

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034254.D
 Acq On : 16 Mar 2022 11:50
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppn
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 16 12:55:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	154507	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	619970	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	379493	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	692493	20.000	ng	0.00
76) Chrysene-d12	21.495	240	577452	20.000	ng	0.00
86) Perylene-d12	23.906	264	587996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1337967	155.350	ng	0.00
7) Phenol-d6	7.107	99	1844937	149.615	ng	0.00
23) Nitrobenzene-d5	9.107	82	1053588	82.739	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	705419	137.910	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2343495	84.385	ng	0.00
79) Terphenyl-d14	19.942	244	2791719	84.006	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	29551	7.584	ng	97
3) Pyridine	3.766	79	70919	6.726	ng	96
4) n-Nitrosodimethylamine	3.672	42	38098	7.609	ng	# 94
6) Aniline	7.266	93	111588	7.919	ng	98
8) 2-Chlorophenol	7.507	128	76081	7.552	ng	95
9) Benzaldehyde	7.078	77	70893m	10.671	ng	
10) Phenol	7.131	94	92816	7.568	ng	95
11) bis(2-Chloroethyl)ether	7.366	93	77202	7.669	ng	96
12) 1,3-Dichlorobenzene	7.837	146	86410	7.562	ng	97
13) 1,4-Dichlorobenzene	7.984	146	88871	7.597	ng	99
14) 1,2-Dichlorobenzene	8.301	146	83293	7.304	ng	98
15) Benzyl Alcohol	8.184	79	67137	6.841	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.484	45	104234	7.545	ng	97
17) 2-Methylphenol	8.390	107	59795	6.961	ng	95
18) Hexachloroethane	9.037	117	32185	7.460	ng	96
19) n-Nitroso-di-n-propyla...	8.754	70	64033	7.179	ng	98
20) 3+4-Methylphenols	8.719	107	79207	6.668	ng	99
22) Acetophenone	8.772	105	121543	7.639	ng	# 99
24) Nitrobenzene	9.148	77	94179	7.922	ng	99
25) Isophorone	9.678	82	160366	7.526	ng	99
26) 2-Nitrophenol	9.866	139	33805	6.412	ng	94
27) 2,4-Dimethylphenol	9.925	122	67751	8.207	ng	98
28) bis(2-Chloroethoxy)met...	10.166	93	99374	7.284	ng	99
29) 2,4-Dichlorophenol	10.401	162	63690	6.640	ng	97
30) 1,2,4-Trichlorobenzene	10.625	180	80294	7.364	ng	96
31) Naphthalene	10.807	128	241644	7.481	ng	100
32) Benzoic acid	9.989	122	24824m	3.636	ng	
33) 4-Chloroaniline	10.913	127	85714	6.727	ng	98
34) Hexachlorobutadiene	11.107	225	51539	7.463	ng	98
35) Caprolactam	11.666	113	17901m	5.369	ng	
36) 4-Chloro-3-methylphenol	12.036	107	69119	6.288	ng	96
37) 2-Methylnaphthalene	12.419	142	166854	7.240	ng	99
38) 1-Methylnaphthalene	12.636	142	164542	7.298	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	90599	7.911	ng	99
41) Hexachlorocyclopentadiene	12.772	237	58589	8.835	ng	95
43) 2,4,6-Trichlorophenol	13.025	196	52365	6.623	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034254.D
 Acq On : 16 Mar 2022 11:50
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppn
 ALS Vial : 5 Sample Multiplier: 1

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

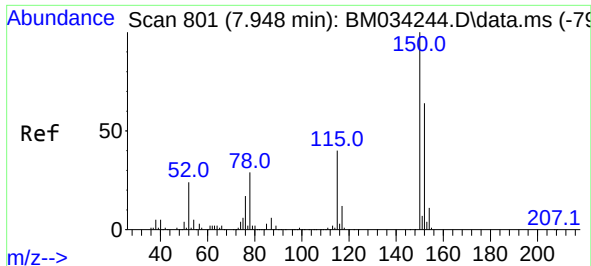
Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

Quant Time: Mar 16 12:55:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

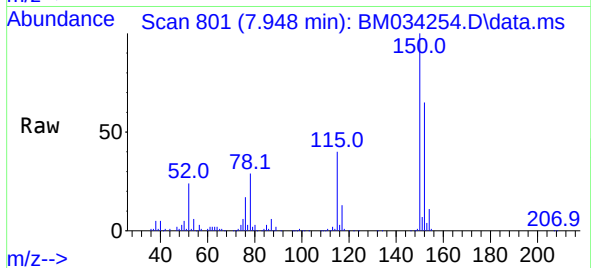
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	55095	6.492	ng	99
46) 1,1'-Biphenyl	13.424	154	220213	7.610	ng	100
47) 2-Chloronaphthalene	13.466	162	167501	7.541	ng	98
48) 2-Nitroaniline	13.666	65	38429	5.659	ng	99
49) Acenaphthylene	14.307	152	262374	7.579	ng	98
50) Dimethylphthalate	14.036	163	197660	6.843	ng	99
51) 2,6-Dinitrotoluene	14.154	165	39474	6.663	ng	96
52) Acenaphthene	14.648	154	162766	6.980	ng	99
53) 3-Nitroaniline	14.483	138	30026	5.052	ng	# 99
54) 2,4-Dinitrophenol	14.689	184	12747	3.840	ng	97
55) Dibenzofuran	14.983	168	245837	7.075	ng	98
56) 4-Nitrophenol	14.783	139	18217m	3.781	ng	
57) 2,4-Dinitrotoluene	14.936	165	46225	5.772	ng	96
58) Fluorene	15.630	166	191011	6.771	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	47255	6.175	ng	98
60) Diethylphthalate	15.401	149	193959	6.545	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	98077	6.810	ng	99
62) 4-Nitroaniline	15.636	138	25243m	4.415	ng	
63) Azobenzene	15.918	77	185358	6.487	ng	100
65) 4,6-Dinitro-2-methylph...	15.701	198	21167	4.701	ng	95
66) n-Nitrosodiphenylamine	15.836	169	159327	7.242	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	57252	7.192	ng	95
68) Hexachlorobenzene	16.636	284	66719	7.514	ng	98
69) Atrazine	16.777	200	52438	7.231	ng	98
70) Pentachlorophenol	16.977	266	32339	5.695	ng	95
71) Phenanthrene	17.365	178	280258	7.227	ng	99
72) Anthracene	17.454	178	269517	7.140	ng	99
73) Carbazole	17.724	167	205779	5.845	ng	99
74) Di-n-butylphthalate	18.289	149	262382	5.995	ng	99
75) Fluoranthene	19.377	202	278058	6.396	ng	99
77) Benzidine	19.559	184	56224m	6.644	ng	
78) Pyrene	19.736	202	293404	7.212	ng	99
80) Butylbenzylphthalate	20.630	149	96651	5.617	ng	96
81) Benzo(a)anthracene	21.477	228	251482	6.900	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	73282	6.020	ng	99
83) Chrysene	21.530	228	258458	6.944	ng	98
84) Bis(2-ethylhexyl)phtha...	21.406	149	143078	5.631	ng	99
85) Di-n-octyl phthalate	22.336	149	233791	5.797	ng	98
87) Indeno(1,2,3-cd)pyrene	26.418	276	248987	6.583	ng	99
88) Benzo(b)fluoranthene	23.171	252	238235	6.776	ng	99
89) Benzo(k)fluoranthene	23.218	252	269518	7.236	ng	100
90) Benzo(a)pyrene	23.800	252	228969	7.682	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	201568	6.572	ng	98
92) Benzo(g,h,i)perylene	27.188	276	241696	7.614	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

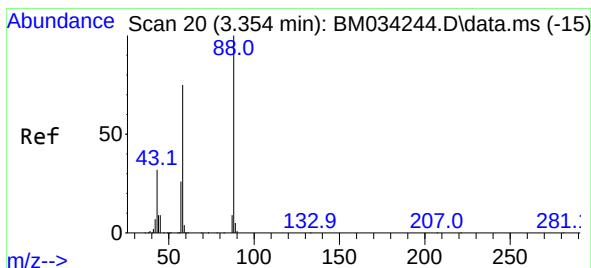
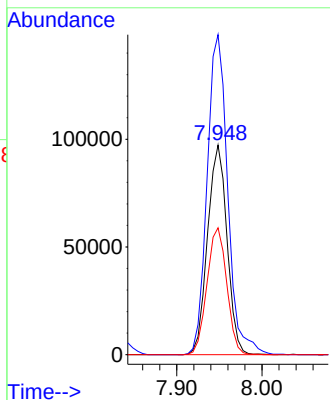
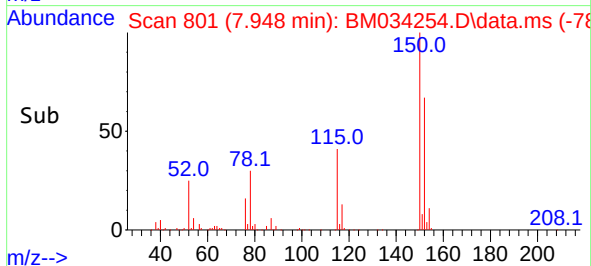
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



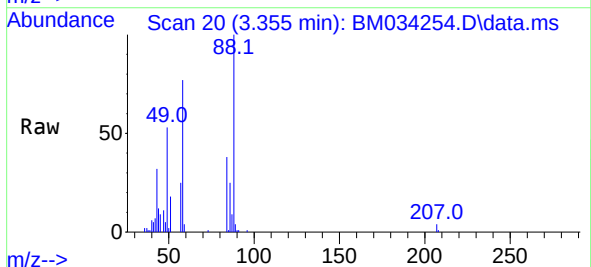
Tgt Ion: 152 Resp: 15450
Ion Ratio Lower Upper
152 100
150 152.7 125.4 188.2
115 60.6 50.1 75.1

Manual Integrations
APPROVED

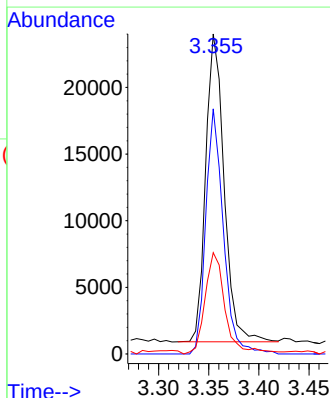
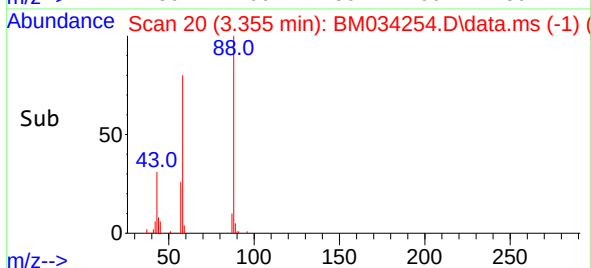
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

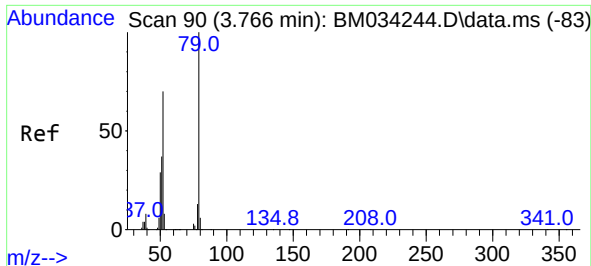


#2
1,4-Dioxane
Concen: 7.584 ng
RT: 3.355 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



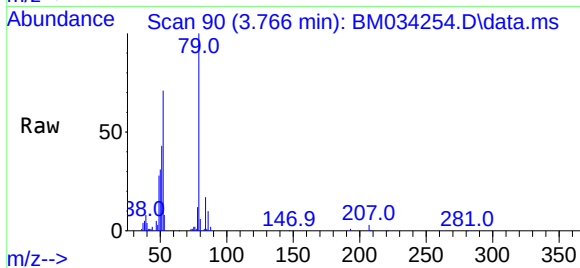
Tgt Ion: 88 Resp: 29551
Ion Ratio Lower Upper
88 100
58 76.1 60.4 90.6
43 36.1 25.4 38.0





#3
Pyridine
Concen: 6.726 ng
RT: 3.766 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

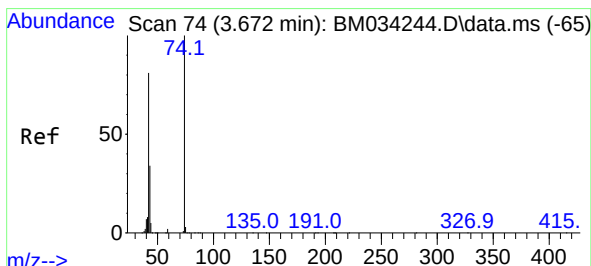
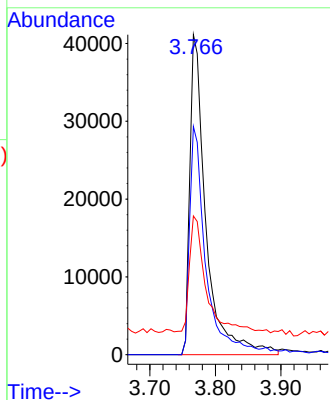
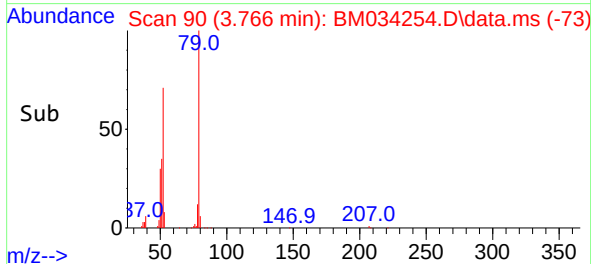
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



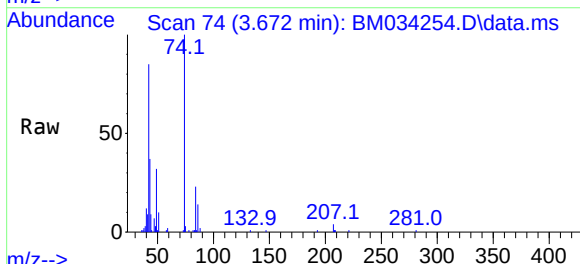
Tgt Ion: 79 Resp: 70919
Ion Ratio Lower Upper
79 100
52 71.3 56.1 84.1
51 43.4 30.4 45.6

Manual Integrations
APPROVED

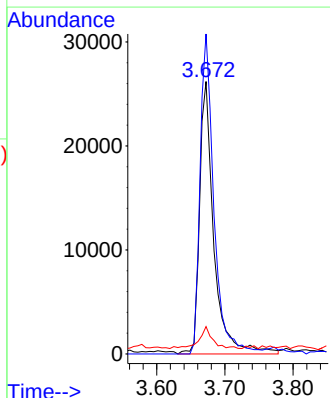
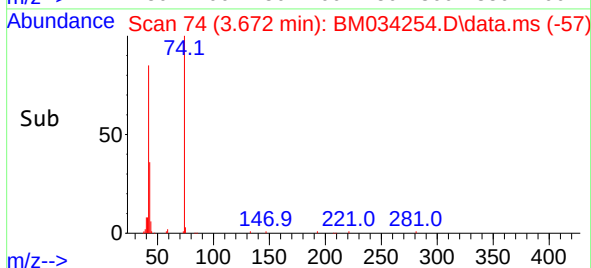
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

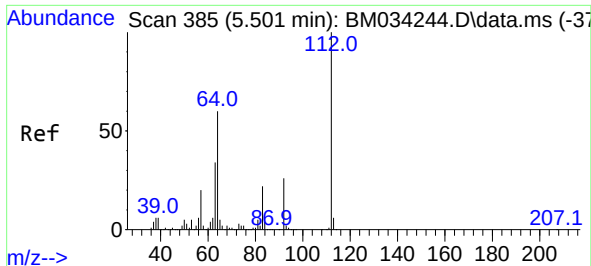


#4
n-Nitrosodimethylamine
Concen: 7.609 ng
RT: 3.672 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



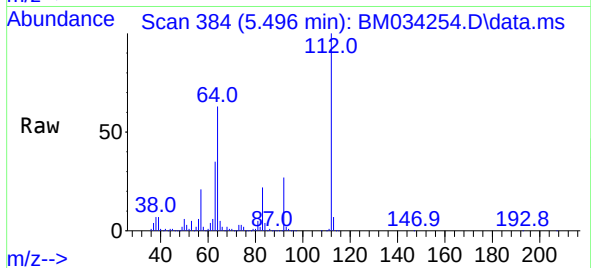
Tgt Ion: 42 Resp: 38098
Ion Ratio Lower Upper
42 100
74 117.5 99.3 148.9
44 10.1 5.0 7.6





#5
2-Fluorophenol
Concen: 155.350 ng
RT: 5.496 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

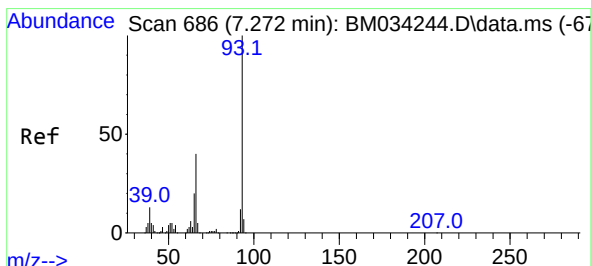
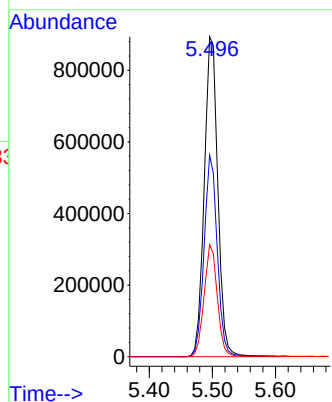
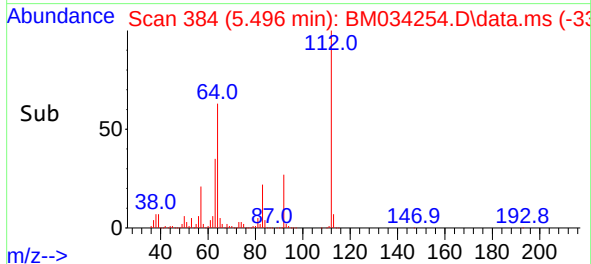
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 112 Resp: 133796
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 35.0 27.1 40.7

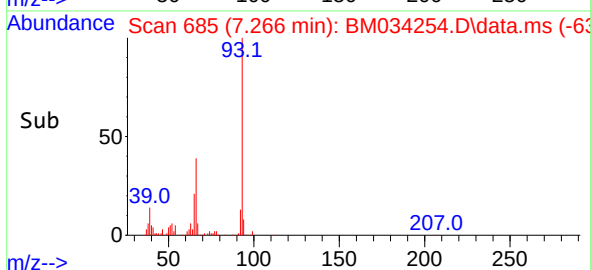
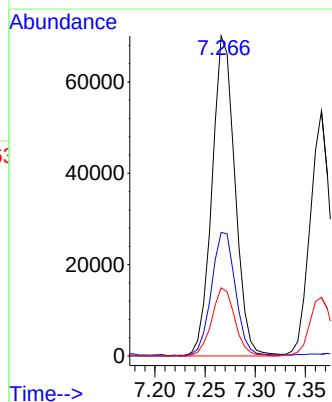
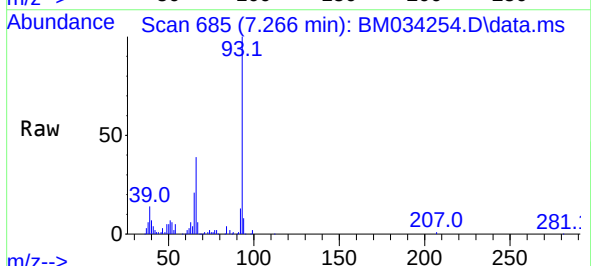
Manual Integrations
APPROVED

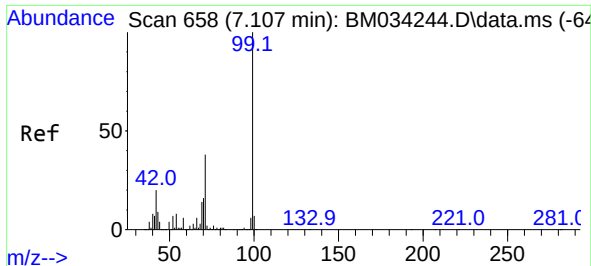
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#6
Aniline
Concen: 7.919 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

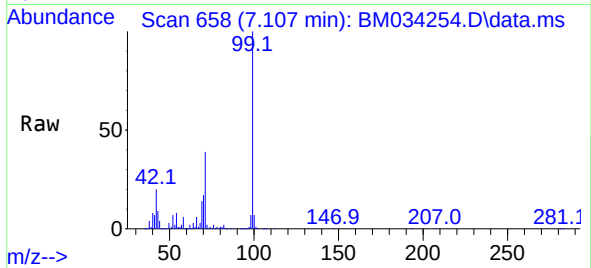
Tgt Ion: 93 Resp: 111588
Ion Ratio Lower Upper
93 100
66 38.6 31.9 47.9
65 21.3 16.2 24.4





#7
Phenol-d6
Concen: 149.615 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

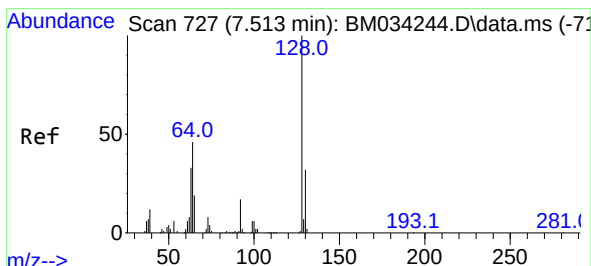
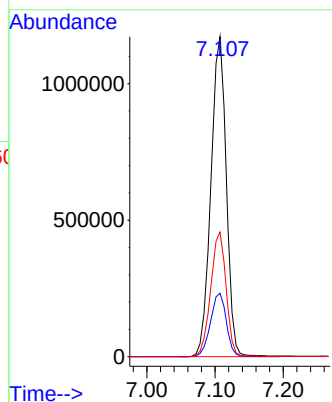
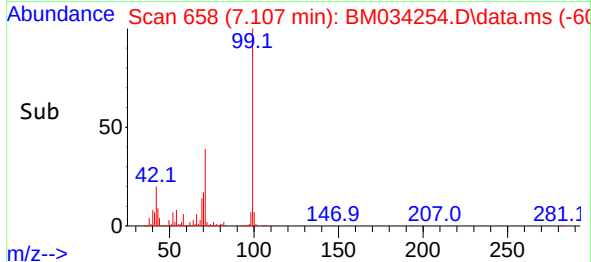
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



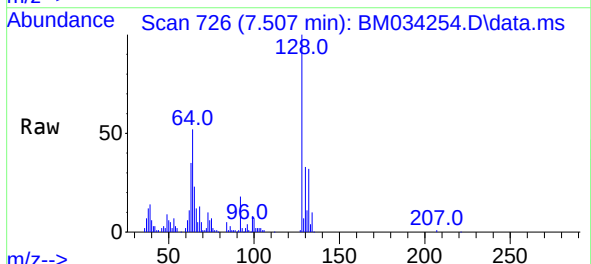
Tgt Ion: 99 Resp: 184493
Ion Ratio Lower Upper
99 100
42 19.9 15.6 23.4
71 39.0 30.6 46.0

Manual Integrations
APPROVED

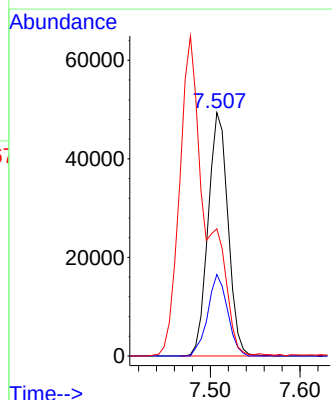
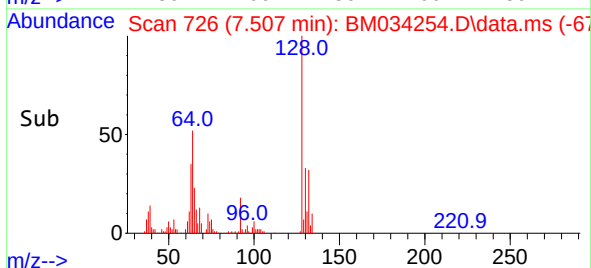
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

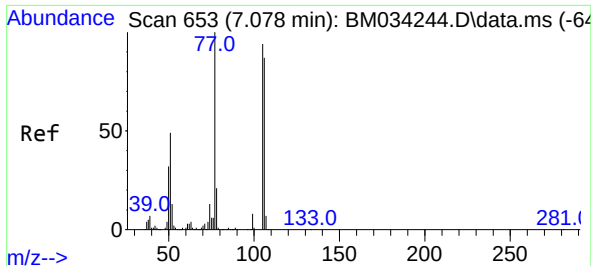


#8
2-Chlorophenol
Concen: 7.552 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



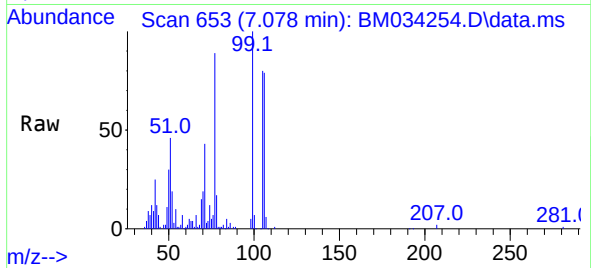
Tgt Ion:128 Resp: 76081
Ion Ratio Lower Upper
128 100
130 33.5 12.3 52.3
64 52.3 28.1 68.1





#9
Benzaldehyde
Concen: 10.671 ng m
RT: 7.078 min Scan# 653
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

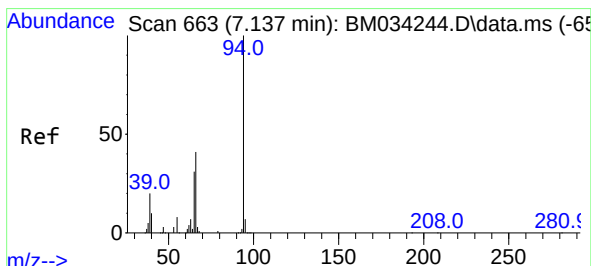
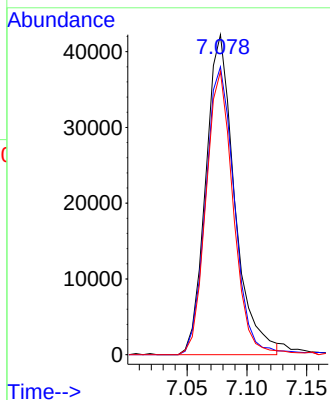
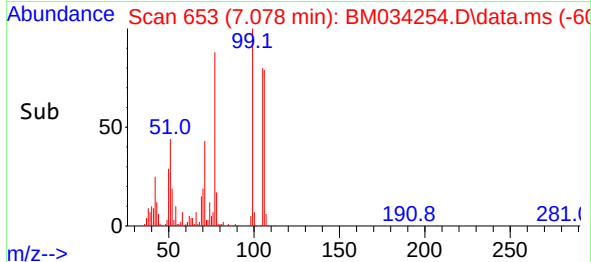
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



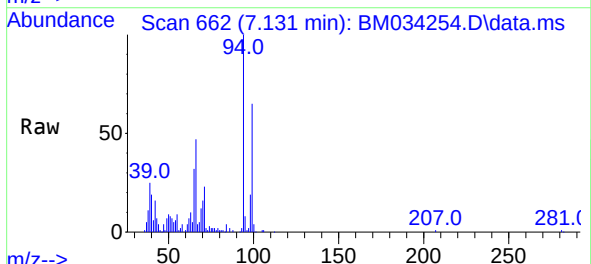
Tgt Ion: 77 Resp: 7089
Ion Ratio Lower Upper
77 100
105 89.9 73.9 113.9
106 88.5 67.2 107.2

Manual Integrations
APPROVED

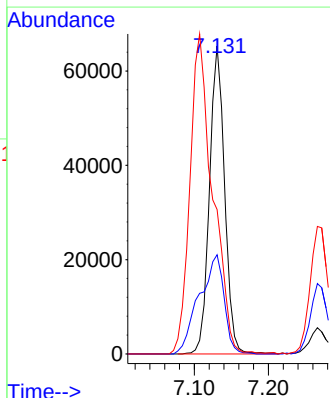
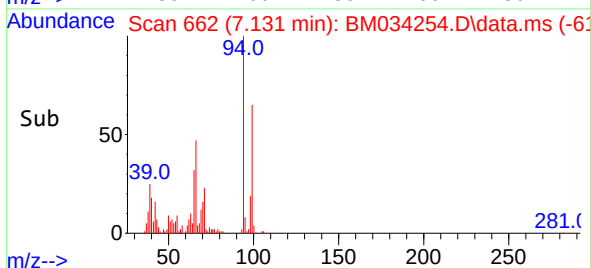
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

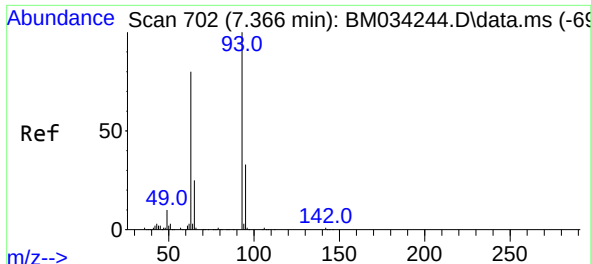


#10
Phenol
Concen: 7.568 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



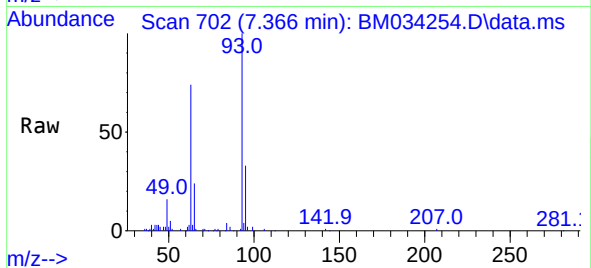
Tgt Ion: 94 Resp: 92816
Ion Ratio Lower Upper
94 100
65 32.2 10.9 50.9
66 46.9 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 7.669 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

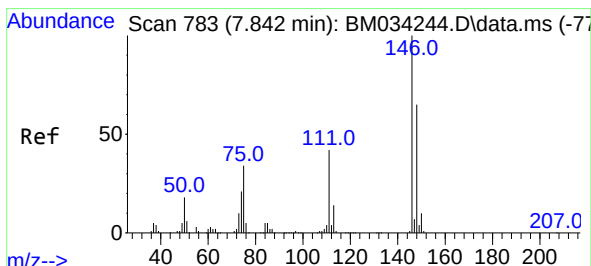
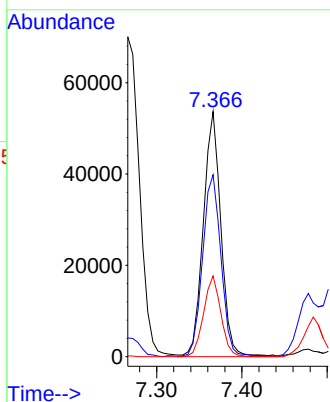
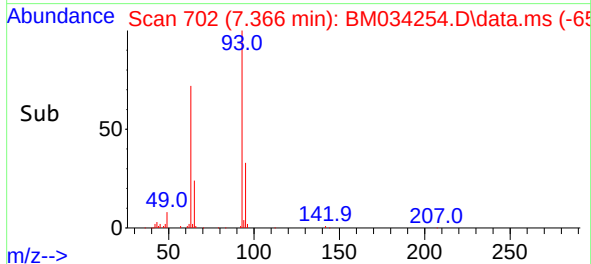
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



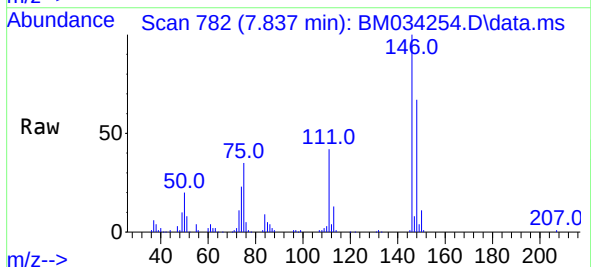
Tgt Ion: 93 Resp: 77202
Ion Ratio Lower Upper
93 100
63 74.2 59.6 99.6
95 32.9 12.6 52.6

Manual Integrations
APPROVED

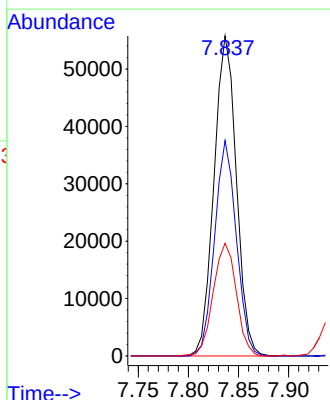
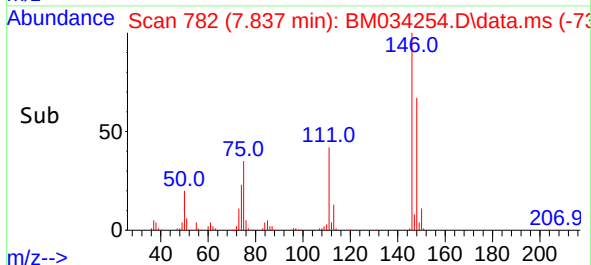
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

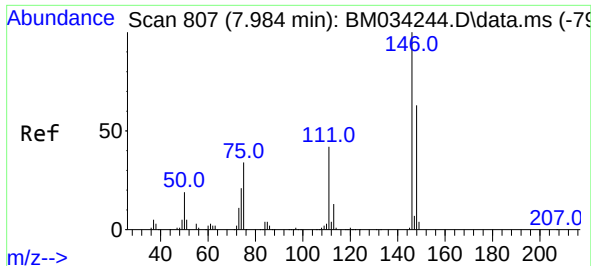


#12
1,3-Dichlorobenzene
Concen: 7.562 ng
RT: 7.837 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



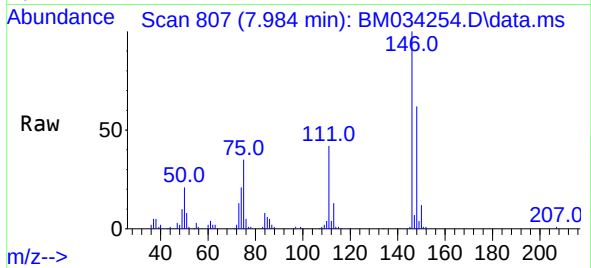
Tgt Ion:146 Resp: 86410
Ion Ratio Lower Upper
146 100
148 67.3 51.8 77.8
75 35.2 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 7.597 ng
RT: 7.984 min Scan# 807
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

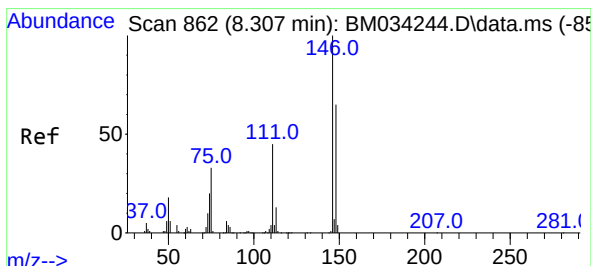
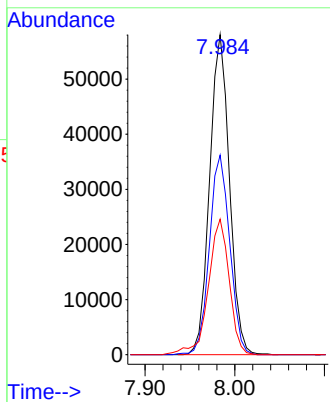
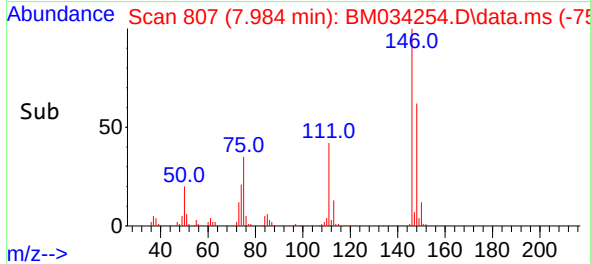
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



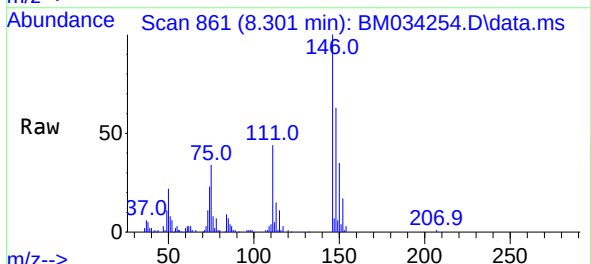
Tgt Ion:146 Resp: 8887
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 42.4 34.0 51.0

Manual Integrations
APPROVED

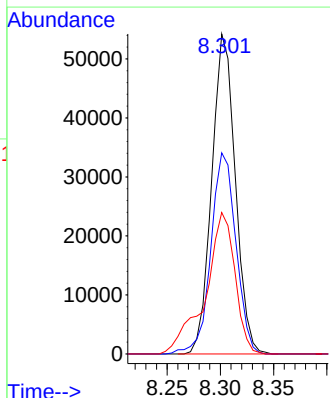
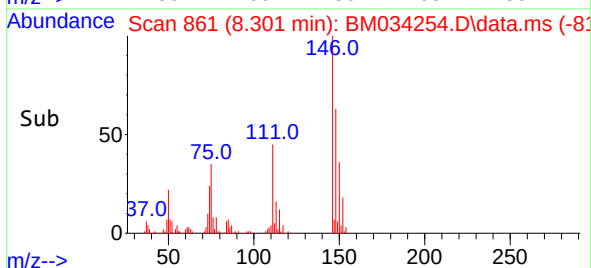
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

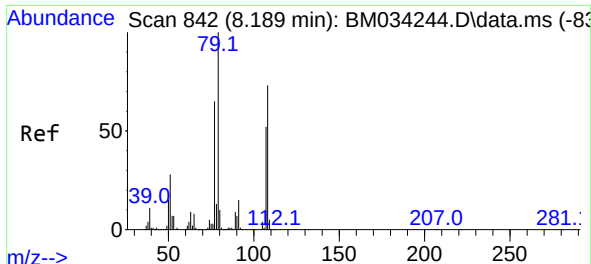


#14
1,2-Dichlorobenzene
Concen: 7.304 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



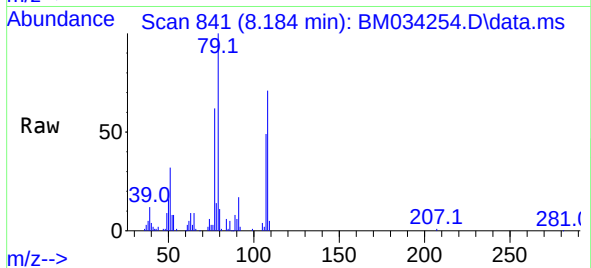
Tgt Ion:146 Resp: 83293
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.4
111 44.2 35.8 53.8





#15
Benzyl Alcohol
Concen: 6.841 ng
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

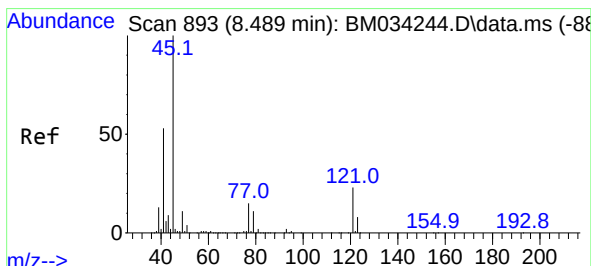
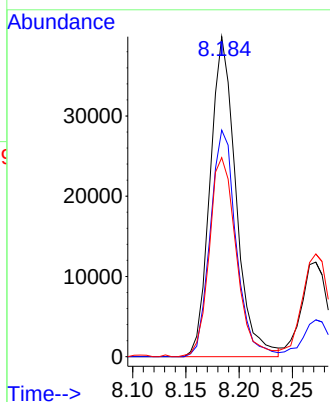
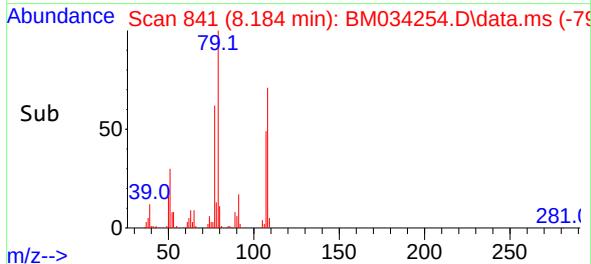
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



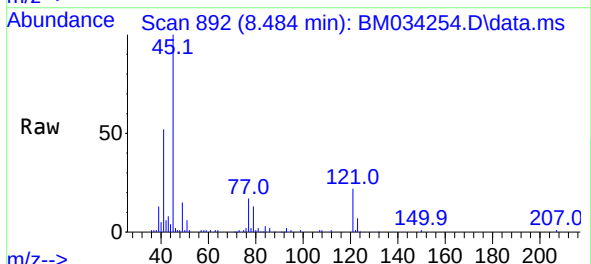
Tgt Ion: 79 Resp: 6713
Ion Ratio Lower Upper
79 100
108 70.8 58.1 87.1
77 62.2 51.8 77.6

Manual Integrations
APPROVED

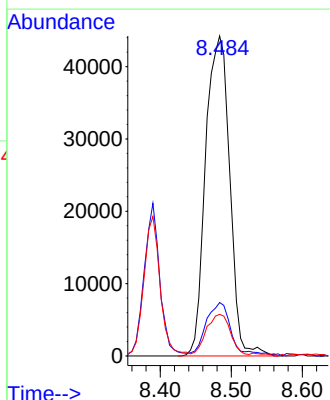
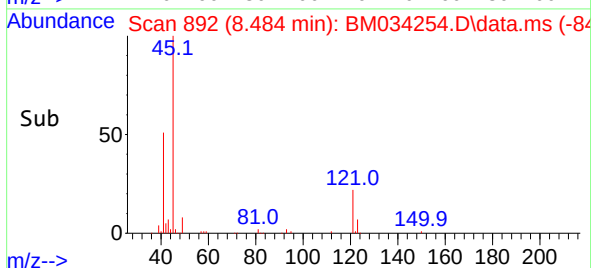
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

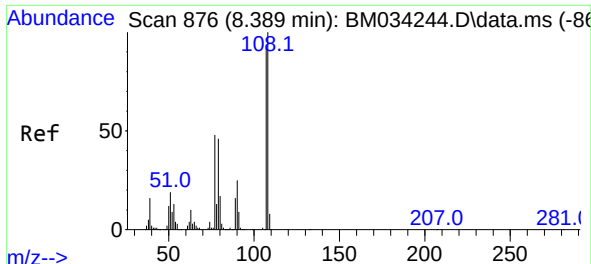


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.545 ng
RT: 8.484 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



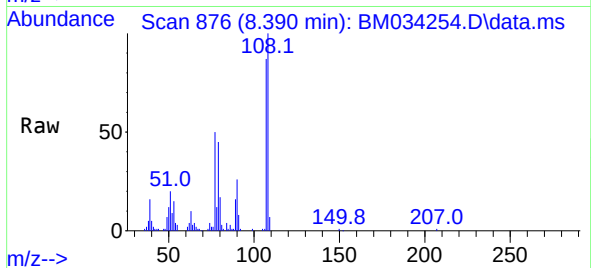
Tgt Ion: 45 Resp: 104234
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.7
79 13.0 0.0 31.7





#17
2-Methylphenol
Concen: 6.961 ng
RT: 8.390 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

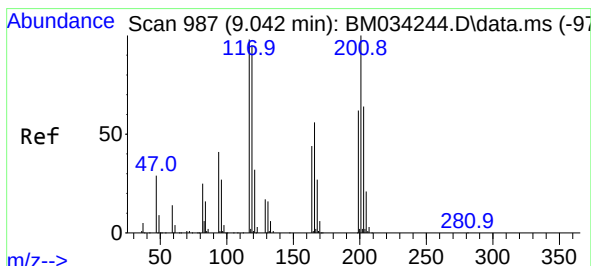
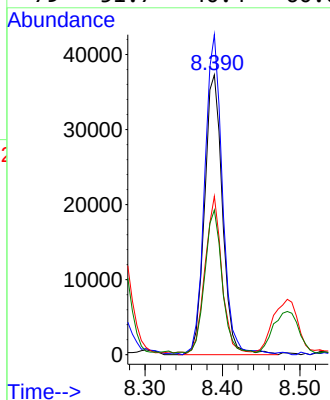
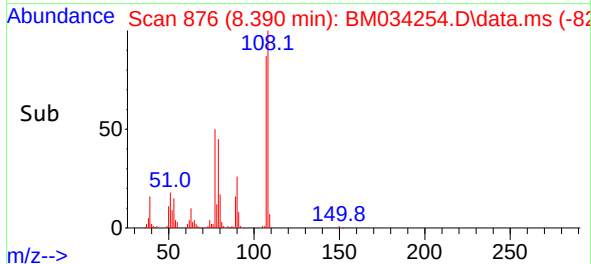


Tgt Ion:107 Resp: 5979

Ion	Ratio	Lower	Upper
107	100		
108	114.4	87.3	130.9
77	56.6	41.6	62.4
79	51.7	40.4	60.6

Manual Integrations
APPROVED

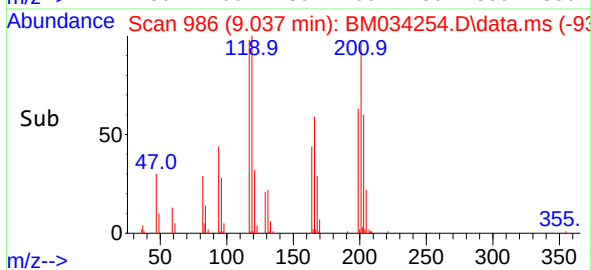
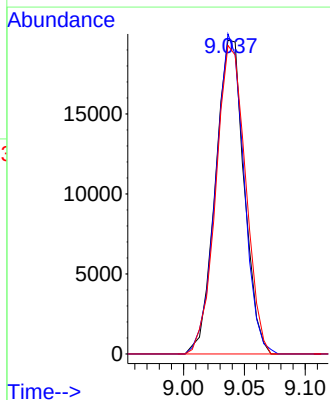
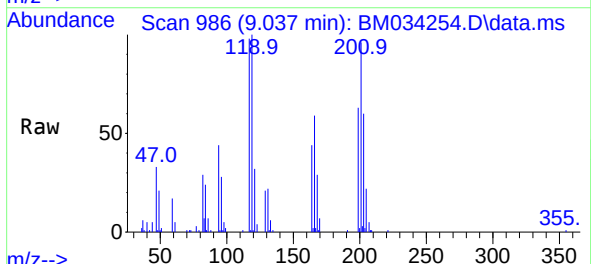
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

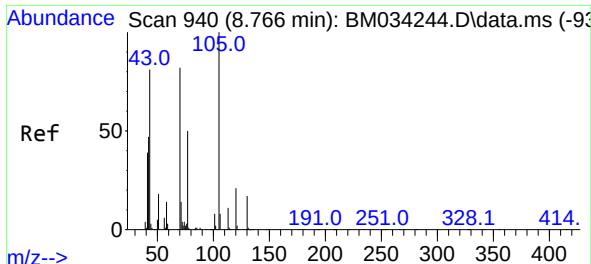


#18
Hexachloroethane
Concen: 7.460 ng
RT: 9.037 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:117 Resp: 32185

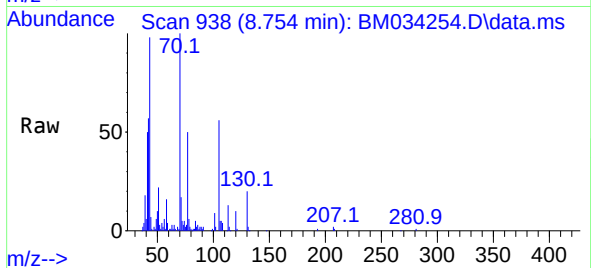
Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.4	116.0
201	98.3	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 7.179 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

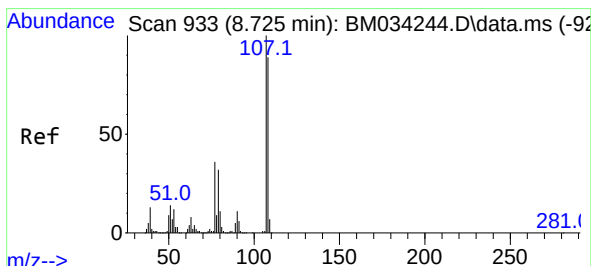
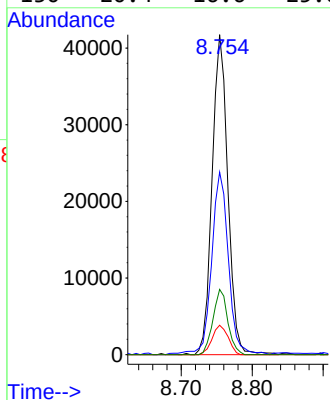
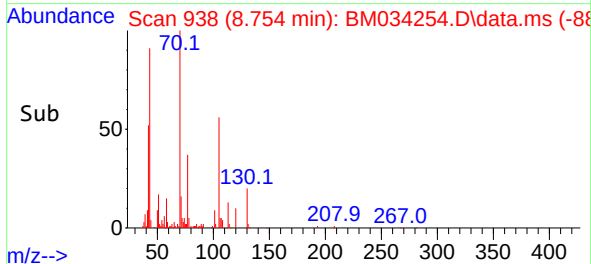
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



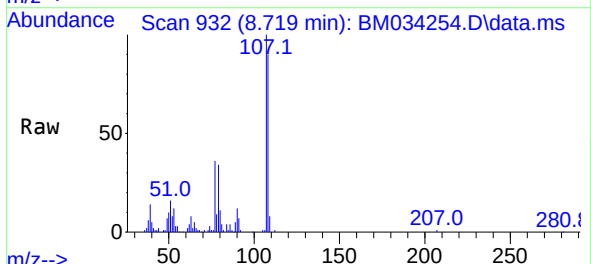
Tgt Ion: 70 Resp: 6403
Ion Ratio Lower Upper
70 100
42 57.1 46.7 70.1
101 9.2 7.8 11.6
130 20.4 16.6 25.0

Manual Integrations
APPROVED

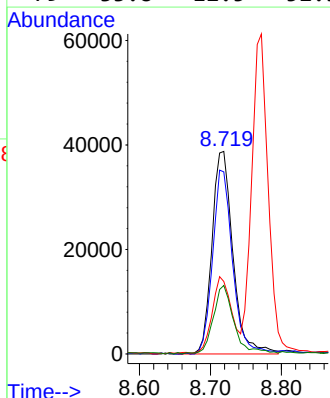
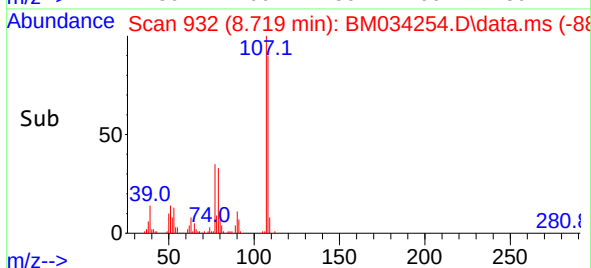
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

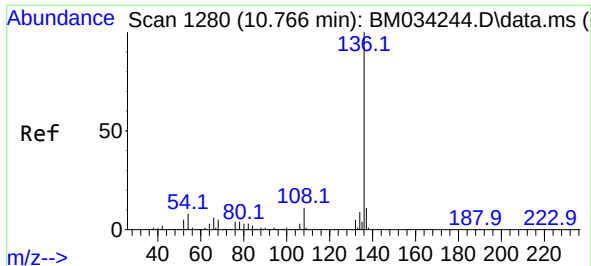


#20
3+4-Methylphenols
Concen: 6.668 ng
RT: 8.719 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



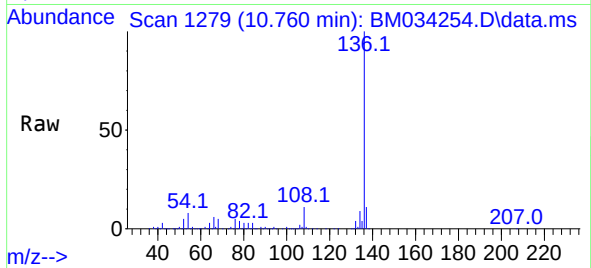
Tgt Ion:107 Resp: 79207
Ion Ratio Lower Upper
107 100
108 89.9 69.2 109.2
77 35.8 16.5 56.5
79 33.8 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

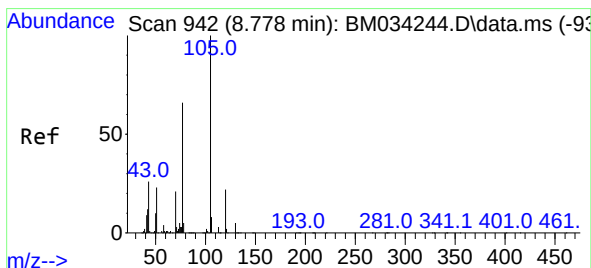
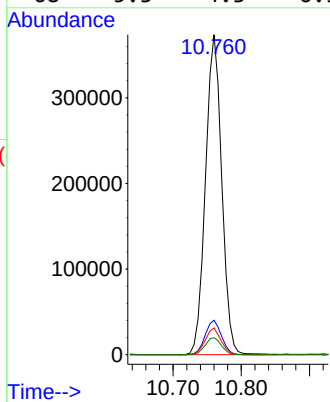
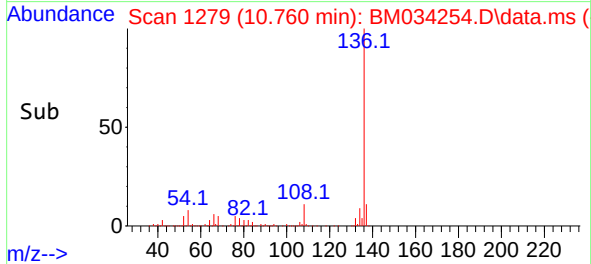
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:136 Resp: 619970
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 6.2 9.4
68 5.3 4.3 6.5

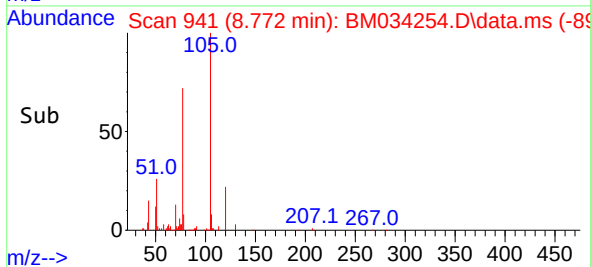
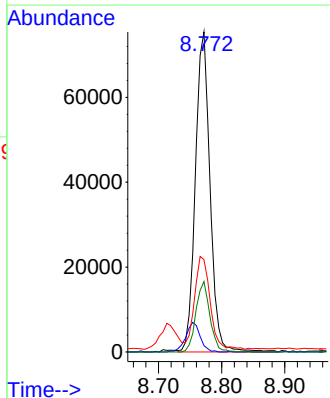
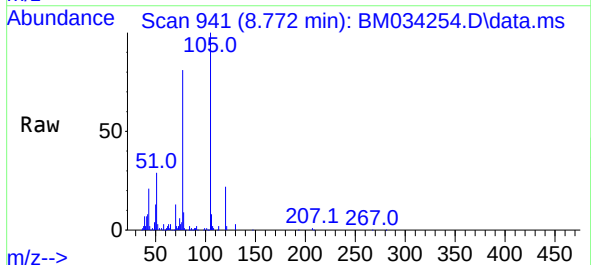
Manual Integrations
APPROVED

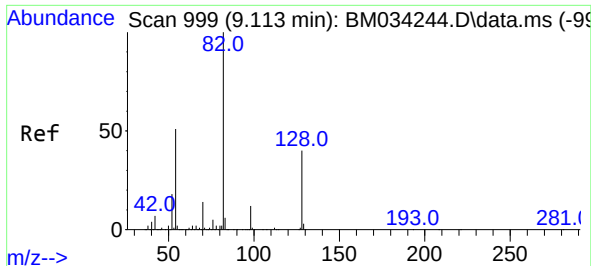
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#22
Acetophenone
Concen: 7.639 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

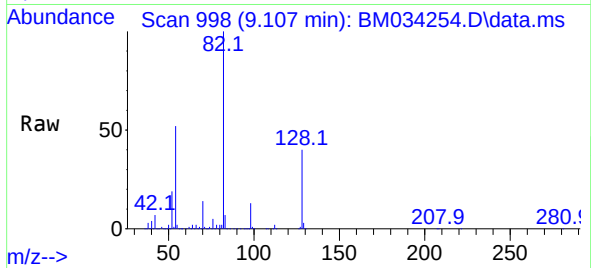
Tgt Ion:105 Resp: 121543
Ion Ratio Lower Upper
105 100
71 2.0 3.0 4.4#
51 28.9 22.6 33.8
120 22.0 17.5 26.3





#23
Nitrobenzene-d5
Concen: 82.739 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

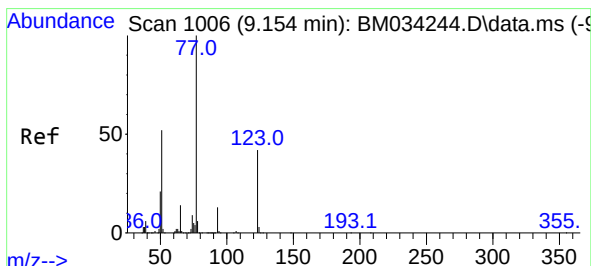
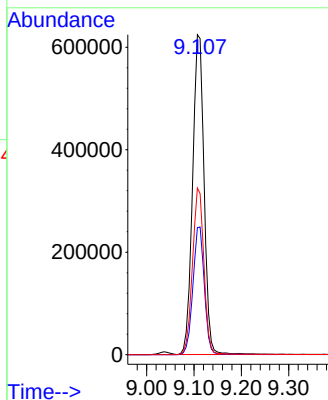
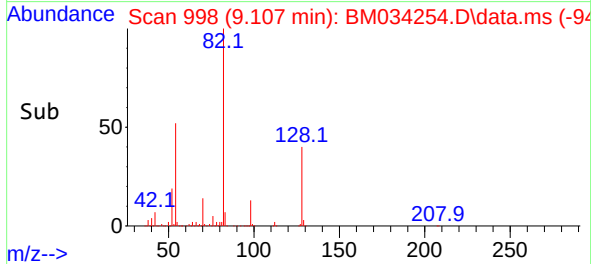
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



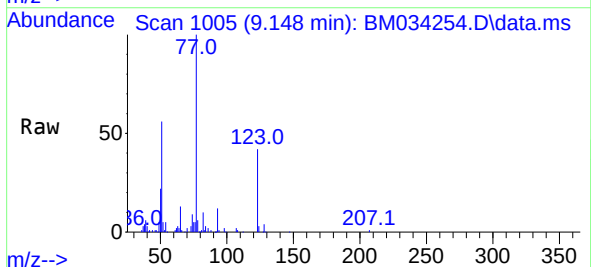
Tgt Ion: 82 Resp: 105358
Ion Ratio Lower Upper
82 100
128 39.7 31.9 47.9
54 52.1 40.6 61.0

Manual Integrations
APPROVED

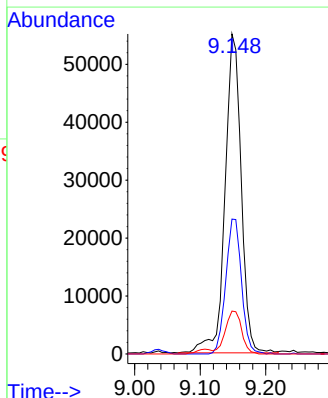
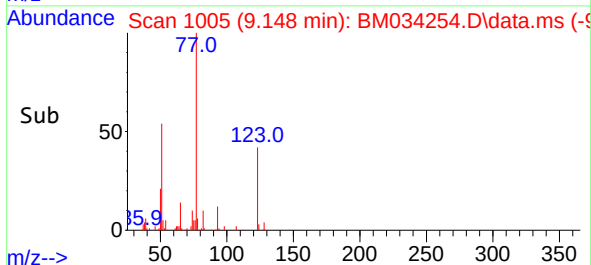
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

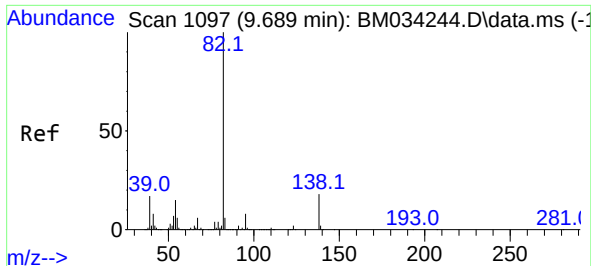


#24
Nitrobenzene
Concen: 7.922 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



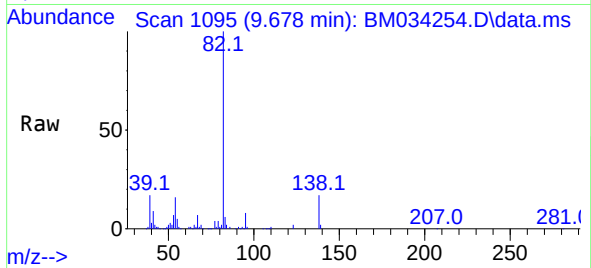
Tgt Ion: 77 Resp: 94179
Ion Ratio Lower Upper
77 100
123 42.1 33.3 49.9
65 13.4 11.0 16.4





#25
Isophorone
Concen: 7.526 ng
RT: 9.678 min Scan# 1097
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

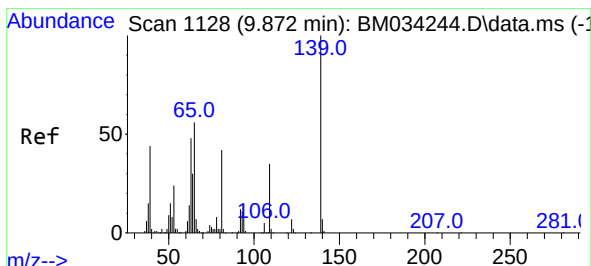
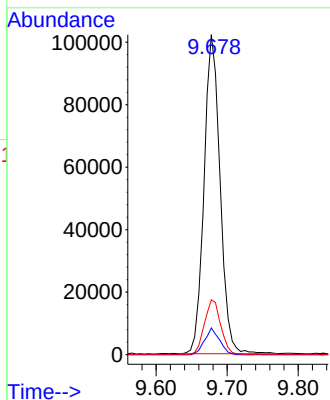
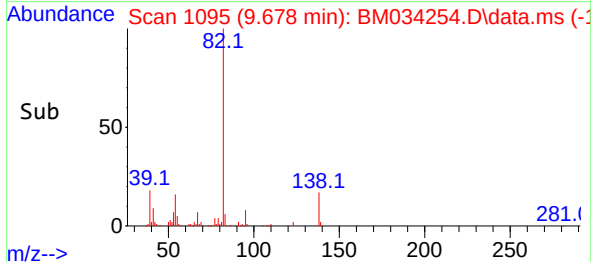
Instrument : BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 82 Resp: 160360
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 17.1 14.4 21.6

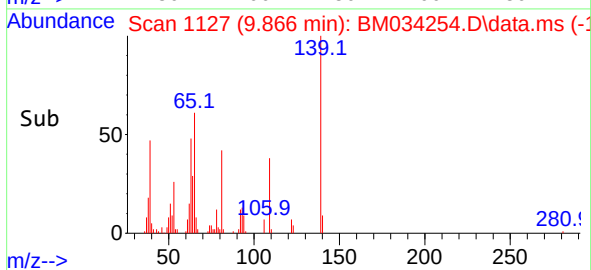
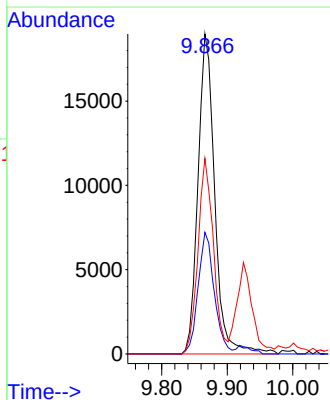
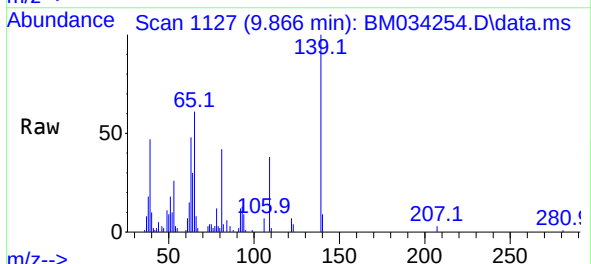
Manual Integrations
APPROVED

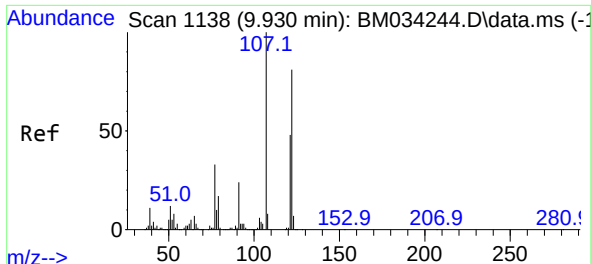
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#26
2-Nitrophenol
Concen: 6.412 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:139 Resp: 33805
Ion Ratio Lower Upper
139 100
109 38.0 28.1 42.1
65 61.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 8.207 ng

RT: 9.925 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM034254.D

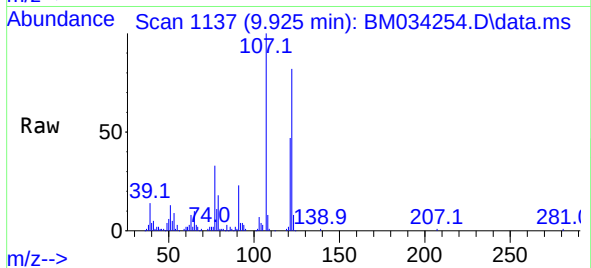
Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:122 Resp: 6775

Ion Ratio Lower Upper

122 100

107 121.4 99.0 148.6

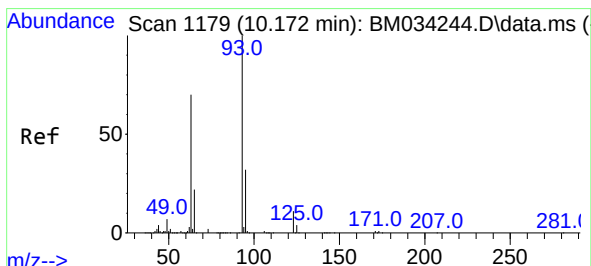
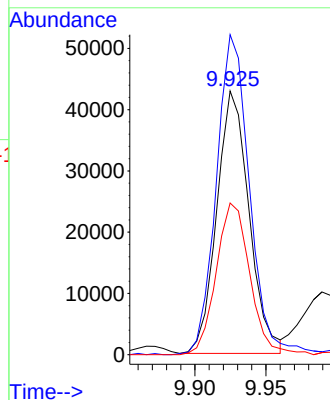
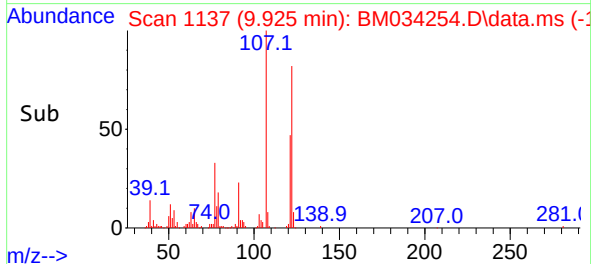
121 57.5 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 7.284 ng

RT: 10.166 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

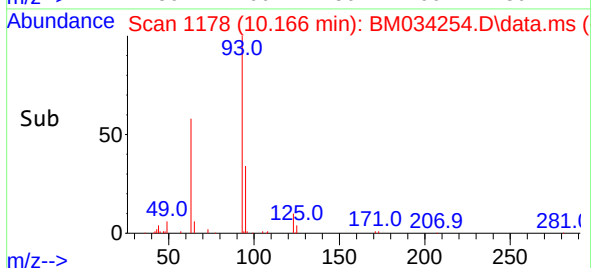
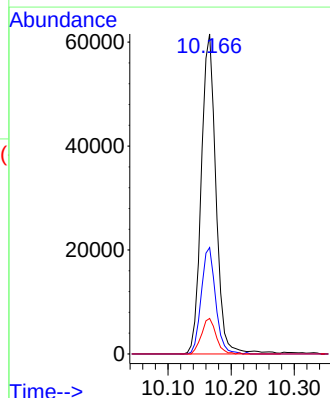
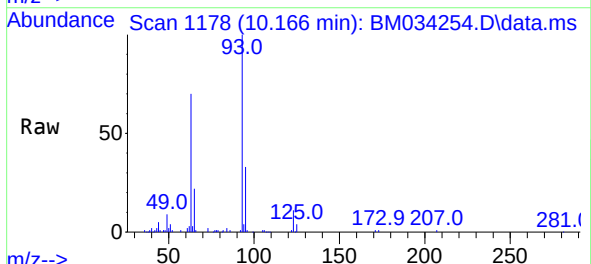
Tgt Ion: 93 Resp: 99374

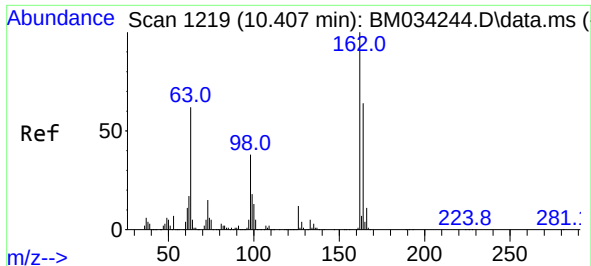
Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

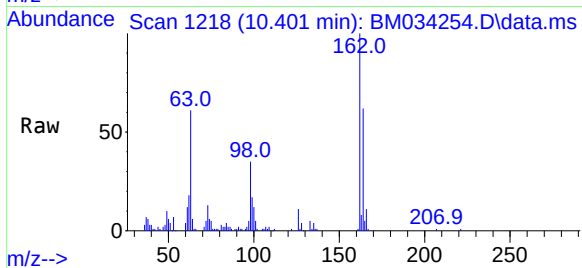
123 11.1 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 6.640 ng
RT: 10.401 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

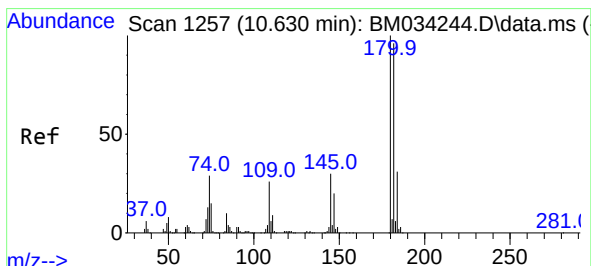
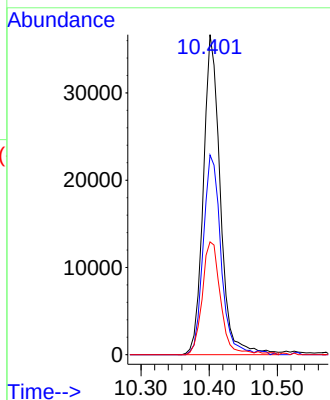
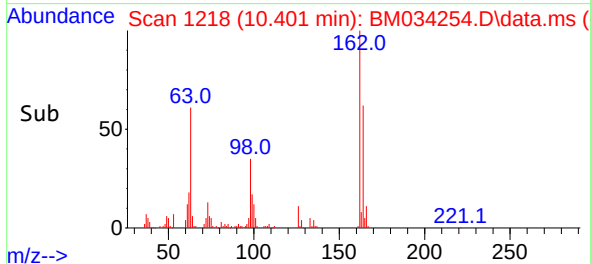
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



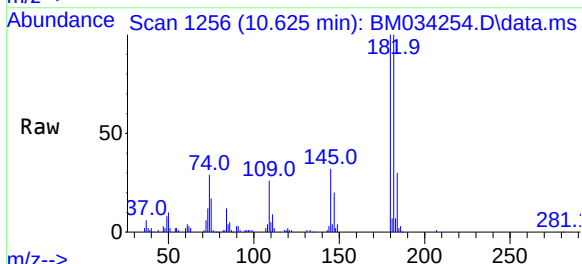
Tgt Ion:162 Resp: 63690
Ion Ratio Lower Upper
162 100
164 62.4 43.9 83.9
98 35.2 17.6 57.6

Manual Integrations
APPROVED

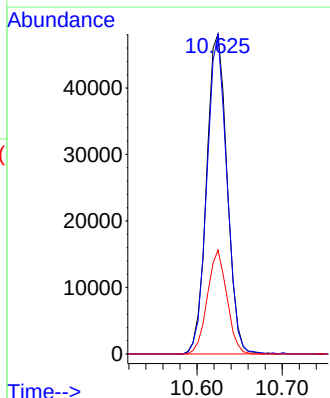
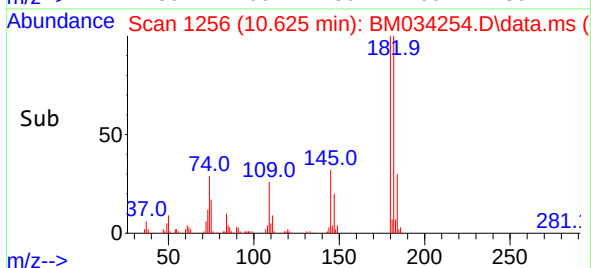
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

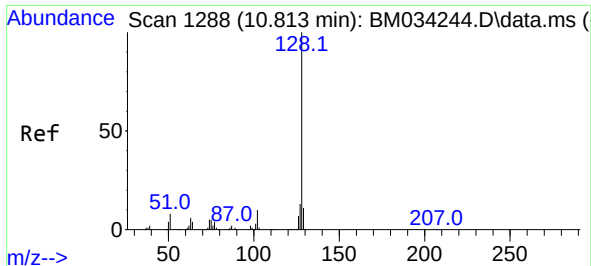


#30
1,2,4-Trichlorobenzene
Concen: 7.364 ng
RT: 10.625 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



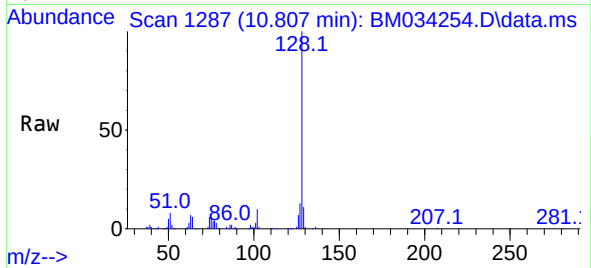
Tgt Ion:180 Resp: 80294
Ion Ratio Lower Upper
180 100
182 99.6 77.0 115.4
145 32.4 23.7 35.5





#31
Naphthalene
Concen: 7.481 ng
RT: 10.807 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

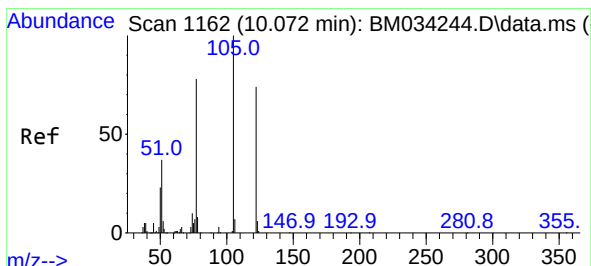
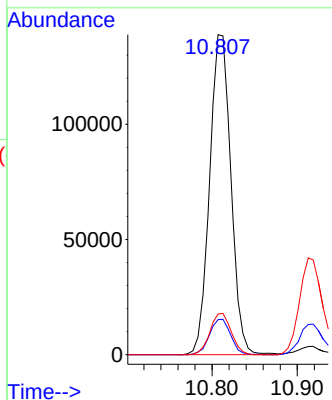
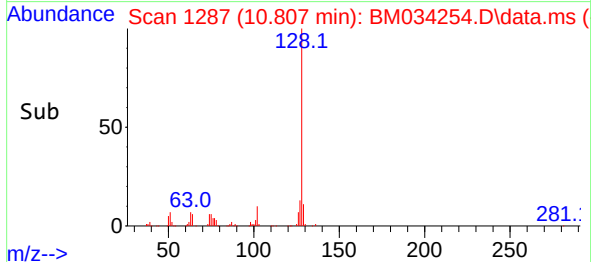
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:128 Resp: 241644
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.2 15.4

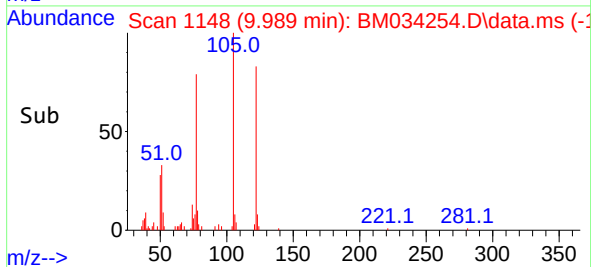
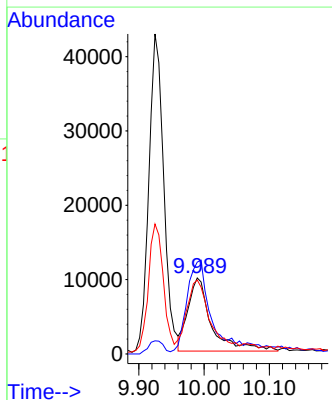
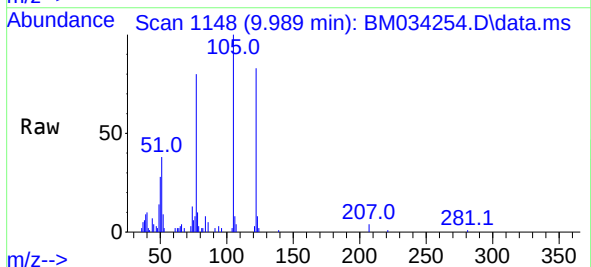
Manual Integrations
APPROVED

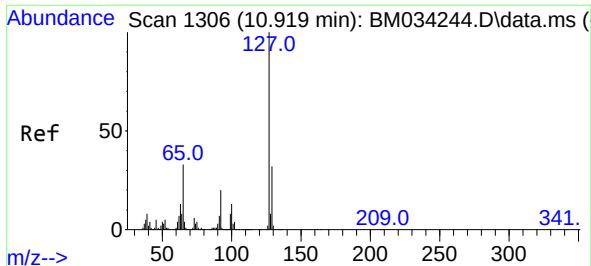
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#32
Benzoic acid
Concen: 3.636 ng m
RT: 9.989 min Scan# 1148
Delta R.T. -0.083 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:122 Resp: 24824
Ion Ratio Lower Upper
122 100
105 120.8 109.6 149.6
77 97.2 83.1 123.1





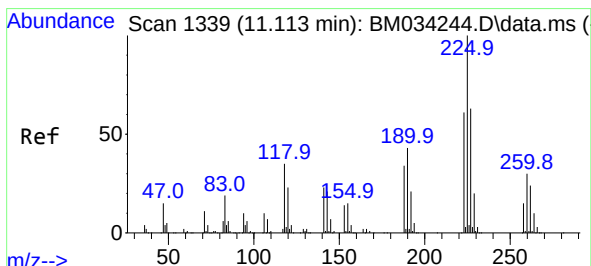
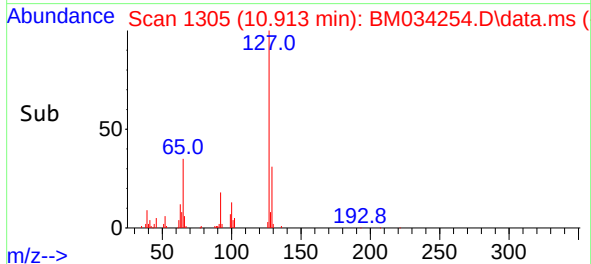
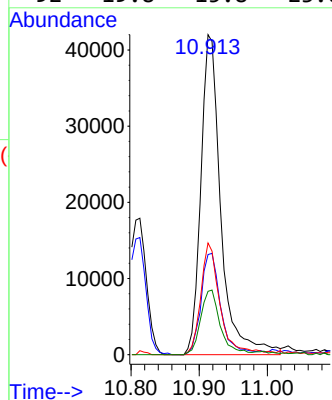
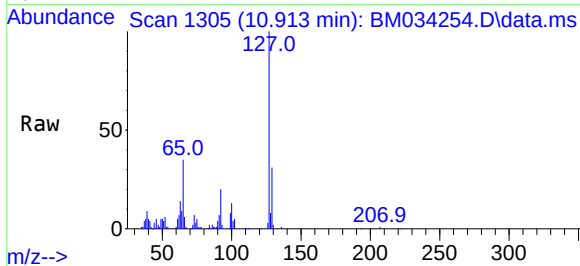
#33
4-Chloroaniline
Concen: 6.727 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:127	Resp:	85714
Ion Ratio	Lower	Upper
127 100		
129 31.3	25.4	38.2
65 34.9	26.2	39.2
92 19.8	15.8	23.6

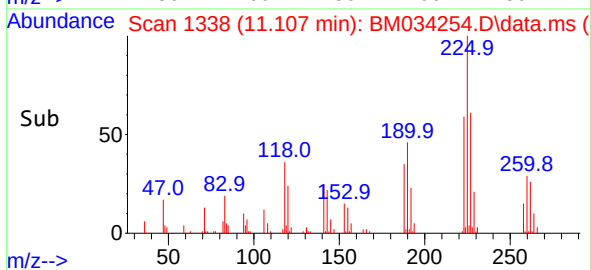
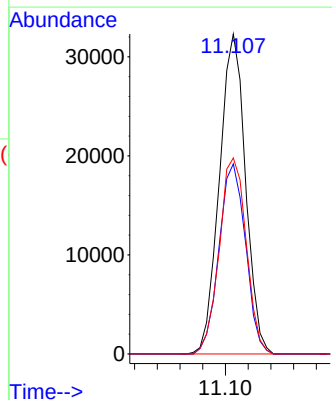
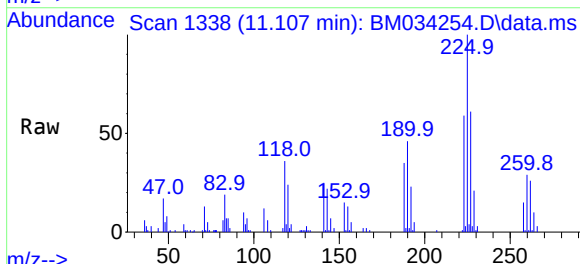
Manual Integrations
APPROVED

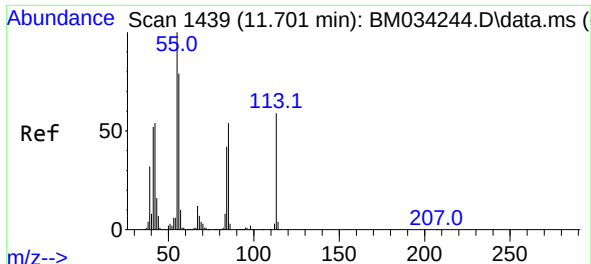
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#34
Hexachlorobutadiene
Concen: 7.463 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

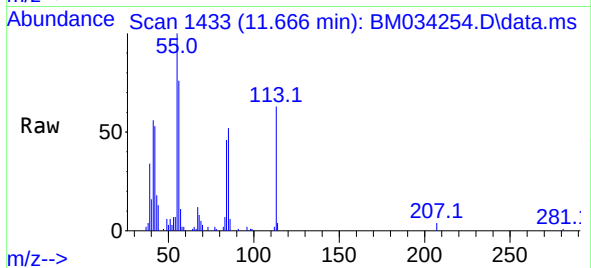
Tgt Ion:225	Resp:	51539
Ion Ratio	Lower	Upper
225 100		
223 59.4	49.0	73.4
227 61.3	50.2	75.2





#35
Caprolactam
Concen: 5.369 ng m
RT: 11.666 min Scan# 1439
Delta R.T. -0.035 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

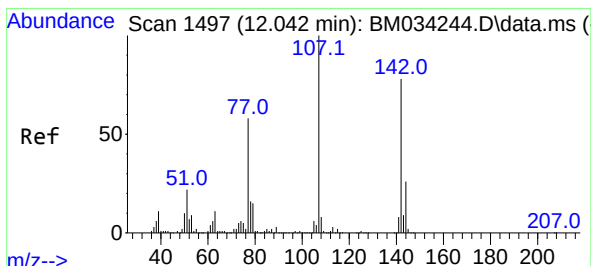
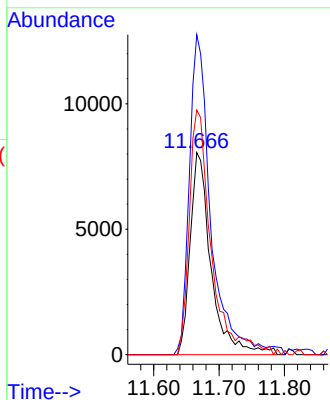
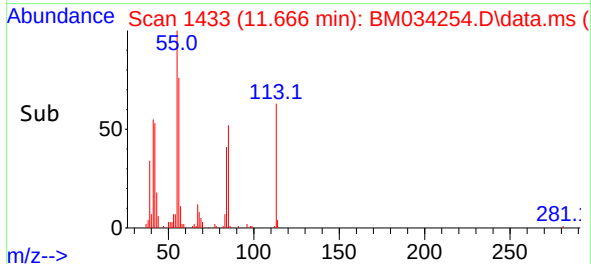
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



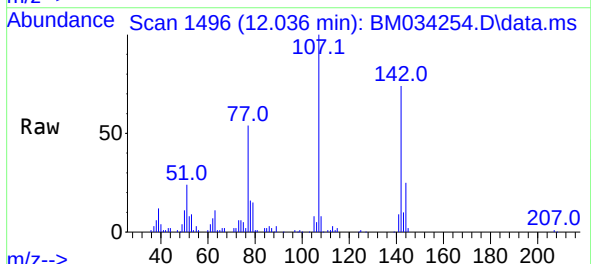
Tgt Ion:113 Resp: 1790
Ion Ratio Lower Upper
113 100
55 158.4 148.9 188.9
56 121.1 113.3 153.3

Manual Integrations
APPROVED

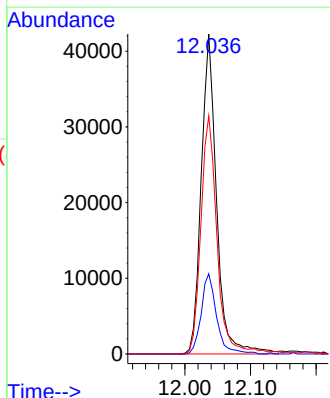
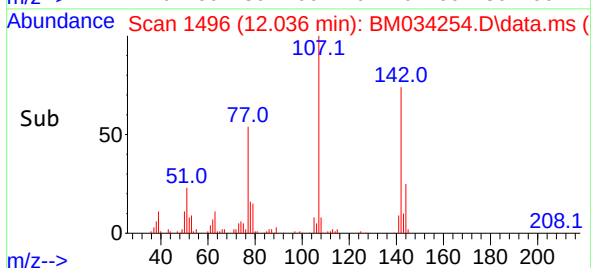
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

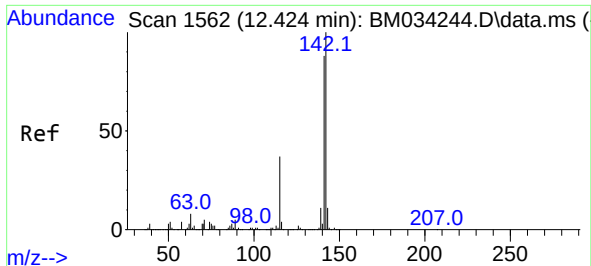


#36
4-Chloro-3-methylphenol
Concen: 6.288 ng
RT: 12.036 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



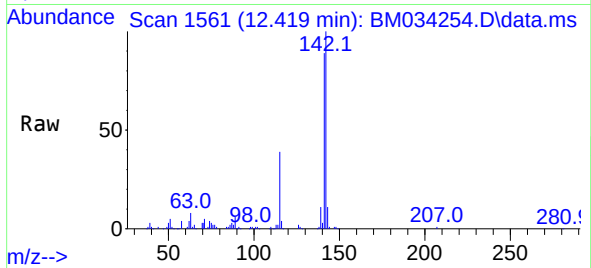
Tgt Ion:107 Resp: 69119
Ion Ratio Lower Upper
107 100
144 25.1 20.8 31.2
142 74.4 62.7 94.1





#37
2-Methylnaphthalene
Concen: 7.240 ng
RT: 12.419 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

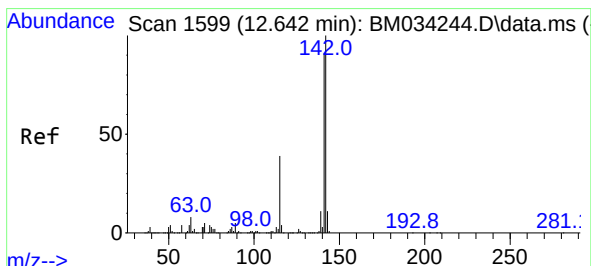
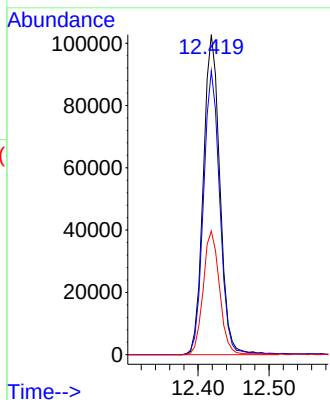
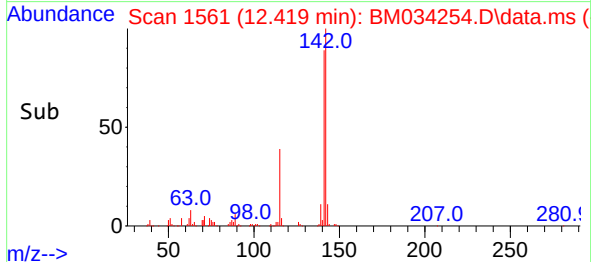
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



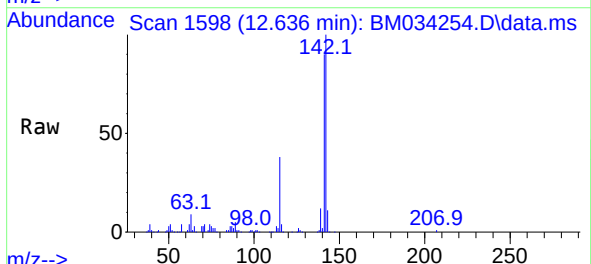
Tgt Ion:142 Resp: 166854
Ion Ratio Lower Upper
142 100
141 88.7 70.1 105.1
115 38.6 29.9 44.9

Manual Integrations
APPROVED

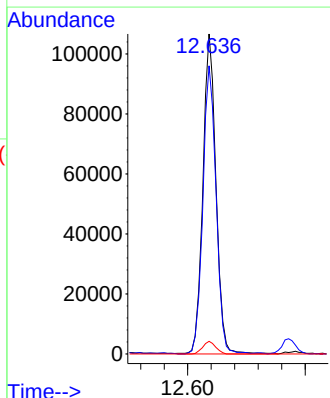
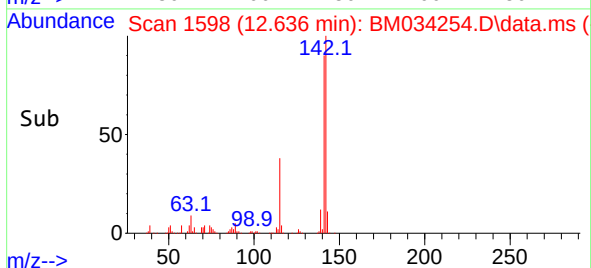
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

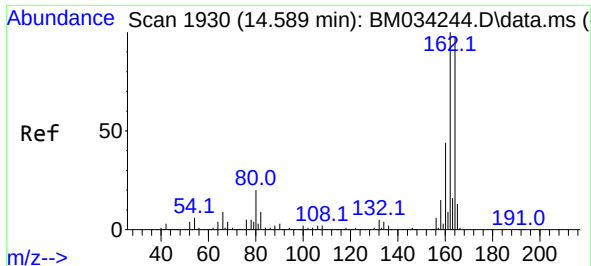


#38
1-Methylnaphthalene
Concen: 7.298 ng
RT: 12.636 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



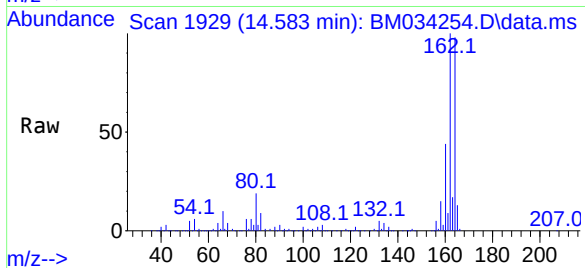
Tgt Ion:142 Resp: 164542
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.6
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

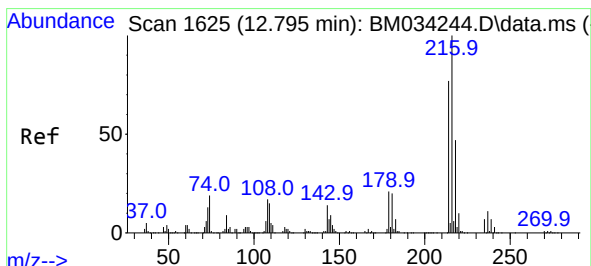
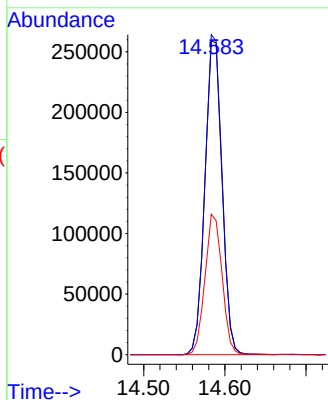
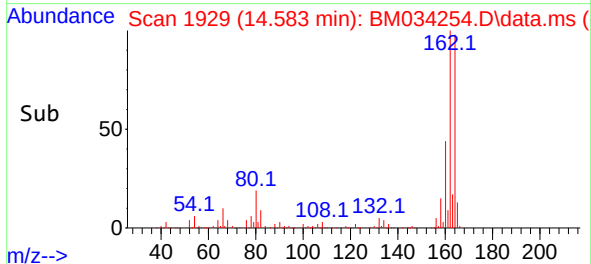
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



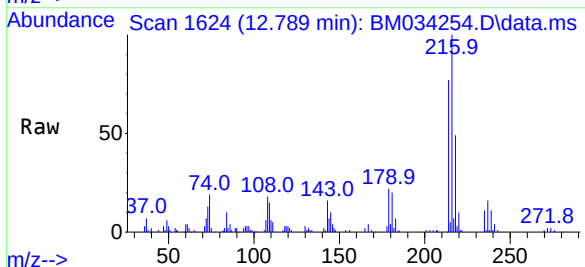
Tgt Ion:164 Resp: 37949
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 44.8 35.6 53.4

Manual Integrations
APPROVED

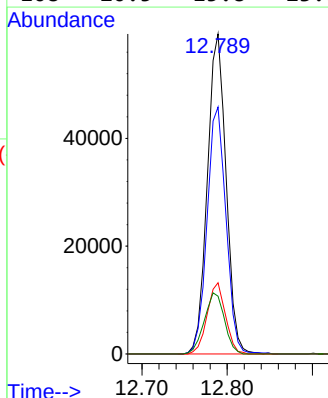
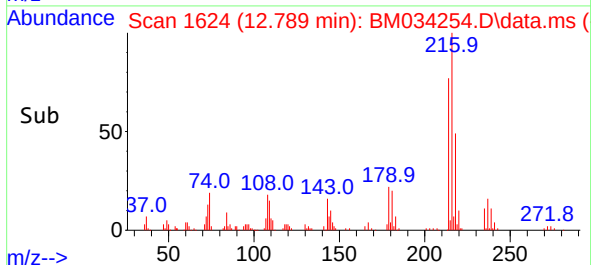
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

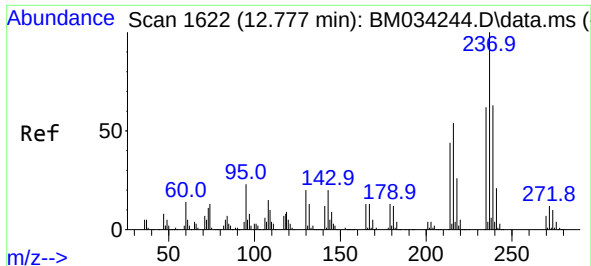


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.911 ng
RT: 12.789 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



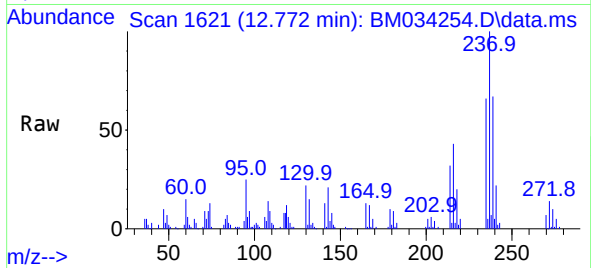
Tgt Ion:216 Resp: 90599
Ion Ratio Lower Upper
216 100
214 77.9 62.7 94.1
179 21.7 17.2 25.8
108 20.5 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 8.835 ng
RT: 12.772 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

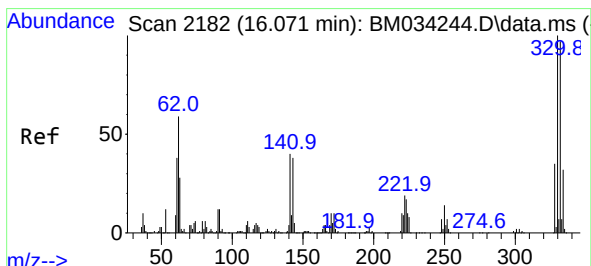
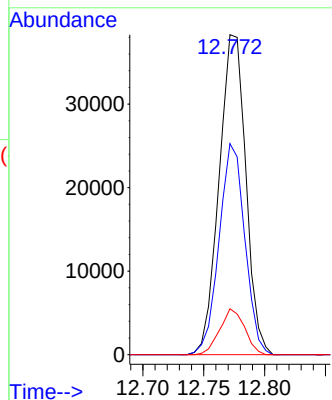
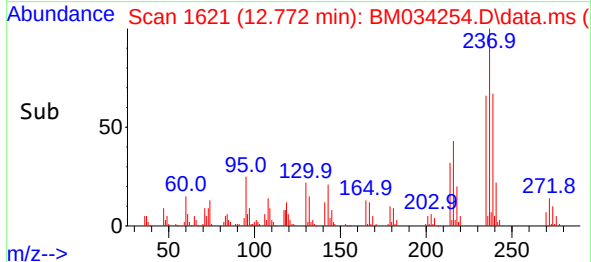
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



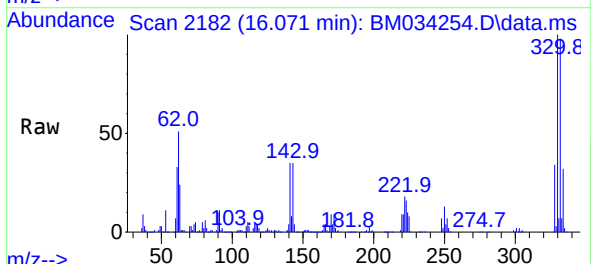
Tgt Ion:237 Resp: 58589
Ion Ratio Lower Upper
237 100
235 66.0 42.1 82.1
272 14.4 0.0 32.3

Manual Integrations
APPROVED

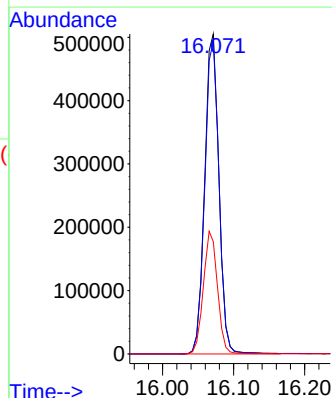
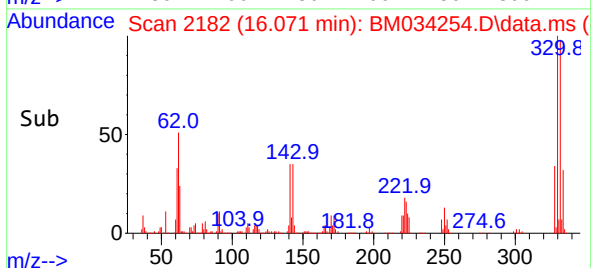
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

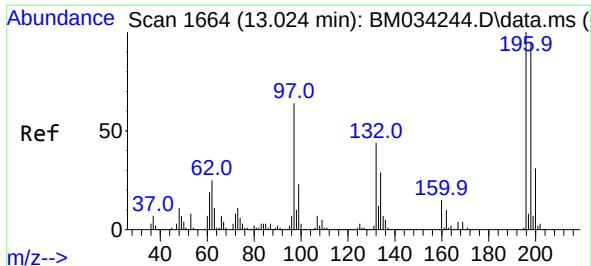


#42
2,4,6-Tribromophenol
Concen: 137.910 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



Tgt Ion:330 Resp: 705419
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 38.2 30.6 45.8





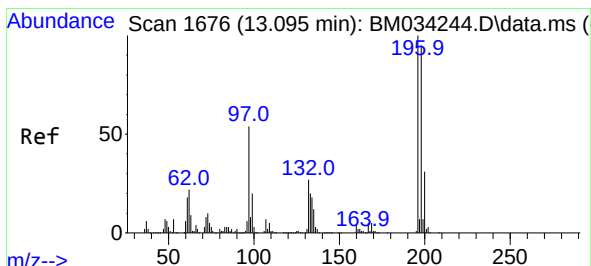
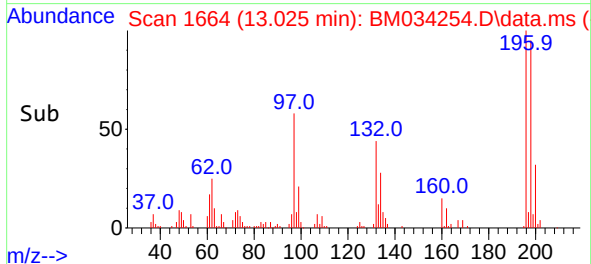
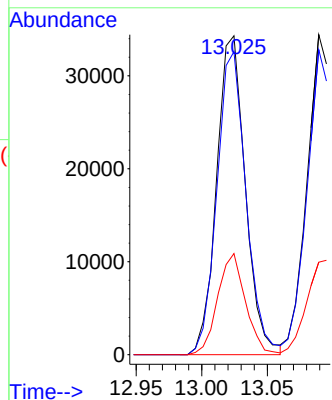
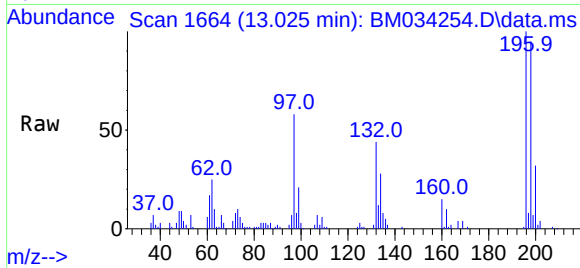
#43
2,4,6-Trichlorophenol
Concen: 6.623 ng
RT: 13.025 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:196 Resp: 5236
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
200 31.7 24.9 37.3

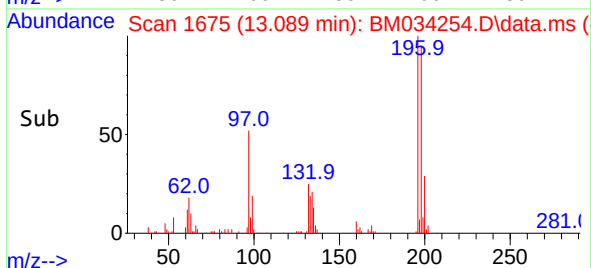
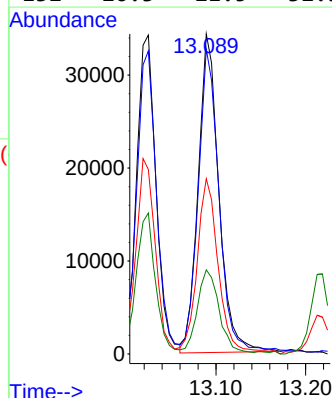
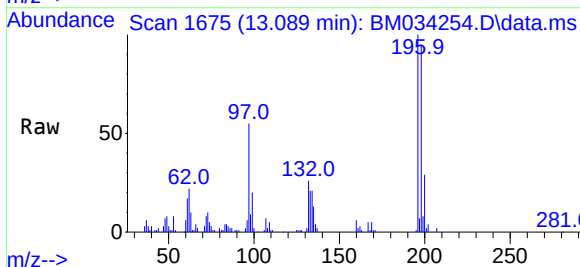
Manual Integrations
APPROVED

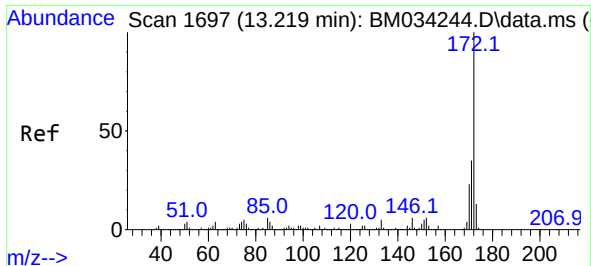
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#44
2,4,5-Trichlorophenol
Concen: 6.492 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

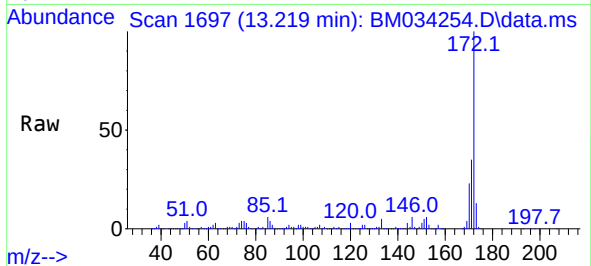
Tgt Ion:196 Resp: 55095
Ion Ratio Lower Upper
196 100
198 95.3 75.9 113.9
97 54.8 43.2 64.8
132 26.3 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 84.385 ng
RT: 13.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

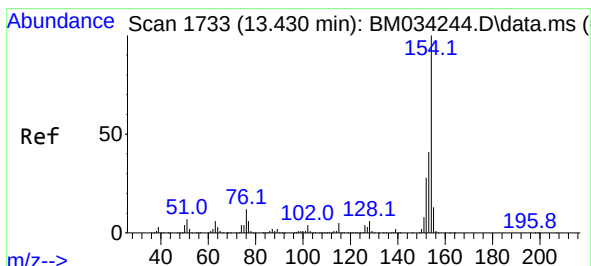
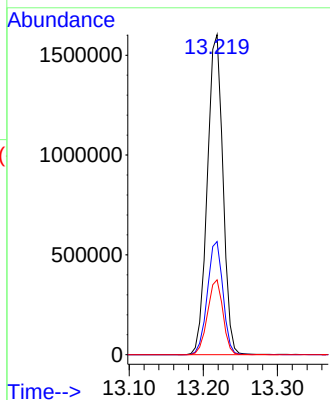
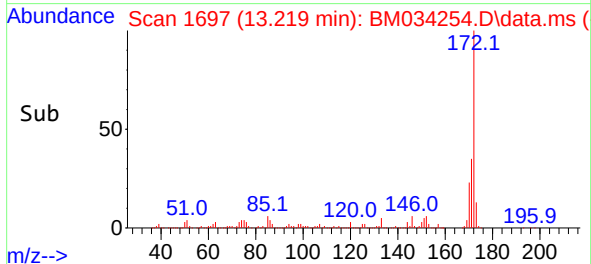
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



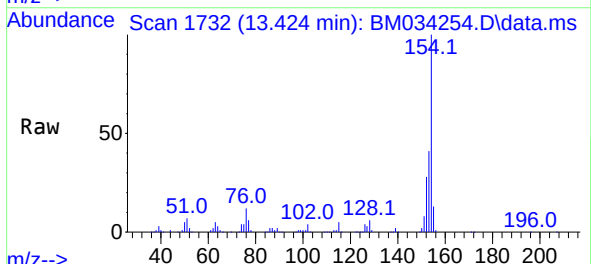
Tgt Ion:172 Resp: 234349
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.6 28.0

Manual Integrations
APPROVED

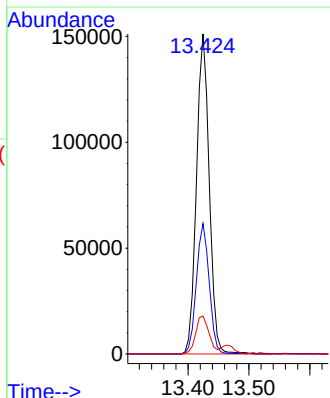
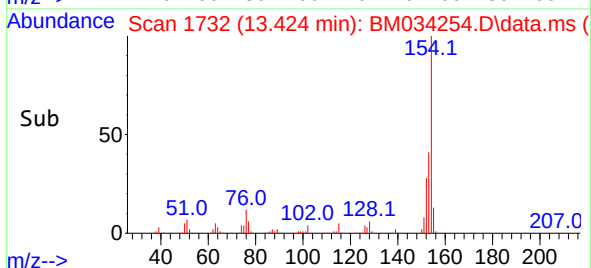
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

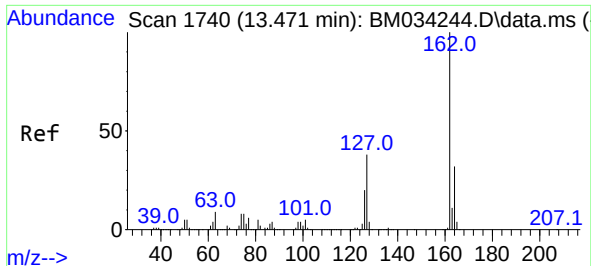


#46
1,1'-Biphenyl
Concen: 7.610 ng
RT: 13.424 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



Tgt Ion:154 Resp: 220213
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 11.8 0.0 32.1





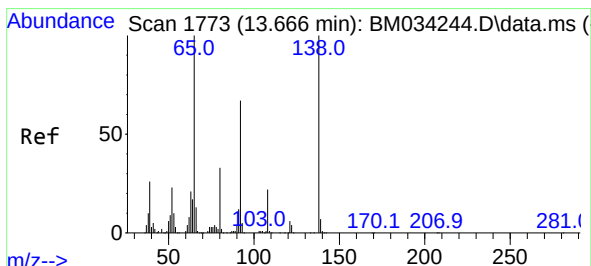
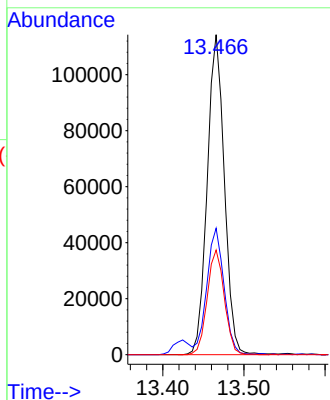
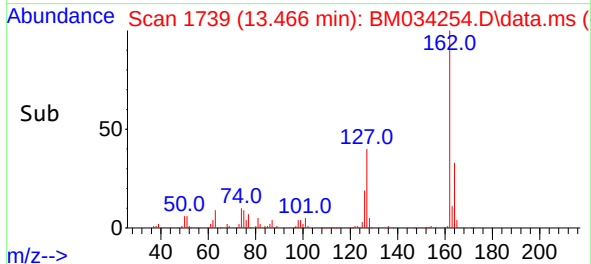
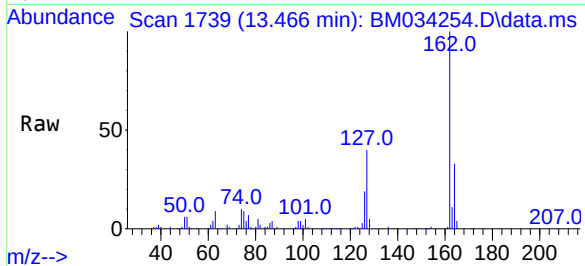
#47
2-Chloronaphthalene
Concen: 7.541 ng
RT: 13.466 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:162 Resp: 16750
Ion Ratio Lower Upper
162 100
127 39.5 30.4 45.6
164 32.7 25.8 38.8

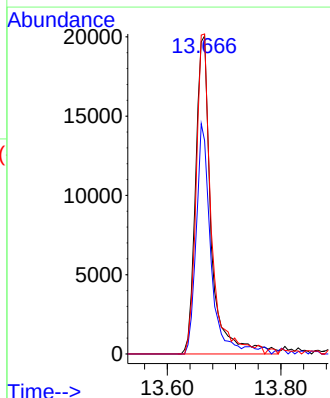
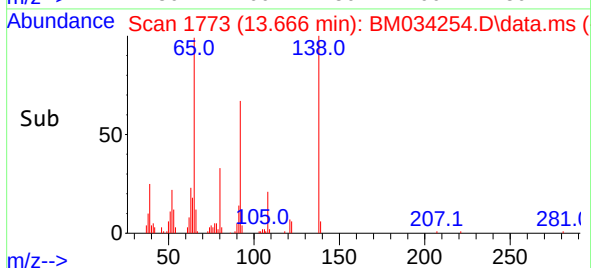
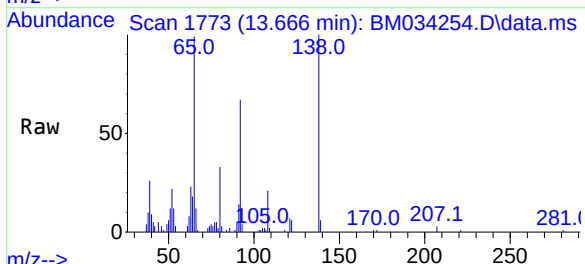
Manual Integrations
APPROVED

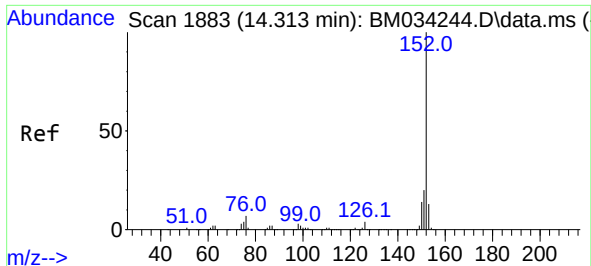
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#48
2-Nitroaniline
Concen: 5.659 ng
RT: 13.666 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 65 Resp: 38429
Ion Ratio Lower Upper
65 100
92 67.0 53.8 80.8
138 100.6 79.9 119.9





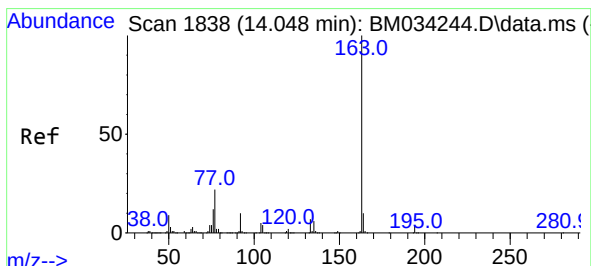
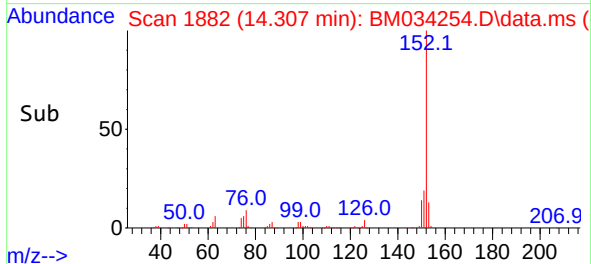
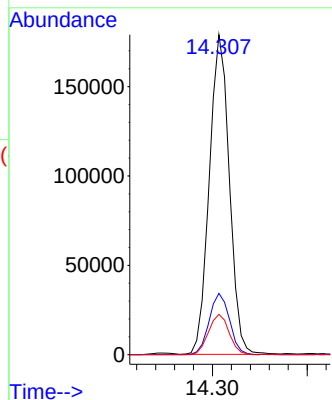
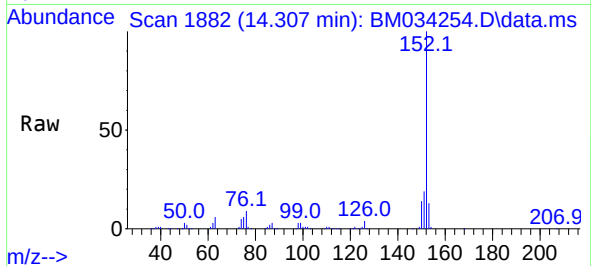
#49
Acenaphthylene
Concen: 7.579 ng
RT: 14.307 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:152 Resp: 262374
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.6 10.6 16.0

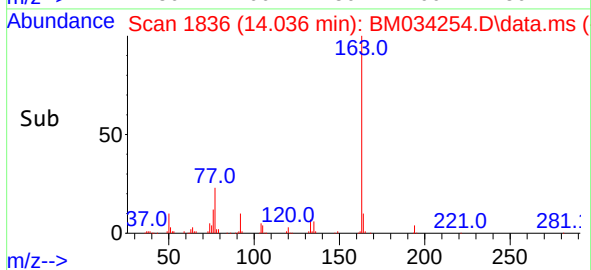
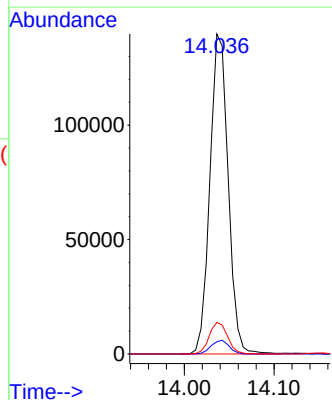
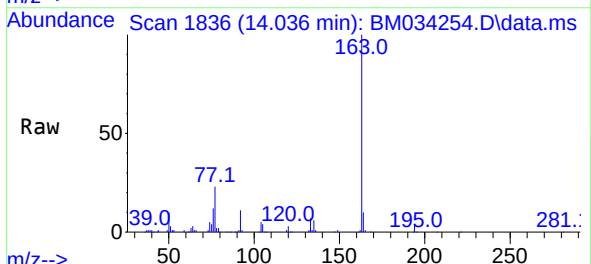
Manual Integrations
APPROVED

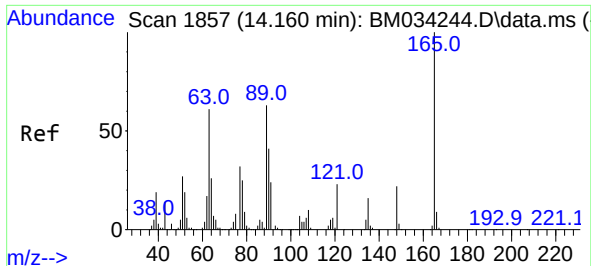
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#50
Dimethylphthalate
Concen: 6.843 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:163 Resp: 197660
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.1 12.1





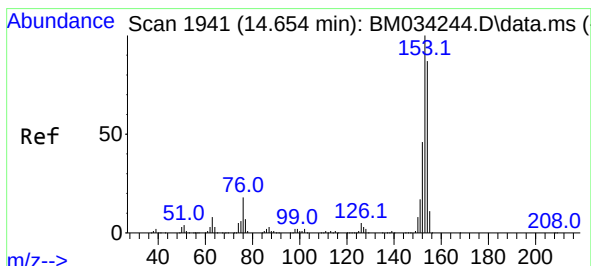
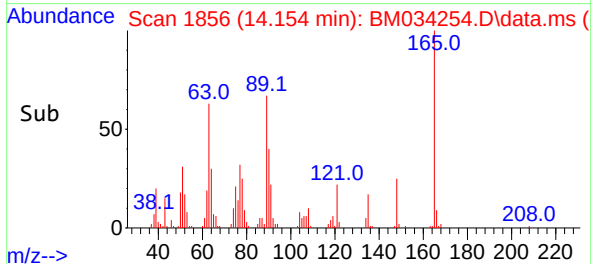
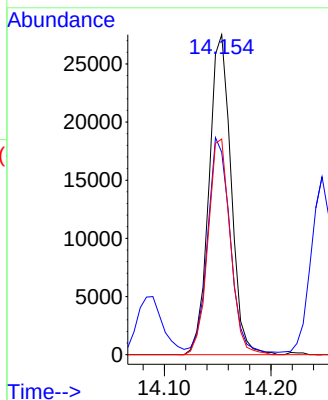
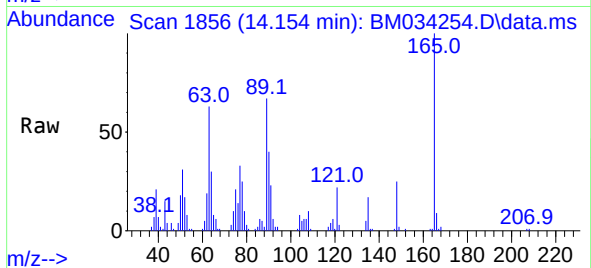
#51
2,6-Dinitrotoluene
Concen: 6.663 ng
RT: 14.154 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:165 Resp: 39474
Ion Ratio Lower Upper
165 100
63 63.3 51.9 77.9
89 67.4 50.6 76.0

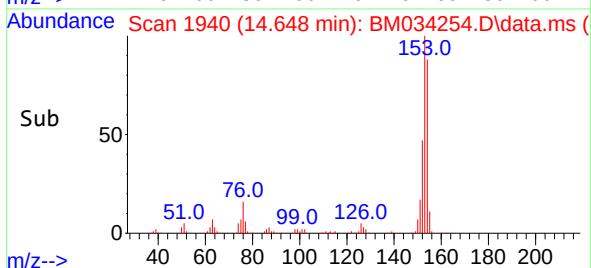
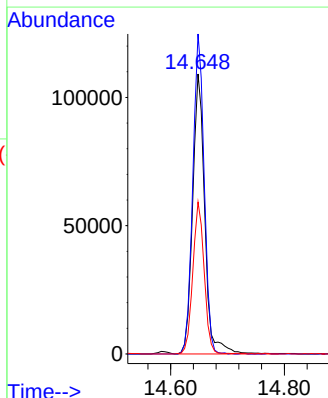
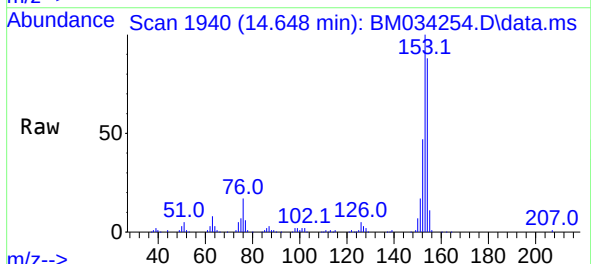
Manual Integrations
APPROVED

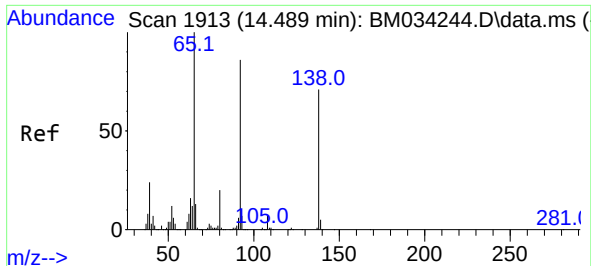
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#52
Acenaphthene
Concen: 6.980 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:154 Resp: 162766
Ion Ratio Lower Upper
154 100
153 114.3 91.8 137.8
152 54.2 42.6 64.0





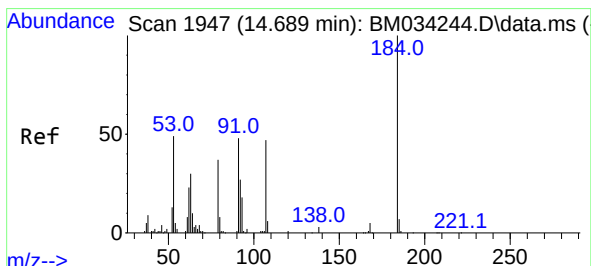
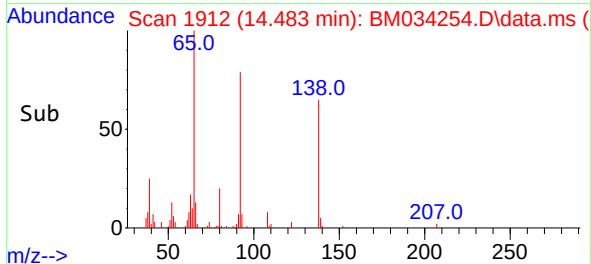
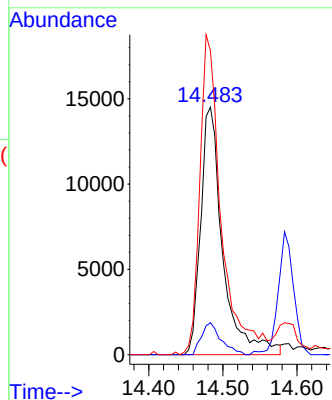
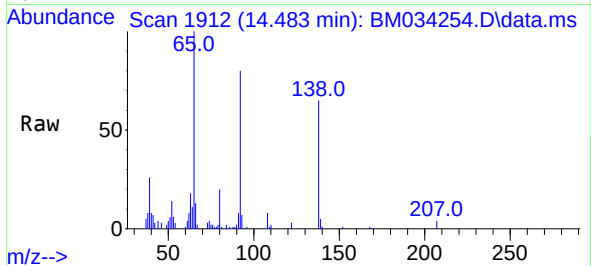
#53
3-Nitroaniline
Concen: 5.052 ng
RT: 14.483 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:138 Resp: 30020
Ion Ratio Lower Upper
138 100
108 12.9 8.3 12.5
92 122.7 97.6 146.4

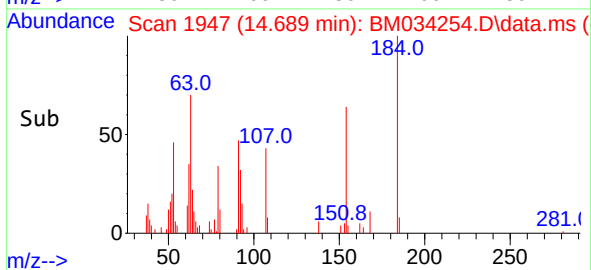
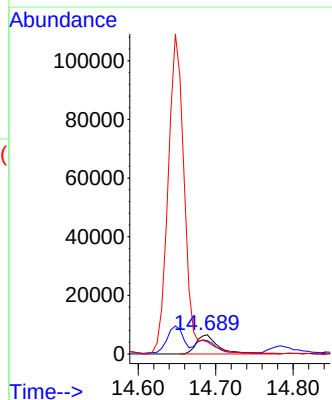
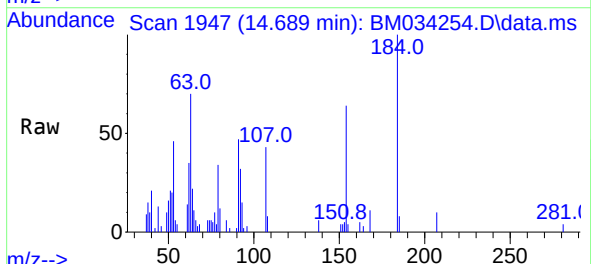
Manual Integrations
APPROVED

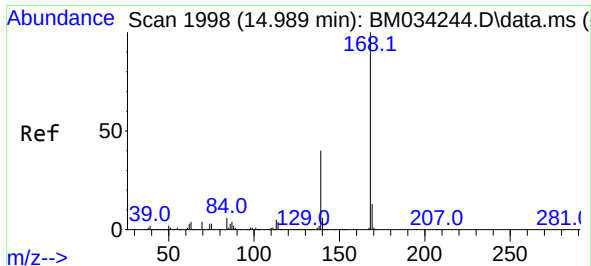
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#54
2,4-Dinitrophenol
Concen: 3.840 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

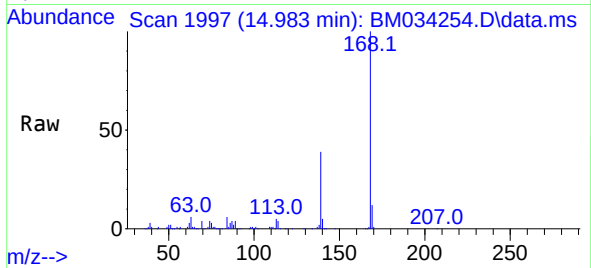
Tgt Ion:184 Resp: 12747
Ion Ratio Lower Upper
184 100
63 69.7 58.3 87.5
154 63.6 52.6 78.8





#55
Dibenzofuran
Concen: 7.075 ng
RT: 14.983 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

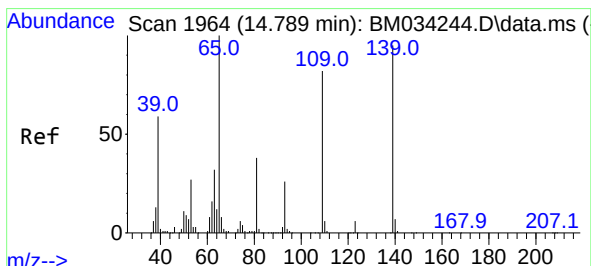
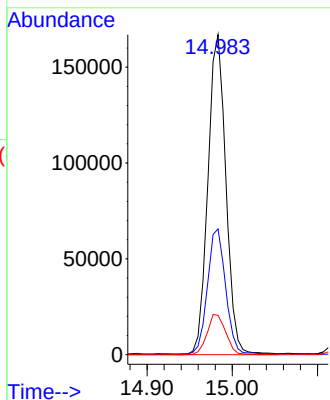
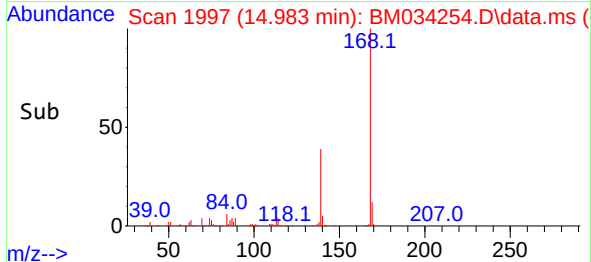
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



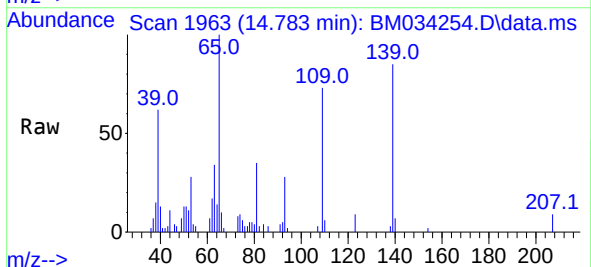
Tgt Ion:168 Resp: 24583
Ion Ratio Lower Upper
168 100
139 39.3 32.4 48.6
169 12.3 10.8 16.2

Manual Integrations
APPROVED

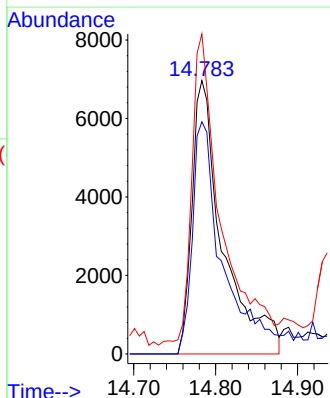
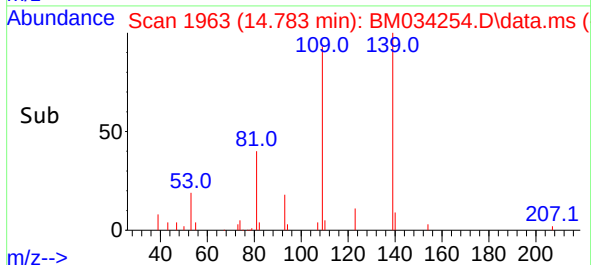
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

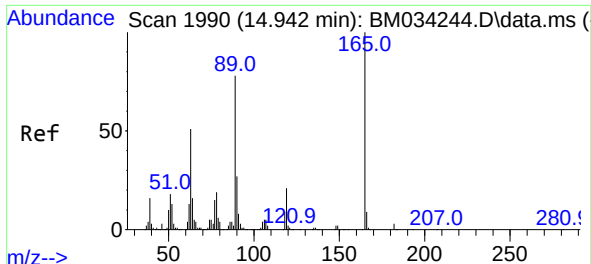


#56
4-Nitrophenol
Concen: 3.781 ng m
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



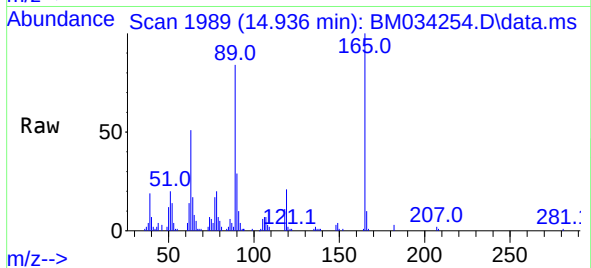
Tgt Ion:139 Resp: 18217
Ion Ratio Lower Upper
139 100
109 84.9 66.3 106.3
65 117.0 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 14.936 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

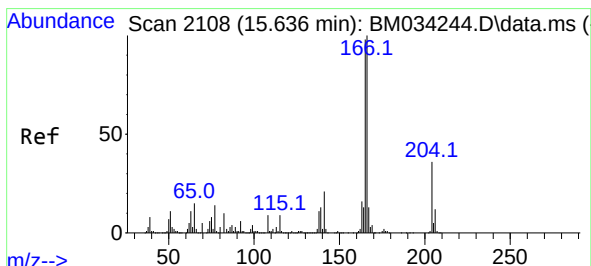
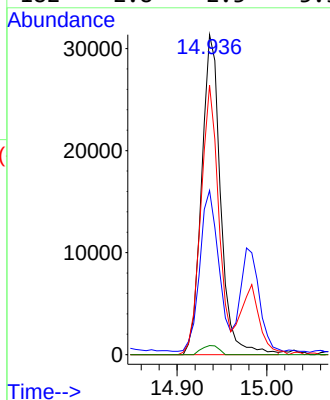
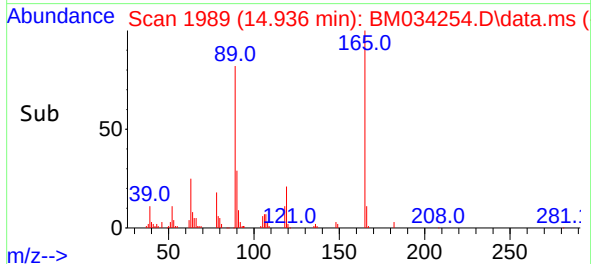
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:165 Resp: 46225
Ion Ratio Lower Upper
165 100
63 51.3 40.6 61.0
89 84.3 62.7 94.1
182 2.8 2.3 3.5

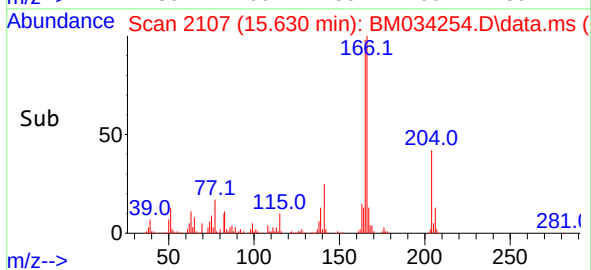
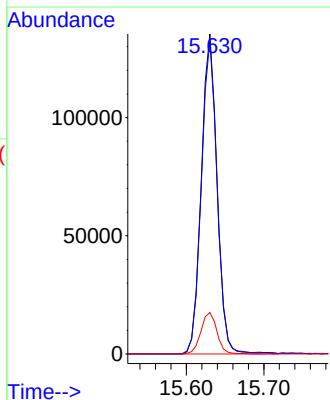
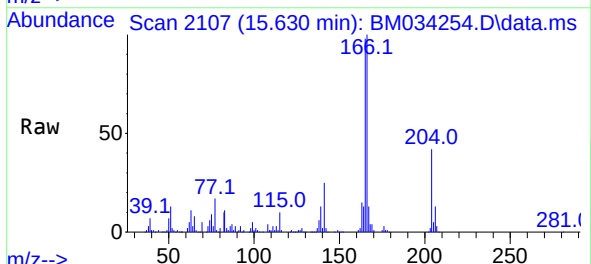
Manual Integrations
APPROVED

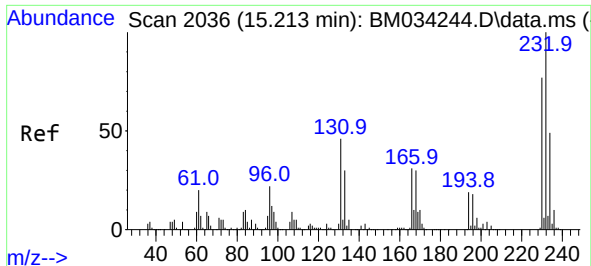
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#58
Fluorene
Concen: 6.771 ng
RT: 15.630 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

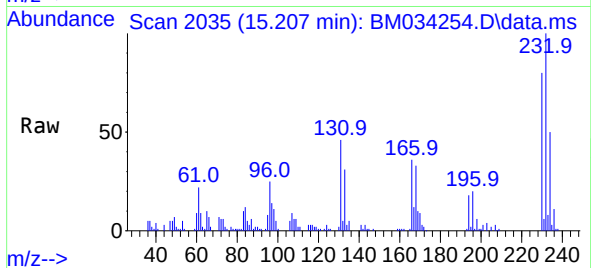
Tgt Ion:166 Resp: 191011
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.175 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

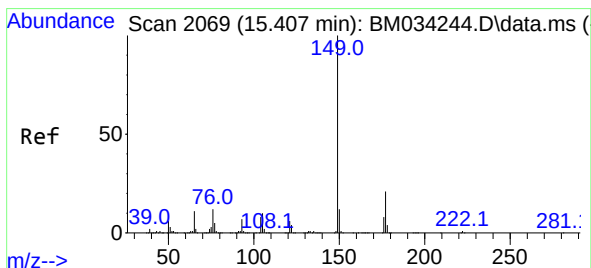
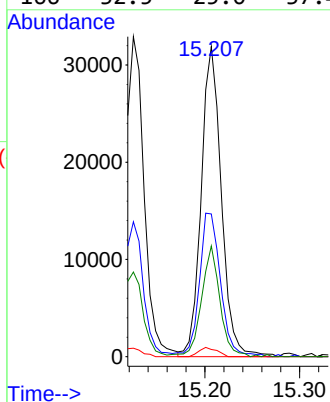
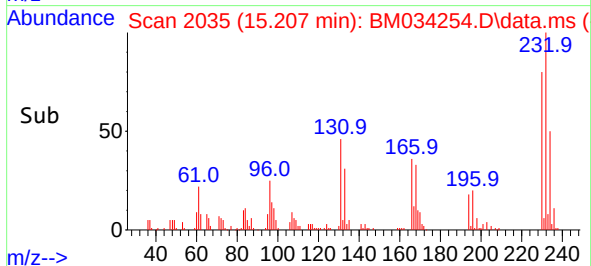
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



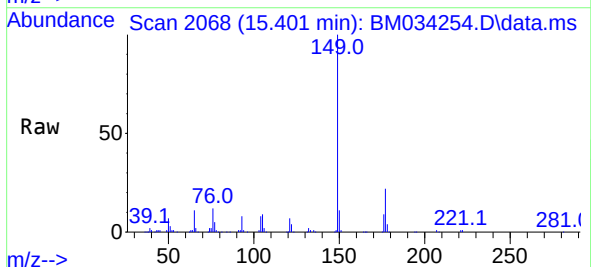
Tgt Ion:232 Resp: 4725
Ion Ratio Lower Upper
232 100
131 48.6 38.0 57.0
130 2.7 2.2 3.2
166 32.5 25.0 37.4

Manual Integrations
APPROVED

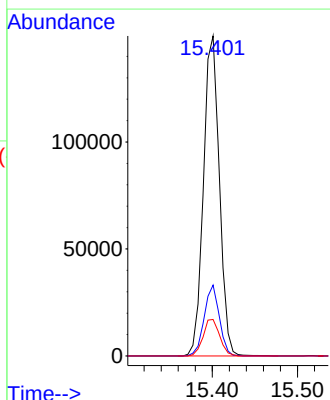
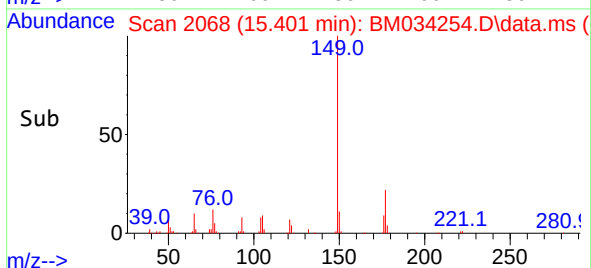
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

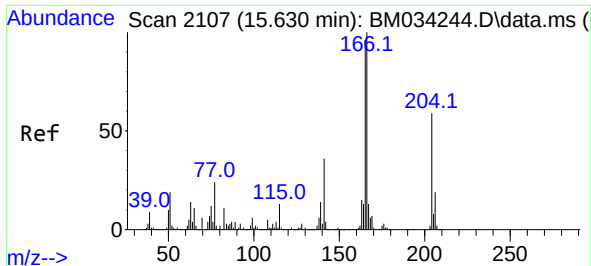


#60
Diethylphthalate
Concen: 6.545 ng
RT: 15.401 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



Tgt Ion:149 Resp: 193959
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 11.4 9.9 14.9





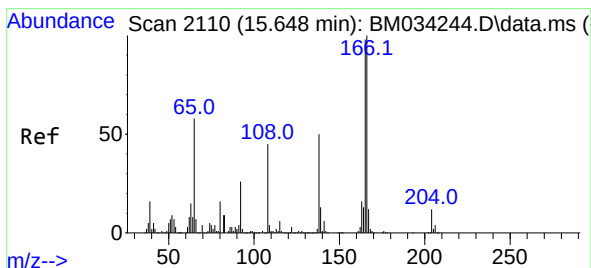
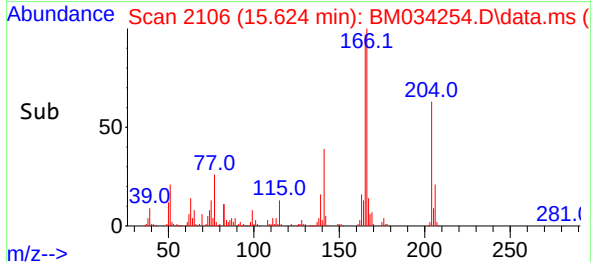
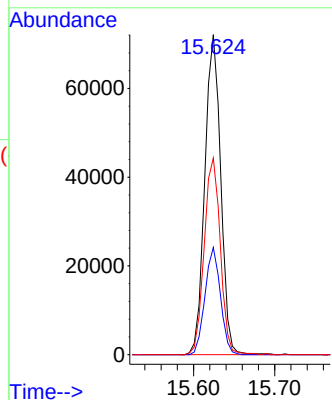
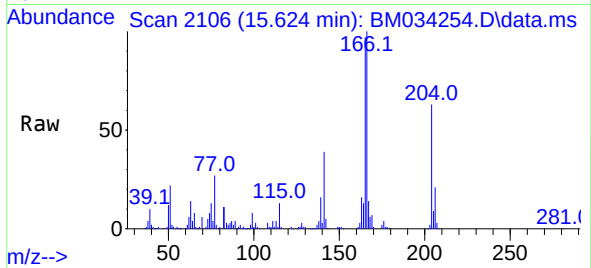
#61
4-Chlorophenyl-phenylether
Concen: 6.810 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:204 Resp: 9807
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 61.4 49.4 74.2

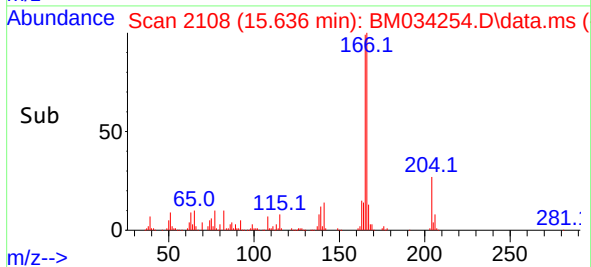
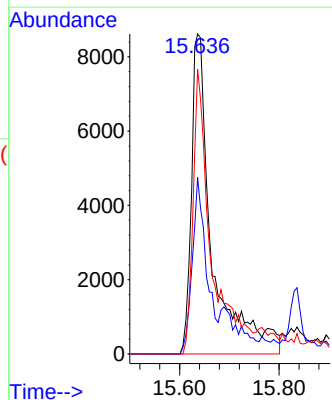
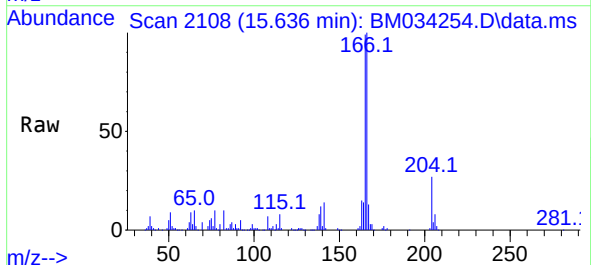
Manual Integrations
APPROVED

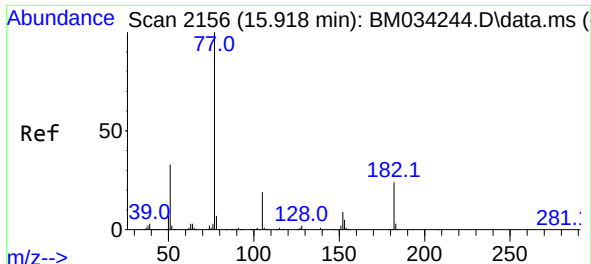
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#62
4-Nitroaniline
Concen: 4.415 ng m
RT: 15.636 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

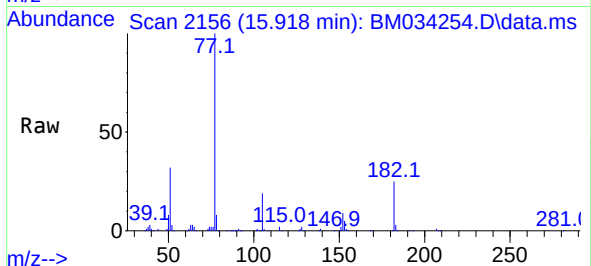
Tgt Ion:138 Resp: 25243
Ion Ratio Lower Upper
138 100
92 55.2 32.6 72.6
108 89.0 69.8 109.8





#63
Azobenzene
Concen: 6.487 ng
RT: 15.918 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

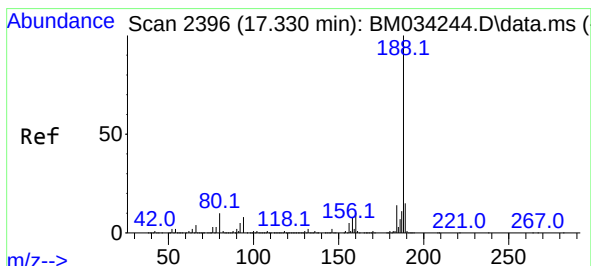
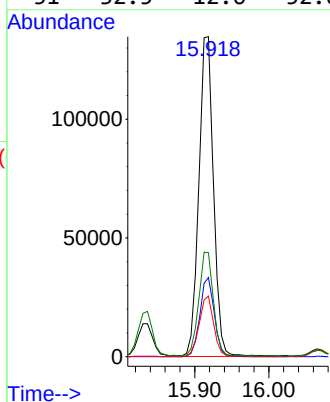
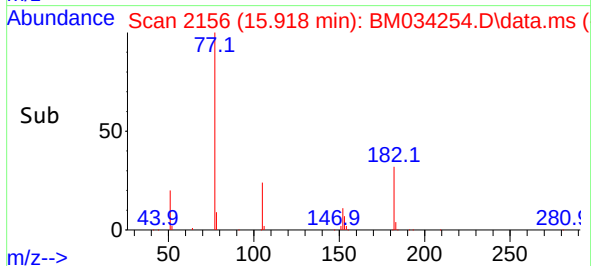
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



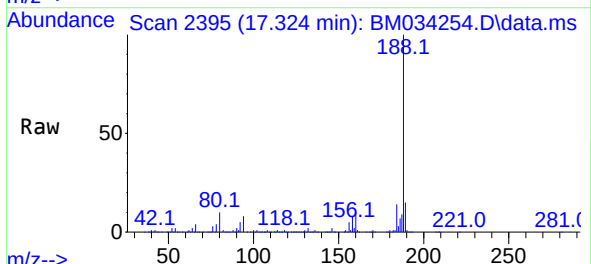
Tgt Ion: 77 Resp: 185358
Ion Ratio Lower Upper
77 100
182 24.7 4.4 44.4
105 18.9 0.0 38.7
51 32.5 12.6 52.6

Manual Integrations
APPROVED

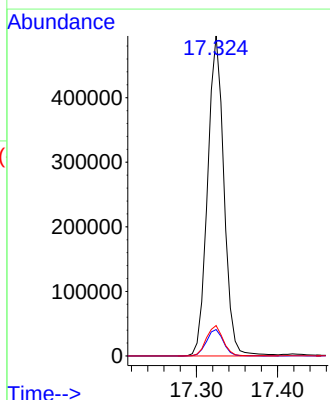
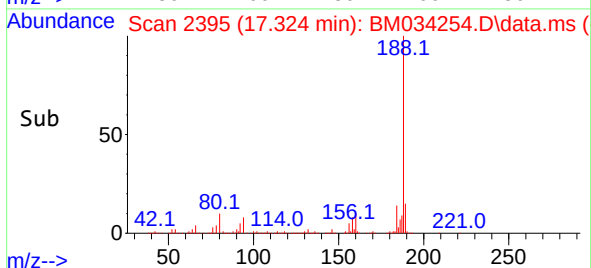
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

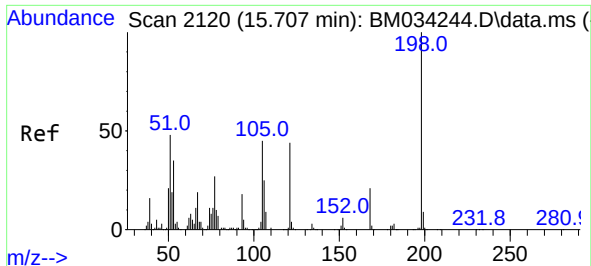


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



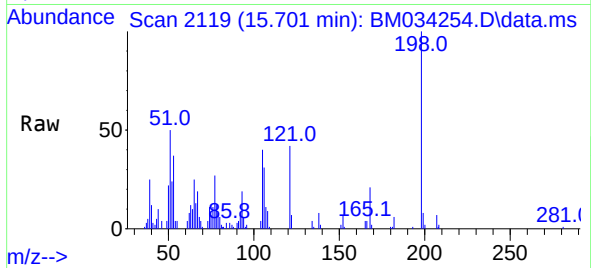
Tgt Ion:188 Resp: 692493
Ion Ratio Lower Upper
188 100
94 8.3 6.6 9.8
80 9.5 7.8 11.8





#65
4,6-Dinitro-2-methylphenol
Concen: 4.701 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

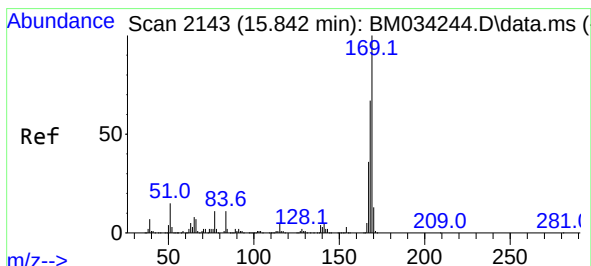
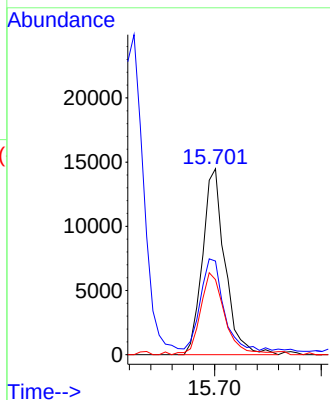
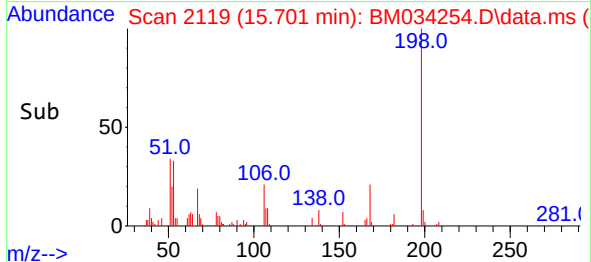
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



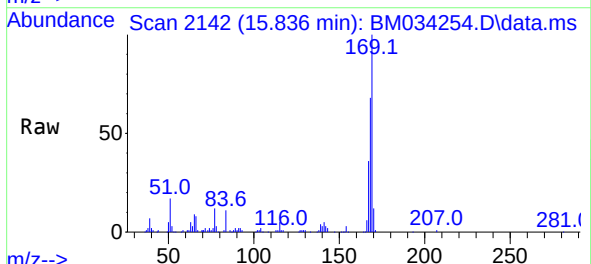
Tgt Ion:198 Resp: 2116
Ion Ratio Lower Upper
198 100
51 50.4 29.0 69.0
105 40.4 25.3 65.3

Manual Integrations
APPROVED

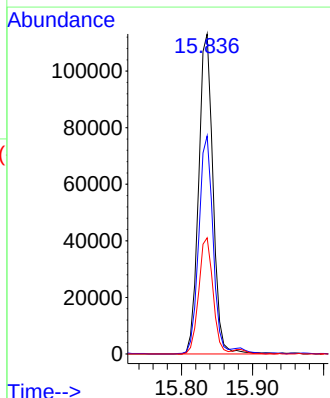
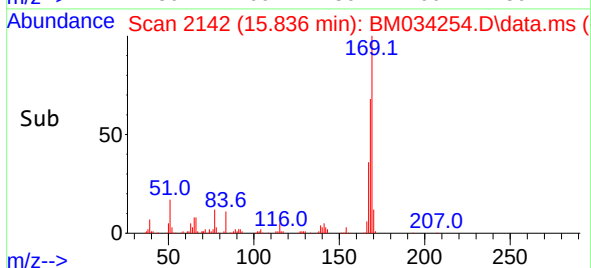
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

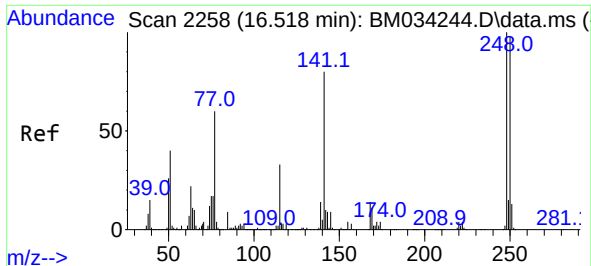


#66
n-Nitrosodiphenylamine
Concen: 7.242 ng
RT: 15.836 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



Tgt Ion:169 Resp: 159327
Ion Ratio Lower Upper
169 100
168 68.1 53.9 80.9
167 36.3 29.0 43.4





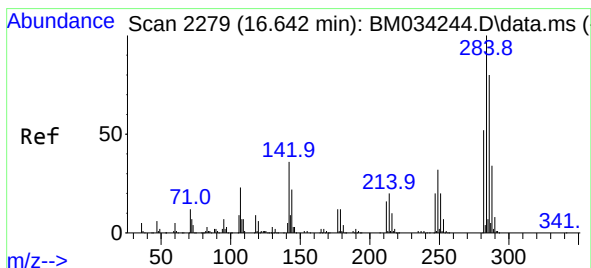
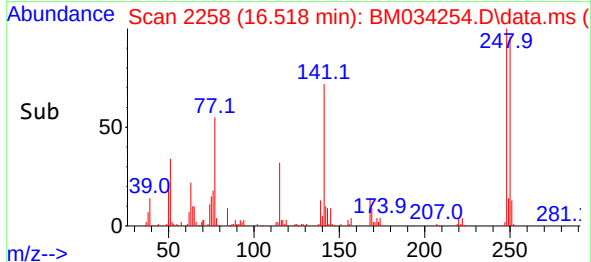
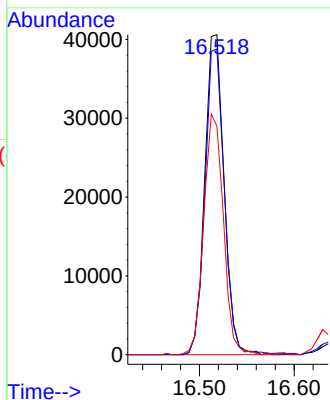
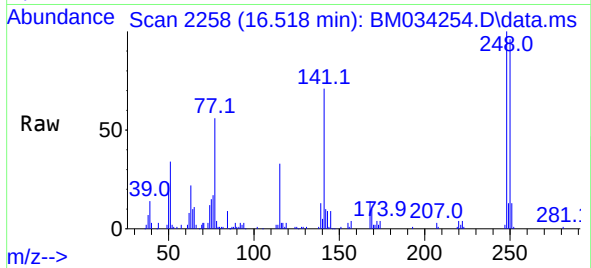
#67
4-Bromophenyl-phenylether
Concen: 7.192 ng
RT: 16.518 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:248 Resp: 5725
Ion Ratio Lower Upper
248 100
250 95.5 78.0 117.0
141 71.4 63.8 95.6

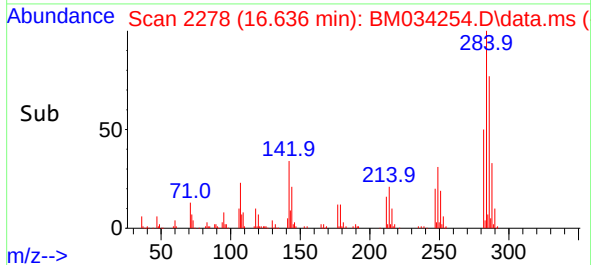
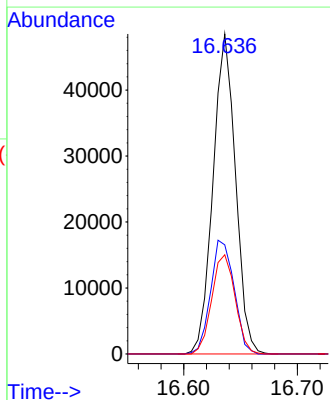
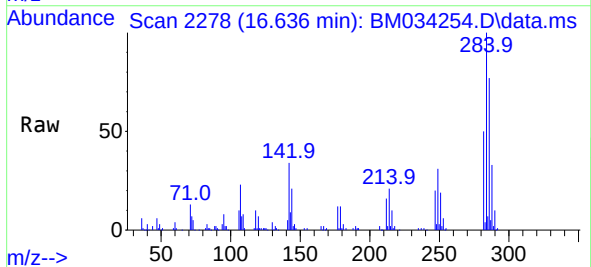
Manual Integrations
APPROVED

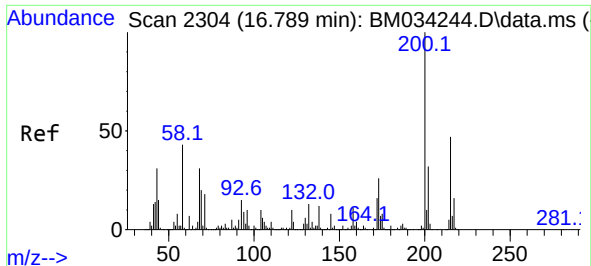
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#68
Hexachlorobenzene
Concen: 7.514 ng
RT: 16.636 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

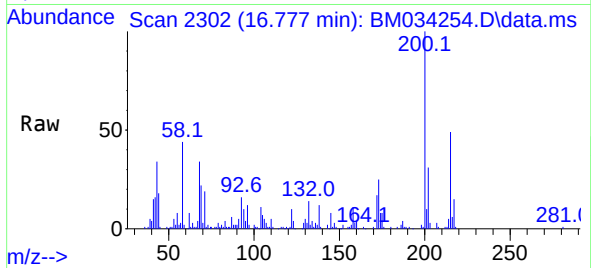
Tgt Ion:284 Resp: 66719
Ion Ratio Lower Upper
284 100
142 34.1 28.9 43.3
249 31.0 25.4 38.0





#69
Atrazine
Concen: 7.231 ng
RT: 16.777 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

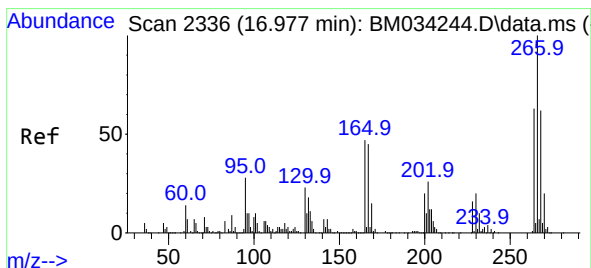
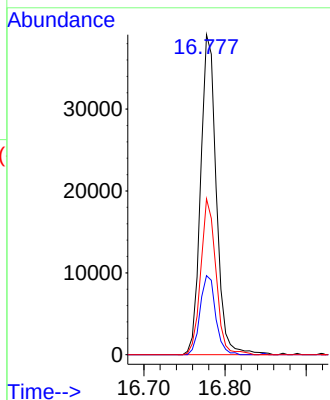
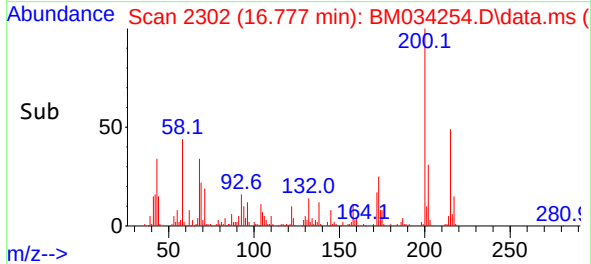
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



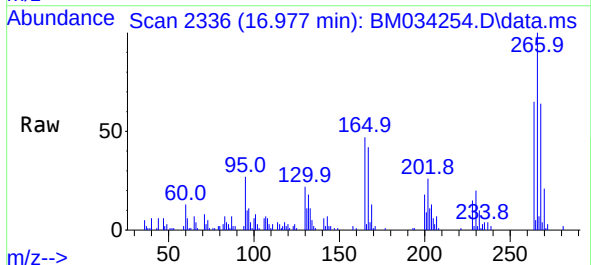
Tgt Ion:200 Resp: 52438
Ion Ratio Lower Upper
200 100
173 24.7 6.1 46.1
215 48.7 27.4 67.4

Manual Integrations
APPROVED

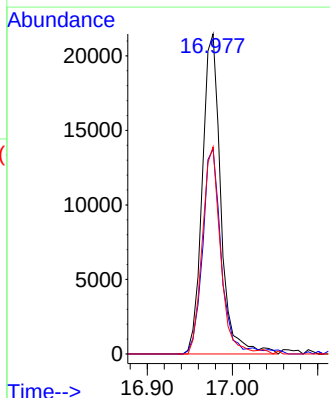
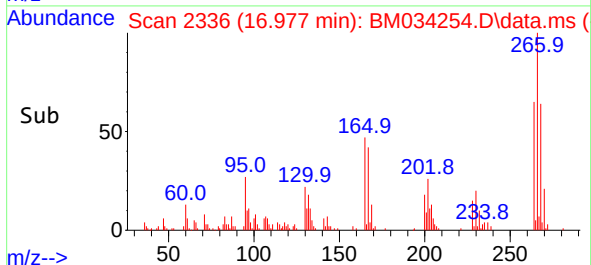
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

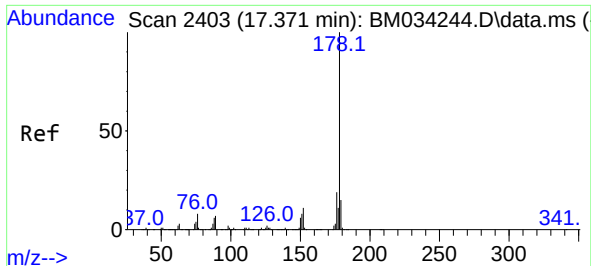


#70
Pentachlorophenol
Concen: 5.695 ng
RT: 16.977 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



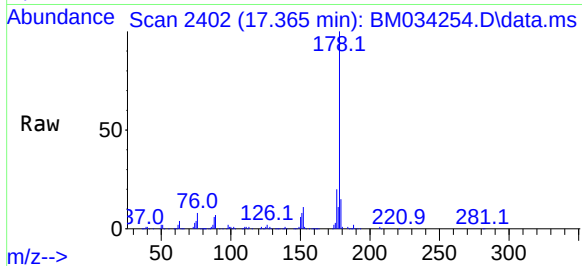
Tgt Ion:266 Resp: 32339
Ion Ratio Lower Upper
266 100
268 68.1 49.8 74.8
264 64.7 50.3 75.5





#71
Phenanthrene
Concen: 7.227 ng
RT: 17.365 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

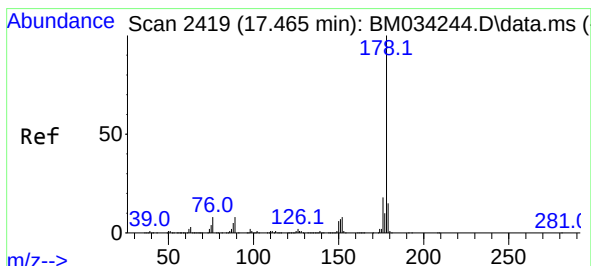
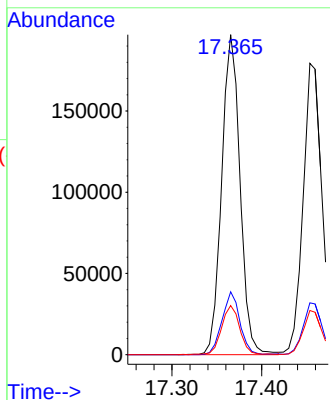
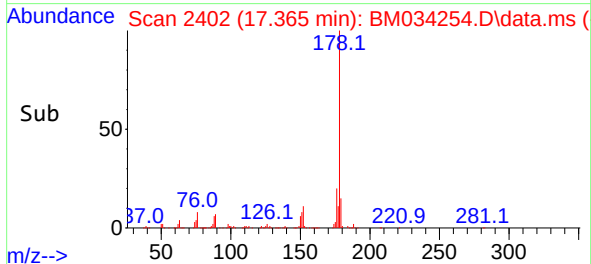
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



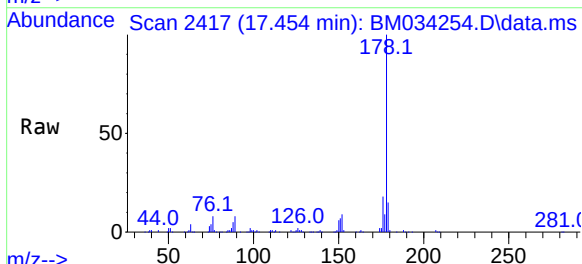
Tgt Ion:178 Resp: 280258
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 15.3 12.2 18.4

Manual Integrations
APPROVED

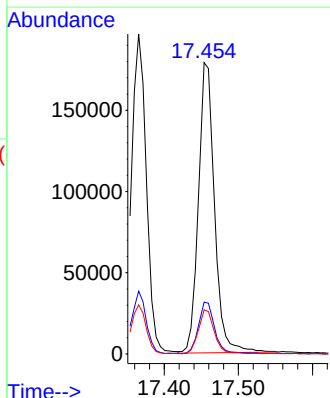
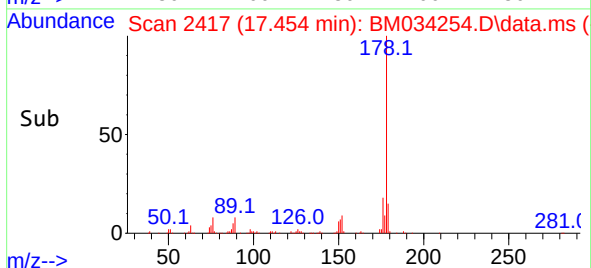
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

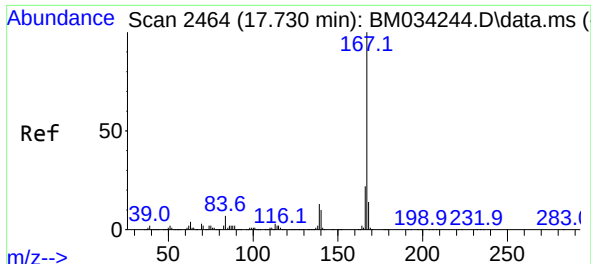


#72
Anthracene
Concen: 7.140 ng
RT: 17.454 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



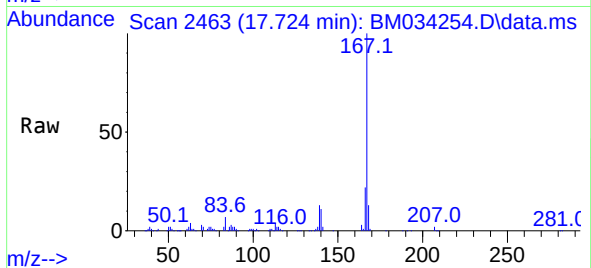
Tgt Ion:178 Resp: 269517
Ion Ratio Lower Upper
178 100
176 17.8 14.6 22.0
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 5.845 ng
 RT: 17.724 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

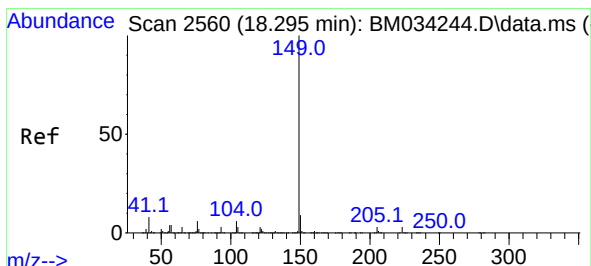
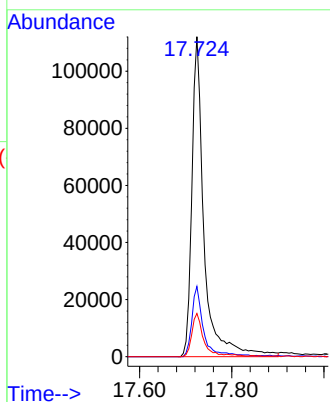
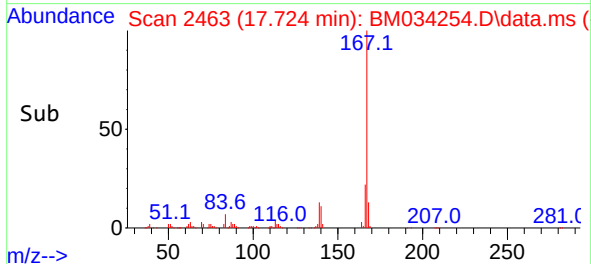
Instrument : BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



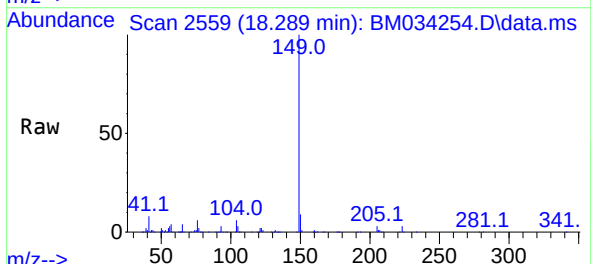
Tgt Ion:167 Resp: 205779
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.5 10.4 15.6

Manual Integrations
 APPROVED

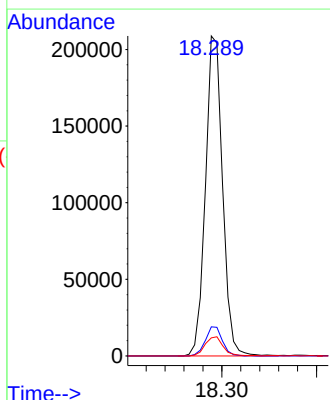
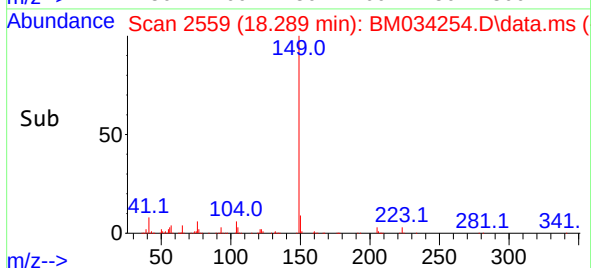
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

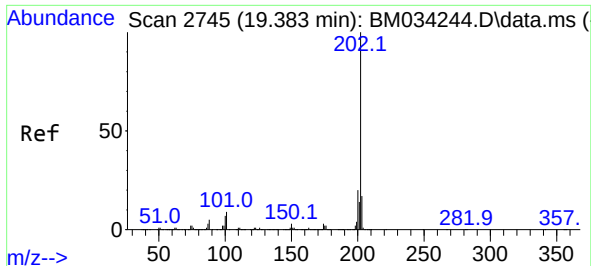


#74
 Di-n-butylphthalate
 Concen: 5.995 ng
 RT: 18.289 min Scan# 2559
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50



Tgt Ion:149 Resp: 262382
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 5.7 4.7 7.1





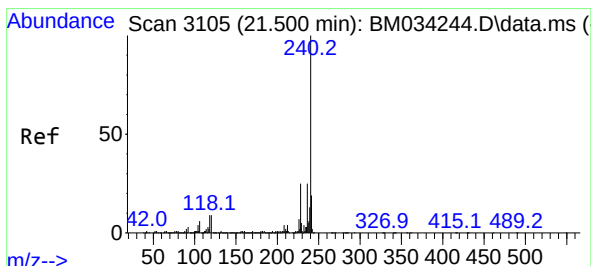
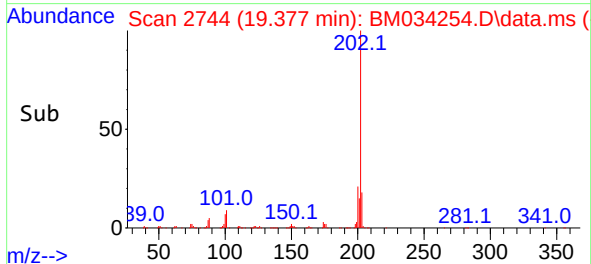
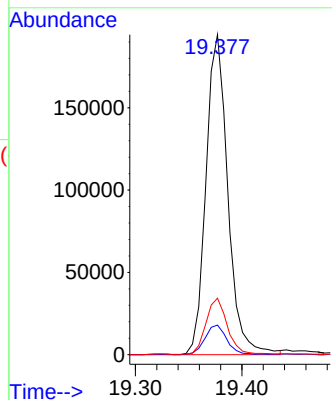
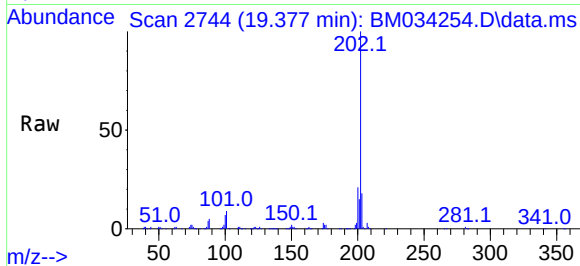
#75
Fluoranthene
Concen: 6.396 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:202 Resp: 27805
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 17.7 0.0 37.1

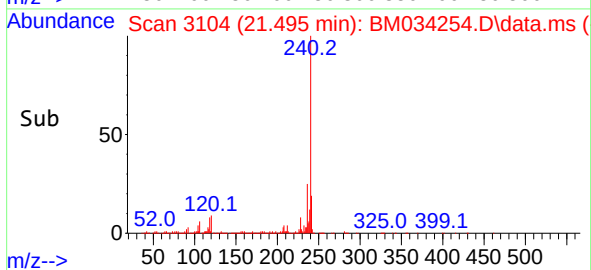
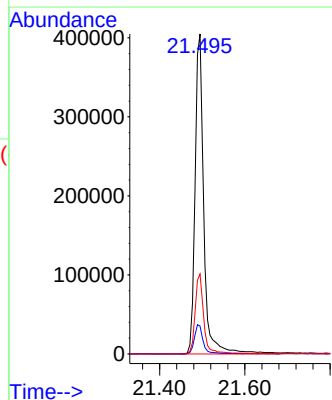
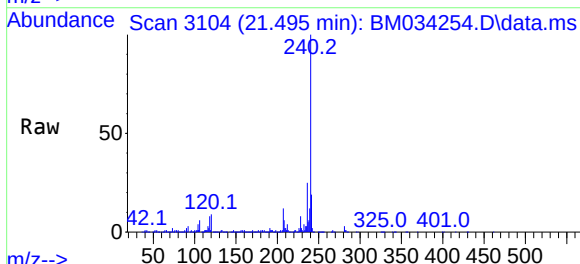
Manual Integrations
APPROVED

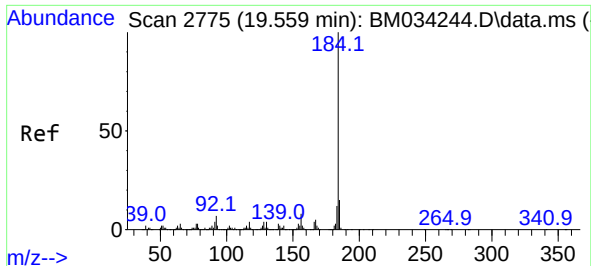
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:240 Resp: 577452
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.0 20.2 30.2





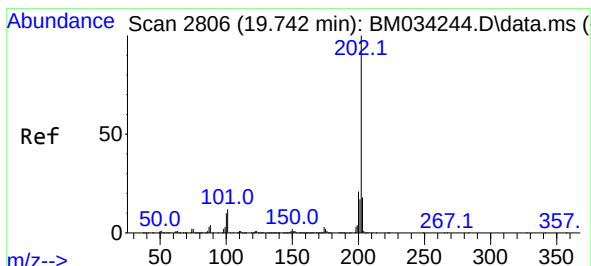
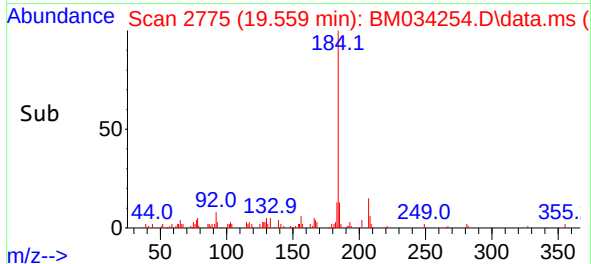
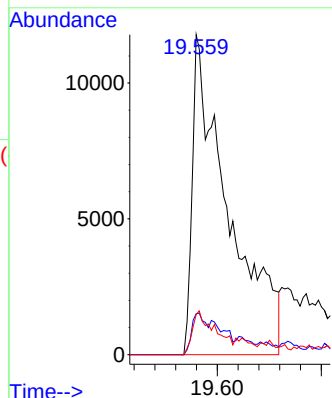
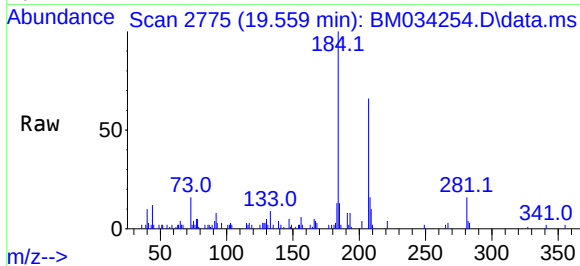
#77
Benzidine
Concen: 6.644 ng m
RT: 19.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:184 Resp: 56224
Ion Ratio Lower Upper
184 100
185 12.8 11.7 17.5
183 12.6 9.8 14.6

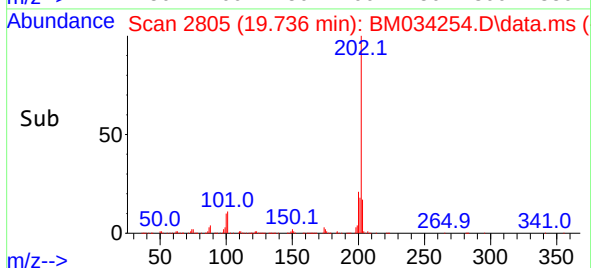
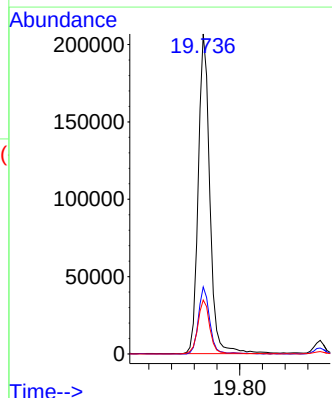
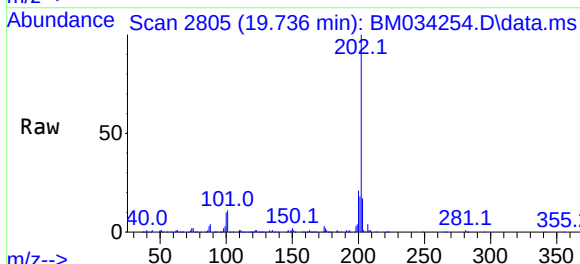
Manual Integrations
APPROVED

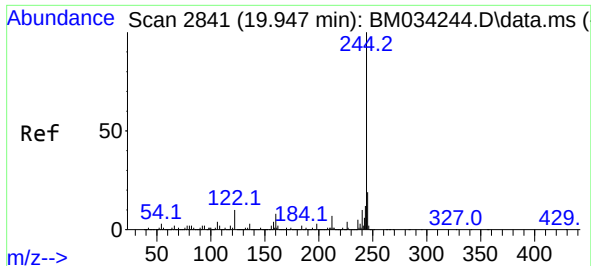
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#78
Pyrene
Concen: 7.212 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

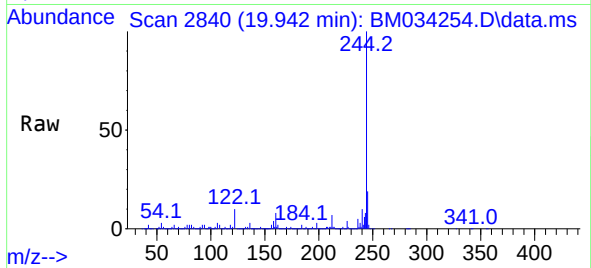
Tgt Ion:202 Resp: 293404
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 16.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 84.006 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

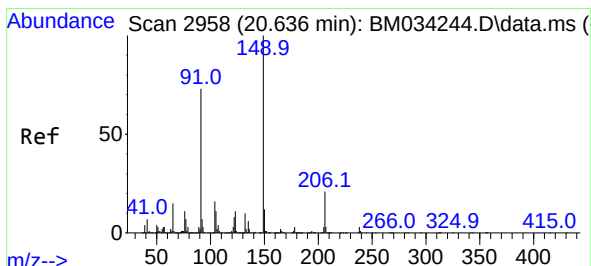
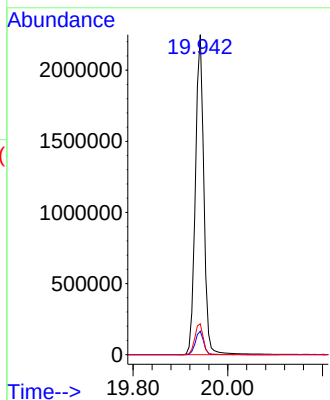
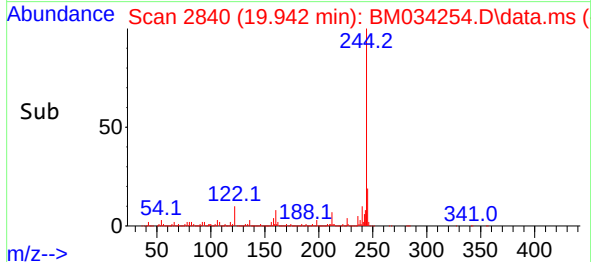
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



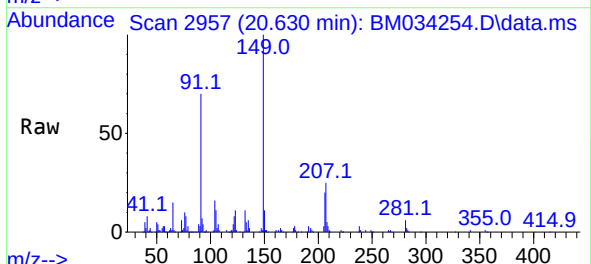
Tgt Ion:244 Resp: 2791719
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.6 7.8 11.8

Manual Integrations
 APPROVED

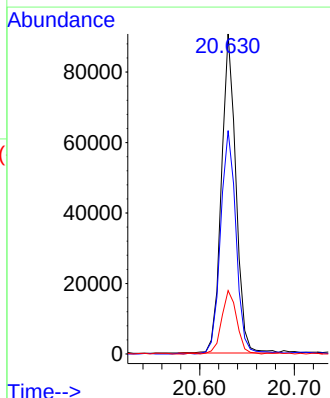
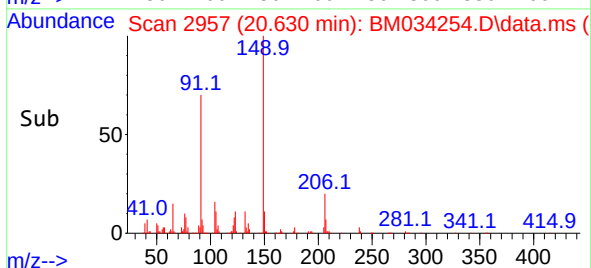
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

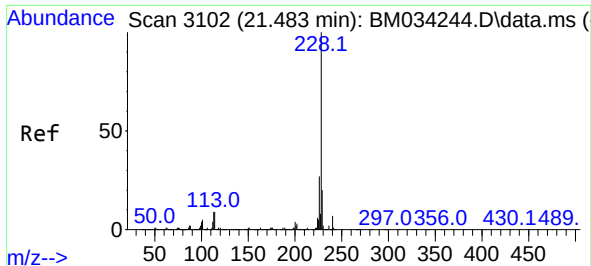


#80
 Butylbenzylphthalate
 Concen: 5.617 ng
 RT: 20.630 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50



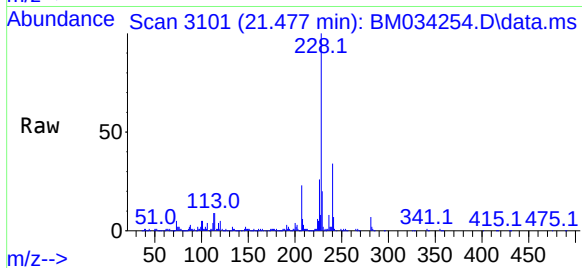
Tgt Ion:149 Resp: 96651
 Ion Ratio Lower Upper
 149 100
 91 69.8 58.5 87.7
 206 19.8 16.9 25.3





#81
Benzo(a)anthracene
Concen: 6.900 ng
RT: 21.477 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

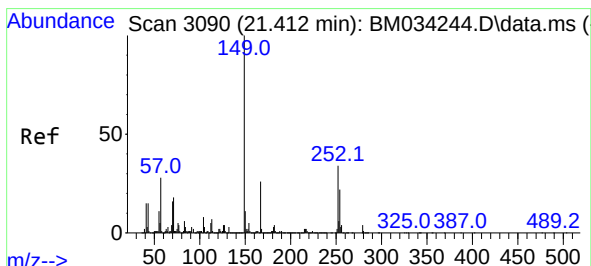
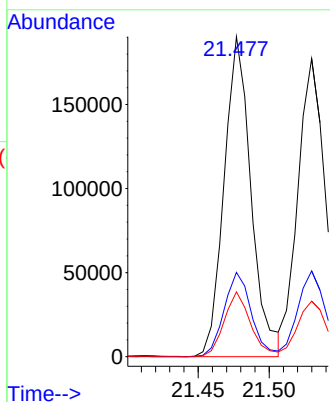
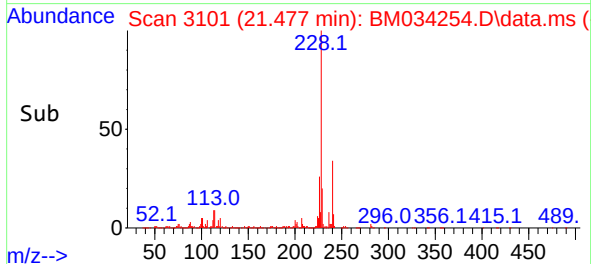
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:228 Resp: 25148
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 20.3 15.8 23.6

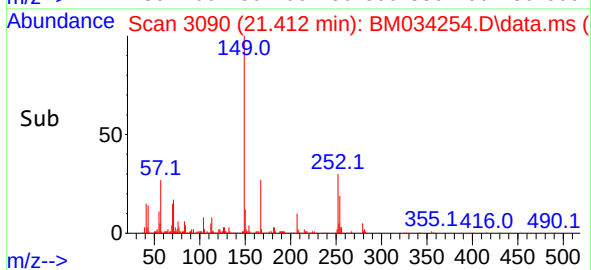
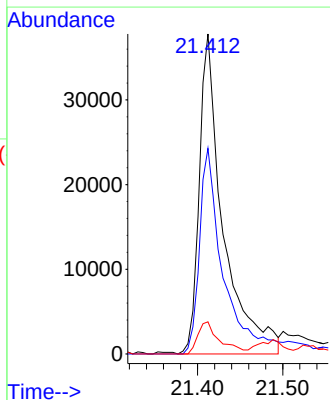
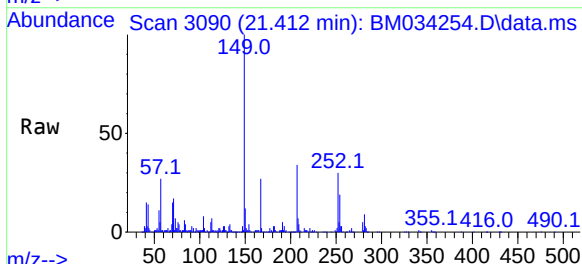
Manual Integrations
APPROVED

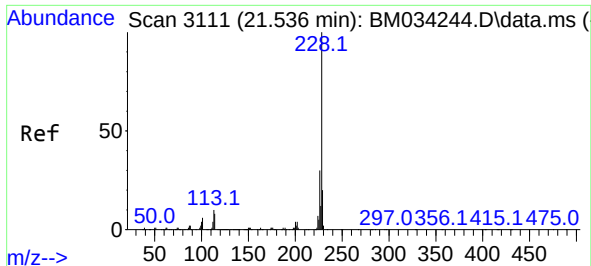
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 6.020 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

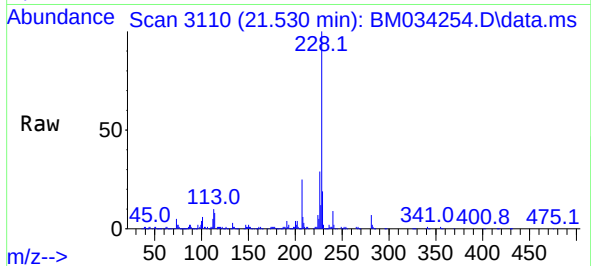
Tgt Ion:252 Resp: 73282
Ion Ratio Lower Upper
252 100
254 64.2 50.9 76.3
126 10.0 8.6 12.8





#83
Chrysene
Concen: 6.944 ng
RT: 21.530 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

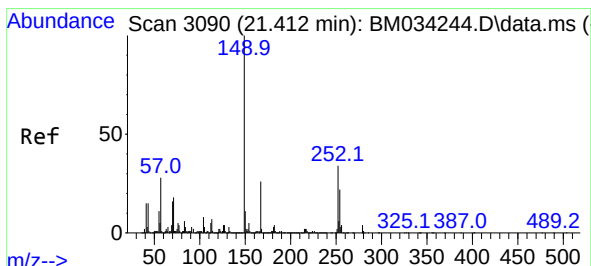
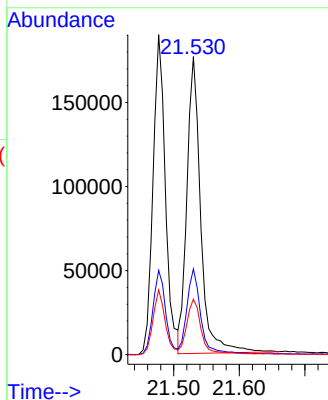
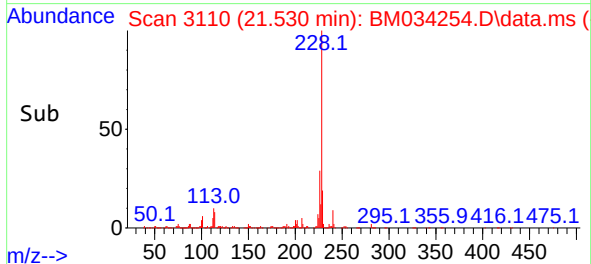
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



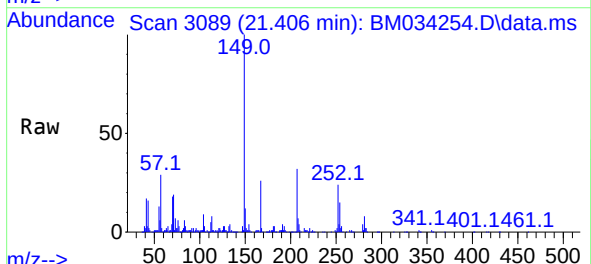
Tgt Ion:228 Resp: 258458
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.6
229 18.6 15.6 23.4

Manual Integrations
APPROVED

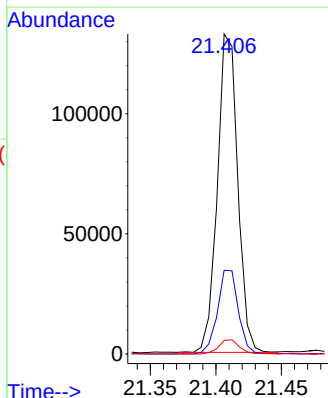
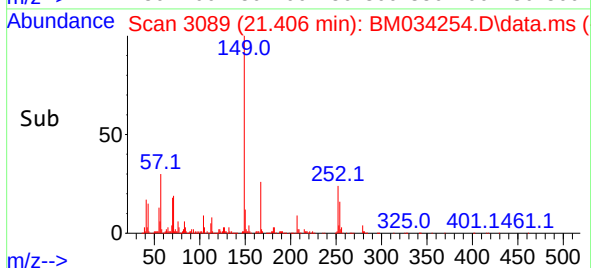
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

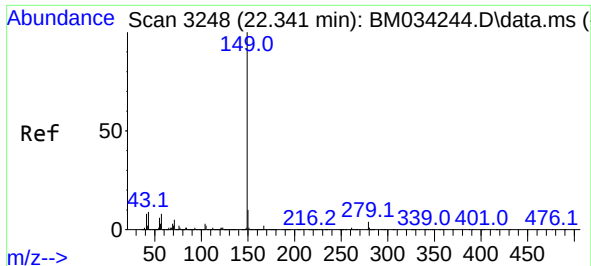


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.631 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



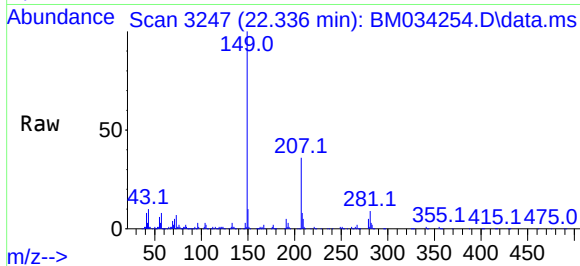
Tgt Ion:149 Resp: 143078
Ion Ratio Lower Upper
149 100
167 26.2 21.2 31.8
279 4.2 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 5.797 ng
RT: 22.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

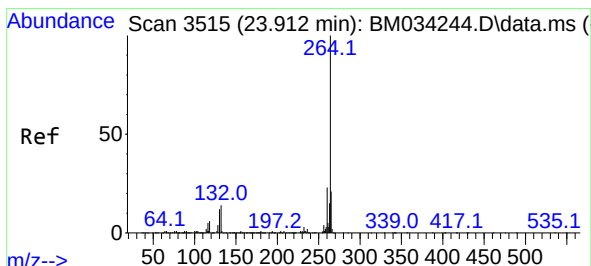
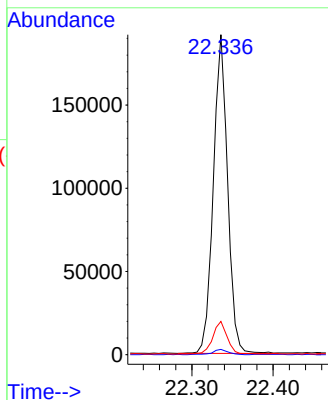
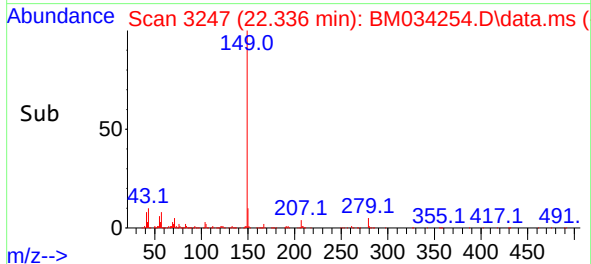
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:149 Resp: 23379
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.4 7.8 11.8

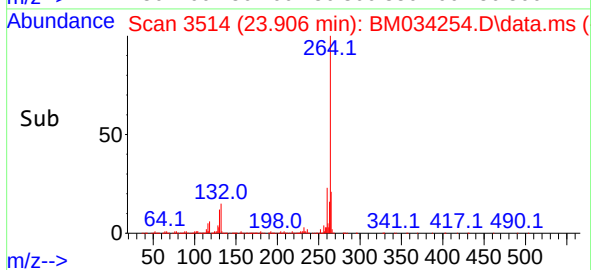
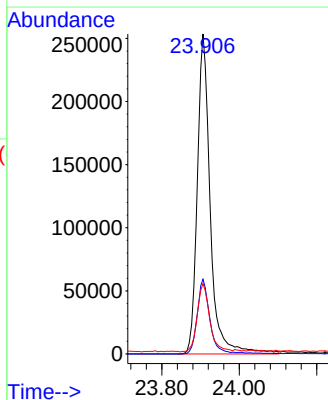
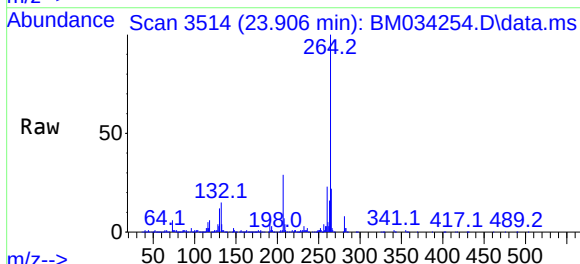
Manual Integrations
APPROVED

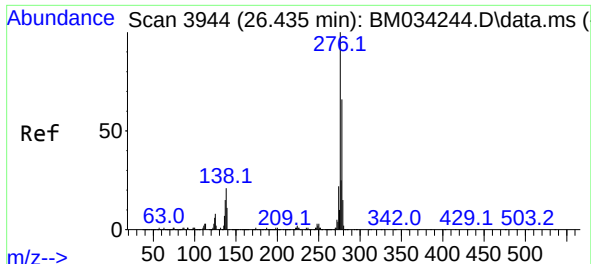
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.906 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:264 Resp: 587996
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.0 17.6 26.4





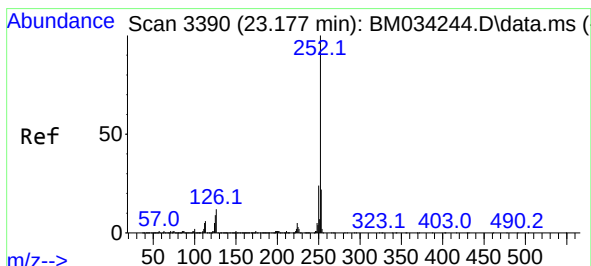
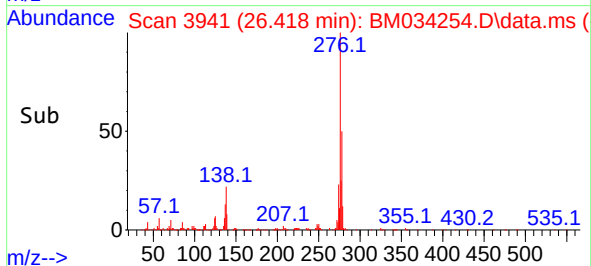
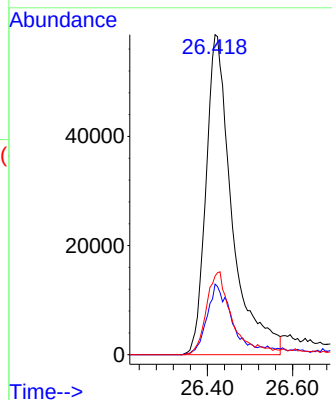
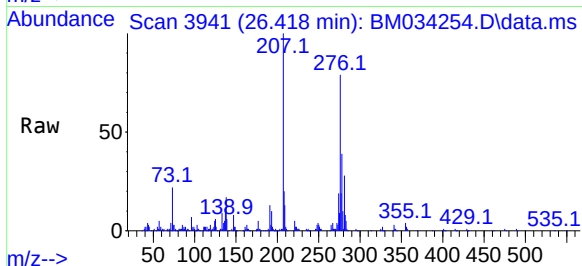
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.583 ng
RT: 26.418 min Scan# 3944
Delta R.T. -0.018 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:276 Resp: 24898
Ion Ratio Lower Upper
276 100
138 20.9 16.6 25.0
277 24.1 19.8 29.6

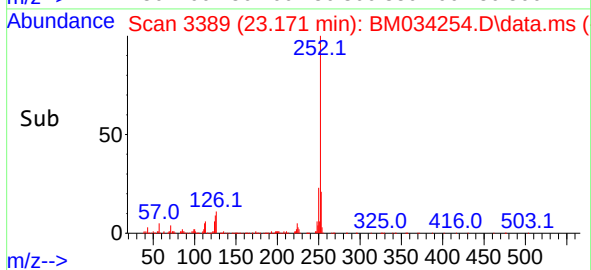
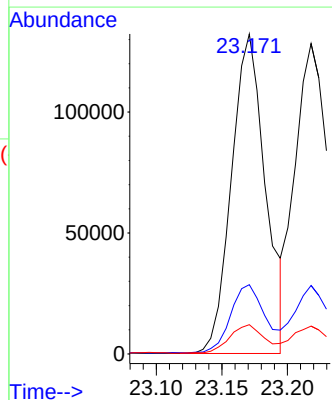
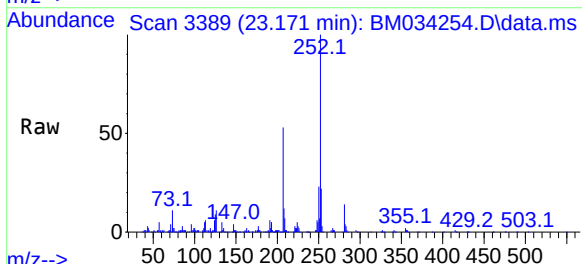
Manual Integrations
APPROVED

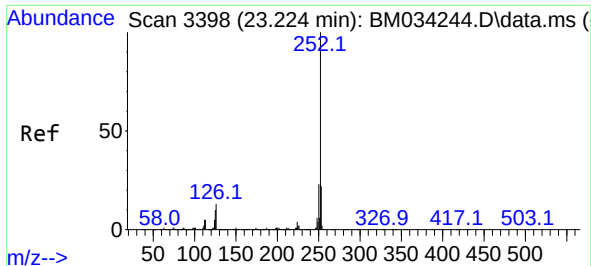
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#88
Benzo(b)fluoranthene
Concen: 6.776 ng
RT: 23.171 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:252 Resp: 238235
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 9.2 7.2 10.8





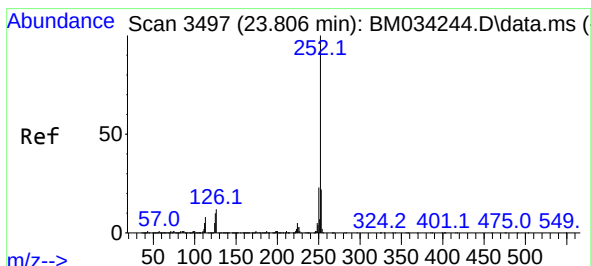
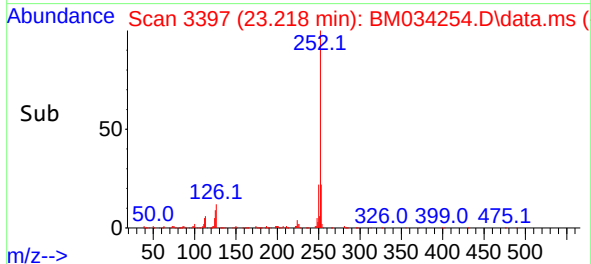
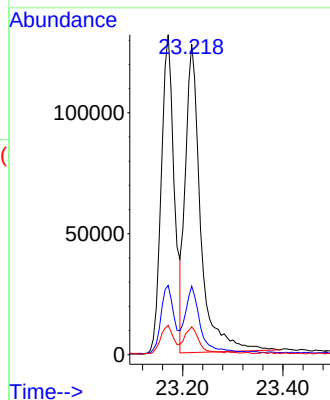
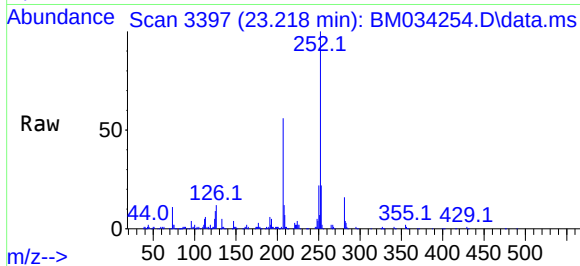
#89
Benzo(k)fluoranthene
Concen: 7.236 ng
RT: 23.218 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

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

Tgt Ion:252 Resp: 269518
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.0 7.5 11.3

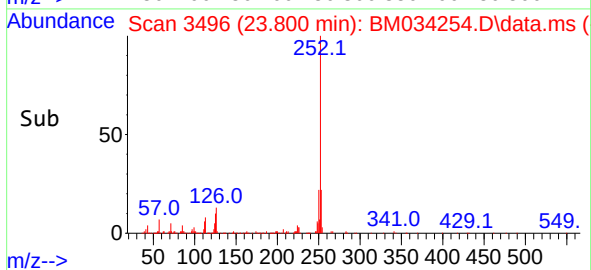
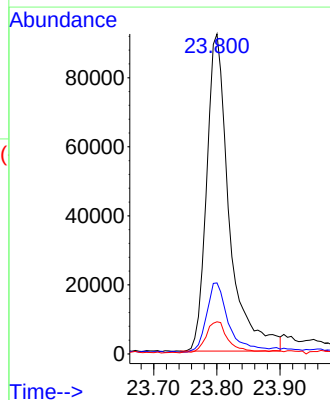
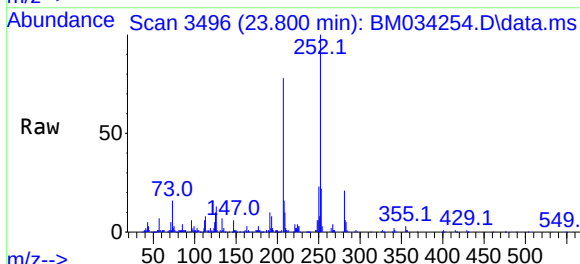
Manual Integrations
APPROVED

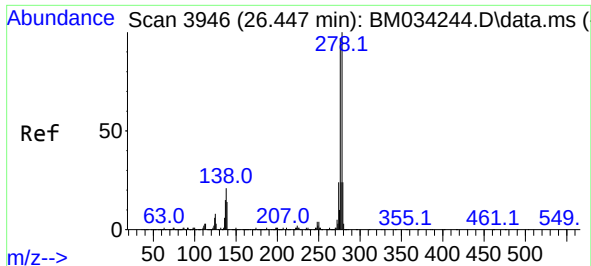
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#90
Benzo(a)pyrene
Concen: 7.682 ng
RT: 23.800 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

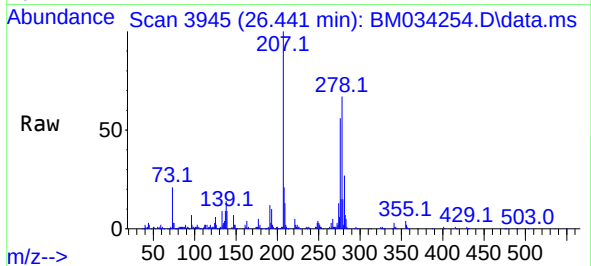
Tgt Ion:252 Resp: 228969
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.0 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 6.572 ng
RT: 26.441 min Scan# 3946
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

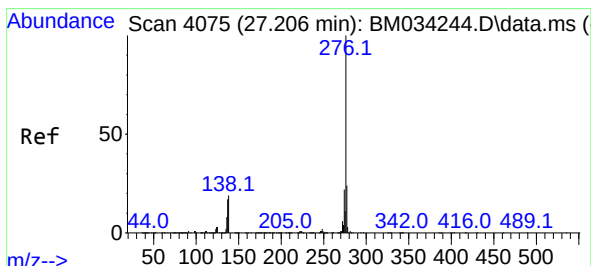
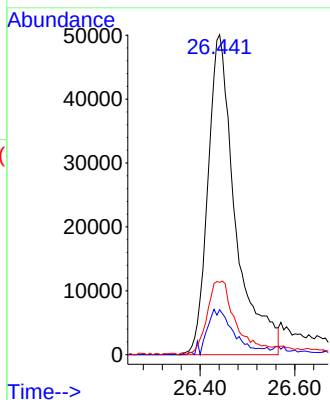
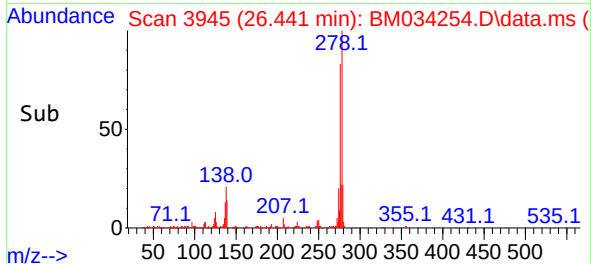
Instrument : BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



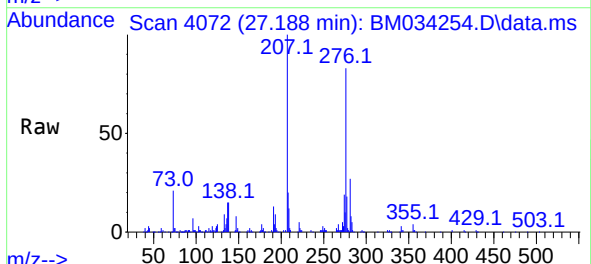
Tgt Ion: 278 Resp: 201568
Ion Ratio Lower Upper
278 100
139 14.1 11.2 16.8
279 22.6 19.2 28.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/17/2022
Supervised By : Jagrut Upadhyay 03/17/2022



#92
Benzo(g,h,i)perylene
Concen: 7.614 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50



Tgt Ion: 276 Resp: 241696
Ion Ratio Lower Upper
276 100
277 22.3 19.0 28.4
138 18.2 15.6 23.4

