

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
 Data File : BM034270.D
 Acq On : 17 Mar 2022 11:10
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 12:19:53 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 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	149594	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	633823	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	435849	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	906260	20.000	ng	0.00
76) Chrysene-d12	21.495	240	880547	20.000	ng	0.00
86) Perylene-d12	23.906	264	847470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1486719	178.291	ng	0.00
7) Phenol-d6	7.107	99	2111927	176.891	ng	0.00
23) Nitrobenzene-d5	9.107	82	1227524	94.292	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	1071653	182.419	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2995454	93.915	ng	0.00
79) Terphenyl-d14	19.942	244	4980926	98.290	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	17758	4.707	ng	96
3) Pyridine	3.772	79	36009	3.527	ng	# 92
4) n-Nitrosodimethylamine	3.672	42	20661	4.262	ng	# 98
6) Aniline	7.266	93	63839	4.679	ng	97
8) 2-Chlorophenol	7.507	128	41495	4.254	ng	93
9) Benzaldehyde	7.078	77	40989m	6.372	ng	
10) Phenol	7.131	94	51669	4.351	ng	96
11) bis(2-Chloroethyl)ether	7.366	93	43552	4.469	ng	99
12) 1,3-Dichlorobenzene	7.837	146	48472	4.381	ng	98
13) 1,4-Dichlorobenzene	7.984	146	49455	4.366	ng	97
14) 1,2-Dichlorobenzene	8.301	146	47840	4.333	ng	99
15) Benzyl Alcohol	8.184	79	36220	3.812	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.484	45	59335	4.436	ng	98
17) 2-Methylphenol	8.389	107	32997	3.968	ng	97
18) Hexachloroethane	9.037	117	17654	4.226	ng	98
19) n-Nitroso-di-n-propyla...	8.754	70	36456	4.221	ng	97
20) 3+4-Methylphenols	8.713	107	42868	3.727	ng	96
22) Acetophenone	8.766	105	68281	4.198	ng	# 93
24) Nitrobenzene	9.148	77	57701	4.747	ng	97
25) Isophorone	9.678	82	96305	4.421	ng	98
26) 2-Nitrophenol	9.866	139	17979	3.336	ng	98
27) 2,4-Dimethylphenol	9.925	122	36282	4.299	ng	100
28) bis(2-Chloroethoxy)met...	10.166	93	56509	4.052	ng	98
29) 2,4-Dichlorophenol	10.401	162	35086	3.578	ng	98
30) 1,2,4-Trichlorobenzene	10.619	180	46536	4.175	ng	98
31) Naphthalene	10.807	128	142018	4.301	ng	98
32) Benzoic acid	9.983	122	15860m	2.272	ng	
33) 4-Chloroaniline	10.913	127	48403	3.716	ng	97
34) Hexachlorobutadiene	11.107	225	29502	4.179	ng	96
35) Caprolactam	11.672	113	11220	3.291	ng	87
36) 4-Chloro-3-methylphenol	12.036	107	40965	3.645	ng	98
37) 2-Methylnaphthalene	12.419	142	98661	4.187	ng	99
38) 1-Methylnaphthalene	12.636	142	98487	4.273	ng	93
40) 1,2,4,5-Tetrachloroben...	12.783	216	53791	4.090	ng	99
41) Hexachlorocyclopentadiene	12.772	237	32243	4.234	ng	97
43) 2,4,6-Trichlorophenol	13.024	196	31012	3.415	ng	95

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Instrument :
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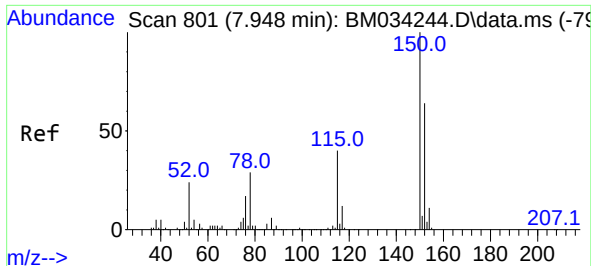
Quant Time: Mar 17 12:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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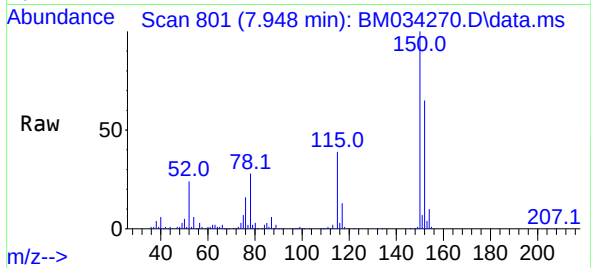
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	34245	3.513	ng	97
46) 1,1'-Biphenyl	13.424	154	142074	4.275	ng	100
47) 2-Chloronaphthalene	13.466	162	105377	4.131	ng	99
48) 2-Nitroaniline	13.660	65	23580	3.024	ng	94
49) Acenaphthylene	14.307	152	166500	4.188	ng	98
50) Dimethylphthalate	14.036	163	136742	4.122	ng	99
51) 2,6-Dinitrotoluene	14.154	165	26383	3.878	ng	99
52) Acenaphthene	14.648	154	107074	3.998	ng	99
53) 3-Nitroaniline	14.483	138	19161	2.807	ng	100
55) Dibenzofuran	14.977	168	165985	4.159	ng	99
56) 4-Nitrophenol	14.783	139	12411m	2.243	ng	
57) 2,4-Dinitrotoluene	14.936	165	31307	3.404	ng	# 95
58) Fluorene	15.630	166	130919	4.041	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	32472	3.694	ng	99
60) Diethylphthalate	15.395	149	137653	4.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	67579	4.085	ng	99
62) 4-Nitroaniline	15.636	138	16862m	2.568	ng	
63) Azobenzene	15.913	77	126260	3.847	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	13976	2.372	ng	95
66) n-Nitrosodiphenylamine	15.830	169	113059	3.927	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	40922	3.928	ng	98
68) Hexachlorobenzene	16.636	284	47800	4.114	ng	99
69) Atrazine	16.777	200	39366	4.148	ng	99
70) Pentachlorophenol	16.971	266	23678	3.186	ng	96
71) Phenanthrene	17.365	178	212872	4.194	ng	98
72) Anthracene	17.454	178	203006	4.110	ng	99
73) Carbazole	17.724	167	158146	3.433	ng	98
74) Di-n-butylphthalate	18.289	149	212925	3.718	ng	98
75) Fluoranthene	19.377	202	237154	4.168	ng	99
77) Benzidine	19.565	184	49727m	3.854	ng	
78) Pyrene	19.736	202	247710	3.993	ng	99
80) Butylbenzylphthalate	20.630	149	88053	3.356	ng	98
81) Benzo(a)anthracene	21.477	228	224046	4.031	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	61877	3.333	ng	# 96
83) Chrysene	21.530	228	238535	4.203	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	137232	3.542	ng	99
85) Di-n-octyl phthalate	22.336	149	223859	3.640	ng	99
87) Indeno(1,2,3-cd)pyrene	26.424	276	167316	3.069	ng	98
88) Benzo(b)fluoranthene	23.171	252	201186	3.970	ng	98
89) Benzo(k)fluoranthene	23.218	252	224876	4.189	ng	98
90) Benzo(a)pyrene	23.800	252	183004	4.260	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	124061	2.807	ng	99
92) Benzo(g,h,i)perylene	27.188	276	154256	3.371	ng	99

(#) = 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: BM034270.D
Acq: 17 Mar 2022 11:10

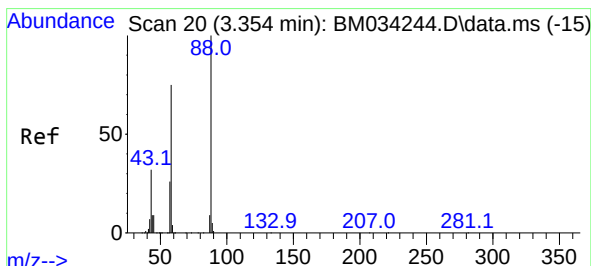
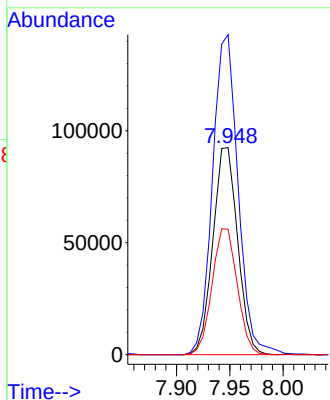
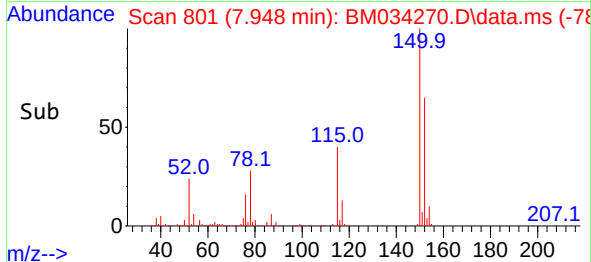
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



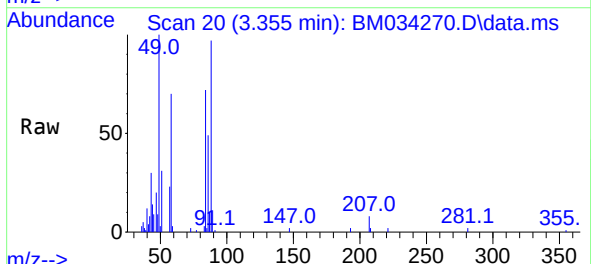
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Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 60.6 50.1 75.1

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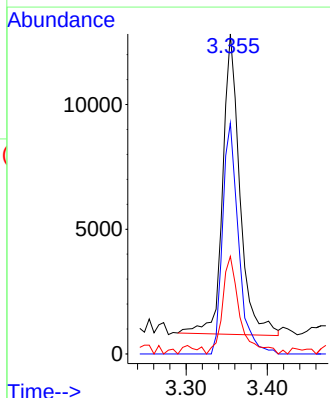
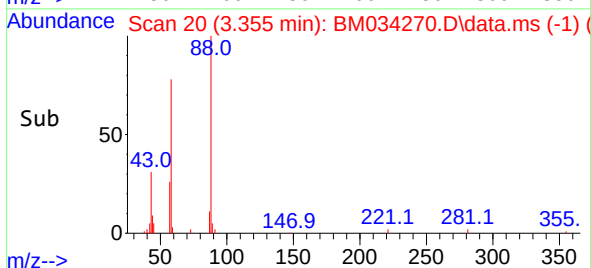
Reviewed By :Christian Giraldo 03/21/2022
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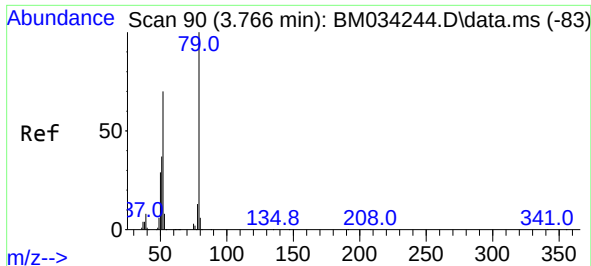


#2
1,4-Dioxane
Concen: 4.707 ng
RT: 3.355 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



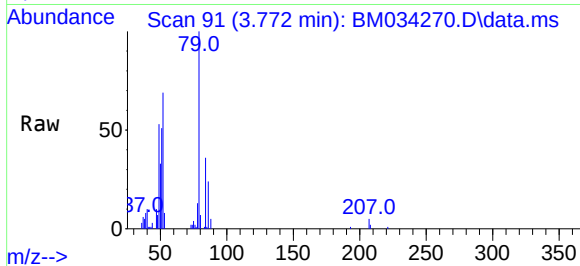
Tgt Ion: 88 Resp: 17758
Ion Ratio Lower Upper
88 100
58 71.3 60.4 90.6
43 32.4 25.4 38.0





#3
Pyridine
Concen: 3.527 ng
RT: 3.772 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

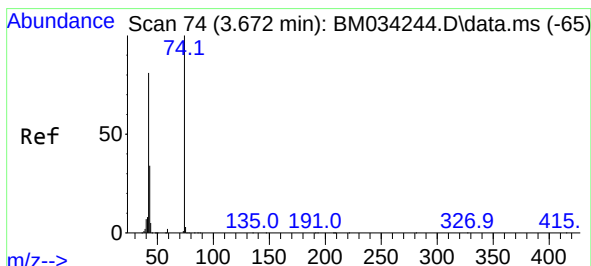
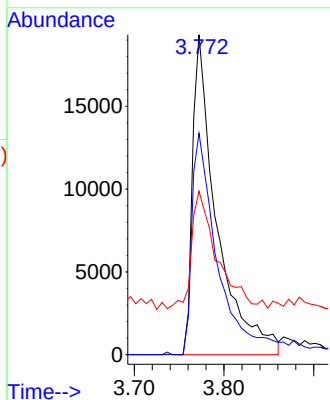
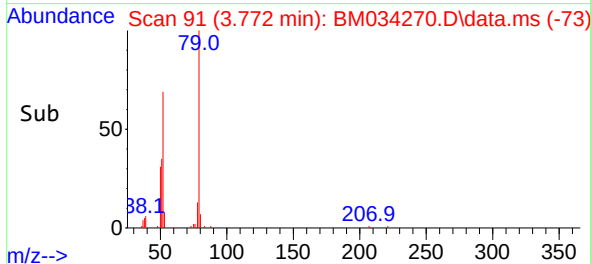
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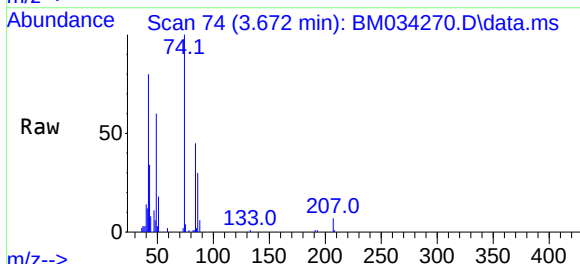
Tgt Ion: 79 Resp: 36009
Ion Ratio Lower Upper
79 100
52 69.2 56.1 84.1
51 51.1 30.4 45.6

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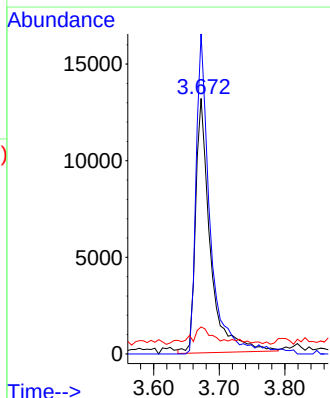
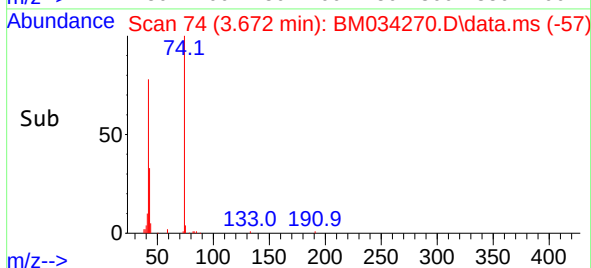
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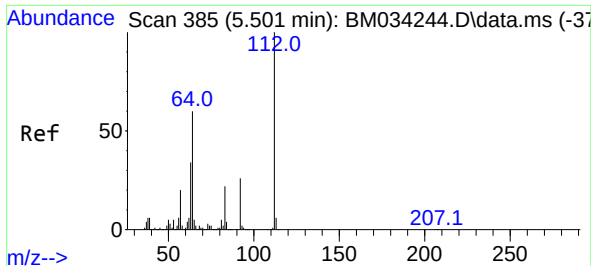


#4
n-Nitrosodimethylamine
Concen: 4.262 ng
RT: 3.672 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



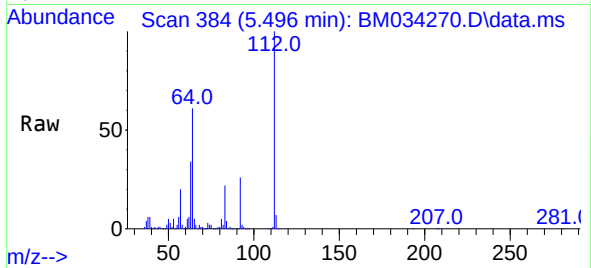
Tgt Ion: 42 Resp: 20661
Ion Ratio Lower Upper
42 100
74 125.3 99.3 148.9
44 10.6 5.0 7.6





#5
2-Fluorophenol
Concen: 178.291 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

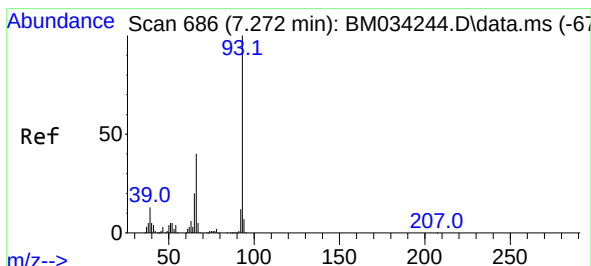
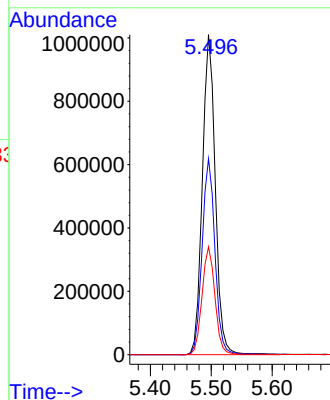
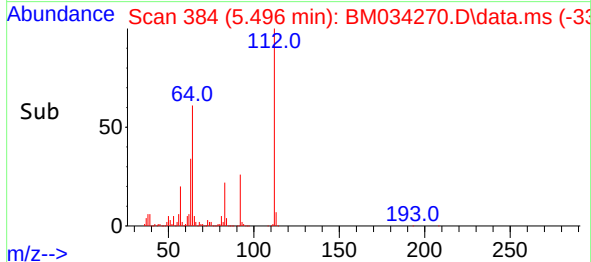
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Tgt Ion: 112 Resp: 1486719
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 33.7 27.1 40.7

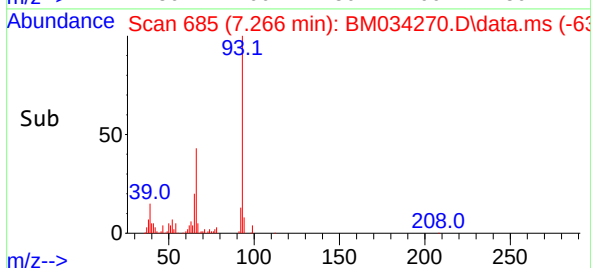
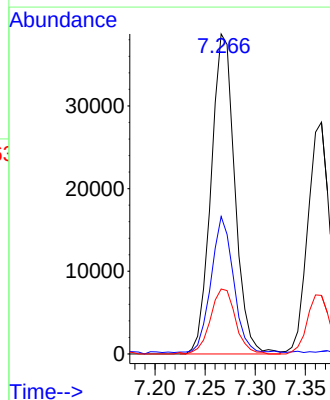
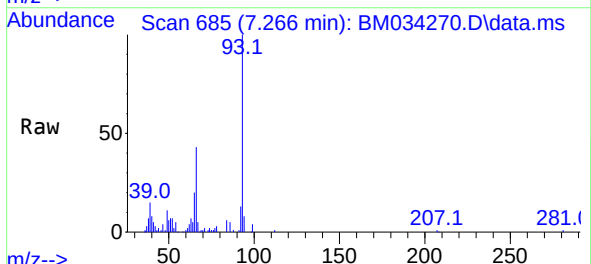
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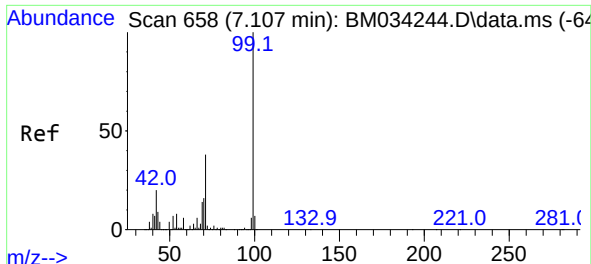
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#6
Aniline
Concen: 4.679 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

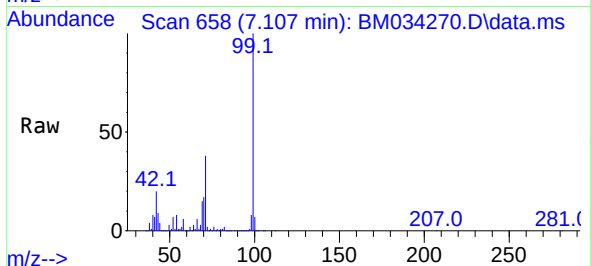
Tgt Ion: 93 Resp: 63839
Ion Ratio Lower Upper
93 100
66 42.9 31.9 47.9
65 20.3 16.2 24.4





#7
Phenol-d6
Concen: 176.891 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

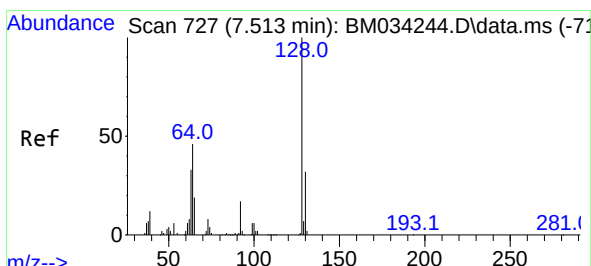
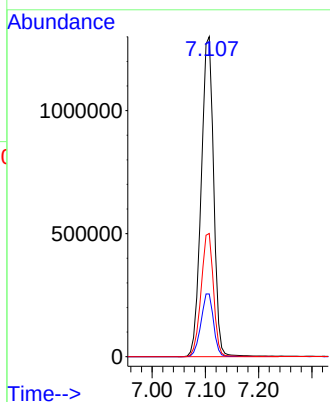
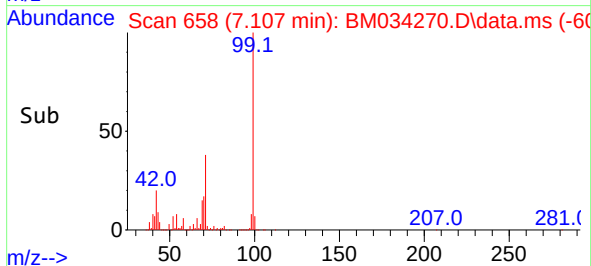
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MDL-SOIL-03-QT1-2022



Tgt Ion: 99 Resp: 211192
Ion Ratio Lower Upper
99 100
42 19.6 15.6 23.4
71 38.5 30.6 46.0

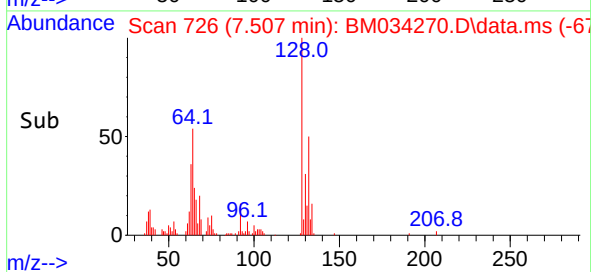
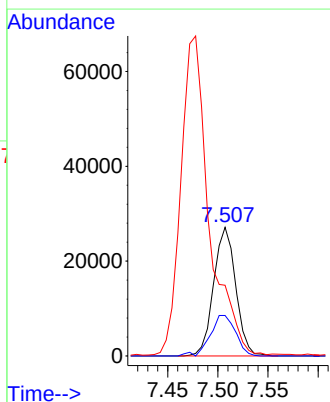
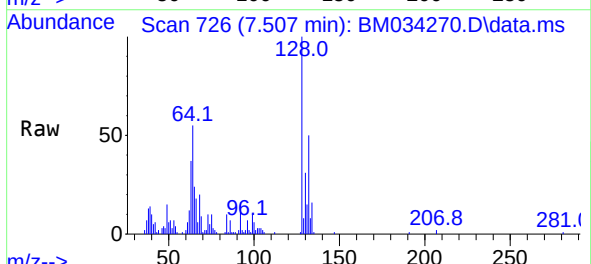
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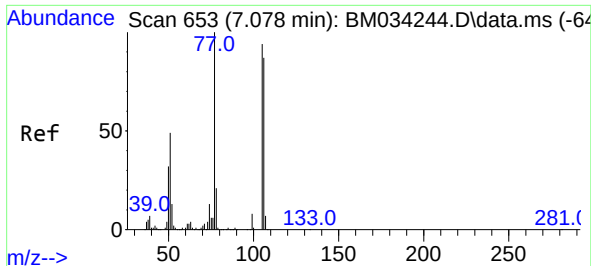
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#8
2-Chlorophenol
Concen: 4.254 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

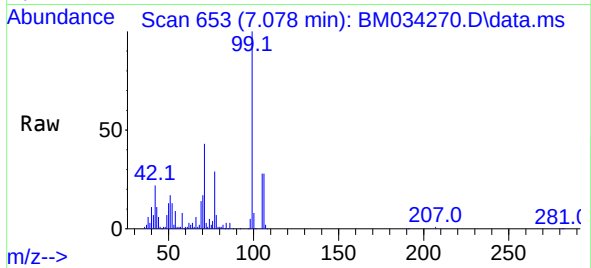
Tgt Ion:128 Resp: 41495
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 55.0 28.1 68.1





#9
Benzaldehyde
Concen: 6.372 ng m
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

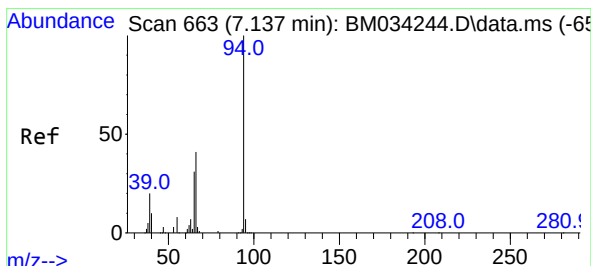
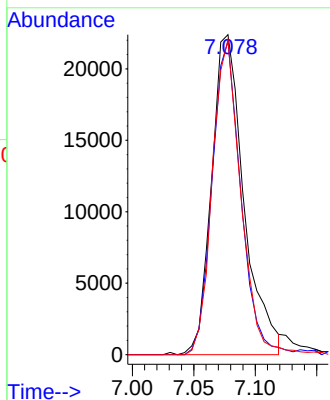
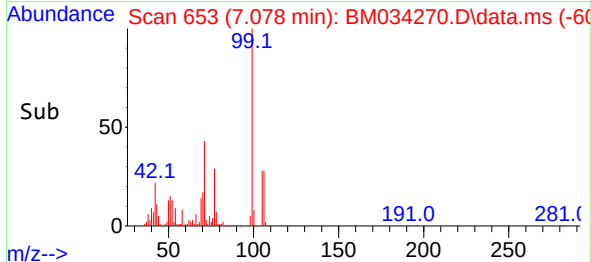
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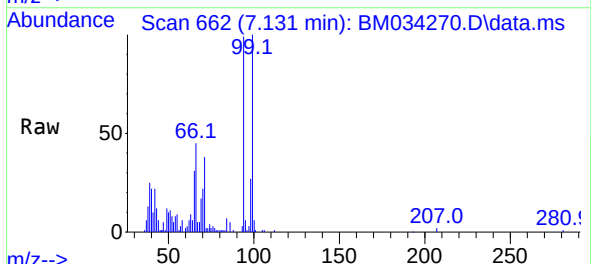
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Ion Ratio Lower Upper
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105 98.0 73.9 113.9
106 98.4 67.2 107.2

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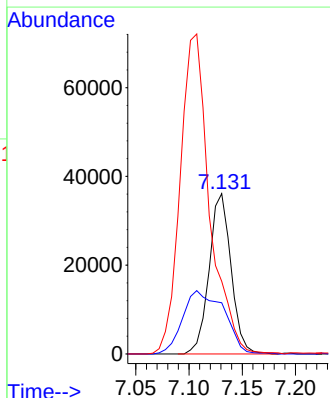
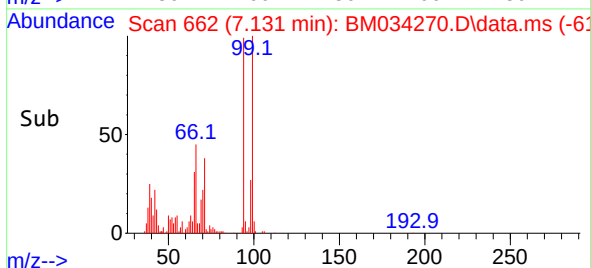
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

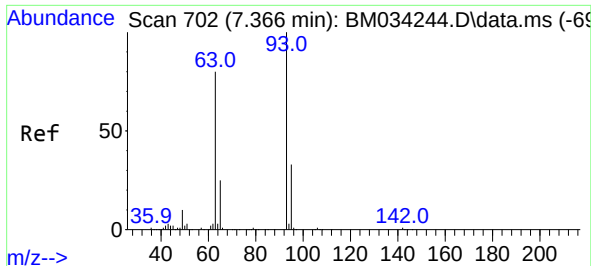


#10
Phenol
Concen: 4.351 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



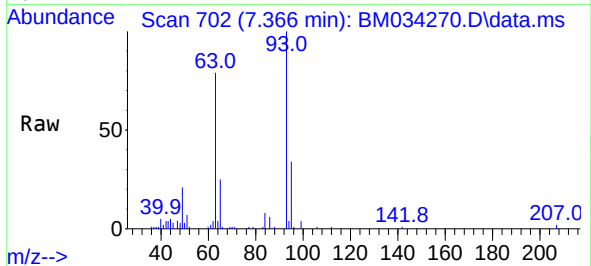
Tgt Ion: 94 Resp: 51669
Ion Ratio Lower Upper
94 100
65 31.9 10.9 50.9
66 45.3 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 4.469 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

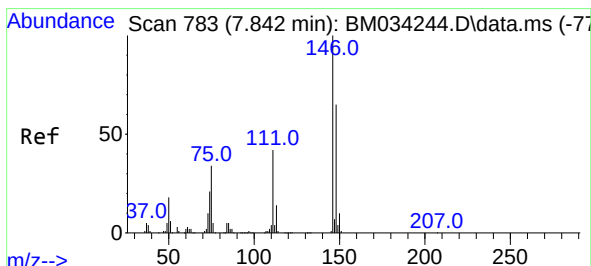
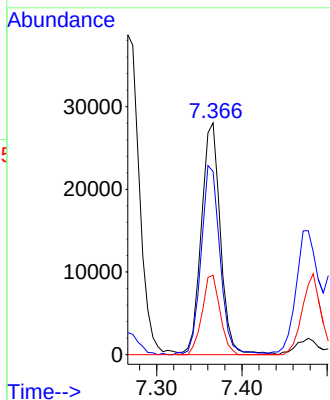
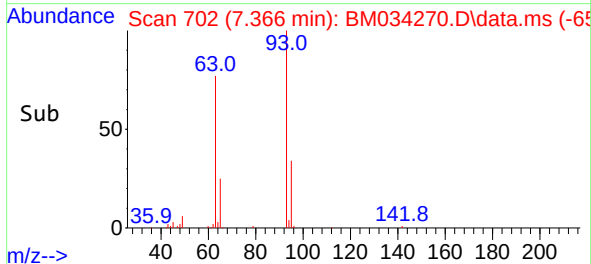
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



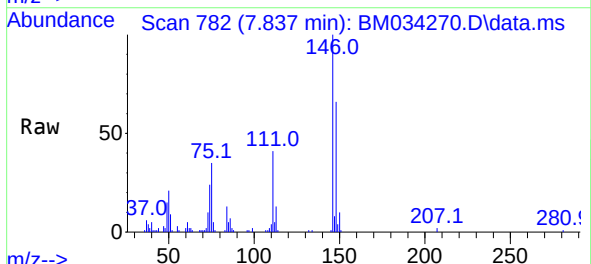
Tgt Ion: 93 Resp: 43552
Ion Ratio Lower Upper
93 100
63 79.0 59.6 99.6
95 34.3 12.6 52.6

Manual Integrations
APPROVED

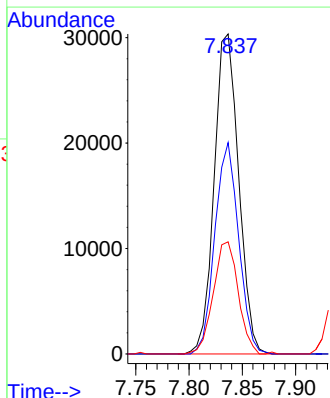
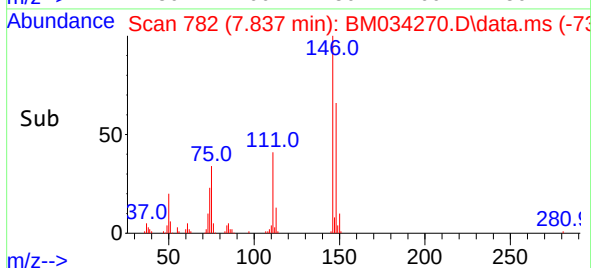
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

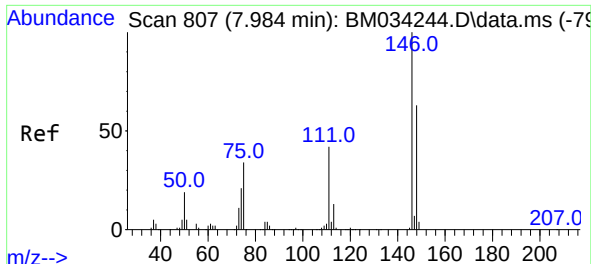


#12
1,3-Dichlorobenzene
Concen: 4.381 ng
RT: 7.837 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



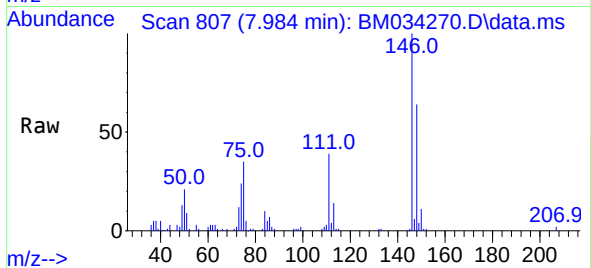
Tgt Ion:146 Resp: 48472
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.8
75 35.0 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 4.366 ng
RT: 7.984 min Scan# 807
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

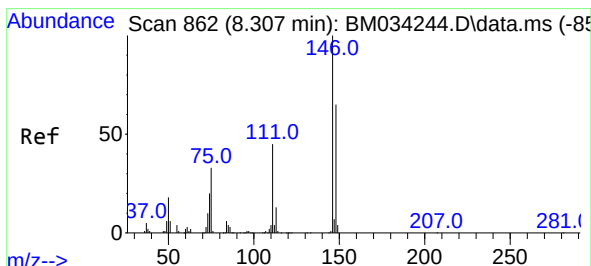
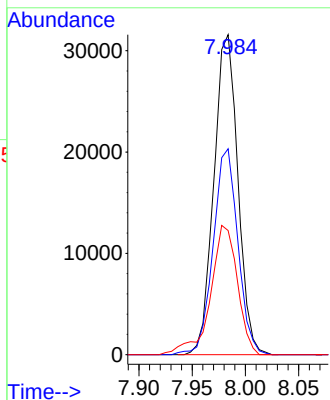
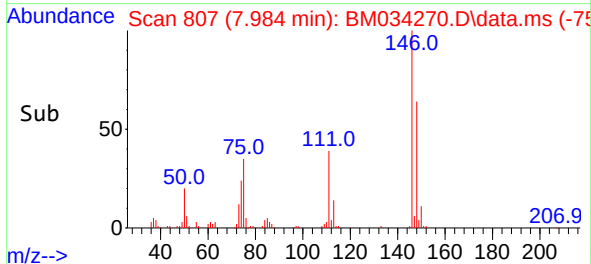
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



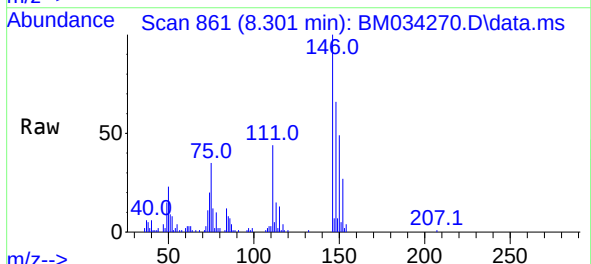
Tgt Ion:146 Resp: 4945
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
111 38.8 34.0 51.0

Manual Integrations
APPROVED

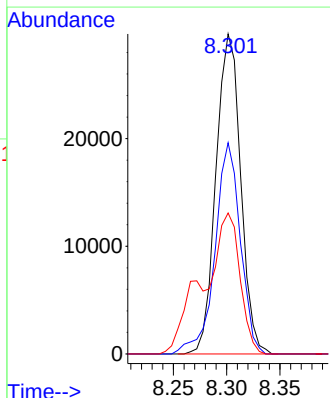
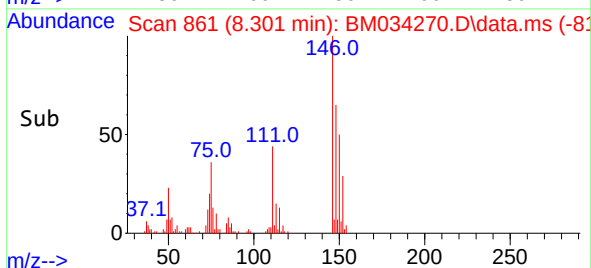
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

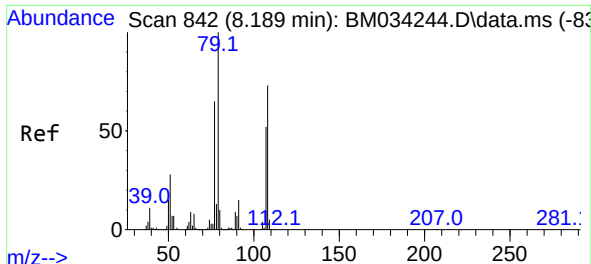


#14
1,2-Dichlorobenzene
Concen: 4.333 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



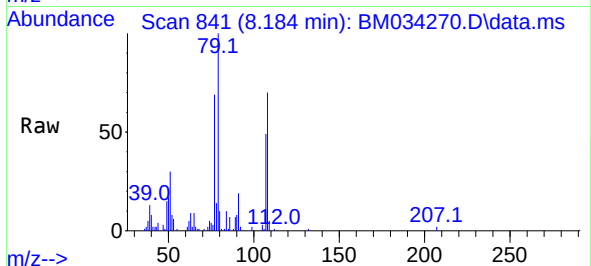
Tgt Ion:146 Resp: 47840
Ion Ratio Lower Upper
146 100
148 66.0 52.2 78.4
111 44.1 35.8 53.8





#15
Benzyl Alcohol
Concen: 3.812 ng
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

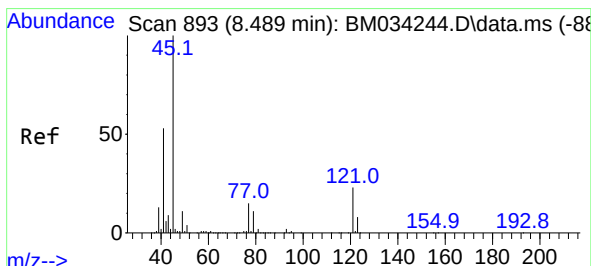
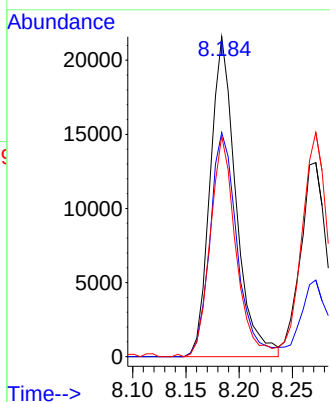
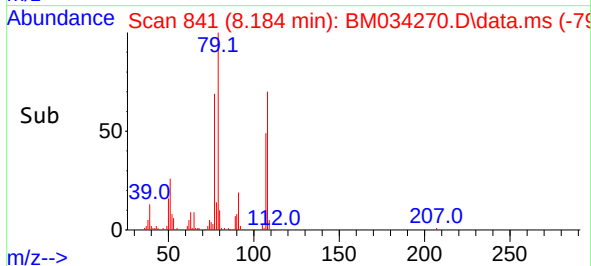
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



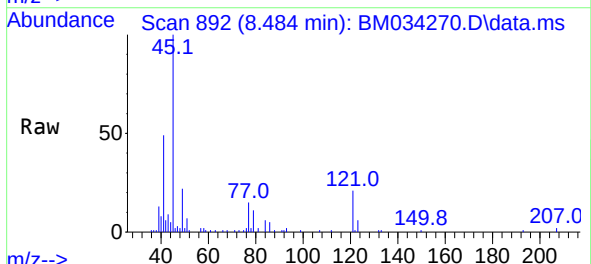
Tgt Ion: 79 Resp: 36220
Ion Ratio Lower Upper
79 100
108 70.1 58.1 87.1
77 68.9 51.8 77.6

Manual Integrations
APPROVED

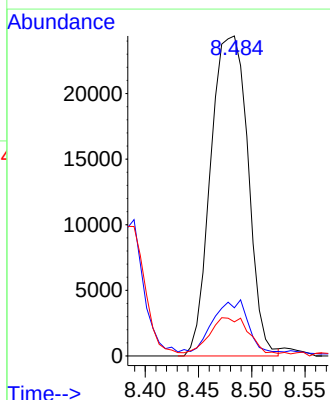
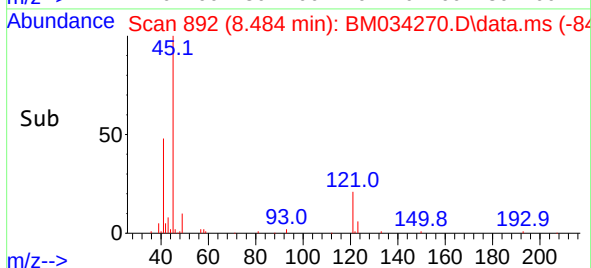
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

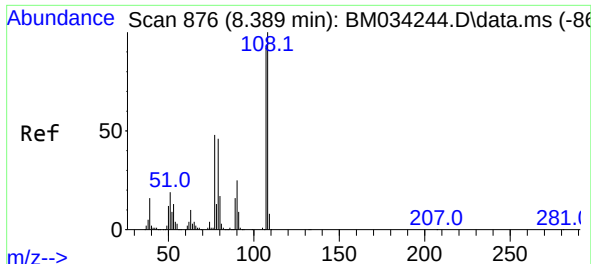


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.436 ng
RT: 8.484 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



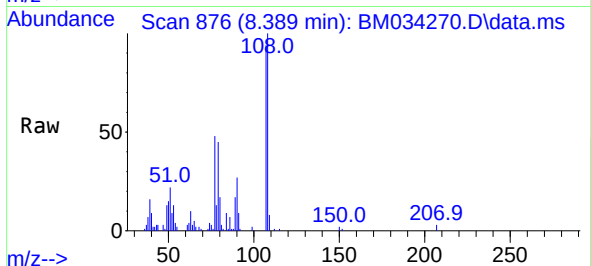
Tgt Ion: 45 Resp: 59335
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.7
79 10.6 0.0 31.7





#17
2-Methylphenol
Concen: 3.968 ng
RT: 8.389 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

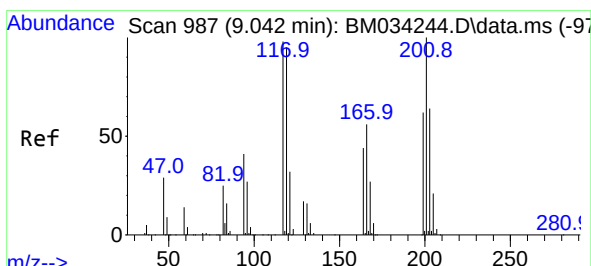
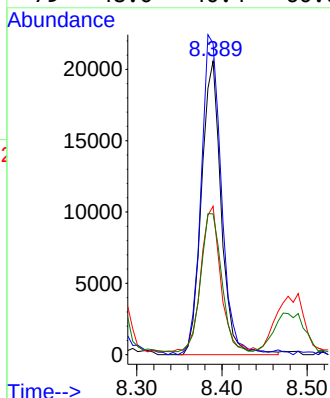
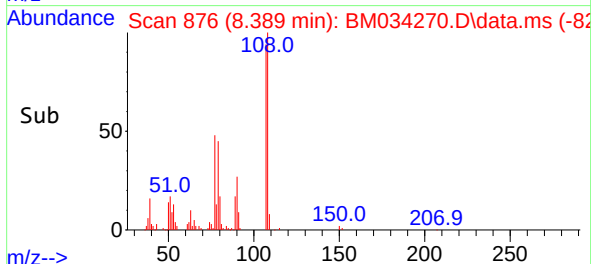
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:	107	Resp:	3299
Ion	Ratio	Lower	Upper
107	100		
108	106.0	87.3	130.9
77	50.5	41.6	62.4
79	48.0	40.4	60.6

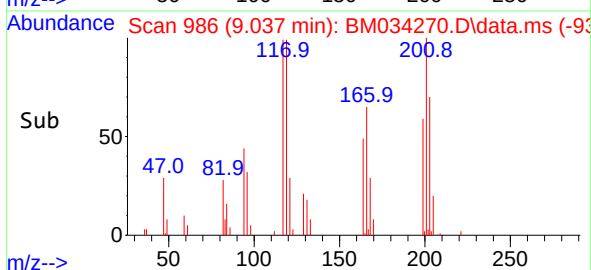
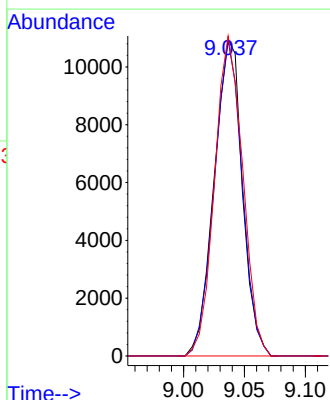
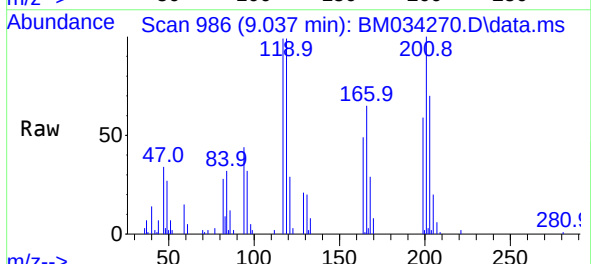
Manual Integrations
APPROVED

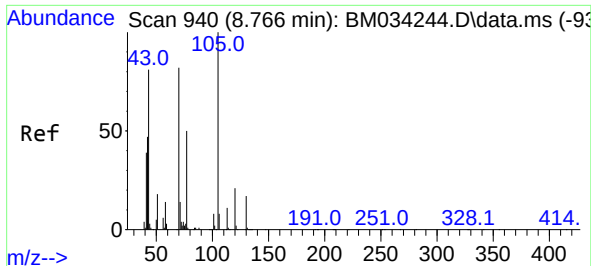
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#18
Hexachloroethane
Concen: 4.226 ng
RT: 9.037 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

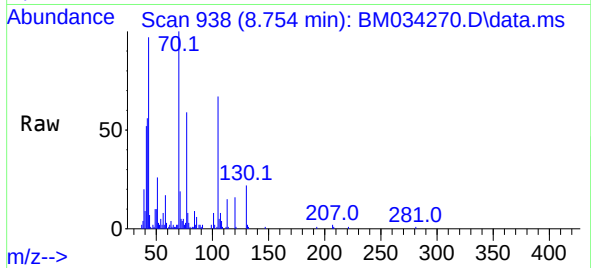
Tgt Ion:	117	Resp:	17654
Ion	Ratio	Lower	Upper
117	100		
119	99.7	77.4	116.0
201	101.1	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 4.221 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

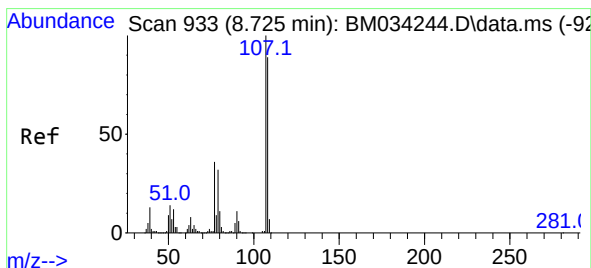
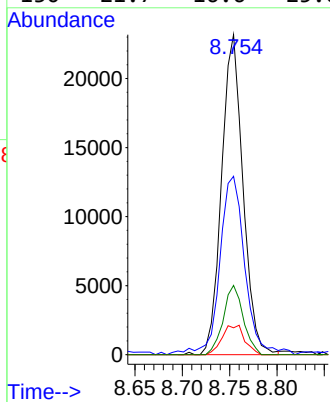
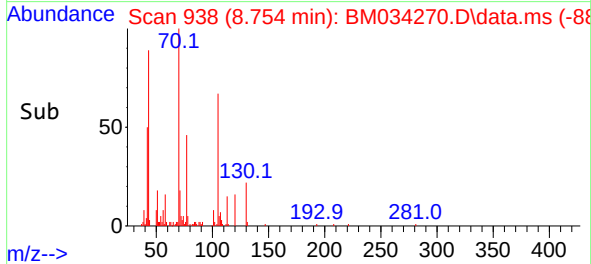
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



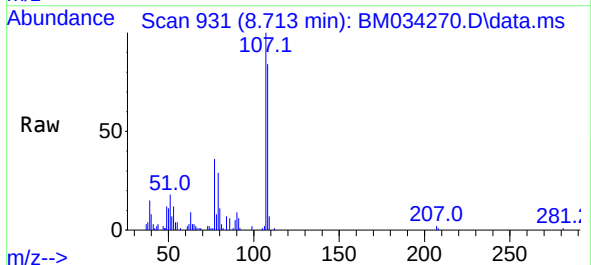
Tgt Ion: 70 Resp: 36450
Ion Ratio Lower Upper
70 100
42 55.8 46.7 70.1
101 8.4 7.8 11.6
130 21.7 16.6 25.0

Manual Integrations
APPROVED

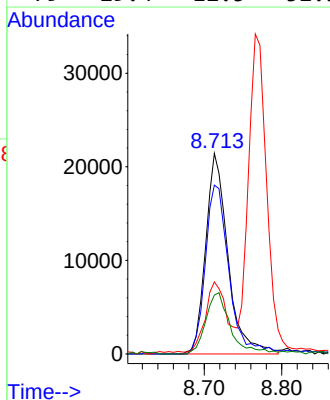
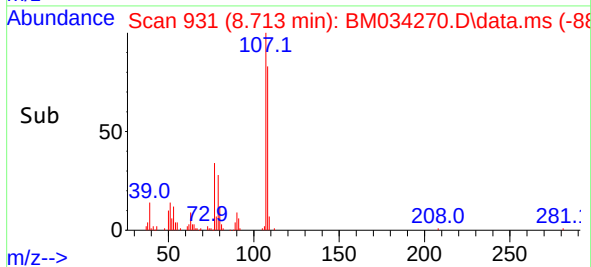
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

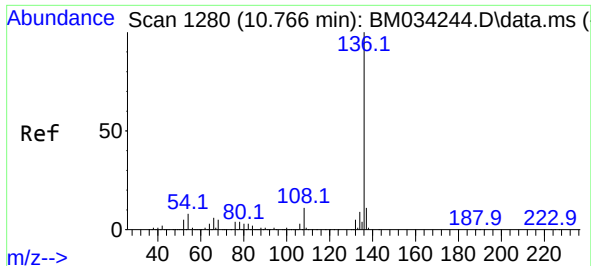


#20
3+4-Methylphenols
Concen: 3.727 ng
RT: 8.713 min Scan# 931
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



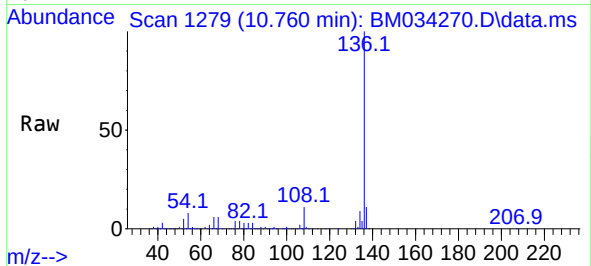
Tgt Ion: 107 Resp: 42868
Ion Ratio Lower Upper
107 100
108 84.1 69.2 109.2
77 35.9 16.5 56.5
79 29.4 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

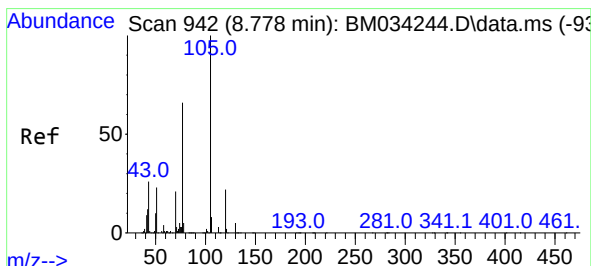
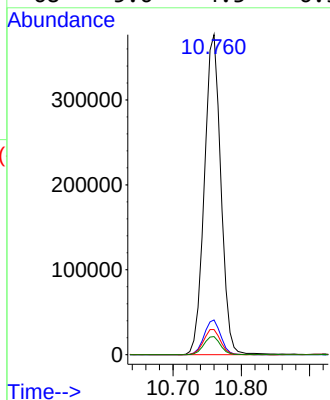
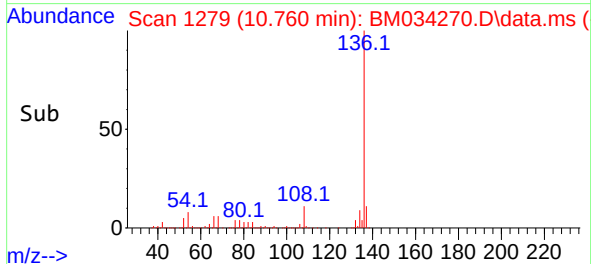
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:136 Resp: 63382
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 6.2 9.4
68 5.6 4.3 6.5

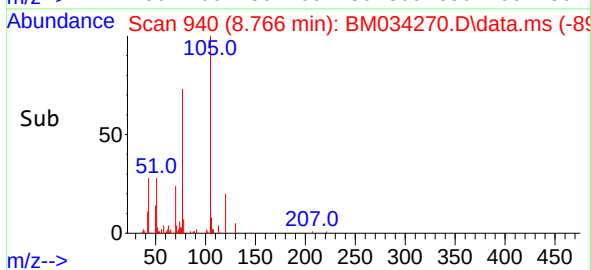
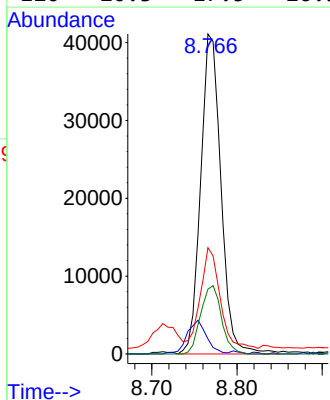
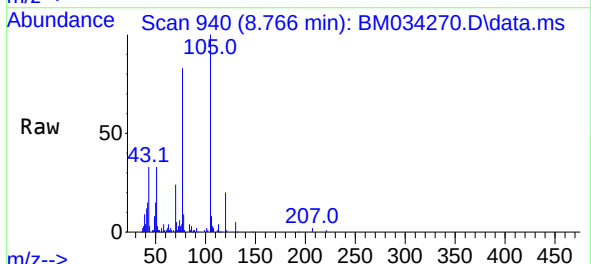
Manual Integrations
APPROVED

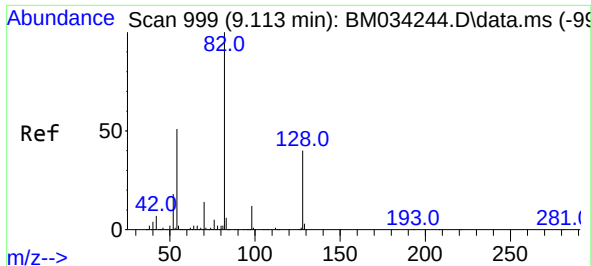
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 4.198 ng
RT: 8.766 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

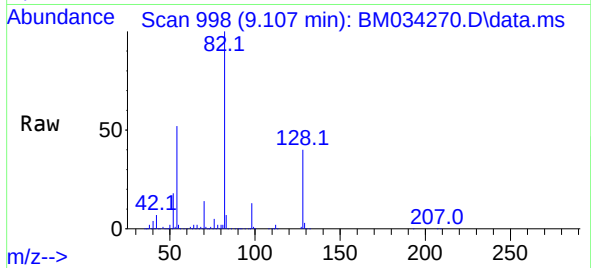
Tgt Ion:105 Resp: 68281
Ion Ratio Lower Upper
105 100
71 4.7 3.0 4.4#
51 33.2 22.6 33.8
120 20.3 17.5 26.3





#23
Nitrobenzene-d5
Concen: 94.292 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

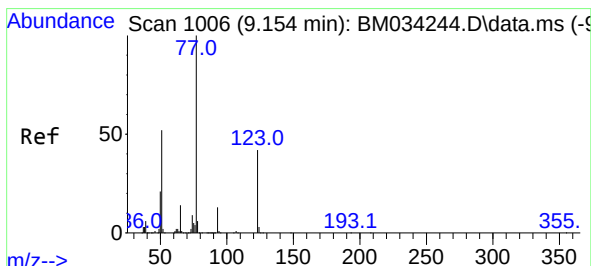
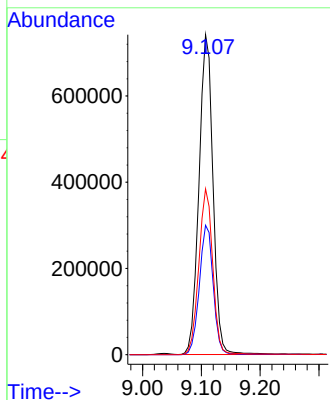
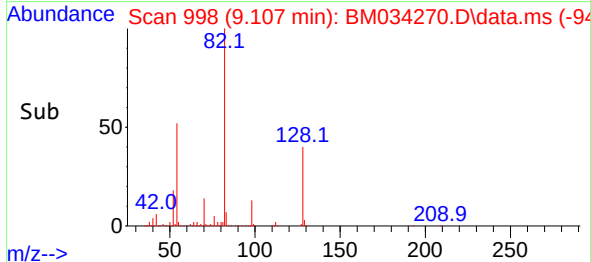
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



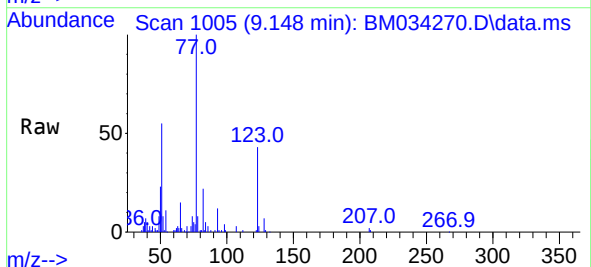
Tgt Ion: 82 Resp: 1227524
Ion Ratio Lower Upper
82 100
128 40.4 31.9 47.9
54 51.8 40.6 61.0

Manual Integrations
APPROVED

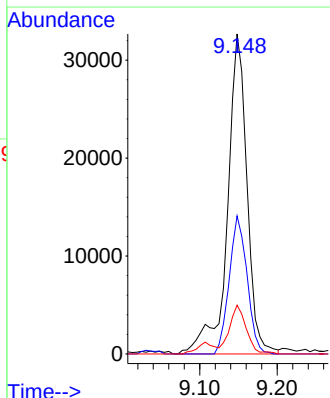
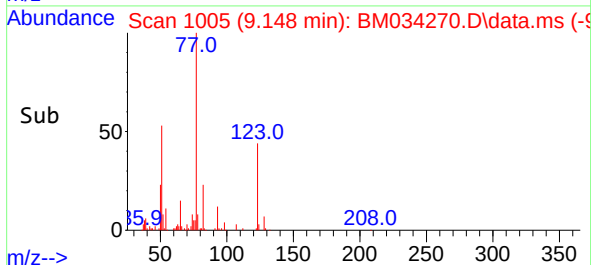
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

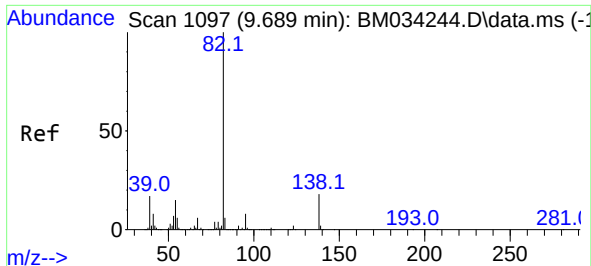


#24
Nitrobenzene
Concen: 4.747 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



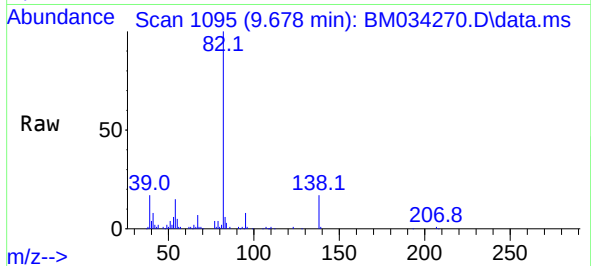
Tgt Ion: 77 Resp: 57701
Ion Ratio Lower Upper
77 100
123 43.1 33.3 49.9
65 15.3 11.0 16.4





#25
Isophorone
Concen: 4.421 ng
RT: 9.678 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

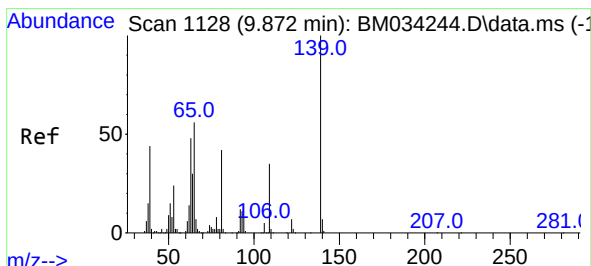
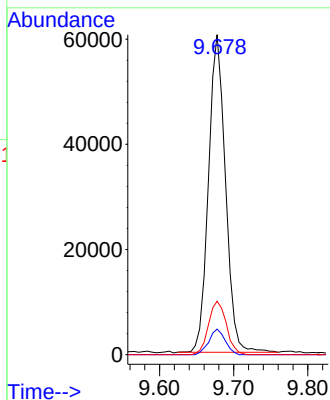
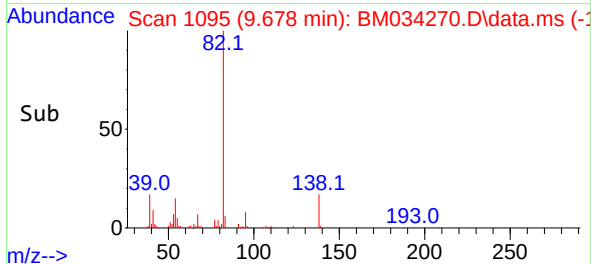
Instrument : BNA_M
ClientSampleId : MDL-SOIL-03-QT1-2022



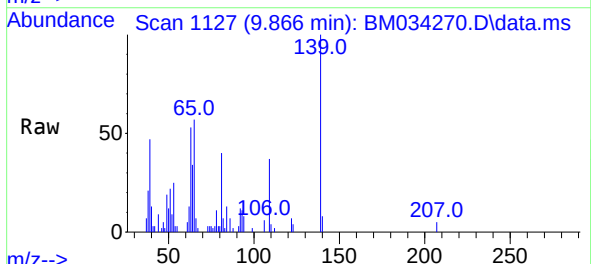
Tgt Ion: 82 Resp: 9630
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.7 14.4 21.6

Manual Integrations
APPROVED

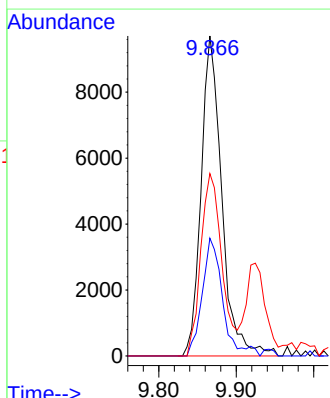
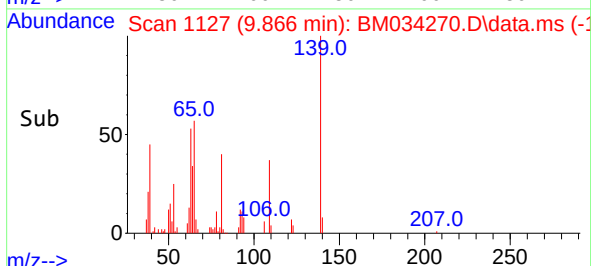
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

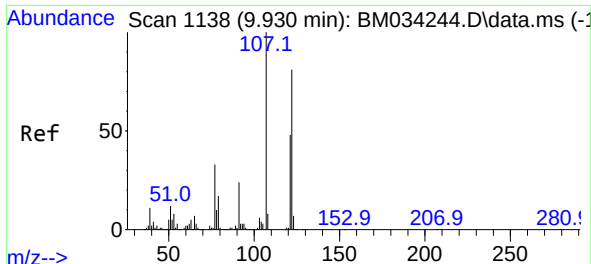


#26
2-Nitrophenol
Concen: 3.336 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



Tgt Ion:139 Resp: 17979
Ion Ratio Lower Upper
139 100
109 36.8 28.1 42.1
65 57.0 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.299 ng

RT: 9.925 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT1-2022

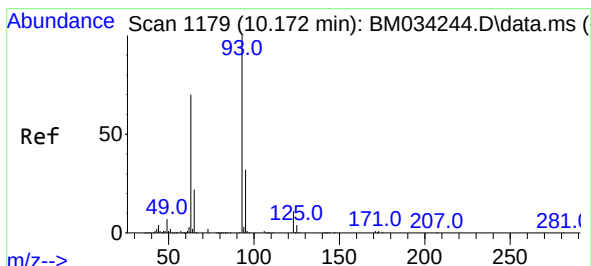
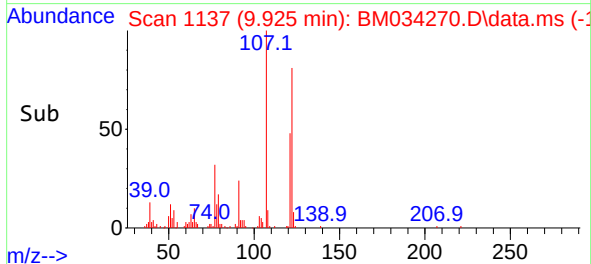
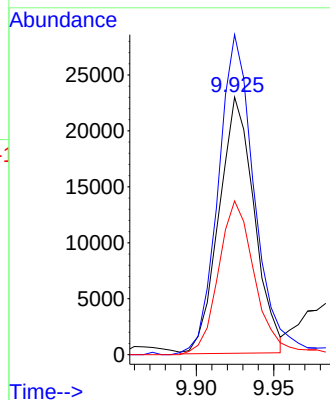
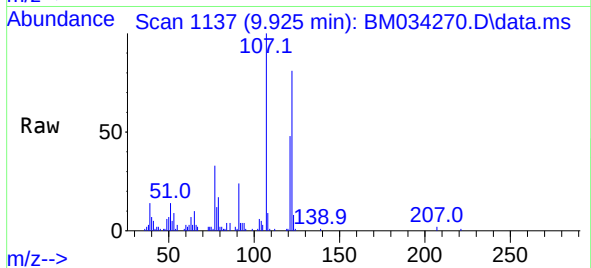
Tgt Ion:	122	Resp:	3628
Ion	Ratio	Lower	Upper
122	100		
107	124.2	99.0	148.6
121	59.7	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.052 ng

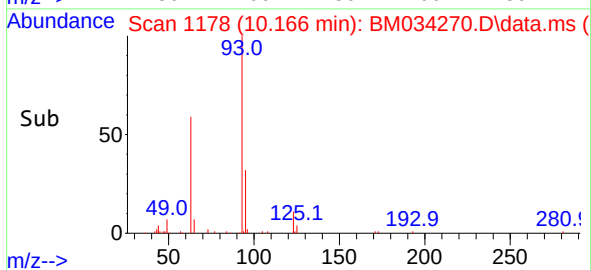
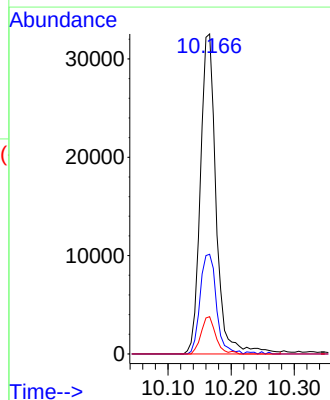
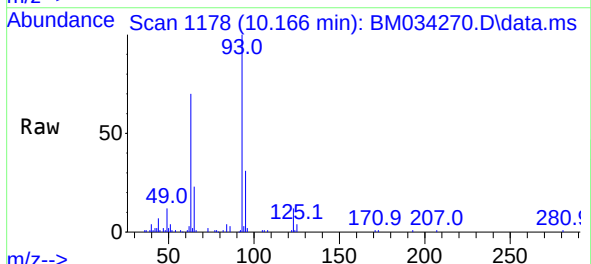
RT: 10.166 min Scan# 1178

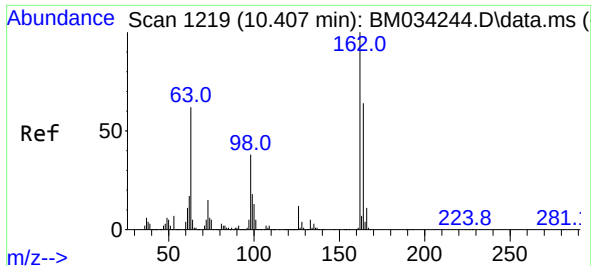
Delta R.T. -0.006 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

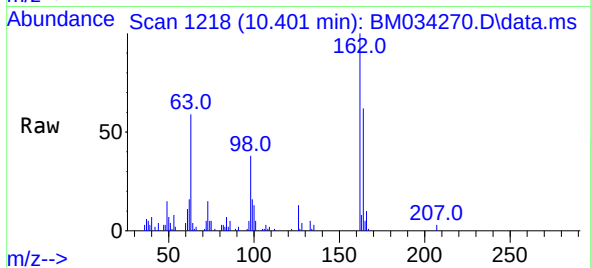
Tgt Ion:	93	Resp:	56509
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.0	39.0
123	11.6	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 3.578 ng
RT: 10.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

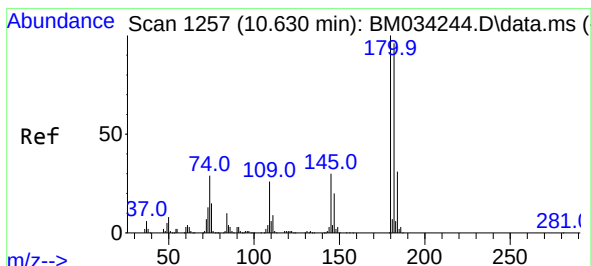
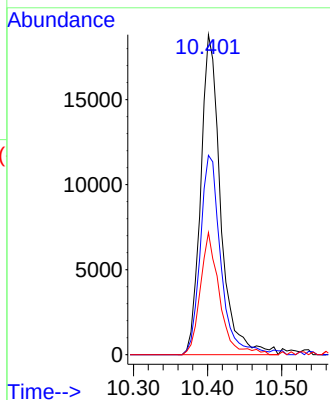
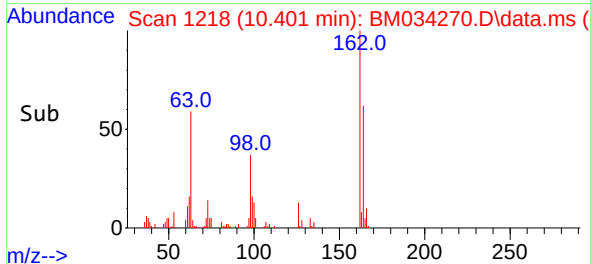
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



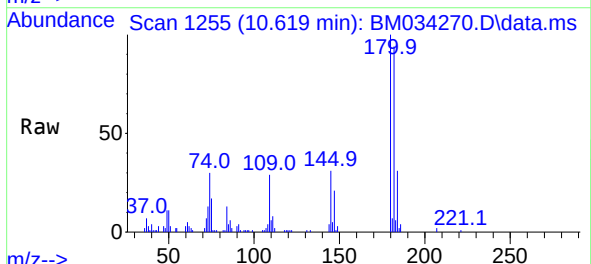
Tgt Ion:162 Resp: 3508
Ion Ratio Lower Upper
162 100
164 62.3 43.9 83.9
98 38.2 17.6 57.6

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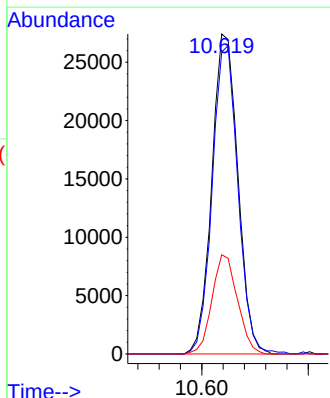
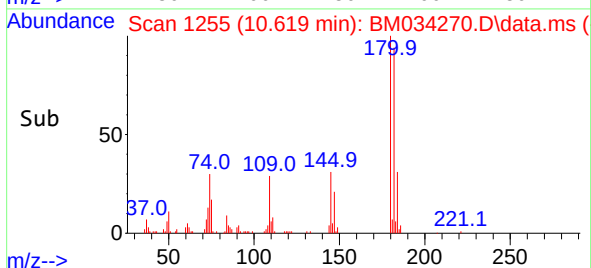
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

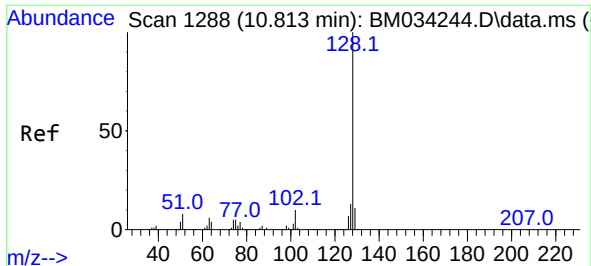


#30
1,2,4-Trichlorobenzene
Concen: 4.175 ng
RT: 10.619 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



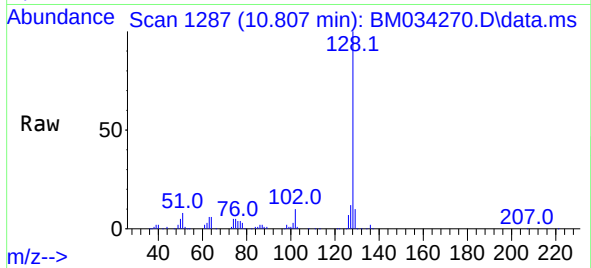
Tgt Ion:180 Resp: 46536
Ion Ratio Lower Upper
180 100
182 94.4 77.0 115.4
145 31.0 23.7 35.5





#31
Naphthalene
Concen: 4.301 ng
RT: 10.807 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

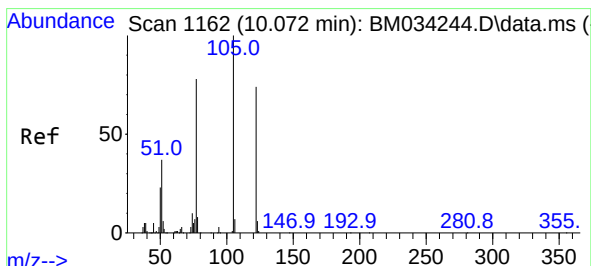
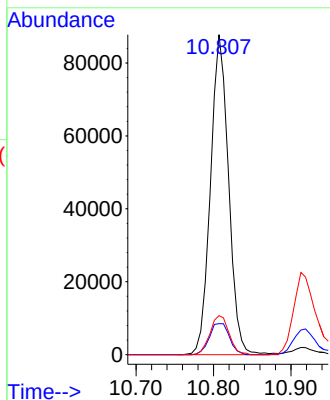
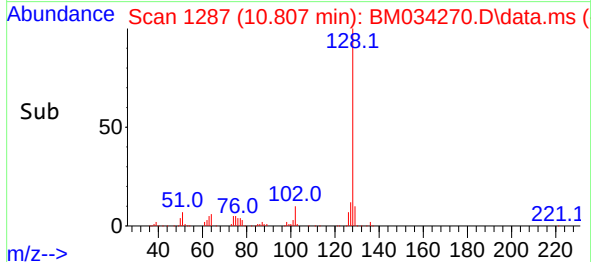
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:128 Resp: 142018
Ion Ratio Lower Upper
128 100
129 9.7 8.8 13.2
127 12.2 10.2 15.4

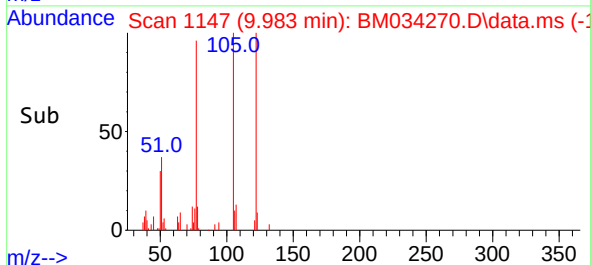
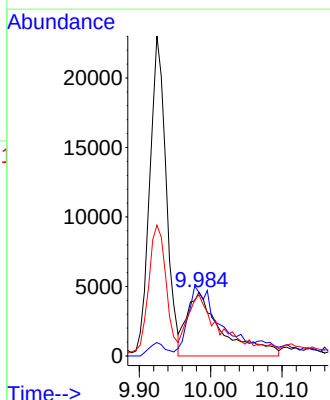
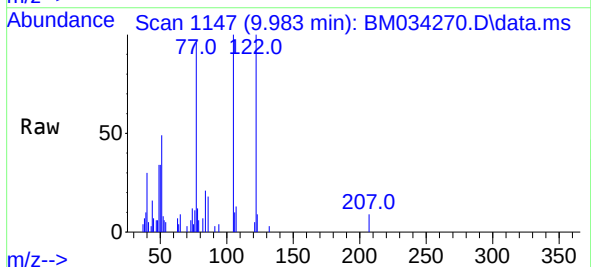
Manual Integrations
APPROVED

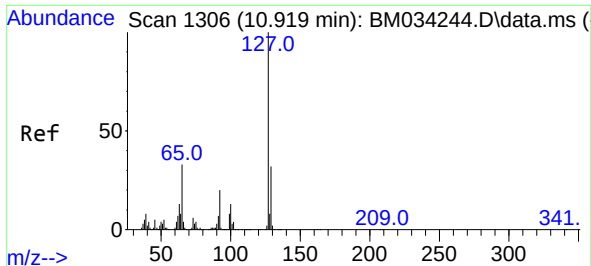
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 2.272 ng m
RT: 9.983 min Scan# 1147
Delta R.T. -0.088 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

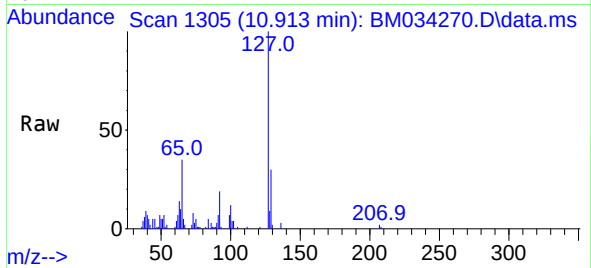
Tgt Ion:122 Resp: 15860
Ion Ratio Lower Upper
122 100
105 99.6 109.6 149.6#
77 95.9 83.1 123.1





#33
4-Chloroaniline
Concen: 3.716 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

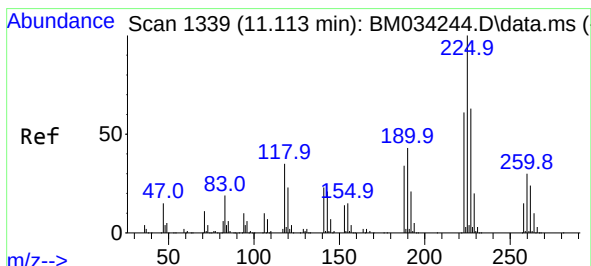
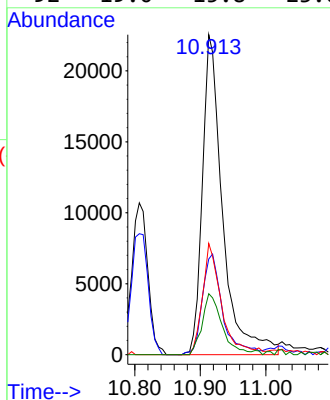
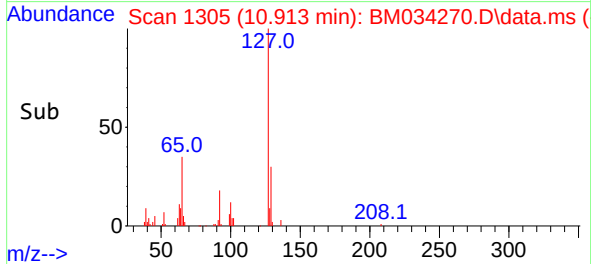
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:127 Resp: 4840
Ion Ratio Lower Upper
127 100
129 29.9 25.4 38.2
65 34.8 26.2 39.2
92 19.0 15.8 23.6

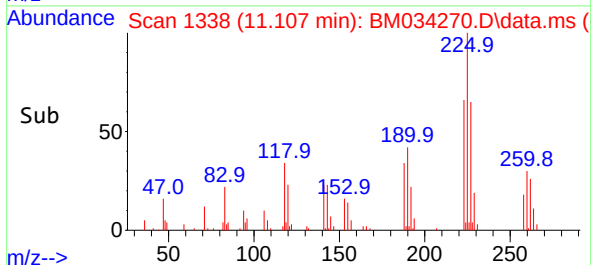
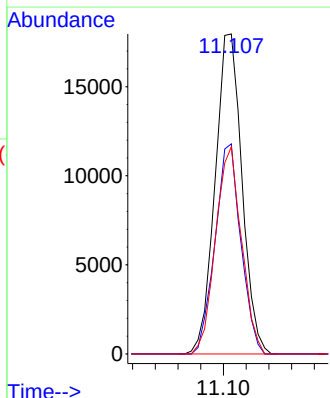
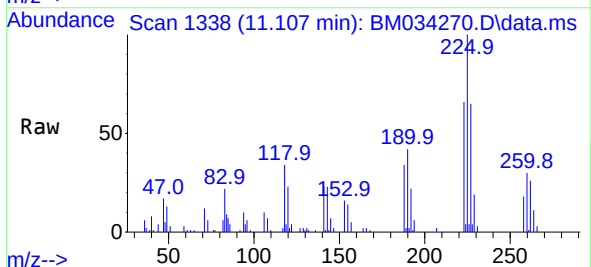
Manual Integrations
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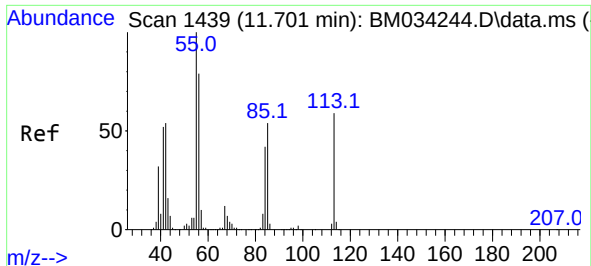
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 4.179 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

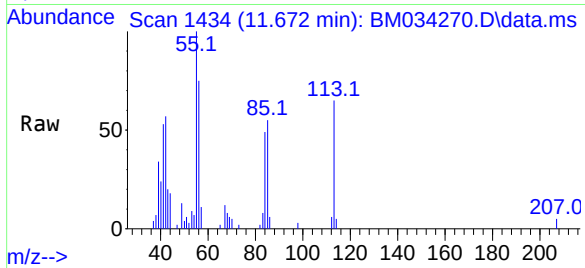
Tgt Ion:225 Resp: 29502
Ion Ratio Lower Upper
225 100
223 65.7 49.0 73.4
227 64.7 50.2 75.2





#35
Caprolactam
Concen: 3.291 ng
RT: 11.672 min Scan# 1434
Delta R.T. -0.029 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

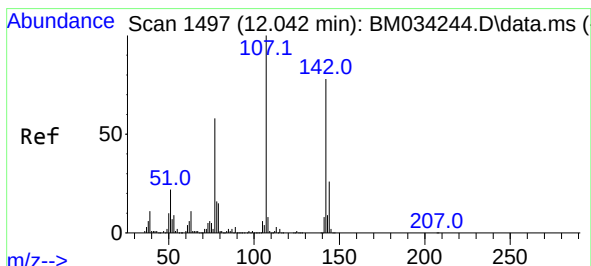
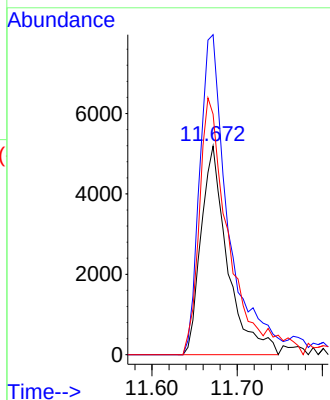
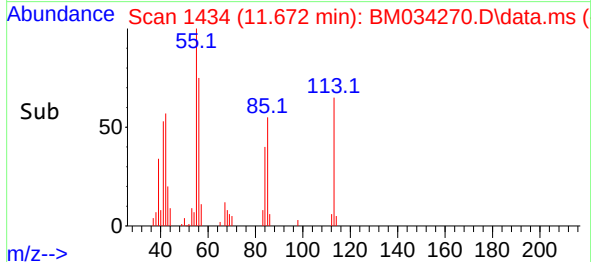
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:113 Resp: 11220
Ion Ratio Lower Upper
113 100
55 153.4 148.9 188.9
56 115.3 113.3 153.3

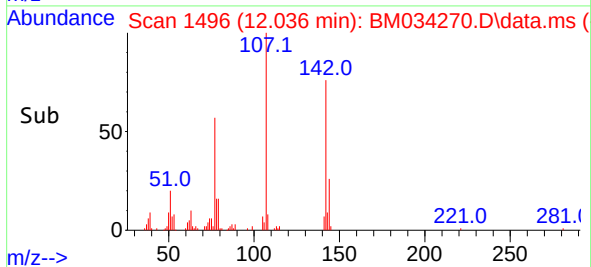
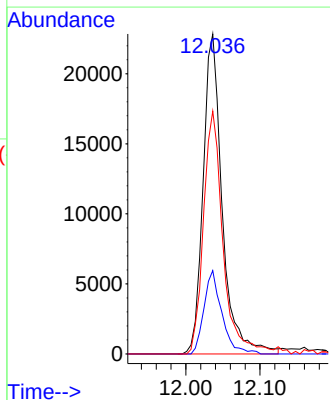
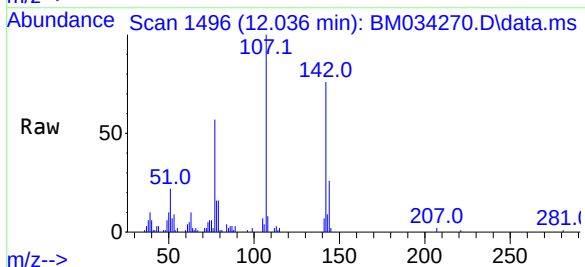
Manual Integrations
APPROVED

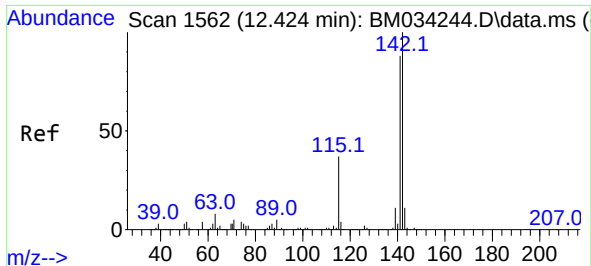
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#36
4-Chloro-3-methylphenol
Concen: 3.645 ng
RT: 12.036 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

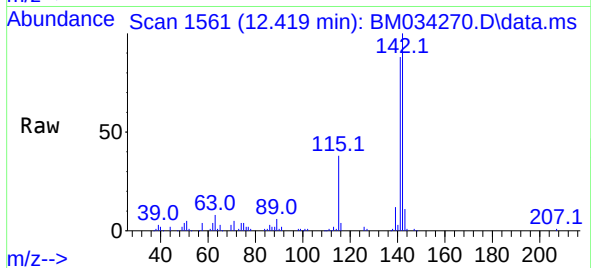
Tgt Ion:107 Resp: 40965
Ion Ratio Lower Upper
107 100
144 26.1 20.8 31.2
142 75.9 62.7 94.1





#37
2-Methylnaphthalene
Concen: 4.187 ng
RT: 12.419 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

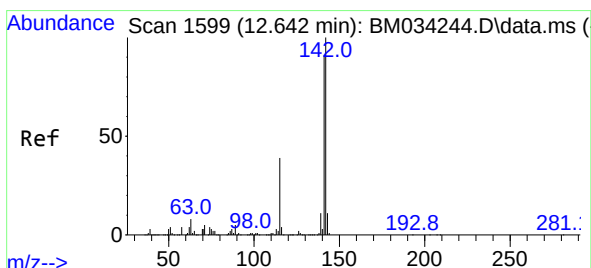
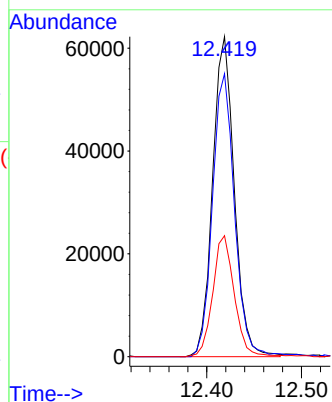
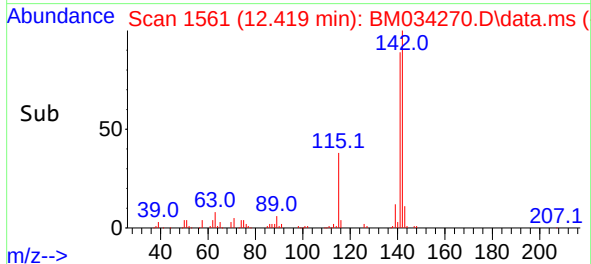
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



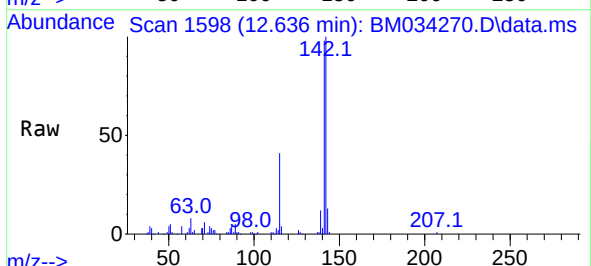
Tgt Ion:142 Resp: 9866
Ion Ratio Lower Upper
142 100
141 88.4 70.1 105.1
115 37.8 29.9 44.9

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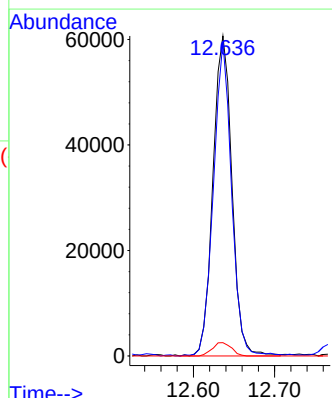
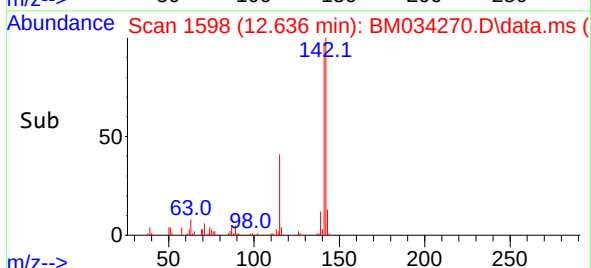
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

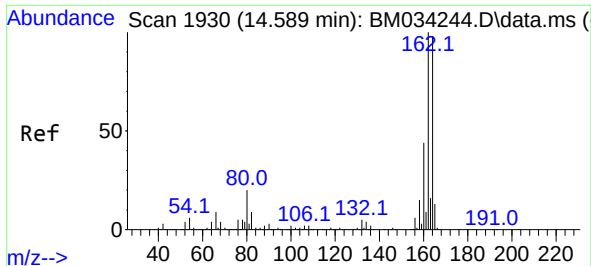


#38
1-Methylnaphthalene
Concen: 4.273 ng
RT: 12.636 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



Tgt Ion:142 Resp: 98487
Ion Ratio Lower Upper
142 100
141 98.2 73.0 109.6
116 4.2 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT1-2022

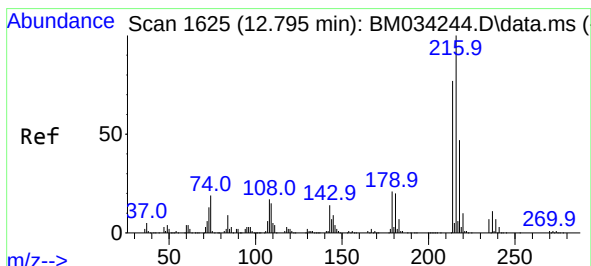
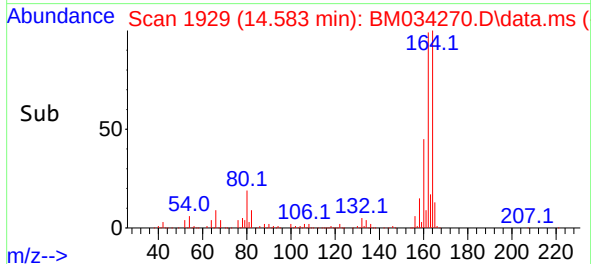
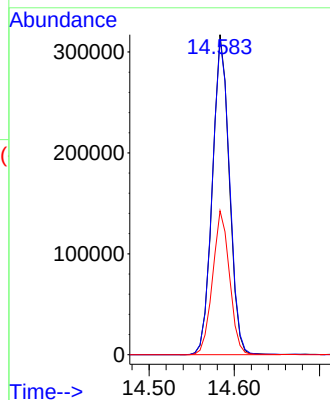
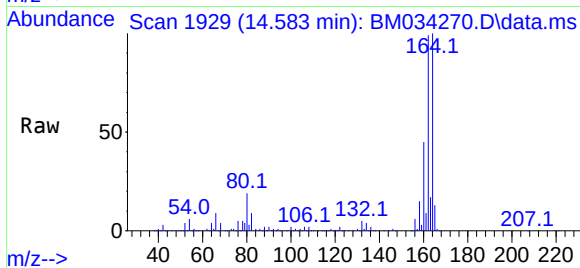
Tgt Ion:164 Resp: 435849
 Ion Ratio Lower Upper
 164 100
 162 98.6 81.6 122.4
 160 44.9 35.6 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.090 ng

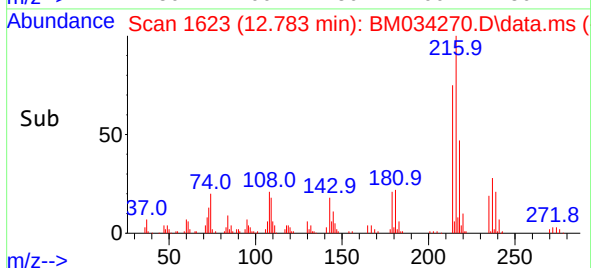
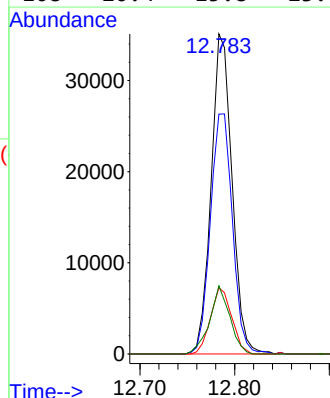
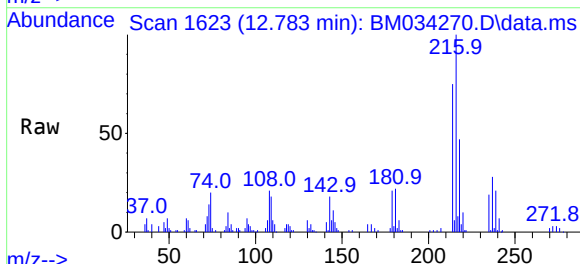
RT: 12.783 min Scan# 1623

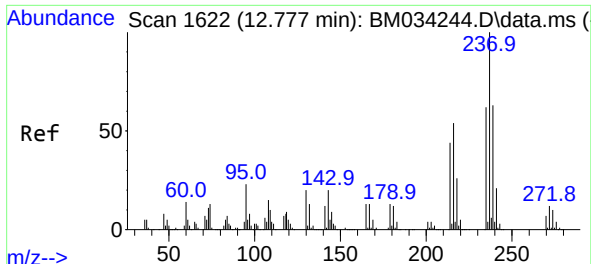
Delta R.T. -0.012 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

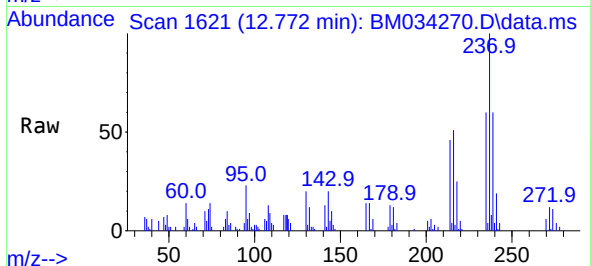
Tgt Ion:216 Resp: 53791
 Ion Ratio Lower Upper
 216 100
 214 79.6 62.7 94.1
 179 21.0 17.2 25.8
 108 20.4 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 4.234 ng
RT: 12.772 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

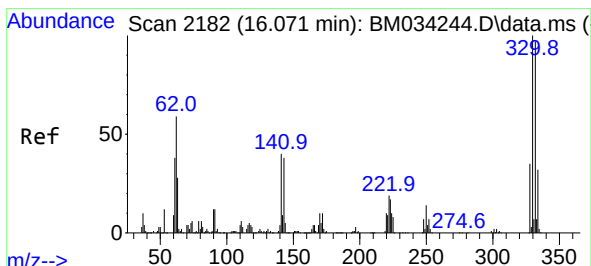
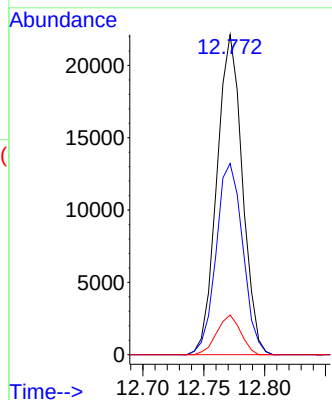
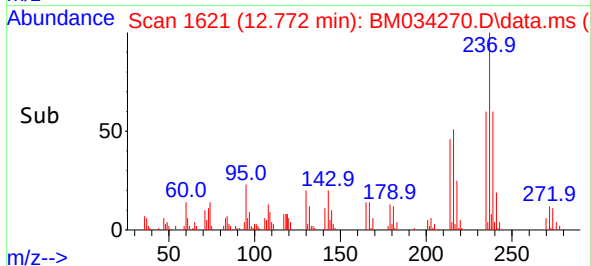
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



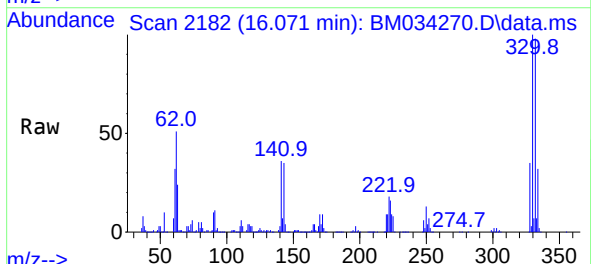
Tgt Ion:237 Resp: 3224
Ion Ratio Lower Upper
237 100
235 59.7 42.1 82.1
272 12.4 0.0 32.3

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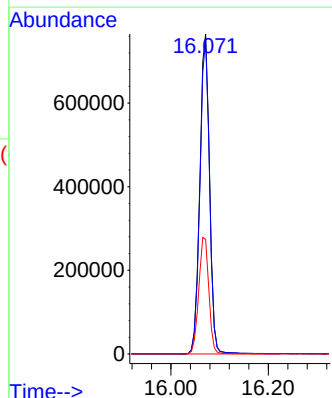
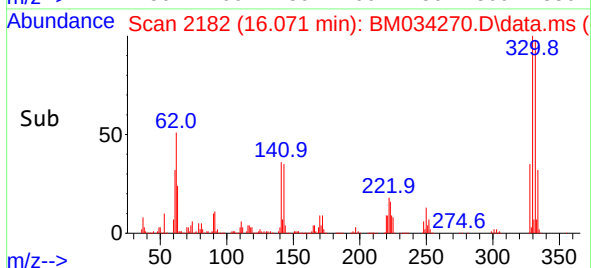
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

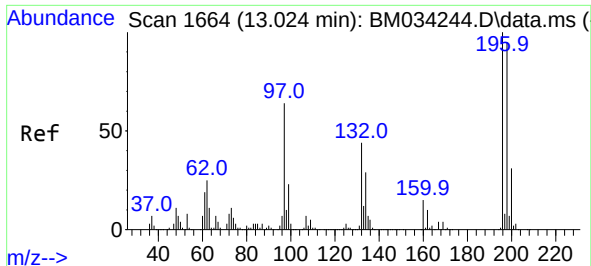


#42
2,4,6-Tribromophenol
Concen: 182.419 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



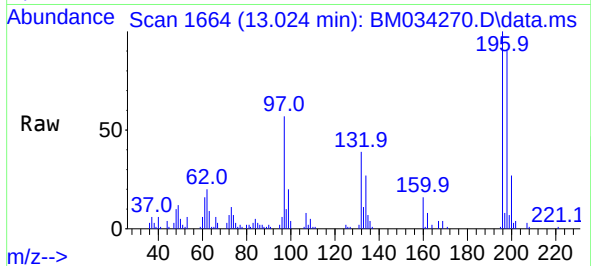
Tgt Ion:330 Resp: 1071653
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.4
141 37.7 30.6 45.8





#43
2,4,6-Trichlorophenol
Concen: 3.415 ng
RT: 13.024 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

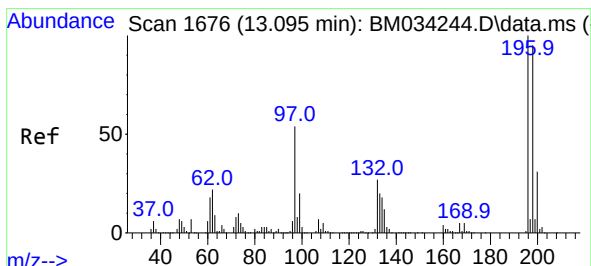
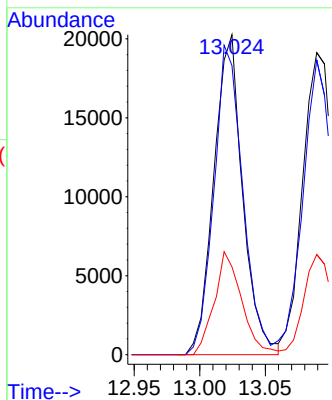
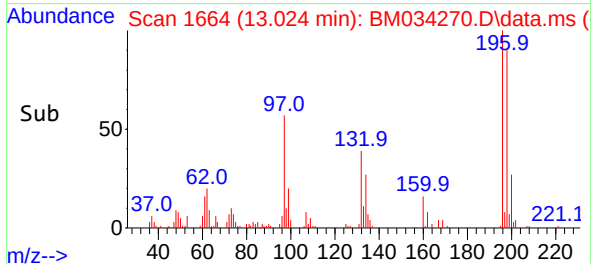
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



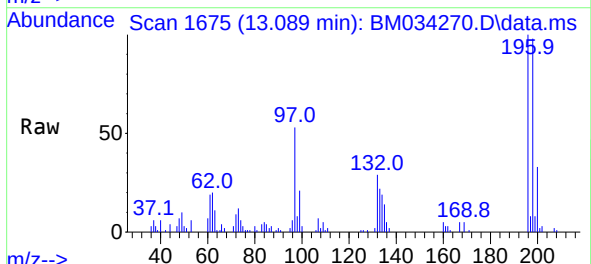
Tgt Ion:196 Resp: 3101
Ion Ratio Lower Upper
196 100
198 90.3 76.1 114.1
200 27.5 24.9 37.3

Manual Integrations
APPROVED

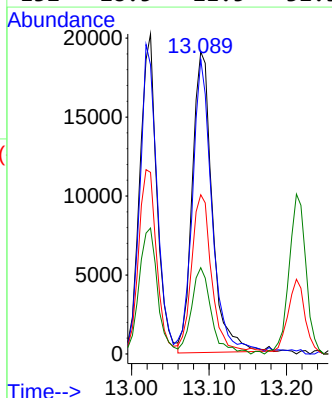
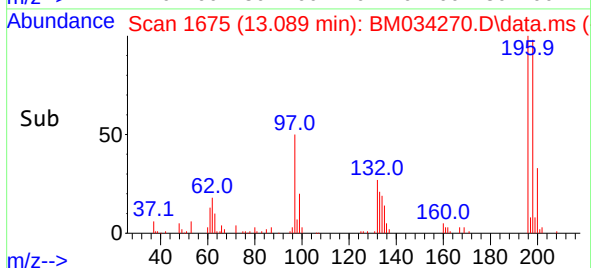
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

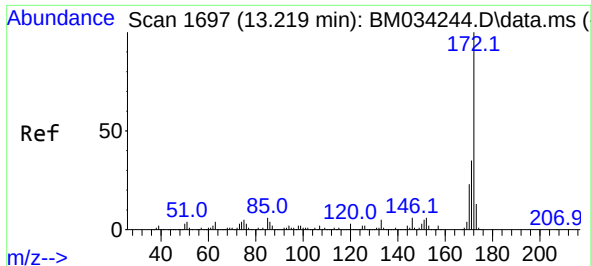


#44
2,4,5-Trichlorophenol
Concen: 3.513 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



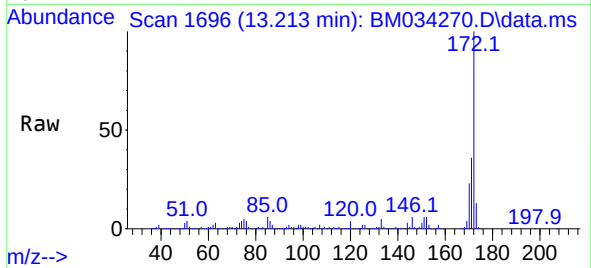
Tgt Ion:196 Resp: 34245
Ion Ratio Lower Upper
196 100
198 97.5 75.9 113.9
97 52.7 43.2 64.8
132 28.5 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 93.915 ng
RT: 13.213 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

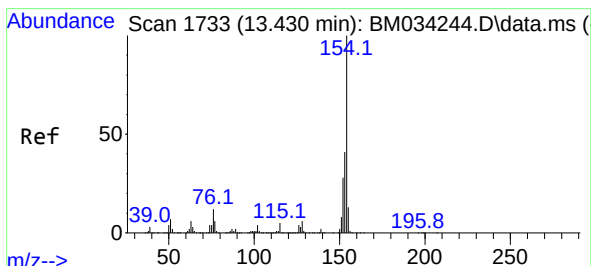
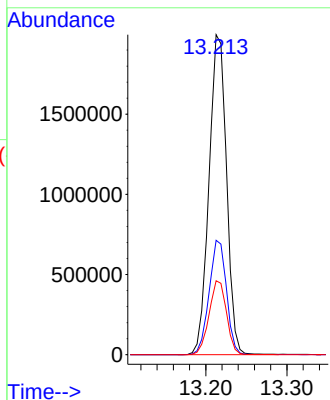
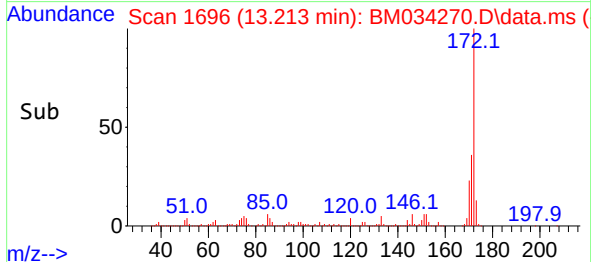
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



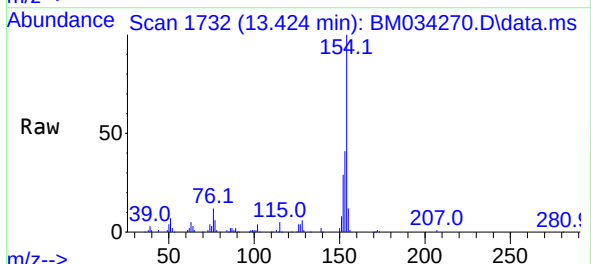
Tgt Ion:172 Resp: 2995454
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.1 18.6 28.0

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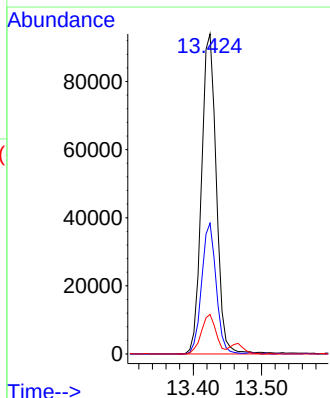
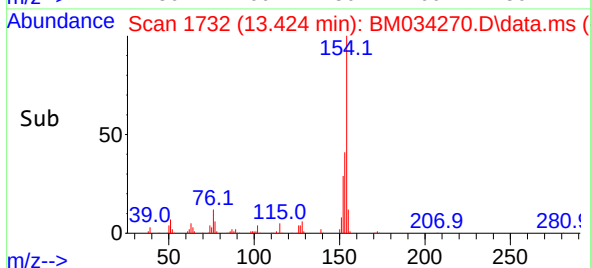
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



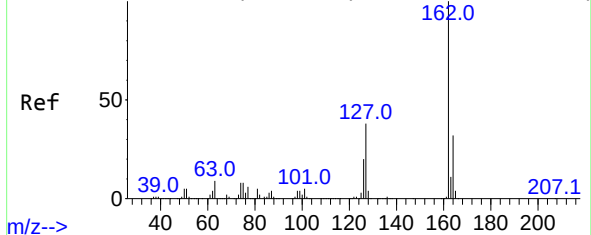
#46
1,1'-Biphenyl
Concen: 4.275 ng
RT: 13.424 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



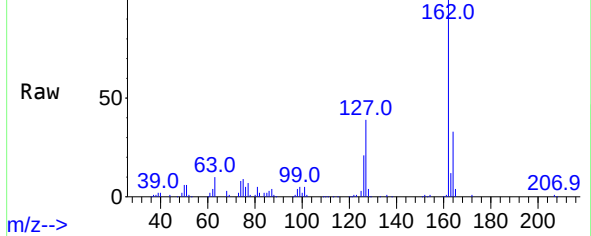
Tgt Ion:154 Resp: 142074
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 12.3 0.0 32.1



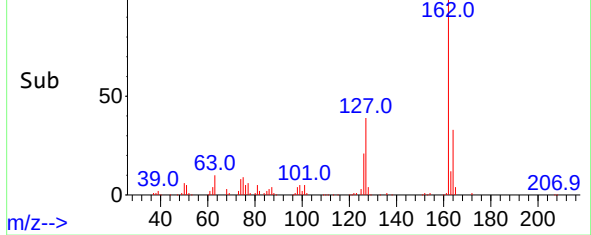
Abundance Scan 1740 (13.471 min): BM034244.D\data.ms (



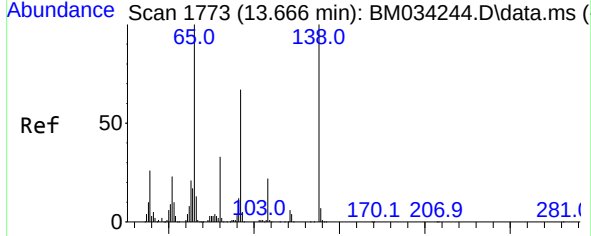
m/z--> Abundance Scan 1739 (13.466 min): BM034270.D\data.ms



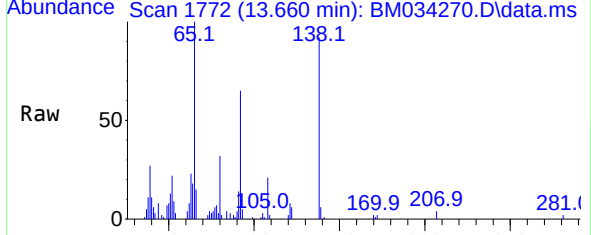
m/z--> Abundance Scan 1739 (13.466 min): BM034270.D\data.ms (



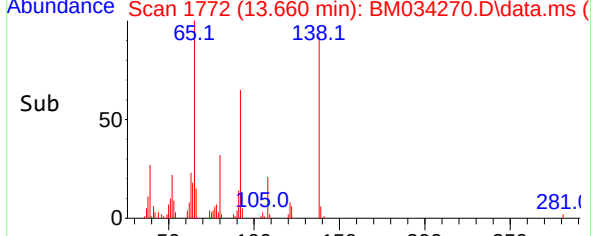
m/z--> Abundance Scan 1773 (13.666 min): BM034244.D\data.ms (



m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms



m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (



m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (



m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

m/z--> Abundance Scan 1772 (13.660 min): BM034270.D\data.ms (

#47

2-Chloronaphthalene

Concen: 4.131 ng

RT: 13.466 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

Tgt Ion:162 Resp: 10537

Ion Ratio Lower Upper

162 100

127 39.0 30.4 45.6

164 32.5 25.8 38.8

Instrument :

BNA_M

ClientSampleId :

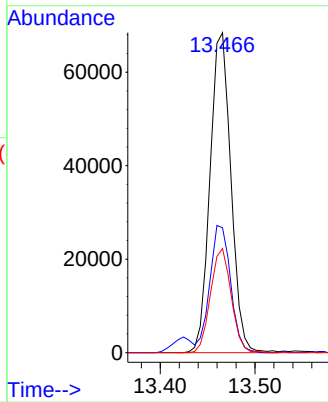
MDL-SOIL-03-QT1-2022

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#48

2-Nitroaniline

Concen: 3.024 ng

RT: 13.660 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BM034270.D

Acq: 17 Mar 2022 11:10

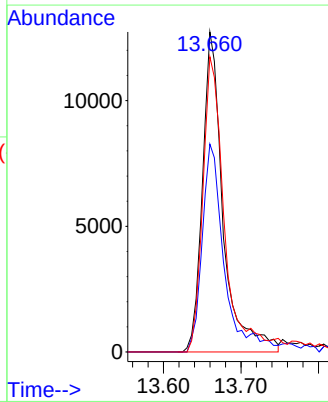
Tgt Ion: 65 Resp: 23580

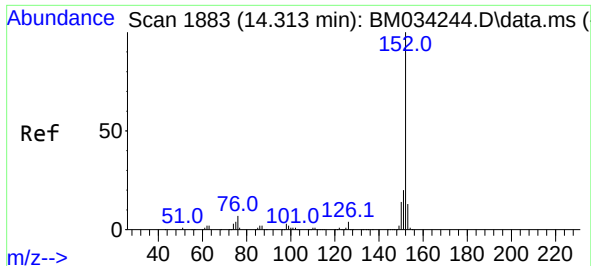
Ion Ratio Lower Upper

65 100

92 64.9 53.8 80.8

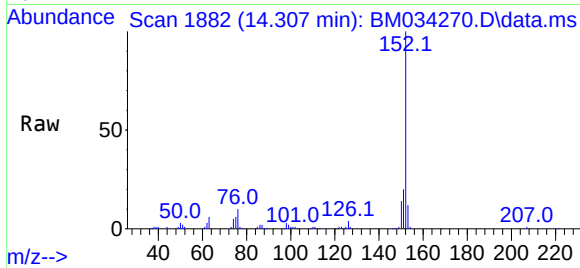
138 92.3 79.9 119.9





#49
Acenaphthylene
Concen: 4.188 ng
RT: 14.307 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

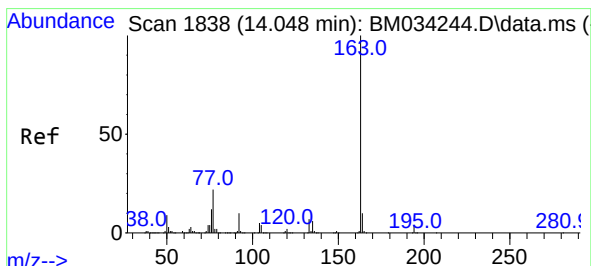
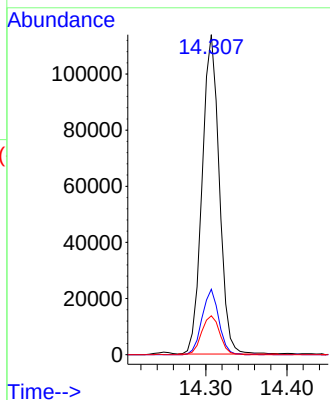
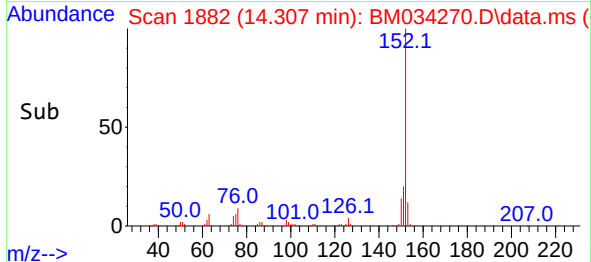
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



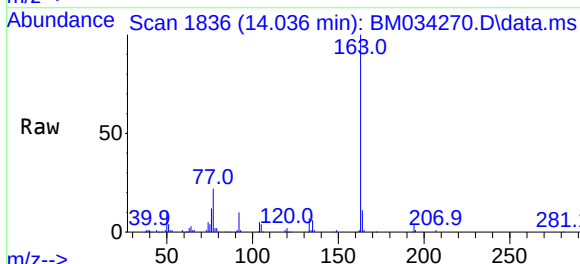
Tgt Ion:152 Resp: 166500
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 12.1 10.6 16.0

Manual Integrations
APPROVED

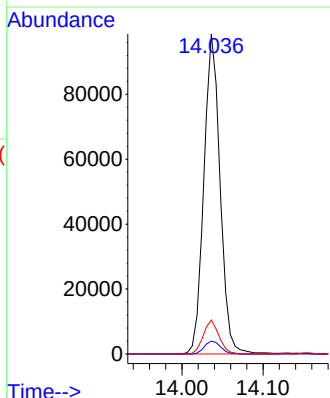
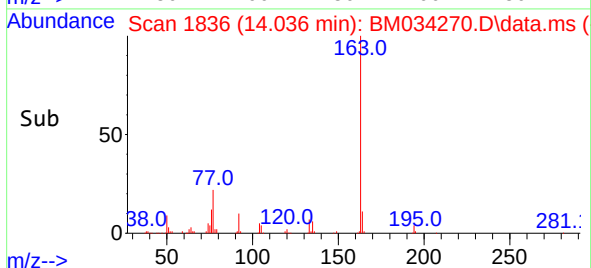
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

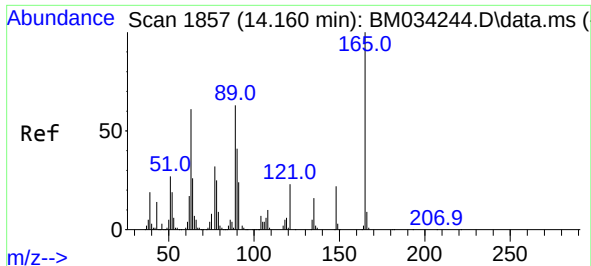


#50
Dimethylphthalate
Concen: 4.122 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



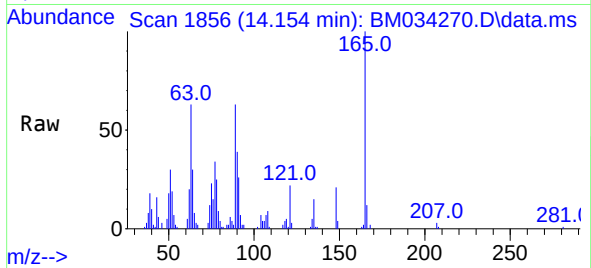
Tgt Ion:163 Resp: 136742
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 3.878 ng
RT: 14.154 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

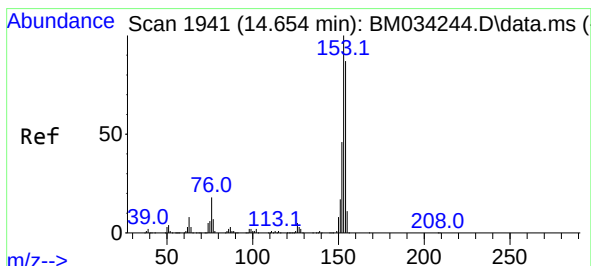
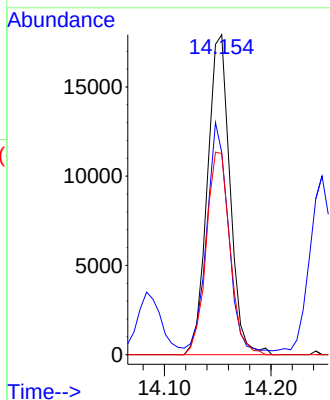
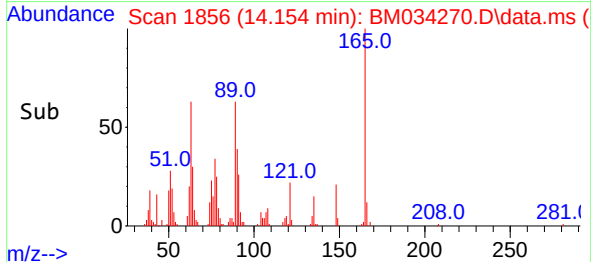
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:165 Resp: 2638
Ion Ratio Lower Upper
165 100
63 63.2 51.9 77.9
89 62.9 50.6 76.0

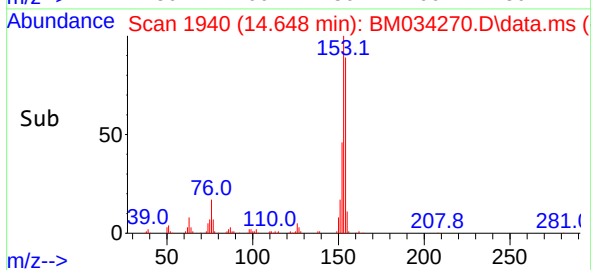
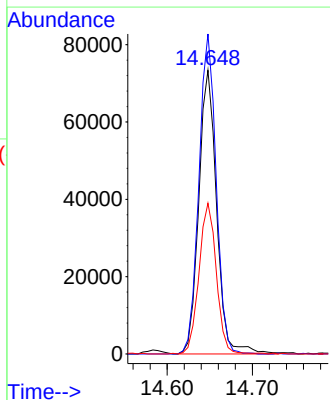
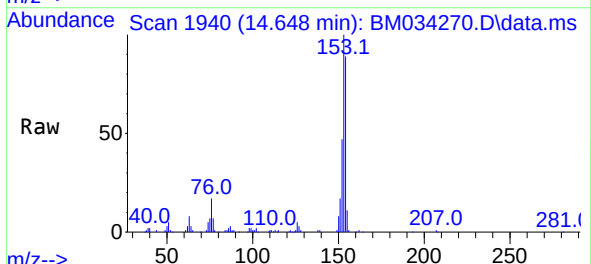
Manual Integrations
APPROVED

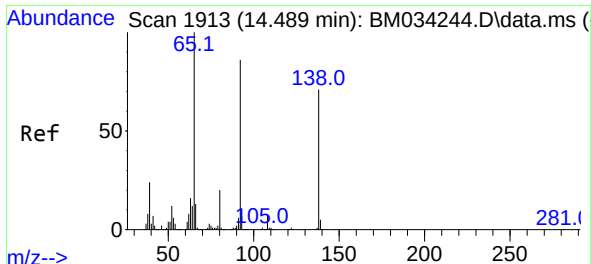
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#52
Acenaphthene
Concen: 3.998 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

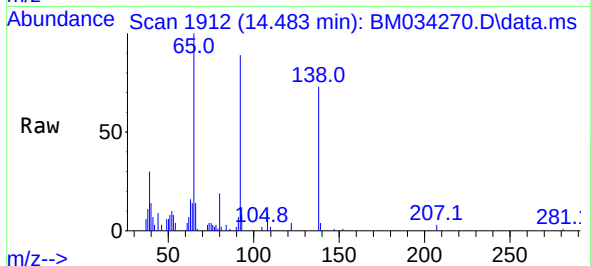
Tgt Ion:154 Resp: 107074
Ion Ratio Lower Upper
154 100
153 112.8 91.8 137.8
152 53.1 42.6 64.0





#53
3-Nitroaniline
Concen: 2.807 ng
RT: 14.483 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

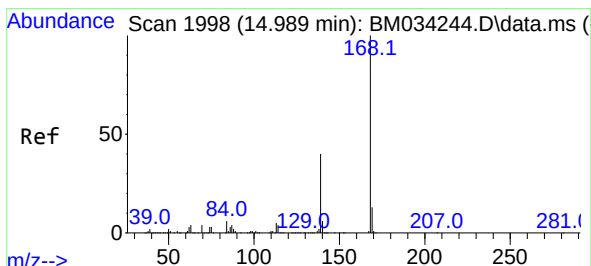
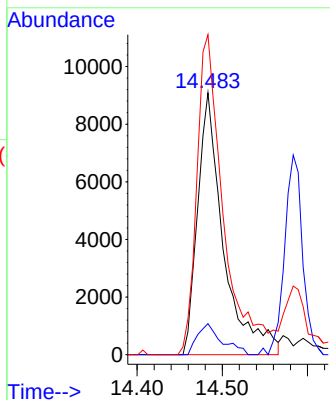
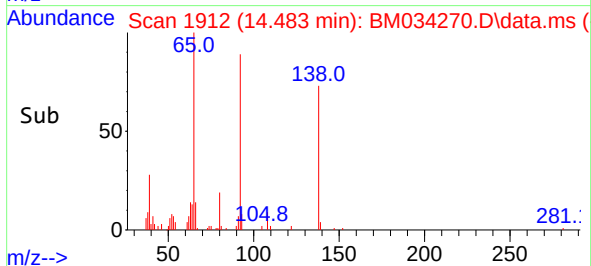
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:138 Resp: 1916
Ion Ratio Lower Upper
138 100
108 11.9 8.3 12.5
92 122.1 97.6 146.4

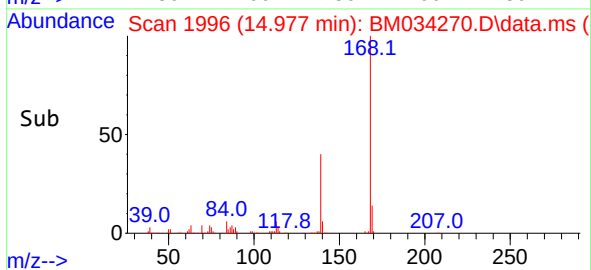
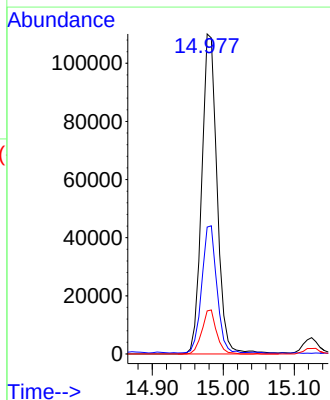
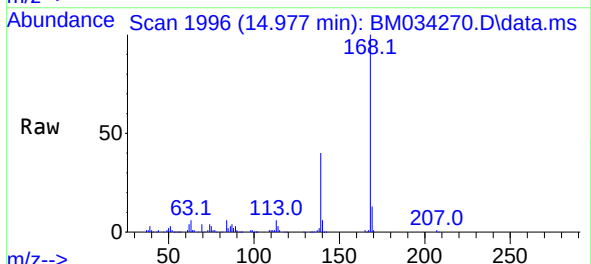
Manual Integrations
APPROVED

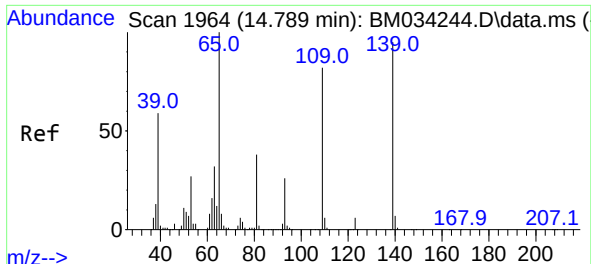
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#55
Dibenzofuran
Concen: 4.159 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

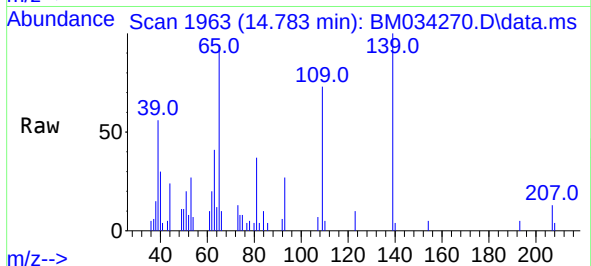
Tgt Ion:168 Resp: 165985
Ion Ratio Lower Upper
168 100
139 39.7 32.4 48.6
169 13.5 10.8 16.2





#56
4-Nitrophenol
Concen: 2.243 ng m
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

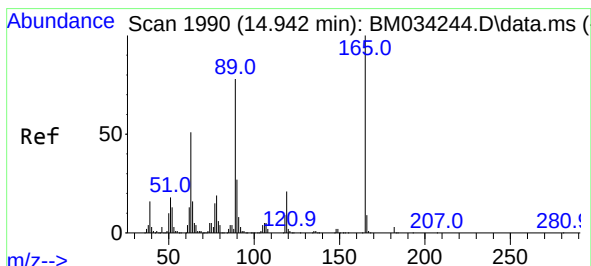
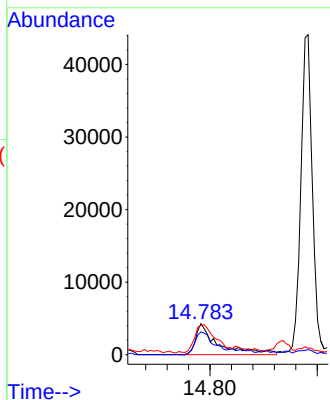
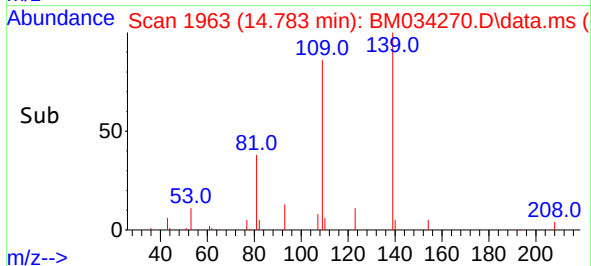
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



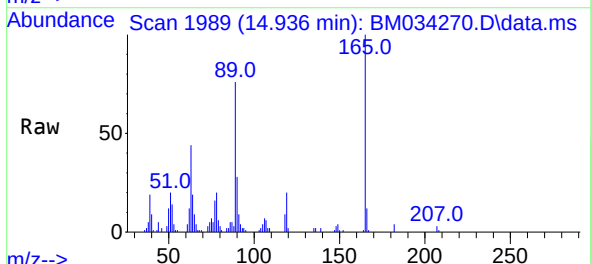
Tgt Ion:139 Resp: 1241
Ion Ratio Lower Upper
139 100
109 73.1 66.3 106.3
65 93.7 85.5 125.5

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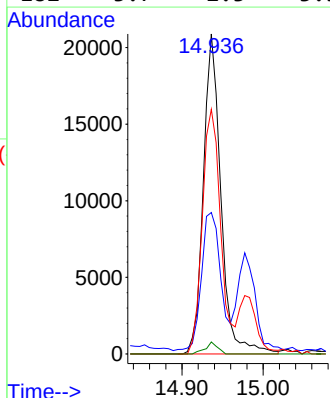
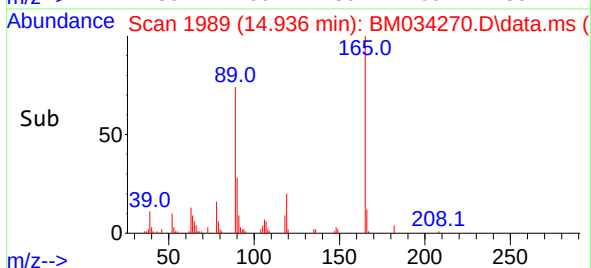
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

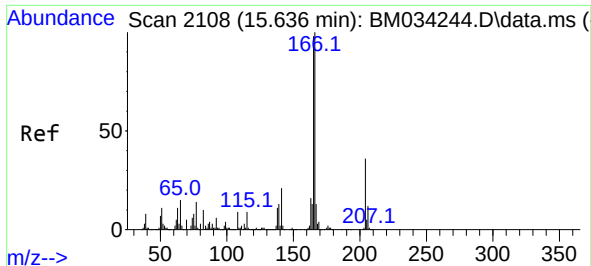


#57
2,4-Dinitrotoluene
Concen: 3.404 ng
RT: 14.936 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



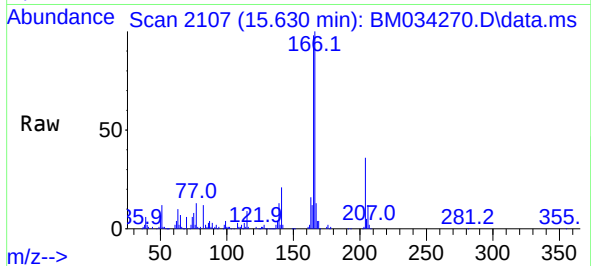
Tgt Ion:165 Resp: 31307
Ion Ratio Lower Upper
165 100
63 44.2 40.6 61.0
89 76.5 62.7 94.1
182 3.7 2.3 3.5#





#58
Fluorene
Concen: 4.041 ng
RT: 15.630 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

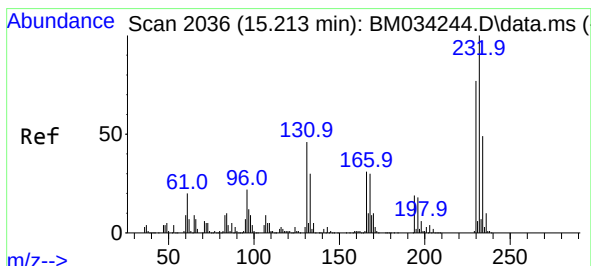
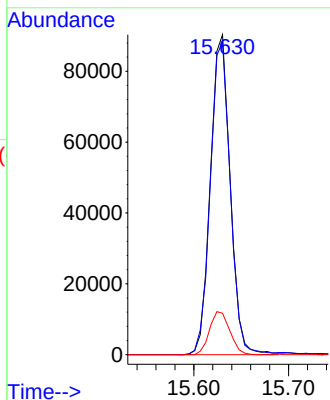
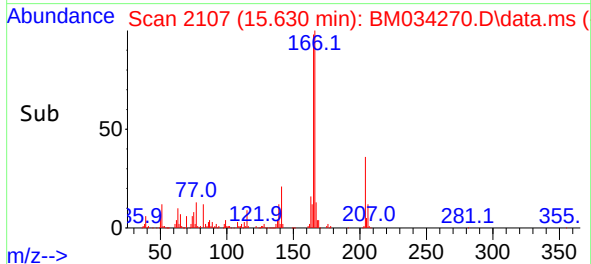
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



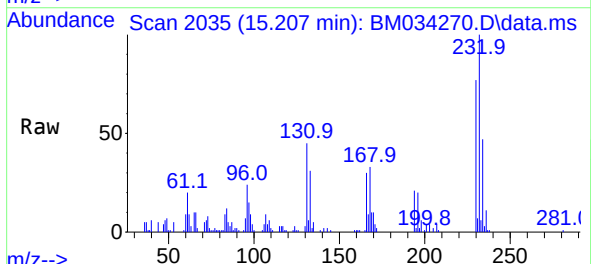
Tgt Ion:166 Resp: 130919
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 13.0 10.5 15.7

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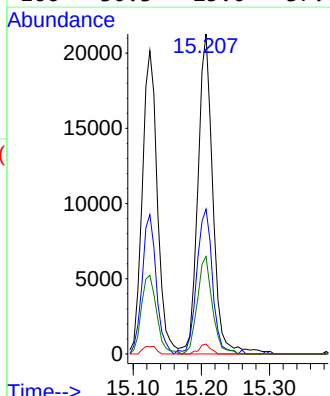
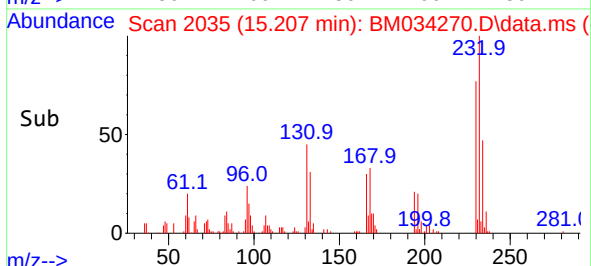
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

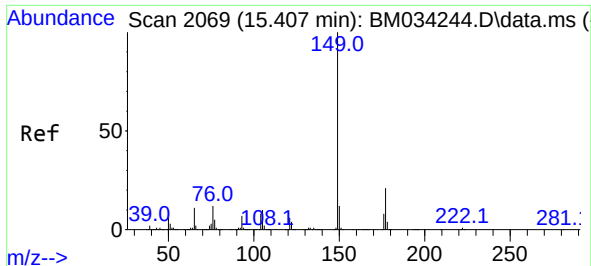


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.694 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



Tgt Ion:232 Resp: 32472
Ion Ratio Lower Upper
232 100
131 47.3 38.0 57.0
130 2.4 2.2 3.2
166 30.3 25.0 37.4





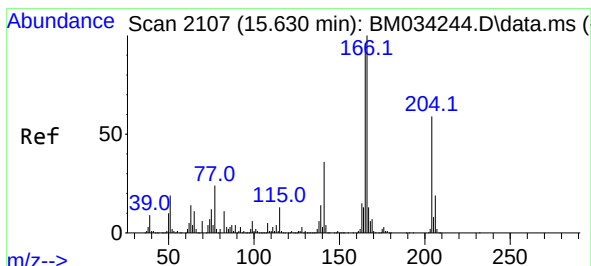
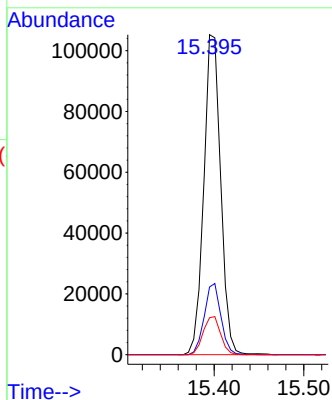
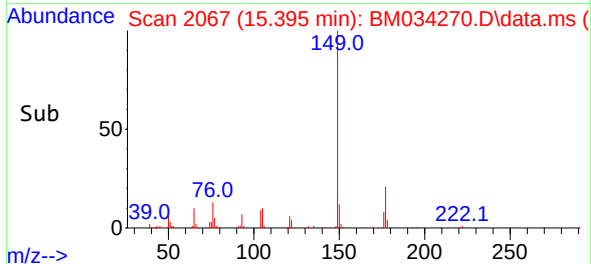
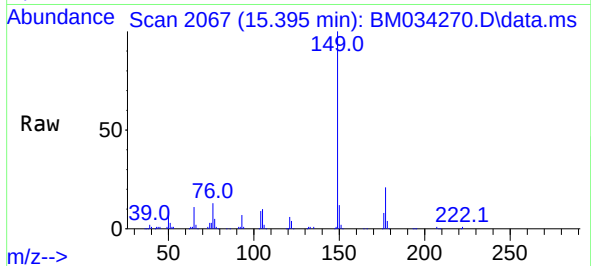
#60
Diethylphthalate
Concen: 4.045 ng
RT: 15.395 min Scan# 2069
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:149 Resp: 13765
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 11.5 9.9 14.9

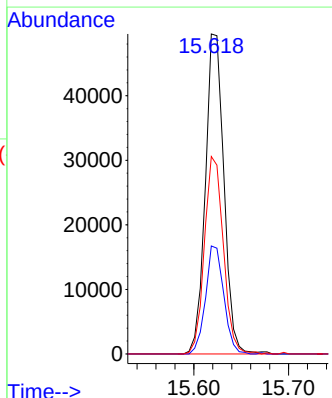
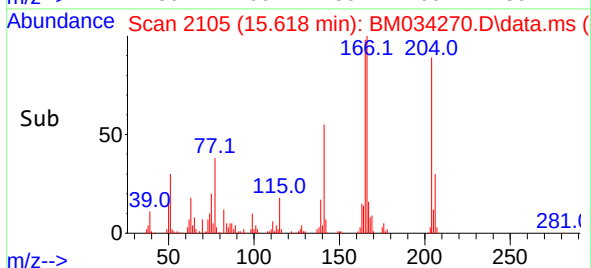
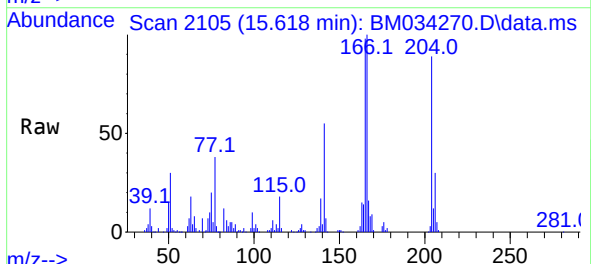
Manual Integrations
APPROVED

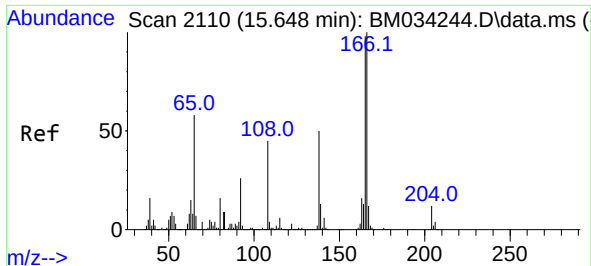
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#61
4-Chlorophenyl-phenylether
Concen: 4.085 ng
RT: 15.618 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

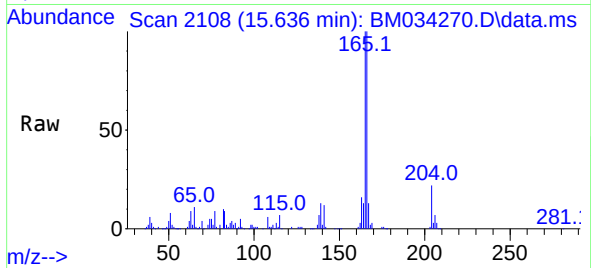
Tgt Ion:204 Resp: 67579
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 61.7 49.4 74.2





#62
4-Nitroaniline
Concen: 2.568 ng m
RT: 15.636 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

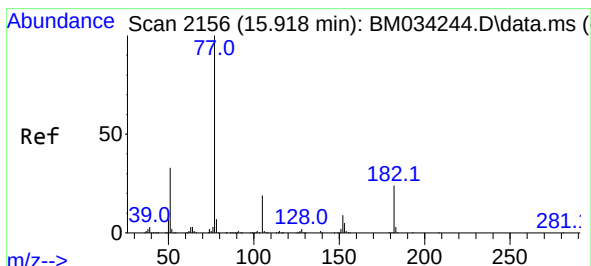
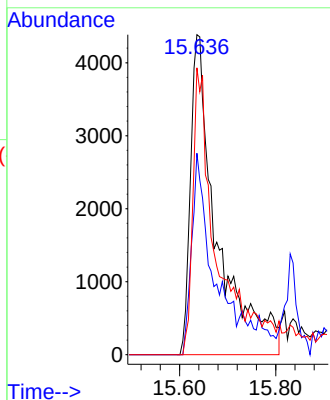
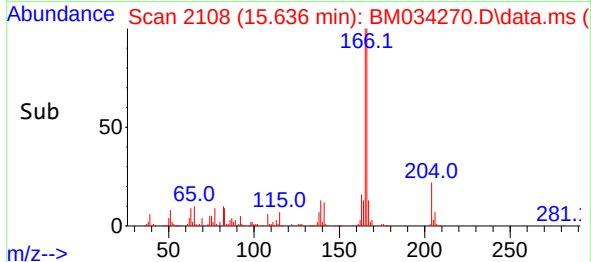
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:138 Resp: 1686
Ion Ratio Lower Upper
138 100
92 62.9 32.6 72.6
108 89.6 69.8 109.8

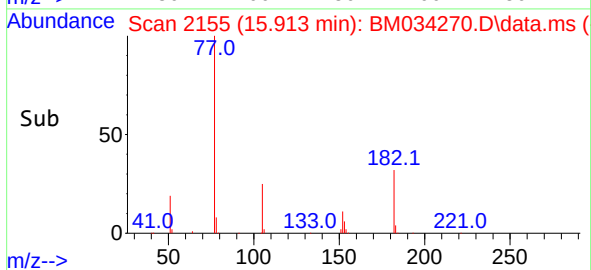
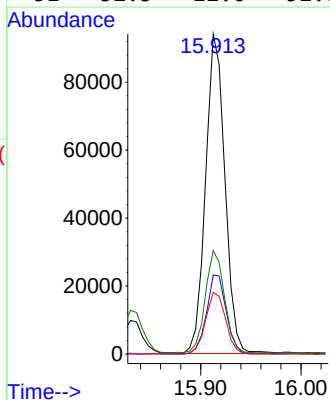
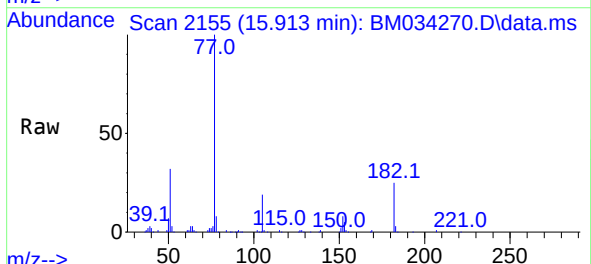
Manual Integrations
APPROVED

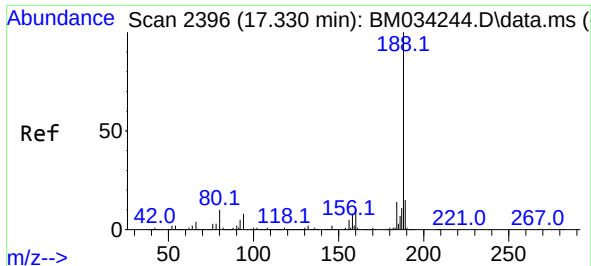
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#63
Azobenzene
Concen: 3.847 ng
RT: 15.913 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

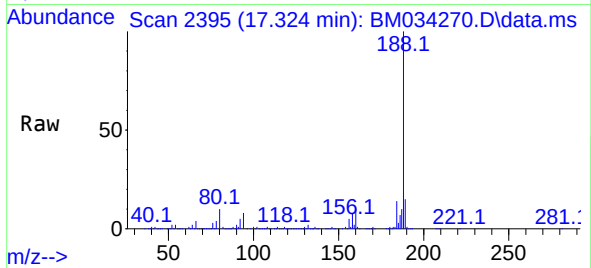
Tgt Ion: 77 Resp: 126260
Ion Ratio Lower Upper
77 100
182 24.7 4.4 44.4
105 19.3 0.0 38.7
51 32.3 12.6 52.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

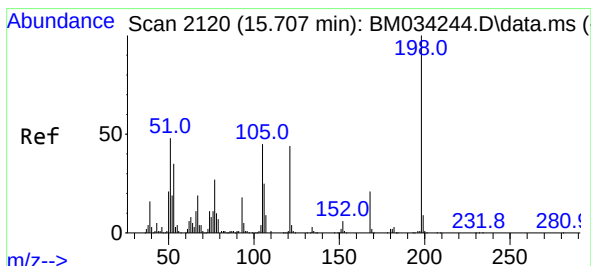
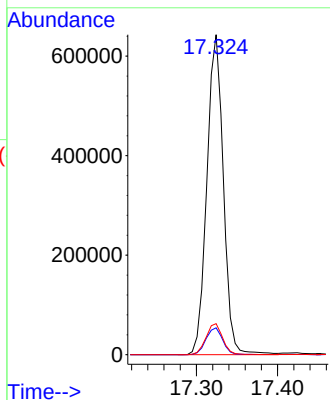
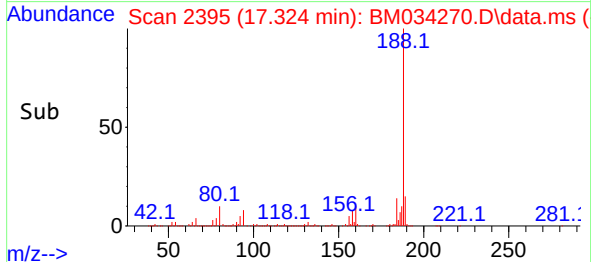
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



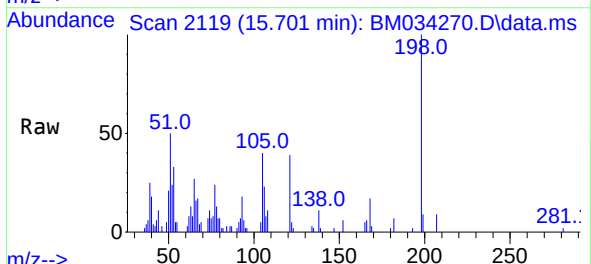
Tgt Ion:188 Resp: 906260
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 9.7 7.8 11.8

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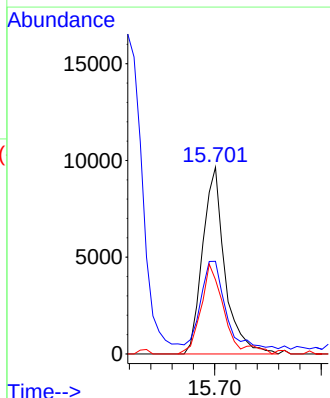
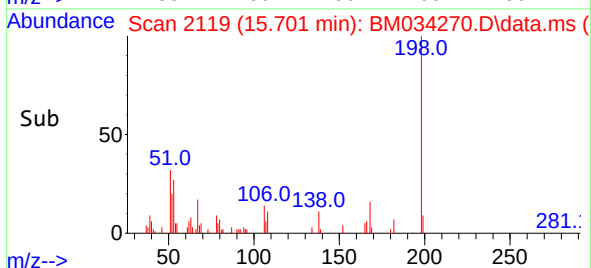
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

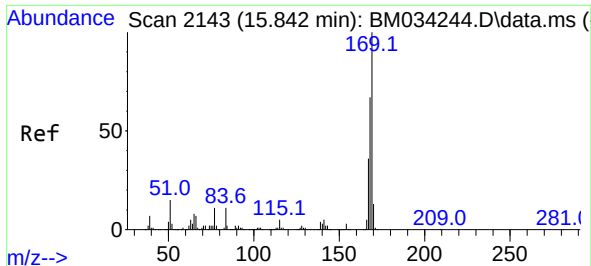


#65
4,6-Dinitro-2-methylphenol
Concen: 2.372 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



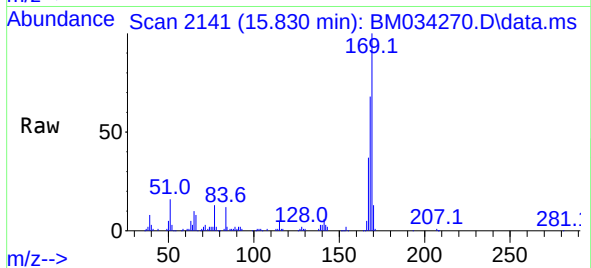
Tgt Ion:198 Resp: 13976
Ion Ratio Lower Upper
198 100
51 49.6 29.0 69.0
105 39.7 25.3 65.3





#66
n-Nitrosodiphenylamine
Concen: 3.927 ng
RT: 15.830 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

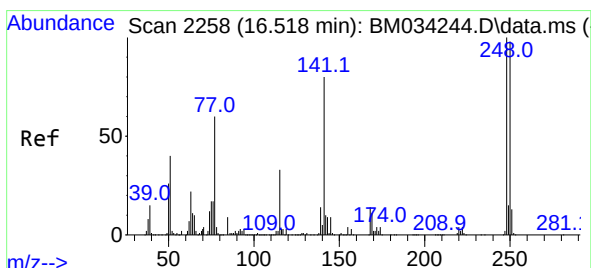
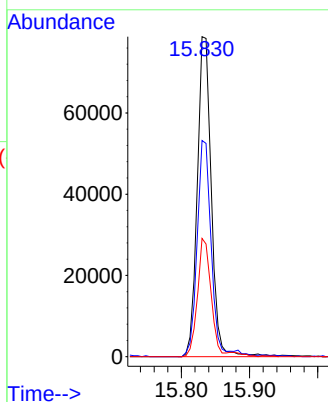
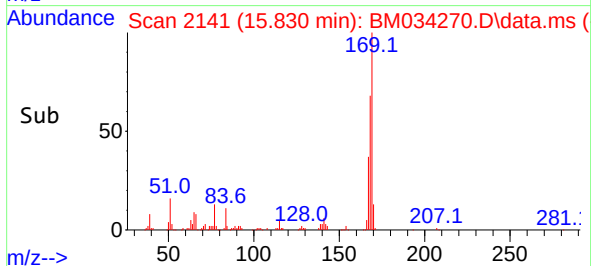
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



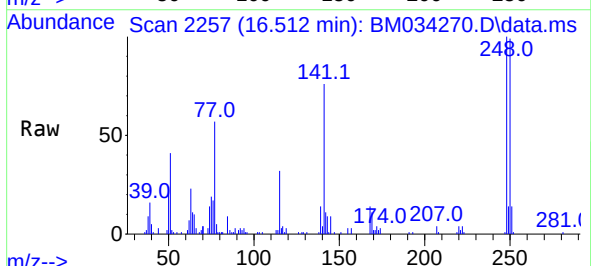
Tgt Ion:169 Resp: 113059
Ion Ratio Lower Upper
169 100
168 67.5 53.9 80.9
167 36.9 29.0 43.4

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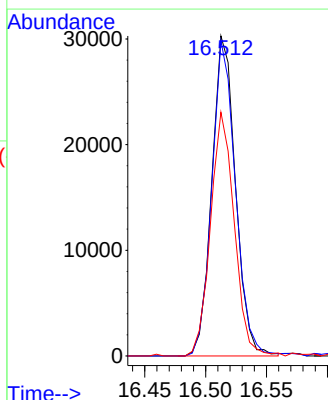
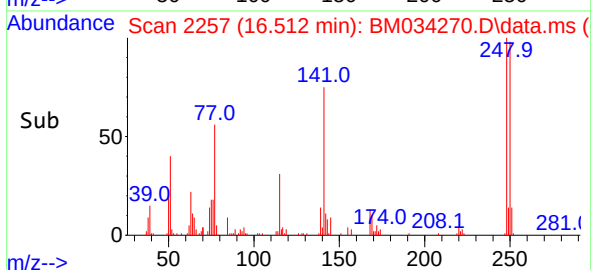
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

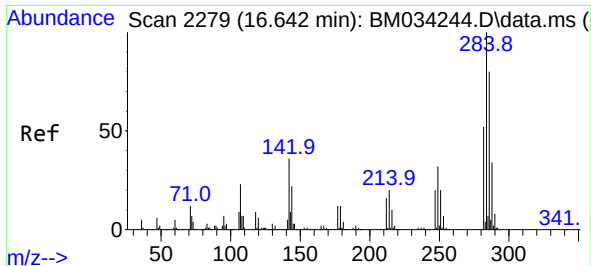


#67
4-Bromophenyl-phenylether
Concen: 3.928 ng
RT: 16.512 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



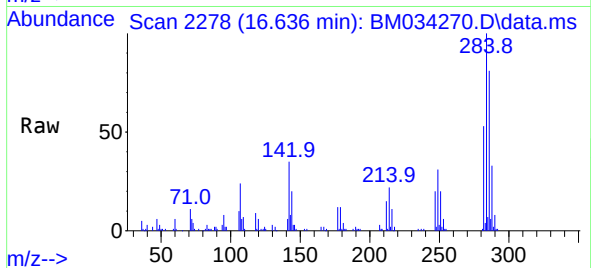
Tgt Ion:248 Resp: 40922
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 76.2 63.8 95.6





#68
Hexachlorobenzene
Concen: 4.114 ng
RT: 16.636 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

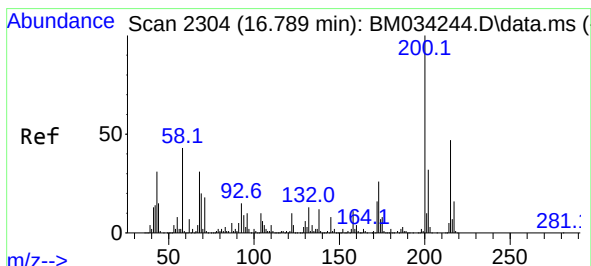
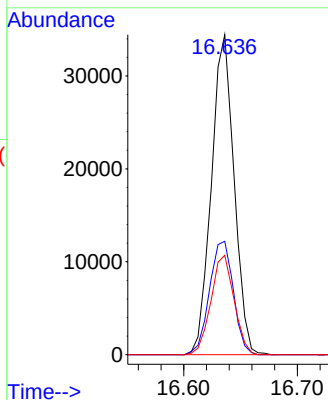
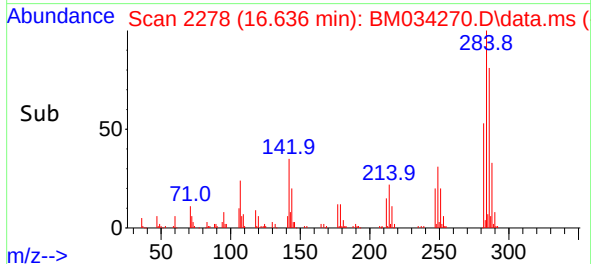
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



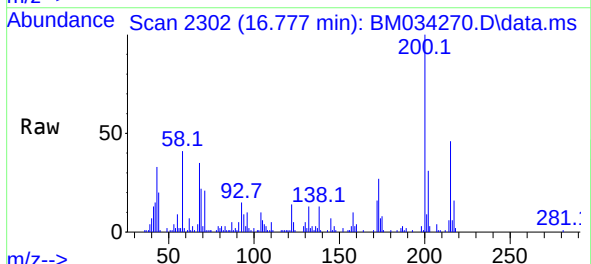
Tgt Ion:284 Resp: 47800
Ion Ratio Lower Upper
284 100
142 35.5 28.9 43.3
249 31.1 25.4 38.0

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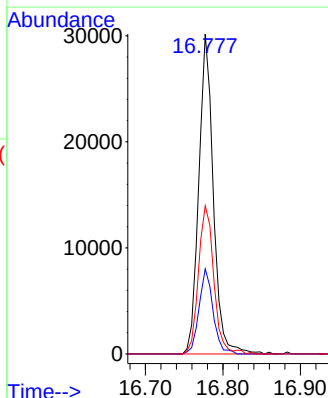
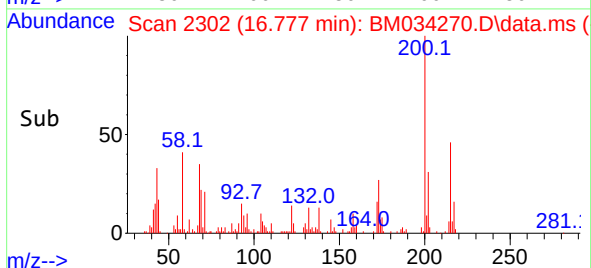
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

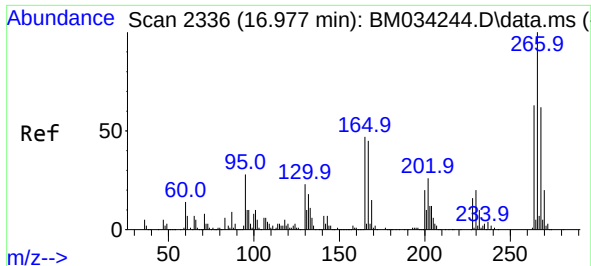


#69
Atrazine
Concen: 4.148 ng
RT: 16.777 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



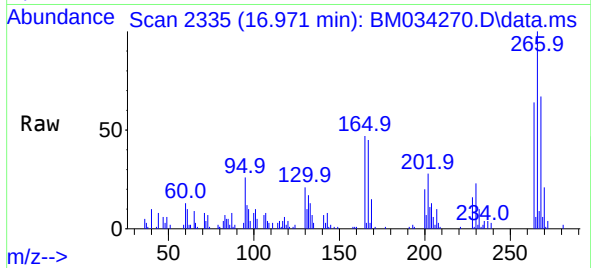
Tgt Ion:200 Resp: 39366
Ion Ratio Lower Upper
200 100
173 26.6 6.1 46.1
215 46.3 27.4 67.4





#70
Pentachlorophenol
Concen: 3.186 ng
RT: 16.971 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

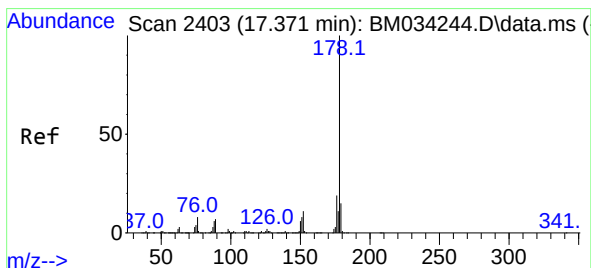
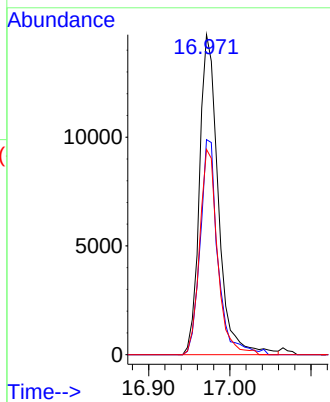
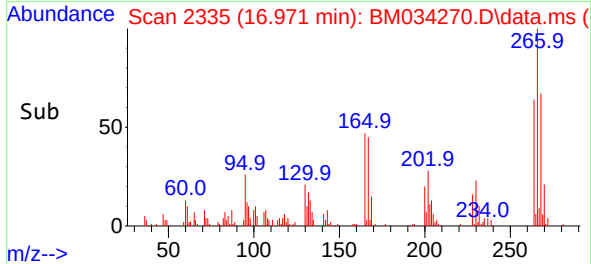
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:266 Resp: 23678
Ion Ratio Lower Upper
266 100
268 67.2 49.8 74.8
264 64.1 50.3 75.5

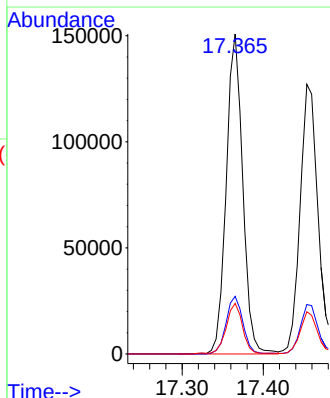
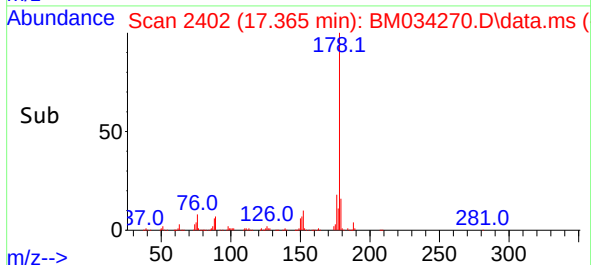
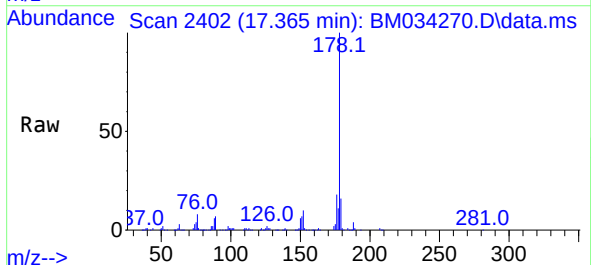
Manual Integrations
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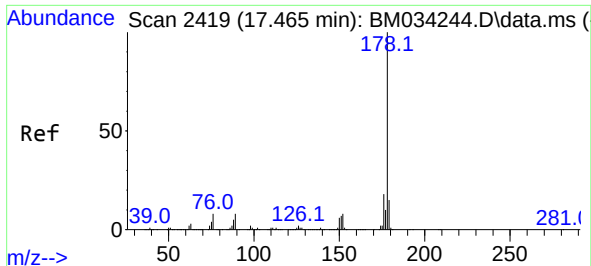
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#71
Phenanthrene
Concen: 4.194 ng
RT: 17.365 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

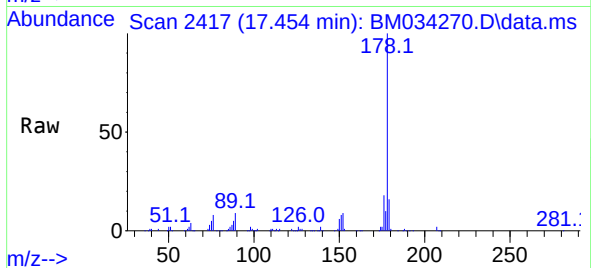
Tgt Ion:178 Resp: 212872
Ion Ratio Lower Upper
178 100
176 18.0 15.1 22.7
179 15.8 12.2 18.4





#72
 Anthracene
 Concen: 4.110 ng
 RT: 17.454 min Scan# 2419
 Delta R.T. -0.012 min
 Lab File: BM034270.D
 Acq: 17 Mar 2022 11:10

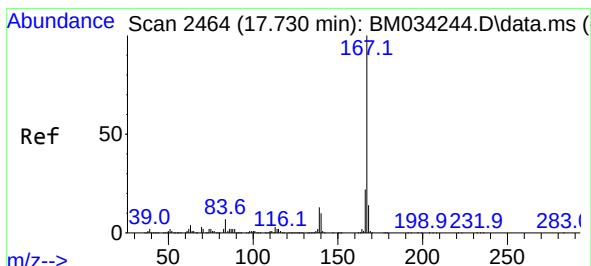
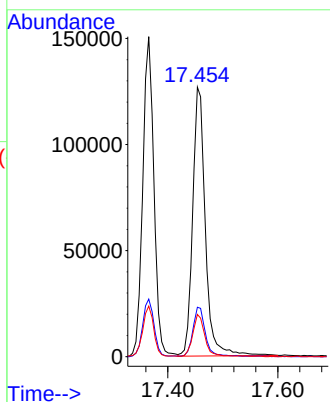
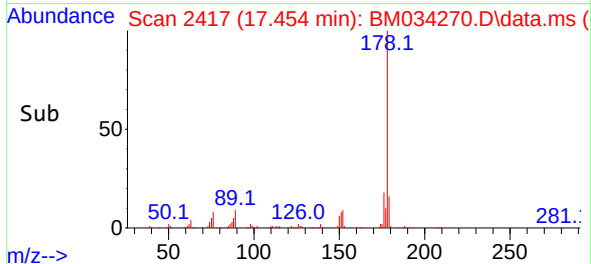
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



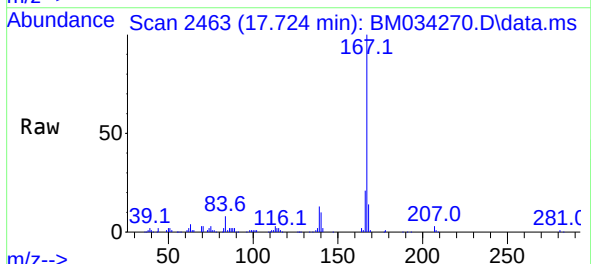
Tgt Ion:178 Resp: 203000
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.7 12.2 18.2

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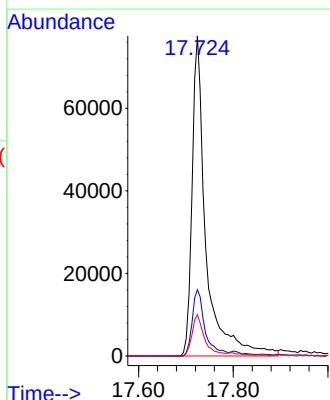
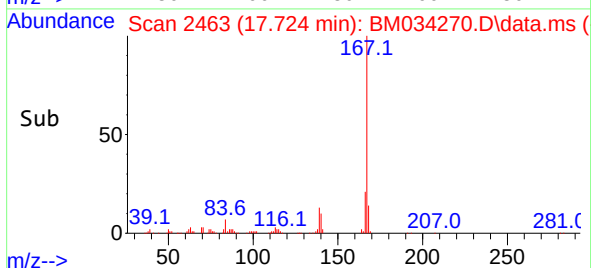
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022

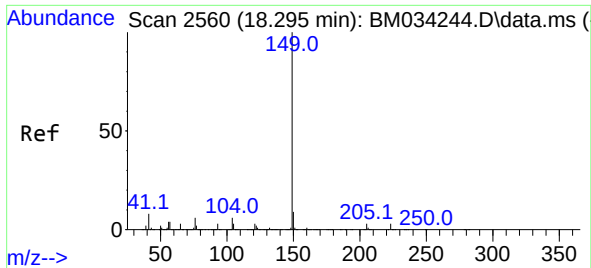


#73
 Carbazole
 Concen: 3.433 ng
 RT: 17.724 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BM034270.D
 Acq: 17 Mar 2022 11:10



Tgt Ion:167 Resp: 158146
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.2
 139 12.9 10.4 15.6





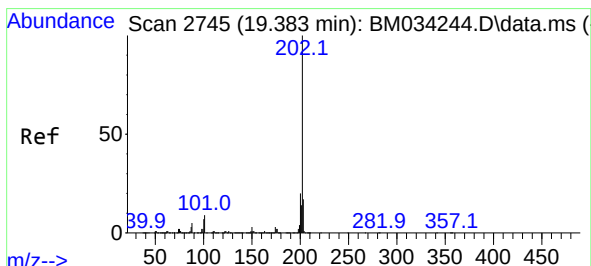
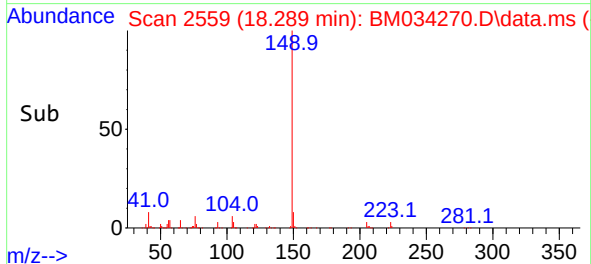
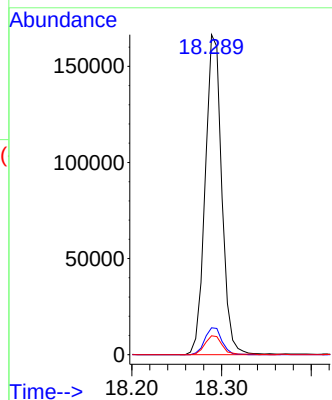
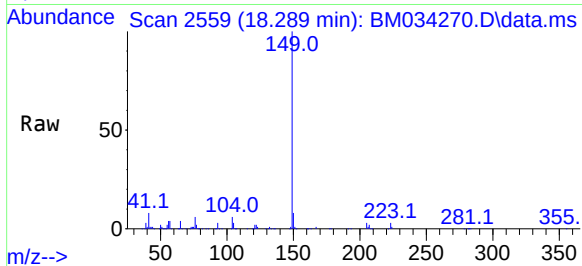
#74
Di-n-butylphthalate
Concen: 3.718 ng
RT: 18.289 min Scan# 21292
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:149 Resp: 21292
Ion Ratio Lower Upper
149 100
150 8.4 7.6 11.4
104 5.9 4.7 7.1

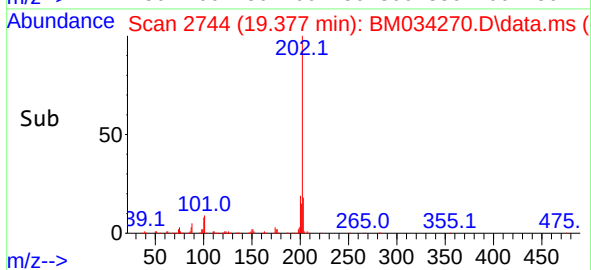
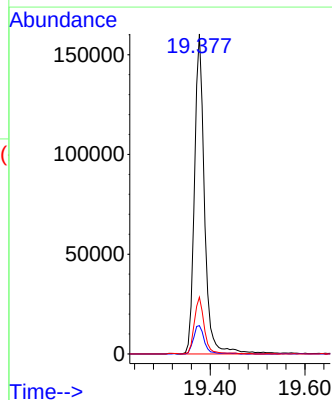
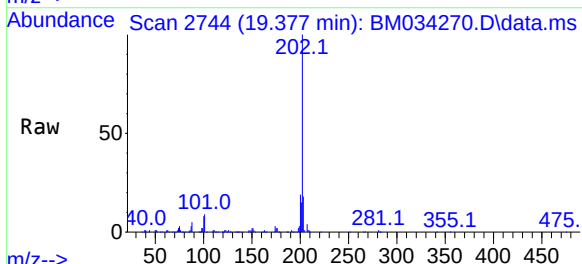
Manual Integrations
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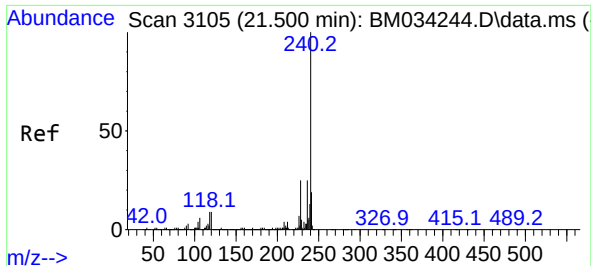
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#75
Fluoranthene
Concen: 4.168 ng
RT: 19.377 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Tgt Ion:202 Resp: 237154
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.4
203 17.7 0.0 37.1





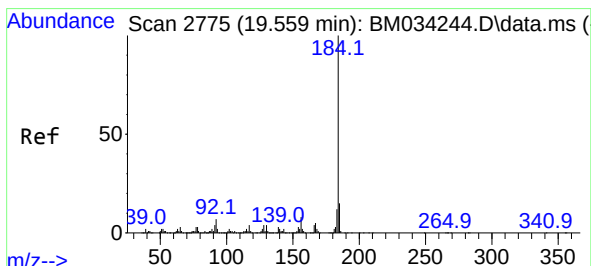
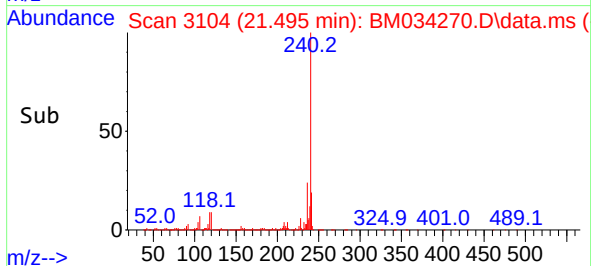
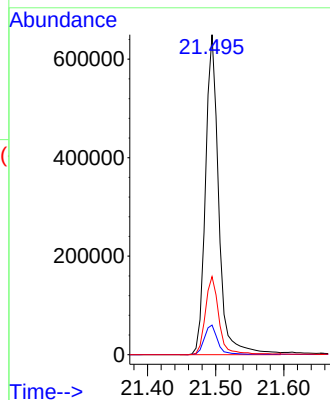
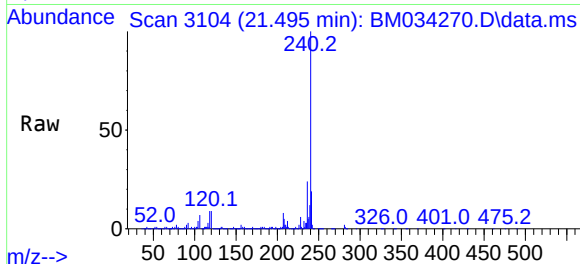
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:240 Resp: 88054
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 24.4 20.2 30.2

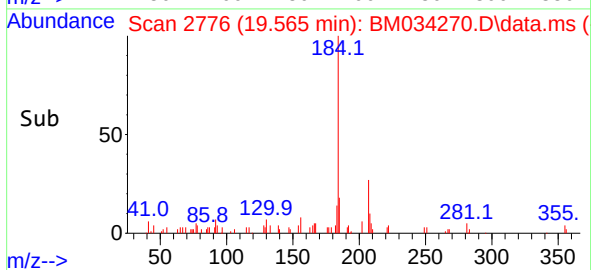
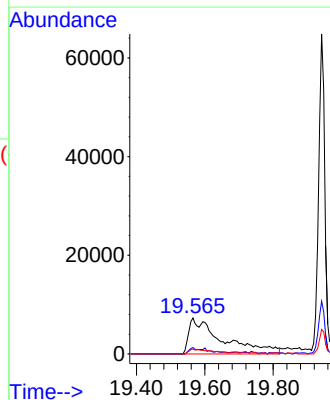
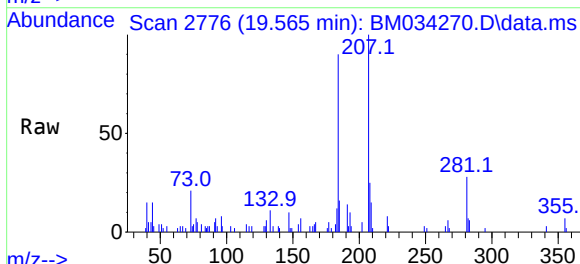
Manual Integrations
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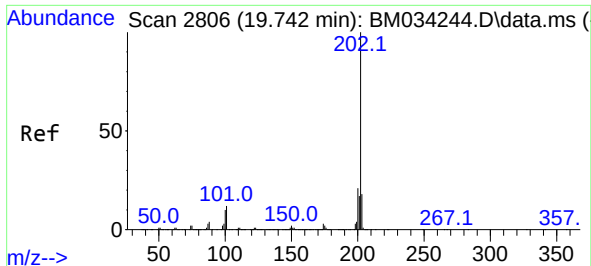
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#77
Benzidine
Concen: 3.854 ng m
RT: 19.565 min Scan# 2776
Delta R.T. 0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

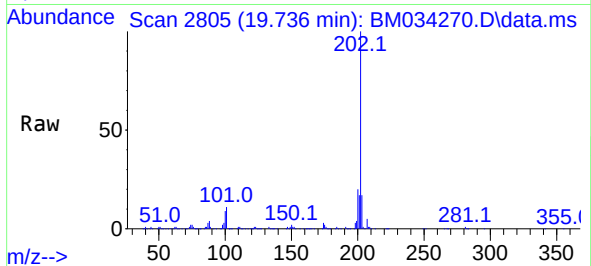
Tgt Ion:184 Resp: 49727
Ion Ratio Lower Upper
184 100
185 17.7 11.7 17.5#
183 13.7 9.8 14.6





#78
Pyrene
Concen: 3.993 ng
RT: 19.736 min Scan# 247710
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

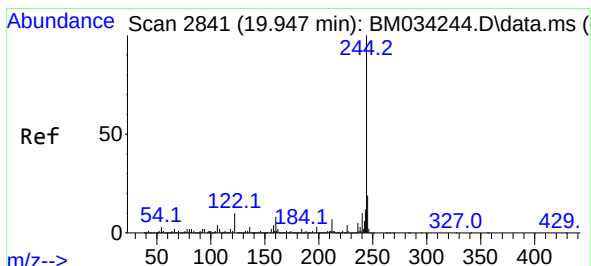
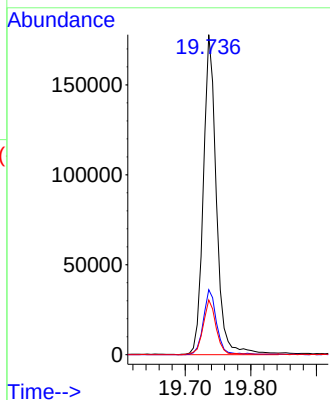
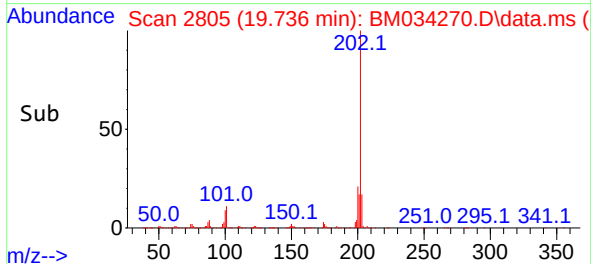
Instrument : BNA_M
ClientSampleId : MDL-SOIL-03-QT1-2022



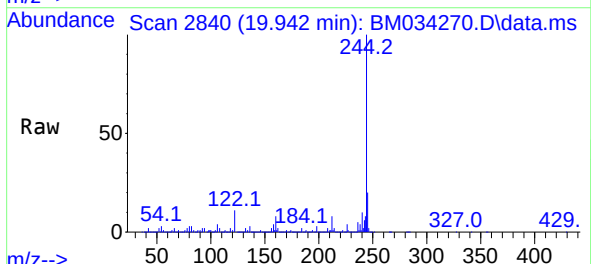
Tgt Ion:202 Resp: 247710
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.1 14.1 21.1

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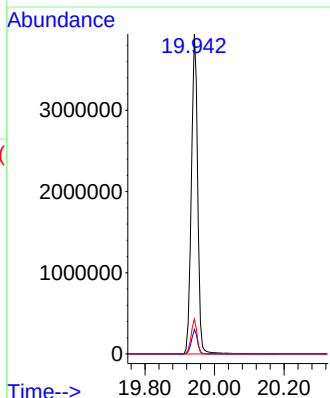
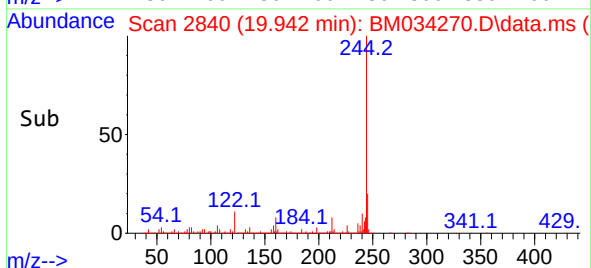
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

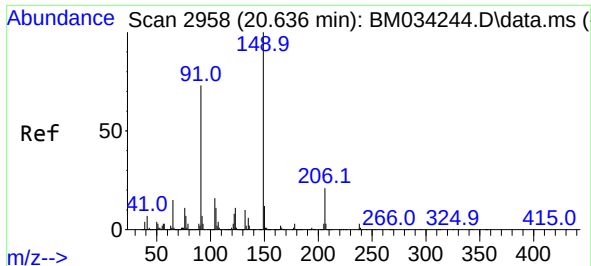


#79
Terphenyl-d14
Concen: 98.290 ng
RT: 19.942 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



Tgt Ion:244 Resp: 4980926
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 10.9 7.8 11.8





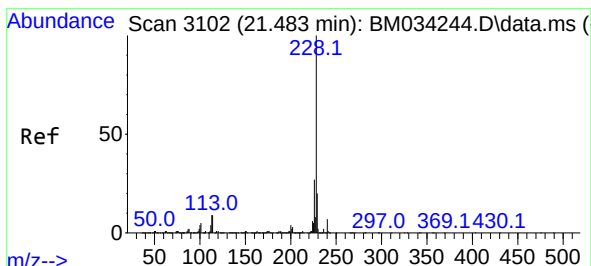
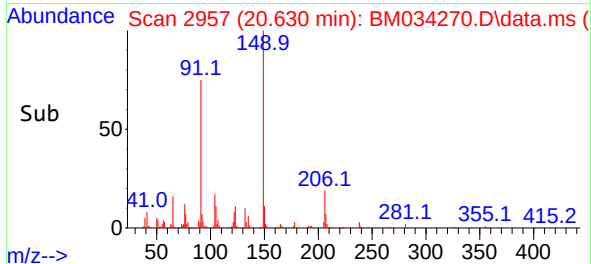
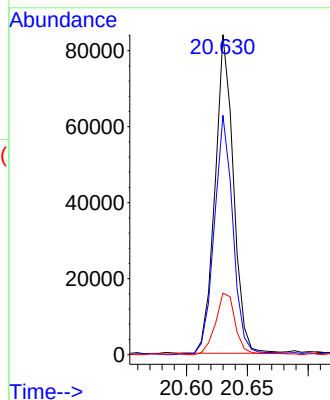
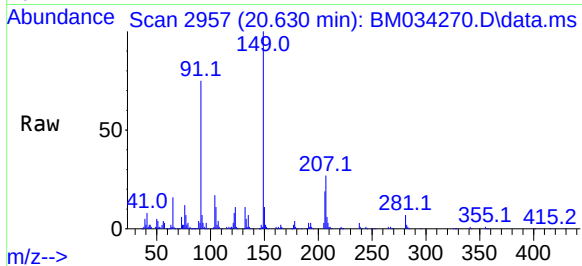
#80
Butylbenzylphthalate
Concen: 3.356 ng
RT: 20.630 min Scan# 2958
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:149 Resp: 8805
Ion Ratio Lower Upper
149 100
91 74.8 58.5 87.7
206 19.2 16.9 25.3

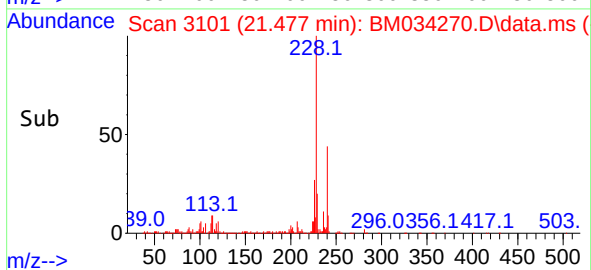
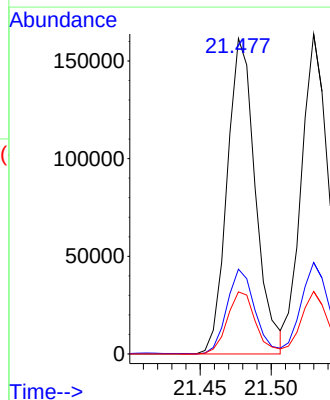
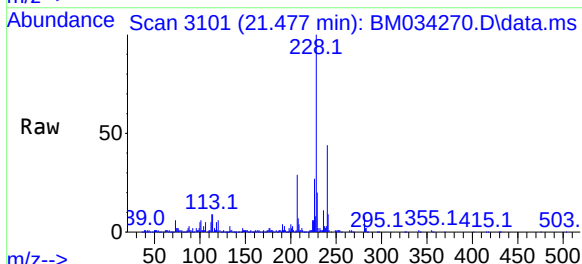
Manual Integrations
APPROVED

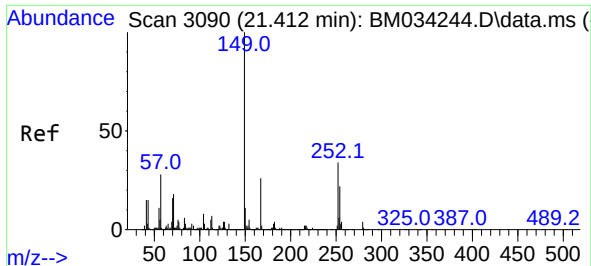
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#81
Benzo(a)anthracene
Concen: 4.031 ng
RT: 21.477 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

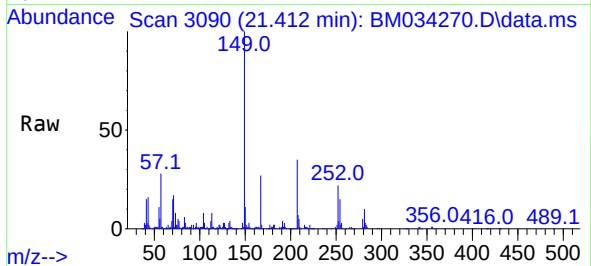
Tgt Ion:228 Resp: 224046
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.7 15.8 23.6





#82
3,3'-Dichlorobenzidine
Concen: 3.333 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

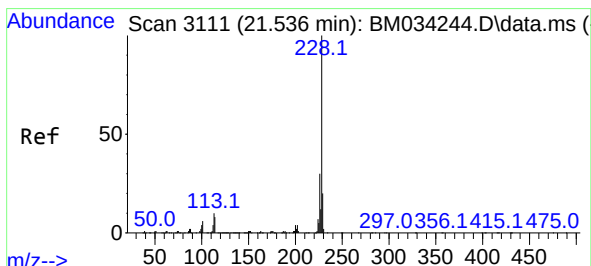
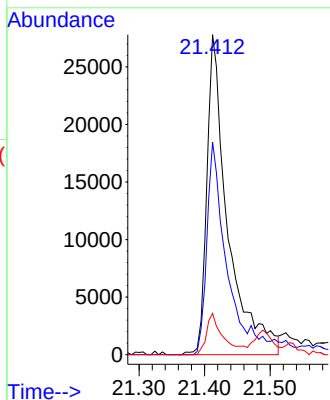
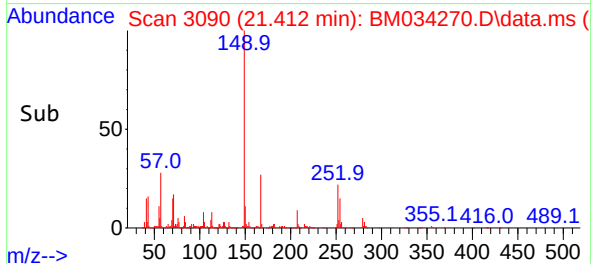
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



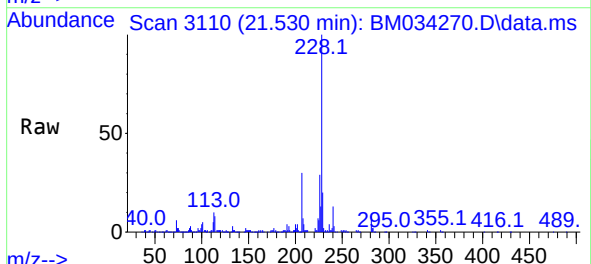
Tgt Ion:252 Resp: 6187
Ion Ratio Lower Upper
252 100
254 66.4 50.9 76.3
126 12.9 8.6 12.8

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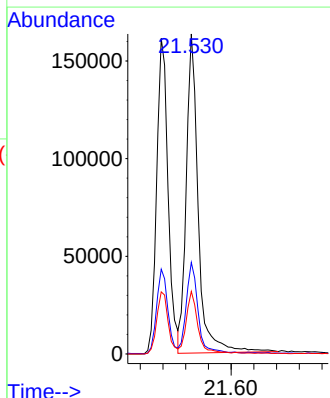
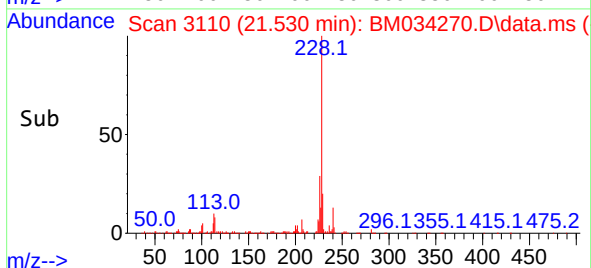
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

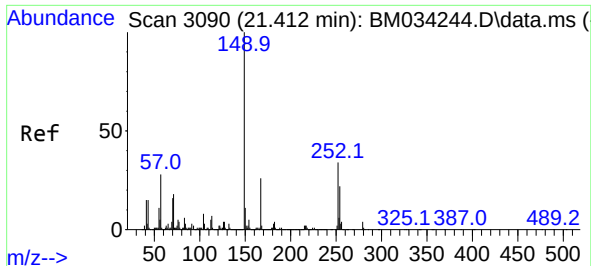


#83
Chrysene
Concen: 4.203 ng
RT: 21.530 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



Tgt Ion:228 Resp: 238535
Ion Ratio Lower Upper
228 100
226 28.6 23.8 35.6
229 19.5 15.6 23.4





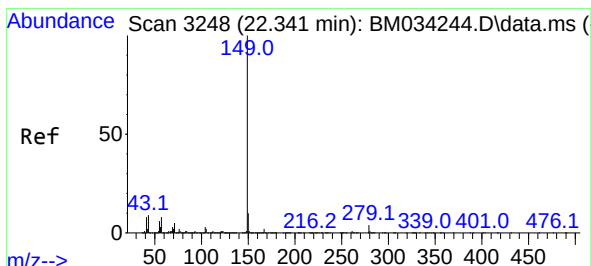
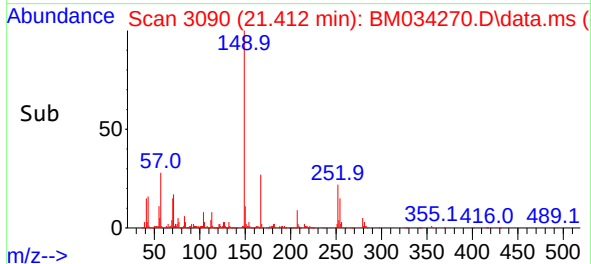
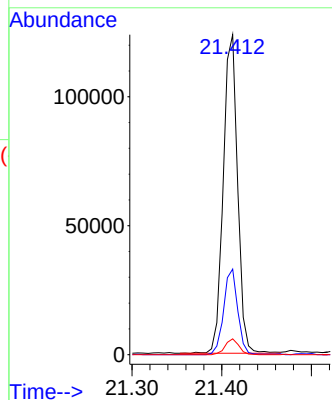
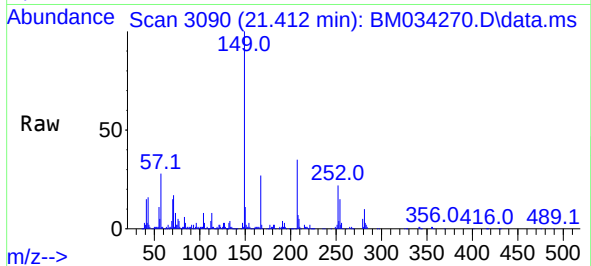
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.542 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:149 Resp: 13723
Ion Ratio Lower Upper
149 100
167 26.8 21.2 31.8
279 5.0 3.4 5.2

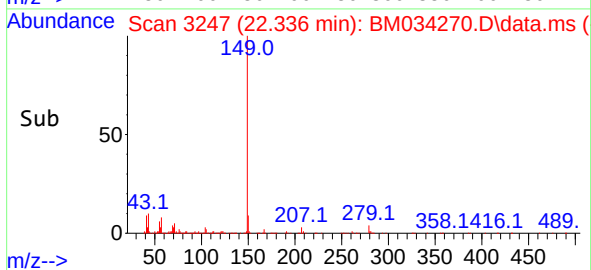
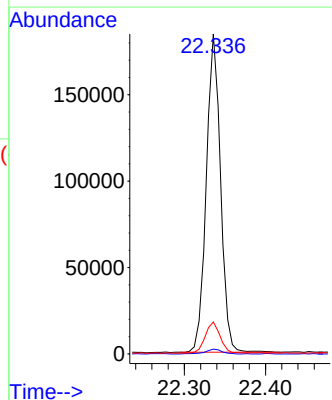
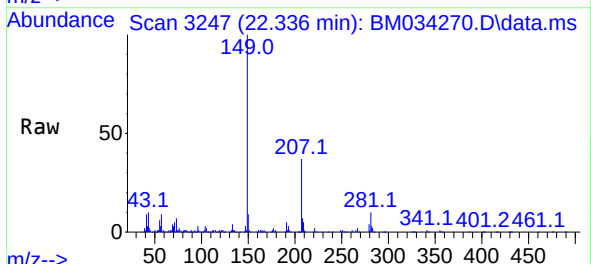
Manual Integrations
APPROVED

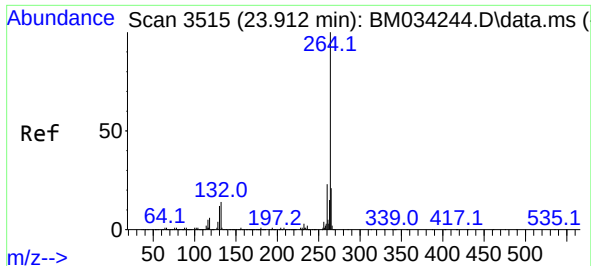
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#85
Di-n-octyl phthalate
Concen: 3.640 ng
RT: 22.336 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

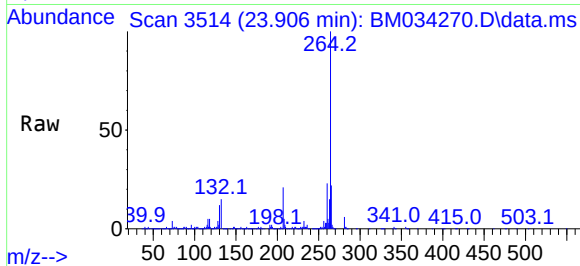
Tgt Ion:149 Resp: 223859
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.906 min Scan# 3514
 Delta R.T. -0.006 min
 Lab File: BM034270.D
 Acq: 17 Mar 2022 11:10

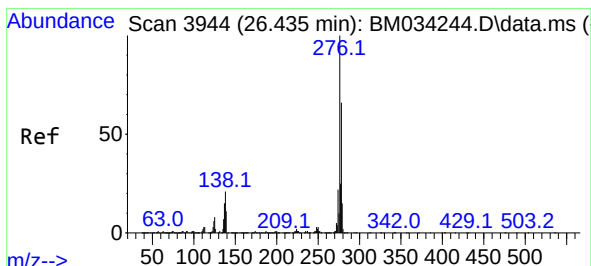
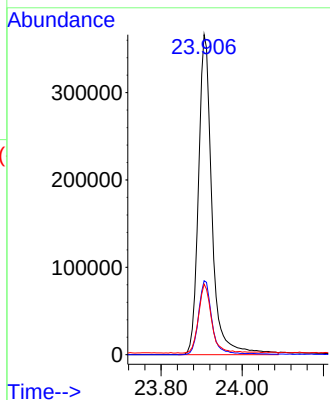
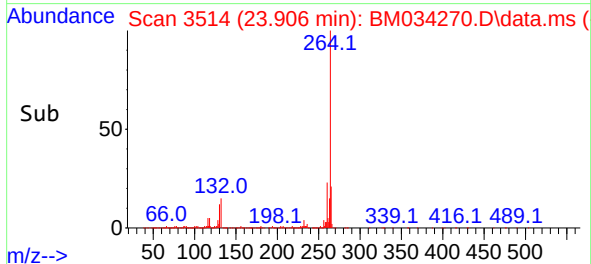
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion:264 Resp: 847470
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 22.1 17.6 26.4

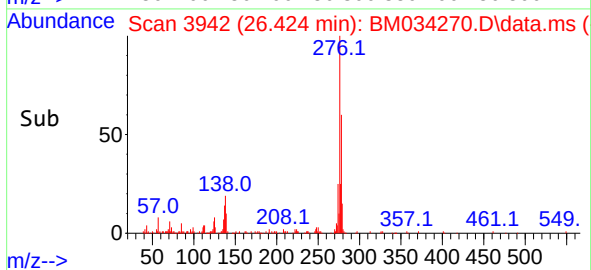
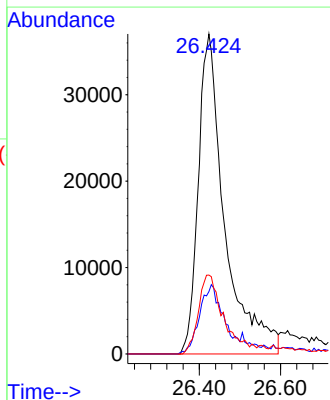
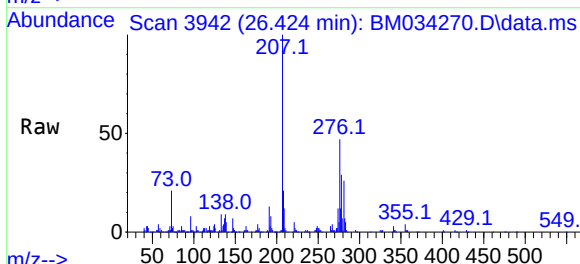
Manual Integrations
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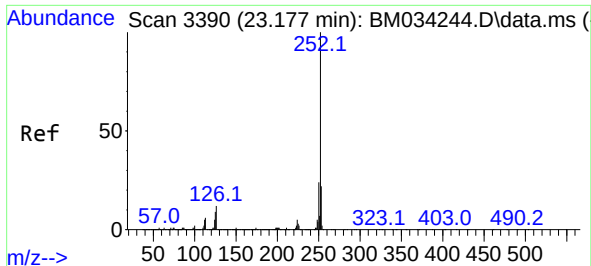
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.069 ng
 RT: 26.424 min Scan# 3942
 Delta R.T. -0.012 min
 Lab File: BM034270.D
 Acq: 17 Mar 2022 11:10

Tgt Ion:276 Resp: 167316
 Ion Ratio Lower Upper
 276 100
 138 19.8 16.6 25.0
 277 23.8 19.8 29.6





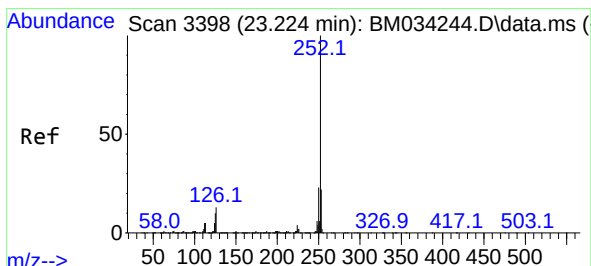
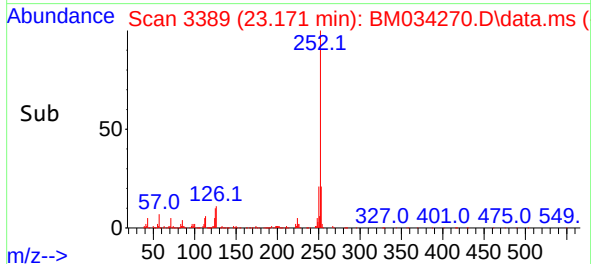
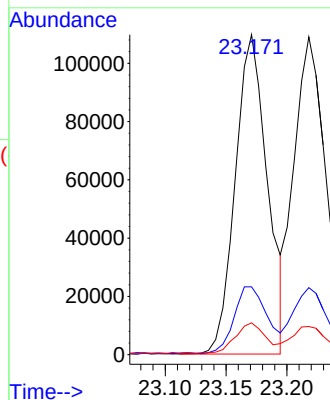
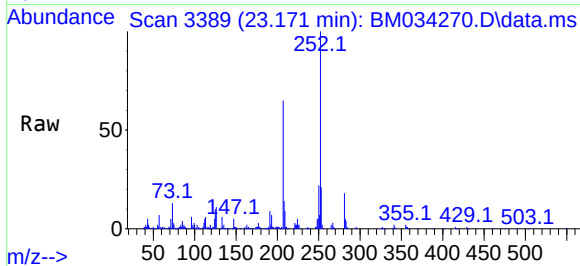
#88
Benzo(b)fluoranthene
Concen: 3.970 ng
RT: 23.171 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument : BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:252 Resp: 201180
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 9.9 7.2 10.8

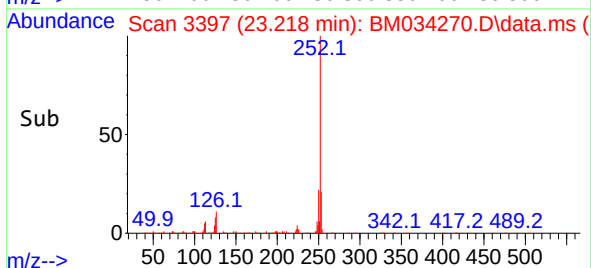
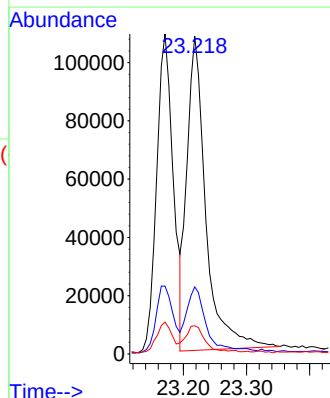
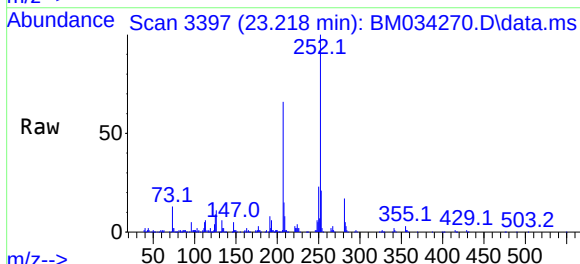
Manual Integrations
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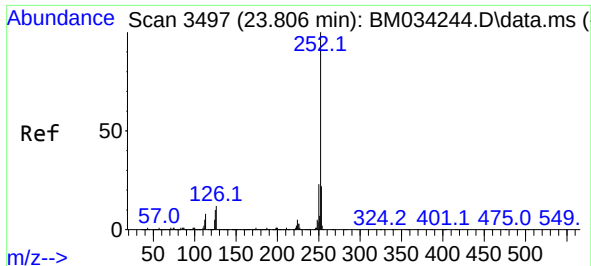
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#89
Benzo(k)fluoranthene
Concen: 4.189 ng
RT: 23.218 min Scan# 3397
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

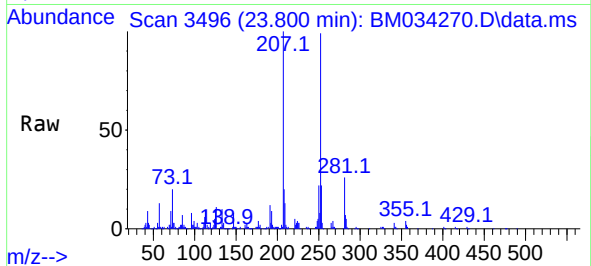
Tgt Ion:252 Resp: 224876
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 8.9 7.5 11.3





#90
Benzo(a)pyrene
Concen: 4.260 ng
RT: 23.800 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

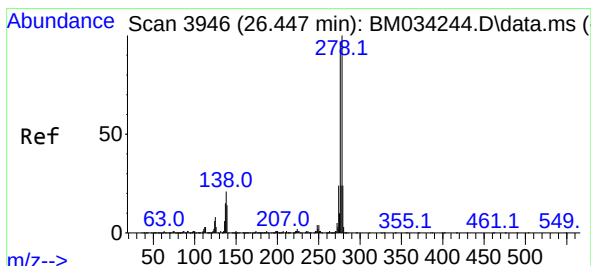
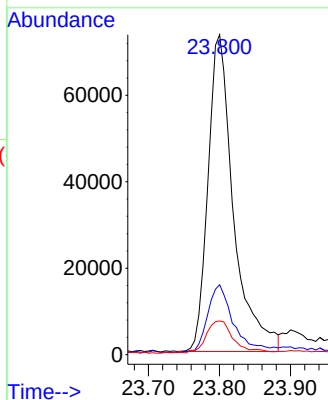
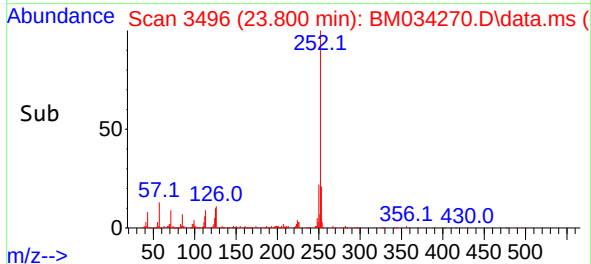
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



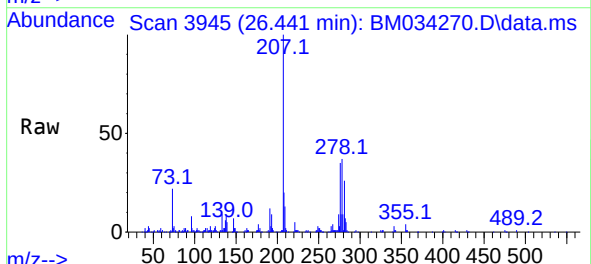
Tgt Ion:252 Resp: 183004
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 7.8 11.6

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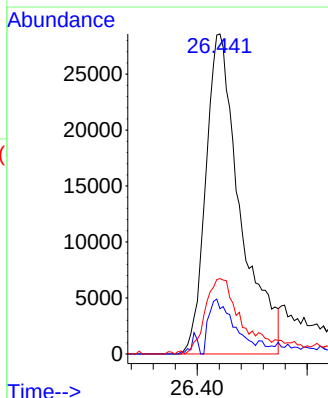
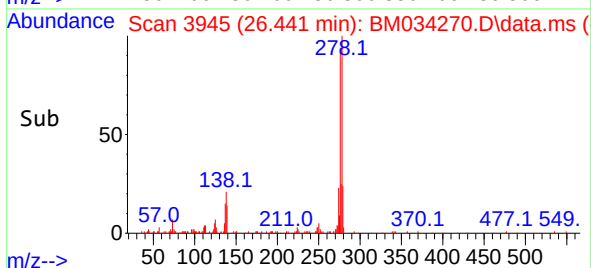
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

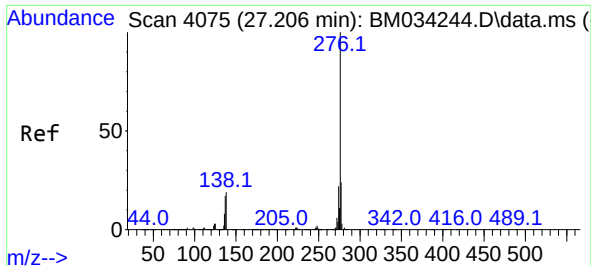


#91
Dibenzo(a,h)anthracene
Concen: 2.807 ng
RT: 26.441 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10



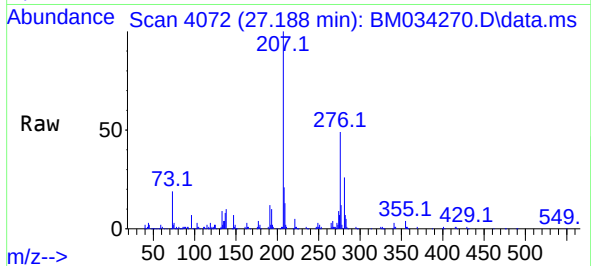
Tgt Ion:278 Resp: 124061
Ion Ratio Lower Upper
278 100
139 14.2 11.2 16.8
279 23.6 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 3.371 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM034270.D
Acq: 17 Mar 2022 11:10

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 276 Resp: 154250
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 19.6 15.6 23.4

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

