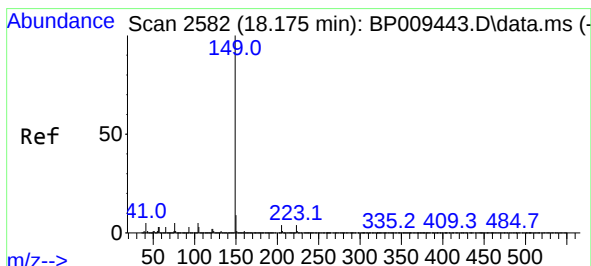
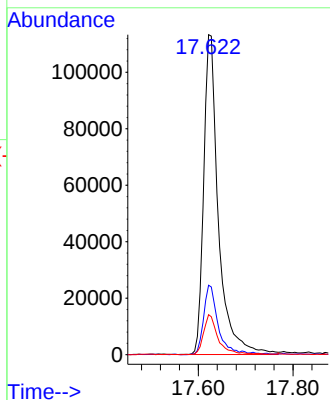
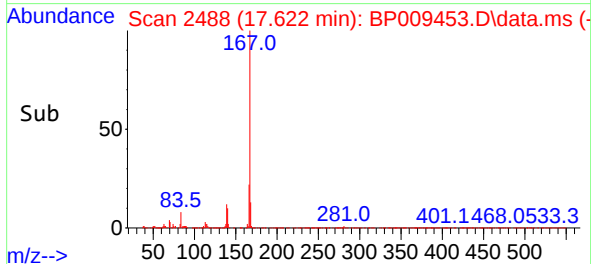
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:167 Resp: 24456
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.5 10.3 15.5

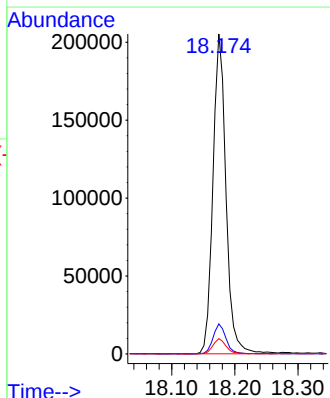
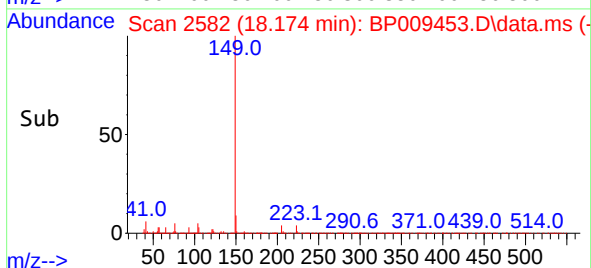
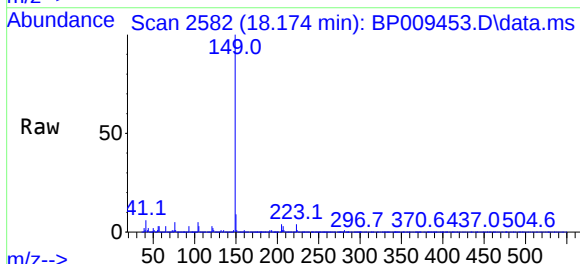
Manual Integrations
 APPROVED

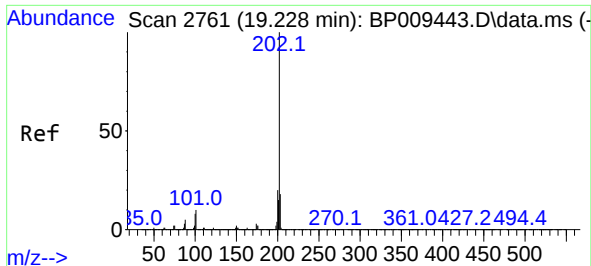
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#74
 Di-n-butylphthalate
 Concen: 3.590 ng
 RT: 18.174 min Scan# 2582
 Delta R.T. -0.000 min
 Lab File: BP009453.D
 Acq: 18 Mar 2022 12:27

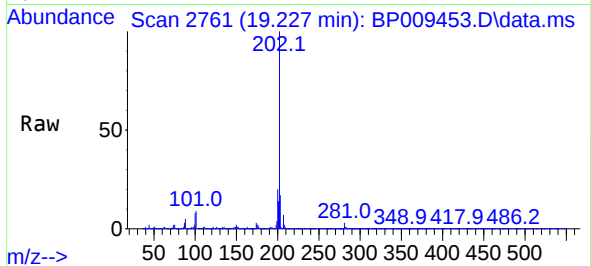
Tgt Ion:149 Resp: 293856
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 3.950 ng
RT: 19.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

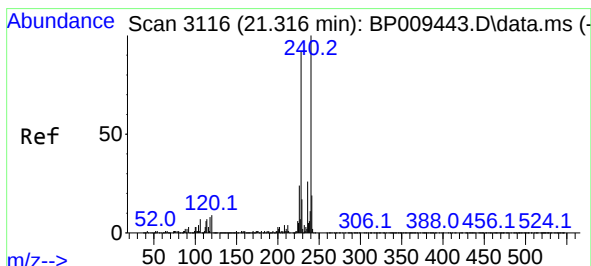
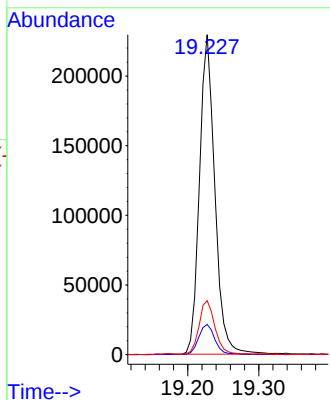
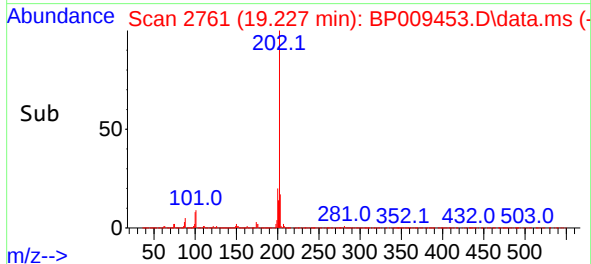
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:202 Resp: 34593
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.5
203 16.9 0.0 37.8

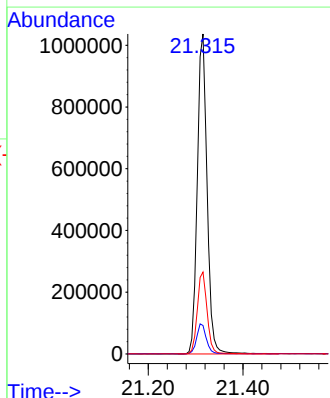
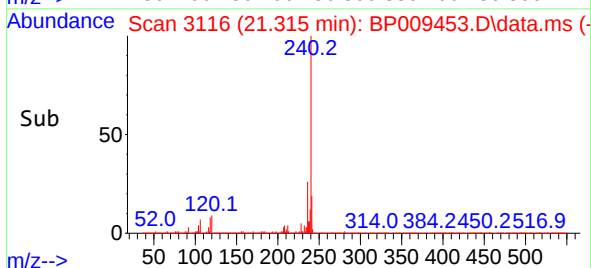
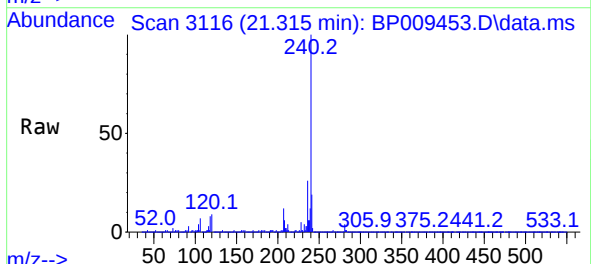
Manual Integrations
APPROVED

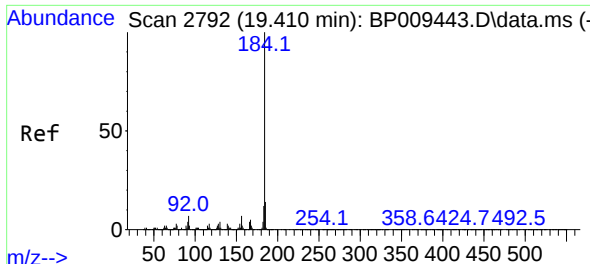
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion:240 Resp: 1482276
Ion Ratio Lower Upper
240 100
120 8.9 9.0 13.4#
236 25.6 20.6 30.8





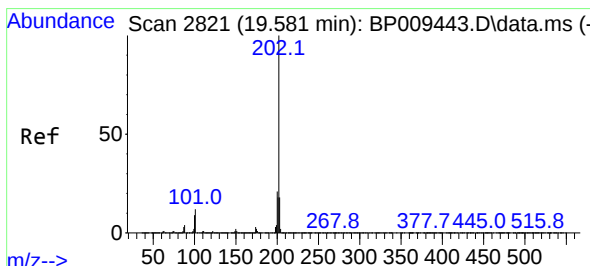
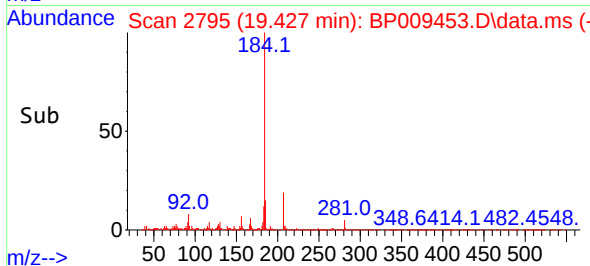
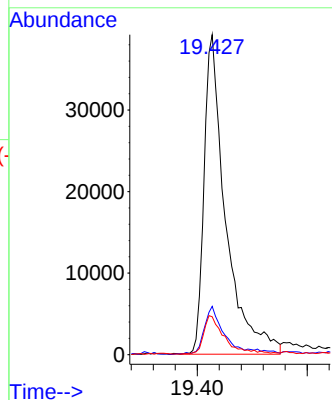
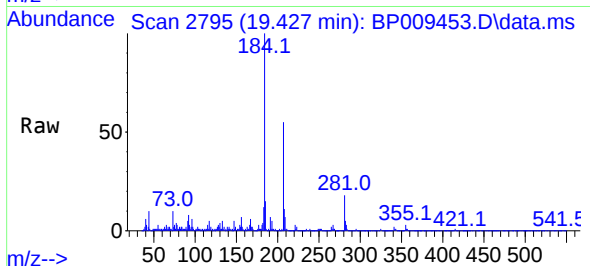
#77
Benzidine
Concen: 2.943 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:184 Resp: 106910
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 11.8 9.4 14.0

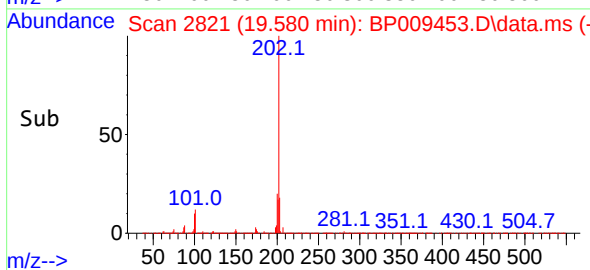
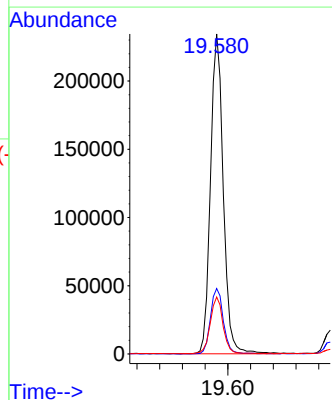
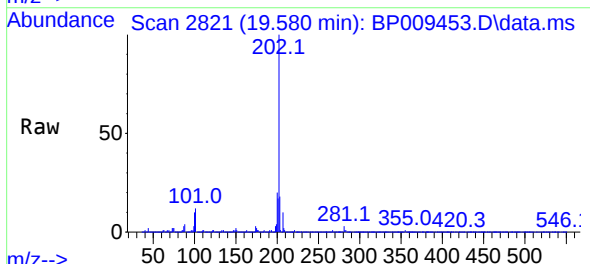
Manual Integrations
APPROVED

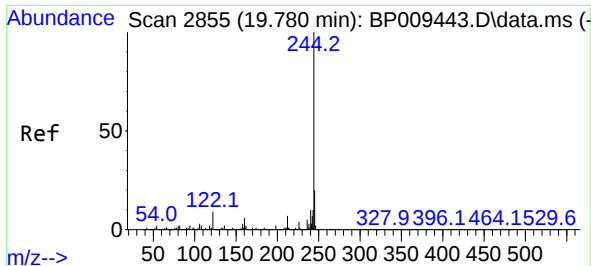
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#78
Pyrene
Concen: 3.730 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

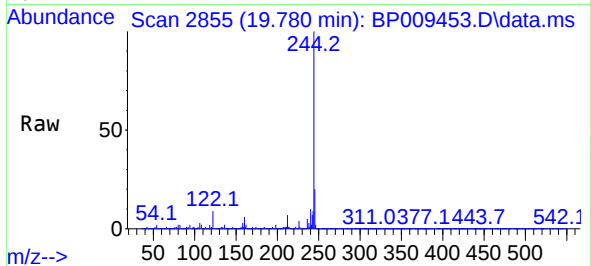
Tgt Ion:202 Resp: 364364
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 17.8 14.2 21.4





#79
Terphenyl-d14
Concen: 84.029 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

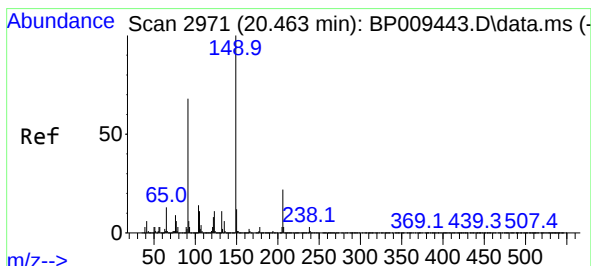
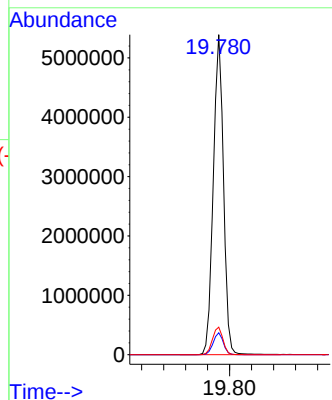
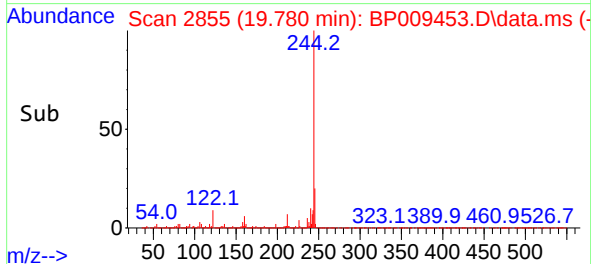
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:244 Resp: 6939389
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 8.6 8.3 12.5

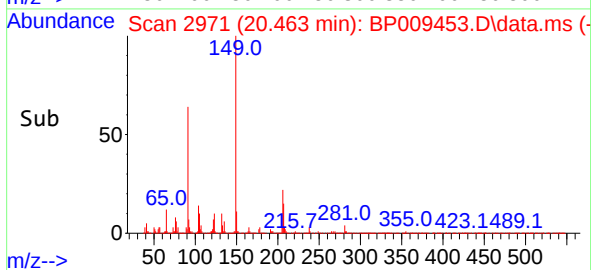
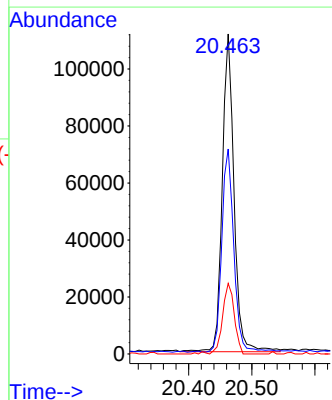
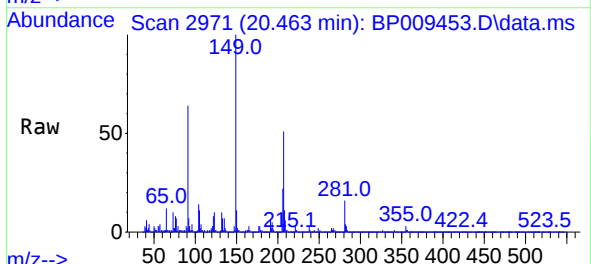
Manual Integrations
APPROVED

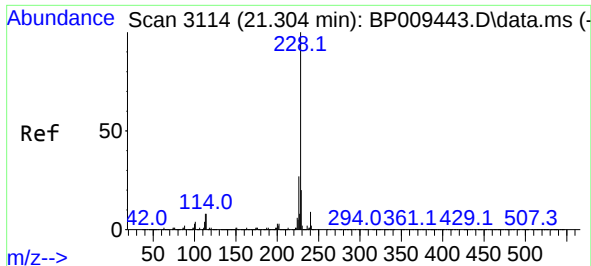
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#80
Butylbenzylphthalate
Concen: 3.485 ng
RT: 20.463 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

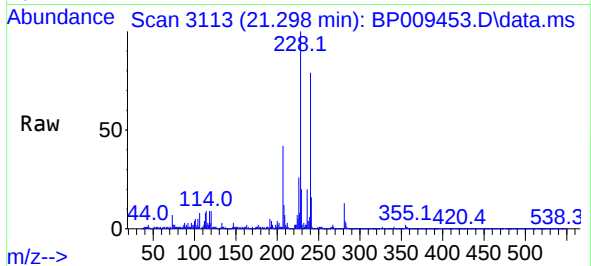
Tgt Ion:149 Resp: 144671
Ion Ratio Lower Upper
149 100
91 64.1 57.9 86.9
206 22.1 16.9 25.3





#81
Benzo(a)anthracene
Concen: 3.932 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

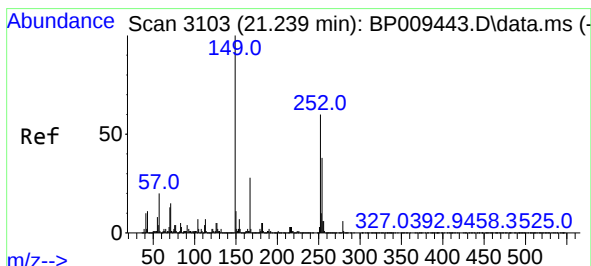
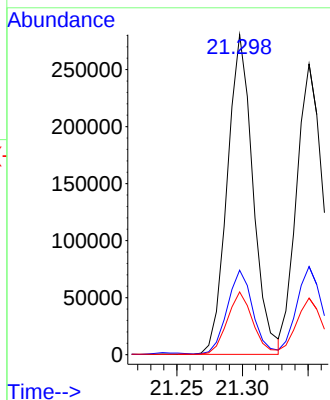
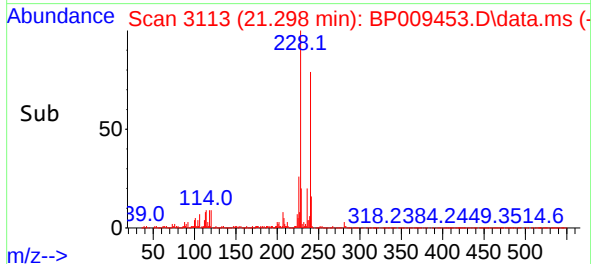
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:228 Resp: 38288
Ion Ratio Lower Upper
228 100
226 26.4 22.0 33.0
229 19.6 16.1 24.1

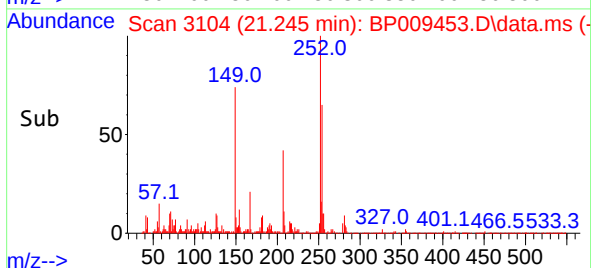
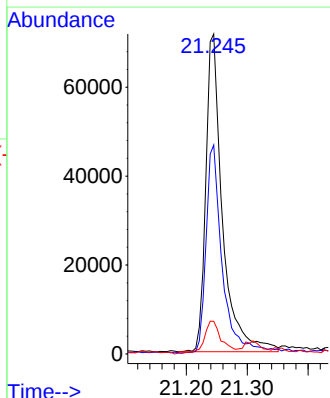
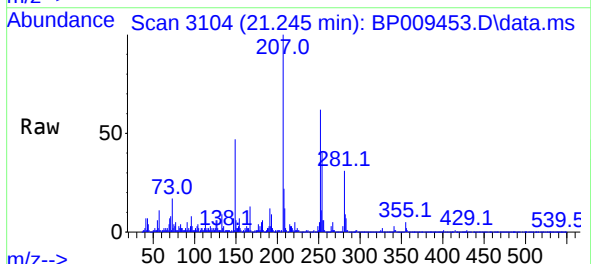
Manual Integrations
APPROVED

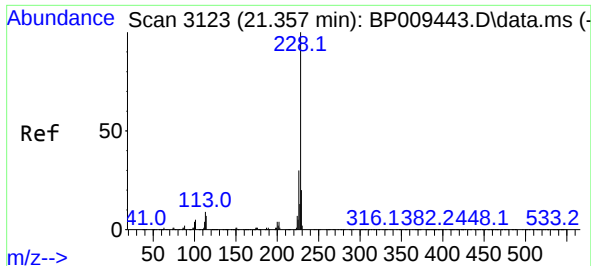
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 3.609 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

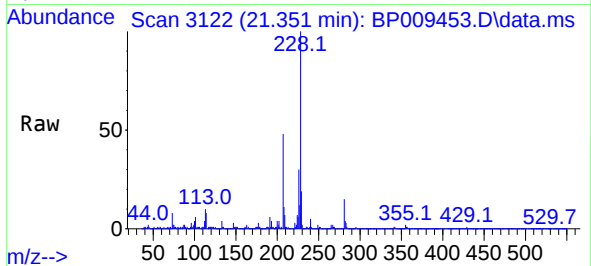
Tgt Ion:252 Resp: 135756
Ion Ratio Lower Upper
252 100
254 65.3 50.7 76.1
126 10.2 8.9 13.3





#83
Chrysene
Concen: 3.935 ng
RT: 21.351 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

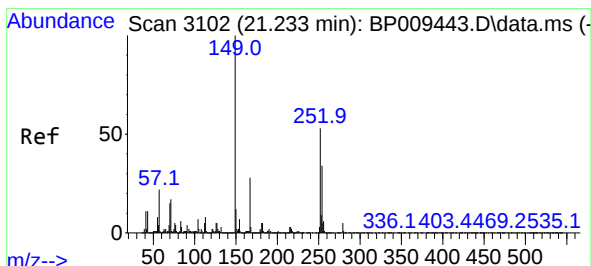
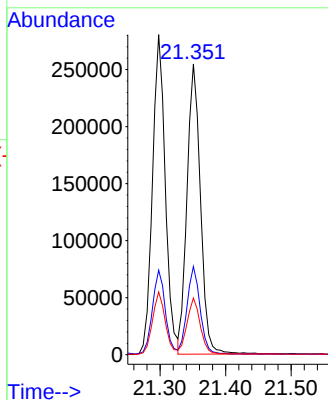
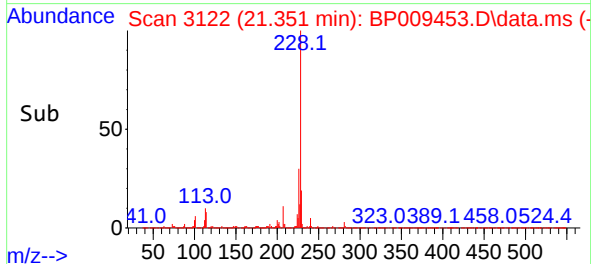
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



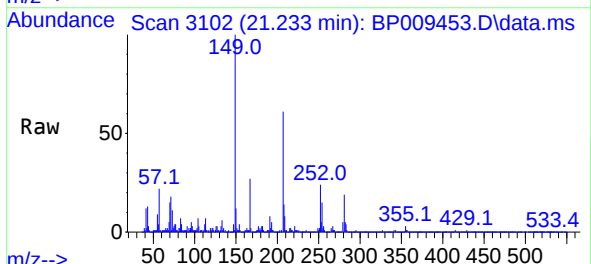
Tgt Ion:228 Resp: 362854
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 19.5 16.1 24.1

Manual Integrations
APPROVED

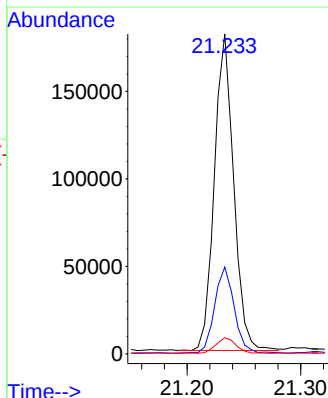
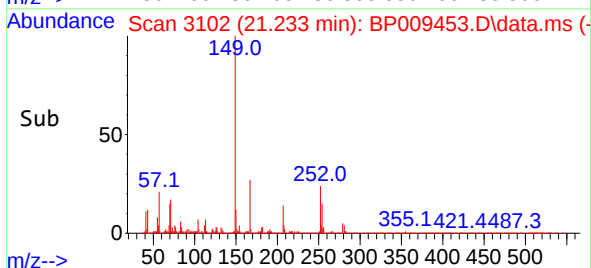
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

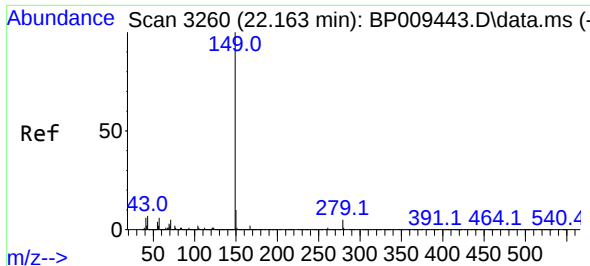


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.695 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27



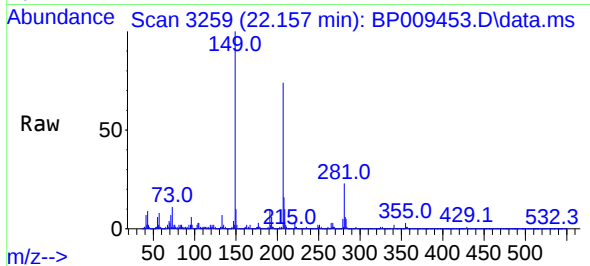
Tgt Ion:149 Resp: 213797
Ion Ratio Lower Upper
149 100
167 27.2 22.6 33.8
279 5.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 3.594 ng
RT: 22.157 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

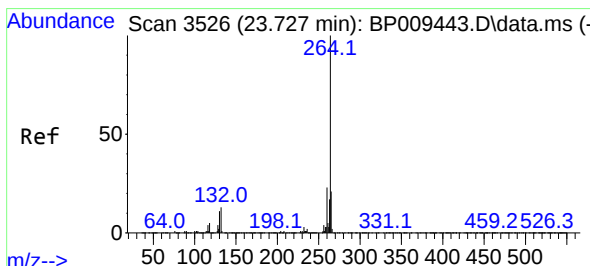
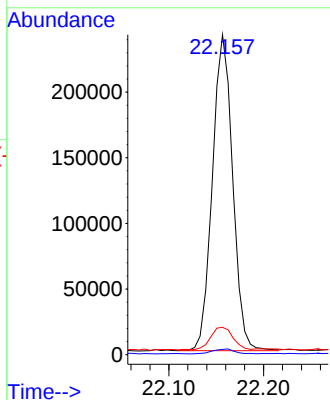
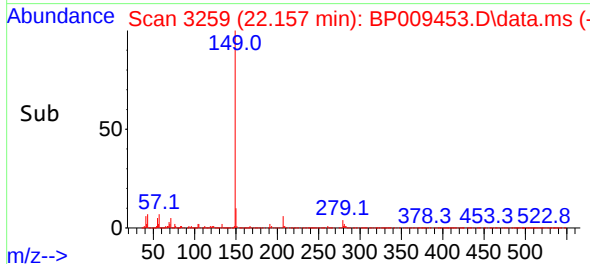
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:149 Resp: 35848
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 6.9 10.3

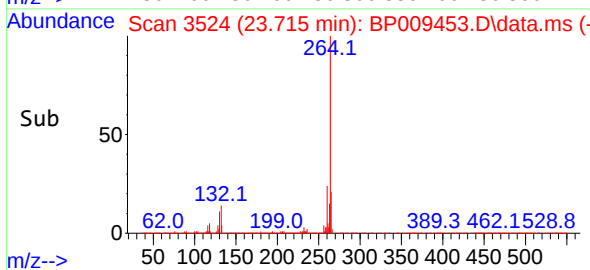
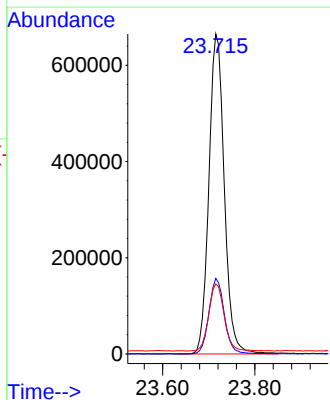
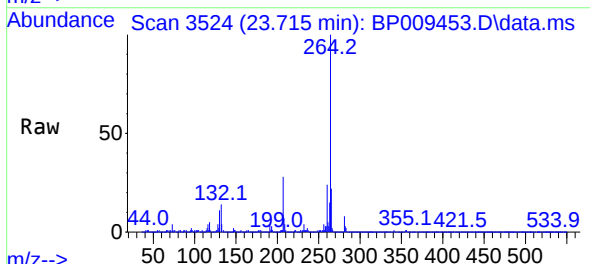
Manual Integrations
APPROVED

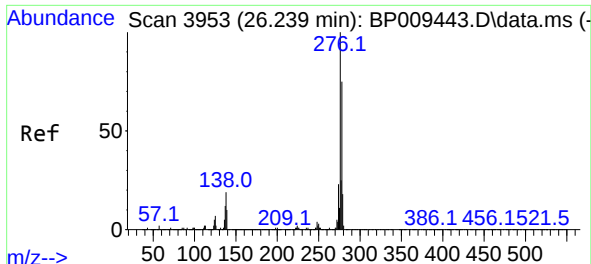
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

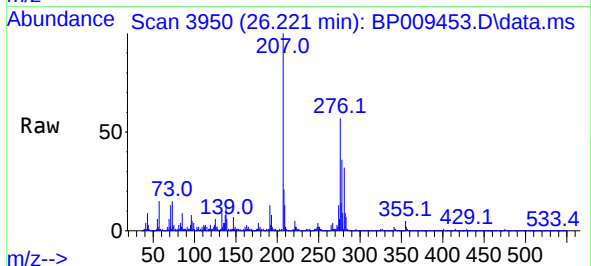
Tgt Ion:264 Resp: 1547002
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.0
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.706 ng
RT: 26.221 min Scan# 3950
Delta R.T. -0.018 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

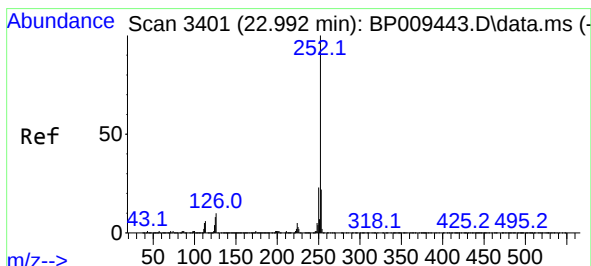
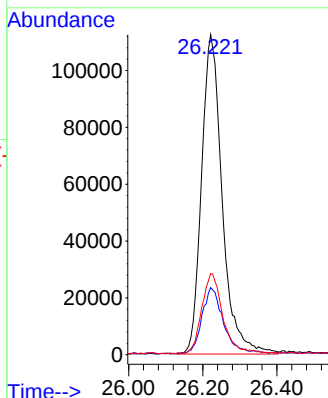
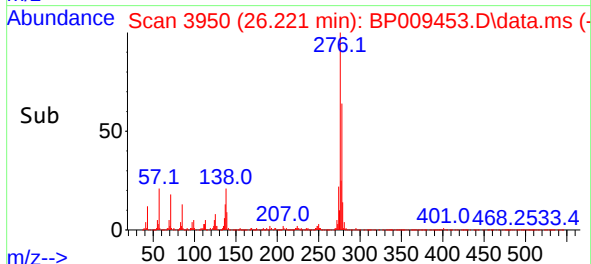
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 276 Resp: 43500
Ion Ratio Lower Upper
276 100
138 21.2 20.5 30.7
277 25.6 20.4 30.6

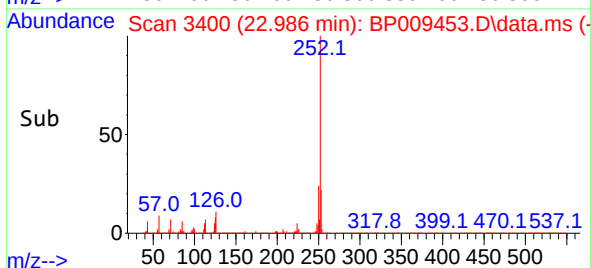
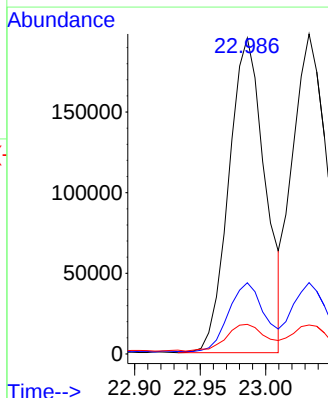
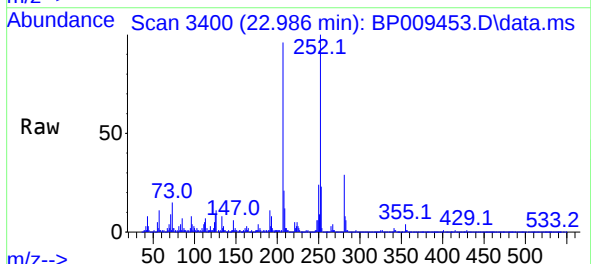
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#88
Benzo(b)fluoranthene
Concen: 4.060 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion: 252 Resp: 374949
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.4 8.1 12.1





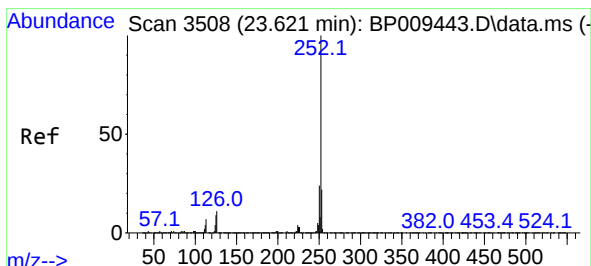
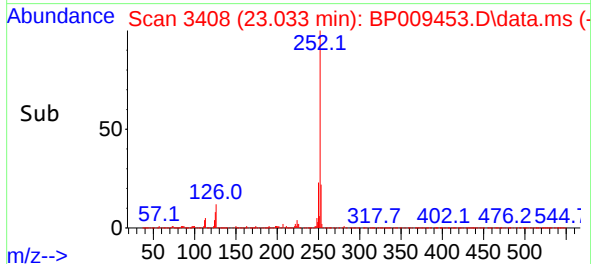
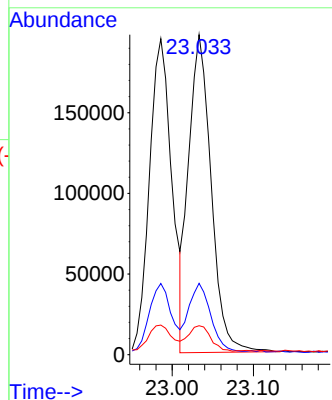
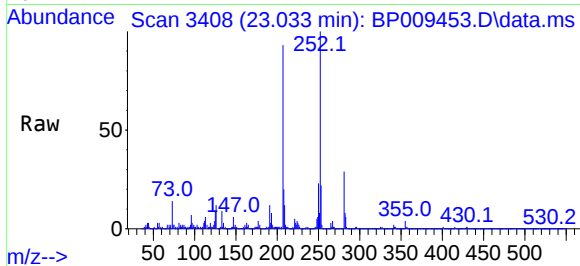
#89
Benzo(k)fluoranthene
Concen: 4.199 ng
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:252 Resp: 37972
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.0 8.3 12.5

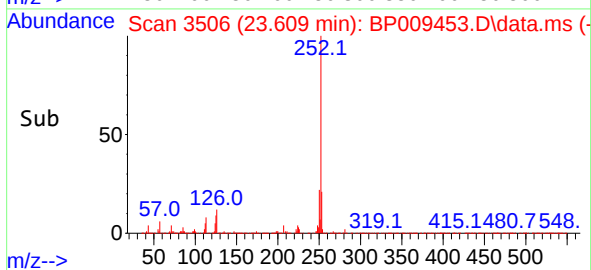
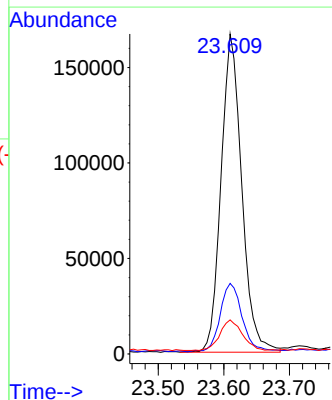
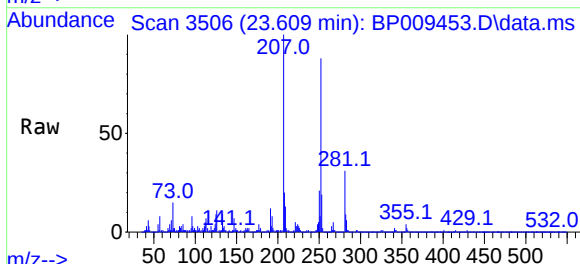
Manual Integrations
APPROVED

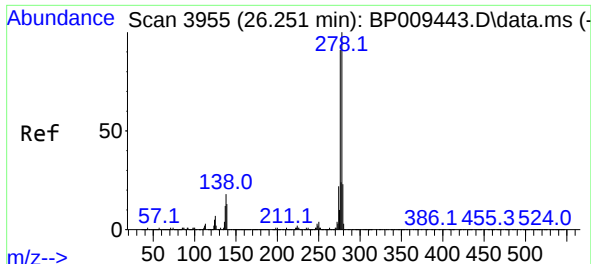
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#90
Benzo(a)pyrene
Concen: 4.616 ng
RT: 23.609 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

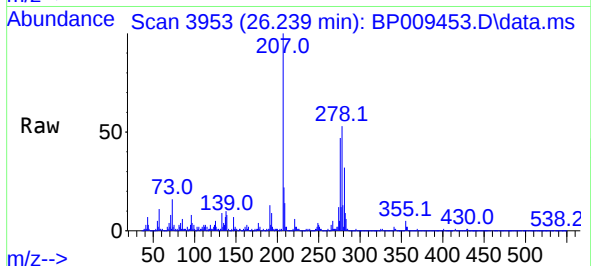
Tgt Ion:252 Resp: 364763
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.7 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 3.858 ng
RT: 26.239 min Scan# 3955
Delta R.T. -0.012 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

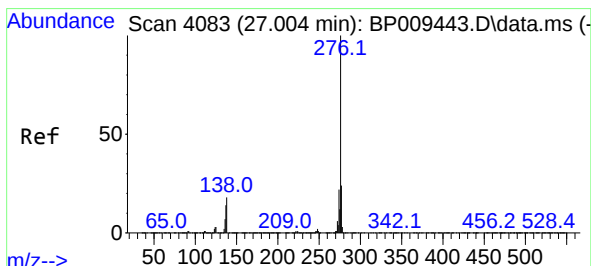
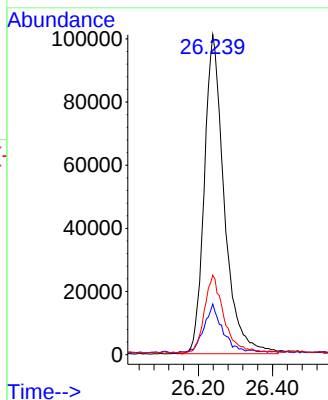
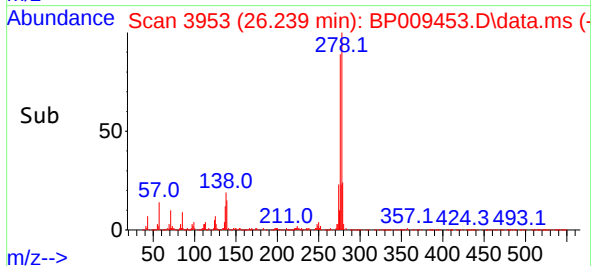
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 278 Resp: 377339
Ion Ratio Lower Upper
278 100
139 15.9 13.2 19.8
279 24.9 19.2 28.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#92
Benzo(g,h,i)perylene
Concen: 3.933 ng
RT: 26.992 min Scan# 4081
Delta R.T. -0.012 min
Lab File: BP009453.D
Acq: 18 Mar 2022 12:27

Tgt Ion: 276 Resp: 378467
Ion Ratio Lower Upper
276 100
277 24.9 19.2 28.8
138 16.1 18.0 27.0#

