

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
 Data File : BP009454.D
 Acq On : 18 Mar 2022 13:00
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 18 14:31:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	253326	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	975275	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	657252	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1391959	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1531057	20.000	ng	0.00
86) Perylene-d12	23.715	264	1594666	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2240591	154.422	ng	0.00
7) Phenol-d6	6.987	99	2946093	150.142	ng	0.00
23) Nitrobenzene-d5	8.951	82	1575705	85.857	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1595916	147.146	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	3915362	82.584	ng	0.00
79) Terphenyl-d14	19.780	244	6875542	80.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	44171	7.686	ng	99
3) Pyridine	3.734	79	107790	6.964	ng	95
4) n-Nitrosodimethylamine	3.640	42	42385	7.435	ng	# 99
6) Aniline	7.128	93	189601	8.478	ng	98
8) 2-Chlorophenol	7.369	128	126411	7.640	ng	96
9) Benzaldehyde	6.946	77	109005m	10.481	ng	
10) Phenol	7.016	94	152745	7.759	ng	88
11) bis(2-Chloroethyl)ether	7.228	93	121913	7.825	ng	97
12) 1,3-Dichlorobenzene	7.687	146	148049	7.928	ng	98
13) 1,4-Dichlorobenzene	7.834	146	153216	8.025	ng	98
14) 1,2-Dichlorobenzene	8.152	146	145819	7.902	ng	99
15) Benzyl Alcohol	8.052	79	124705m	7.971	ng	
16) 2,2'-oxybis(1-Chloropr...	8.334	45	136608	8.089	ng	94
17) 2-Methylphenol	8.257	107	98466	7.258	ng	98
18) Hexachloroethane	8.875	117	53696	8.025	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	90248	7.272	ng	99
20) 3+4-Methylphenols	8.599	107	123210	6.605	ng	# 87
22) Acetophenone	8.622	105	187863	7.783	ng	# 98
24) Nitrobenzene	8.999	77	144769	8.350	ng	95
25) Isophorone	9.528	82	251771	8.042	ng	98
26) 2-Nitrophenol	9.710	139	62053	6.867	ng	95
27) 2,4-Dimethylphenol	9.793	122	94510	7.412	ng	95
28) bis(2-Chloroethoxy)met...	10.010	93	147827	7.252	ng	99
29) 2,4-Dichlorophenol	10.275	162	99699	6.410	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	139427	7.737	ng	99
31) Naphthalene	10.640	128	402836	8.019	ng	100
32) Benzoic acid	9.951	122	44322m	4.446	ng	
33) 4-Chloroaniline	10.769	127	129722	6.328	ng	98
34) Hexachlorobutadiene	10.934	225	92924	7.610	ng	99
35) Caprolactam	11.540	113	37474	7.139	ng	94
36) 4-Chloro-3-methylphenol	11.910	107	119873	7.172	ng	97
37) 2-Methylnaphthalene	12.257	142	265255	7.525	ng	97
38) 1-Methylnaphthalene	12.475	142	263610	7.677	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	159441	7.311	ng	98
41) Hexachlorocyclopentadiene	12.610	237	29006	3.775	ng	96
43) 2,4,6-Trichlorophenol	12.887	196	94963	6.570	ng	97

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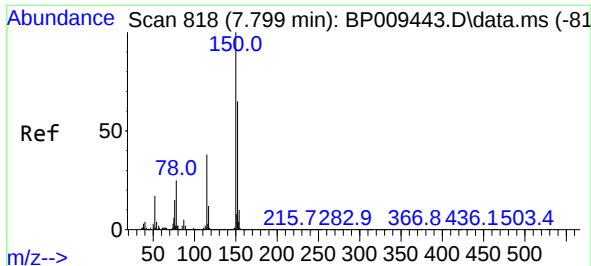
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:30:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	100742	6.418	ng	99
46) 1,1'-Biphenyl	13.275	154	383726	7.826	ng	98
47) 2-Chloronaphthalene	13.310	162	291181	7.543	ng	99
48) 2-Nitroaniline	13.522	65	70388	6.695	ng	95
49) Acenaphthylene	14.157	152	480431	8.062	ng	99
50) Dimethylphthalate	13.898	163	368477	7.399	ng	100
51) 2,6-Dinitrotoluene	14.016	165	77759	7.452	ng	98
52) Acenaphthene	14.504	154	271351	7.623	ng	98
53) 3-Nitroaniline	14.357	138	72986	6.622	ng	97
54) 2,4-Dinitrophenol	14.581	184	22352	3.900	ng	94
55) Dibenzofuran	14.839	168	449313	7.513	ng	99
56) 4-Nitrophenol	14.728	139	31198	3.797	ng	97
57) 2,4-Dinitrotoluene	14.810	165	98771	6.884	ng	97
58) Fluorene	15.492	166	362504	7.707	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.081	232	95712	6.726	ng	94
60) Diethylphthalate	15.269	149	363790	7.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	191521	7.392	ng	99
62) 4-Nitroaniline	15.528	138	72332	6.249	ng	96
63) Azobenzene	15.786	77	314649	7.257	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	41106	4.593	ng	98
66) n-Nitrosodiphenylamine	15.704	169	313650	7.614	ng	97
67) 4-Bromophenyl-phenylether	16.392	248	121066	7.108	ng	93
68) Hexachlorobenzene	16.510	284	145494	7.422	ng	94
69) Atrazine	16.669	200	116122	8.018	ng	98
70) Pentachlorophenol	16.875	266	61407	5.860	ng	100
71) Phenanthrene	17.245	178	581095	7.799	ng	99
72) Anthracene	17.339	178	567843	7.719	ng	100
73) Carbazole	17.616	167	514511	7.151	ng	99
74) Di-n-butylphthalate	18.175	149	611111	7.248	ng	99
75) Fluoranthene	19.222	202	704700	7.812	ng	98
77) Benzidine	19.416	184	283399	7.552	ng	98
78) Pyrene	19.580	202	742969	7.364	ng	98
80) Butylbenzylphthalate	20.463	149	289983	6.762	ng	94
81) Benzo(a)anthracene	21.298	228	770875	7.664	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	293205	7.545	ng	99
83) Chrysene	21.351	228	731449	7.679	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	442570	7.404	ng	99
85) Di-n-octyl phthalate	22.157	149	740829	7.191	ng	98
87) Indeno(1,2,3-cd)pyrene	26.215	276	874919	7.232	ng	96
88) Benzo(b)fluoranthene	22.980	252	799643	8.400	ng	98
89) Benzo(k)fluoranthene	23.033	252	740144	7.941	ng	98
90) Benzo(a)pyrene	23.610	252	748946	9.195	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	781876	7.754	ng	97
92) Benzo(g,h,i)perylene	26.986	276	761791	7.680	ng	95

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



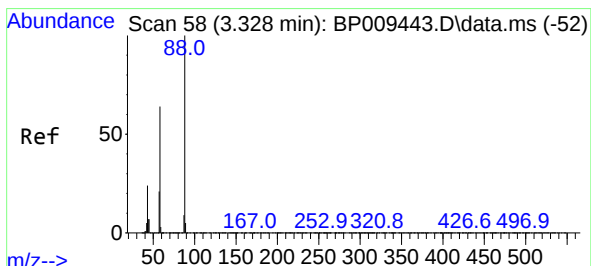
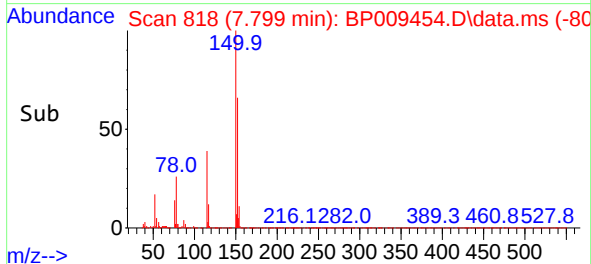
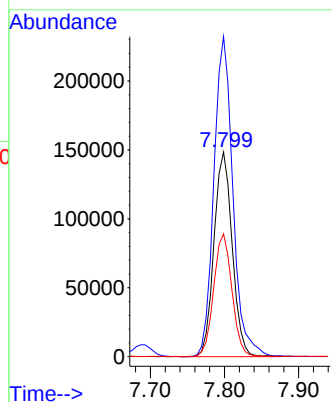
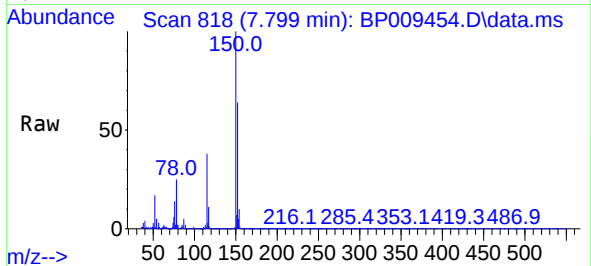
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:152 Resp: 253320
Ion Ratio Lower Upper
152 100
150 156.4 124.5 186.7
115 60.1 48.2 72.4

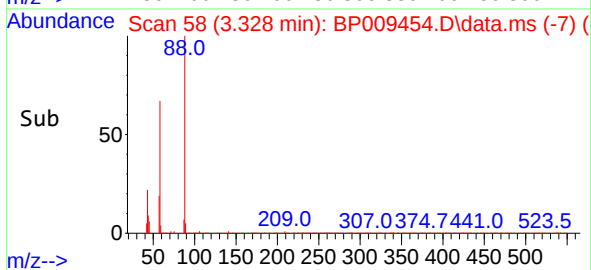
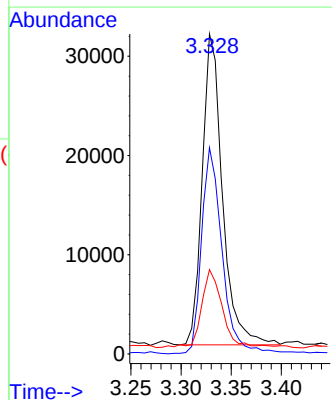
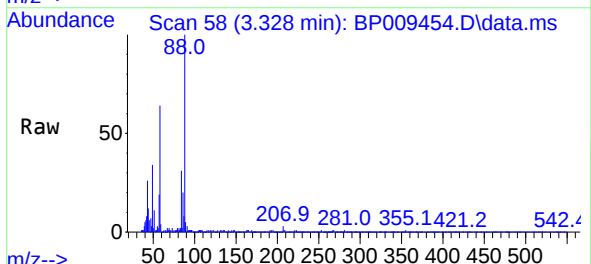
Manual Integrations
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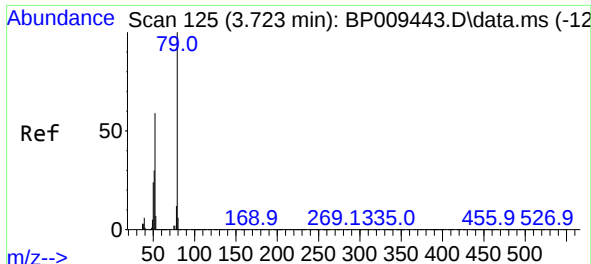
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 7.686 ng
RT: 3.328 min Scan# 58
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 88 Resp: 44171
Ion Ratio Lower Upper
88 100
58 68.0 54.2 81.2
43 24.7 20.4 30.6





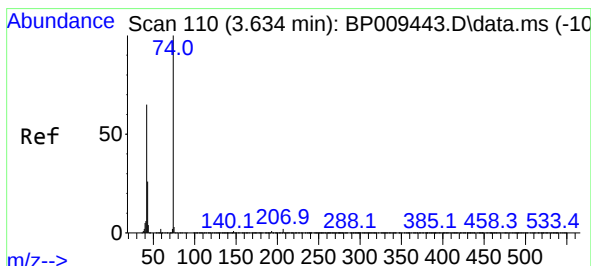
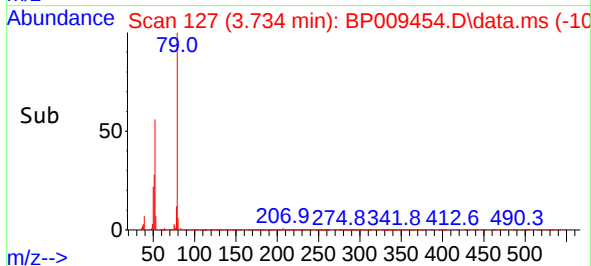
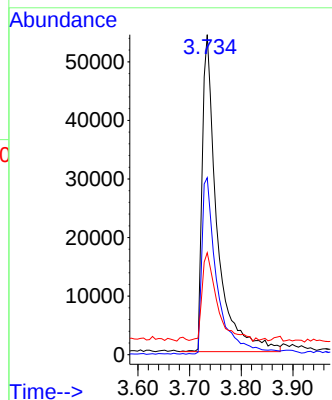
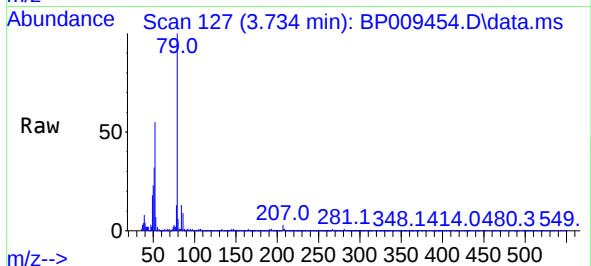
#3
Pyridine
Concen: 6.964 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion: 79 Resp: 107790
Ion Ratio Lower Upper
79 100
52 55.3 47.5 71.3
51 31.9 24.1 36.1

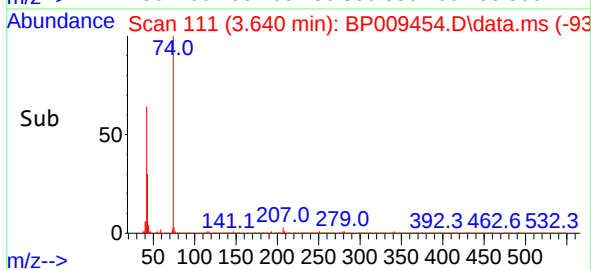
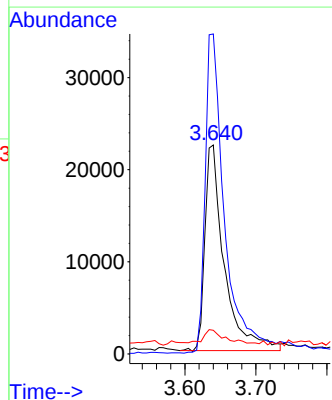
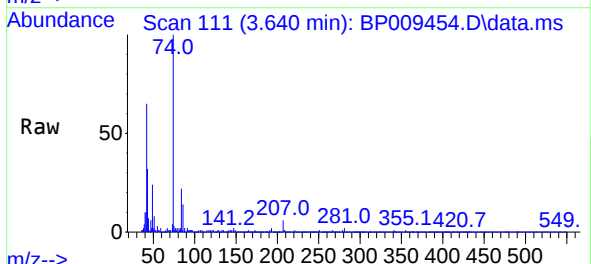
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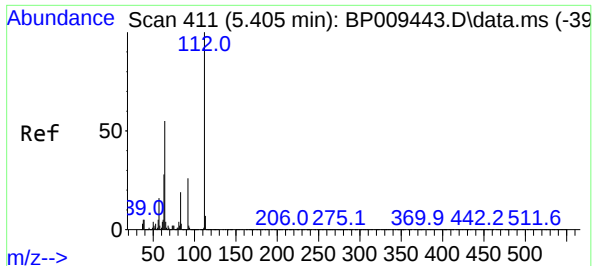
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#4
n-Nitrosodimethylamine
Concen: 7.435 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

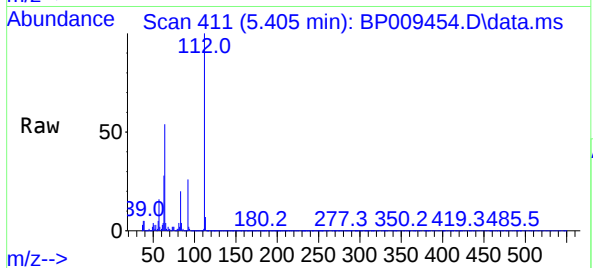
Tgt Ion: 42 Resp: 42385
Ion Ratio Lower Upper
42 100
74 153.1 122.1 183.1
44 11.4 5.8 8.8





#5
2-Fluorophenol
Concen: 154.422 ng
RT: 5.405 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

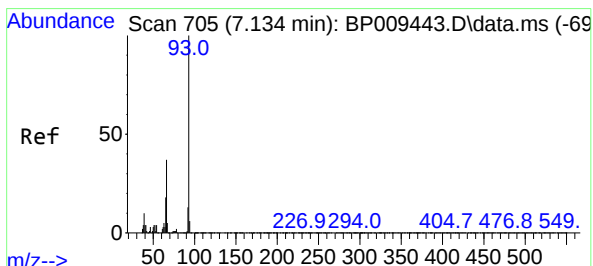
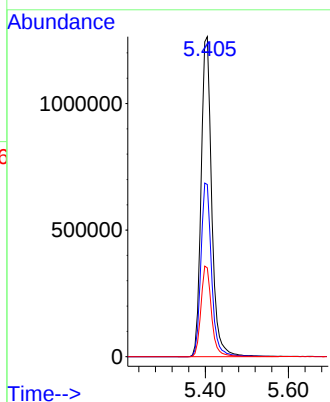
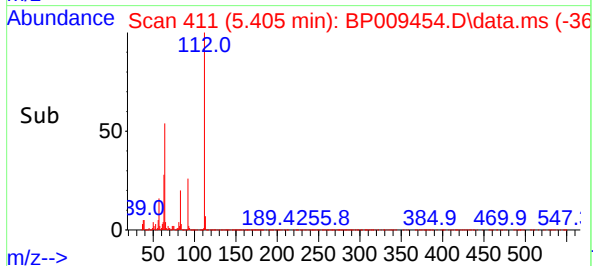
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



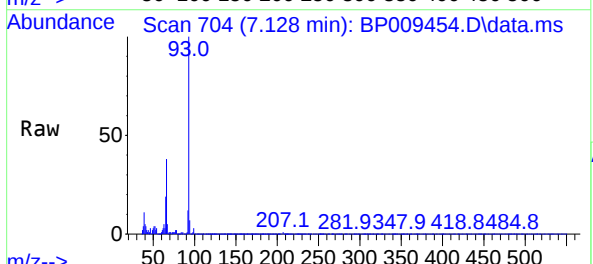
Tgt Ion:112 Resp: 224059
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 27.8 23.0 34.6

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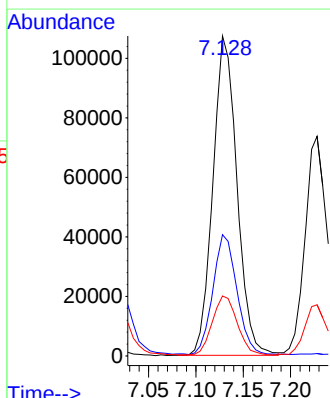
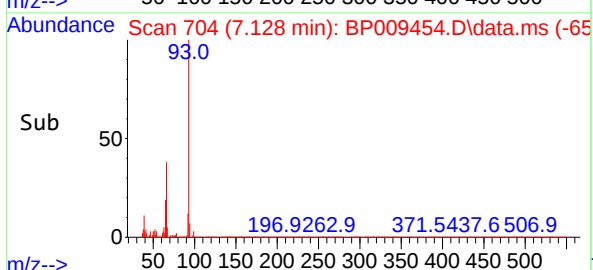
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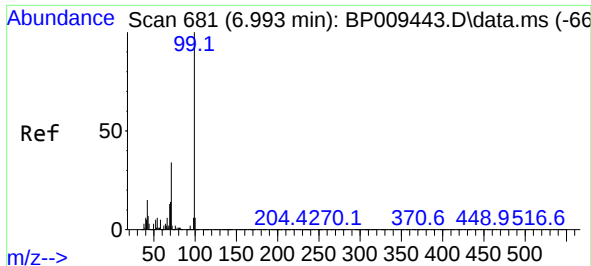


#6
Aniline
Concen: 8.478 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



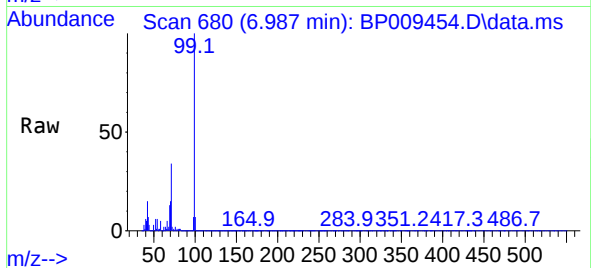
Tgt Ion: 93 Resp: 189601
Ion Ratio Lower Upper
93 100
66 37.9 30.9 46.3
65 18.8 15.8 23.8





#7
Phenol-d6
Concen: 150.142 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

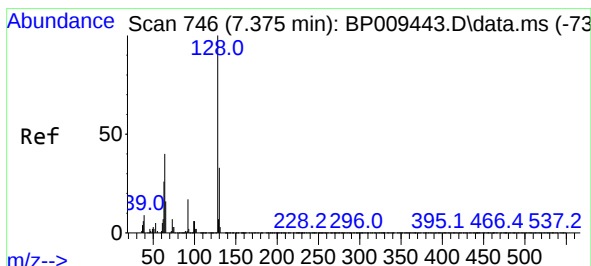
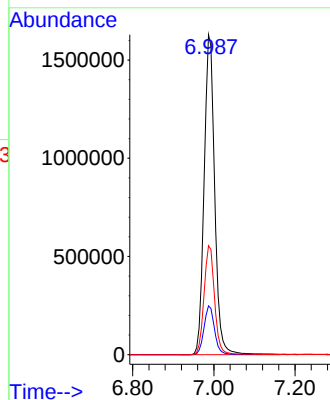
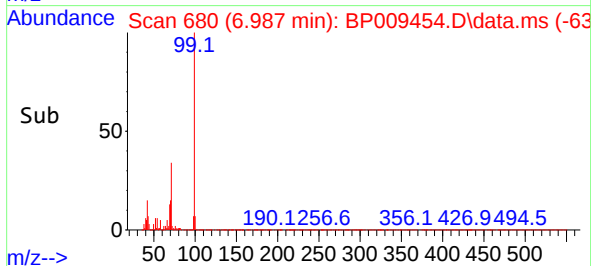
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Tgt Ion: 99 Resp: 294609
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 34.1 26.3 39.5

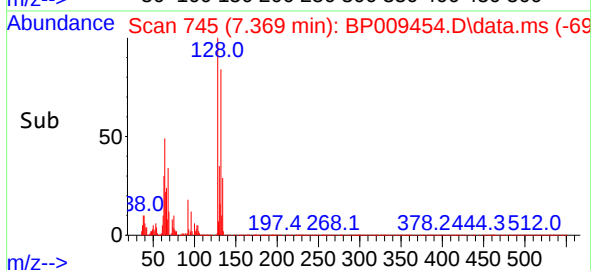
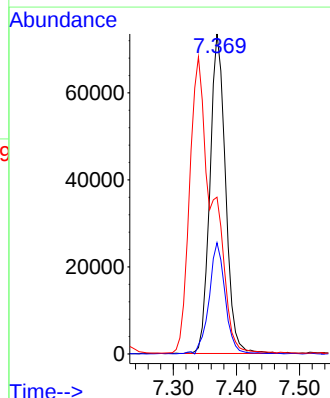
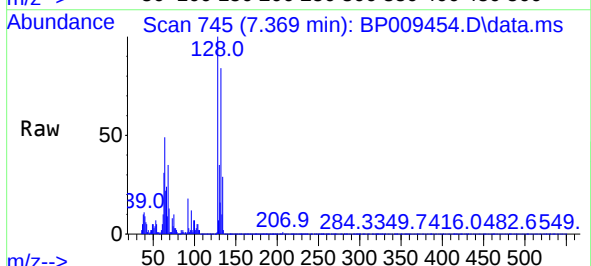
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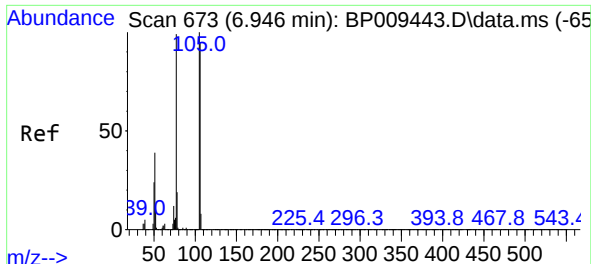
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#8
2-Chlorophenol
Concen: 7.640 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

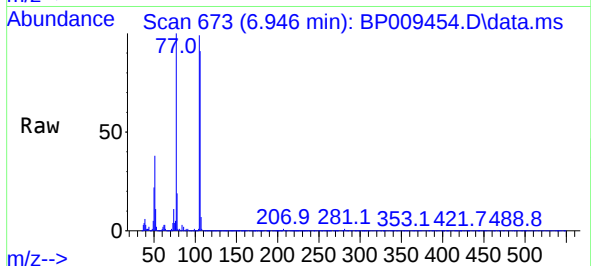
Tgt Ion:128 Resp: 126411
Ion Ratio Lower Upper
128 100
130 34.7 12.5 52.5
64 49.0 26.2 66.2





#9
Benzaldehyde
Concen: 10.481 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

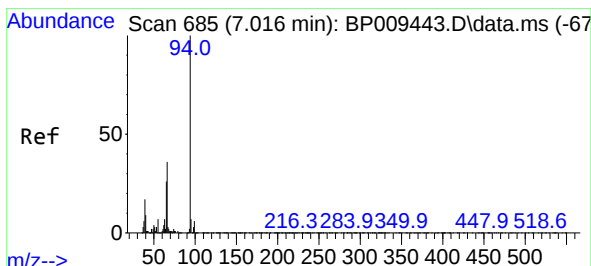
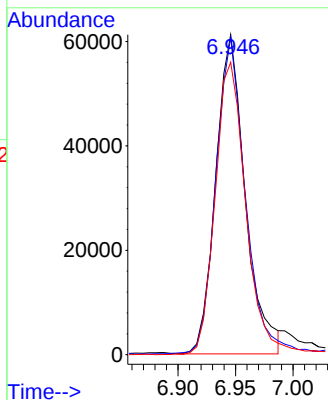
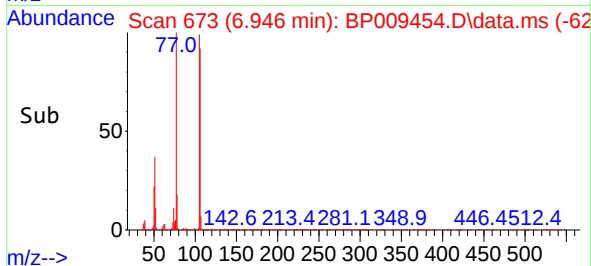
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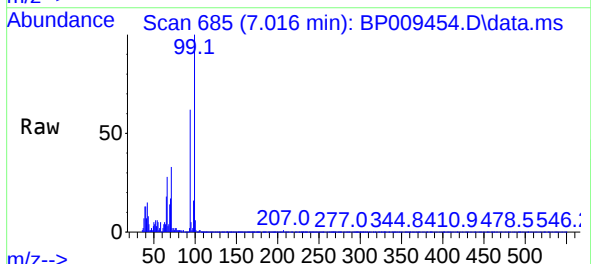
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Ion Ratio Lower Upper
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Manual Integrations
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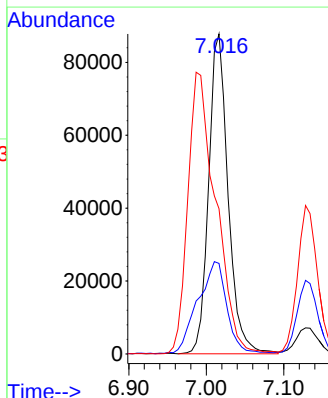
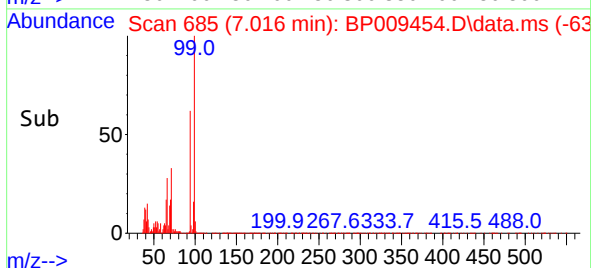
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

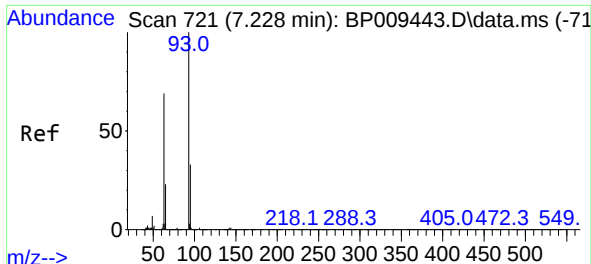


#10
Phenol
Concen: 7.759 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



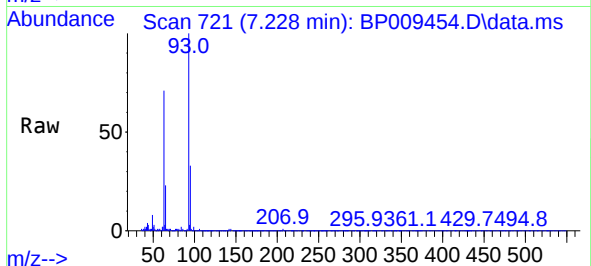
Tgt Ion: 94 Resp: 152745
Ion Ratio Lower Upper
94 100
65 28.3 7.2 47.2
66 45.4 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 7.825 ng
RT: 7.228 min Scan# 711
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

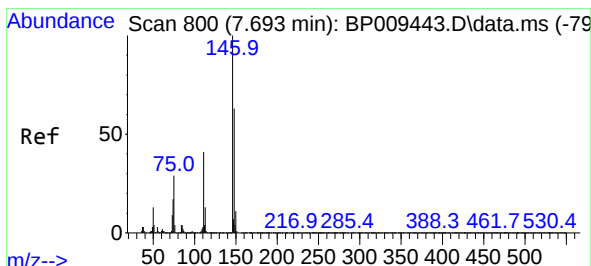
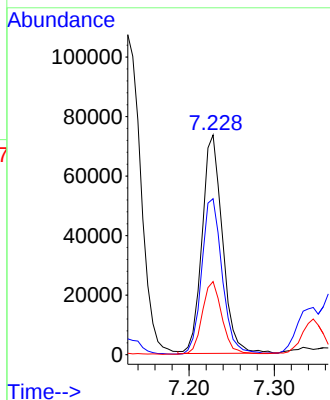
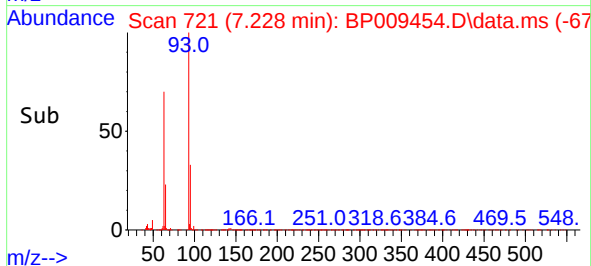
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



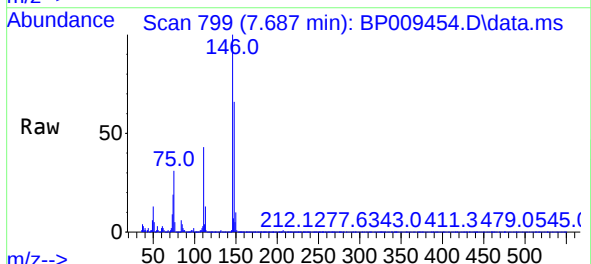
Tgt Ion: 93 Resp: 121911
Ion Ratio Lower Upper
93 100
63 71.0 53.5 93.5
95 33.3 12.0 52.0

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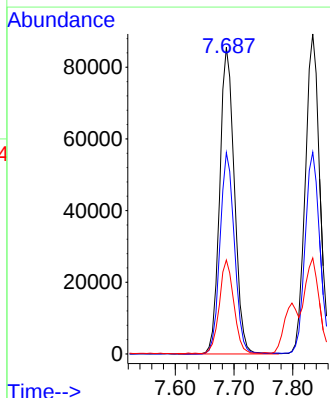
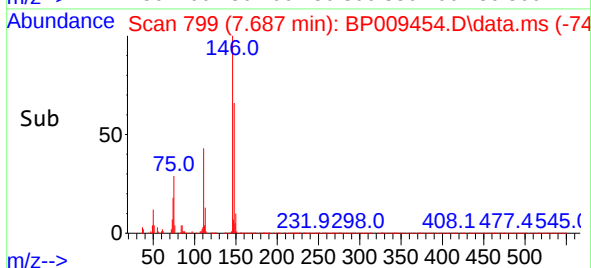
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

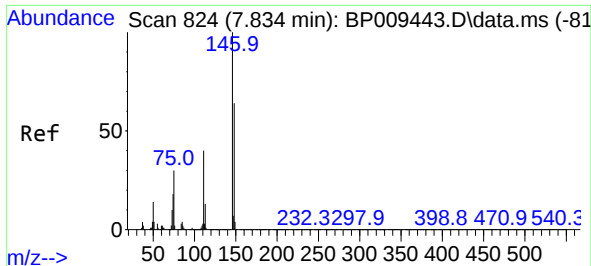


#12
1,3-Dichlorobenzene
Concen: 7.928 ng
RT: 7.687 min Scan# 799
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



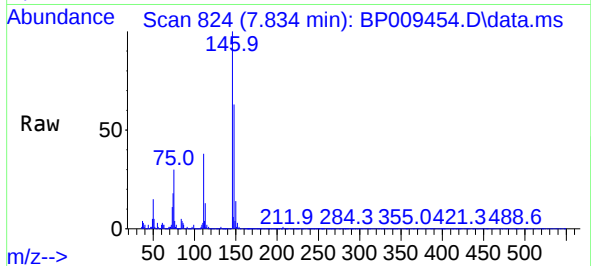
Tgt Ion:146 Resp: 148049
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
75 30.6 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 8.025 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

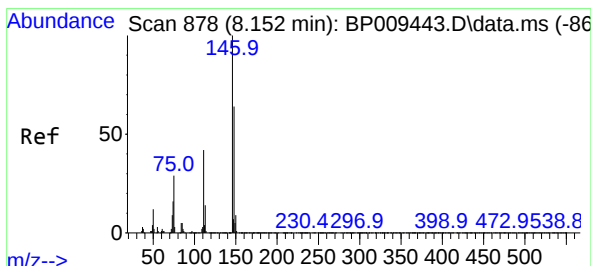
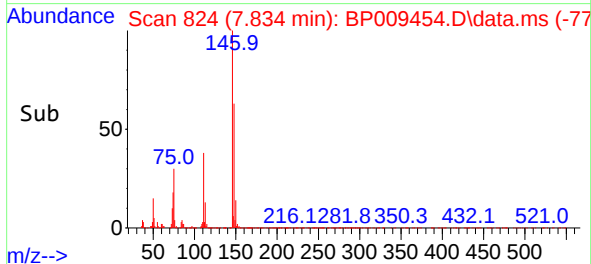
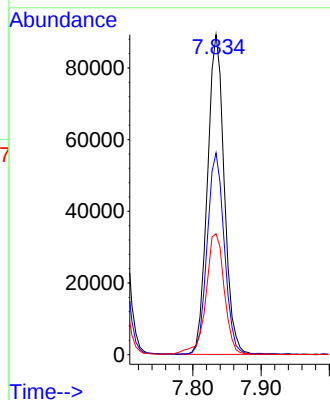
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:146 Resp: 153210
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
111 37.8 32.1 48.1

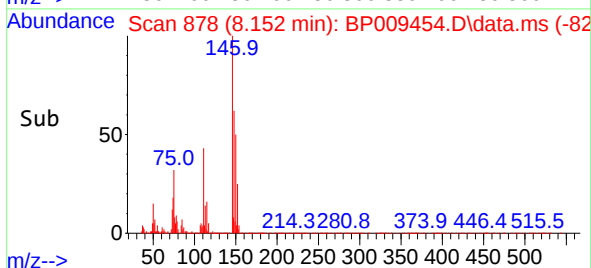
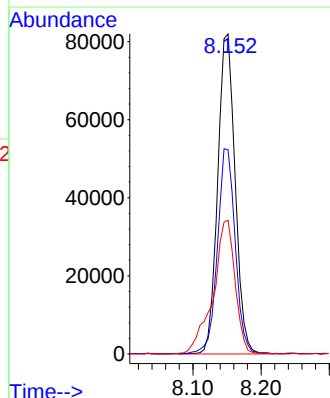
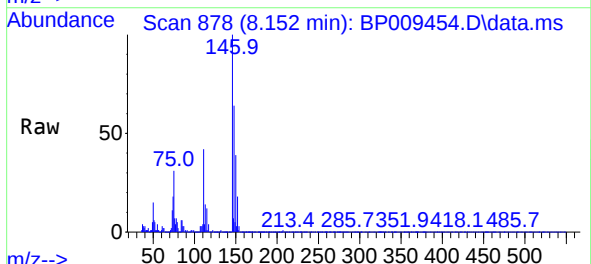
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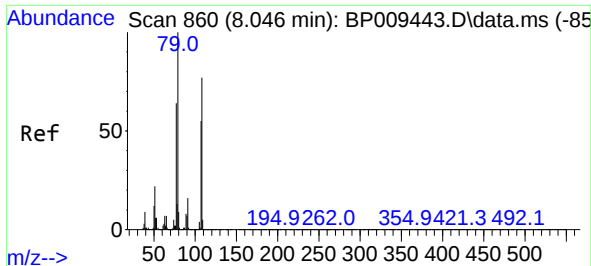
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#14
1,2-Dichlorobenzene
Concen: 7.902 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

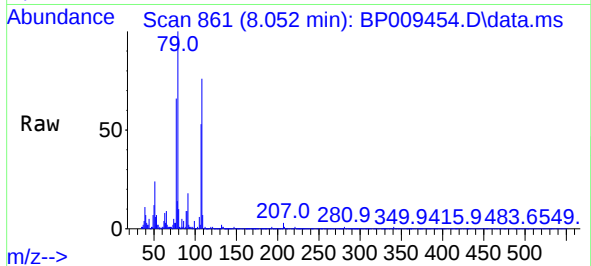
Tgt Ion:146 Resp: 145819
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 41.8 34.1 51.1





#15
Benzyl Alcohol
Concen: 7.971 ng m
RT: 8.052 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

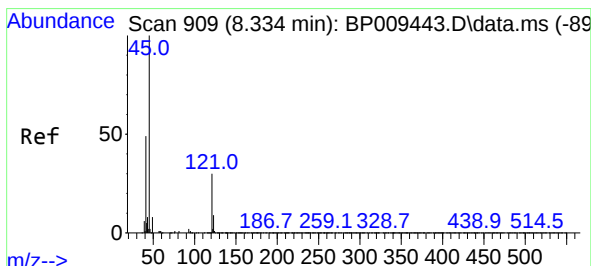
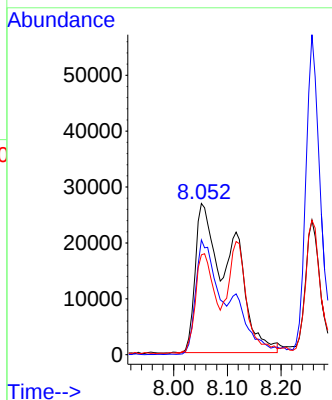
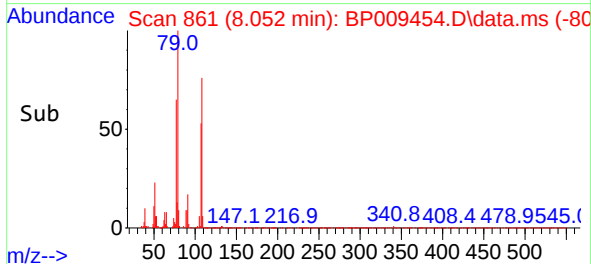
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 79 Resp: 12470
Ion Ratio Lower Upper
79 100
108 75.9 62.5 93.7
77 66.0 51.7 77.5

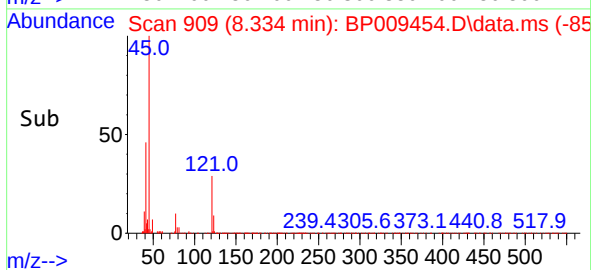
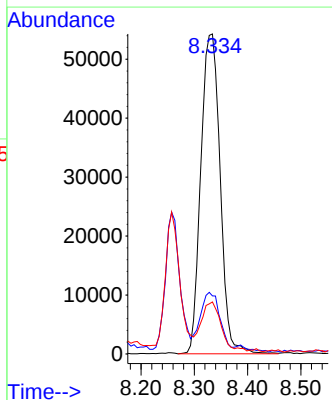
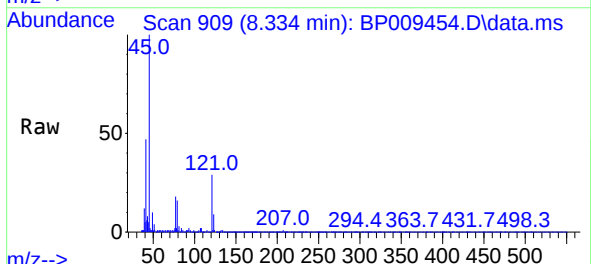
Manual Integrations
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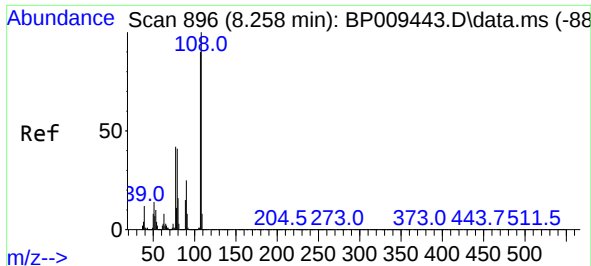
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.089 ng
RT: 8.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

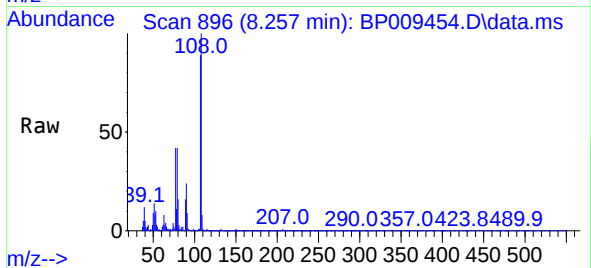
Tgt Ion: 45 Resp: 136608
Ion Ratio Lower Upper
45 100
77 18.1 0.0 36.5
79 16.2 0.0 32.4





#17
2-Methylphenol
Concen: 7.258 ng
RT: 8.257 min Scan# 896
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

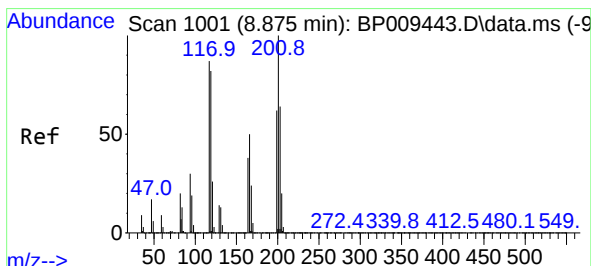
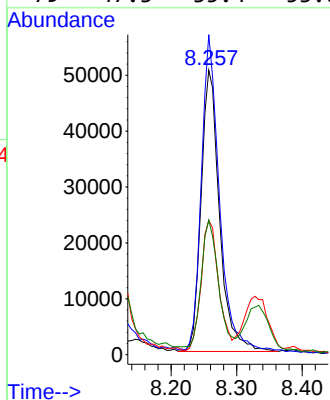
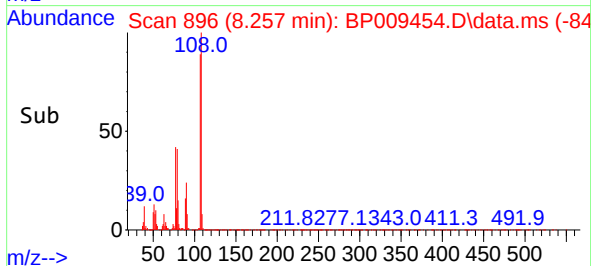


Tgt Ion:107 Resp: 9846

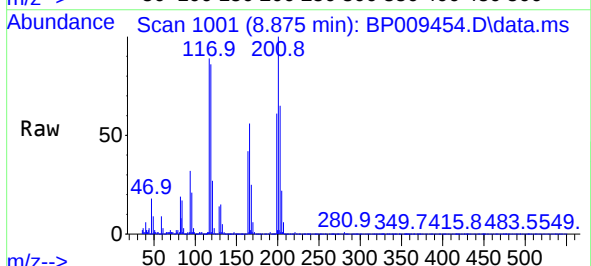
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	47.2	36.3	54.5
79	47.3	35.4	53.0

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Supervised By :Jagrut Upadhyay 03/22/2022

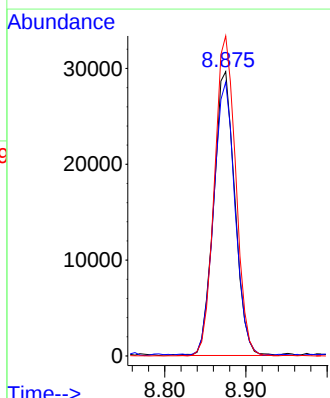
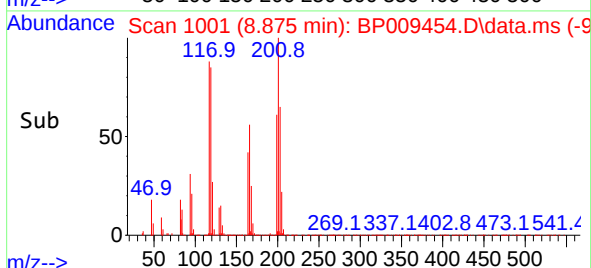


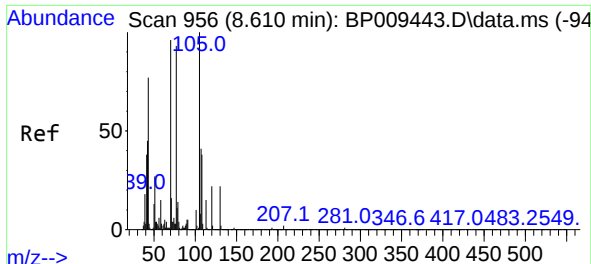
#18
Hexachloroethane
Concen: 8.025 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:117 Resp: 53696

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.4	114.6
201	112.5	83.4	125.2





#19

n-Nitroso-di-n-propylamine

Concen: 7.272 ng

RT: 8.604 min Scan# 90

Delta R.T. -0.006 min

Lab File: BP009454.D

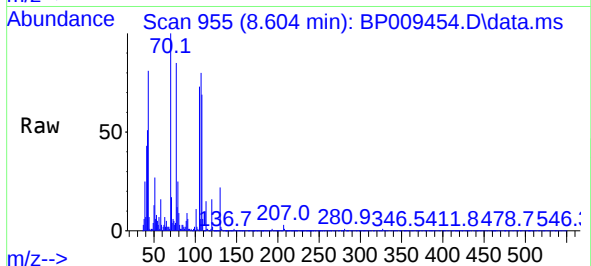
Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 70 Resp: 9024

Ion Ratio Lower Upper

70 100

42 50.6 41.0 61.4

101 11.2 7.9 11.9

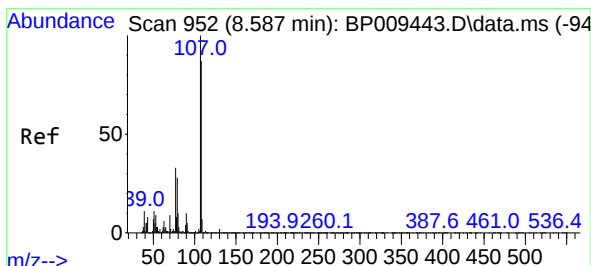
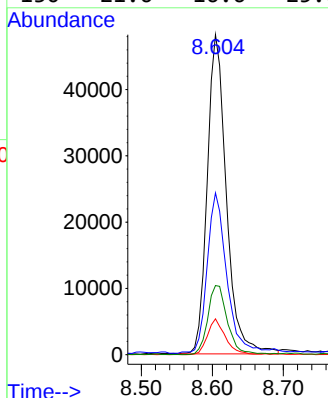
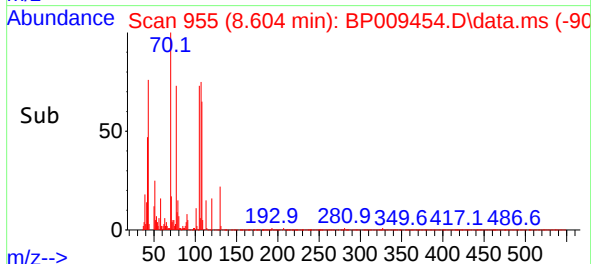
130 21.6 16.6 25.0

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: 6.605 ng

RT: 8.599 min Scan# 954

Delta R.T. 0.012 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Tgt Ion:107 Resp: 123210

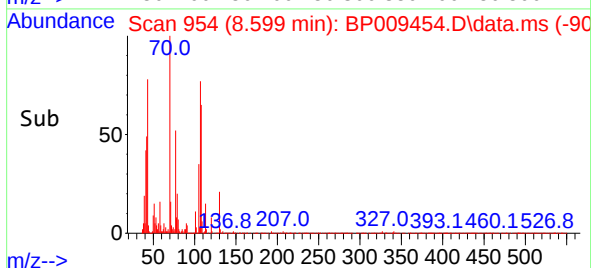
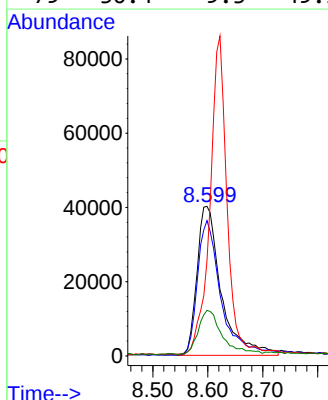
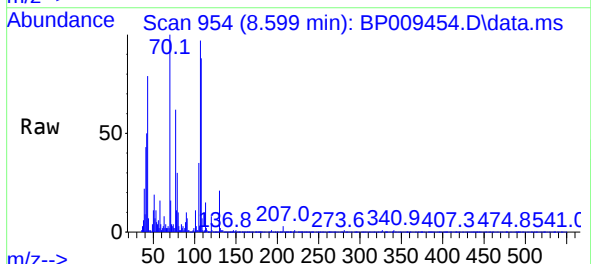
Ion Ratio Lower Upper

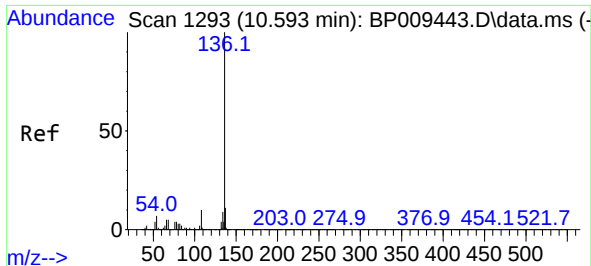
107 100

108 90.5 69.4 109.4

77 63.7 13.6 53.6#

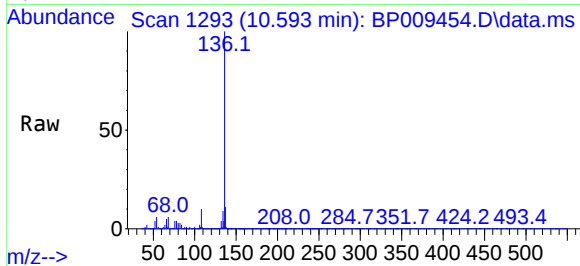
79 30.4 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

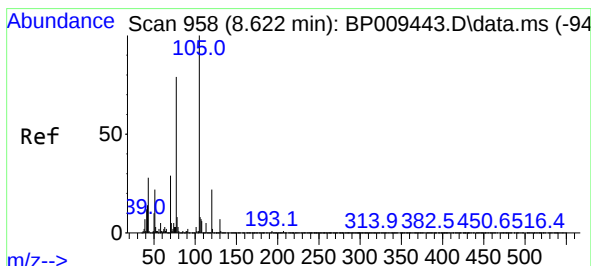
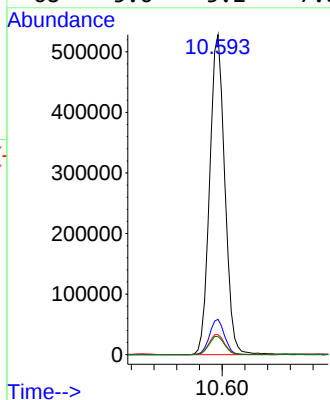
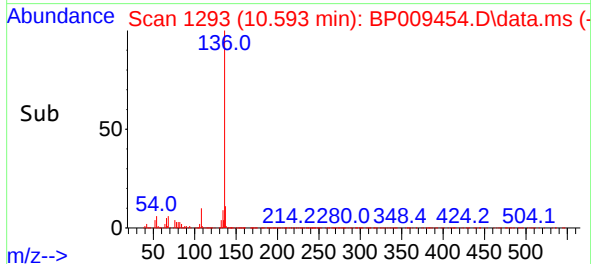
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:136 Resp: 975279
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.3 5.8 8.8
68 5.6 5.2 7.8

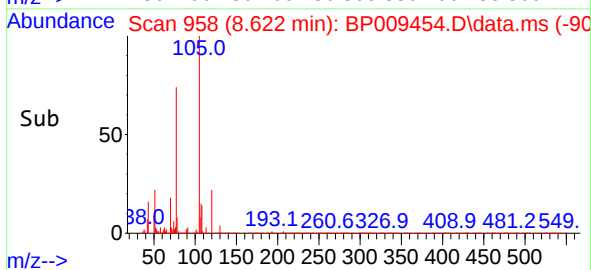
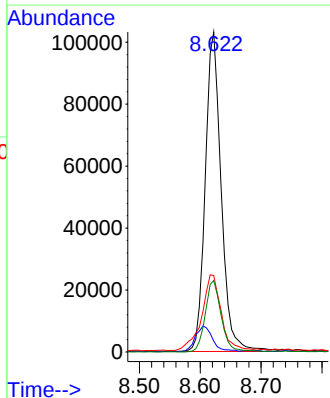
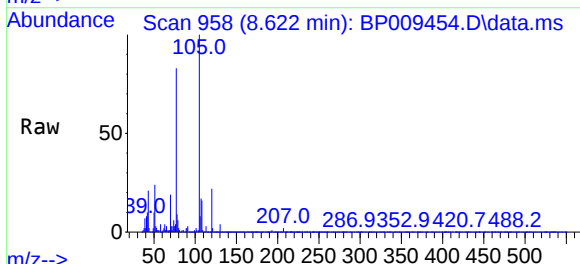
Manual Integrations
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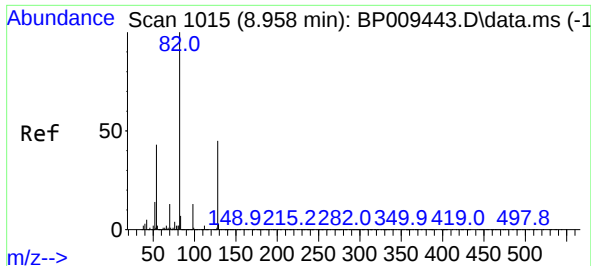
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 7.783 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:105 Resp: 187863
Ion Ratio Lower Upper
105 100
71 3.4 5.5 8.3#
51 23.9 18.9 28.3
120 22.3 18.1 27.1





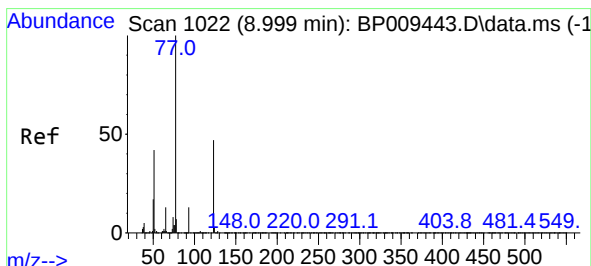
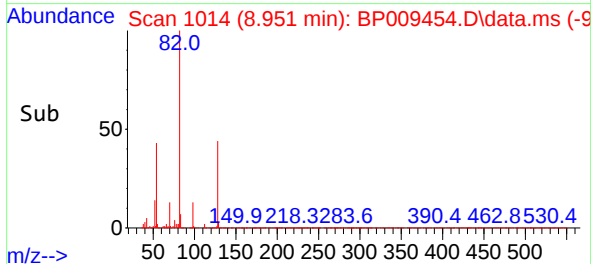
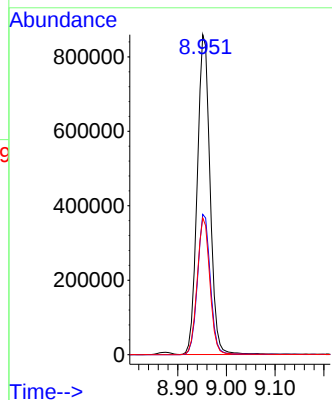
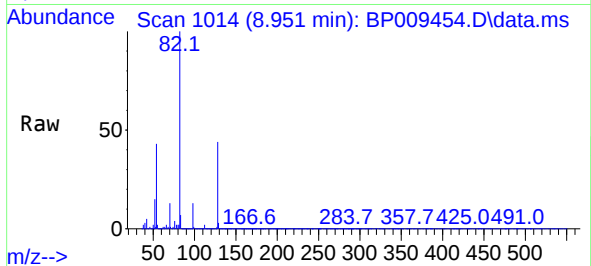
#23
Nitrobenzene-d5
Concen: 85.857 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion: 82 Resp: 157570
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 42.7 34.7 52.1

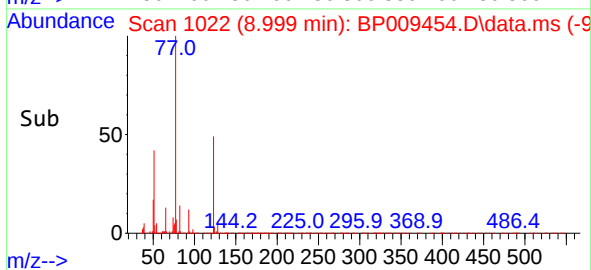
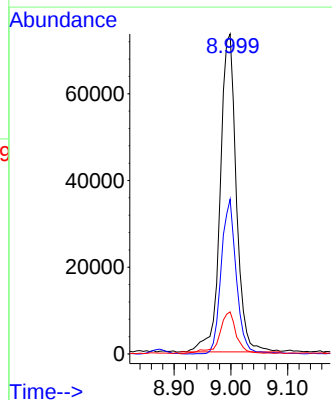
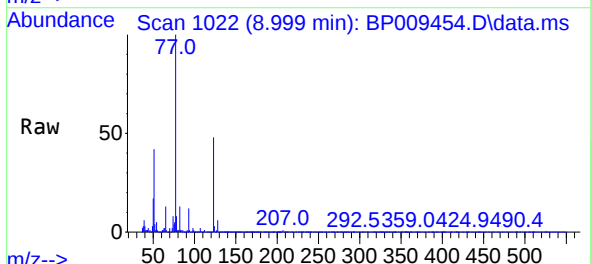
Manual Integrations
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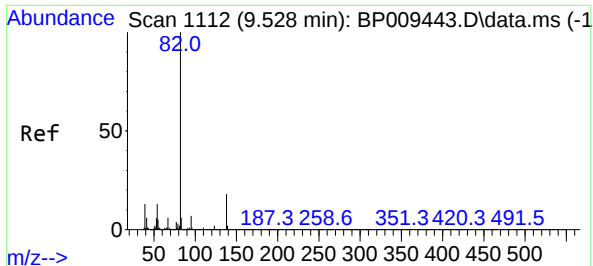
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#24
Nitrobenzene
Concen: 8.350 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 77 Resp: 144769
Ion Ratio Lower Upper
77 100
123 48.4 35.5 53.3
65 13.2 10.3 15.5





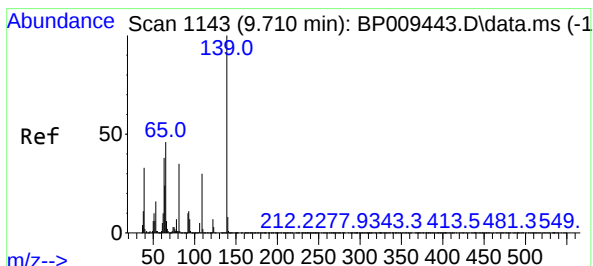
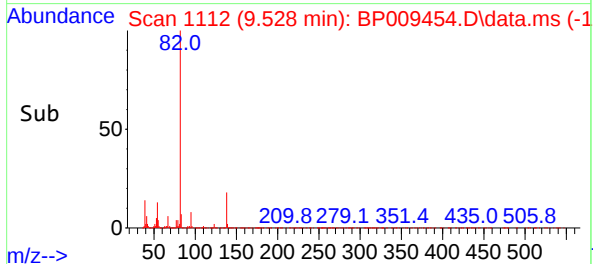
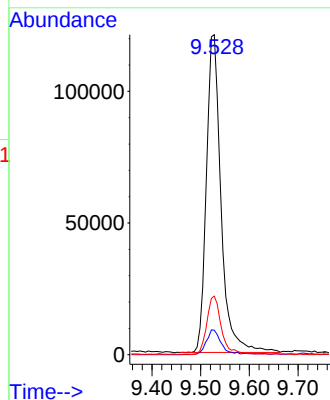
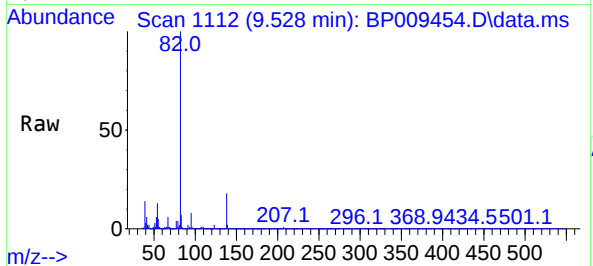
#25
Isophorone
Concen: 8.042 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion: 82 Resp: 25177
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 18.3 13.8 20.8

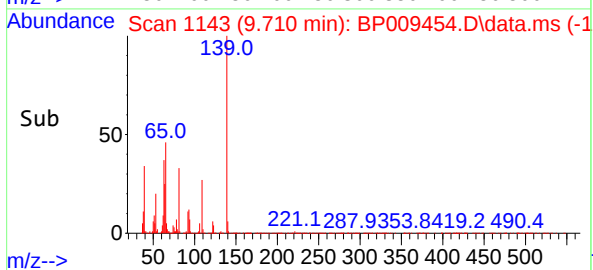
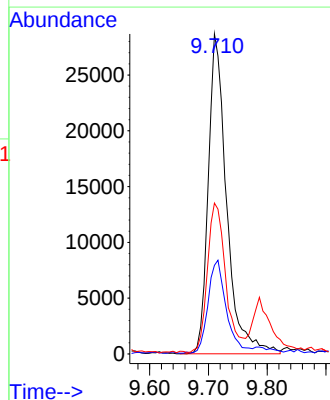
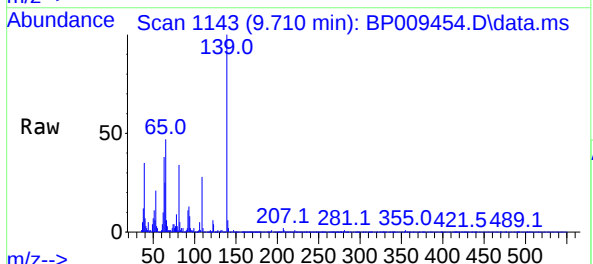
Manual Integrations
APPROVED

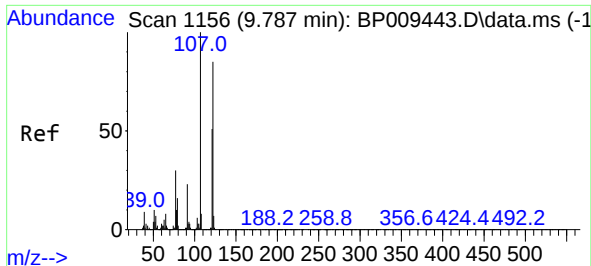
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
2-Nitrophenol
Concen: 6.867 ng
RT: 9.710 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:139 Resp: 62053
Ion Ratio Lower Upper
139 100
109 27.7 23.4 35.0
65 47.1 41.0 61.6





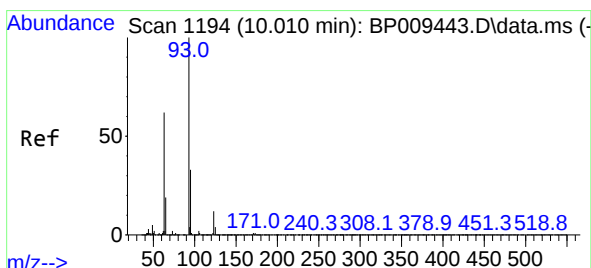
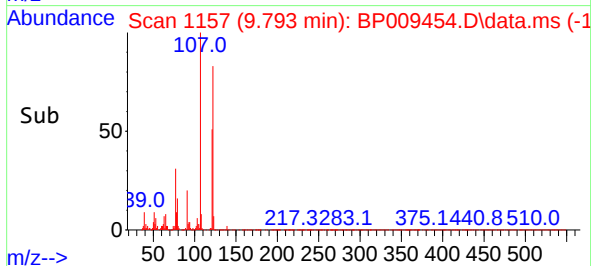
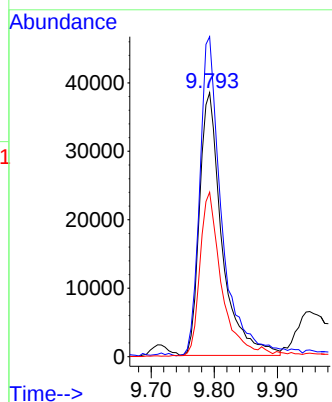
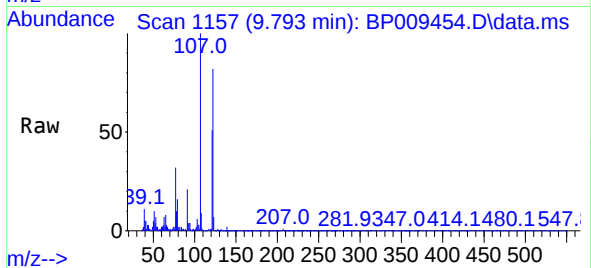
#27
2,4-Dimethylphenol
Concen: 7.412 ng
RT: 9.793 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:122 Resp: 94510
Ion Ratio Lower Upper
122 100
107 121.2 92.6 138.8
121 62.3 46.7 70.1

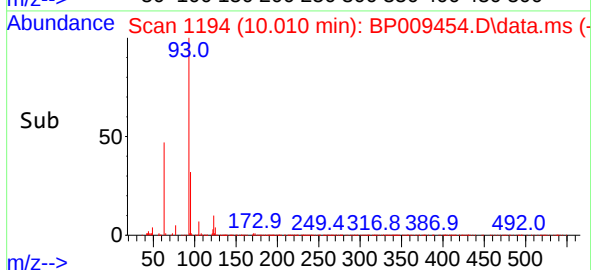
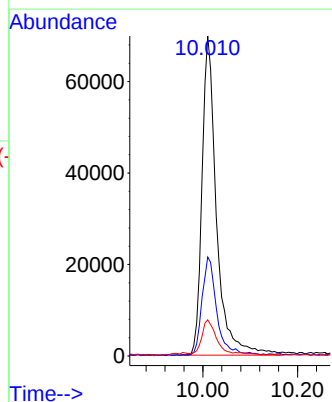
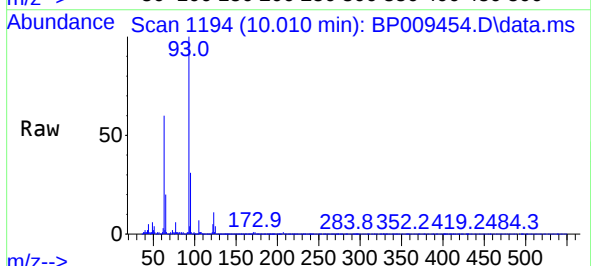
Manual Integrations
APPROVED

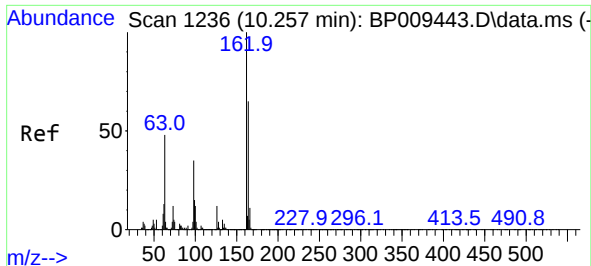
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 7.252 ng
RT: 10.010 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion: 93 Resp: 147827
Ion Ratio Lower Upper
93 100
95 30.9 25.5 38.3
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 6.410 ng

RT: 10.275 min Scan# 1236

Delta R.T. 0.017 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

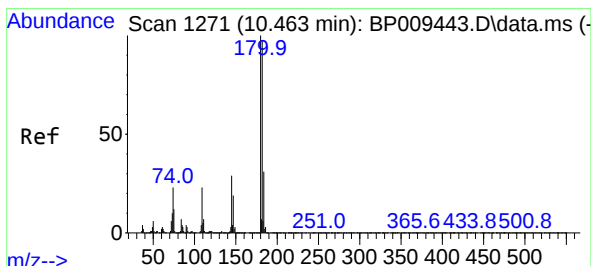
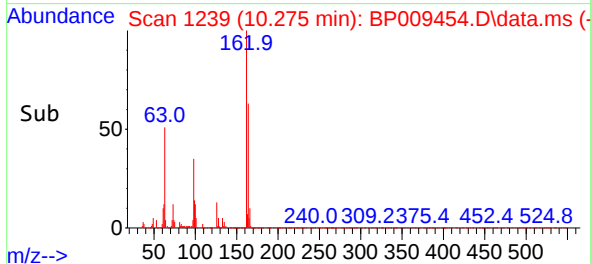
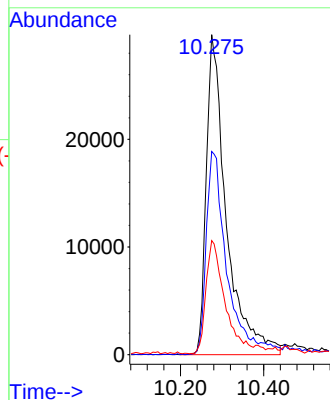
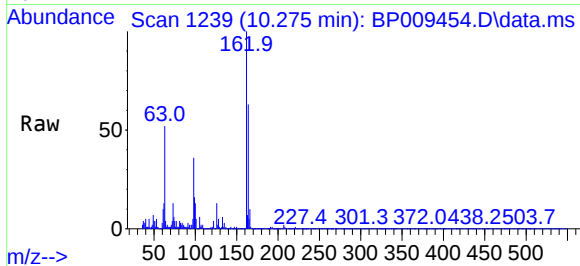
Tgt Ion:	162	Resp:	9969
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.3	84.3
98	35.6	15.6	55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 7.737 ng

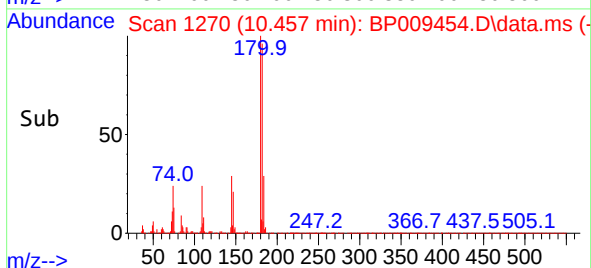
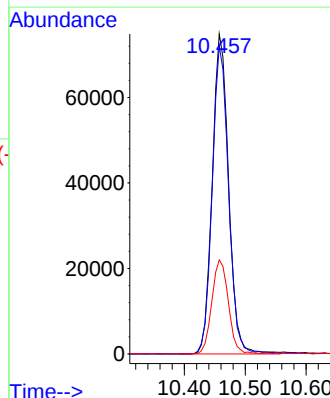
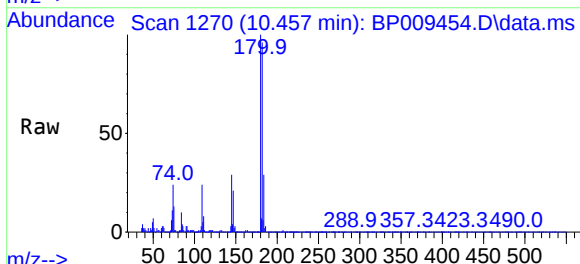
RT: 10.457 min Scan# 1270

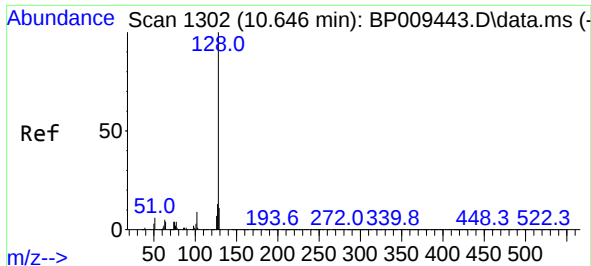
Delta R.T. -0.006 min

Lab File: BP009454.D

Acq: 18 Mar 2022 13:00

Tgt Ion:	180	Resp:	139427
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.4	114.6
145	29.4	23.8	35.6





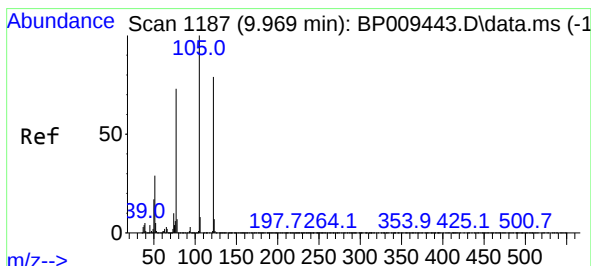
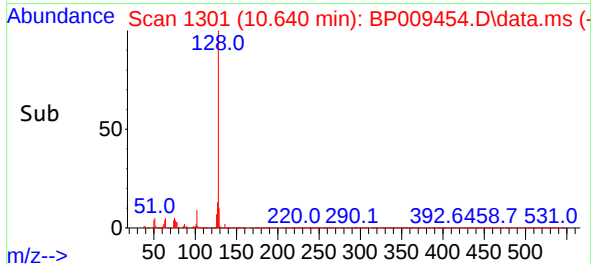
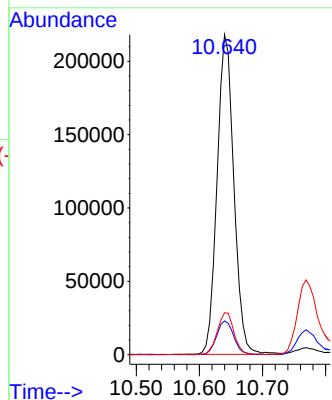
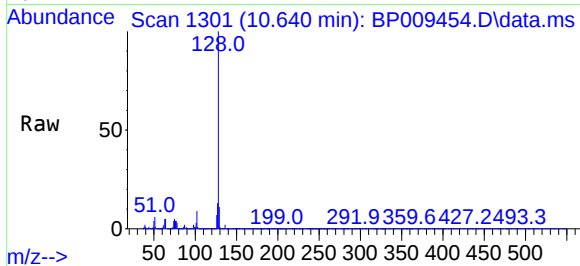
#31
Naphthalene
Concen: 8.019 ng
RT: 10.640 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:128 Resp: 402830
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.1 10.5 15.7

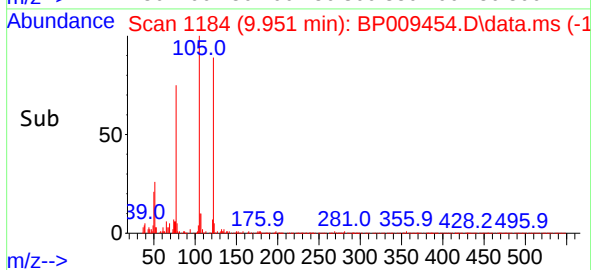
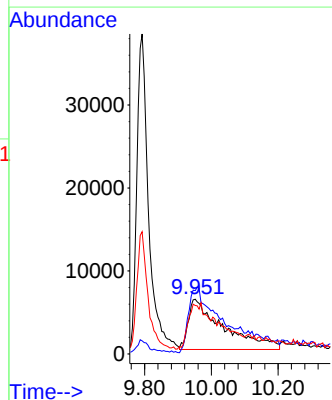
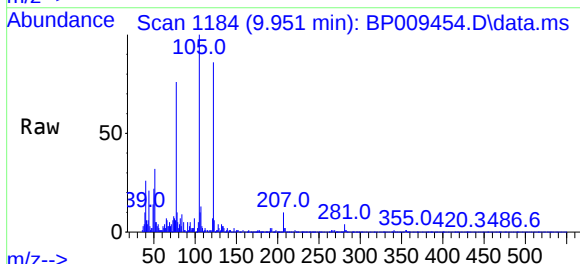
Manual Integrations
APPROVED

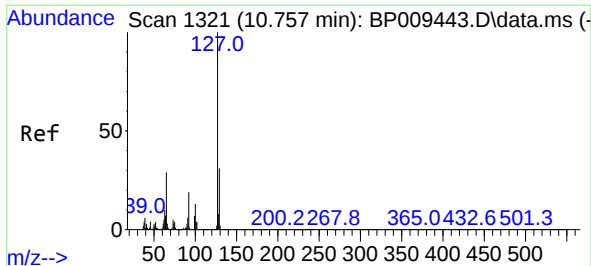
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 4.446 ng m
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

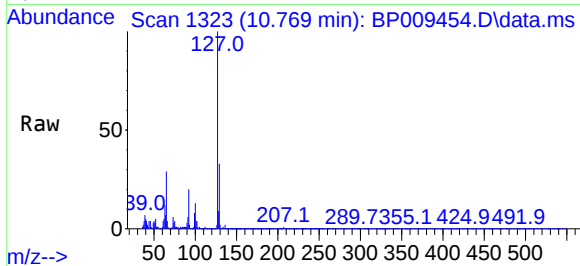
Tgt Ion:122 Resp: 44322
Ion Ratio Lower Upper
122 100
105 115.8 110.5 150.5
77 88.6 79.9 119.9





#33
4-Chloroaniline
Concen: 6.328 ng
RT: 10.769 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

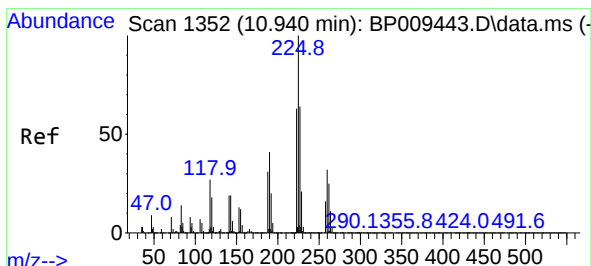
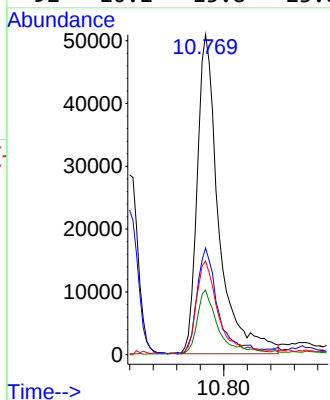
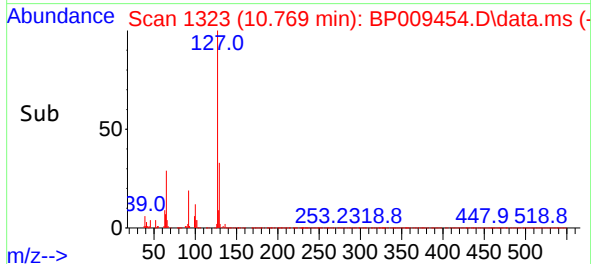
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:127 Resp: 12972
Ion Ratio Lower Upper
127 100
129 33.4 25.5 38.3
65 29.3 24.3 36.5
92 20.2 15.8 23.8

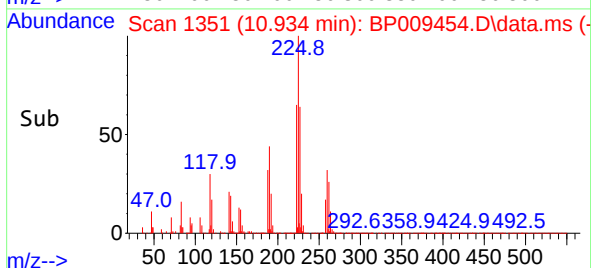
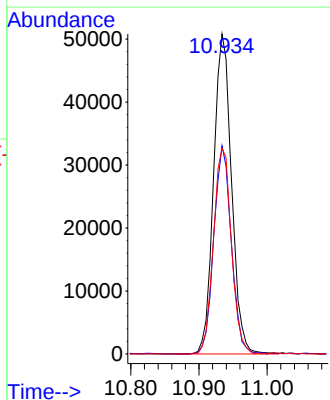
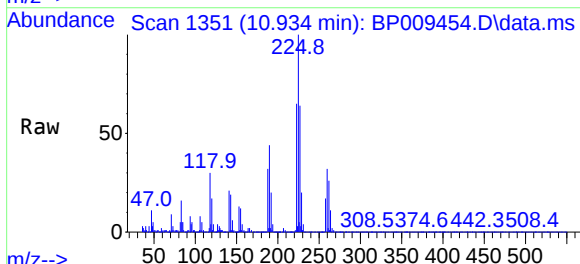
Manual Integrations
APPROVED

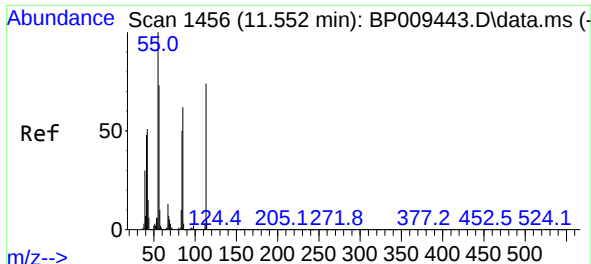
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 7.610 ng
RT: 10.934 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

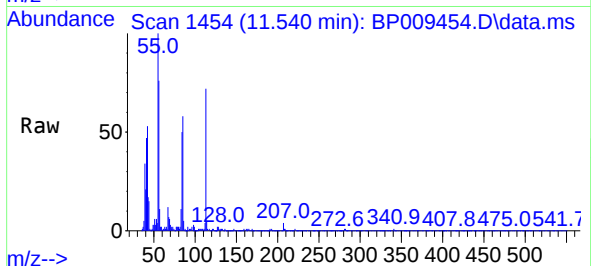
Tgt Ion:225 Resp: 92924
Ion Ratio Lower Upper
225 100
223 65.0 50.5 75.7
227 64.3 51.2 76.8





#35
Caprolactam
Concen: 7.139 ng
RT: 11.540 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

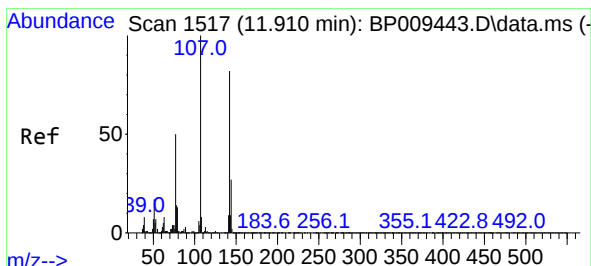
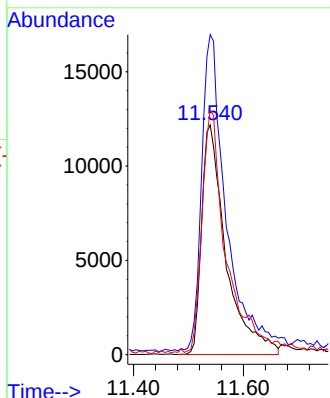
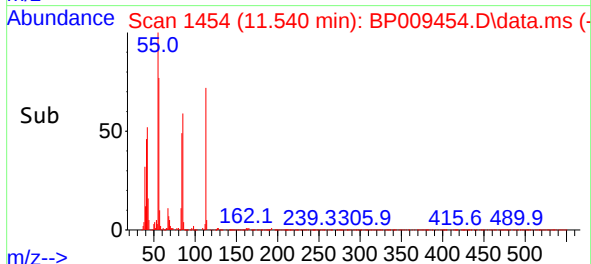
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



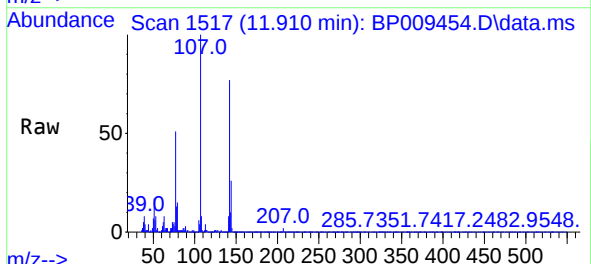
Tgt Ion:113 Resp: 37474
Ion Ratio Lower Upper
113 100
55 139.4 128.4 168.4
56 106.6 90.9 130.9

Manual Integrations
APPROVED

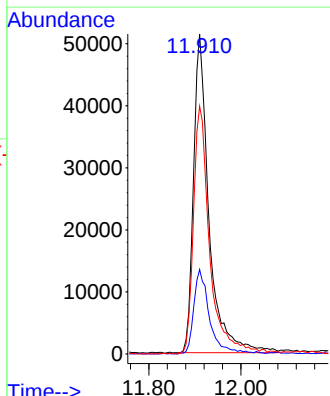
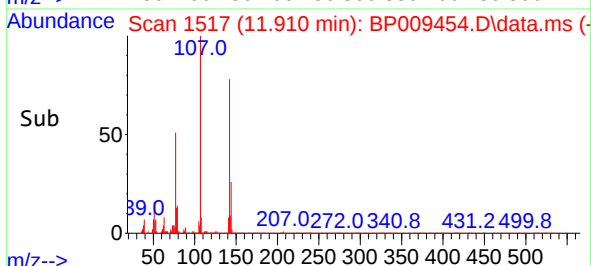
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

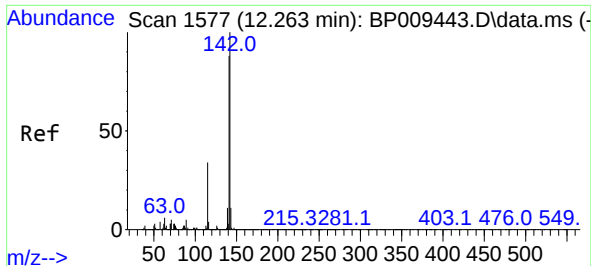


#36
4-Chloro-3-methylphenol
Concen: 7.172 ng
RT: 11.910 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:107 Resp: 119873
Ion Ratio Lower Upper
107 100
144 26.4 21.0 31.4
142 77.4 64.9 97.3





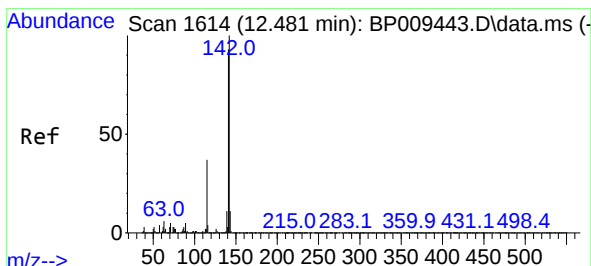
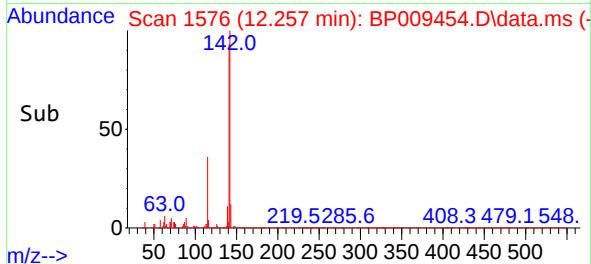
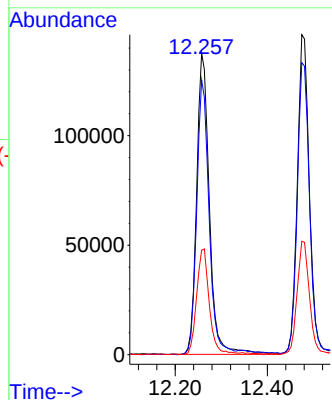
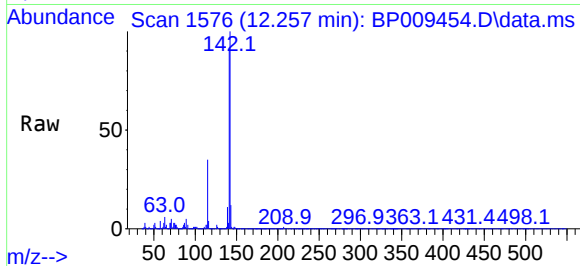
#37
2-Methylnaphthalene
Concen: 7.525 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:142 Resp: 26525
Ion Ratio Lower Upper
142 100
141 91.1 70.2 105.4
115 34.7 27.4 41.2

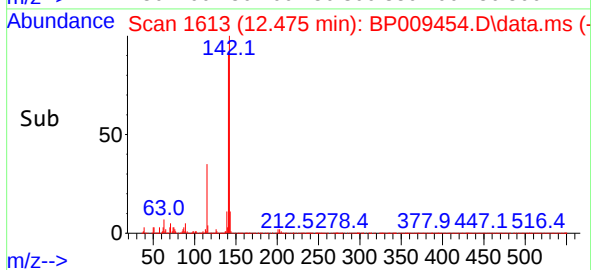
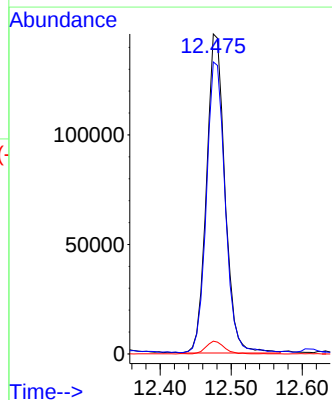
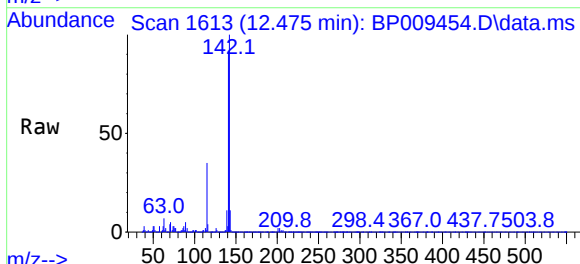
Manual Integrations
APPROVED

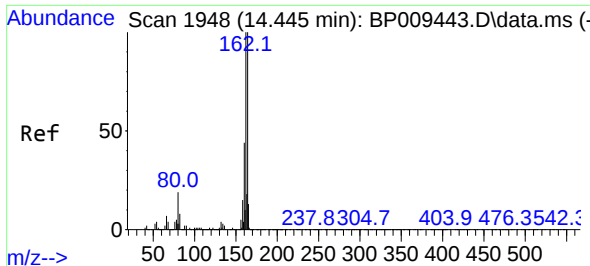
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#38
1-Methylnaphthalene
Concen: 7.677 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

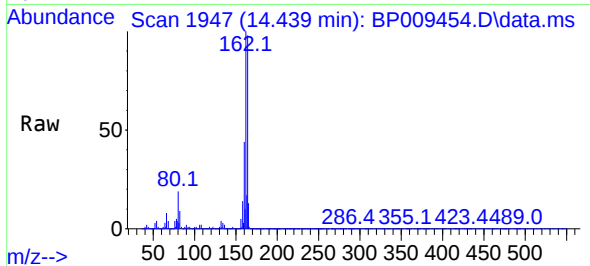
Tgt Ion:142 Resp: 263610
Ion Ratio Lower Upper
142 100
141 91.2 73.5 110.3
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

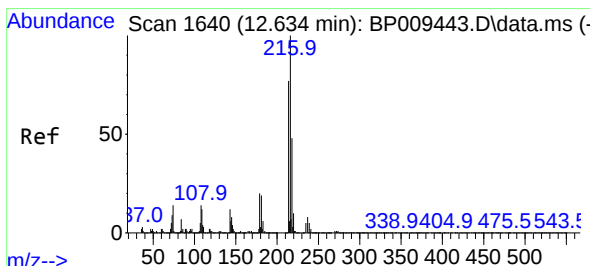
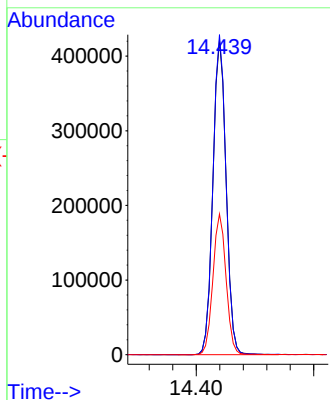
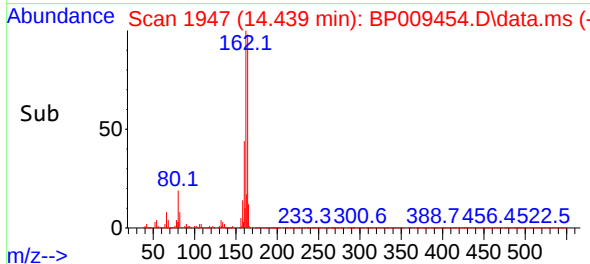
Instrument : BNA_P
Client Sample Id : LOD-MDL-SOIL-01-QT1-2022



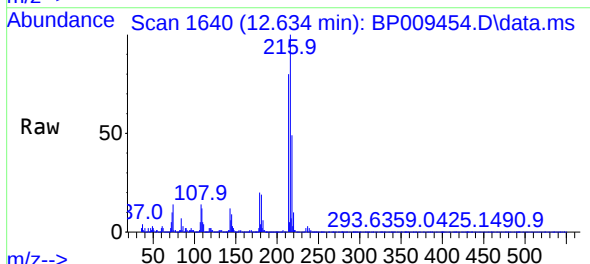
Tgt Ion:164 Resp: 65725
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.7 34.9 52.3

Manual Integrations
APPROVED

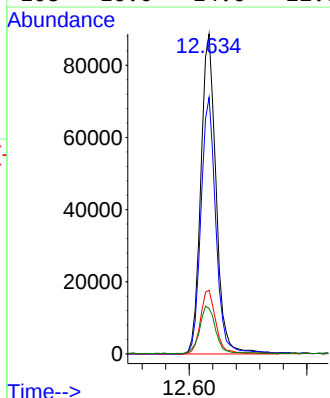
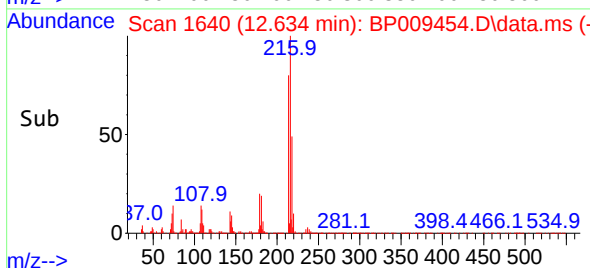
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

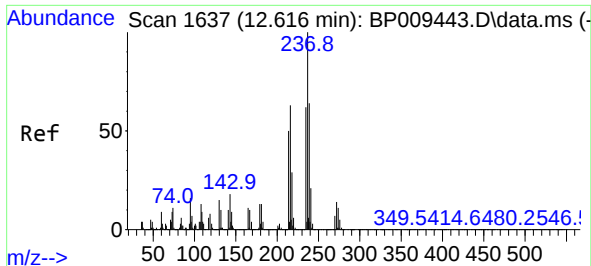


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.311 ng
RT: 12.634 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:216 Resp: 159441
Ion Ratio Lower Upper
216 100
214 79.0 62.3 93.5
179 19.9 16.8 25.2
108 16.0 14.6 22.0





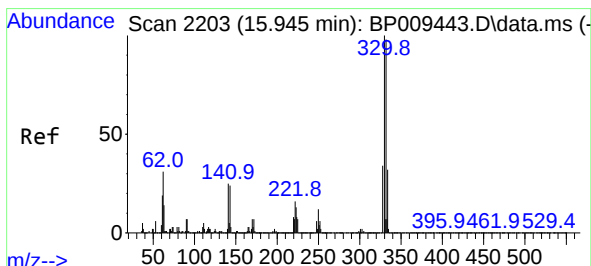
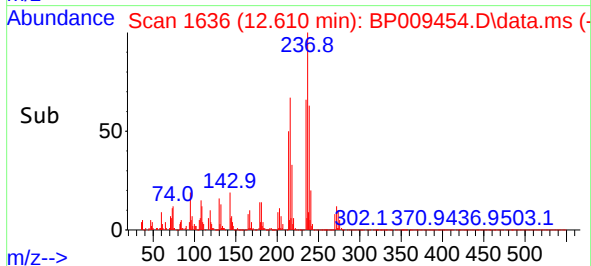
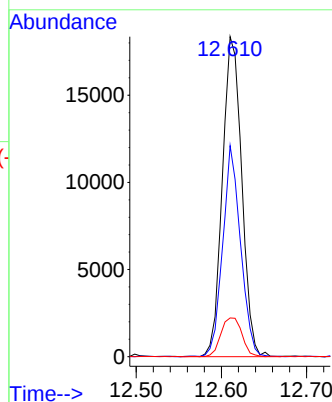
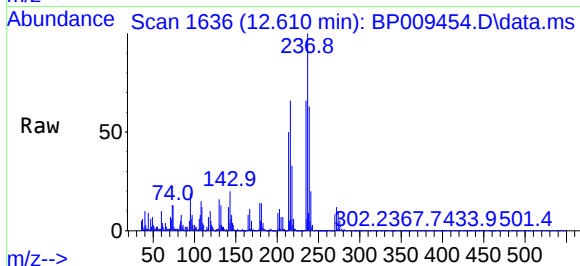
#41
Hexachlorocyclopentadiene
Concen: 3.775 ng
RT: 12.610 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:	237	Resp:	29000
Ion Ratio	Lower	Upper	
237	100		
235	66.0	42.6	82.6
272	12.1	0.0	32.8

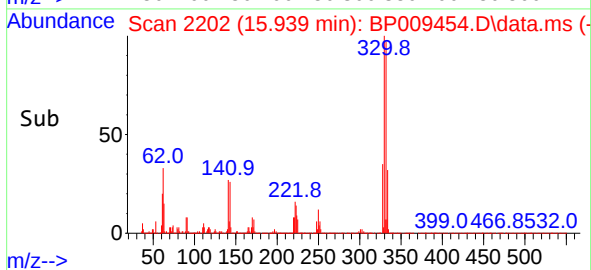
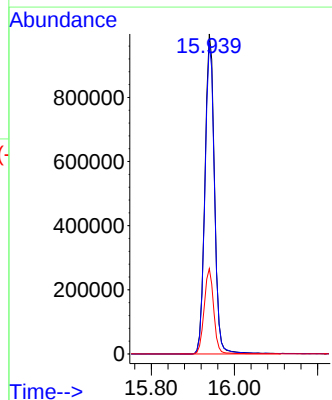
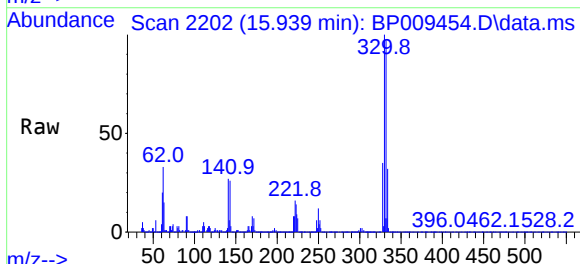
Manual Integrations
APPROVED

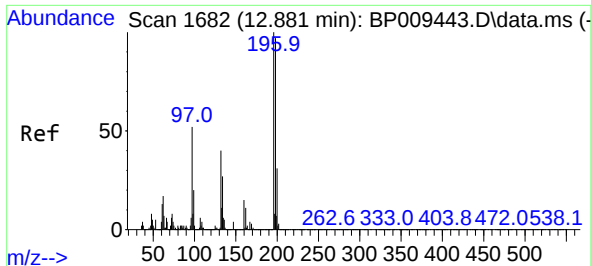
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#42
2,4,6-Tribromophenol
Concen: 147.146 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:	330	Resp:	1595916
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	26.5	27.6	41.4#





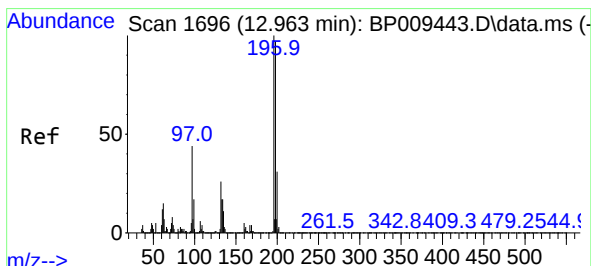
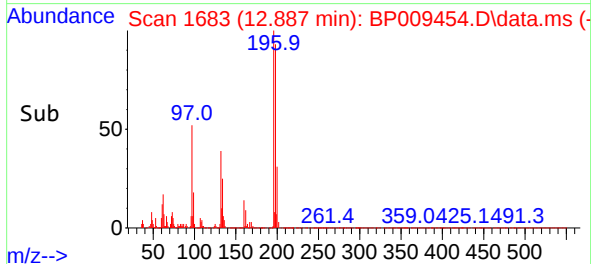
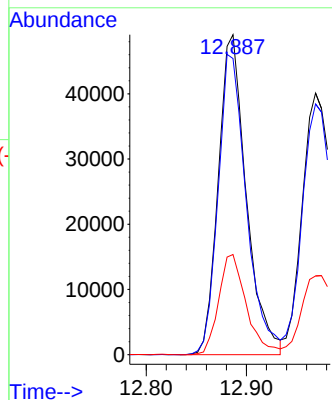
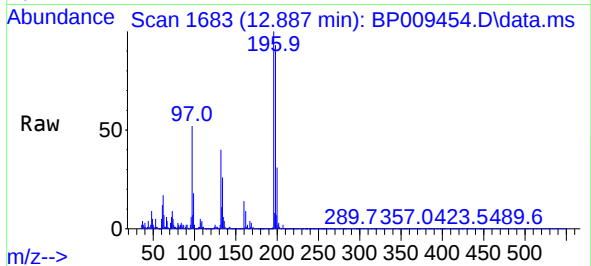
#43
2,4,6-Trichlorophenol
Concen: 6.570 ng
RT: 12.887 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:196 Resp: 9496
Ion Ratio Lower Upper
196 100
198 92.5 76.2 114.4
200 31.3 24.4 36.6

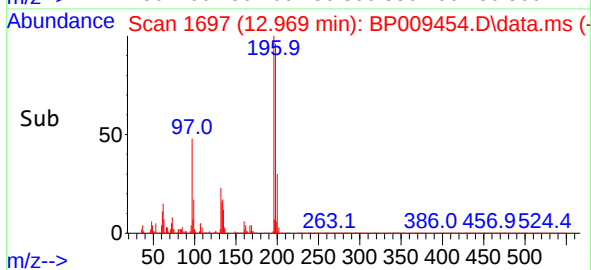
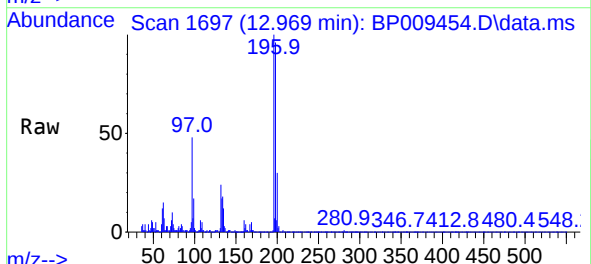
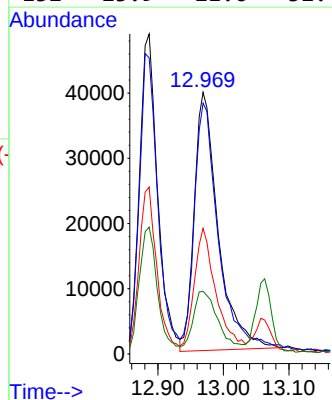
Manual Integrations
APPROVED

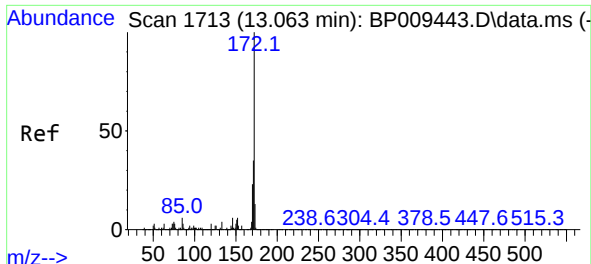
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#44
2,4,5-Trichlorophenol
Concen: 6.418 ng
RT: 12.969 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:196 Resp: 100742
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 48.0 38.3 57.5
132 23.9 21.6 32.4





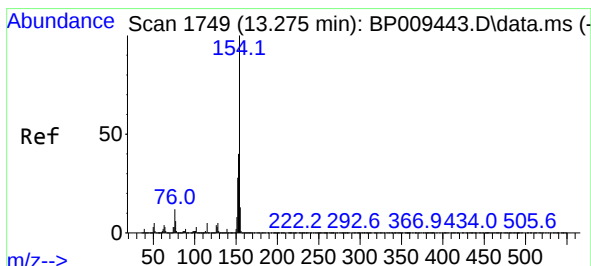
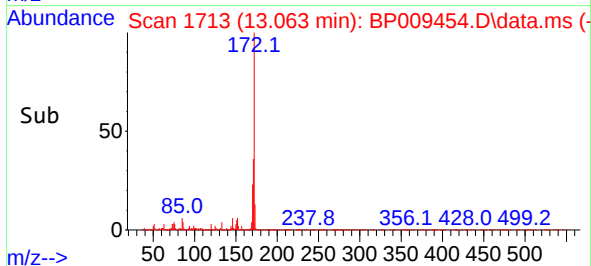
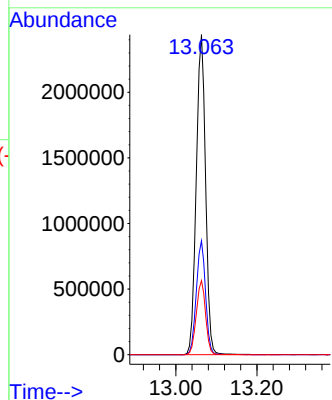
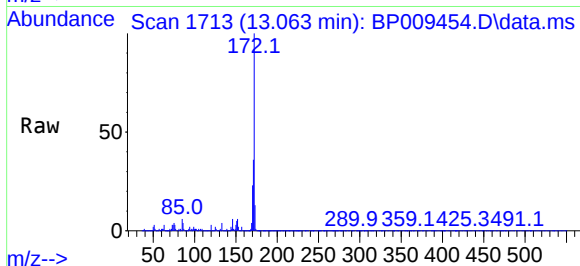
#45
2-Fluorobiphenyl
Concen: 82.584 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:172 Resp: 391536
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.2 18.6 27.8

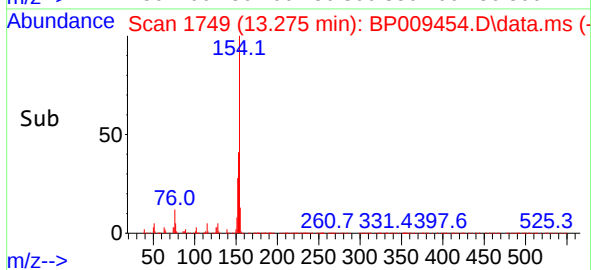
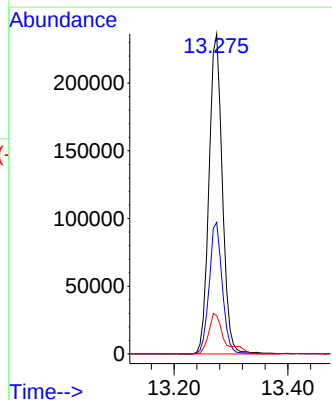
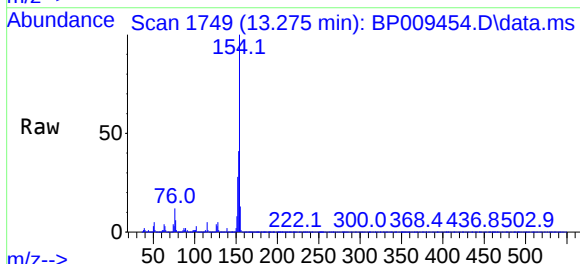
Manual Integrations
APPROVED

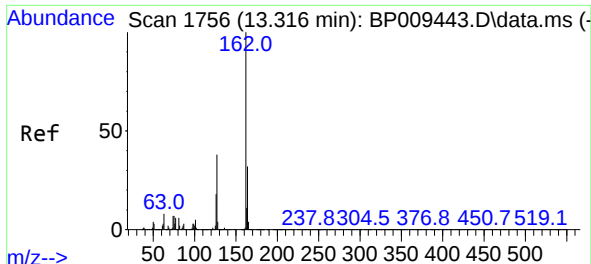
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#46
1,1'-Biphenyl
Concen: 7.826 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

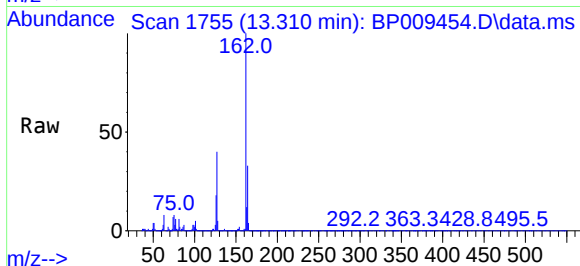
Tgt Ion:154 Resp: 383726
Ion Ratio Lower Upper
154 100
153 41.1 20.2 60.2
76 12.0 0.0 34.0





#47
2-Chloronaphthalene
Concen: 7.543 ng
RT: 13.310 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

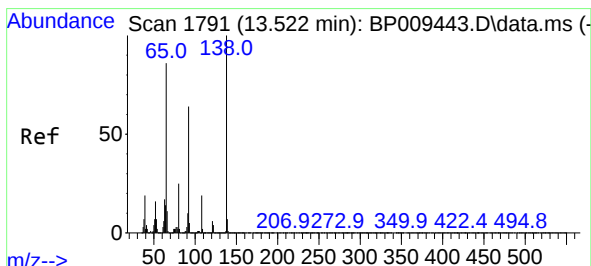
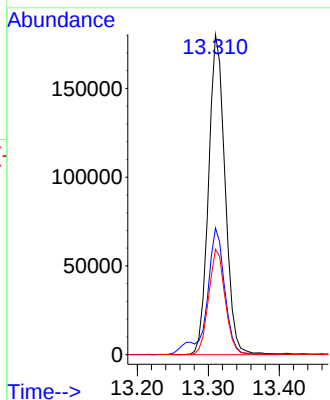
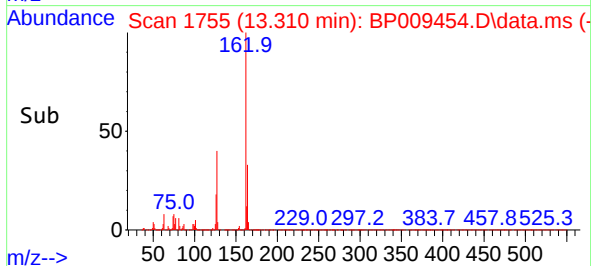
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



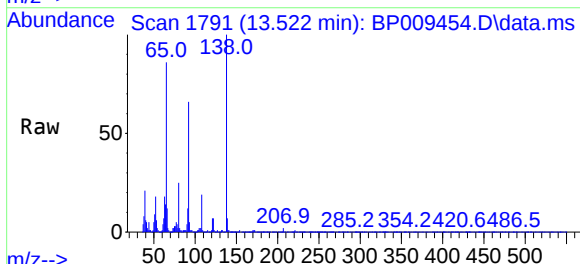
Tgt Ion:162 Resp: 29118
Ion Ratio Lower Upper
162 100
127 39.6 30.8 46.2
164 32.9 26.3 39.5

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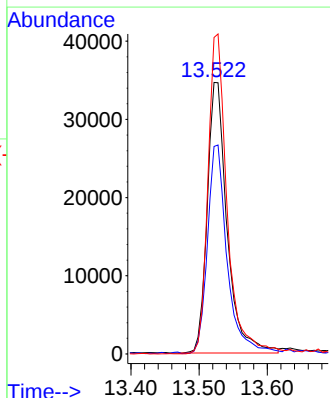
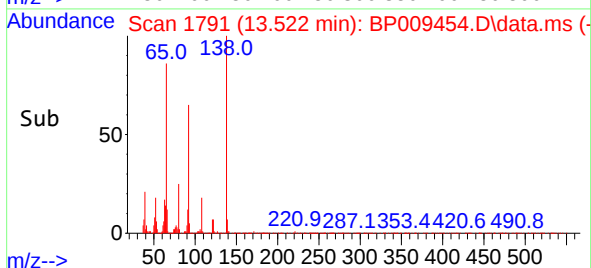
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

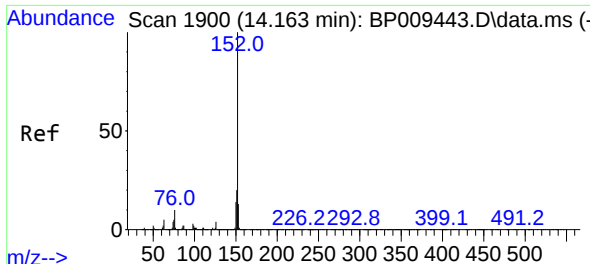


#48
2-Nitroaniline
Concen: 6.695 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion: 65 Resp: 70388
Ion Ratio Lower Upper
65 100
92 76.4 56.9 85.3
138 116.6 89.3 133.9





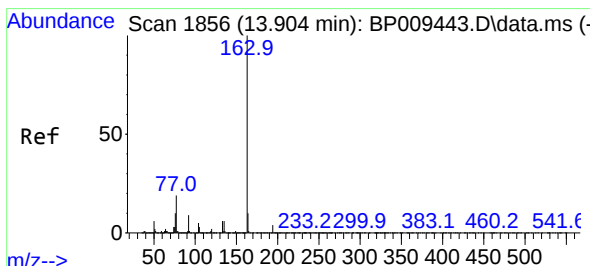
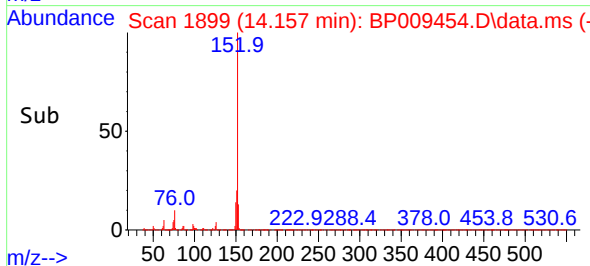
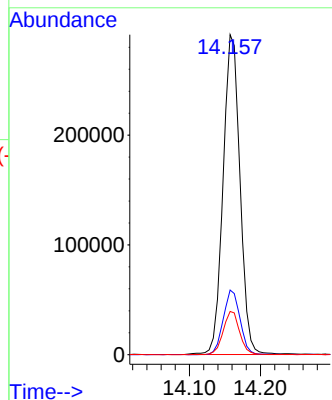
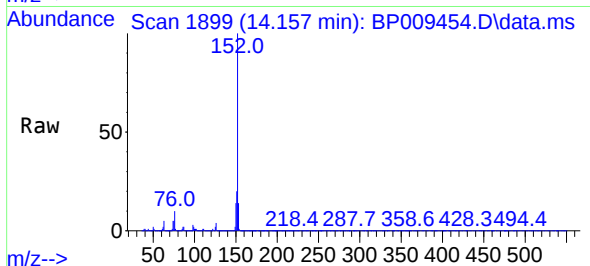
#49
Acenaphthylene
Concen: 8.062 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:152 Resp: 48043
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.5 10.7 16.1

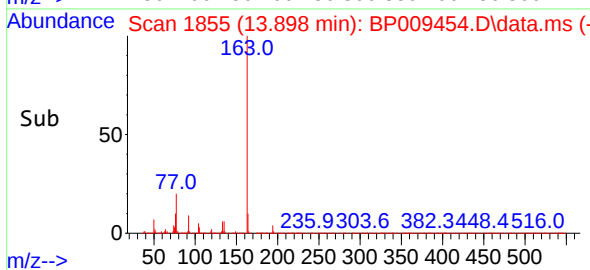
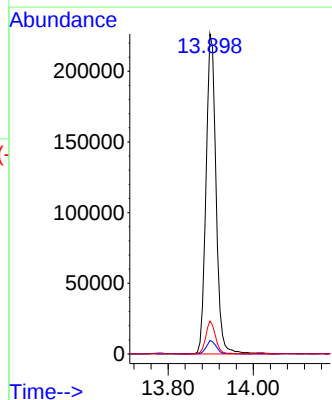
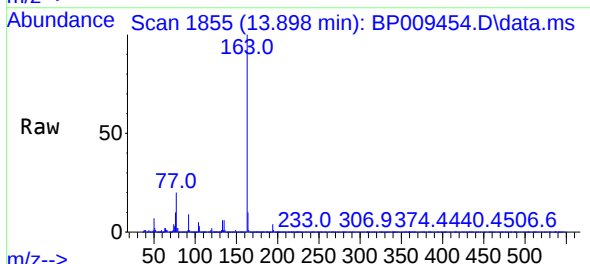
Manual Integrations
APPROVED

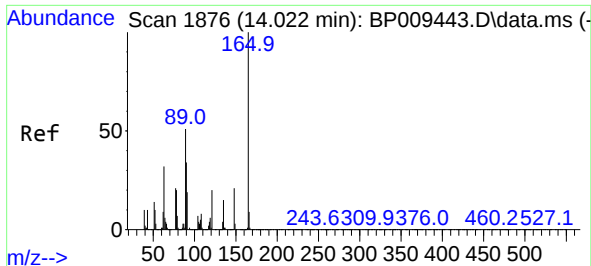
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#50
Dimethylphthalate
Concen: 7.399 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

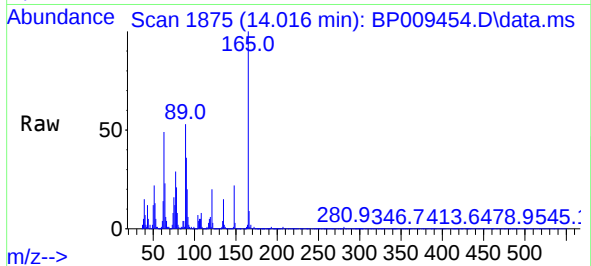
Tgt Ion:163 Resp: 368477
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 7.452 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

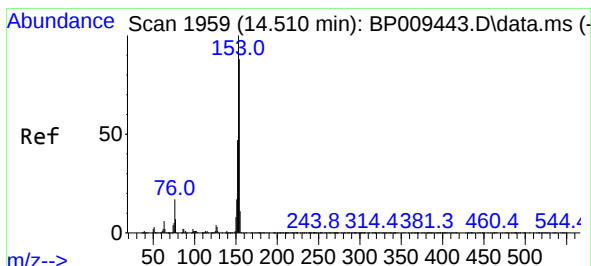
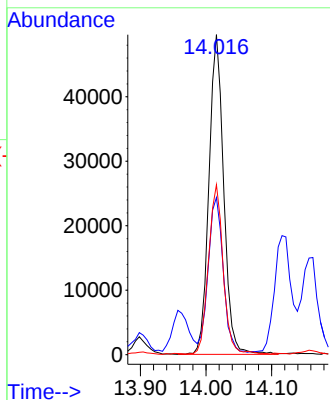
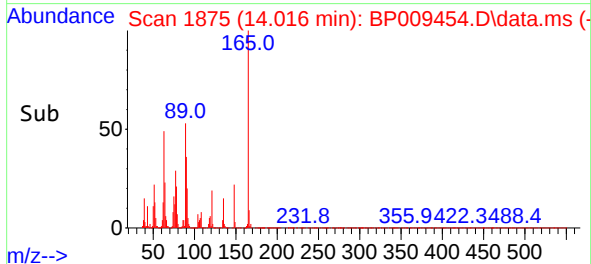
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



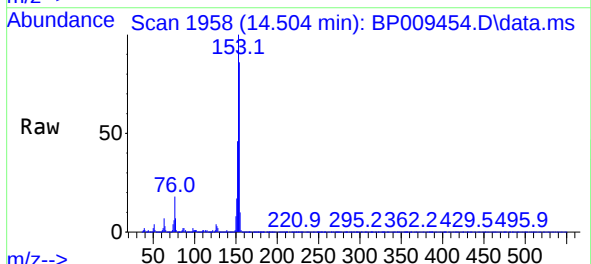
Tgt Ion:165 Resp: 7775
Ion Ratio Lower Upper
165 100
63 49.1 40.9 61.3
89 53.1 43.4 65.2

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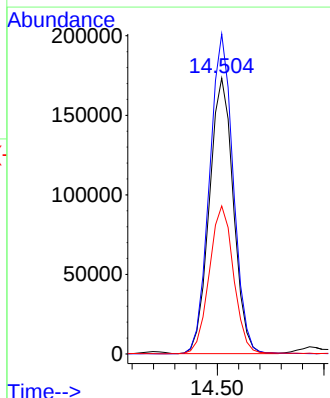
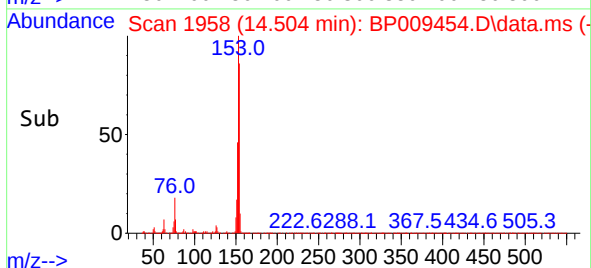
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

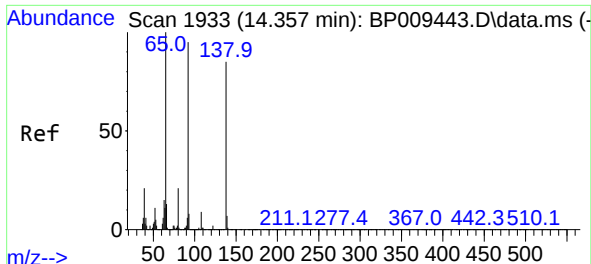


#52
Acenaphthene
Concen: 7.623 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



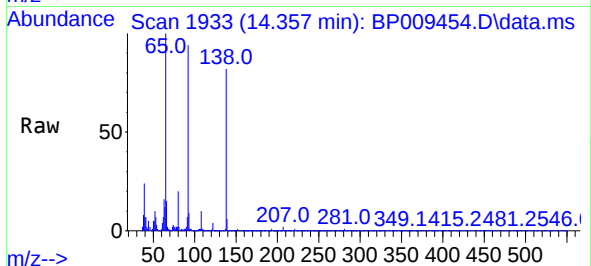
Tgt Ion:154 Resp: 271351
Ion Ratio Lower Upper
154 100
153 116.0 90.2 135.4
152 53.7 42.7 64.1





#53
3-Nitroaniline
Concen: 6.622 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

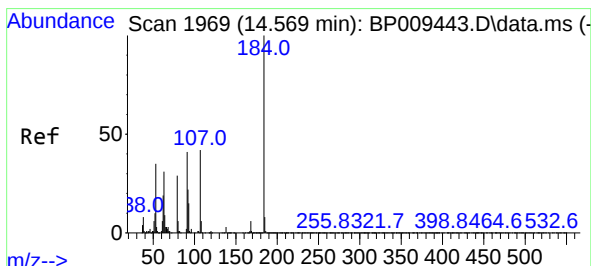
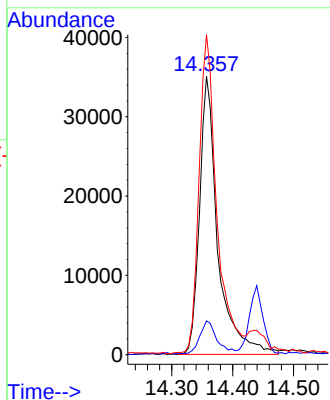
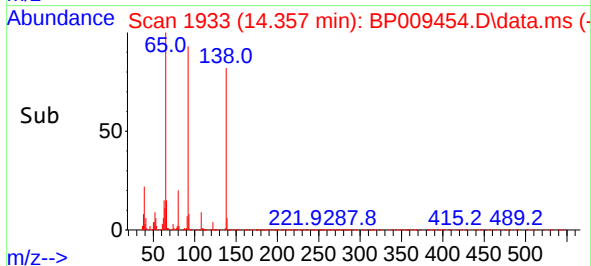
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



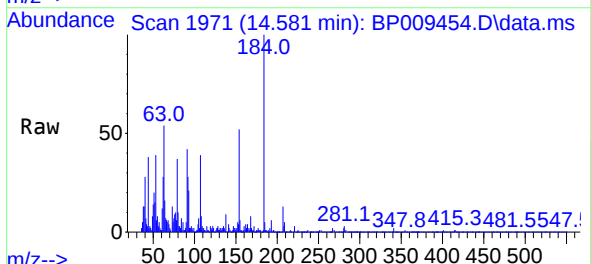
Tgt Ion:138 Resp: 72980
Ion Ratio Lower Upper
138 100
108 12.1 9.7 14.5
92 114.9 94.4 141.6

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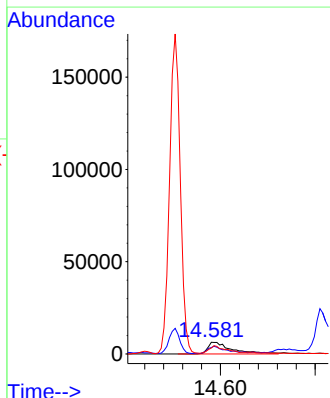
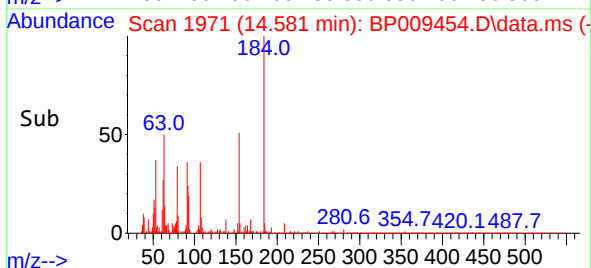
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

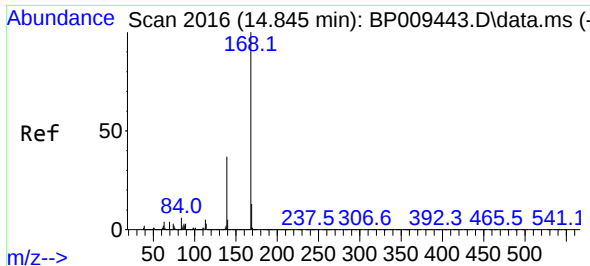


#54
2,4-Dinitrophenol
Concen: 3.900 ng
RT: 14.581 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



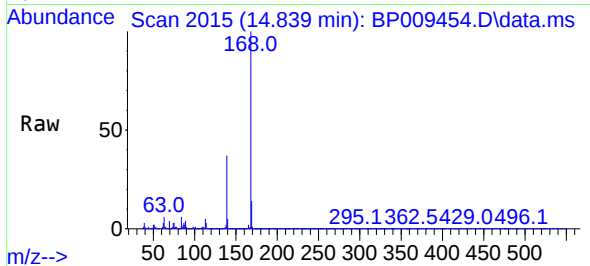
Tgt Ion:184 Resp: 22352
Ion Ratio Lower Upper
184 100
63 54.4 46.3 69.5
154 51.5 45.8 68.6





#55
Dibenzenofuran
Concen: 7.513 ng
RT: 14.839 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

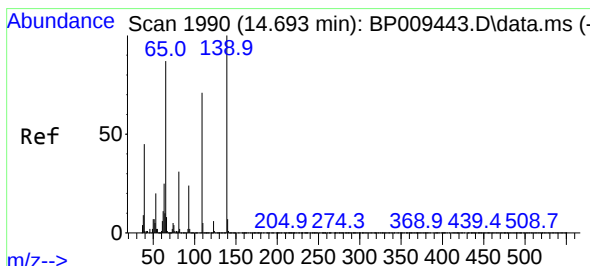
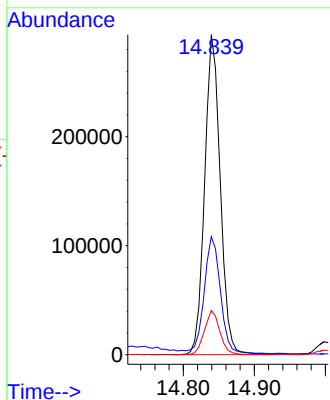
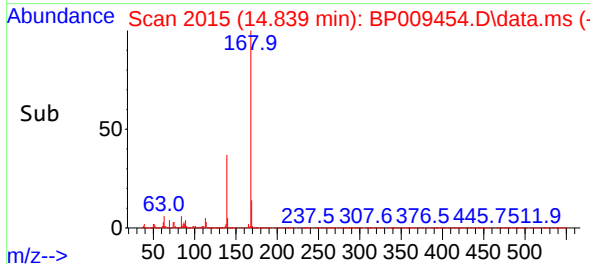
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



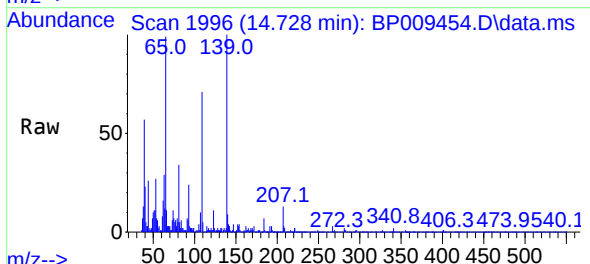
Tgt Ion:168 Resp: 44931
Ion Ratio Lower Upper
168 100
139 36.9 29.1 43.7
169 13.8 10.6 16.0

Manual Integrations
APPROVED

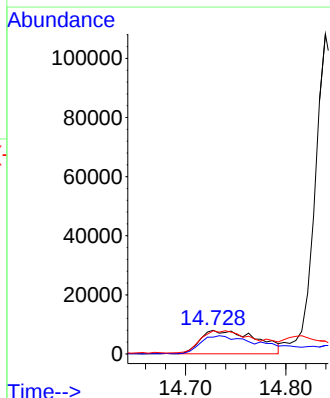
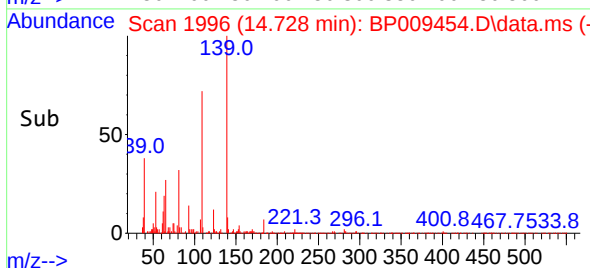
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

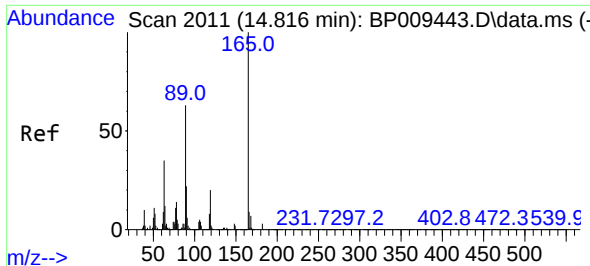


#56
4-Nitrophenol
Concen: 3.797 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.035 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:139 Resp: 31198
Ion Ratio Lower Upper
139 100
109 71.3 51.2 91.2
65 98.5 73.2 113.2





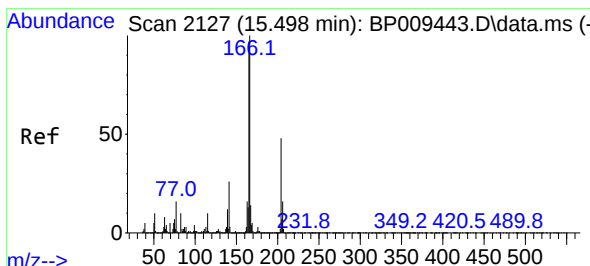
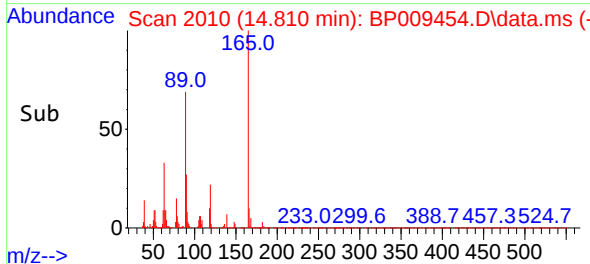
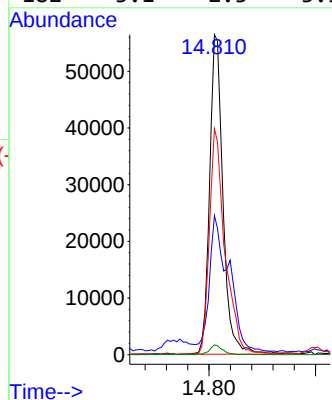
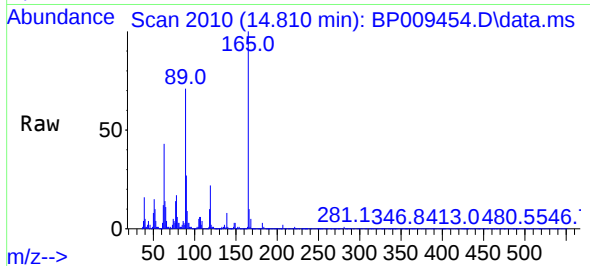
#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 14.810 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:165 Resp: 9877
Ion Ratio Lower Upper
165 100
63 43.4 31.4 47.2
89 70.6 55.9 83.9
182 3.1 2.3 3.5

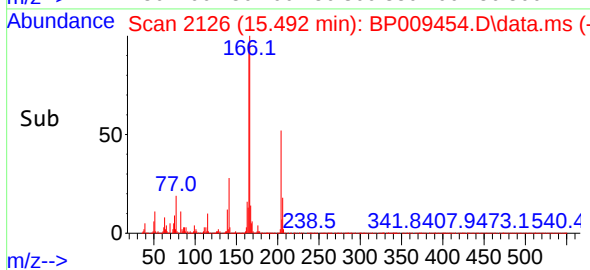
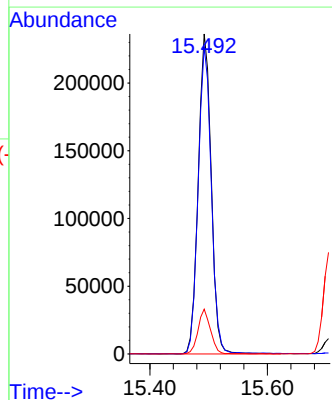
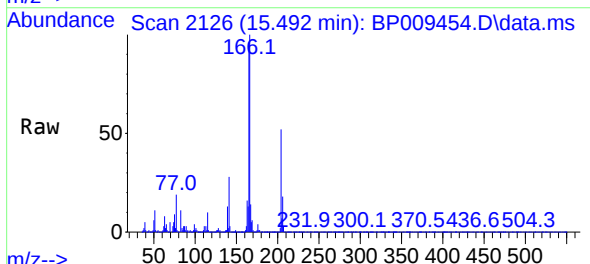
Manual Integrations
APPROVED

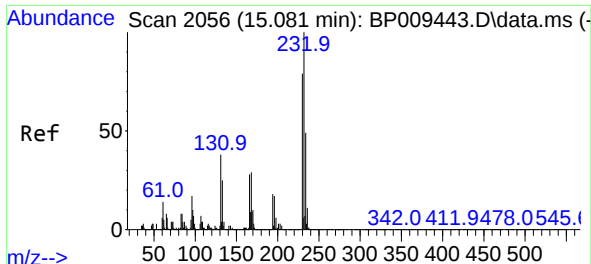
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#58
Fluorene
Concen: 7.707 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

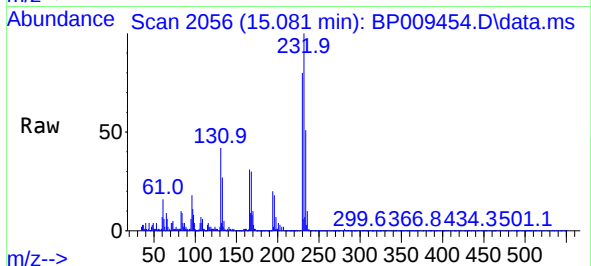
Tgt Ion:166 Resp: 362504
Ion Ratio Lower Upper
166 100
165 96.1 79.2 118.8
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.726 ng
RT: 15.081 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

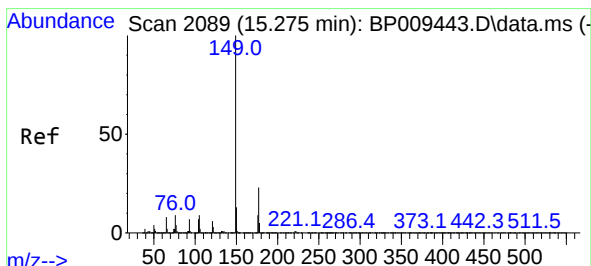
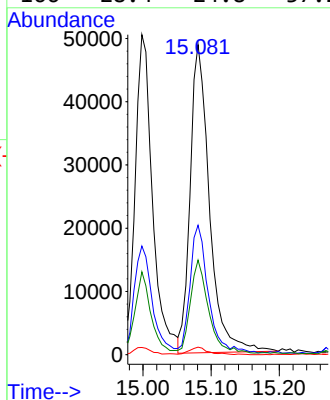
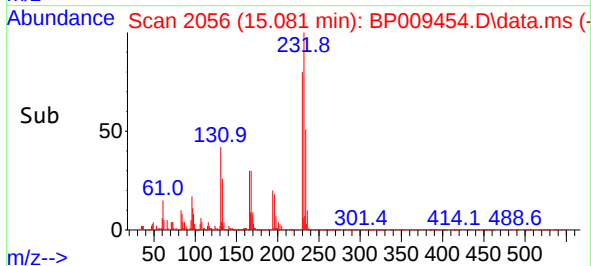
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



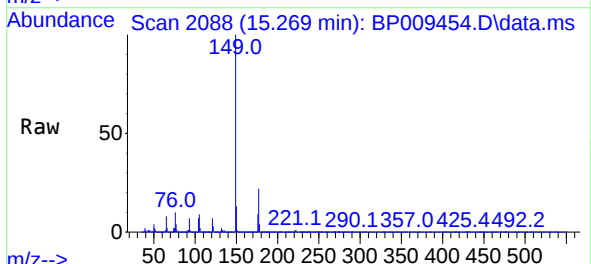
Tgt Ion:232 Resp: 9571
Ion Ratio Lower Upper
232 100
131 39.6 35.5 53.3
130 2.3 1.8 2.8
166 28.4 24.8 37.2

Manual Integrations
APPROVED

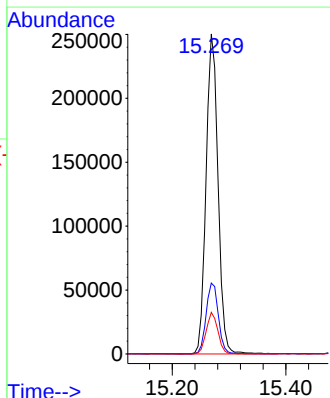
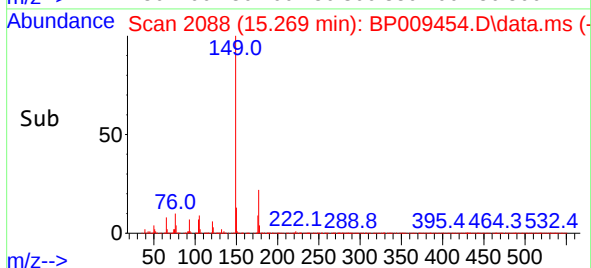
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

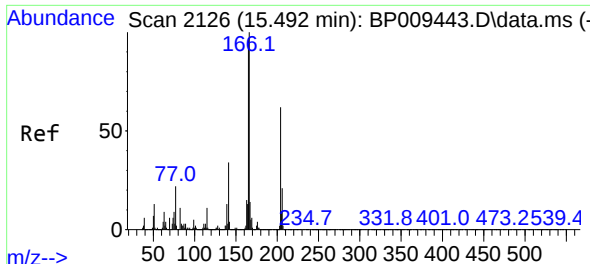


#60
Diethylphthalate
Concen: 7.299 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:149 Resp: 363790
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 13.0 9.9 14.9





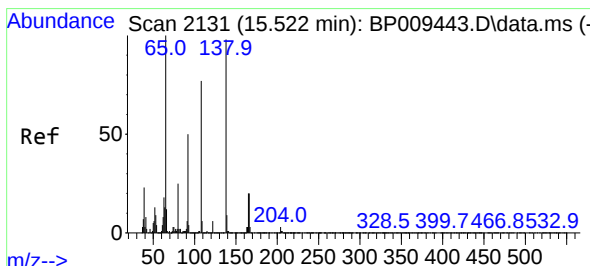
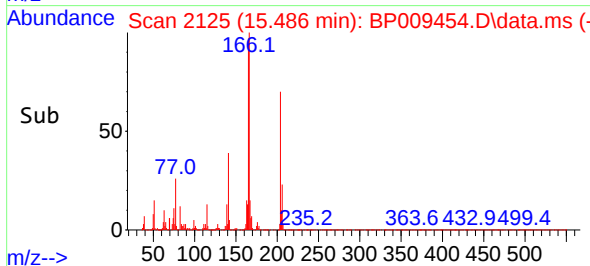
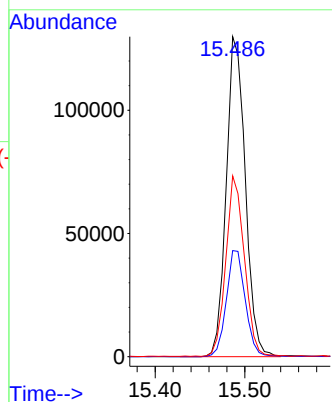
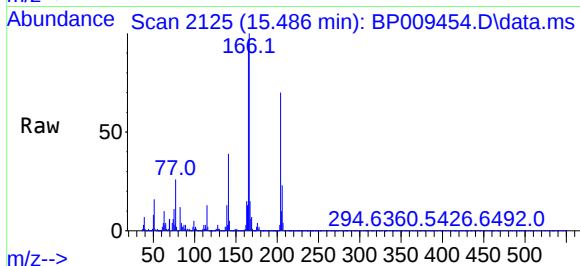
#61
4-Chlorophenyl-phenylether
Concen: 7.392 ng
RT: 15.486 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:204 Resp: 19152
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 56.5 45.9 68.9

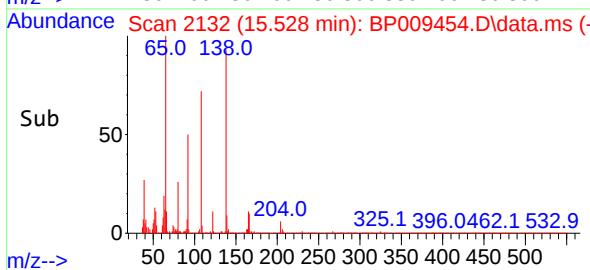
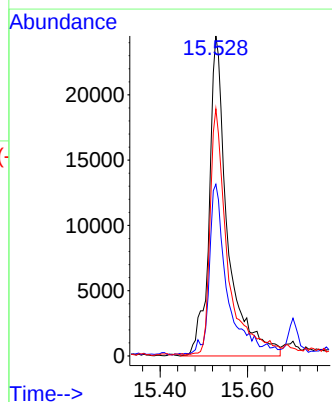
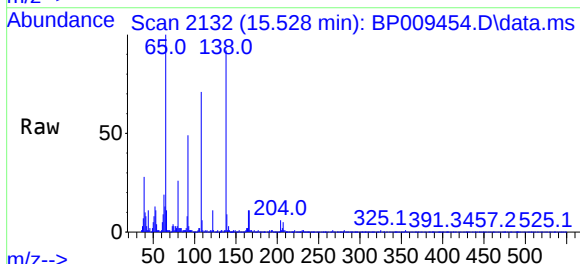
Manual Integrations
APPROVED

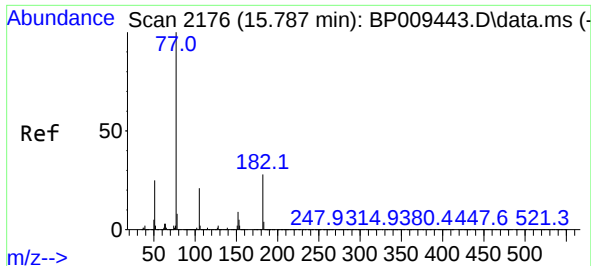
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#62
4-Nitroaniline
Concen: 6.249 ng
RT: 15.528 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

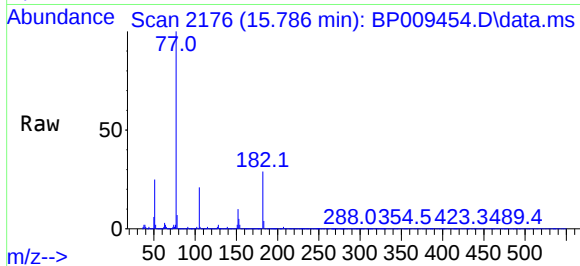
Tgt Ion:138 Resp: 72332
Ion Ratio Lower Upper
138 100
92 53.7 31.2 71.2
108 77.3 54.3 94.3





#63
Azobenzene
Concen: 7.257 ng
RT: 15.786 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

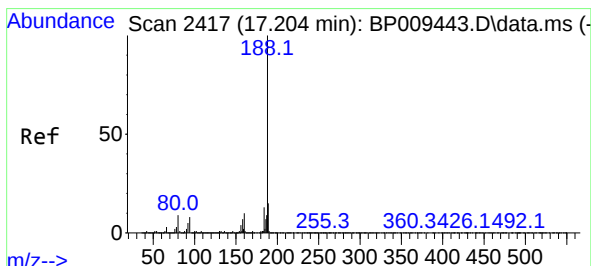
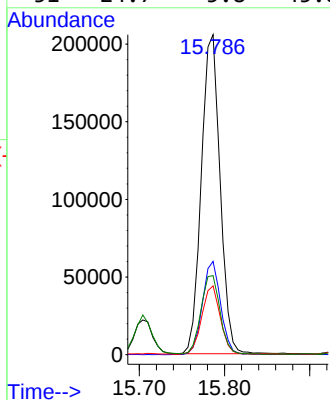
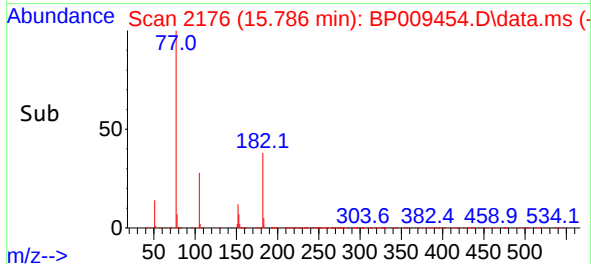
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



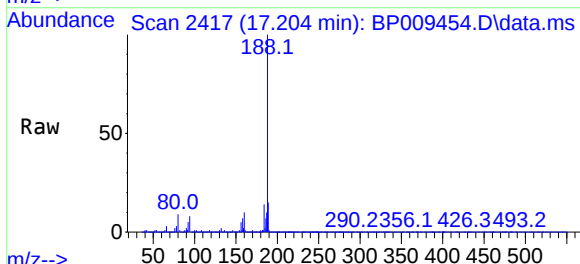
Tgt Ion: 77 Resp: 314649
Ion Ratio Lower Upper
77 100
182 29.2 5.4 45.4
105 21.5 0.3 40.3
51 24.7 5.8 45.8

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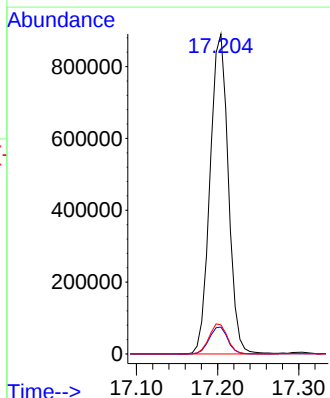
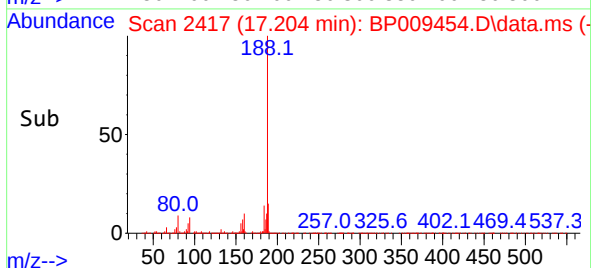
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

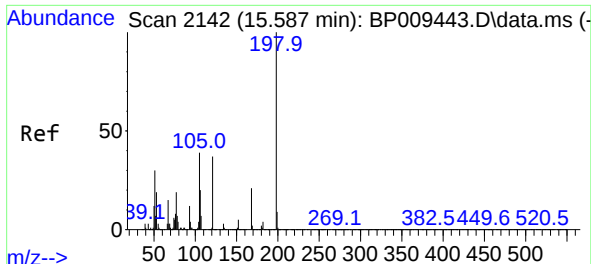


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:188 Resp: 1391959
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.1 8.8 13.2





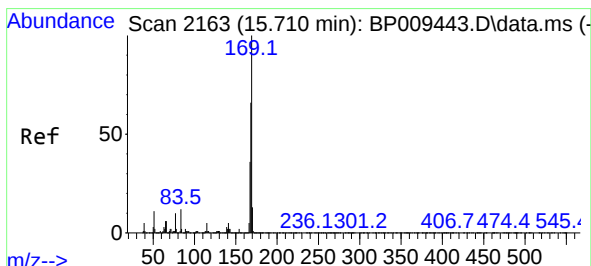
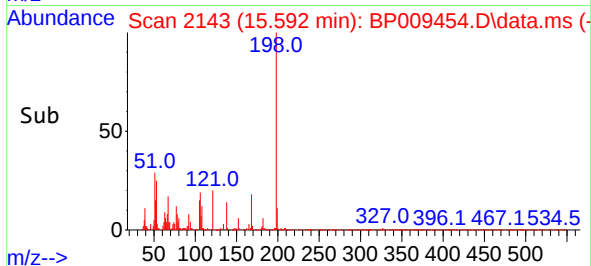
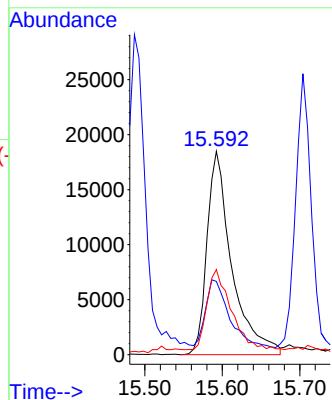
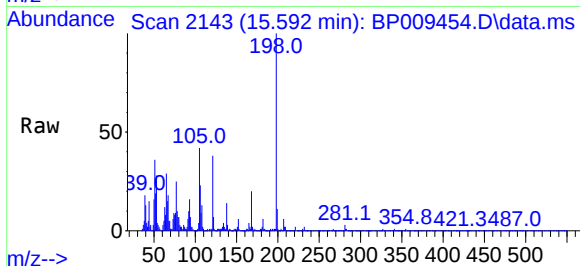
#65
4,6-Dinitro-2-methylphenol
Concen: 4.593 ng
RT: 15.592 min Scan# 2142
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:198 Resp: 41100
Ion Ratio Lower Upper
198 100
51 36.0 17.7 57.7
105 41.8 23.2 63.2

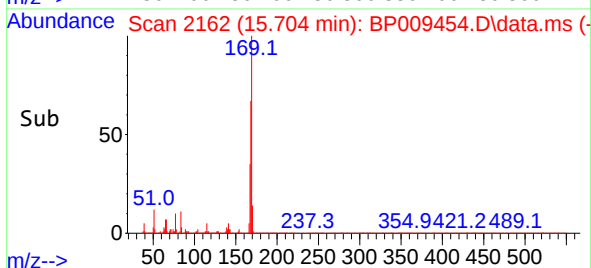
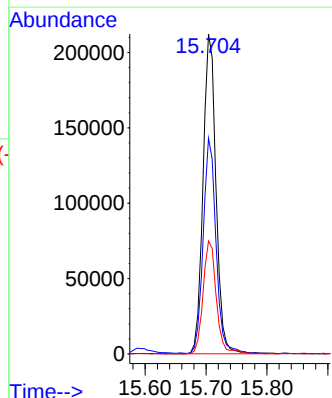
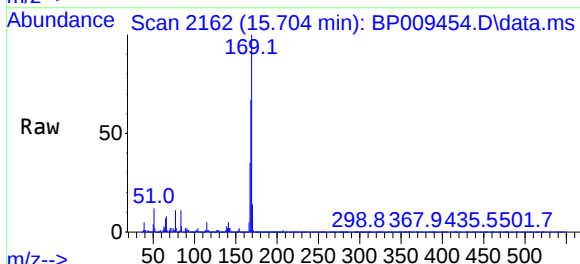
Manual Integrations
APPROVED

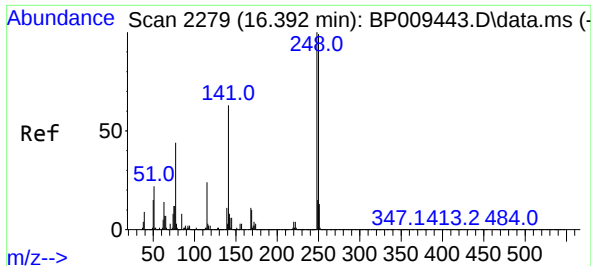
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#66
n-Nitrosodiphenylamine
Concen: 7.614 ng
RT: 15.704 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

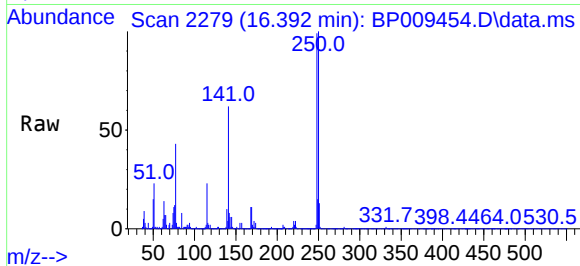
Tgt Ion:169 Resp: 313650
Ion Ratio Lower Upper
169 100
168 67.5 51.6 77.4
167 35.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 7.108 ng
RT: 16.392 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

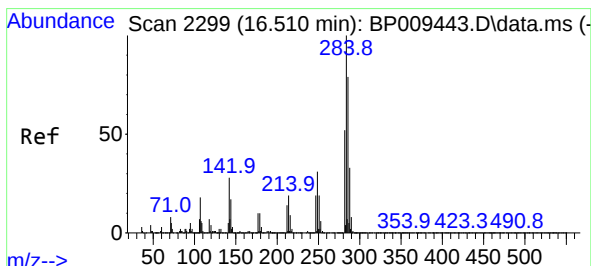
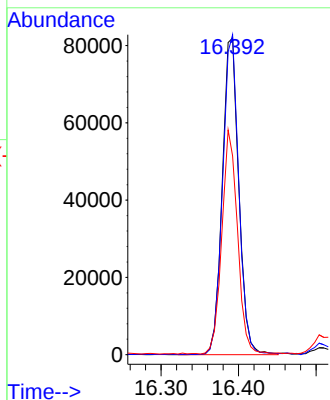
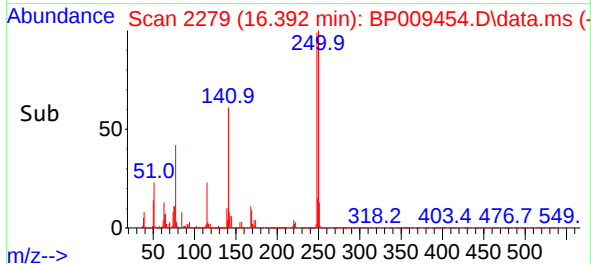
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



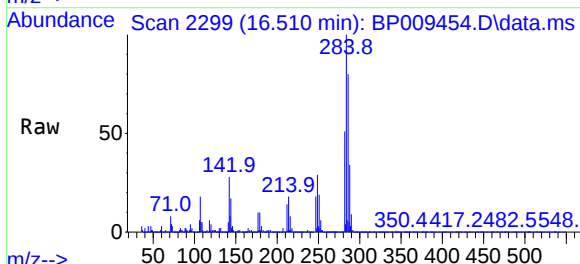
Tgt Ion: 248 Resp: 121060
Ion Ratio Lower Upper
248 100
250 101.1 77.7 116.5
141 62.8 58.3 87.5

Manual Integrations
APPROVED

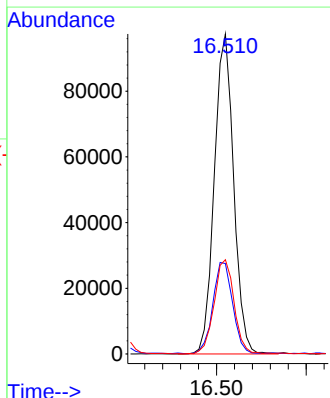
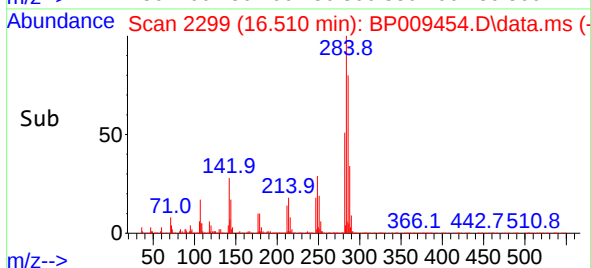
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022

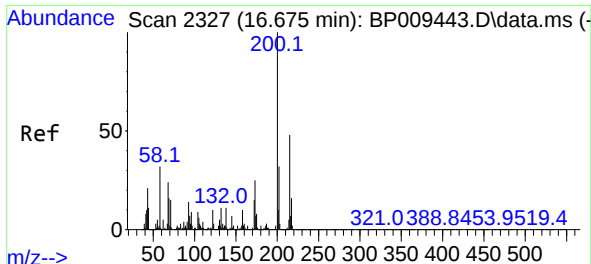


#68
Hexachlorobenzene
Concen: 7.422 ng
RT: 16.510 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



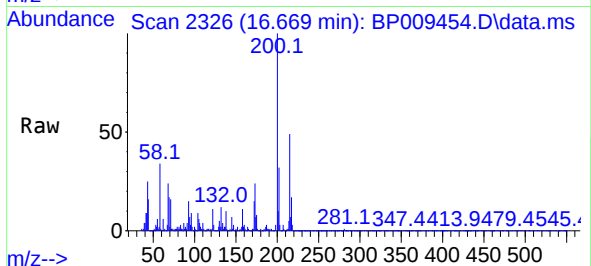
Tgt Ion: 284 Resp: 145494
Ion Ratio Lower Upper
284 100
142 28.3 26.8 40.2
249 29.4 24.6 37.0





#69
Atrazine
Concen: 8.018 ng
RT: 16.669 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

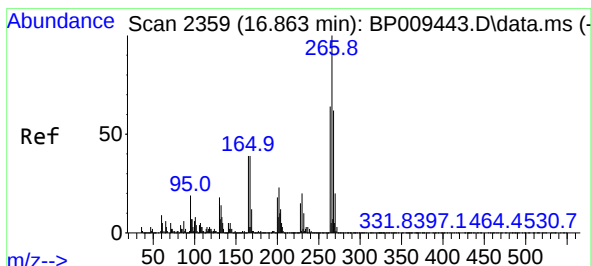
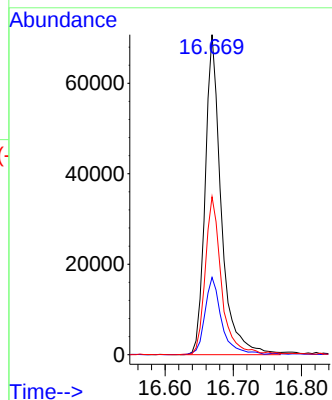
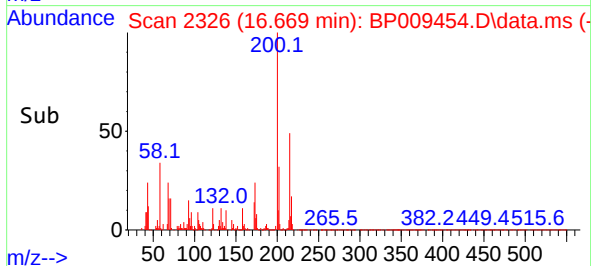
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:200 Resp: 11612
Ion Ratio Lower Upper
200 100
173 24.1 6.2 46.2
215 49.4 28.5 68.5

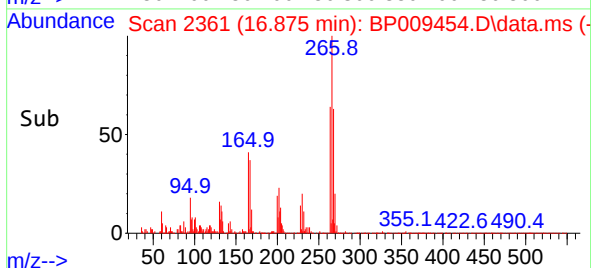
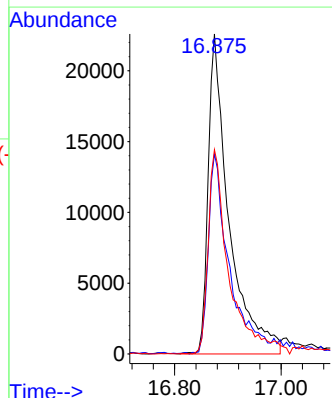
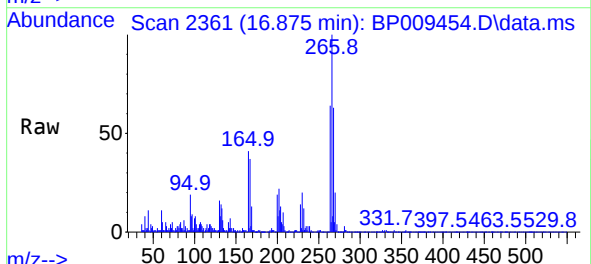
Manual Integrations
APPROVED

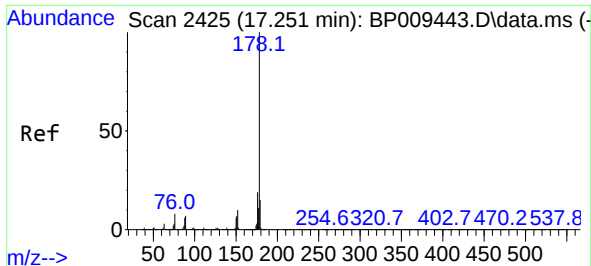
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#70
Pentachlorophenol
Concen: 5.860 ng
RT: 16.875 min Scan# 2361
Delta R.T. 0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:266 Resp: 61407
Ion Ratio Lower Upper
266 100
268 62.5 49.8 74.8
264 63.9 50.9 76.3





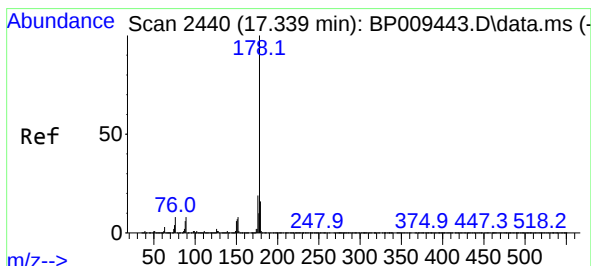
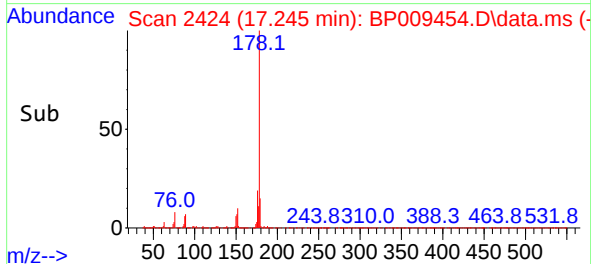
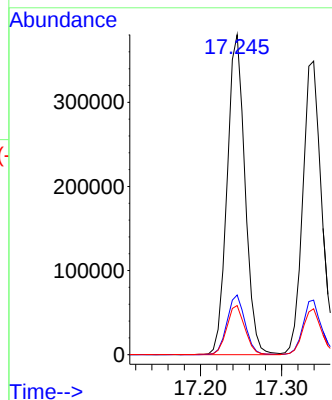
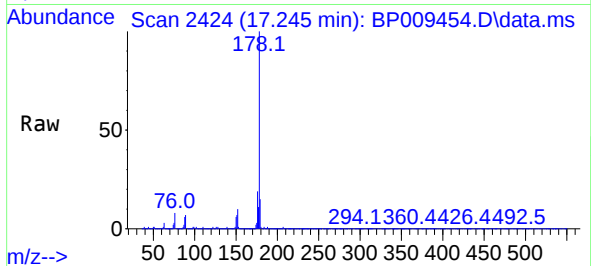
#71
Phenanthrene
Concen: 7.799 ng
RT: 17.245 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:178 Resp: 581095
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.3 18.5

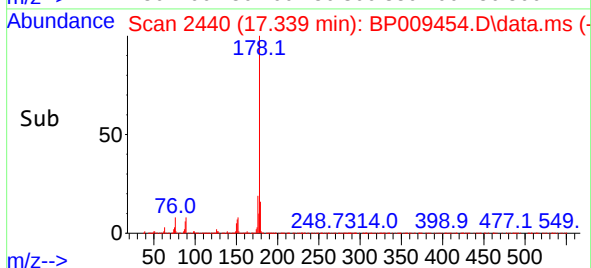
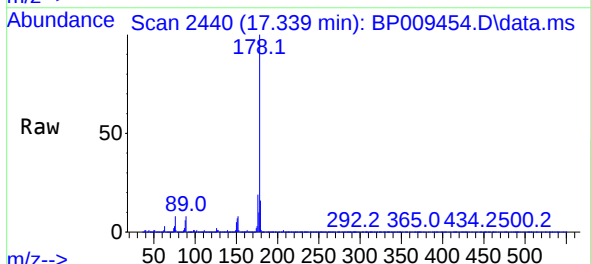
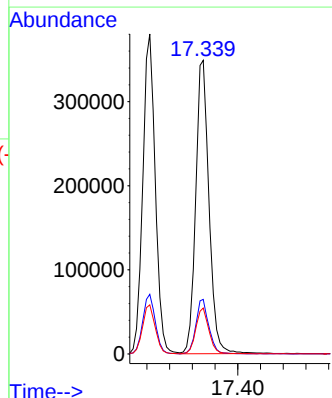
Manual Integrations
APPROVED

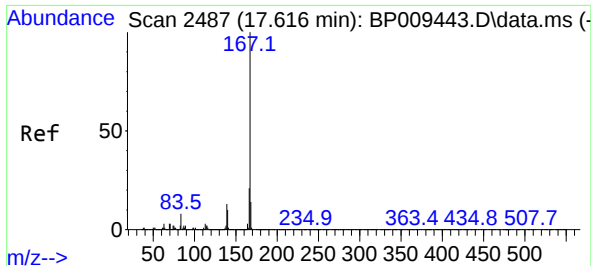
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#72
Anthracene
Concen: 7.719 ng
RT: 17.339 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

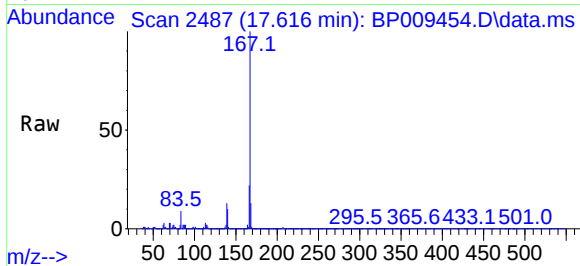
Tgt Ion:178 Resp: 567843
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.2 18.4





#73
 Carbazole
 Concen: 7.151 ng
 RT: 17.616 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

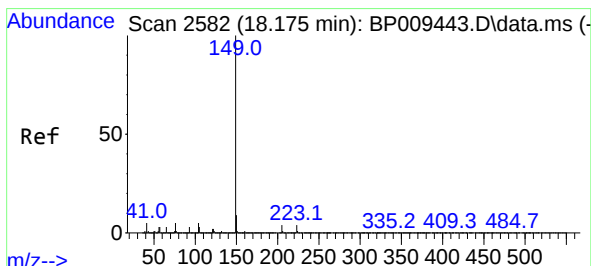
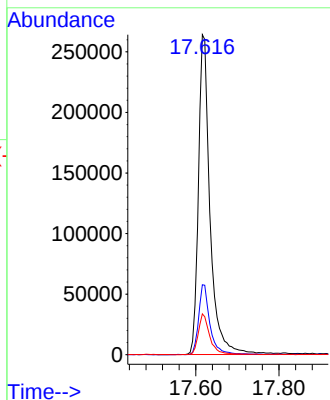
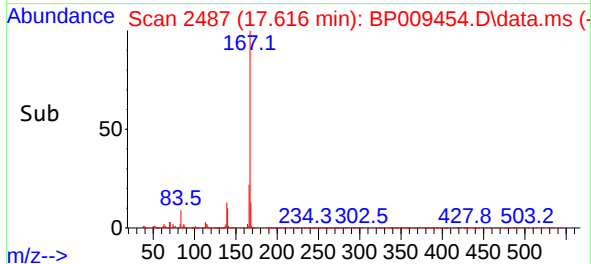
Instrument : BNA_P
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:167 Resp: 51451
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 10.3 15.5

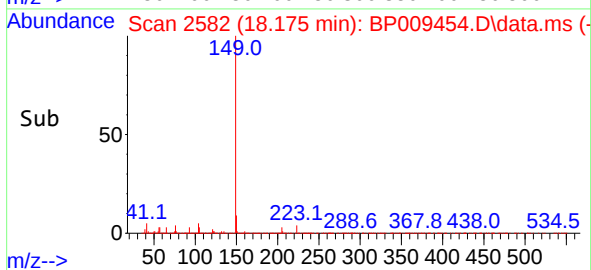
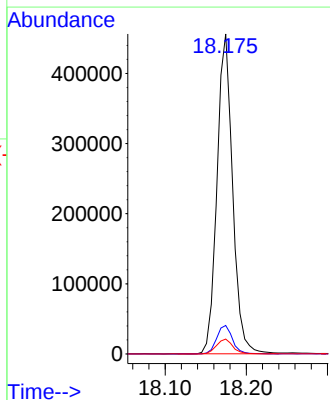
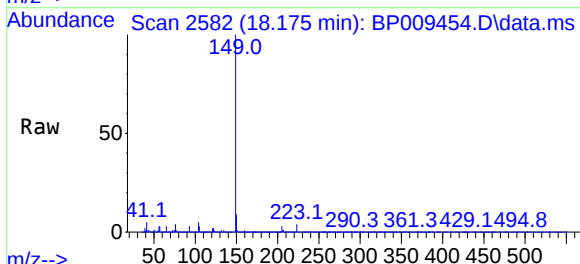
Manual Integrations
 APPROVED

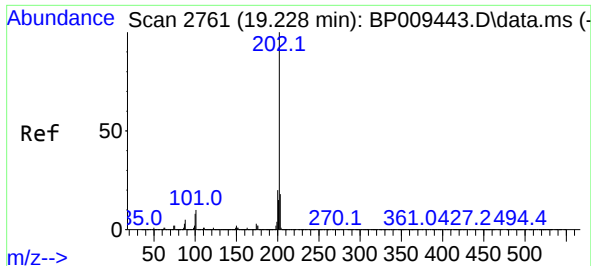
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#74
 Di-n-butylphthalate
 Concen: 7.248 ng
 RT: 18.175 min Scan# 2582
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

Tgt Ion:149 Resp: 611111
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.7 4.2 6.2





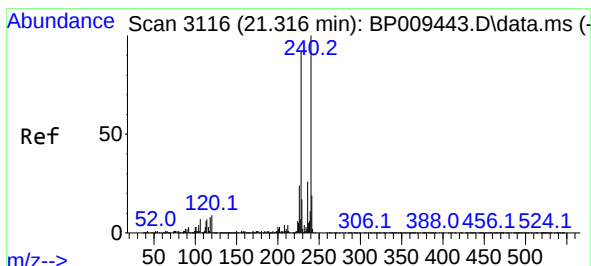
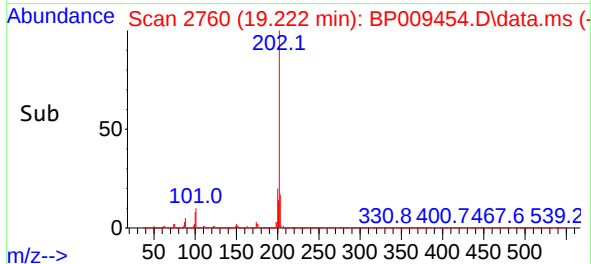
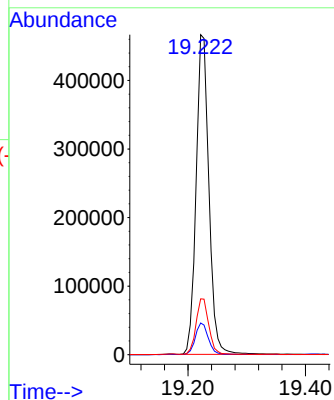
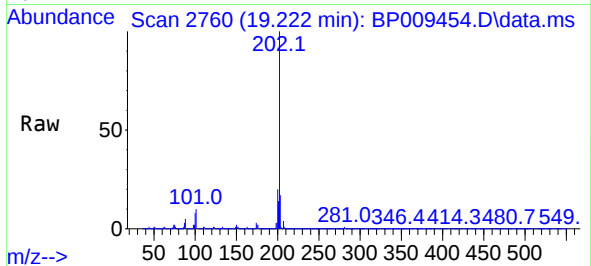
#75
Fluoranthene
Concen: 7.812 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:202 Resp: 704700
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.5
203 17.4 0.0 37.8

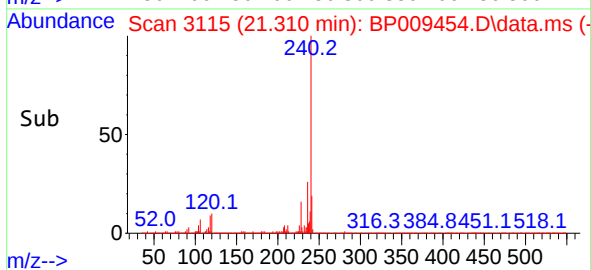
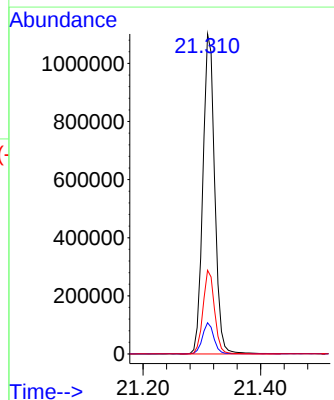
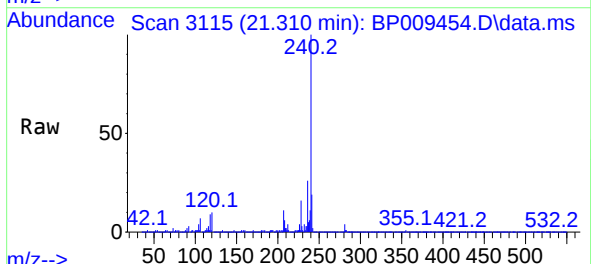
Manual Integrations
APPROVED

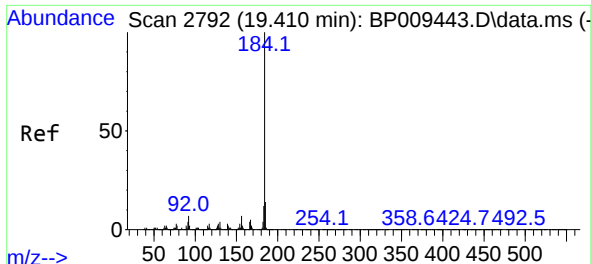
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

Tgt Ion:240 Resp: 1531057
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.1 20.6 30.8





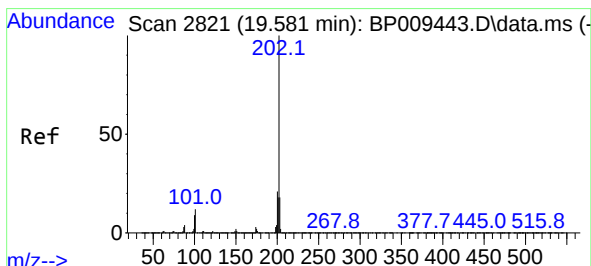
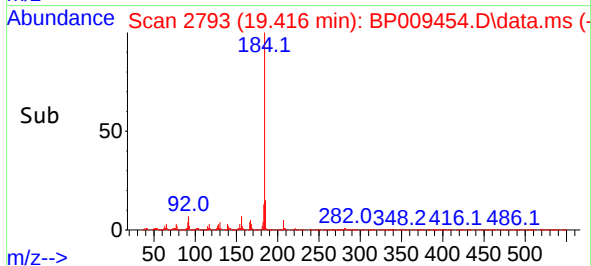
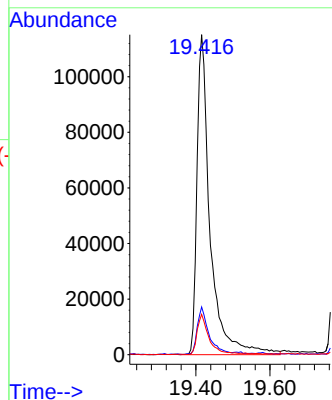
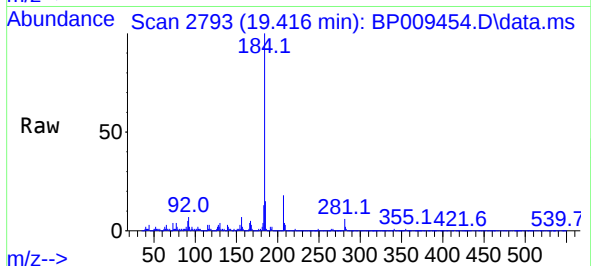
#77
Benzidine
Concen: 7.552 ng
RT: 19.416 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:184 Resp: 283399
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 12.6 9.4 14.0

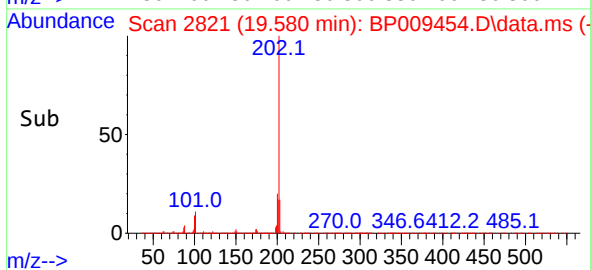
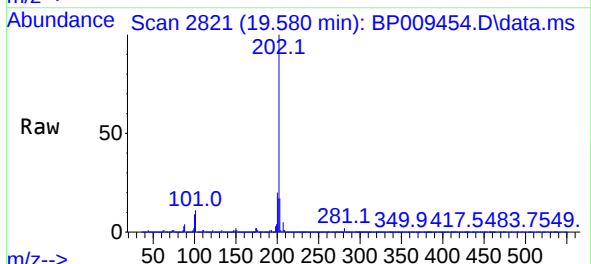
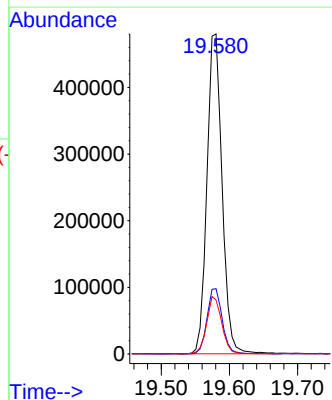
Manual Integrations
APPROVED

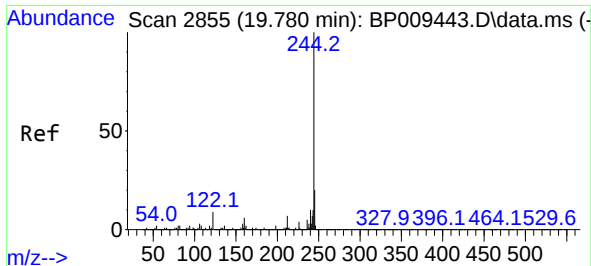
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#78
Pyrene
Concen: 7.364 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

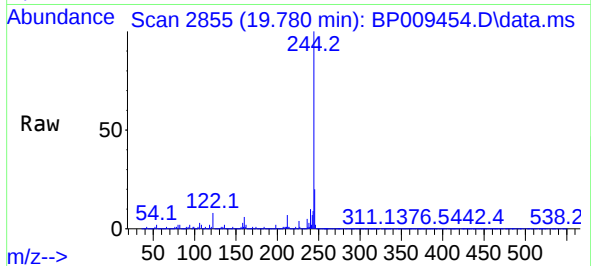
Tgt Ion:202 Resp: 742969
Ion Ratio Lower Upper
202 100
200 20.4 16.8 25.2
203 16.9 14.2 21.4





#79
 Terphenyl-d14
 Concen: 80.603 ng
 RT: 19.780 min Scan# 2855
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

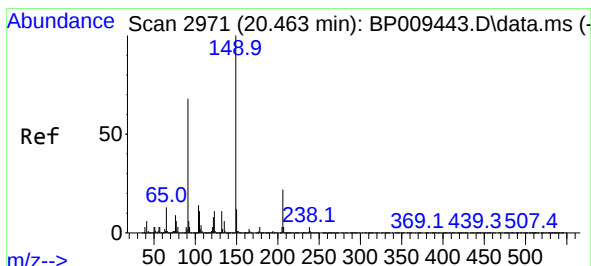
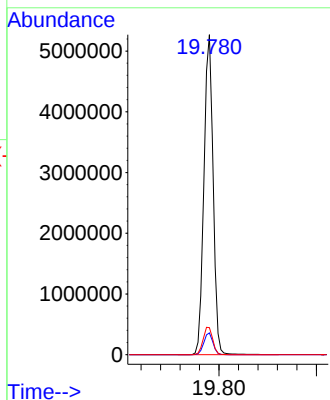
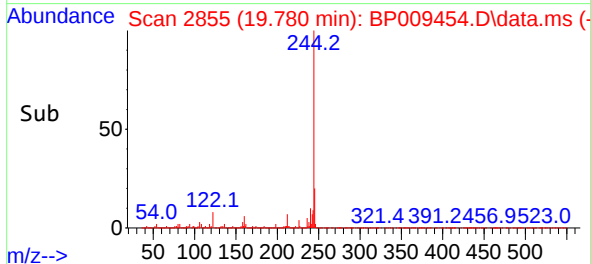
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:244 Resp: 687554
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 8.4 8.3 12.5

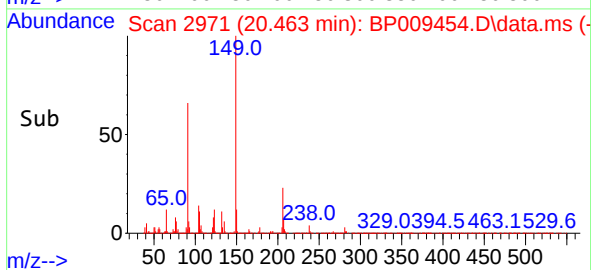
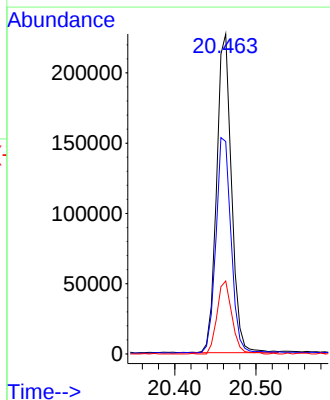
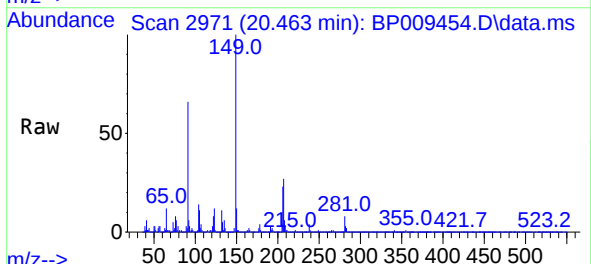
Manual Integrations
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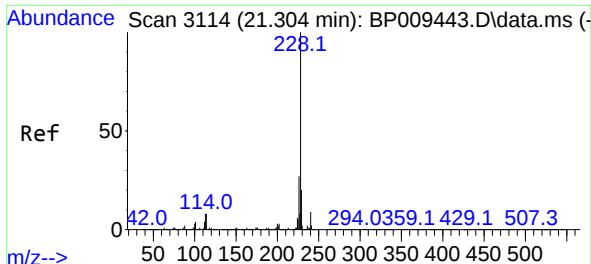
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#80
 Butylbenzylphthalate
 Concen: 6.762 ng
 RT: 20.463 min Scan# 2971
 Delta R.T. -0.000 min
 Lab File: BP009454.D
 Acq: 18 Mar 2022 13:00

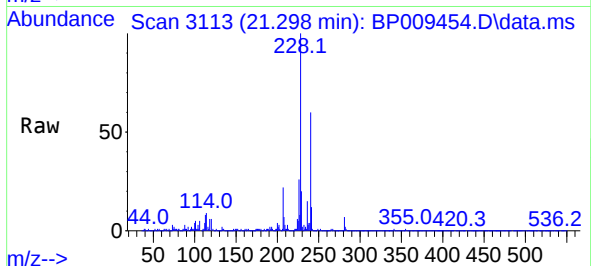
Tgt Ion:149 Resp: 289983
 Ion Ratio Lower Upper
 149 100
 91 66.4 57.9 86.9
 206 22.8 16.9 25.3





#81
Benzo(a)anthracene
Concen: 7.664 ng
RT: 21.298 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

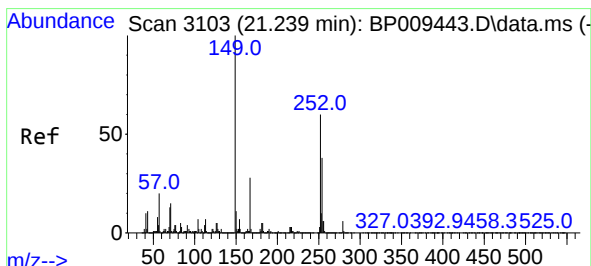
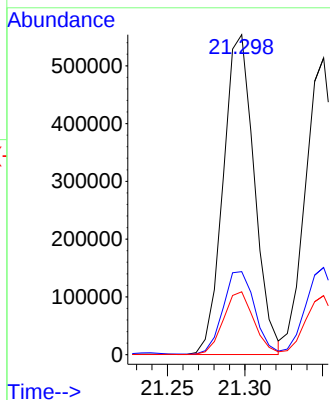
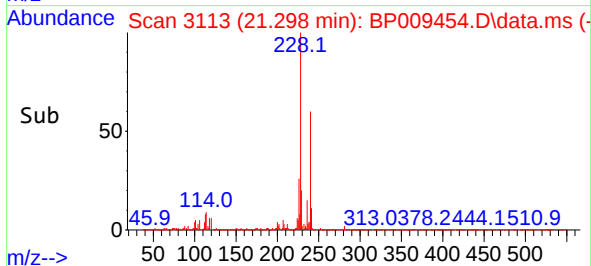
Instrument : BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:228 Resp: 770875
Ion Ratio Lower Upper
228 100
226 26.0 22.0 33.0
229 19.6 16.1 24.1

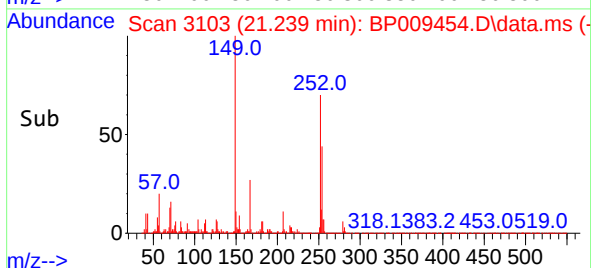
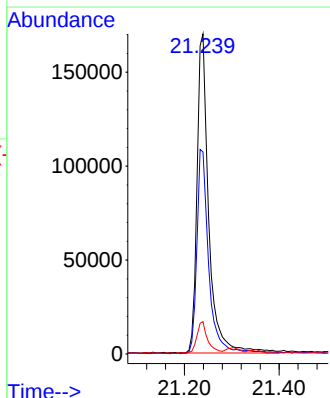
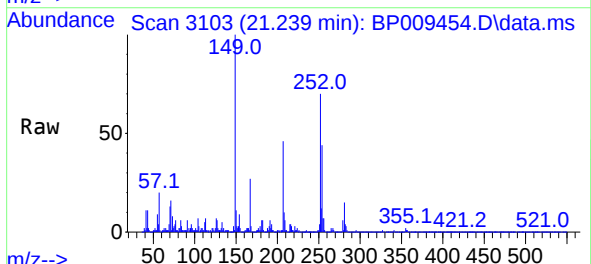
Manual Integrations
APPROVED

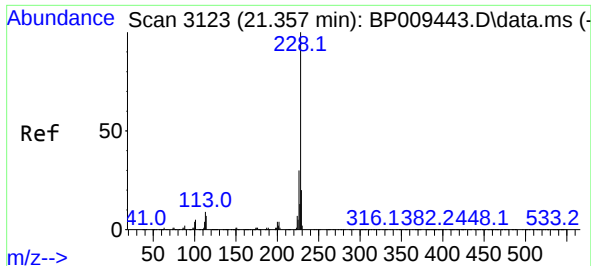
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 7.545 ng
RT: 21.239 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

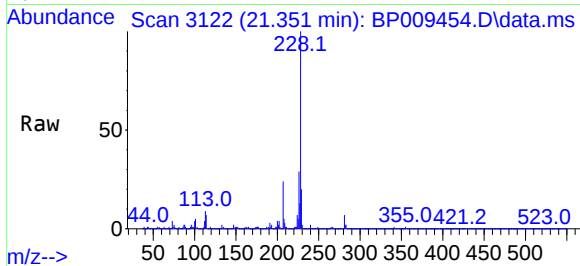
Tgt Ion:252 Resp: 293205
Ion Ratio Lower Upper
252 100
254 63.1 50.7 76.1
126 10.1 8.9 13.3





#83
Chrysene
Concen: 7.679 ng
RT: 21.351 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

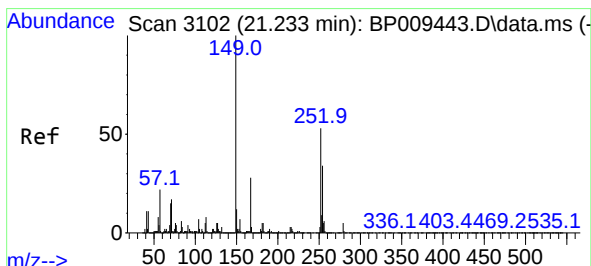
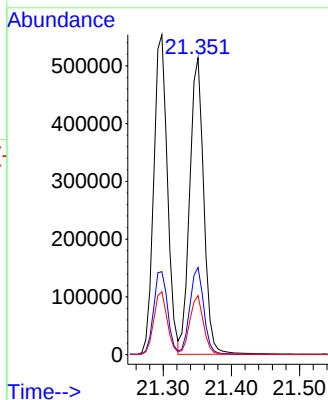
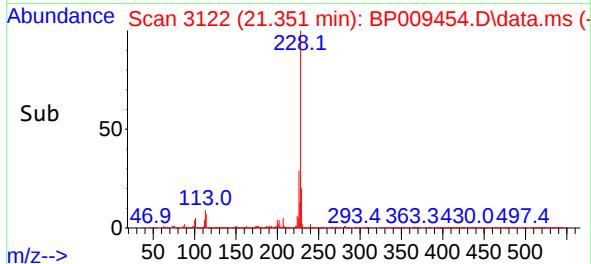
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



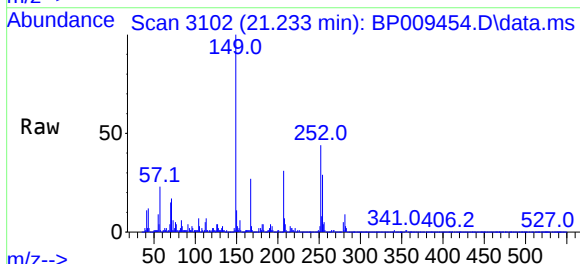
Tgt Ion:228 Resp: 731449
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.2
229 19.9 16.1 24.1

Manual Integrations
APPROVED

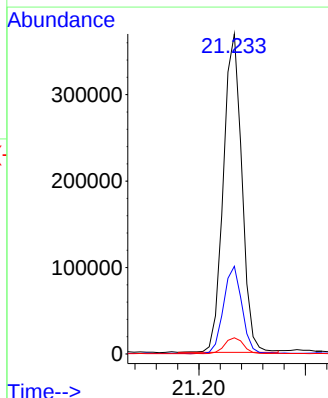
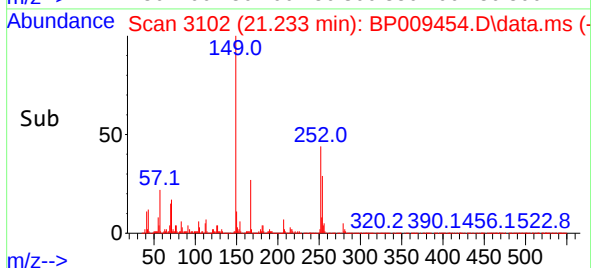
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

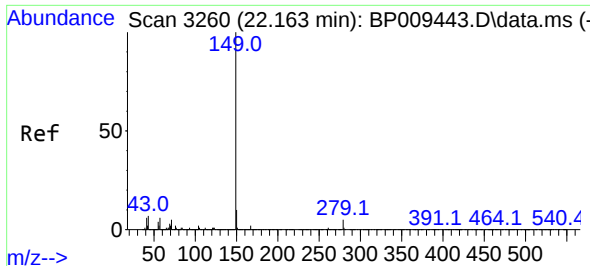


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.404 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



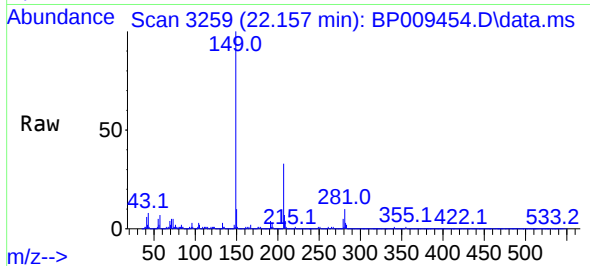
Tgt Ion:149 Resp: 442570
Ion Ratio Lower Upper
149 100
167 27.4 22.6 33.8
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 7.191 ng
RT: 22.157 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

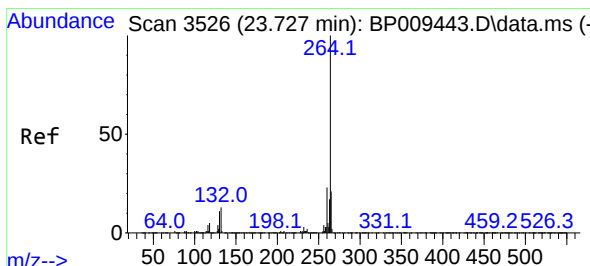
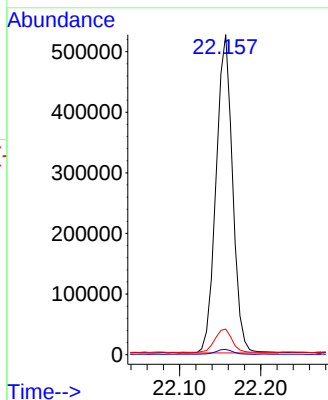
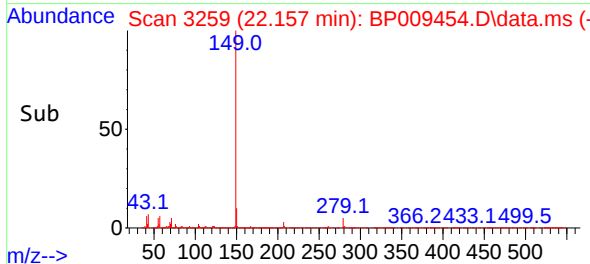
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:149 Resp: 740829
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.8 6.9 10.3

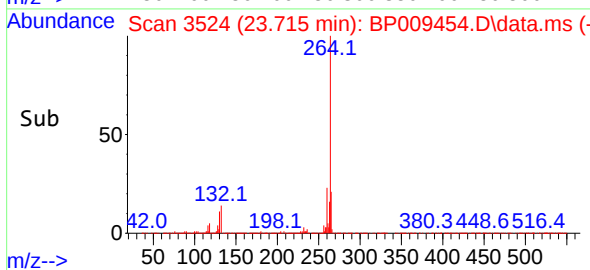
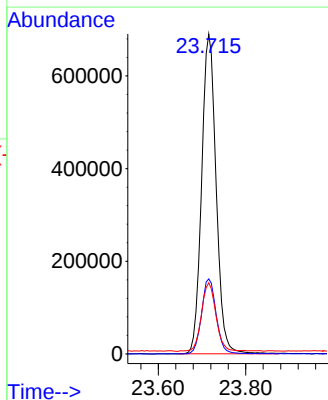
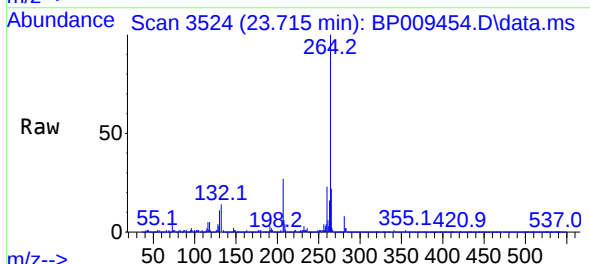
Manual Integrations
APPROVED

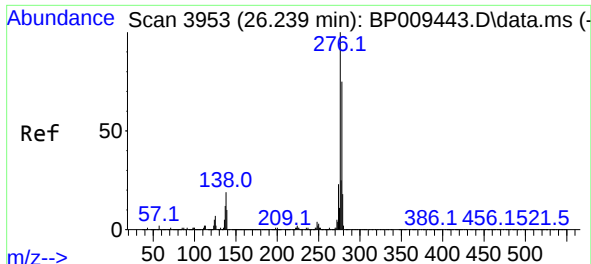
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

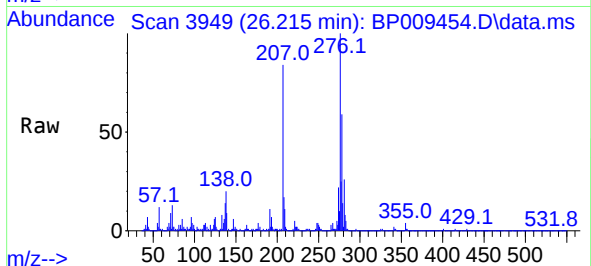
Tgt Ion:264 Resp: 1594666
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.0
265 22.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.232 ng
RT: 26.215 min Scan# 3949
Delta R.T. -0.024 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

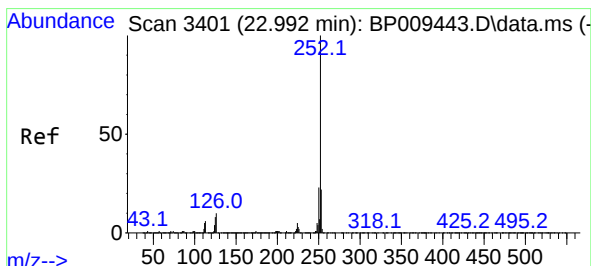
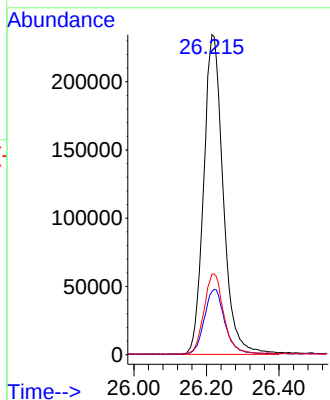
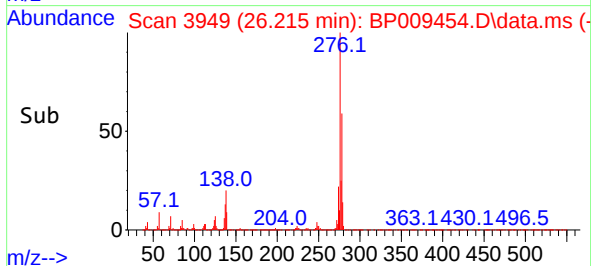
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



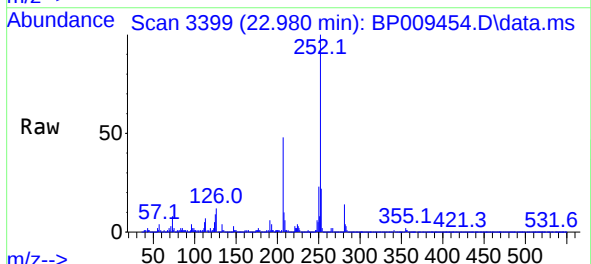
Tgt Ion:276 Resp: 874919
Ion Ratio Lower Upper
276 100
138 21.3 20.5 30.7
277 25.3 20.4 30.6

Manual Integrations
APPROVED

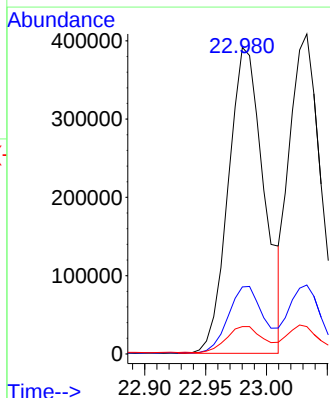
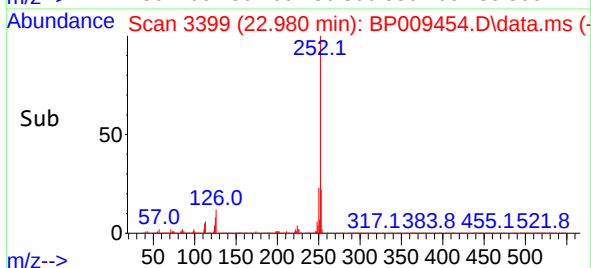
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

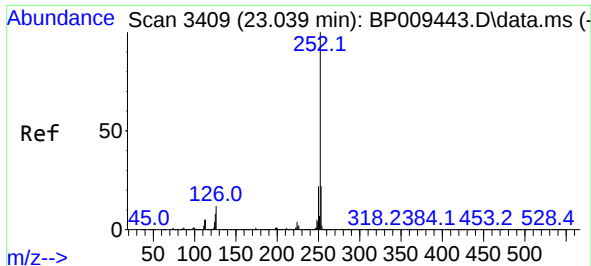


#88
Benzo(b)fluoranthene
Concen: 8.400 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion:252 Resp: 799643
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.9 8.1 12.1





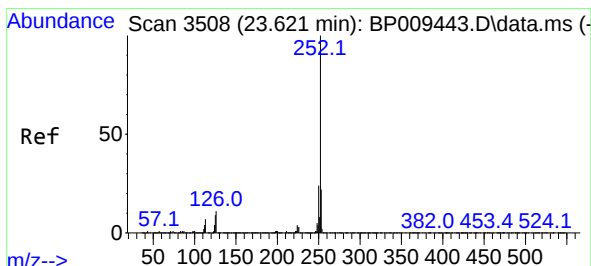
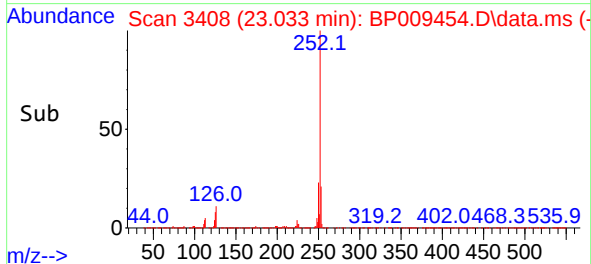
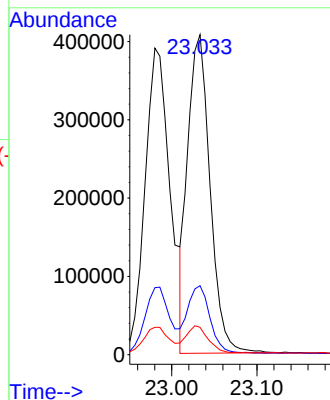
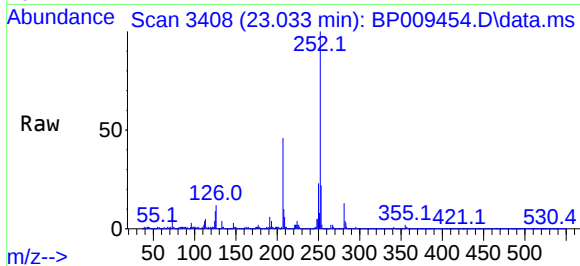
#89
Benzo(k)fluoranthene
Concen: 7.941 ng
RT: 23.033 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

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

Tgt Ion:252 Resp: 740144
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 8.6 8.3 12.5

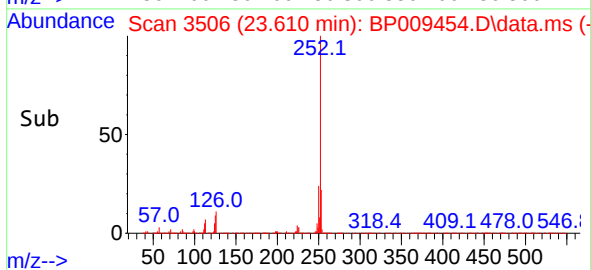
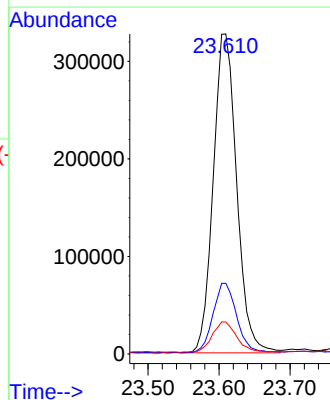
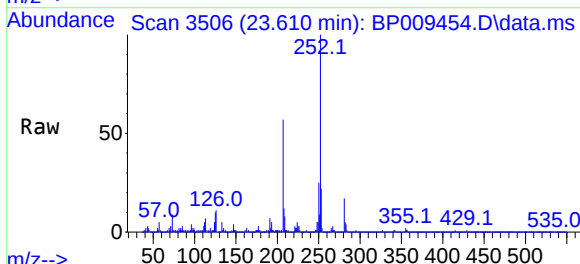
Manual Integrations
APPROVED

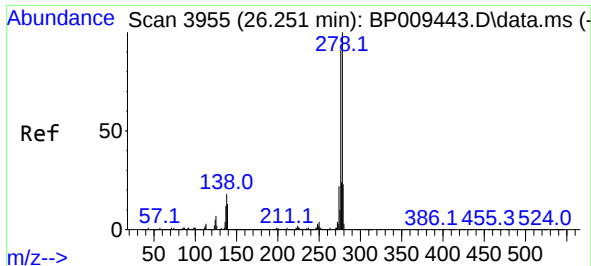
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#90
Benzo(a)pyrene
Concen: 9.195 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.012 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

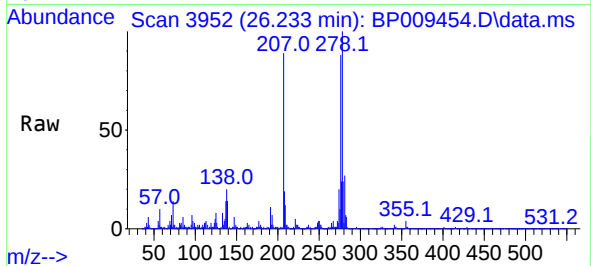
Tgt Ion:252 Resp: 748946
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.0 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 7.754 ng
RT: 26.233 min Scan# 3955
Delta R.T. -0.018 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00

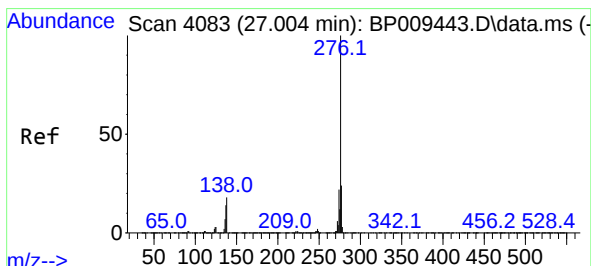
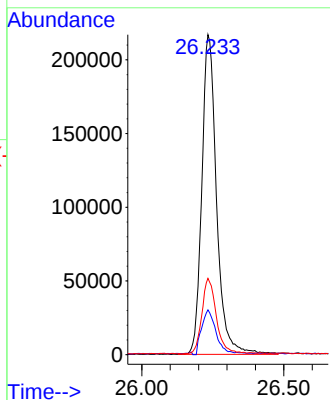
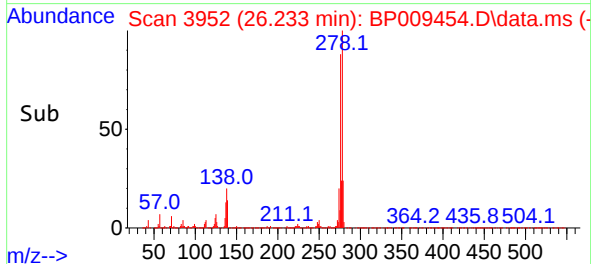
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



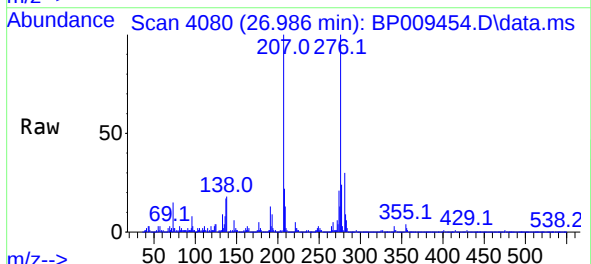
Tgt Ion: 278 Resp: 781870
Ion Ratio Lower Upper
278 100
139 14.0 13.2 19.8
279 23.9 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.680 ng
RT: 26.986 min Scan# 4080
Delta R.T. -0.018 min
Lab File: BP009454.D
Acq: 18 Mar 2022 13:00



Tgt Ion: 276 Resp: 761791
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 18.0 18.0 27.0

